

Program EVALPLOT
(Version 2015-2)

by

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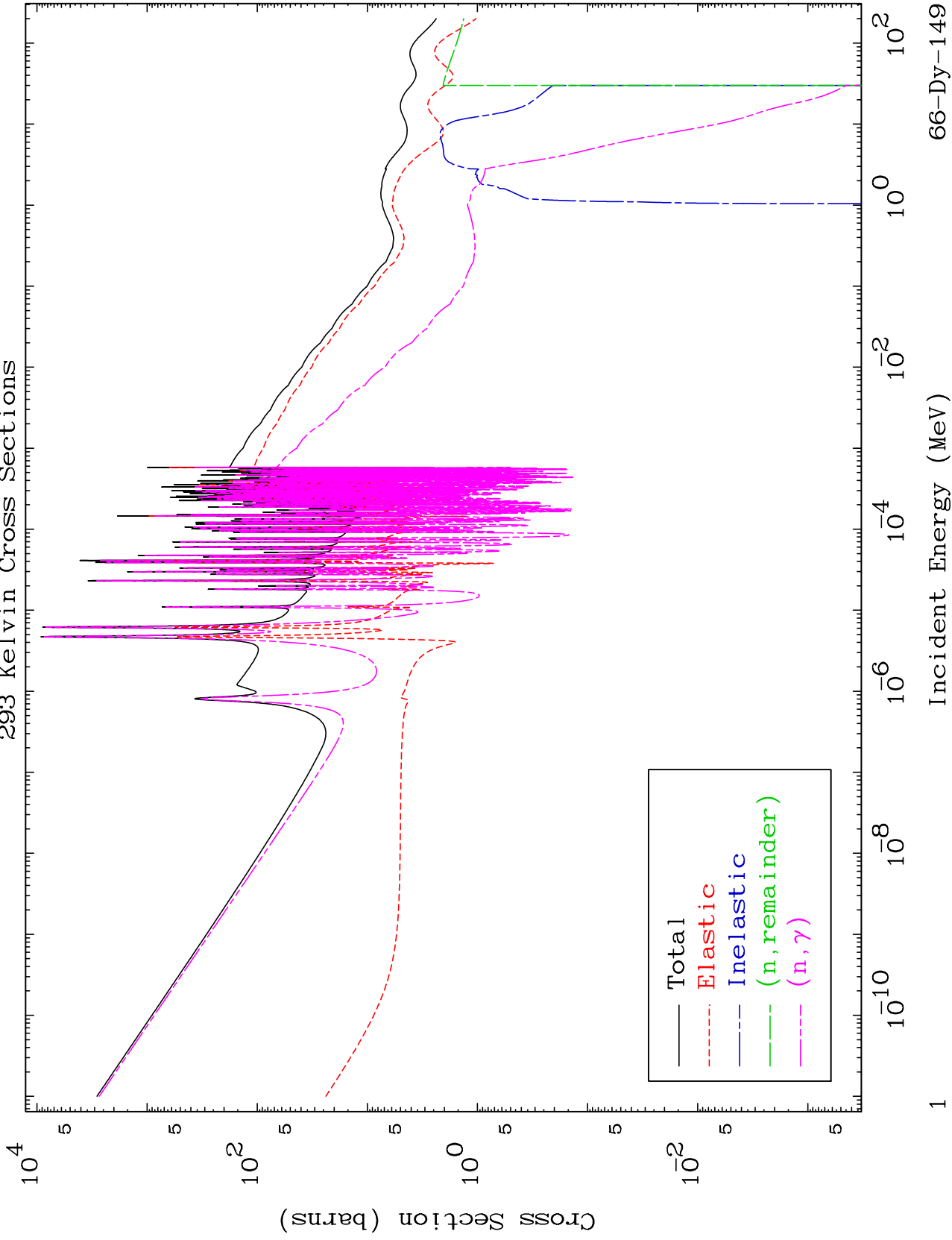
Press Mouse Button to Start

MAT 6604

Major

293 Kelvin Cross Sections

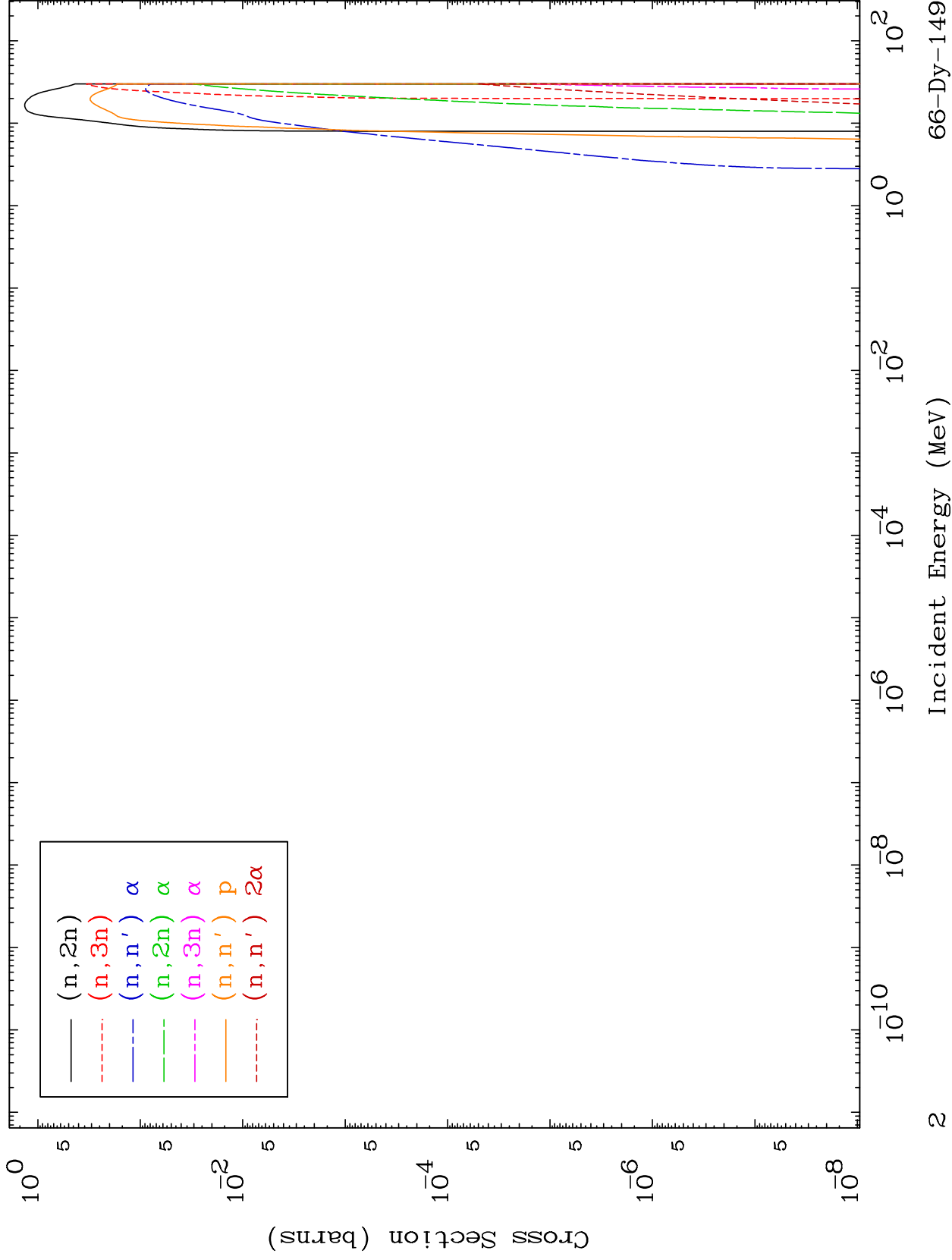
66-Dy-149

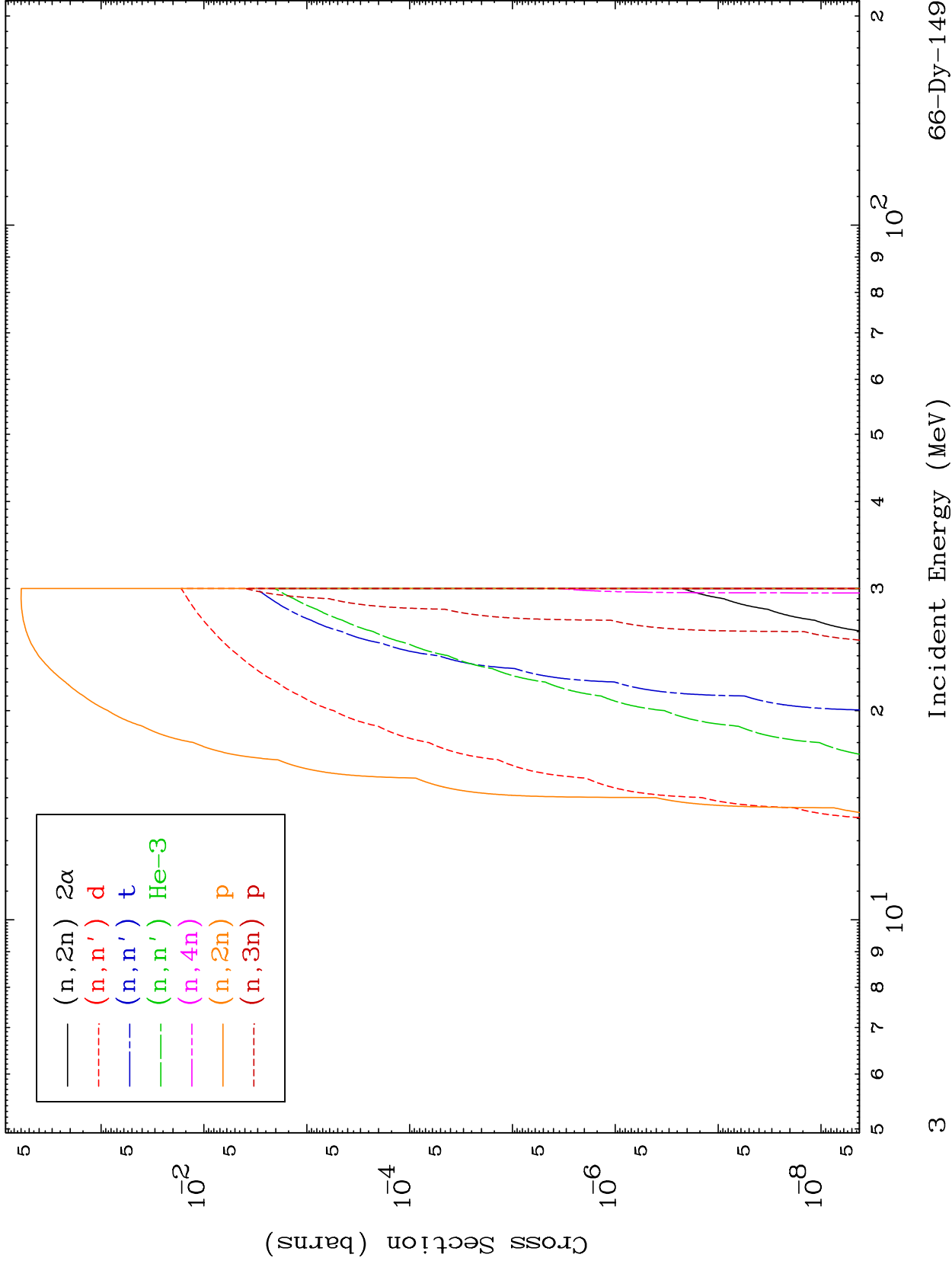


MAT 6604

Neutron Production
293 Kelvin Cross Sections

66-Dy-149

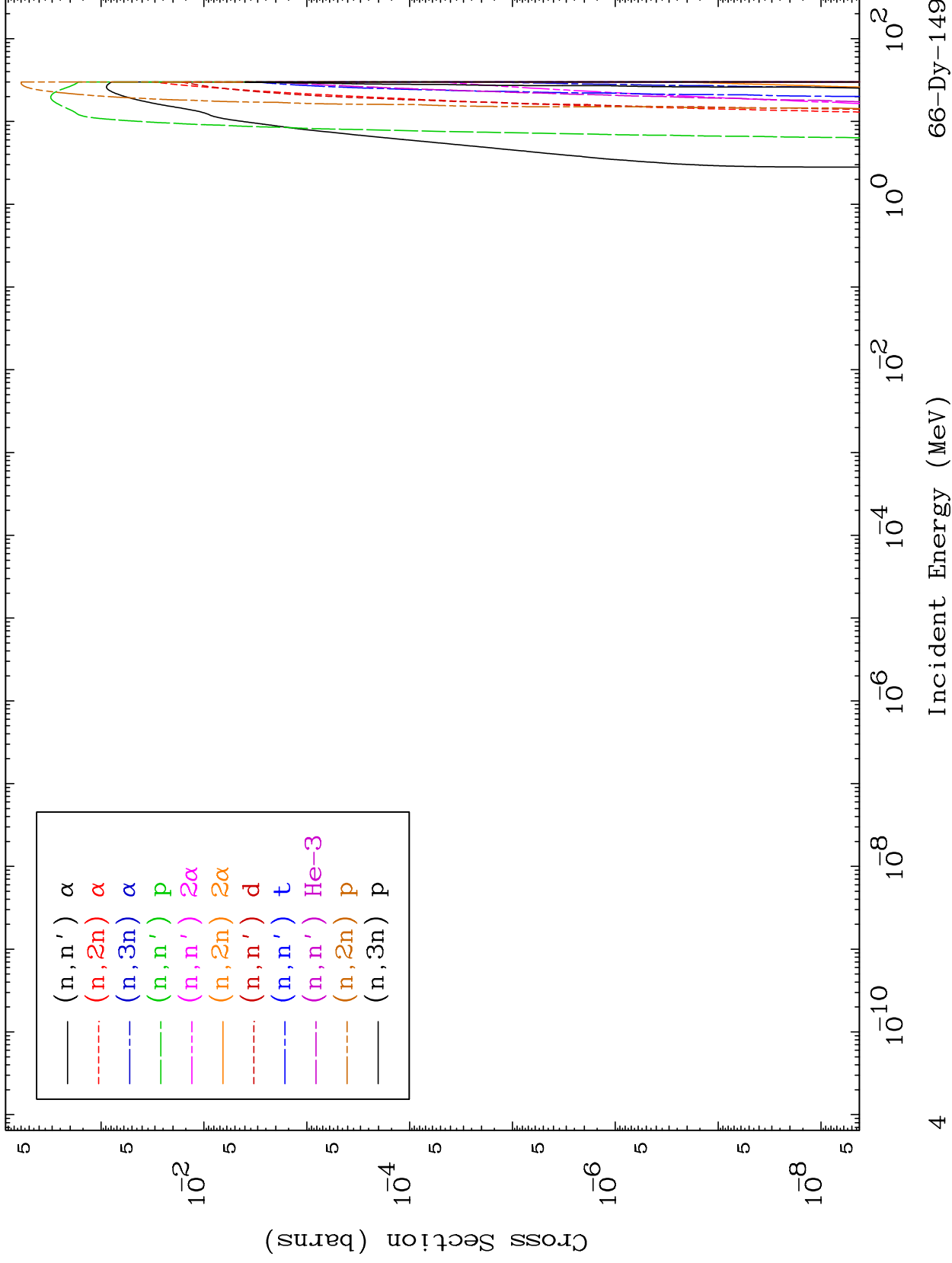




MAT 6604

Charged Particle
293 Kelvin Cross Sections

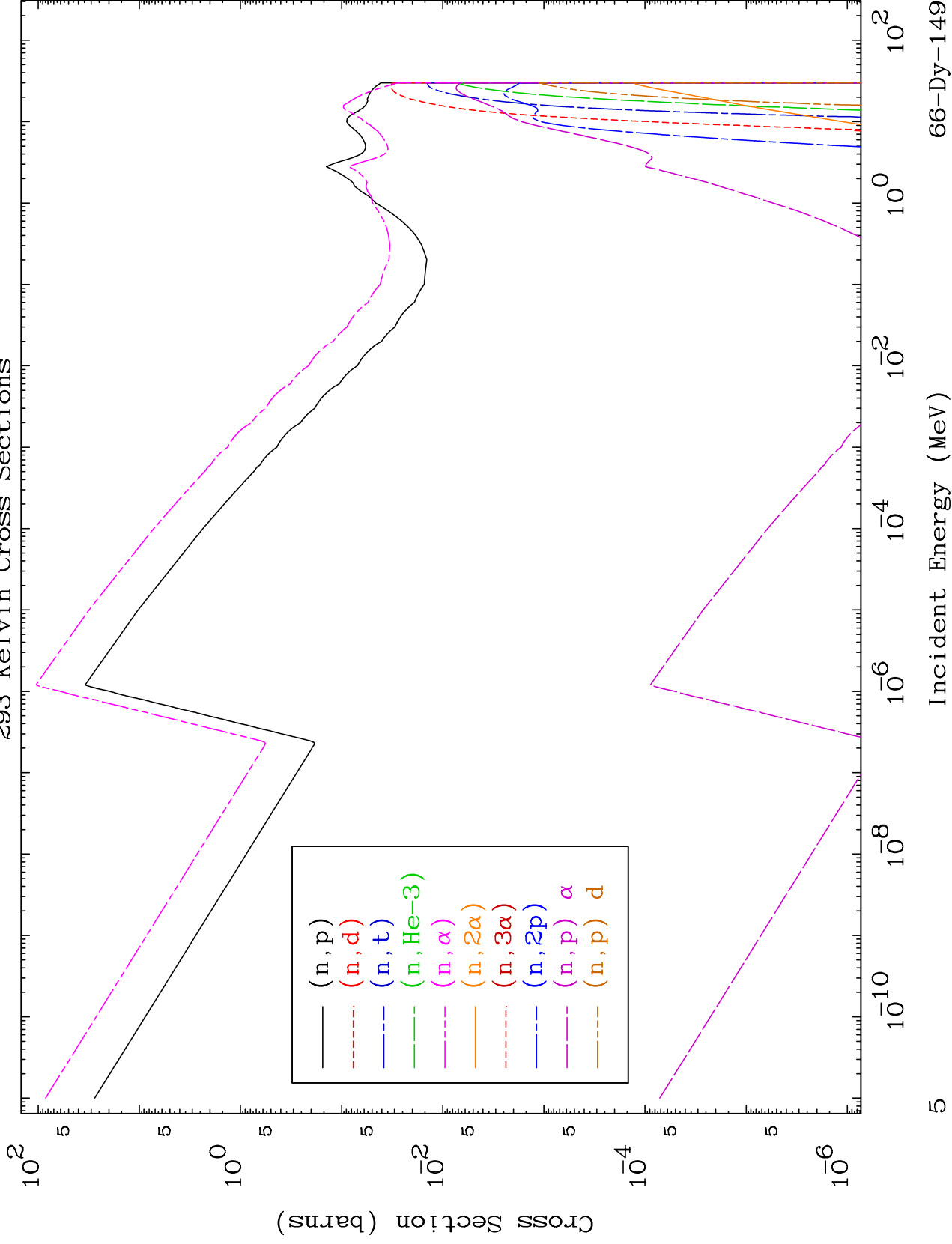
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MAT 6604

Charged Particle
293 Kelvin Cross Sections

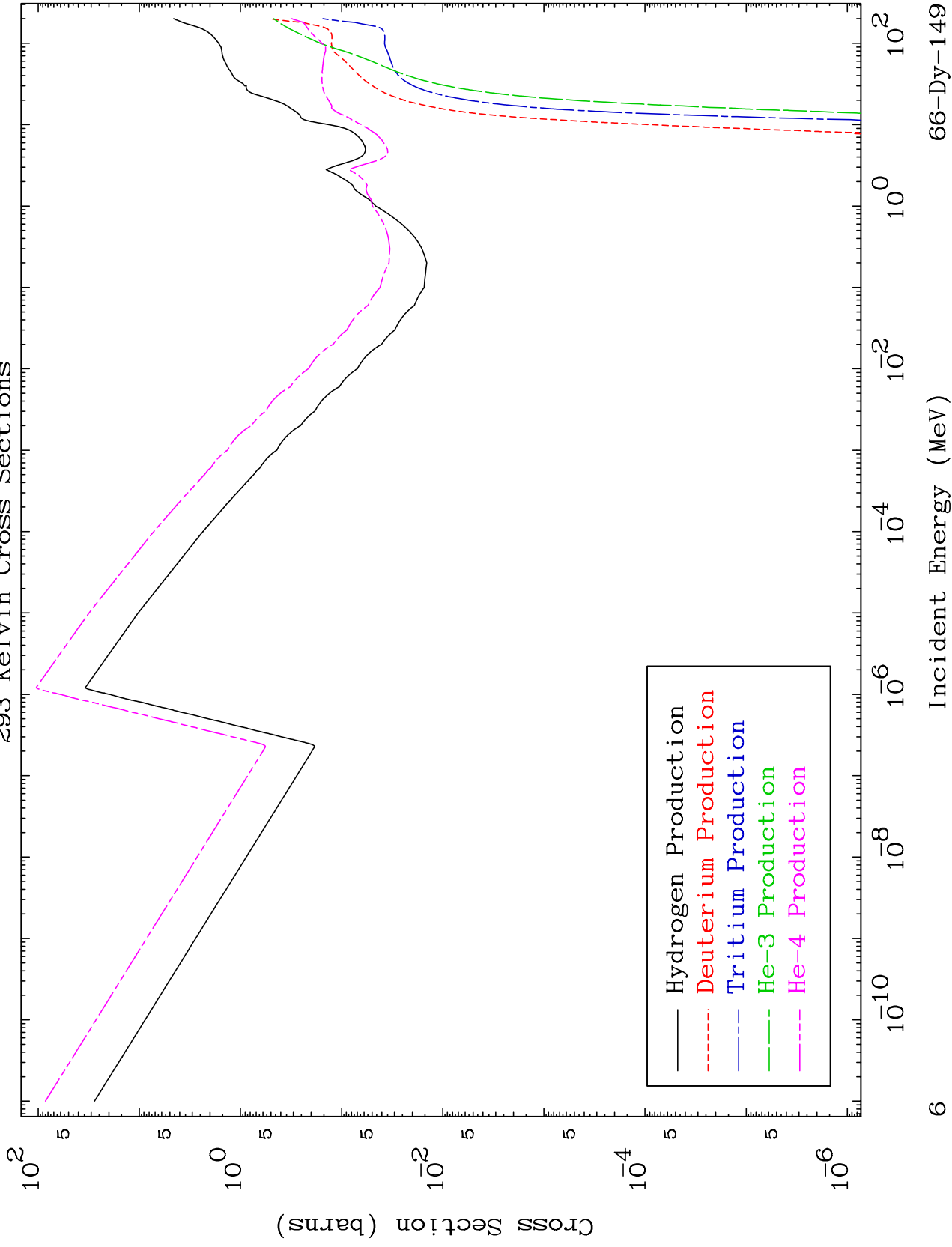
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MAT 6604

Particle Production
293 Kelvin Cross Sections

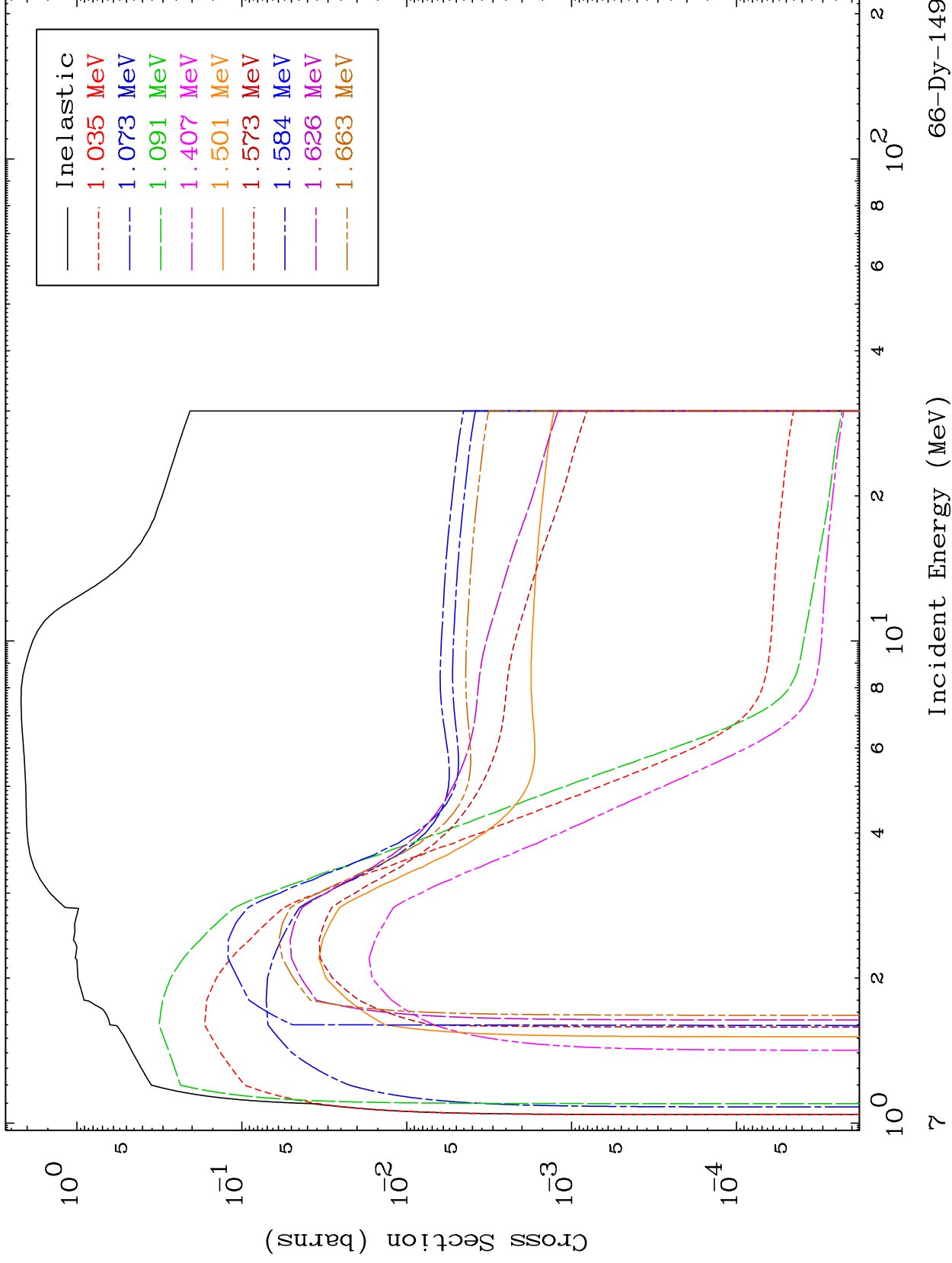
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MAT 6604

(n,n') Level
293 Kelvin Cross Sections

66-Dy-149



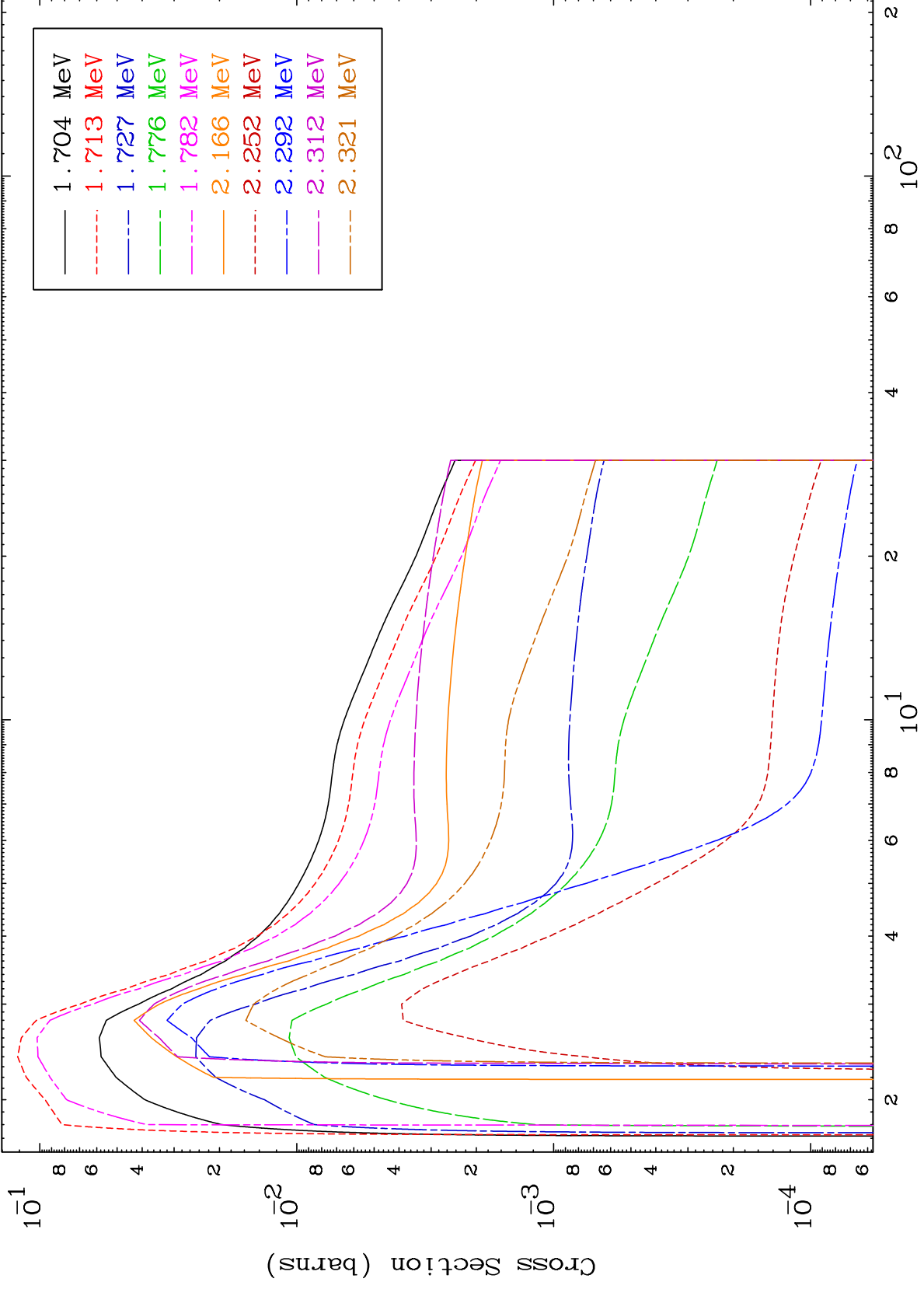
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Incident Energy (MeV)

MAT 6604

(n,n') Level
293 Kelvin Cross Sections

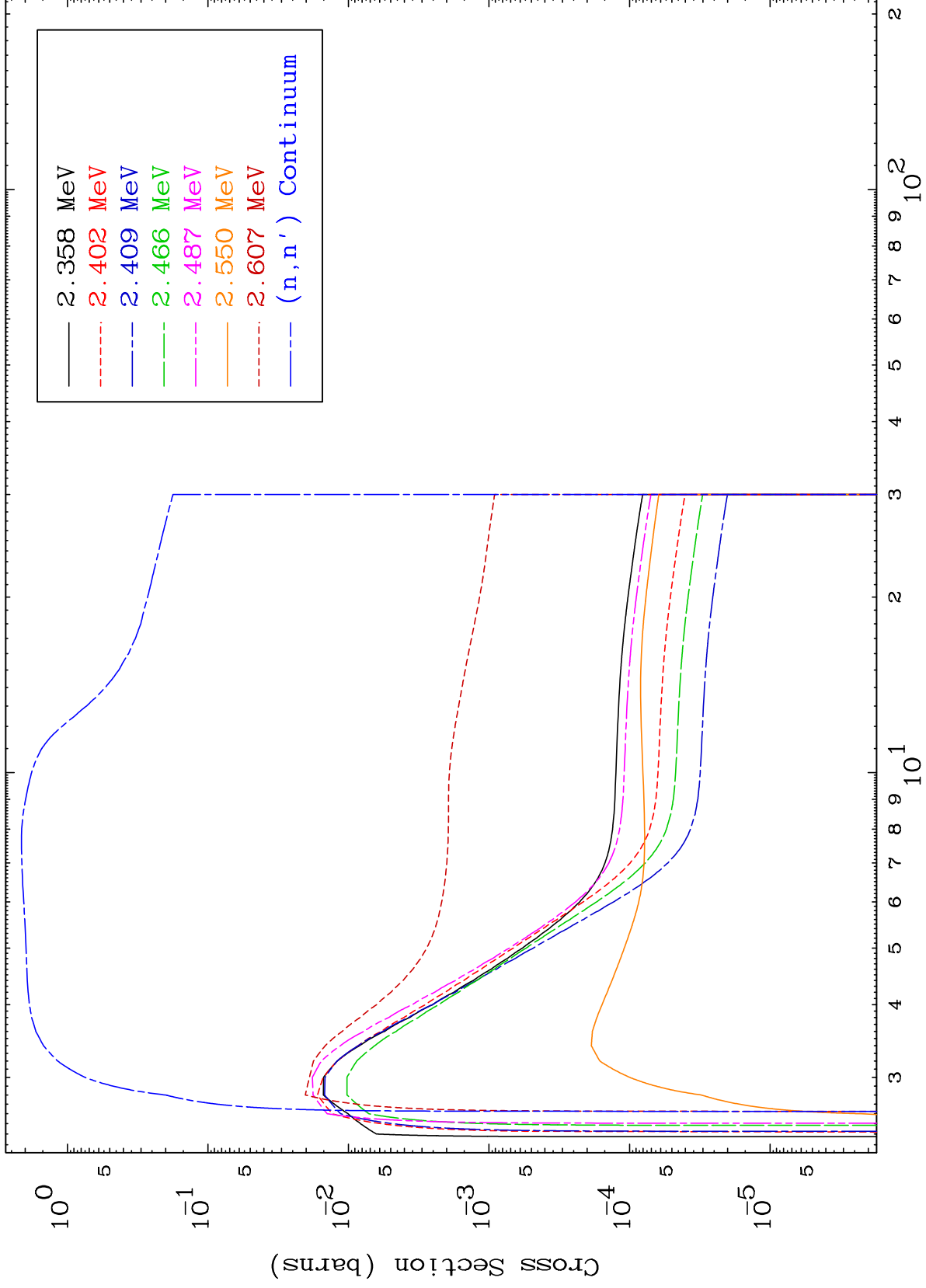
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8

Incident Energy (MeV)

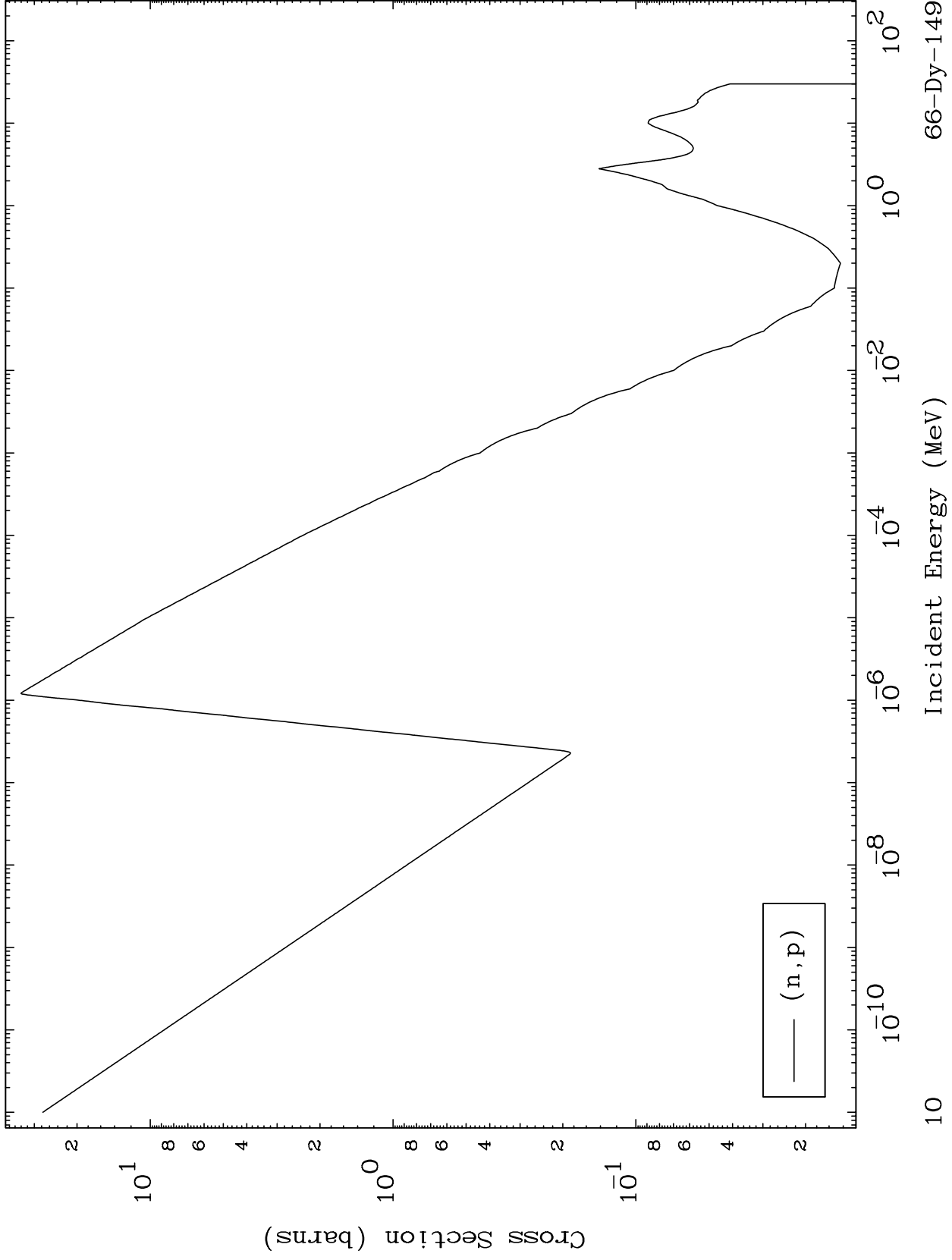
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MAT 6604

(n,p) Levels
293 Kelvin Cross Sections

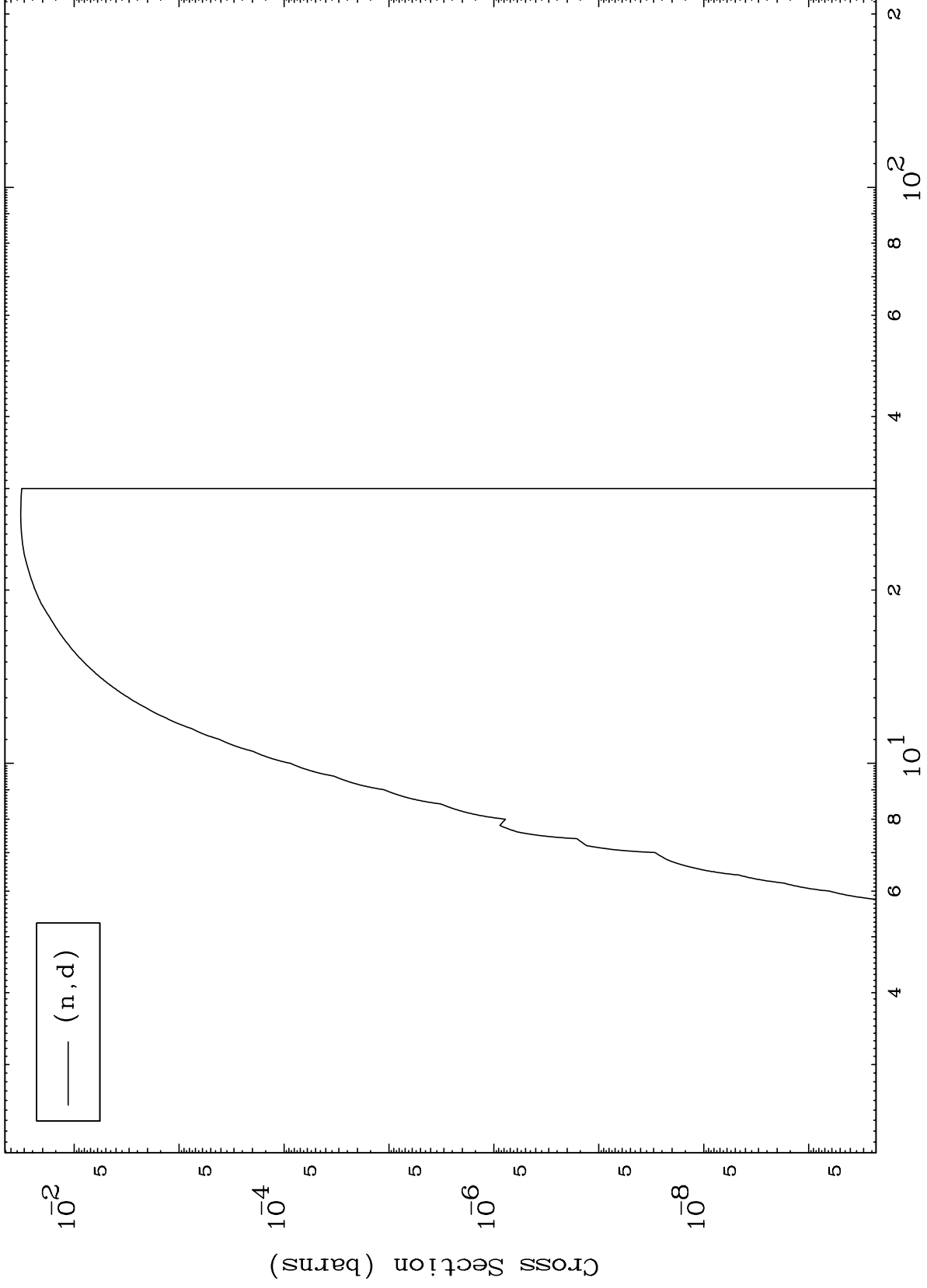
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MAT 6604

(n,d) Levels
293 Kelvin Cross Sections

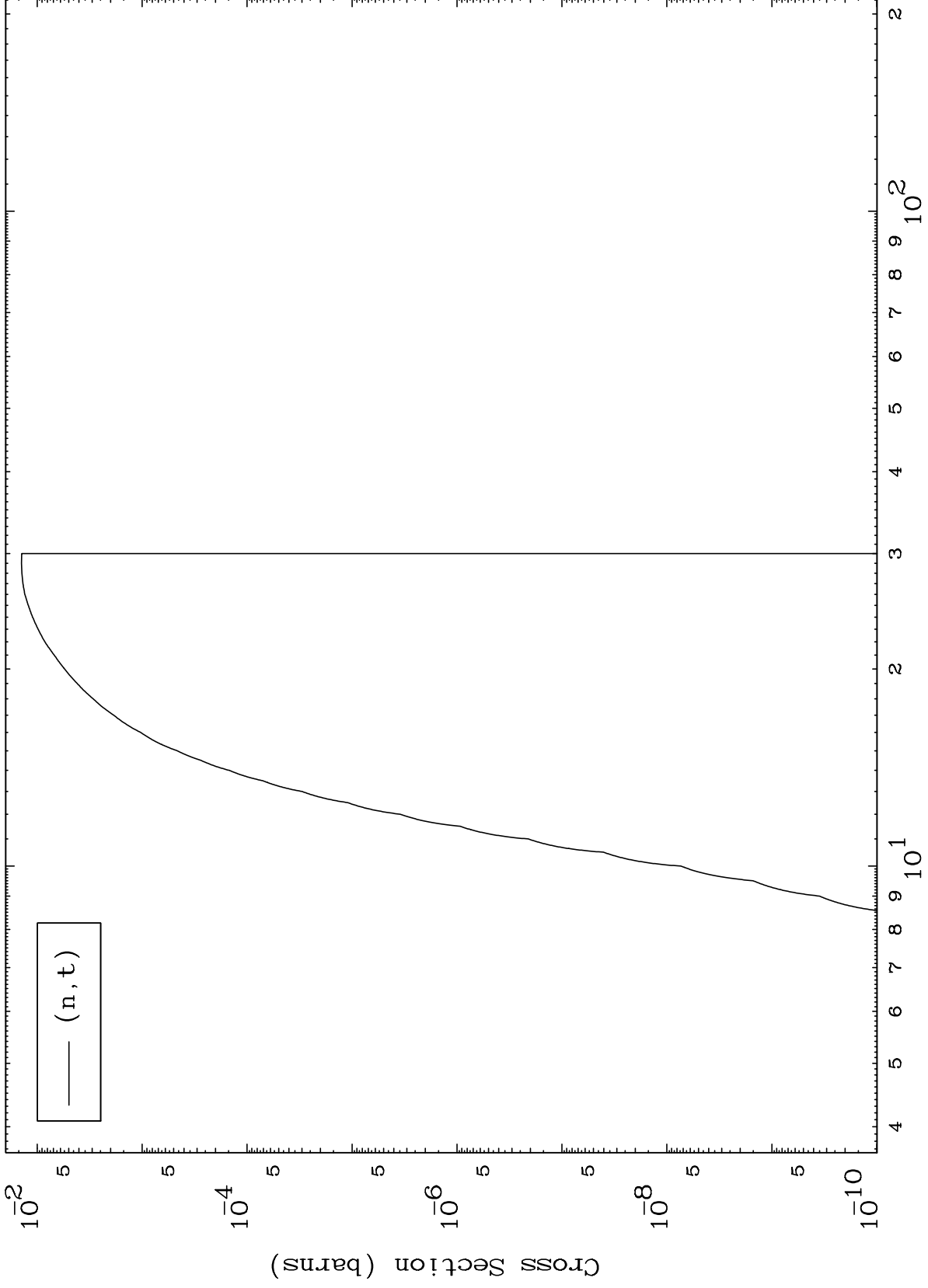
66-Dy-149



MAT 6604

(n,t) Levels
293 Kelvin Cross Sections

66-Dy-149



(n,t)

12

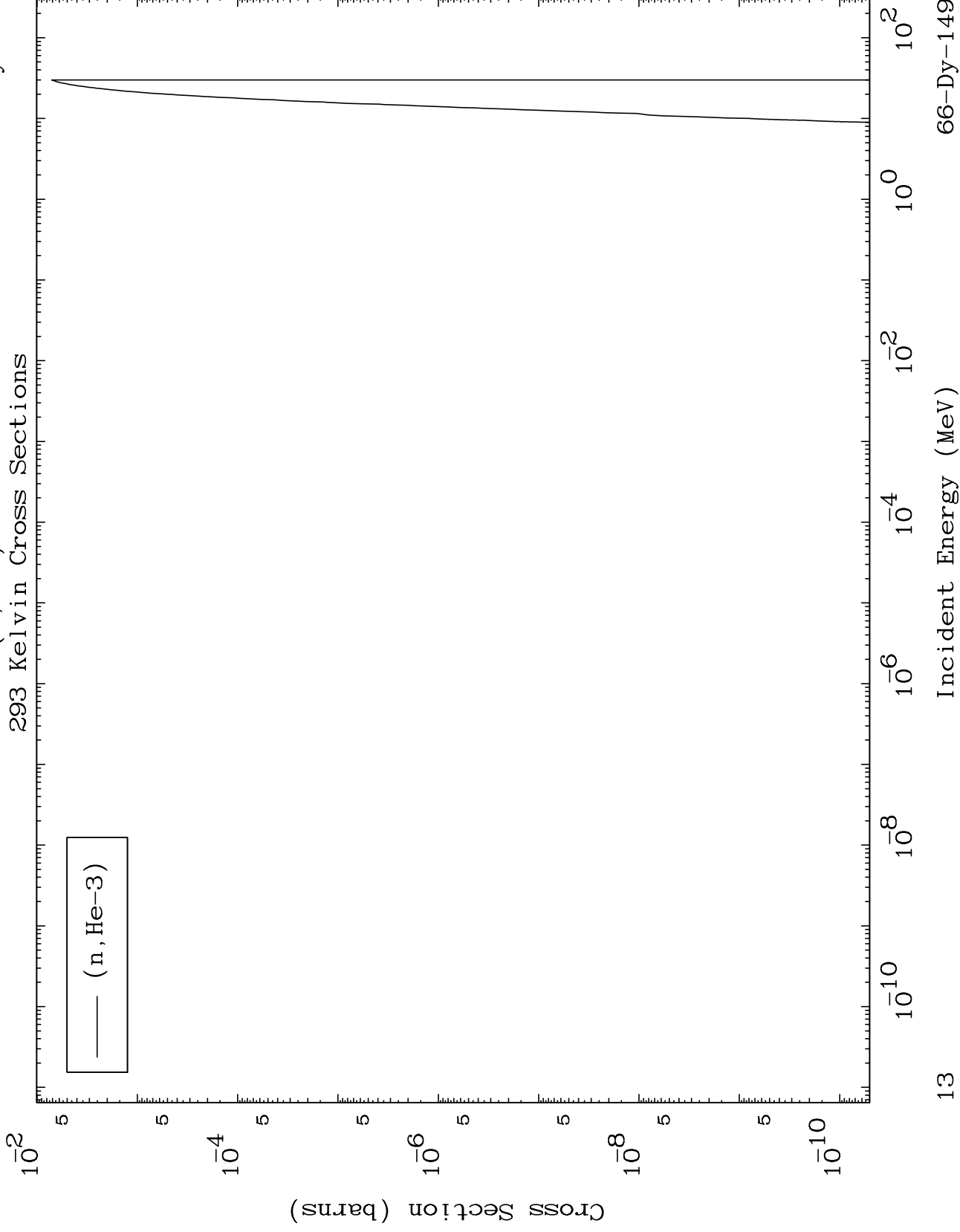
Incident Energy (MeV)

66-Dy-149

MAT 6604

(n,He3) Levels
293 Kelvin Cross Sections

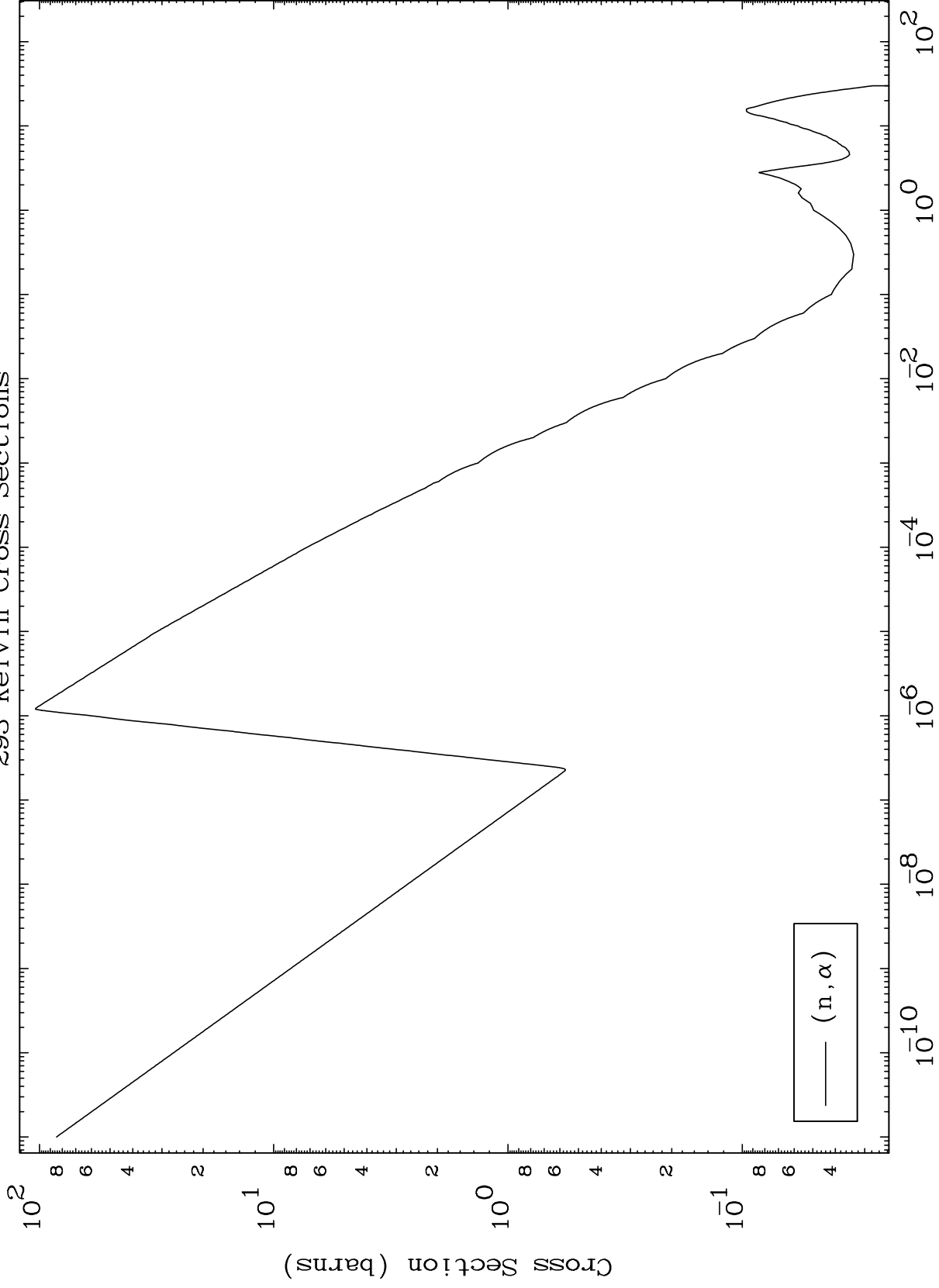
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MAT 6604

(n, α) Levels
293 Kelvin Cross Sections

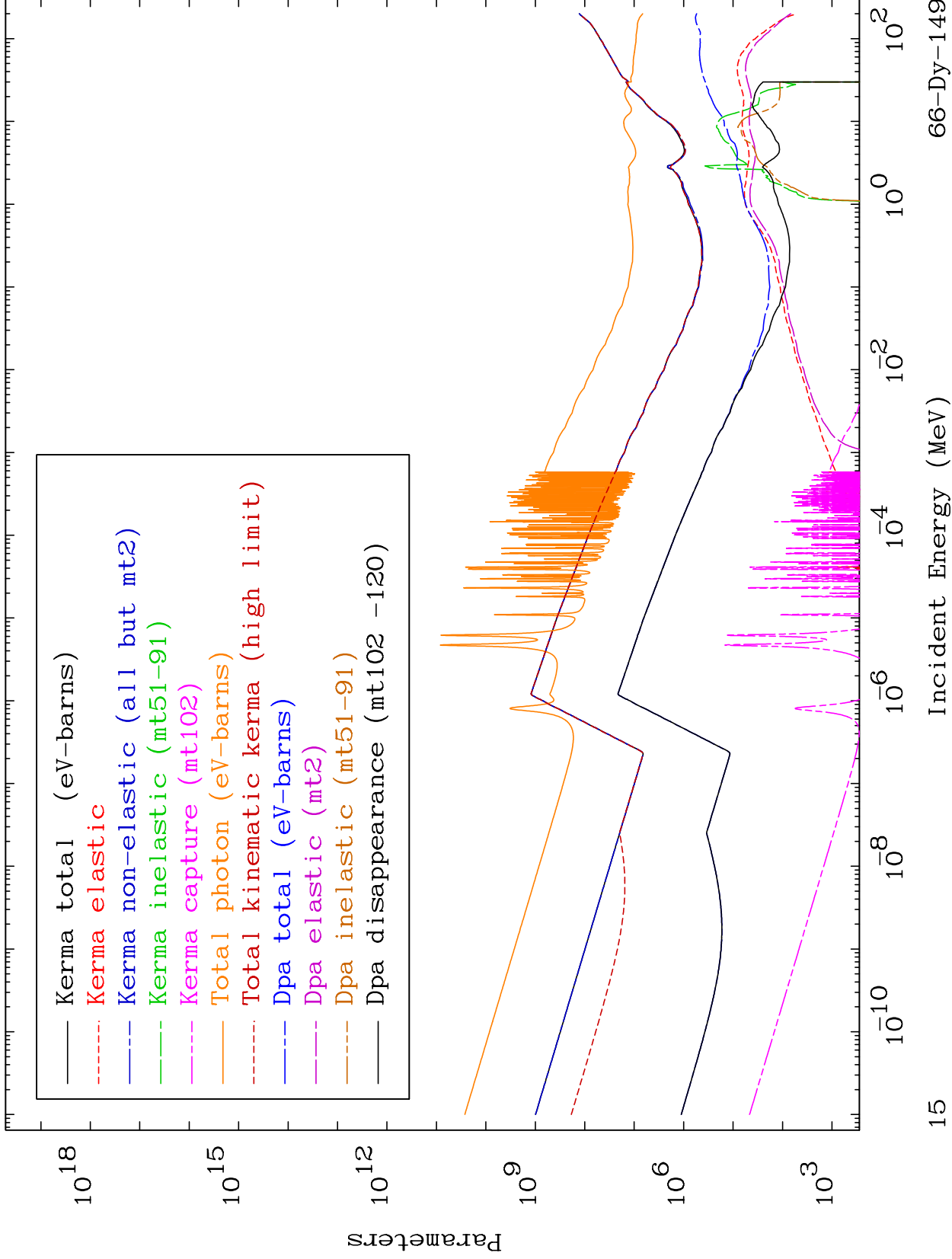
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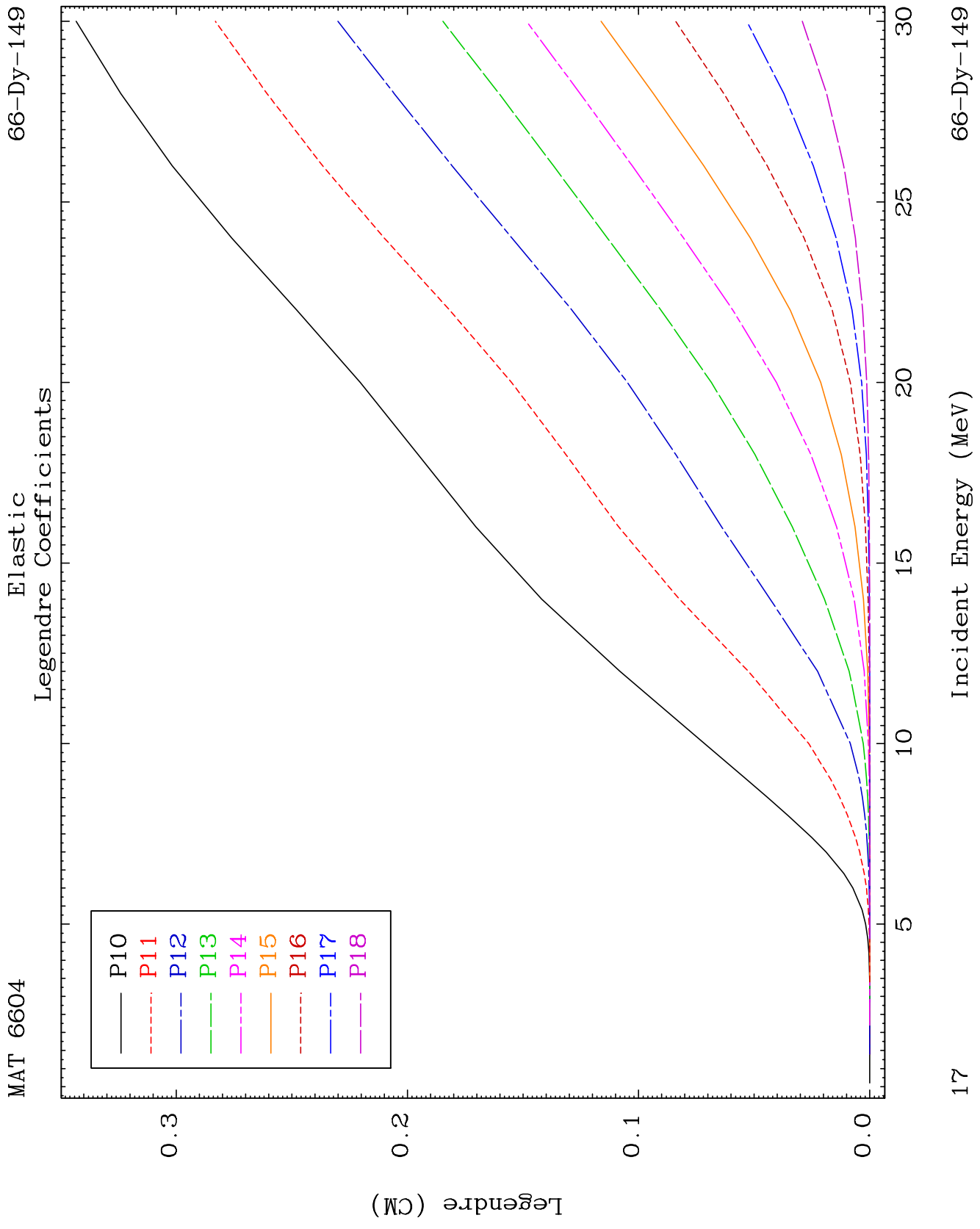


14

Incident Energy (MeV)

66-Dy-149

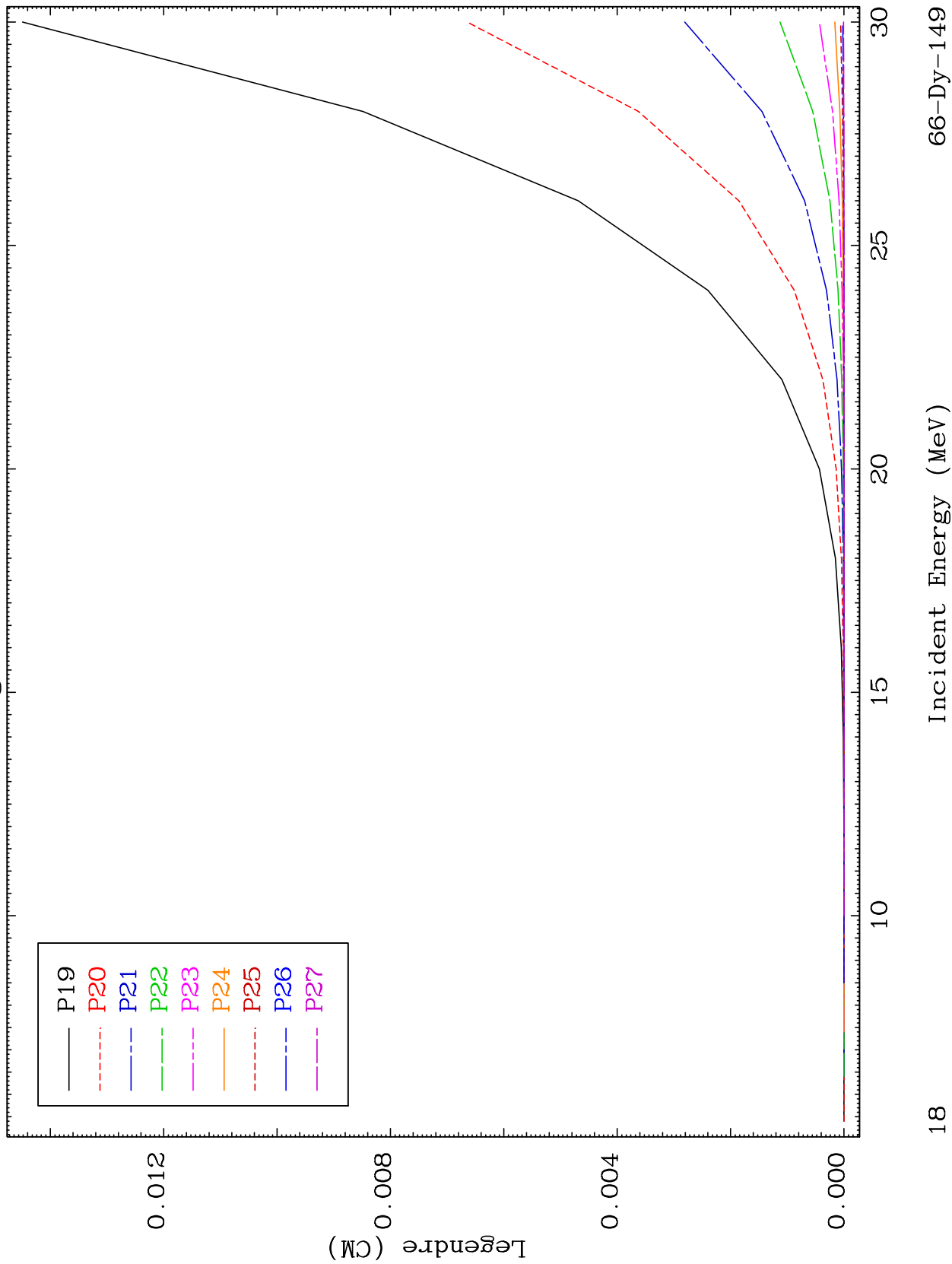




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Elastic Legendre Coefficients

66-Dy-149



18

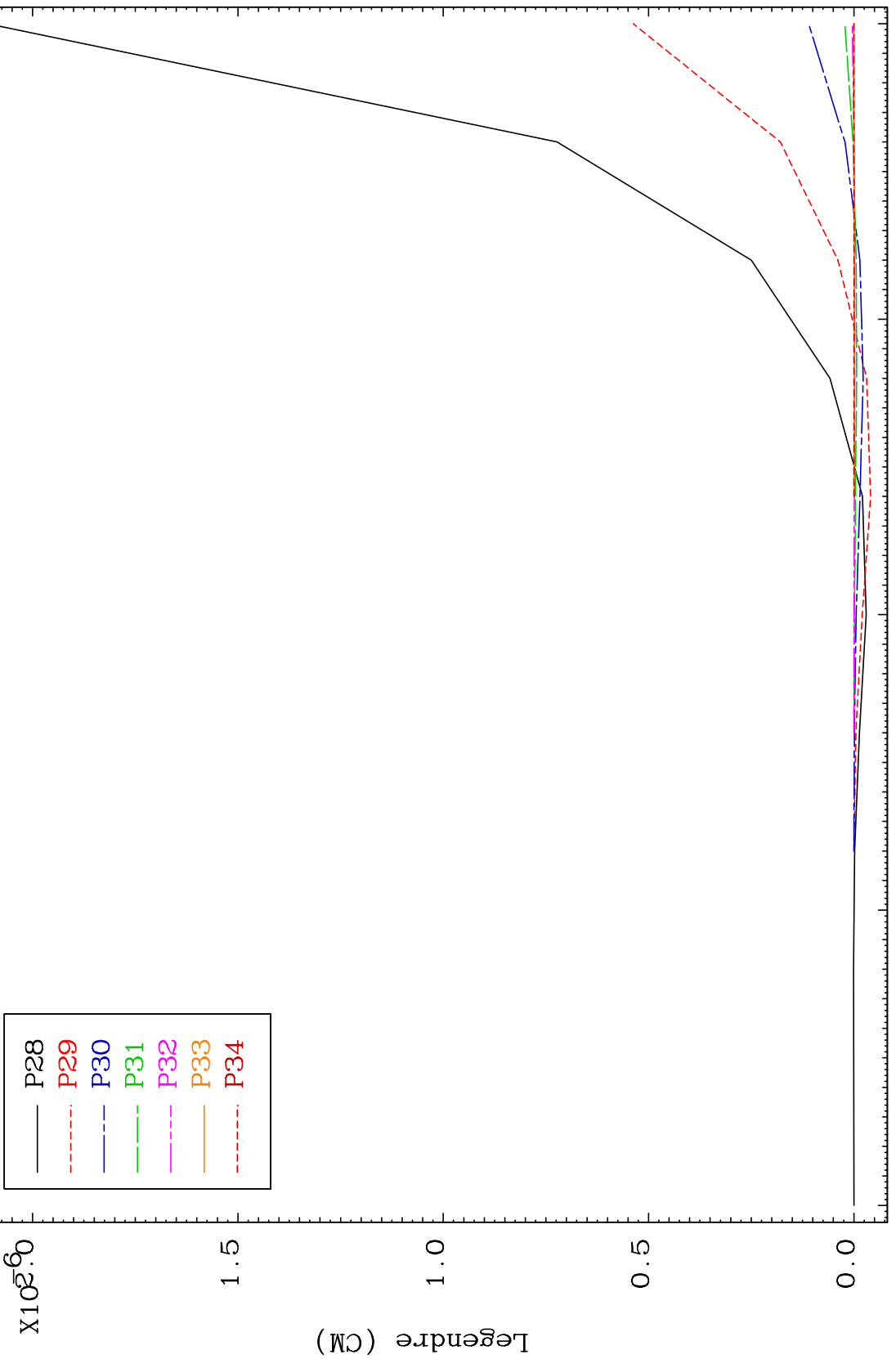
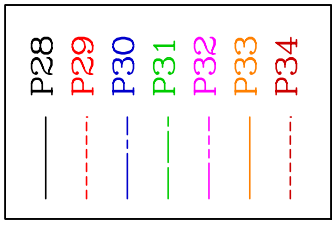
Incident Energy (MeV)

66-Dy-149

MAT 6604

Elastic Legendre Coefficients

66-Dy-149



19

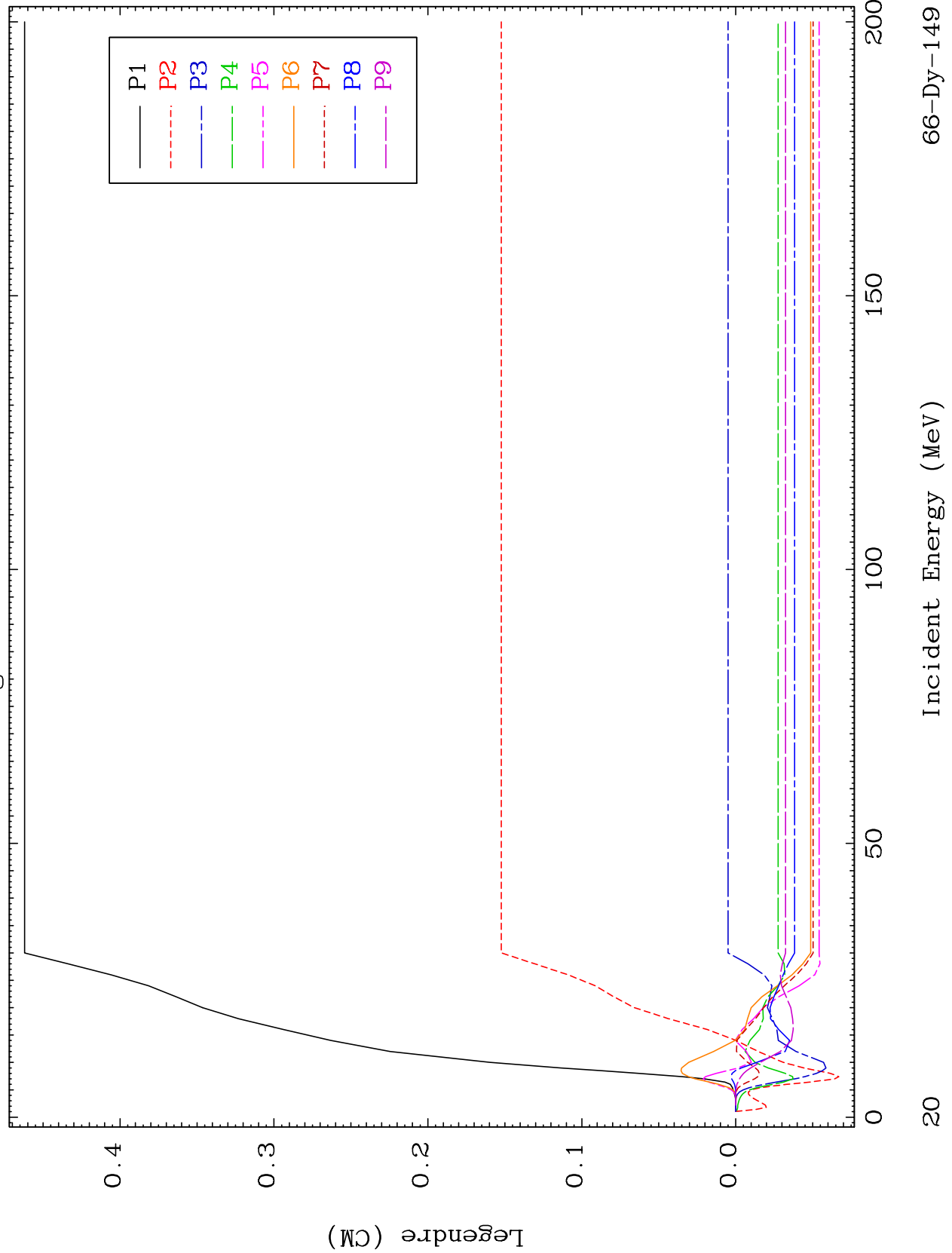
Incident Energy (MeV)

66-Dy-149

MAT 6604

1.035 MeV (n,n') Level
Legendre Coefficients

66-Dy-149



66-Dy-149

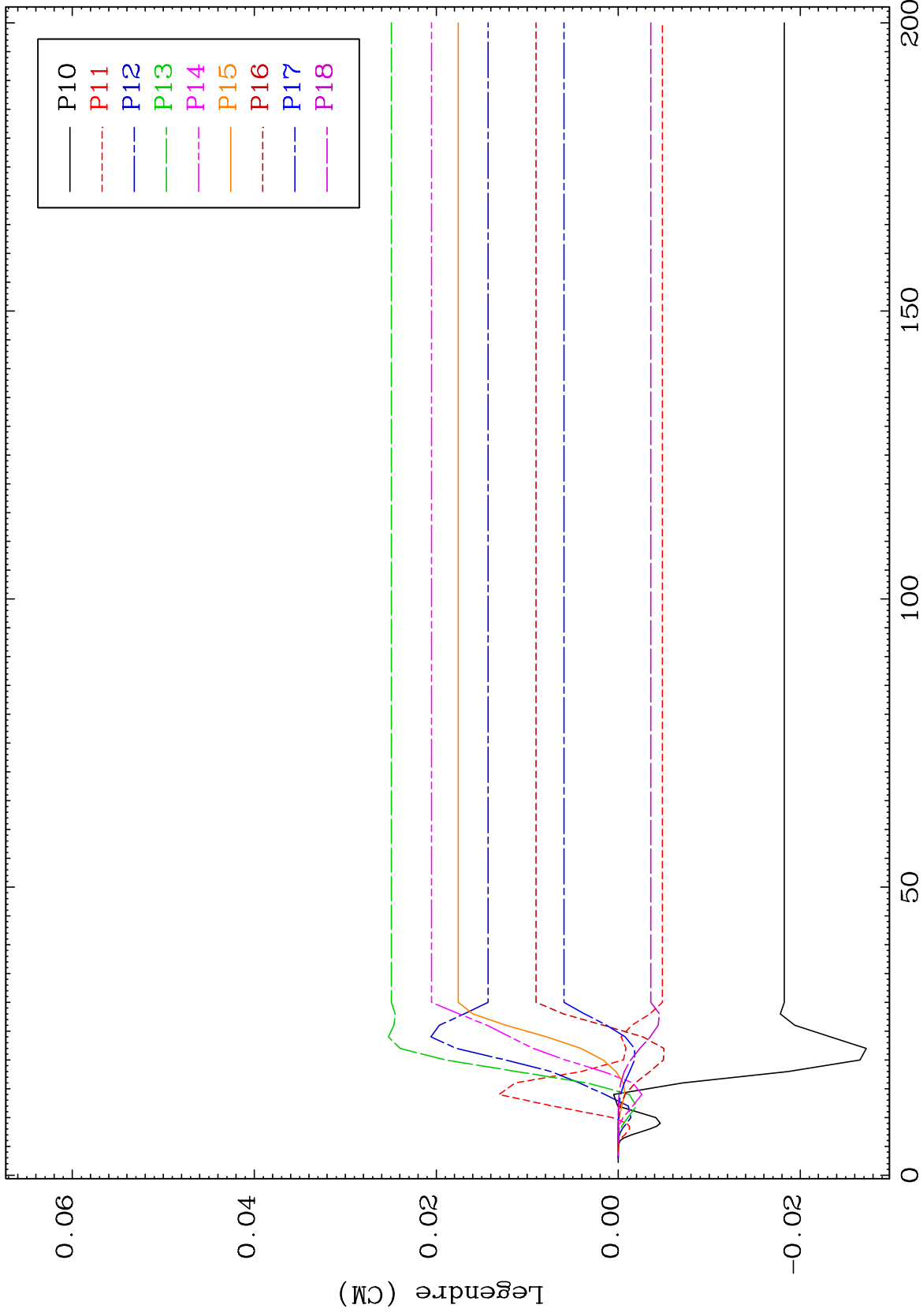
Incident Energy (MeV)

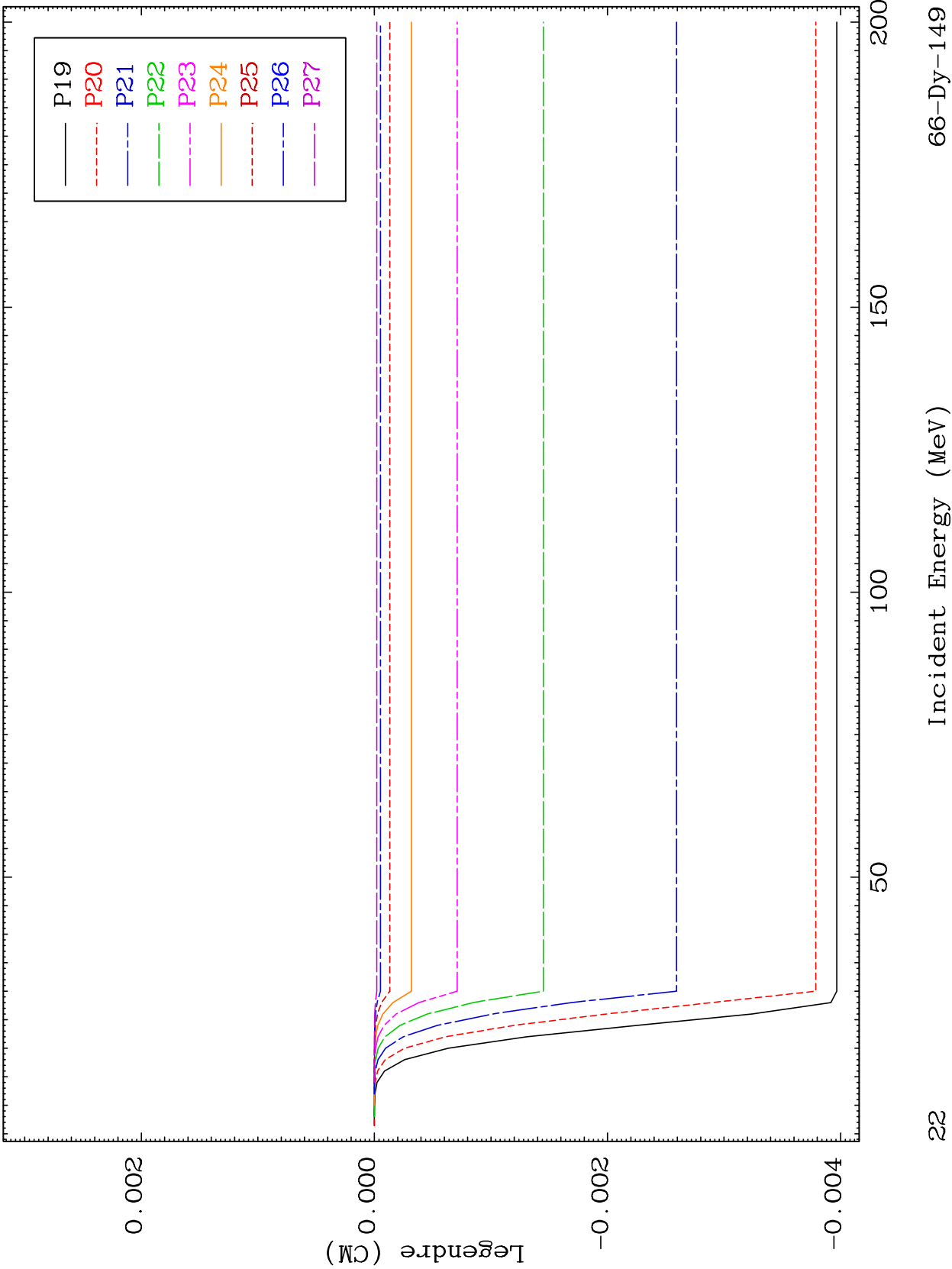
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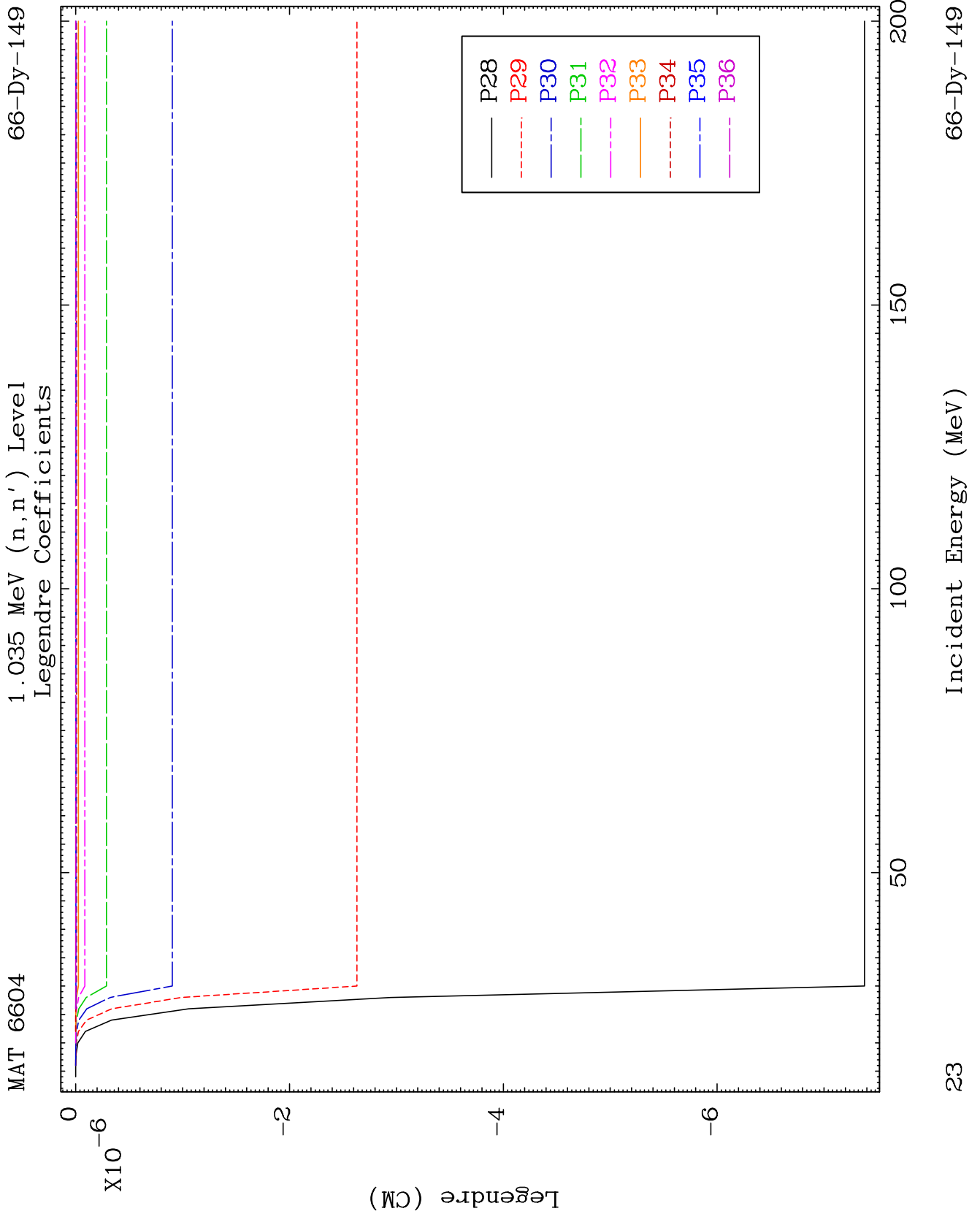
MAT 6604

1.035 MeV (n,n') Level
Legendre Coefficients

66-Dy-149



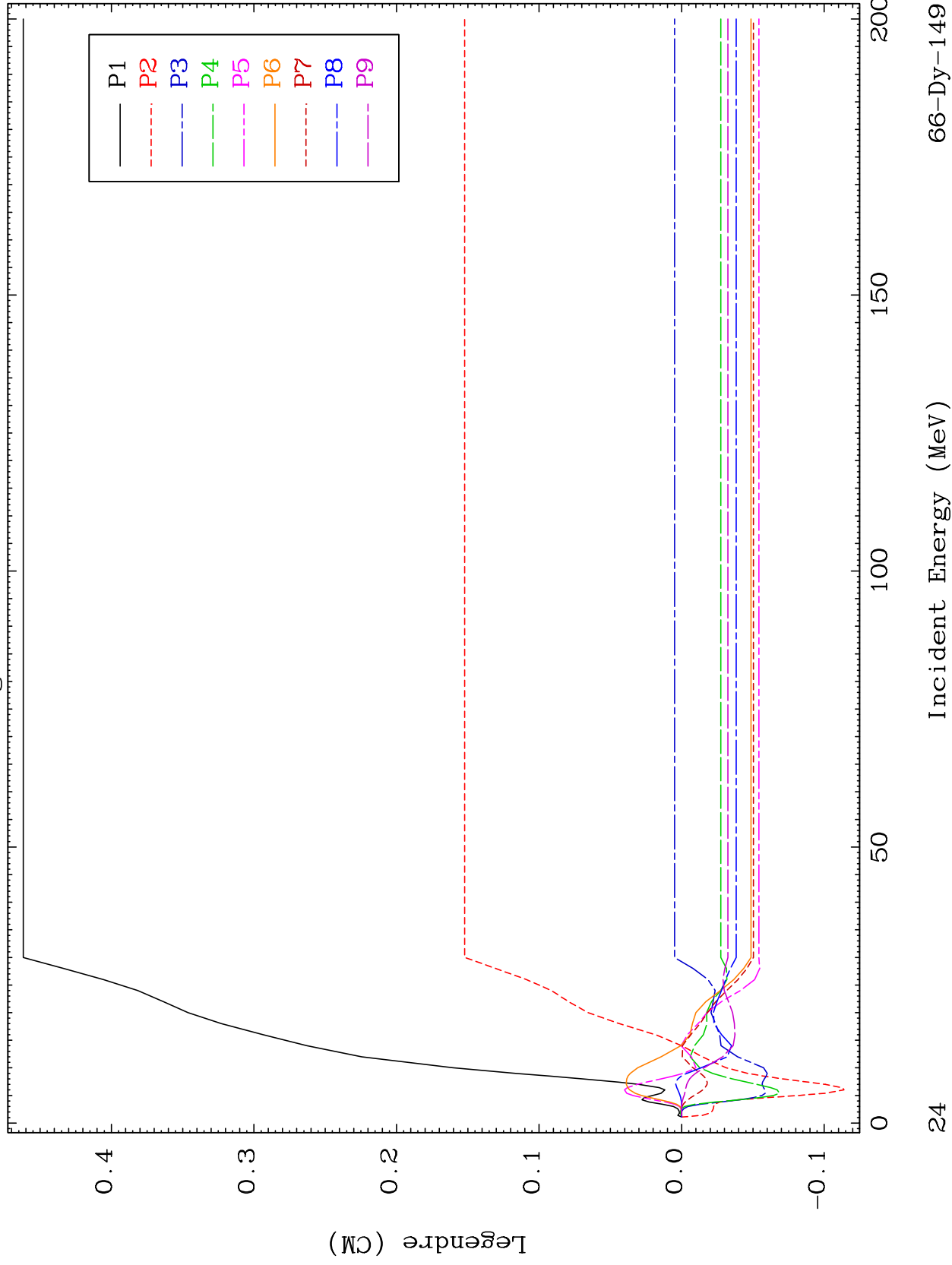




MAT 6604

1.073 MeV (n,n') Level
Legendre Coefficients

66-Dy-149



66-Dy-149

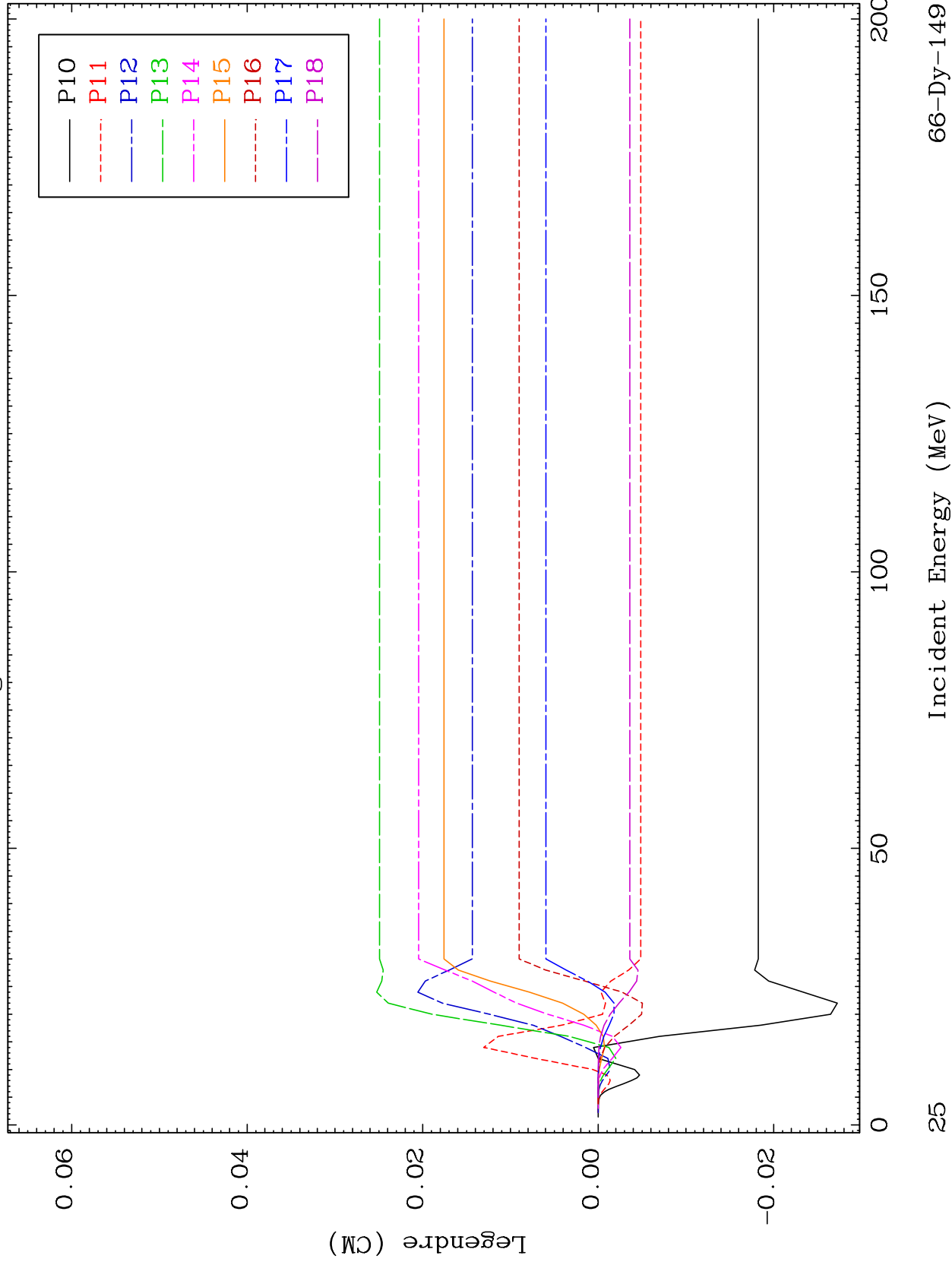
Incident Energy (MeV)

24

MAT 6604

1.073 MeV (n,n') Level
Legendre Coefficients

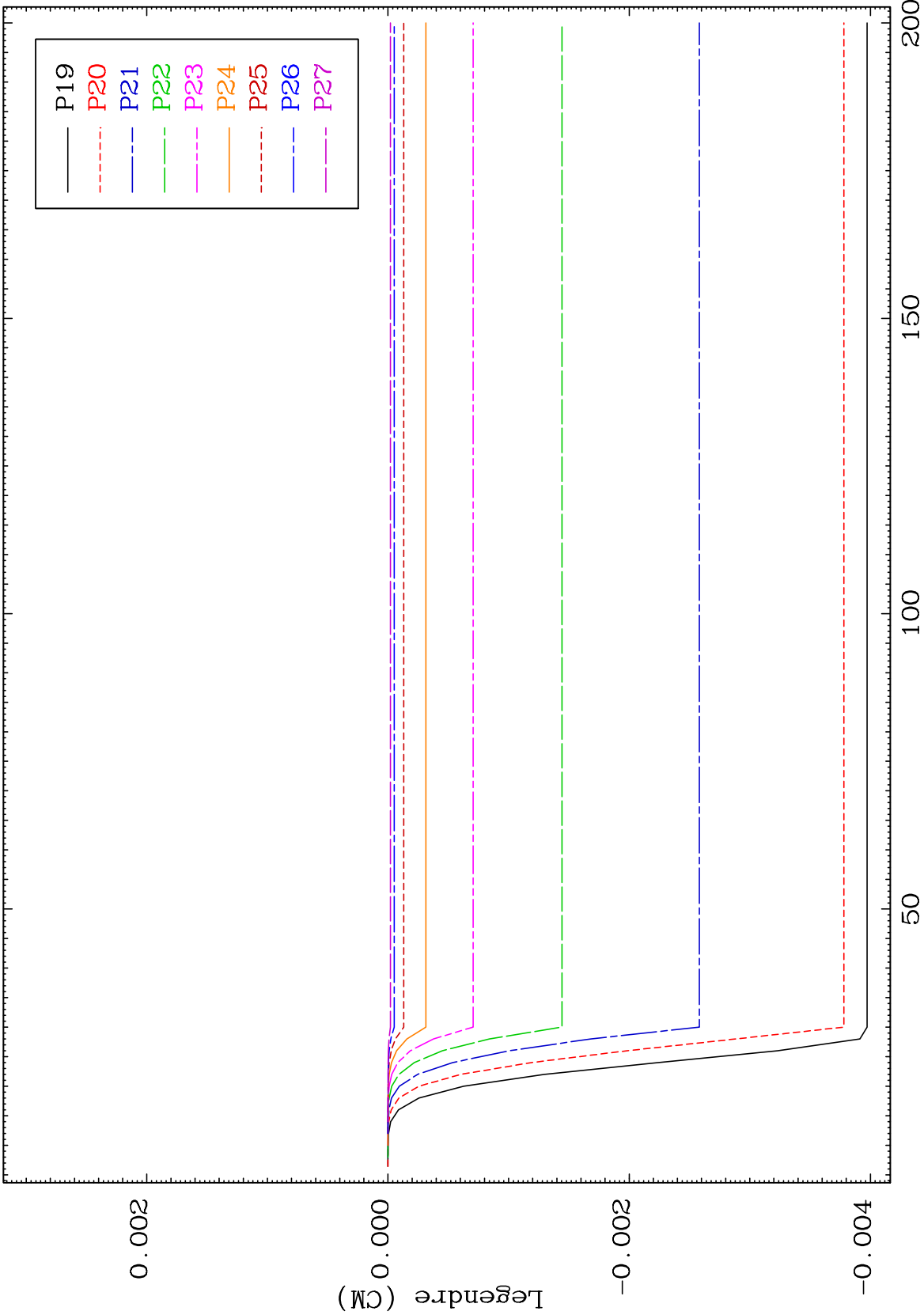
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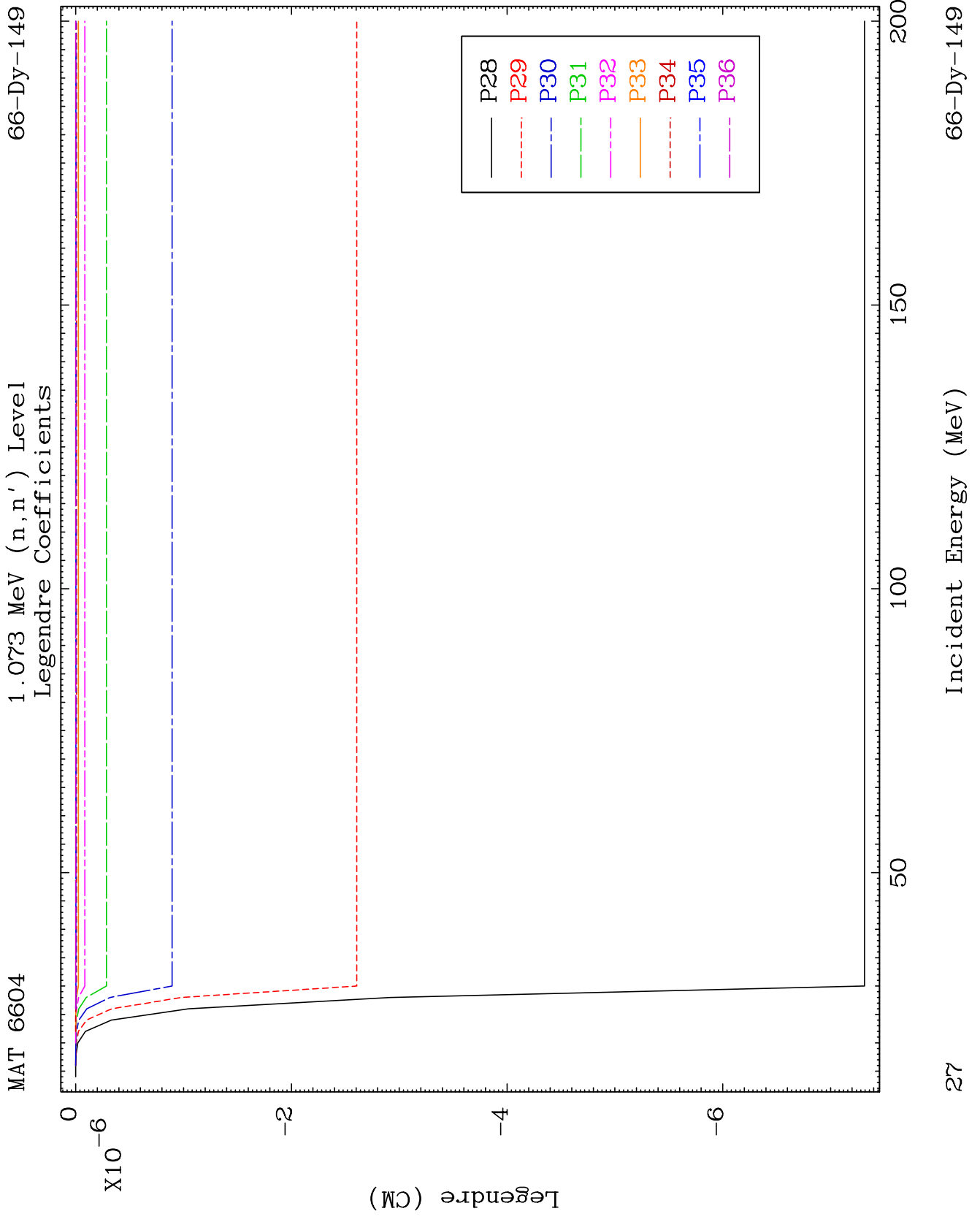


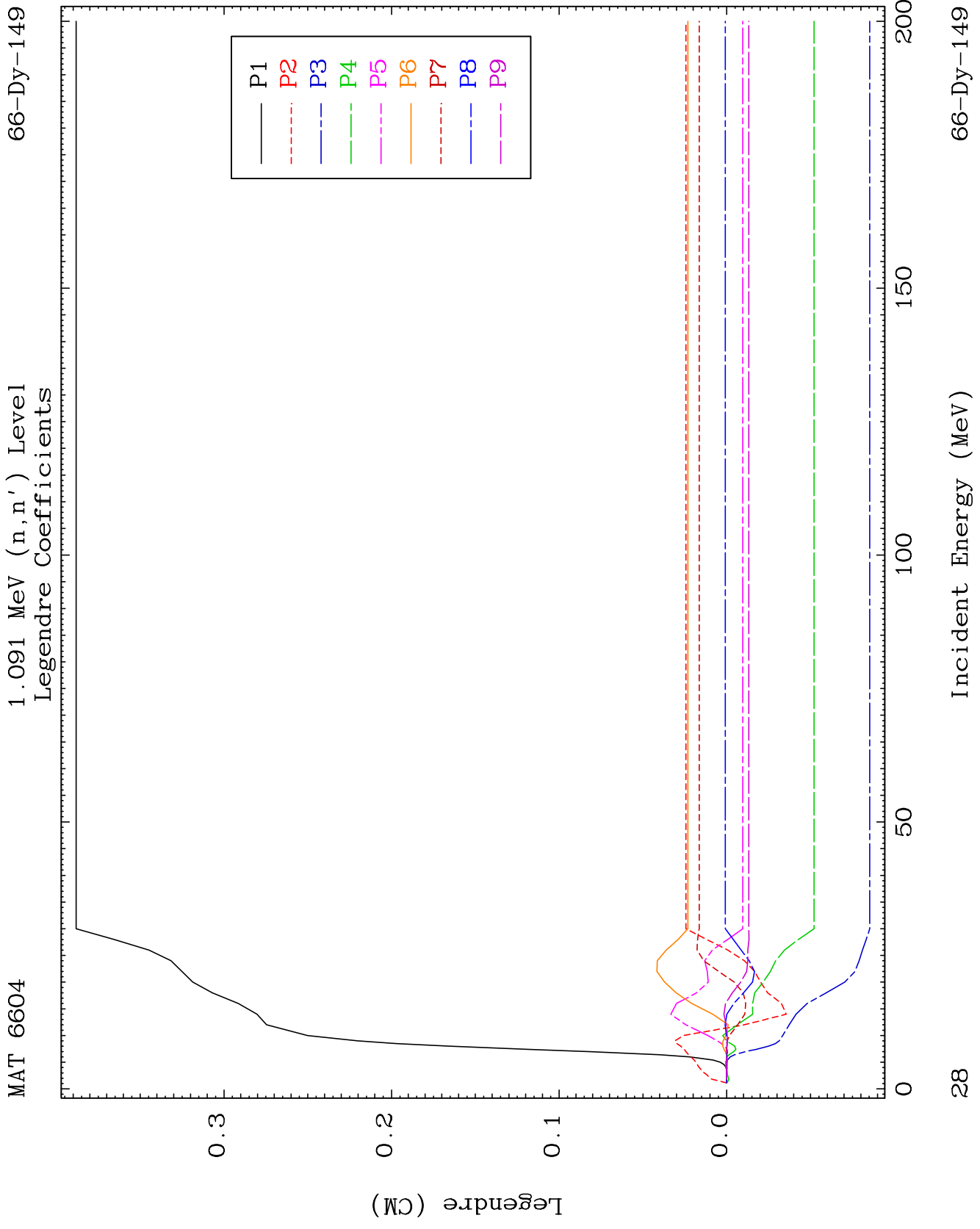
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Incident Energy (MeV)

25



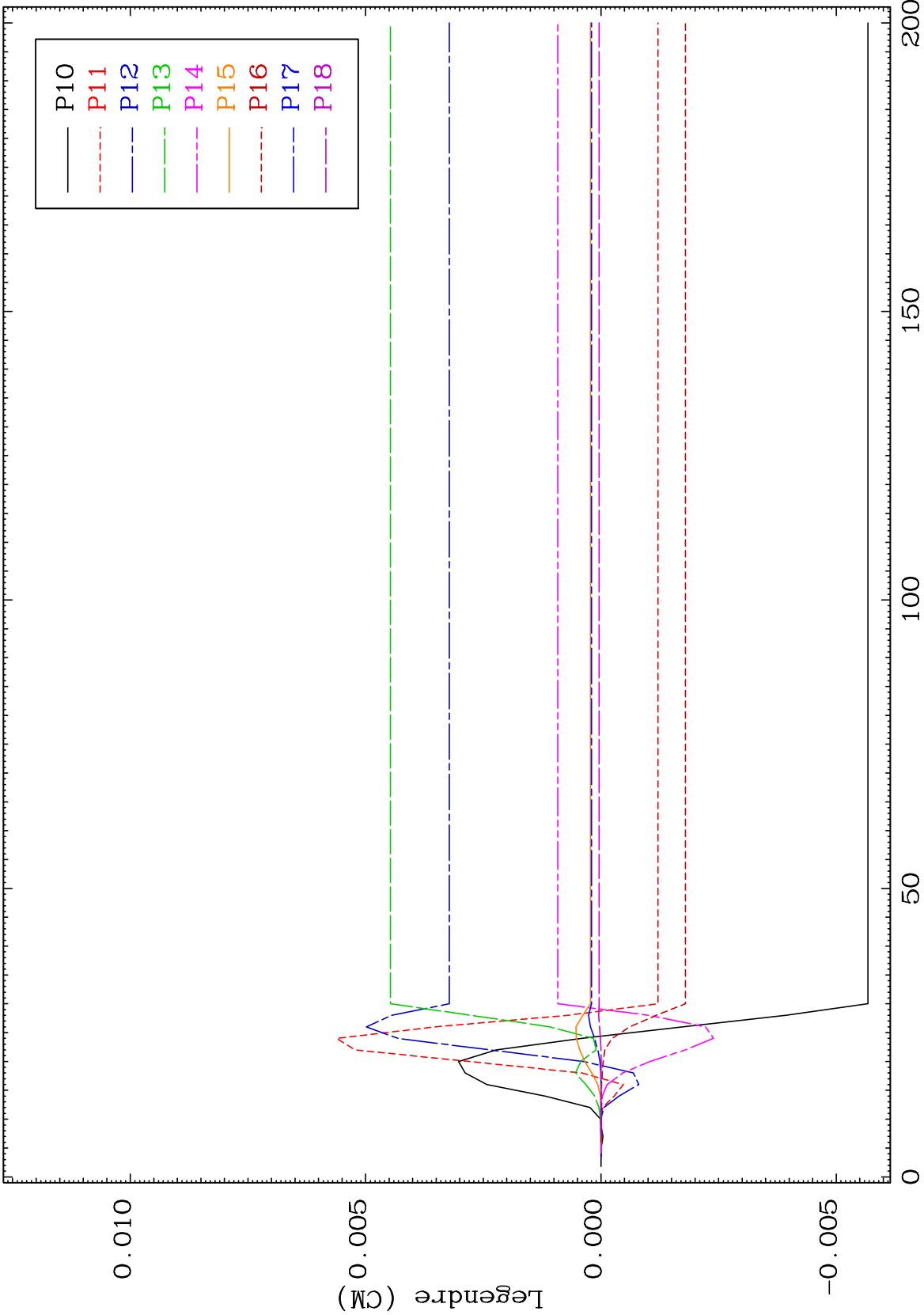




MAT 6604

1.091 MeV (n,n') Level
Legendre Coefficients

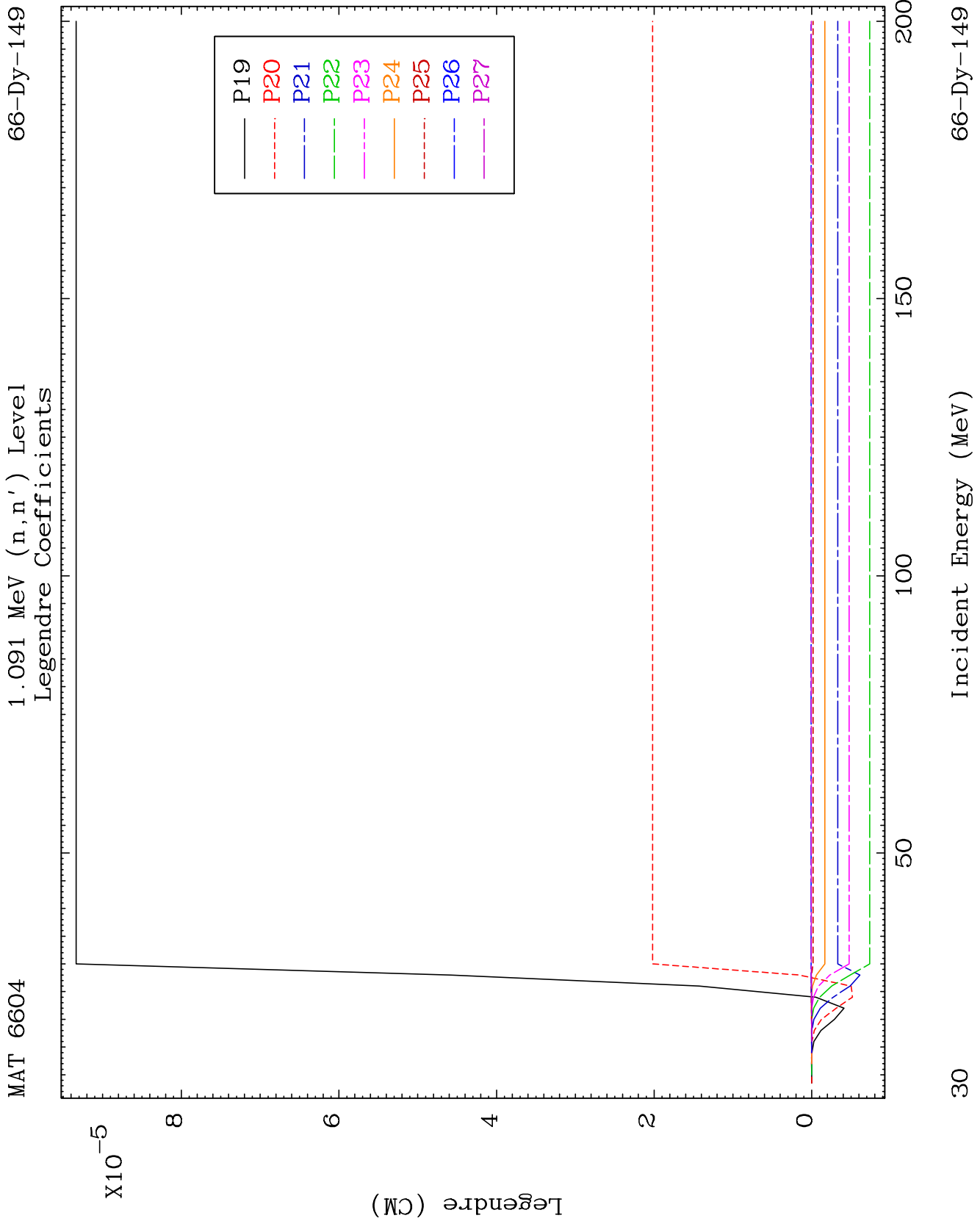
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29

Incident Energy (MeV)

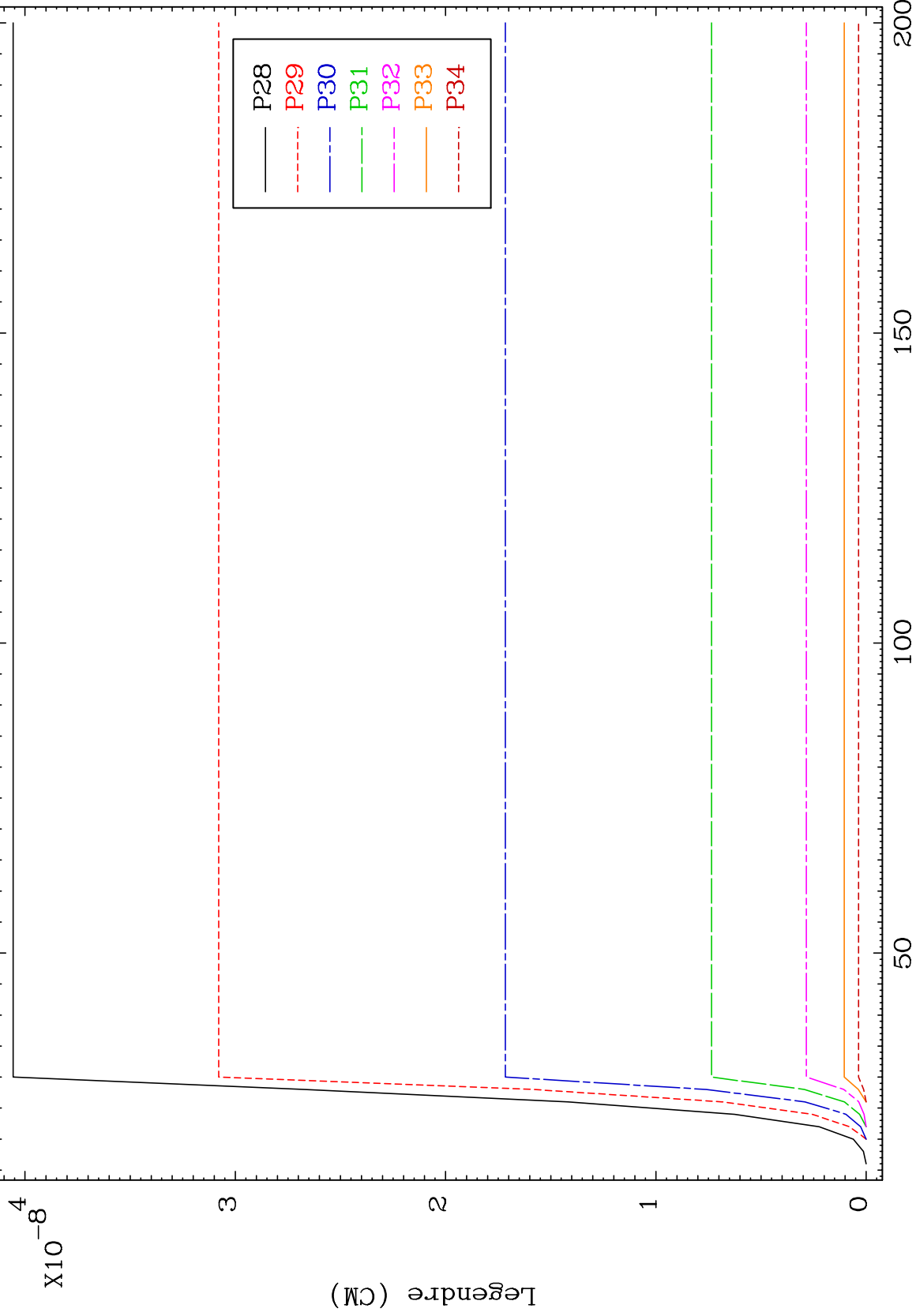
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MAT 6604

1.091 MeV (n,n') Level
Legendre Coefficients

66-Dy-149



31

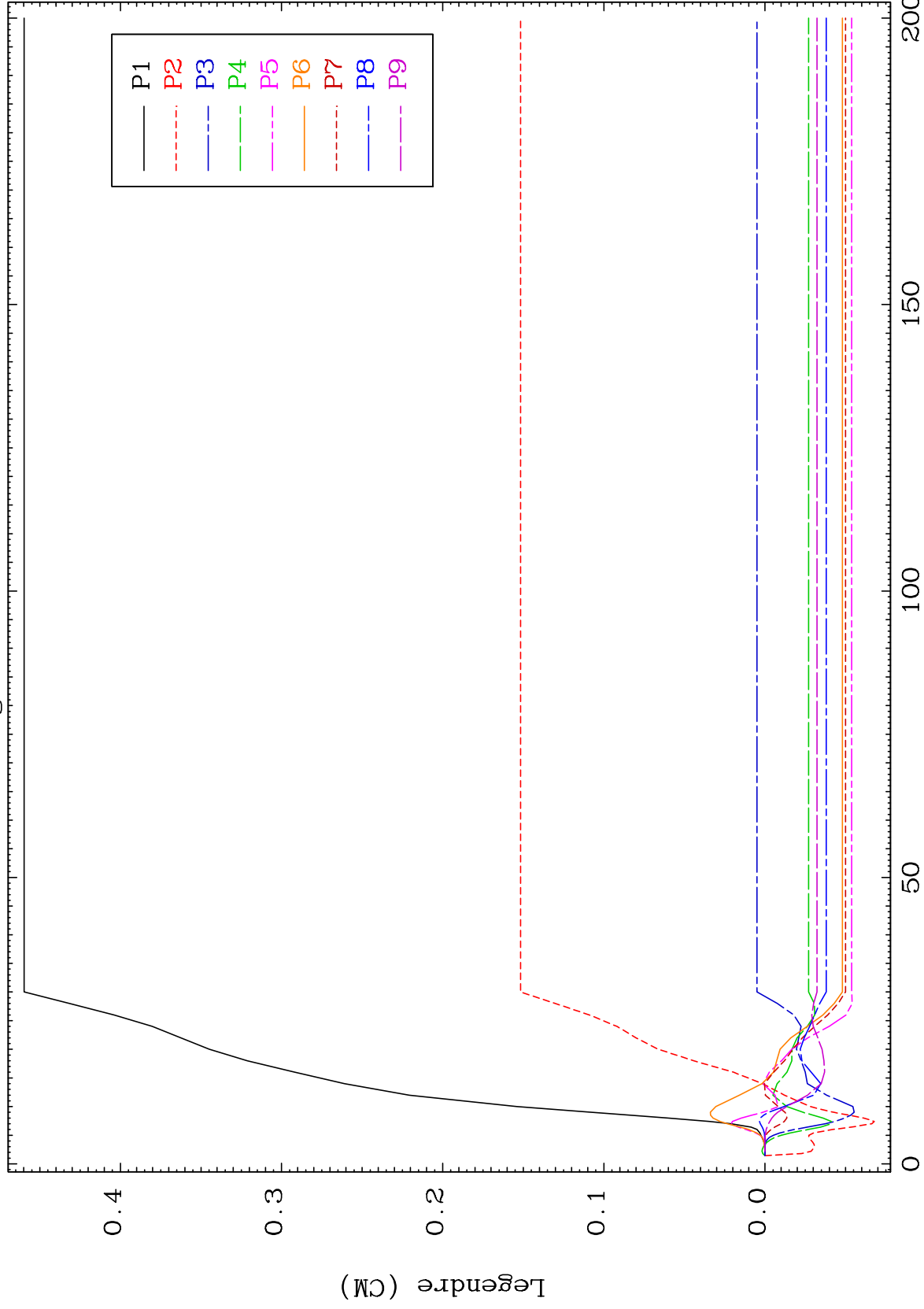
Incident Energy (MeV)

66-Dy-149

MAT 6604

1.407 MeV (n,n') Level
Legendre Coefficients

66-Dy-149



66-Dy-149

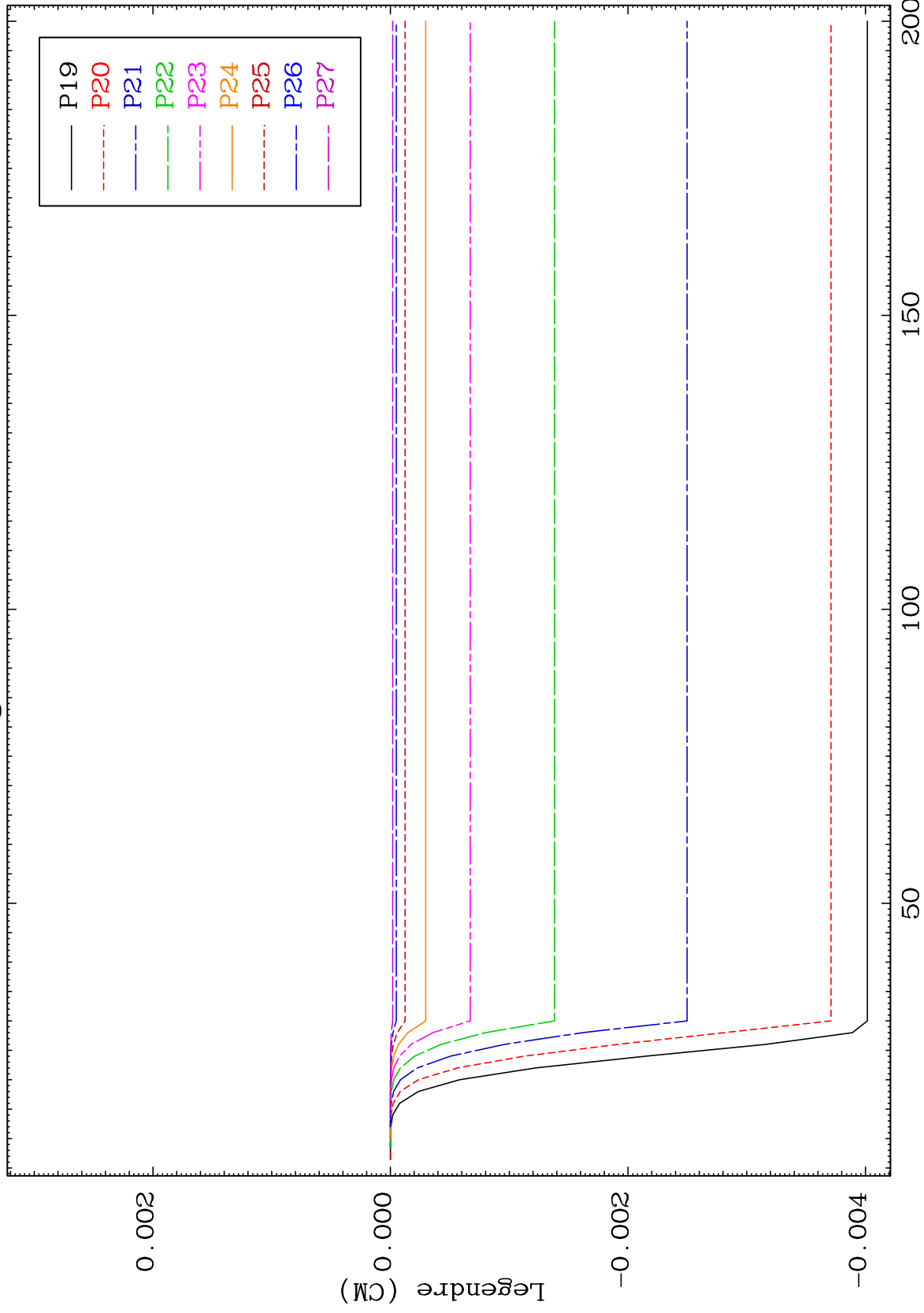
Incident Energy (MeV)

32

MAT 6604

1.407 MeV (n,n') Level
Legendre Coefficients

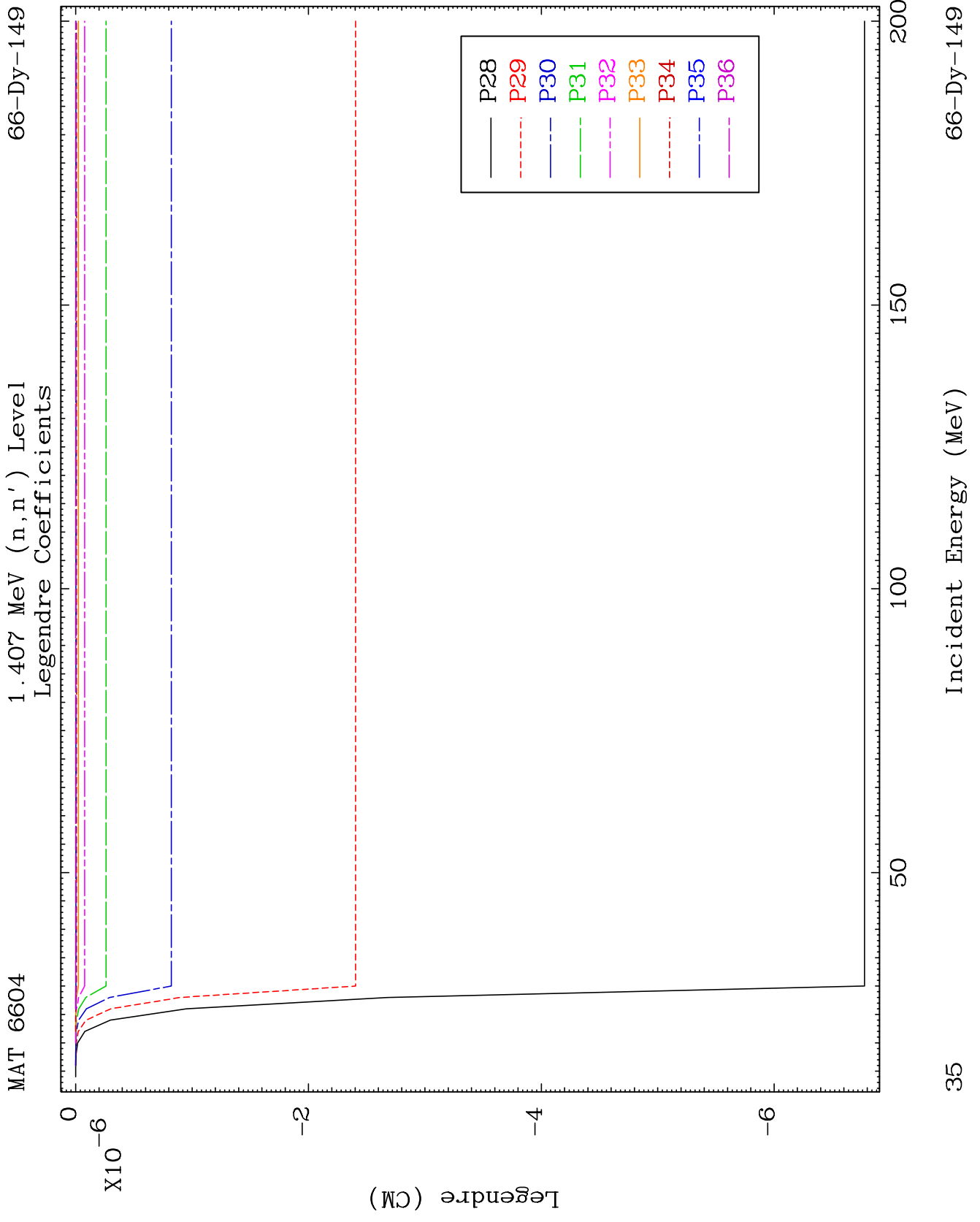
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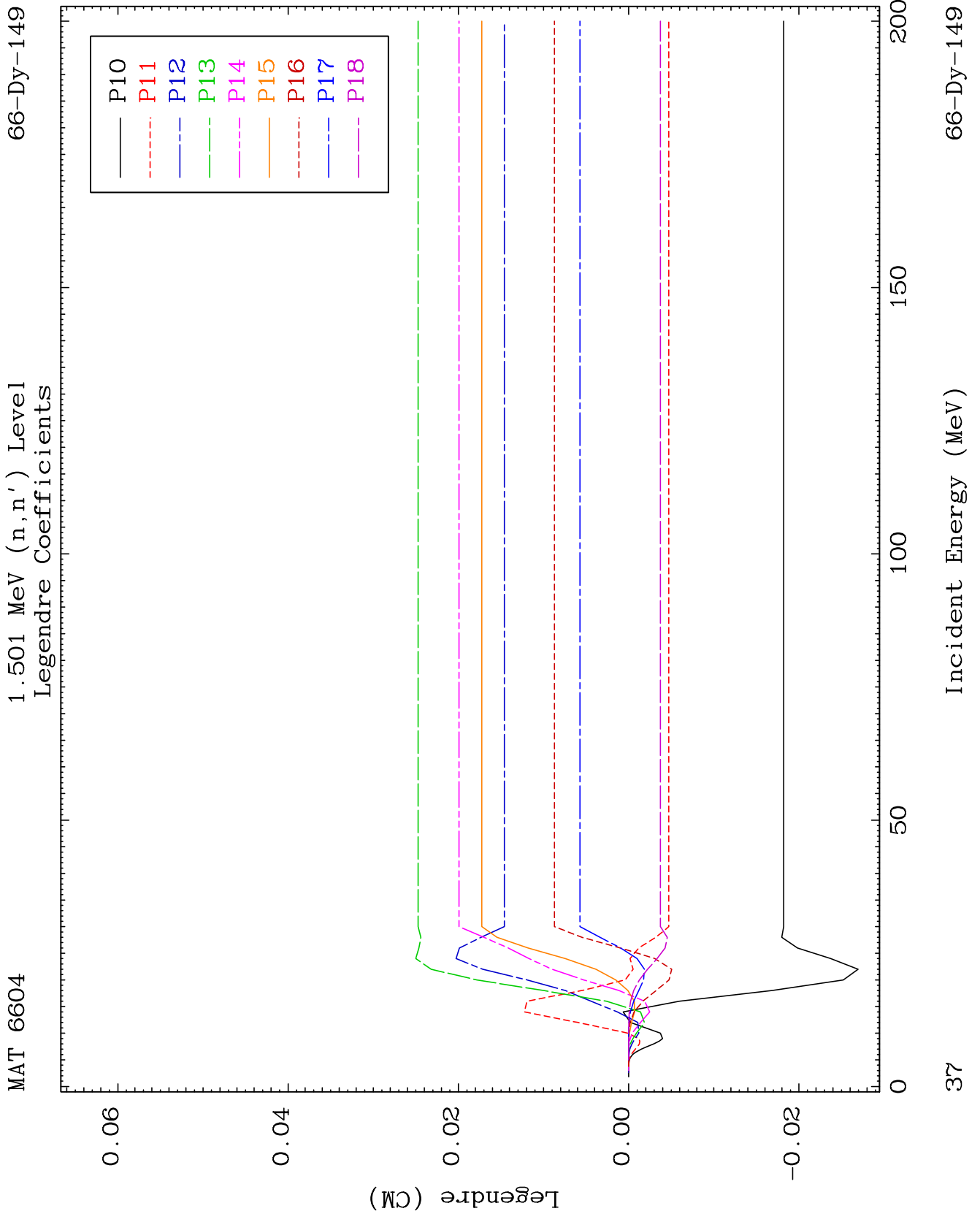


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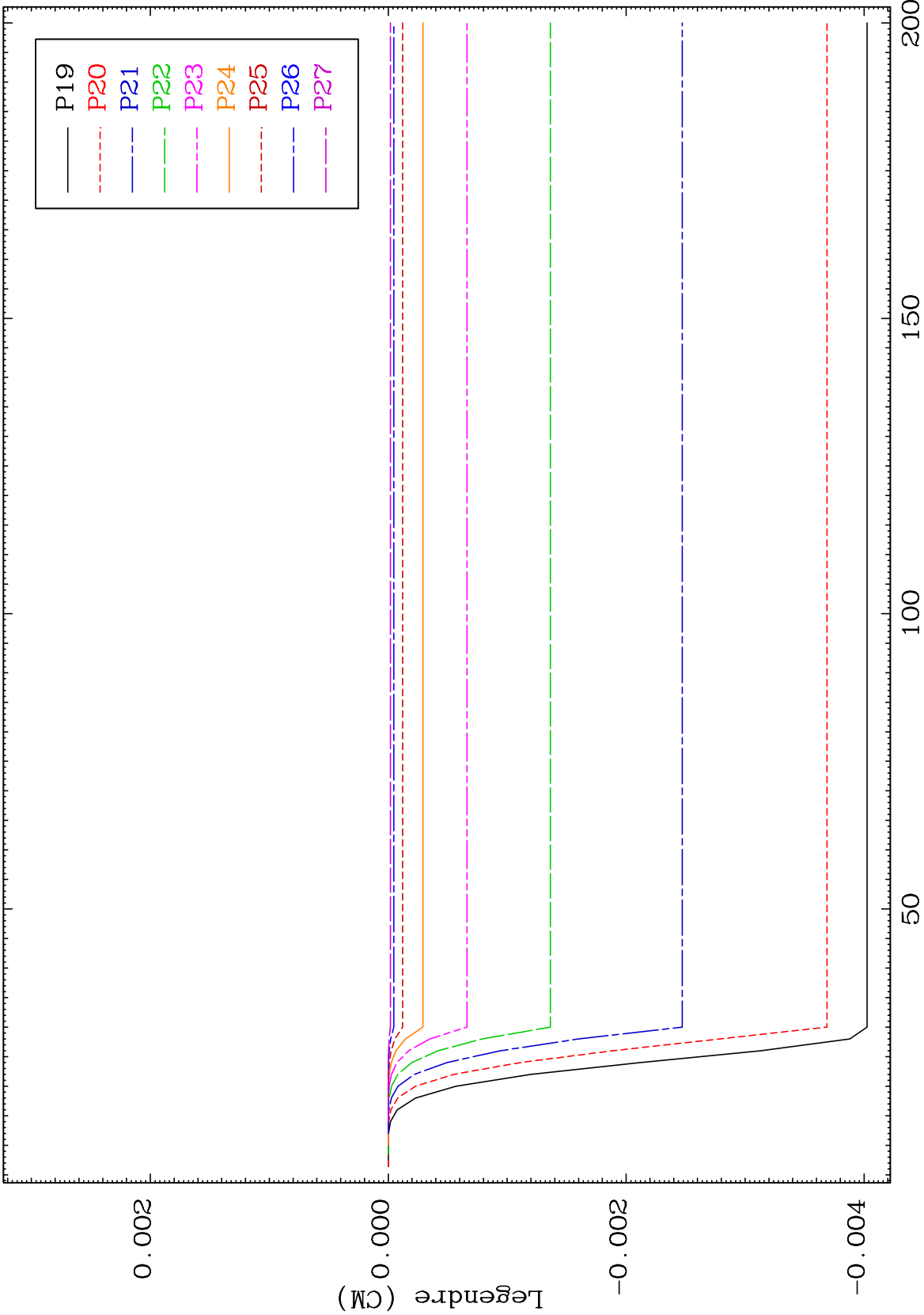
Incident Energy (MeV)

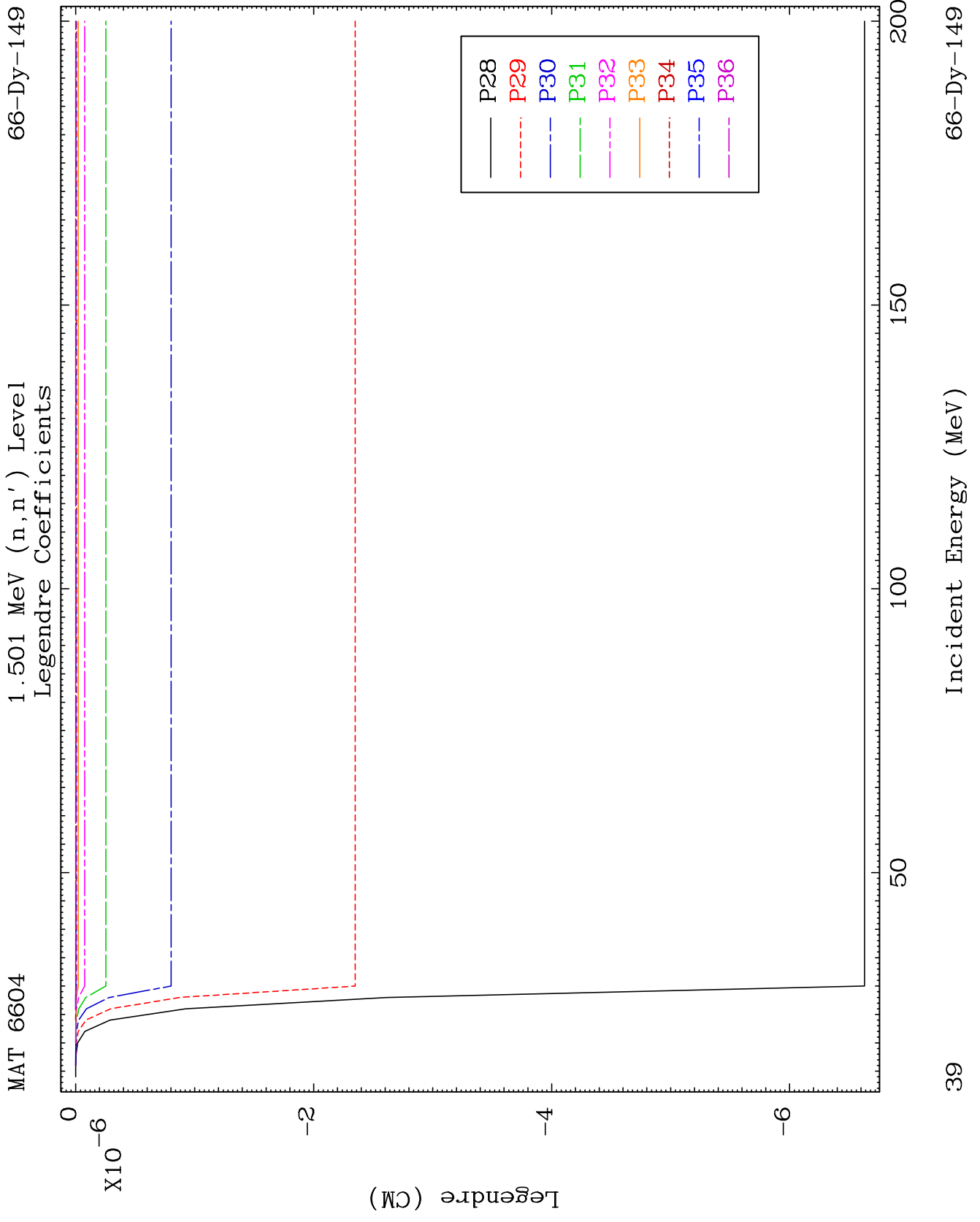
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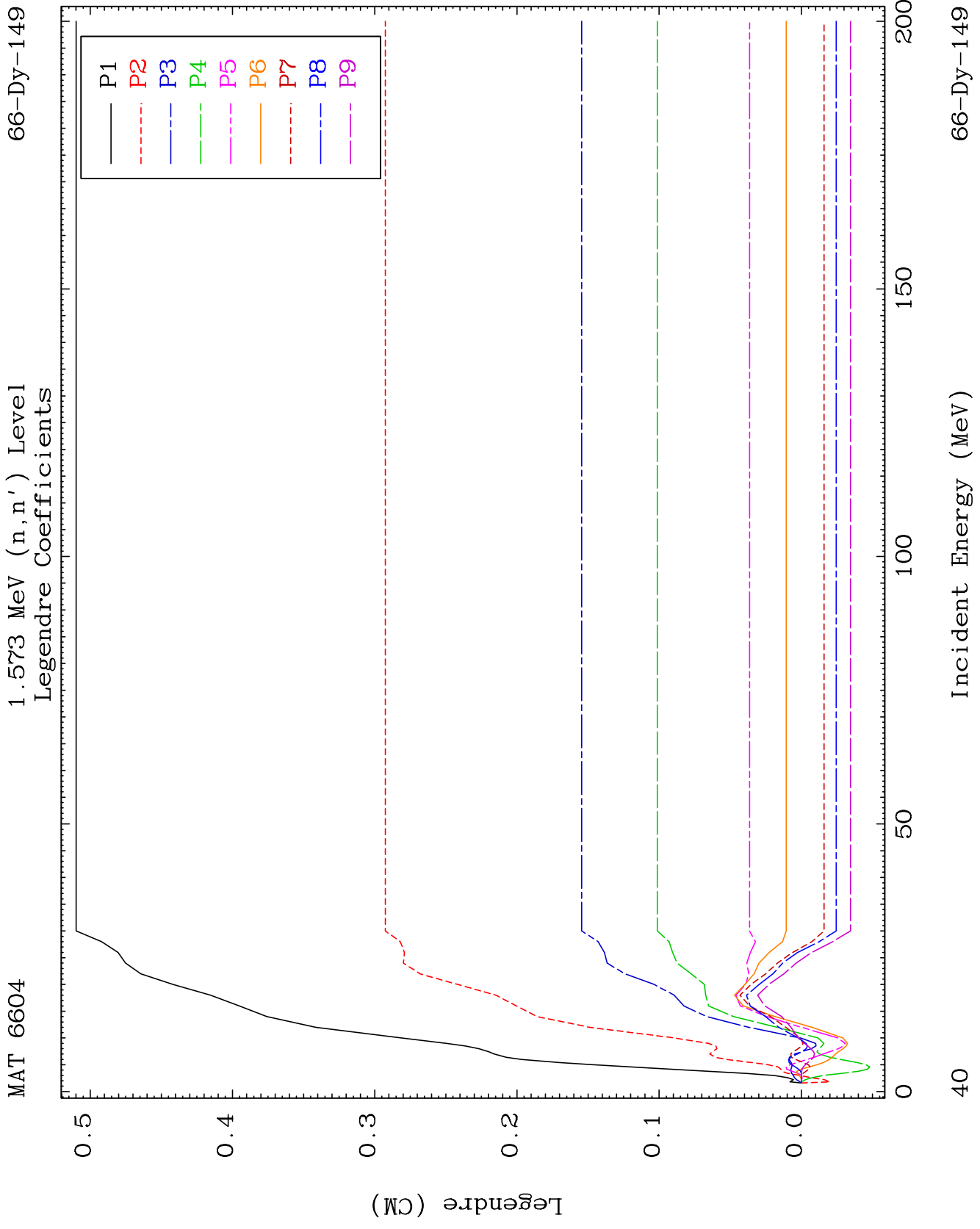




MAT 6604 1.501 MeV (n,n') Level Legendre Coefficients 66-Dy-149



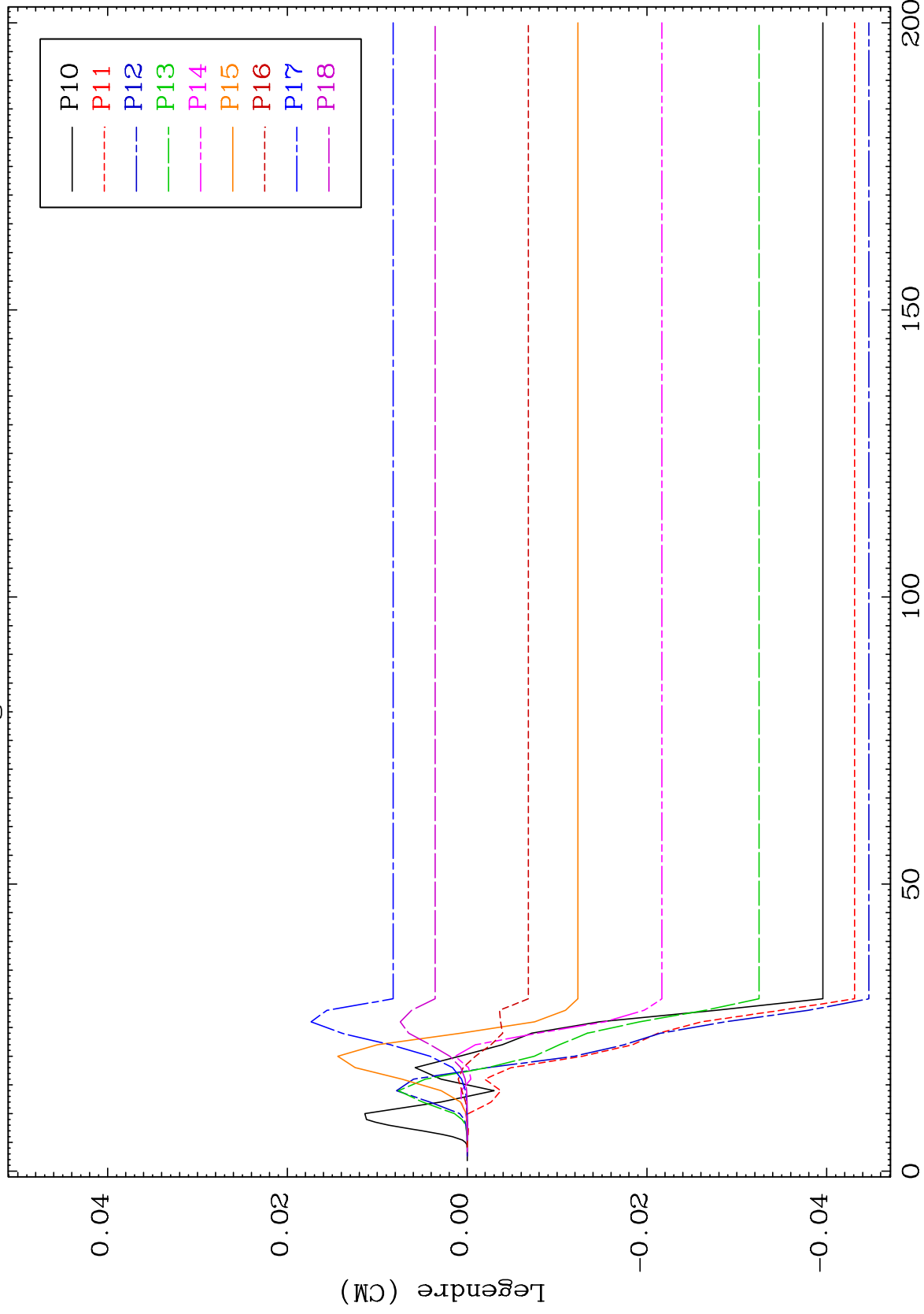




MAT 6604

1.573 MeV (n,n') Level
Legendre Coefficients

66-Dy-149



41

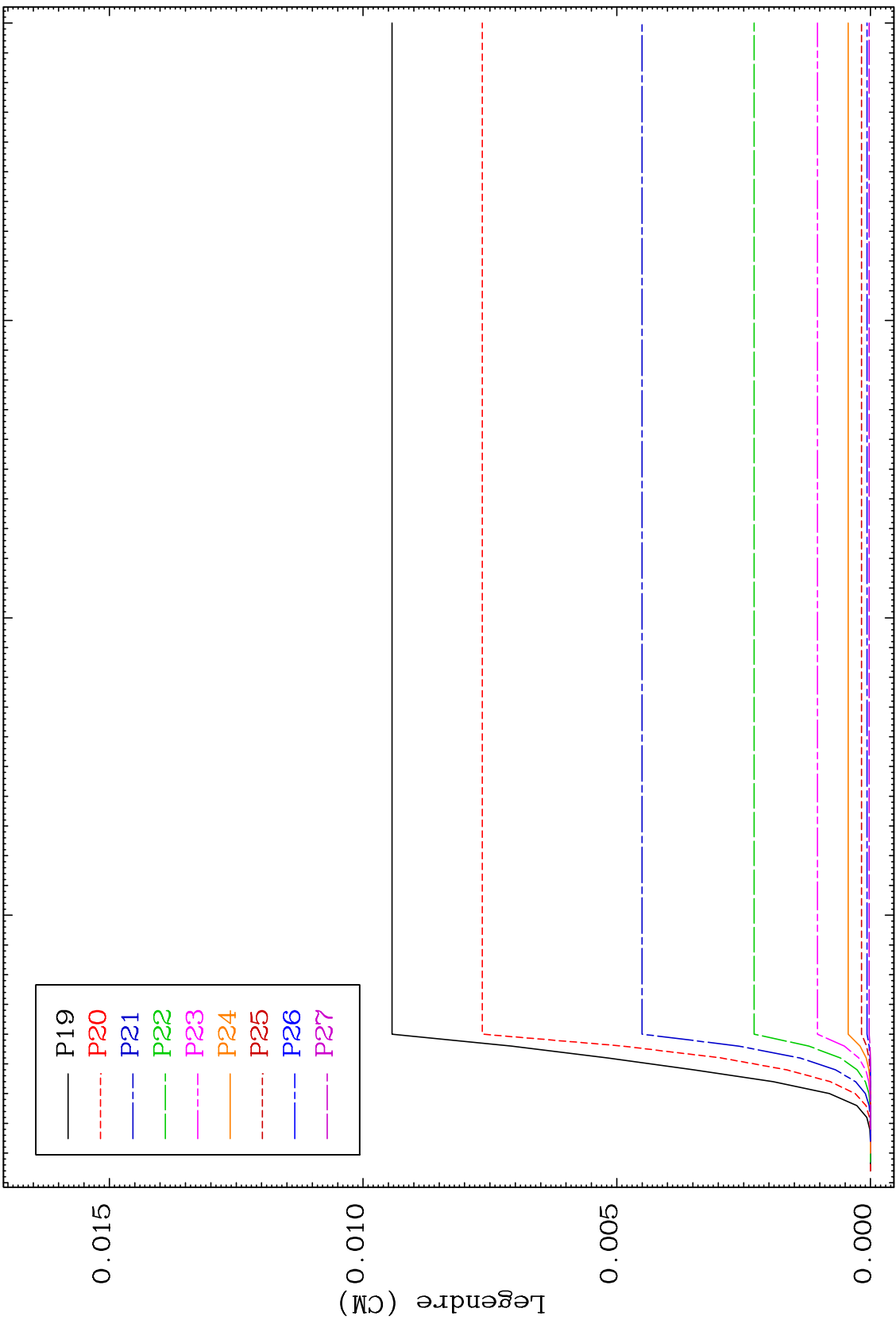
Incident Energy (MeV)

66-Dy-149

MAT 6604

1.573 MeV (n,n') Level Legendre Coefficients

66-Dy-149



42

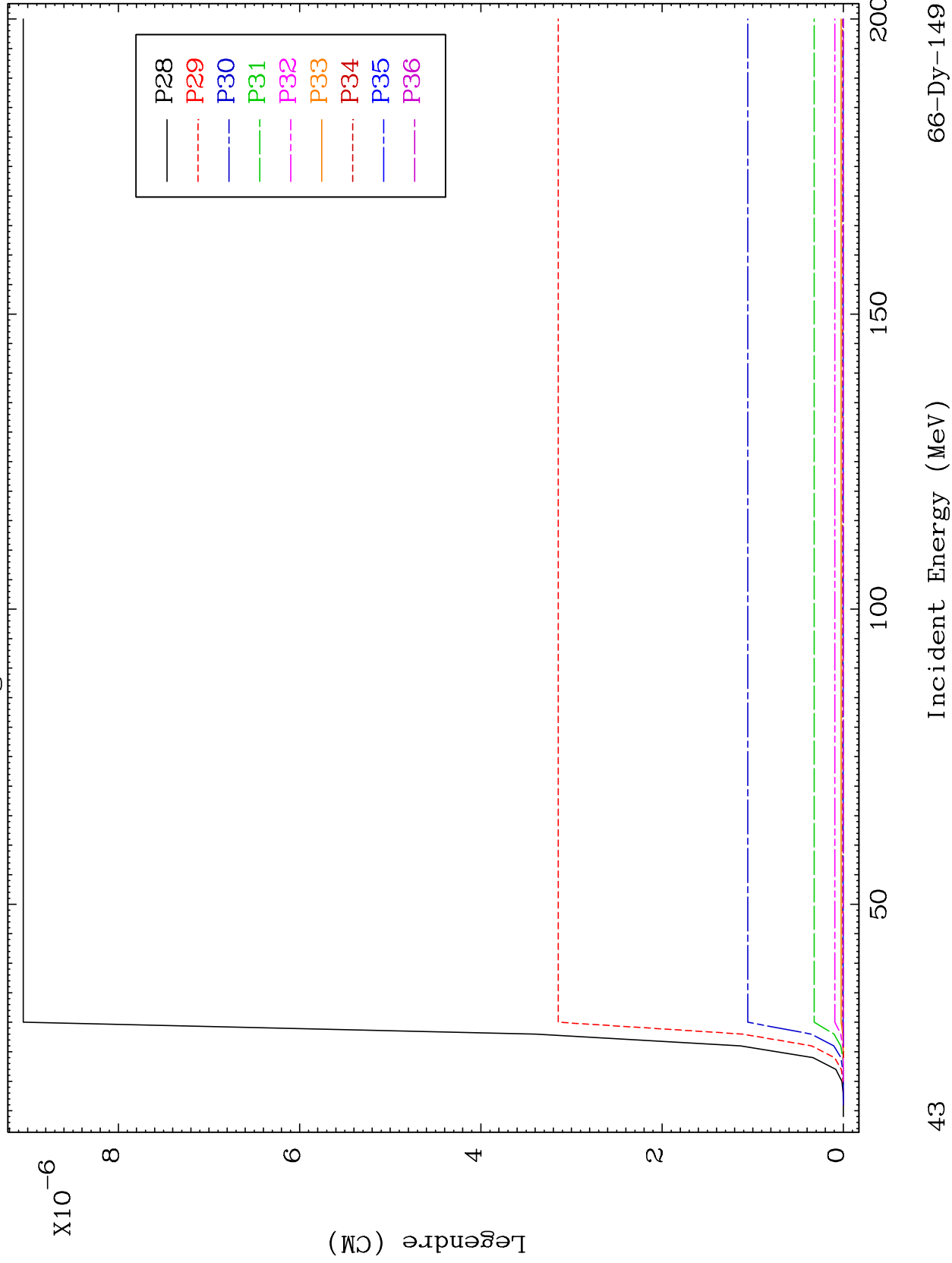
Incident Energy (MeV)

66-Dy-149

MAT 6604

1.573 MeV (n,n') Level
Legendre Coefficients

66-Dy-149



43

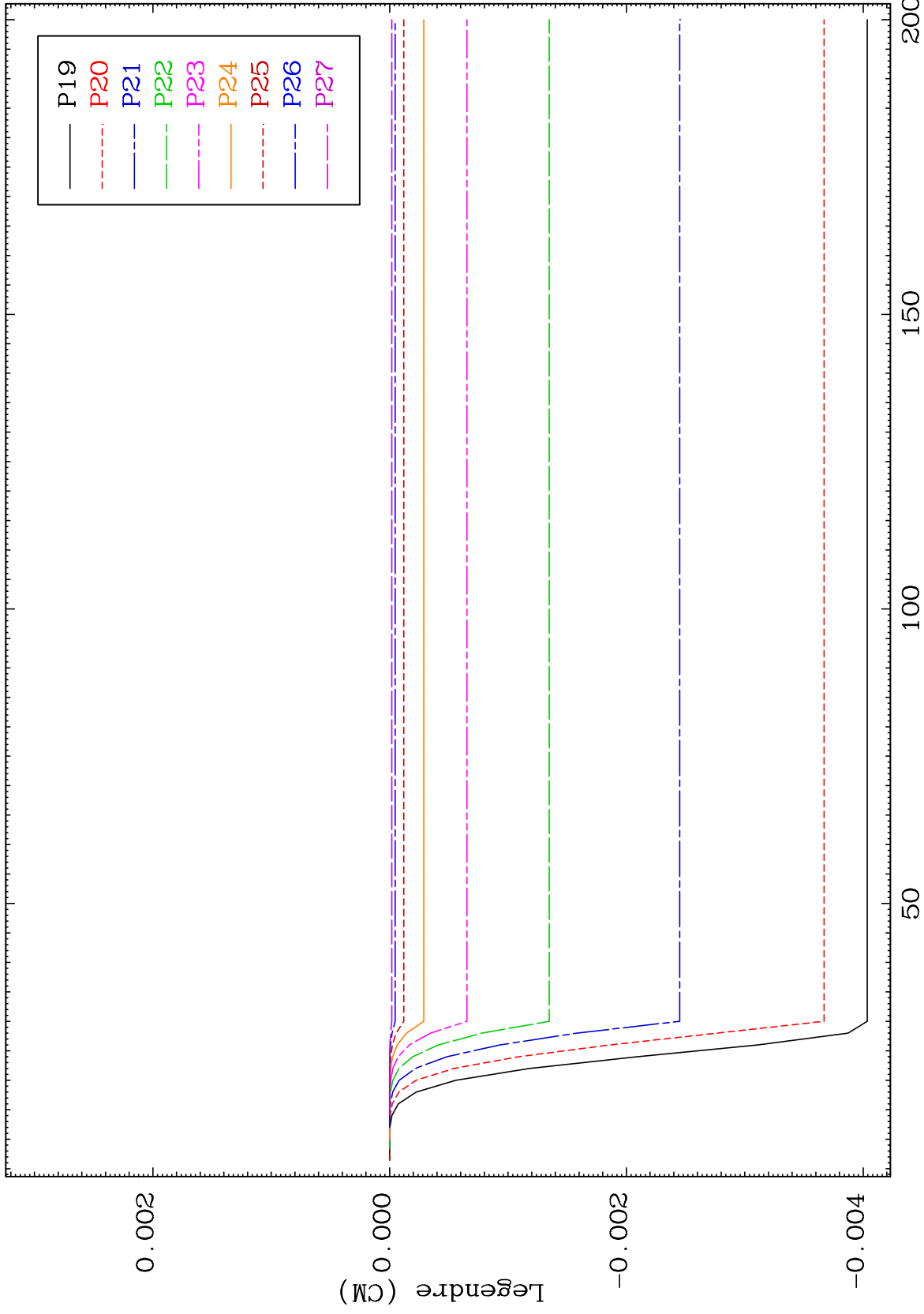
Incident Energy (MeV)

66-Dy-149

MAT 6604

1.584 MeV (n,n') Level
Legendre Coefficients

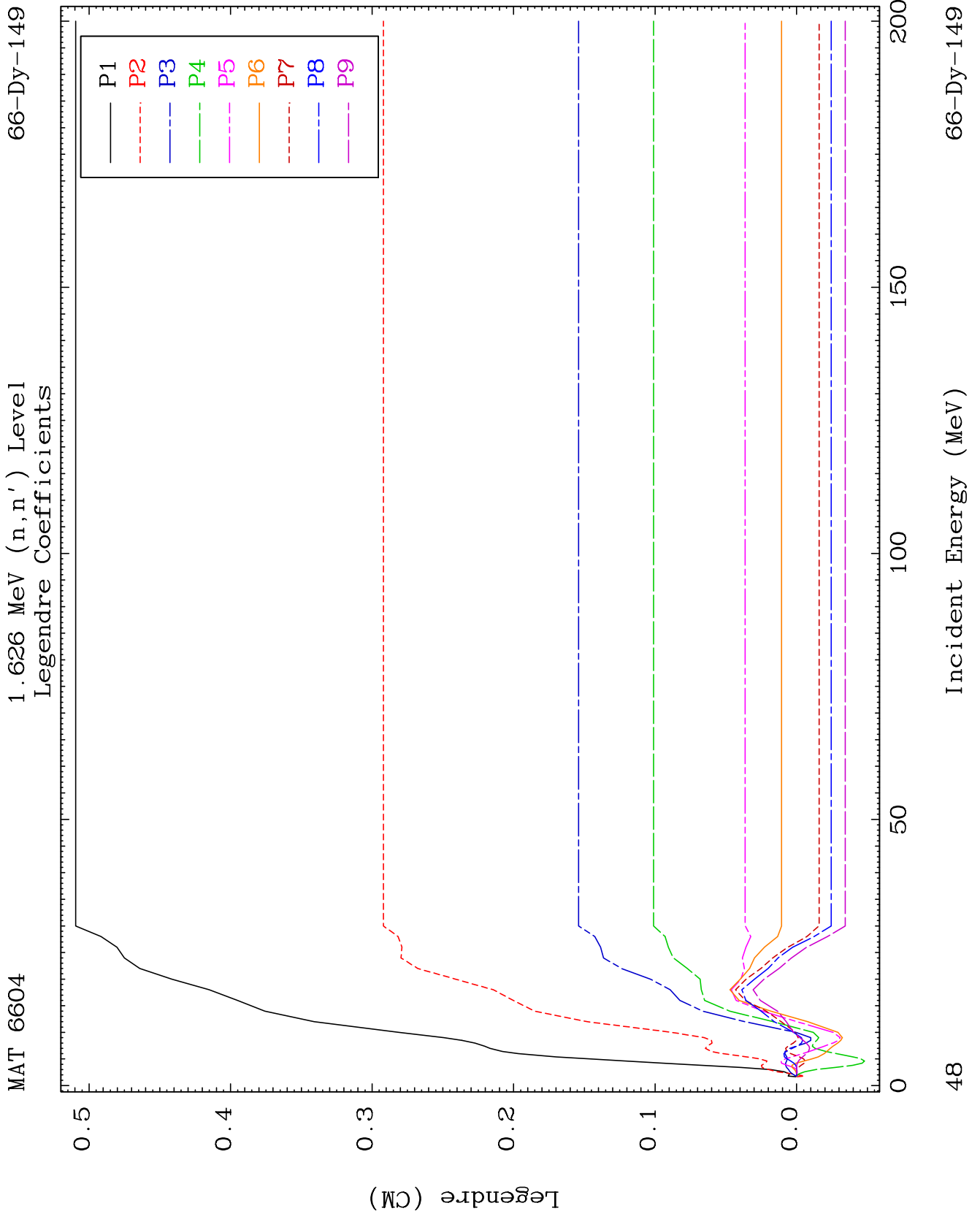
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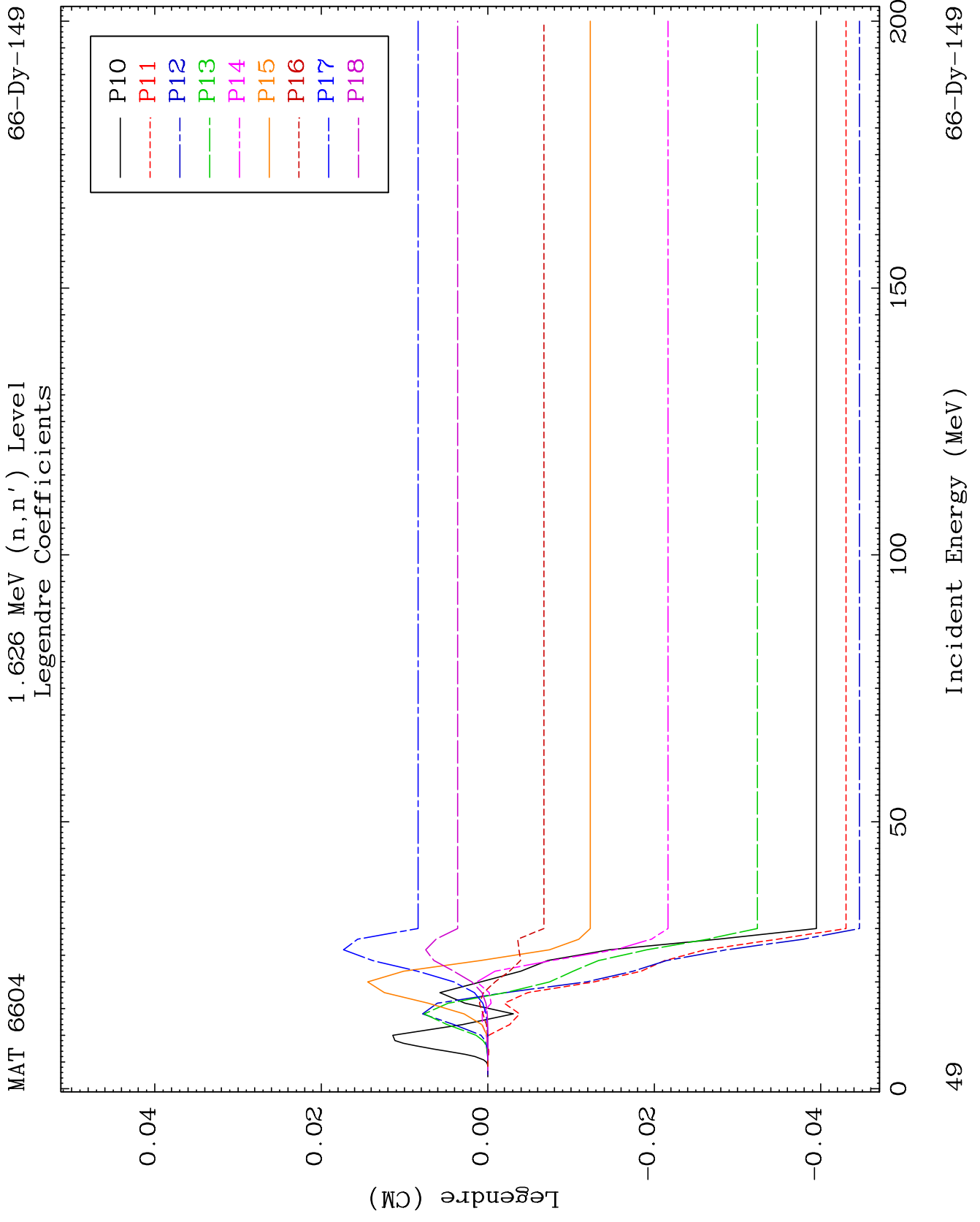


46

Incident Energy (MeV)

66-Dy-149

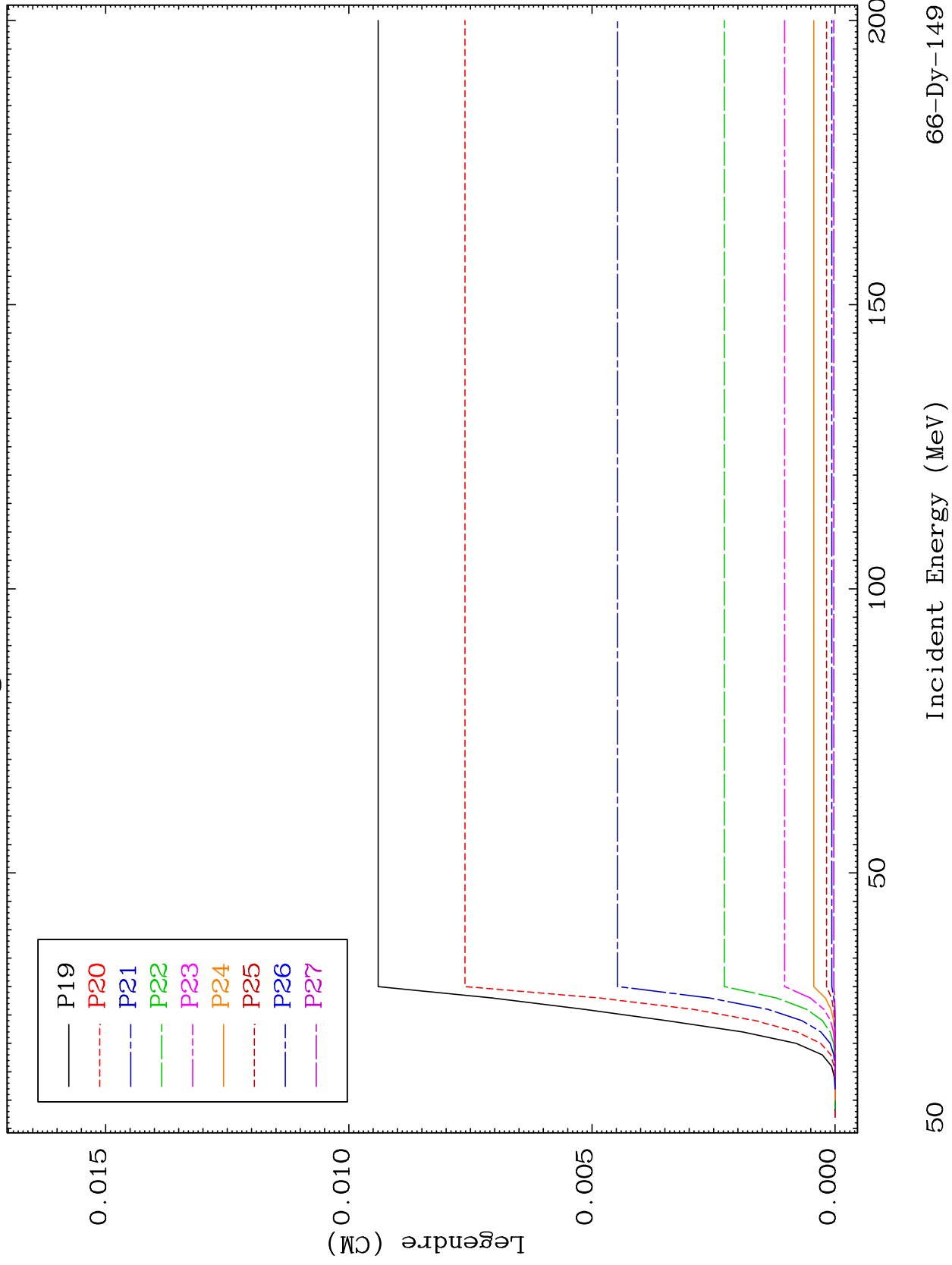




MAT 6604

1.626 MeV (n,n') Level
Legendre Coefficients

66-Dy-149



66-Dy-149

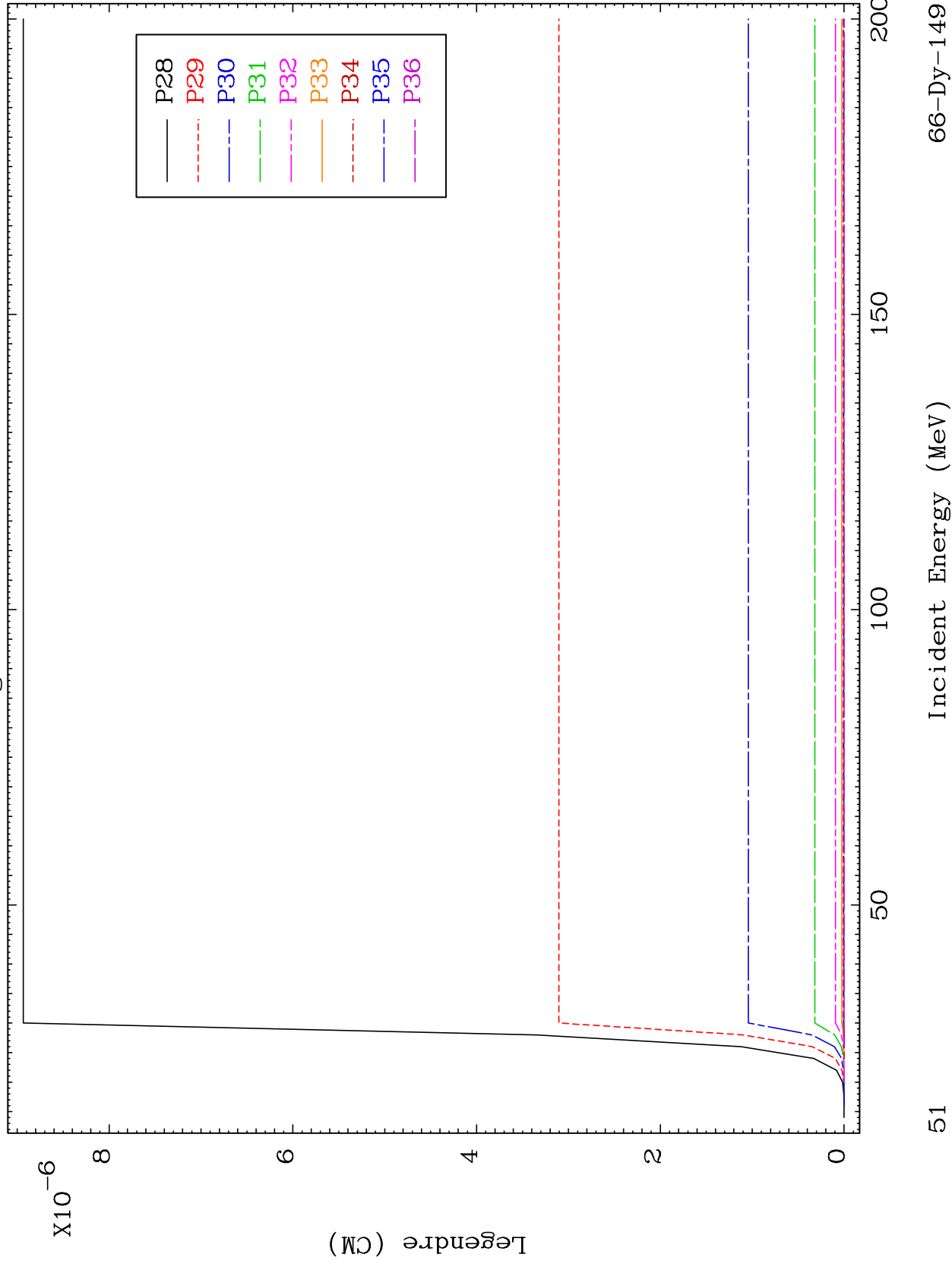
Incident Energy (MeV)

50

MAT 6604

1.626 MeV (n,n') Level
Legendre Coefficients

66-Dy-149



51

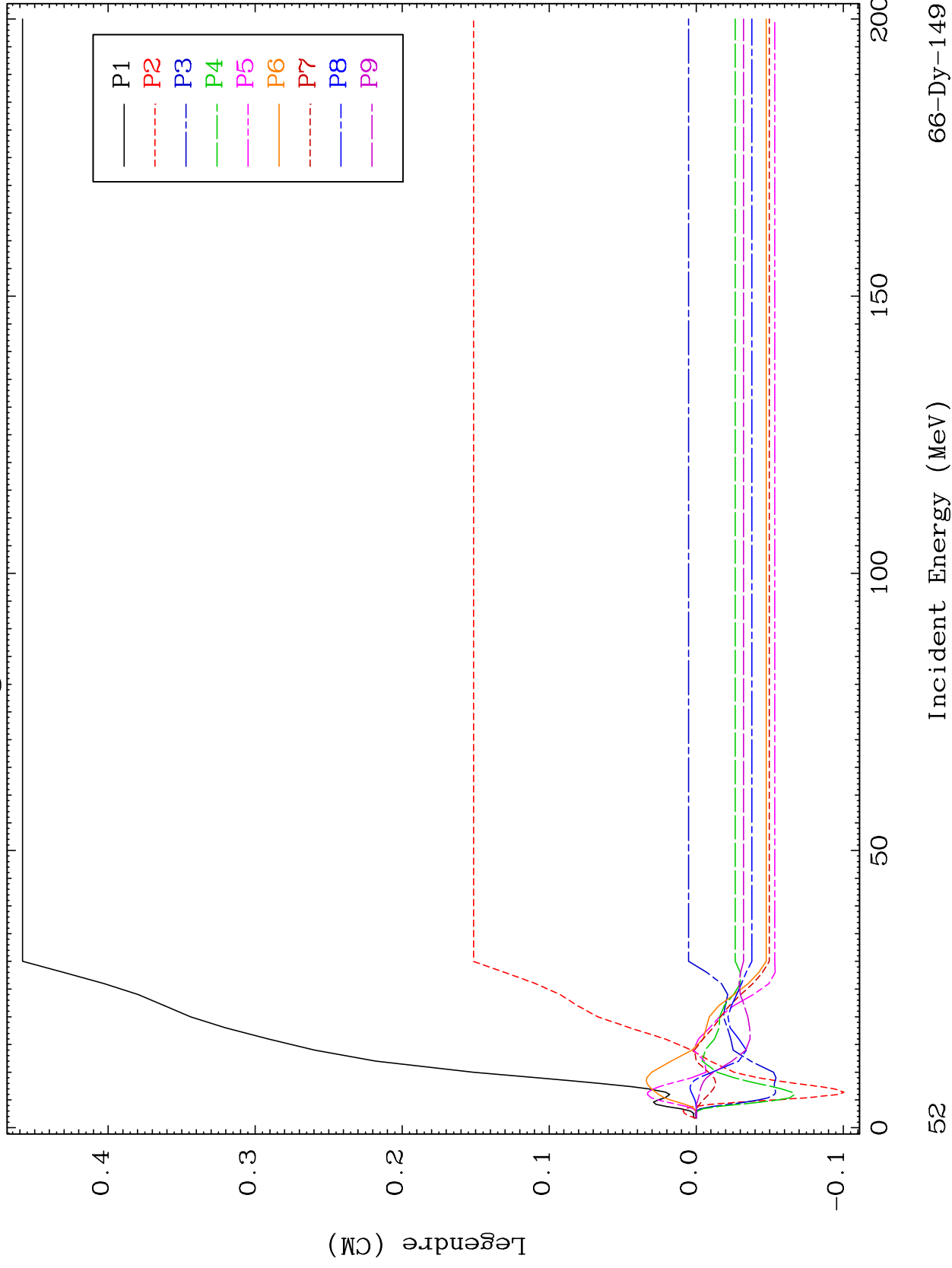
Incident Energy (MeV)

66-Dy-149

MAT 6604

1.663 MeV (n,n') Level
Legendre Coefficients

66-Dy-149



66-Dy-149

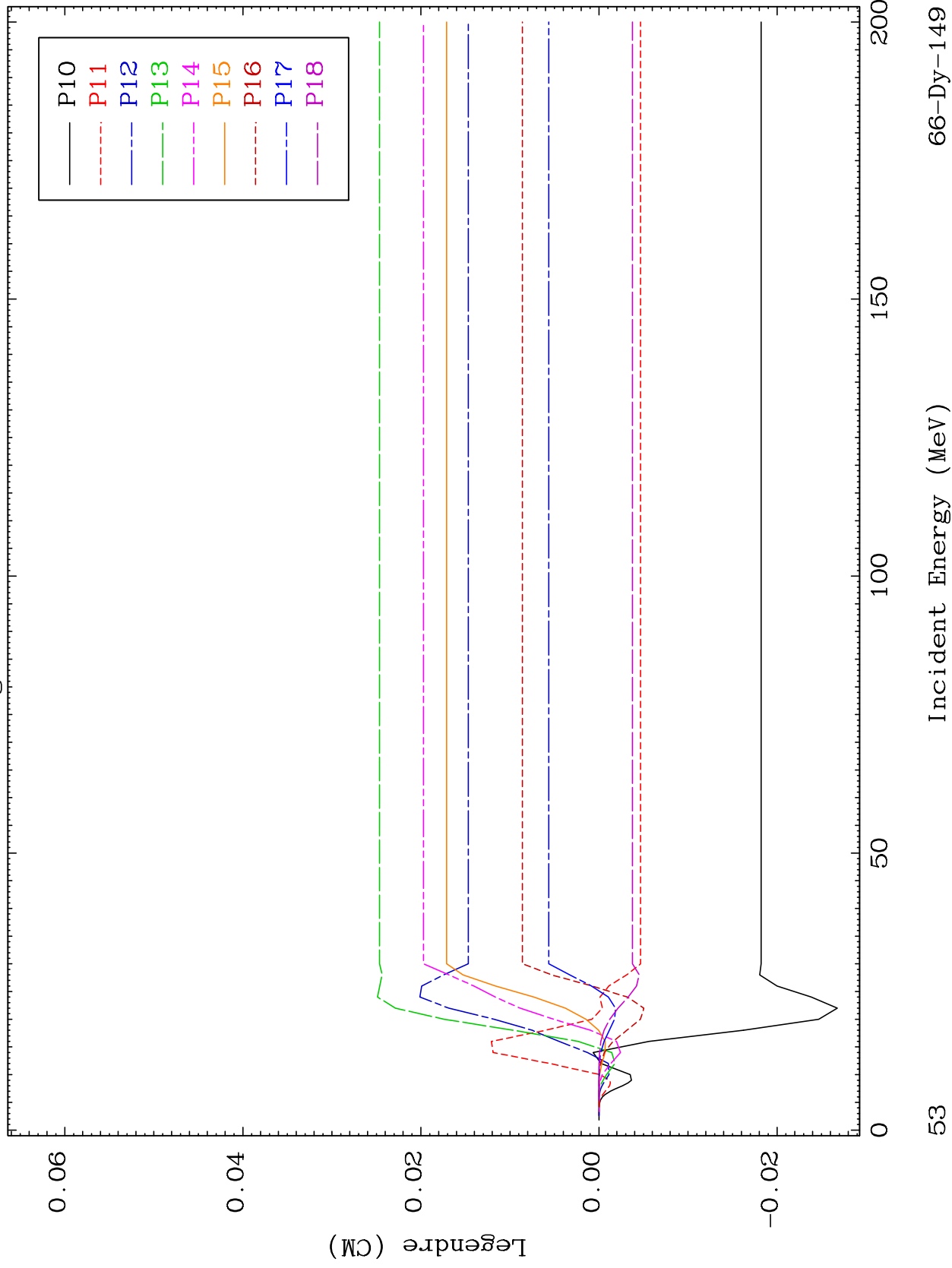
Incident Energy (MeV)

52

MAT 6604

1.663 MeV (n,n') Level
Legendre Coefficients

66-Dy-149



53

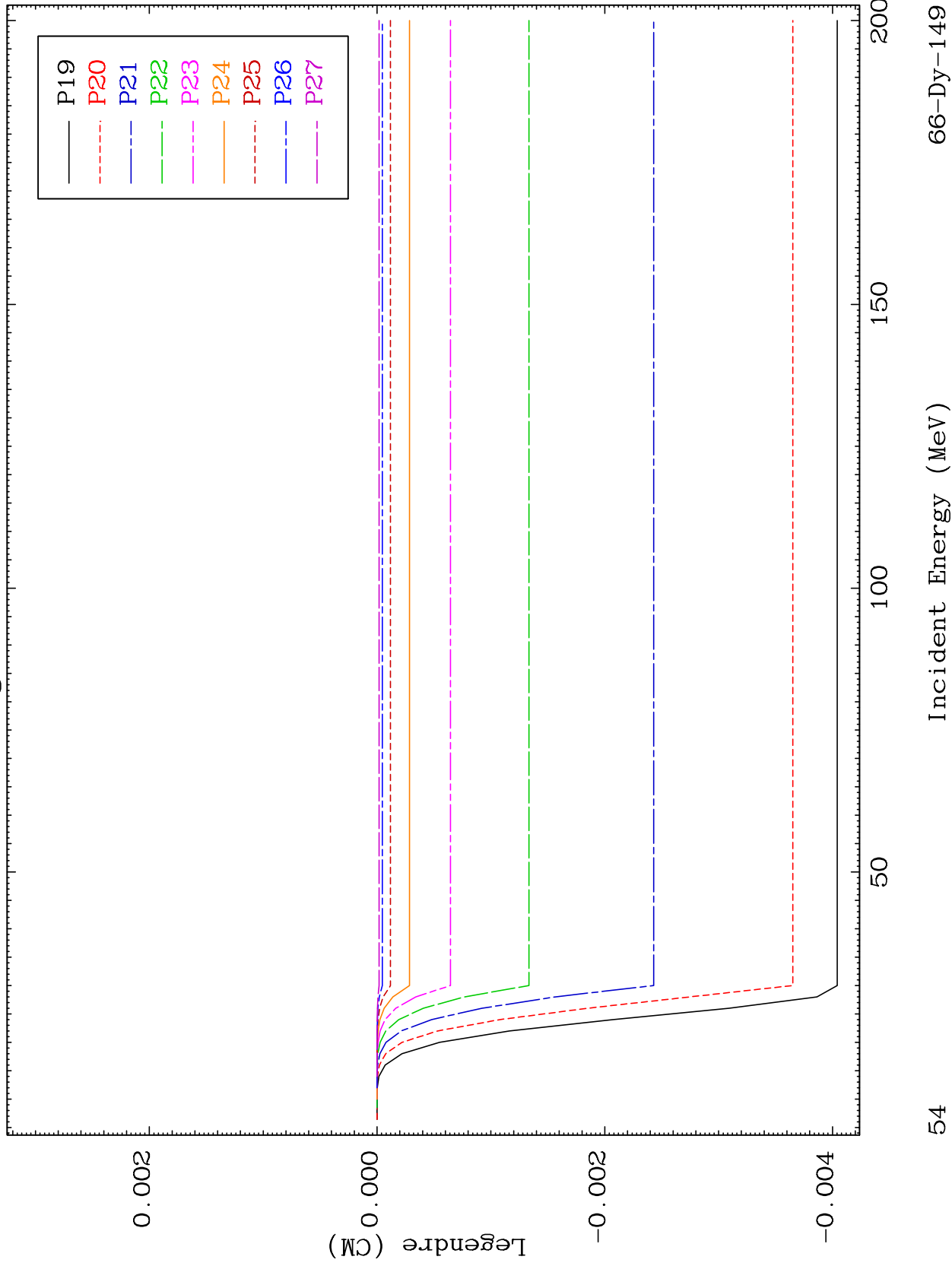
Incident Energy (MeV)

66-Dy-149

MAT 6604

1.663 MeV (n,n') Level
Legendre Coefficients

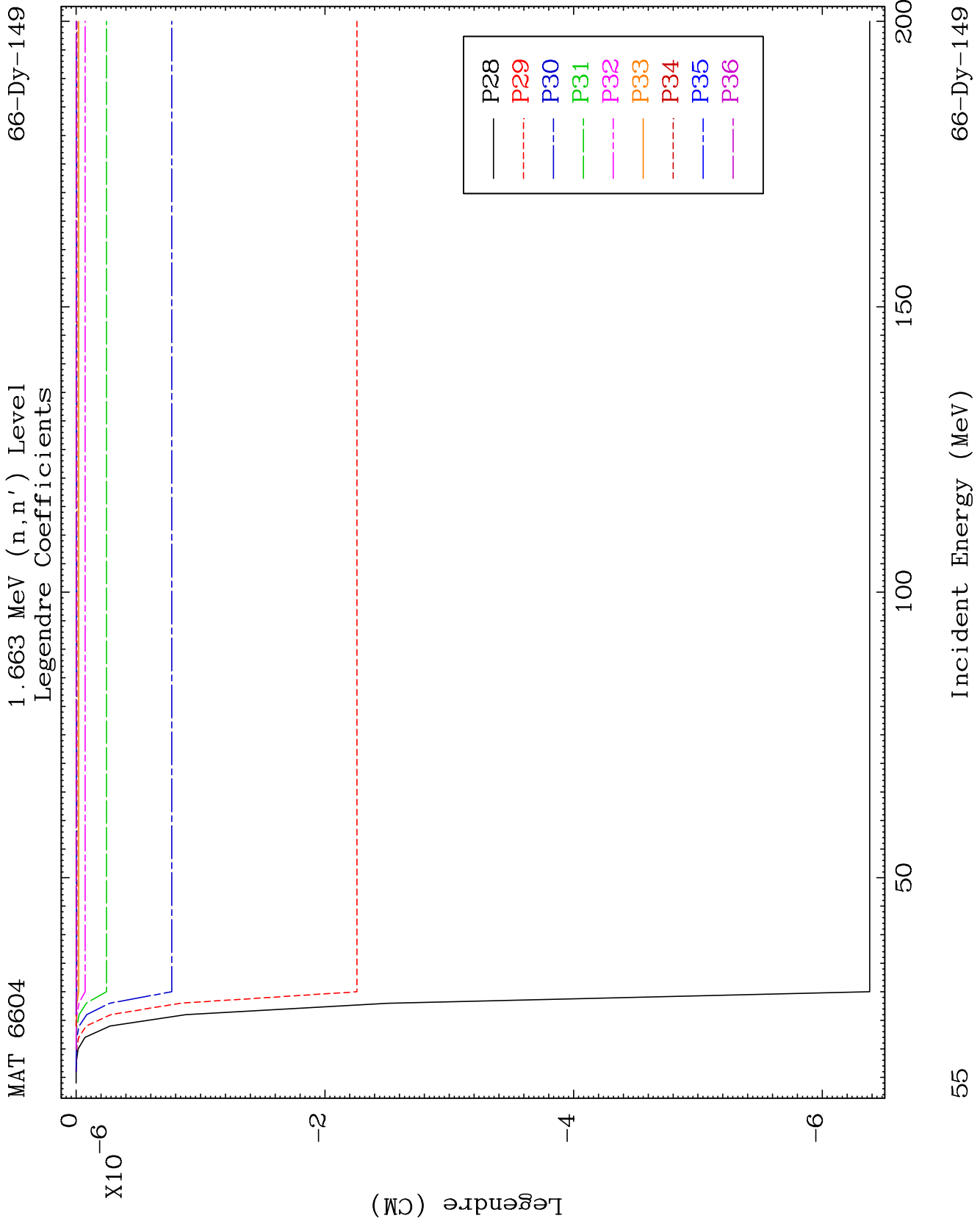
66-Dy-149



54

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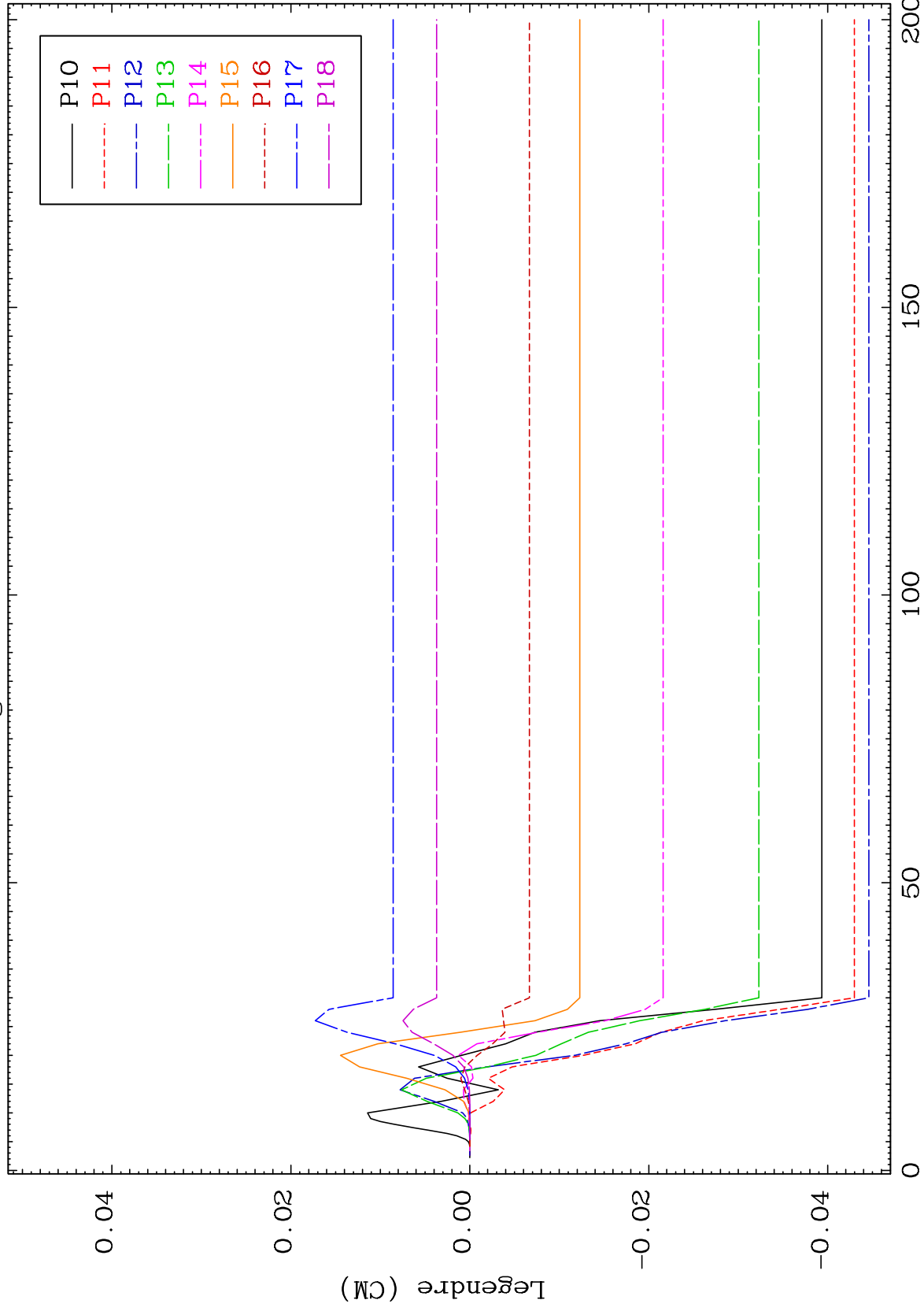
66-Dy-149



MAT 6604

1.704 MeV (n,n') Level
Legendre Coefficients

66-Dy-149



57

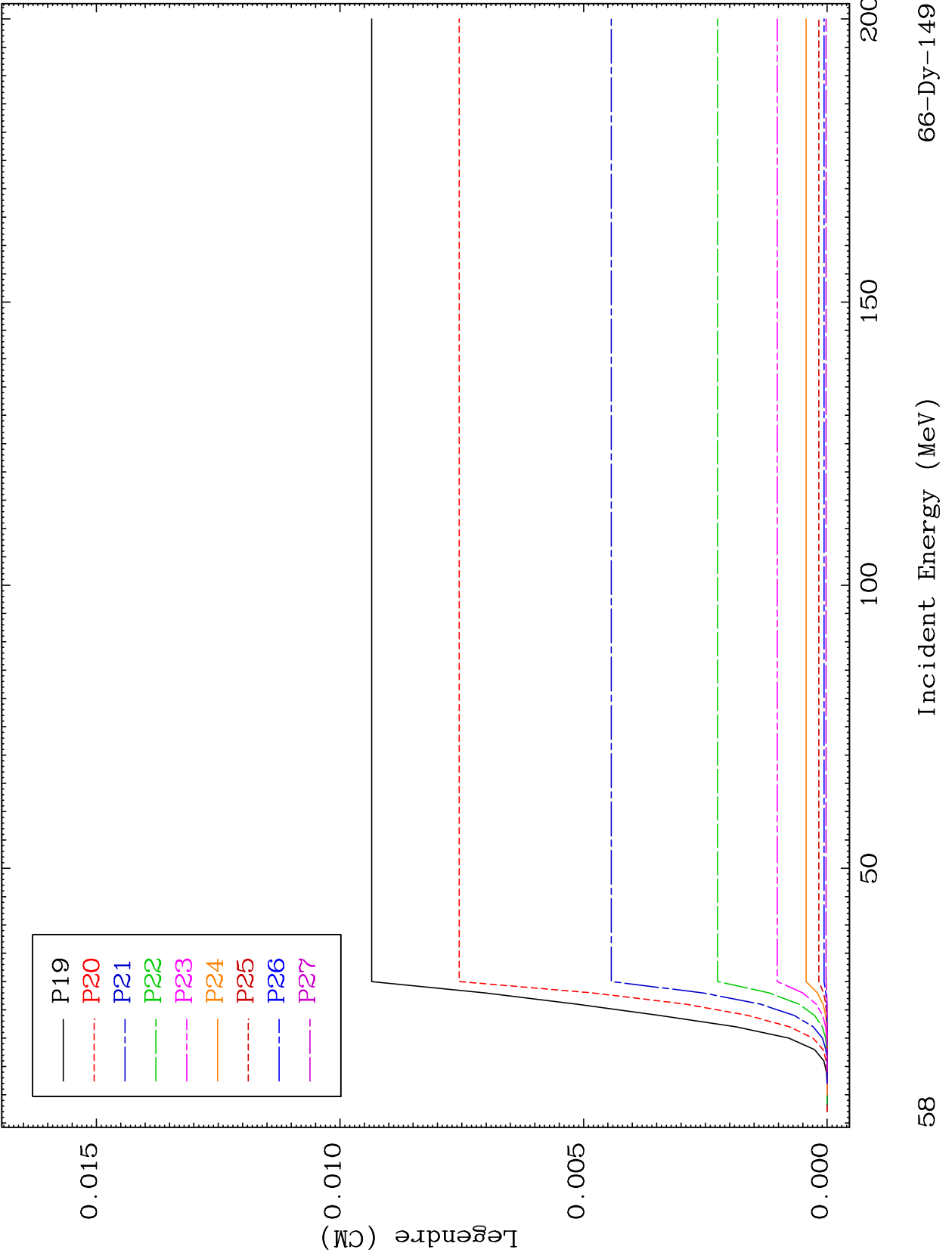
Incident Energy (MeV)

66-Dy-149

MAT 6604

1.704 MeV (n, n') Level
Legendre Coefficients

66-Dy-149



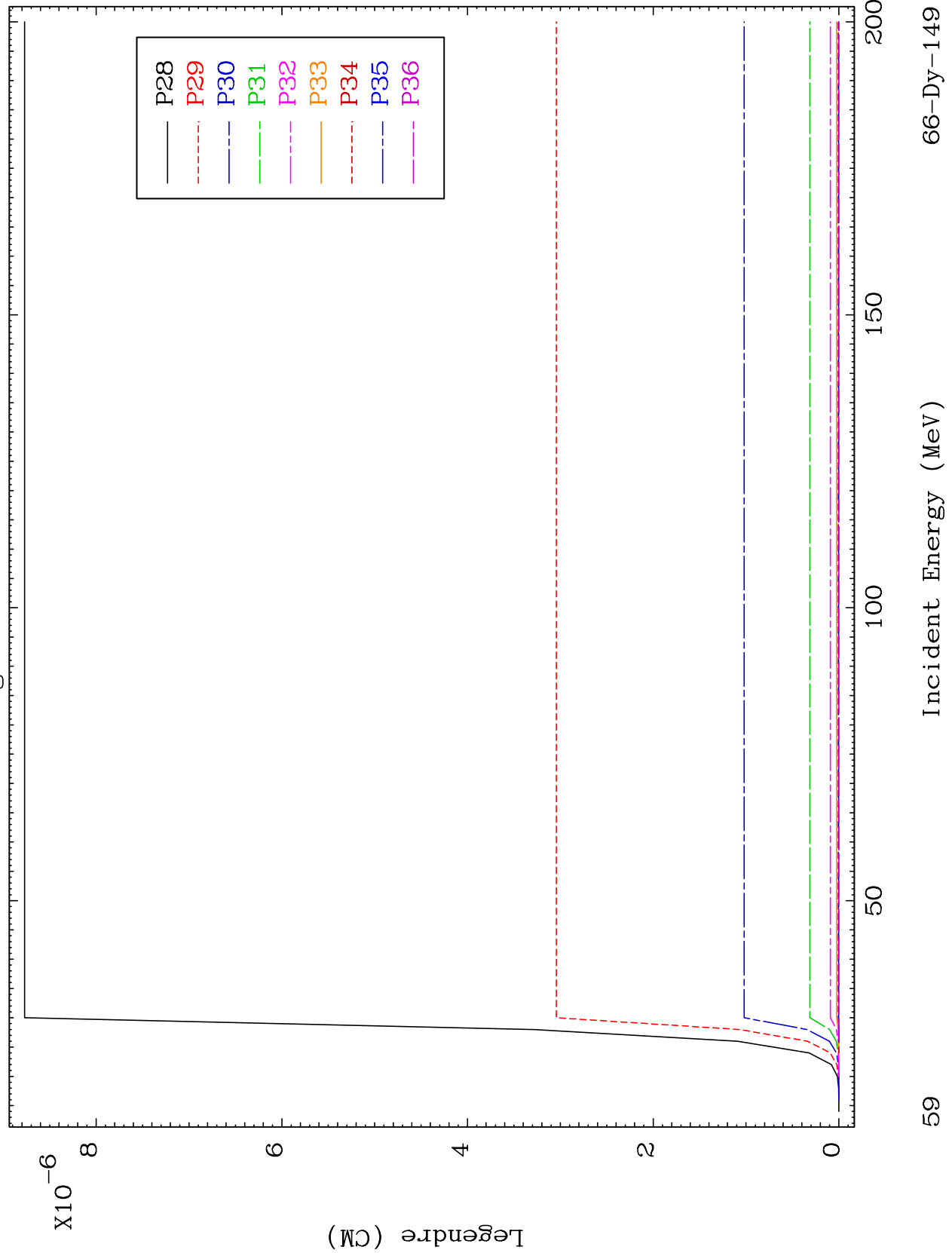
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66-Dy-149

MAT 6604

1.704 MeV (n, n') Level
Legendre Coefficients

66-Dy-149



66-Dy-149

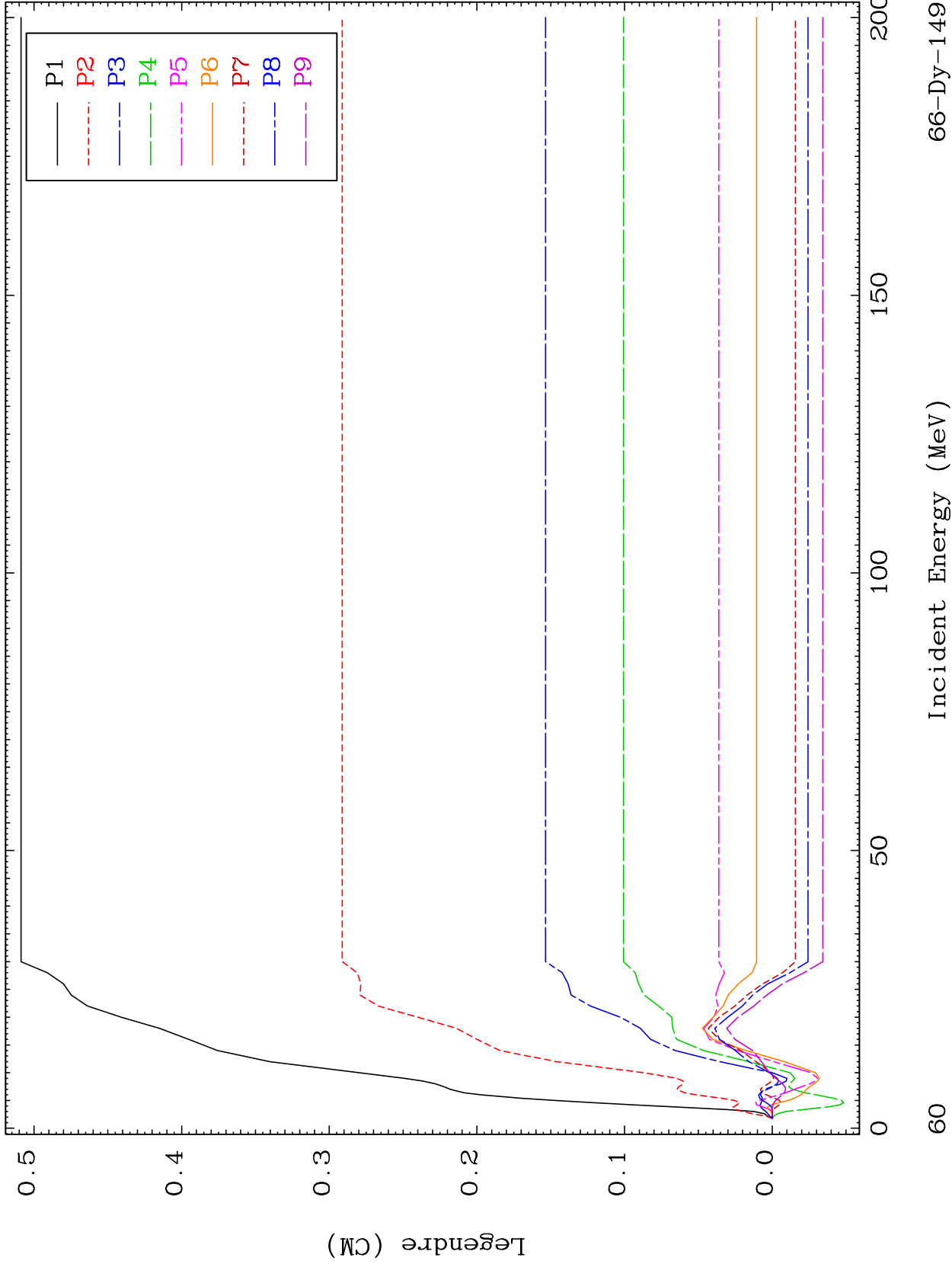
Incident Energy (MeV)

59

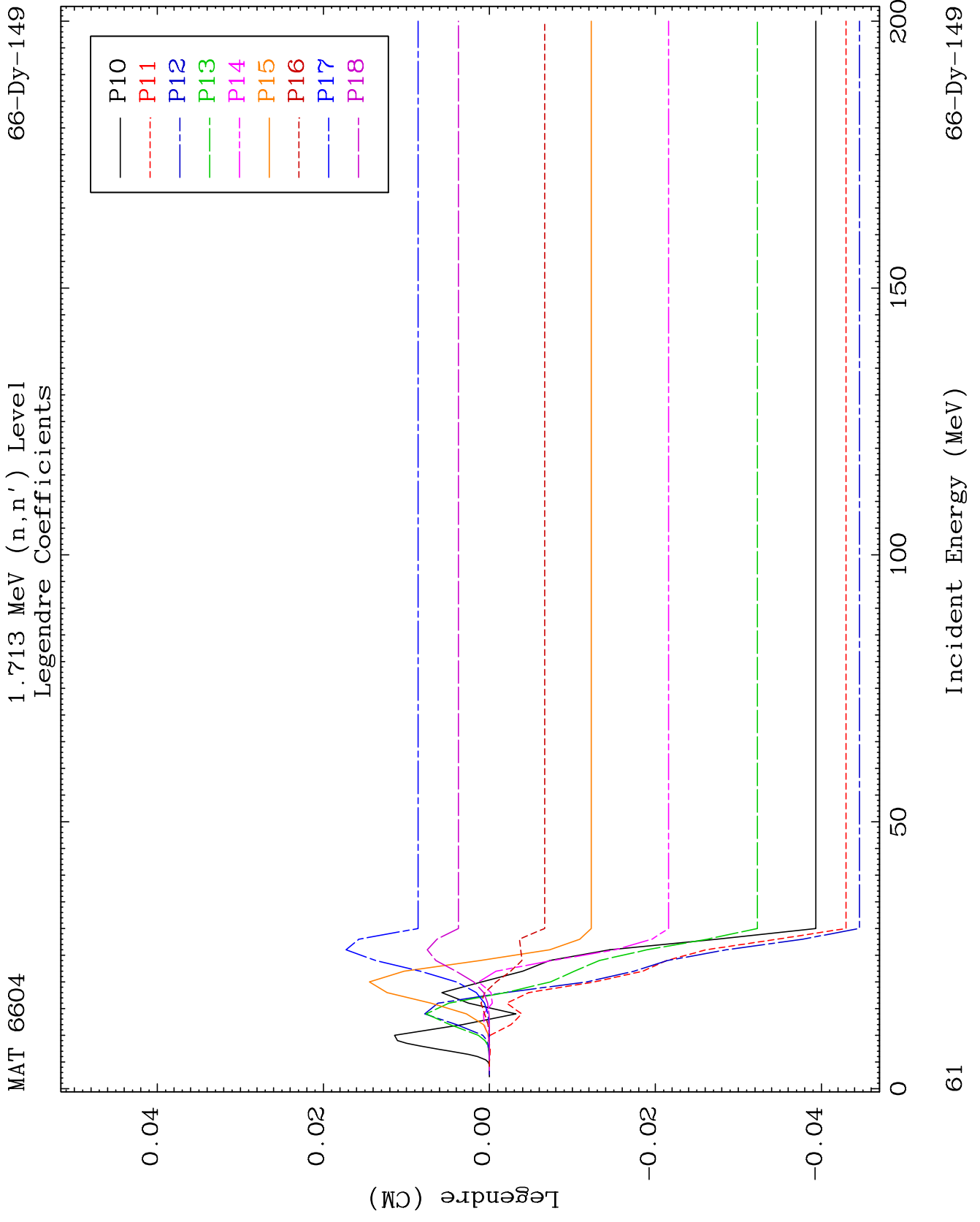
MAT 6604

1.713 MeV (n,n') Level
Legendre Coefficients

66-Dy-149



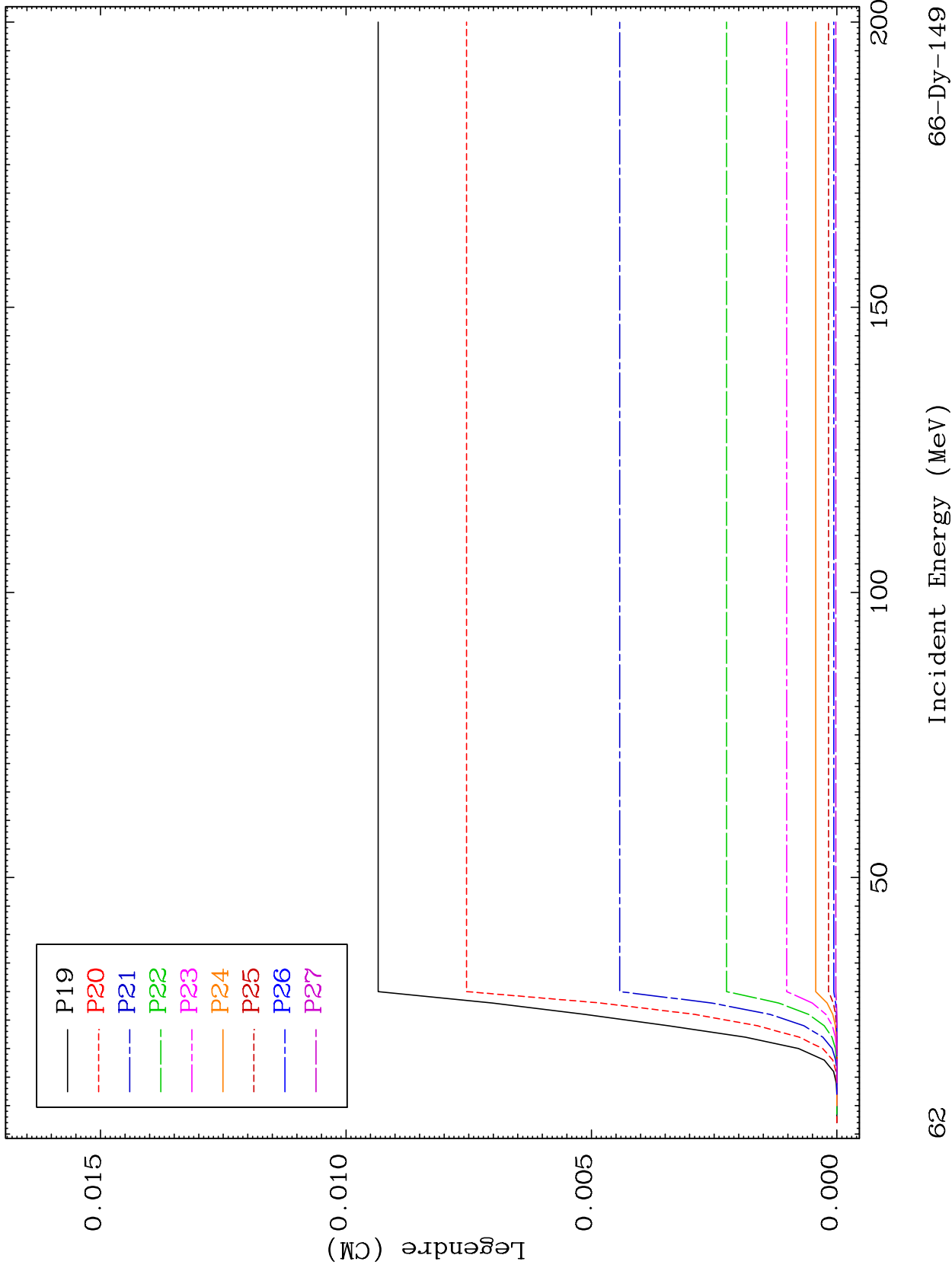
66-Dy-149



MAT 6604

1.713 MeV (n, n') Level
Legendre Coefficients

66-Dy-149



62

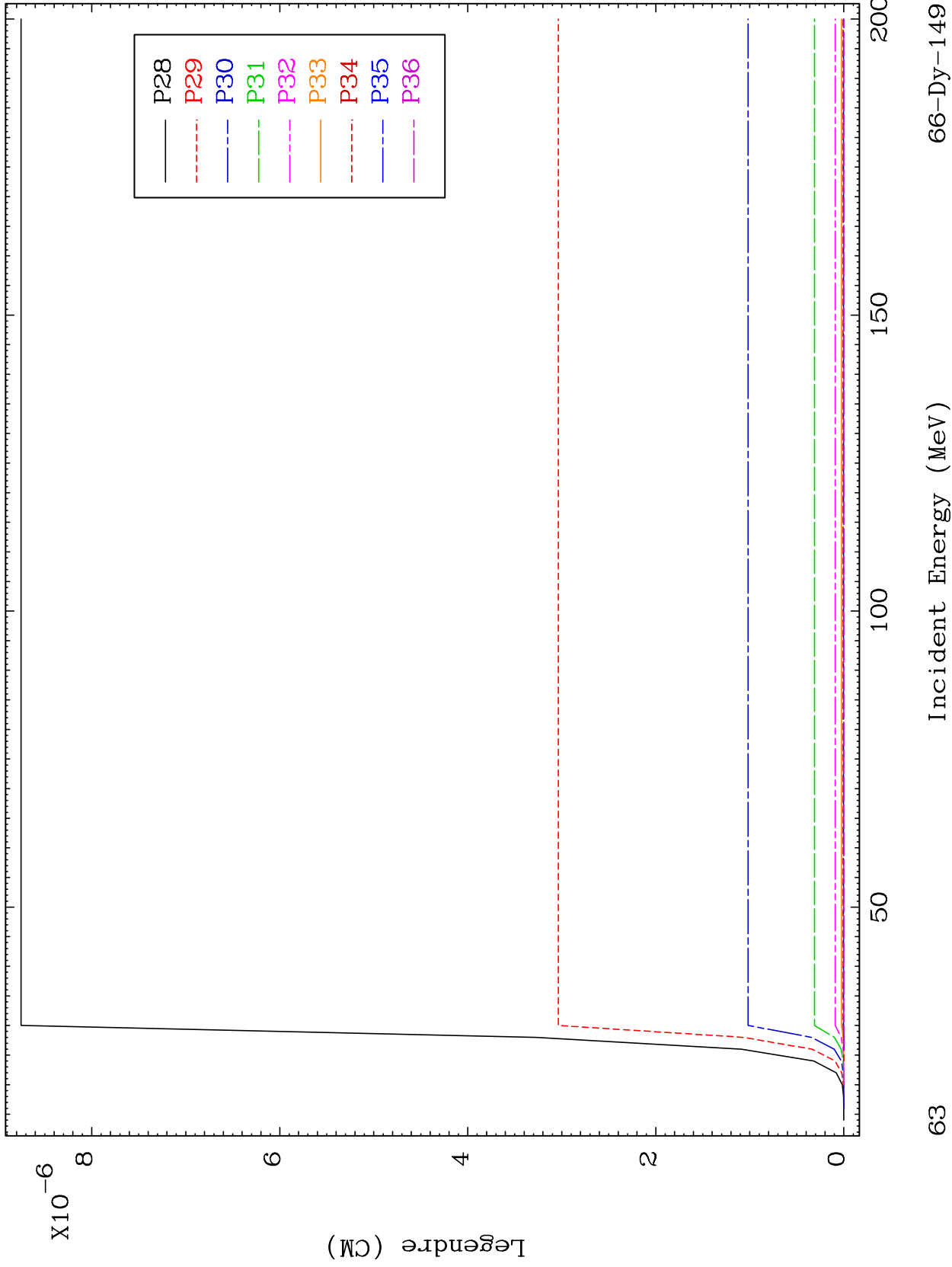
Incident Energy (MeV)

66-Dy-149

MAT 6604

1.713 MeV (n, n') Level
Legendre Coefficients

66-Dy-149



63

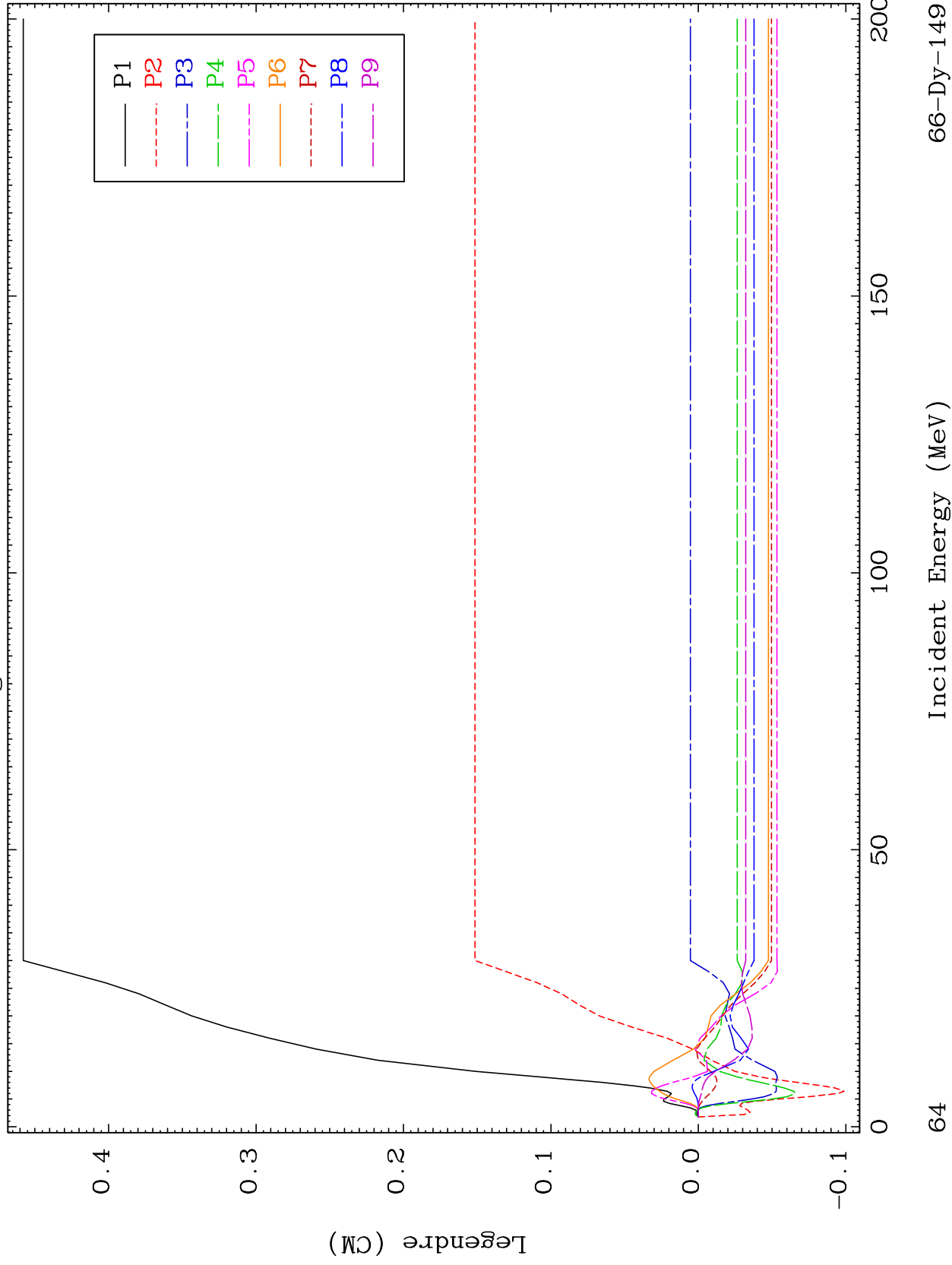
Incident Energy (MeV)

66-Dy-149

MAT 6604

1.727 MeV (n,n') Level
Legendre Coefficients

66-Dy-149



66-Dy-149

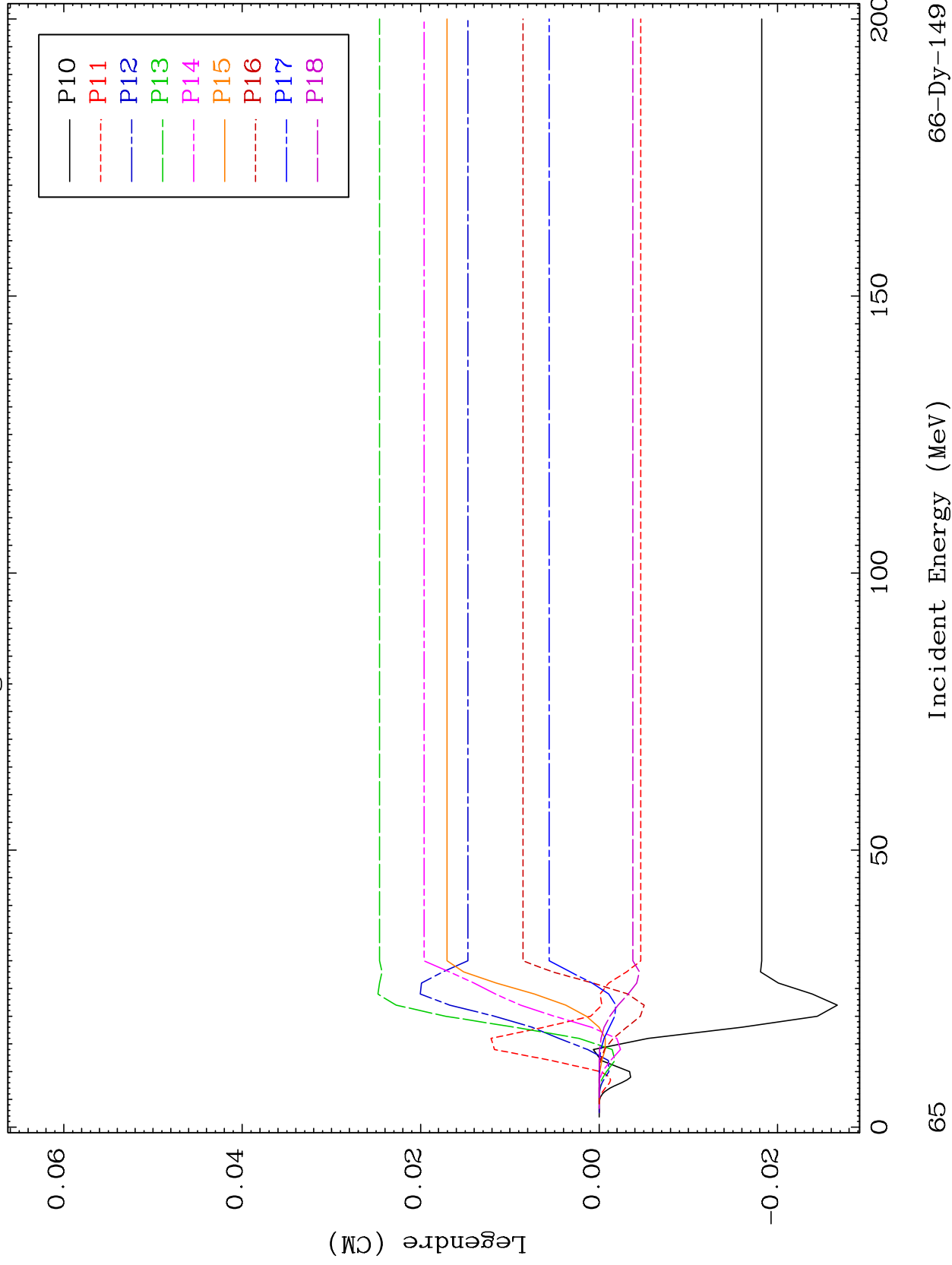
Incident Energy (MeV)

64

MAT 6604

1.727 MeV (n,n') Level
Legendre Coefficients

66-Dy-149



66-Dy-149

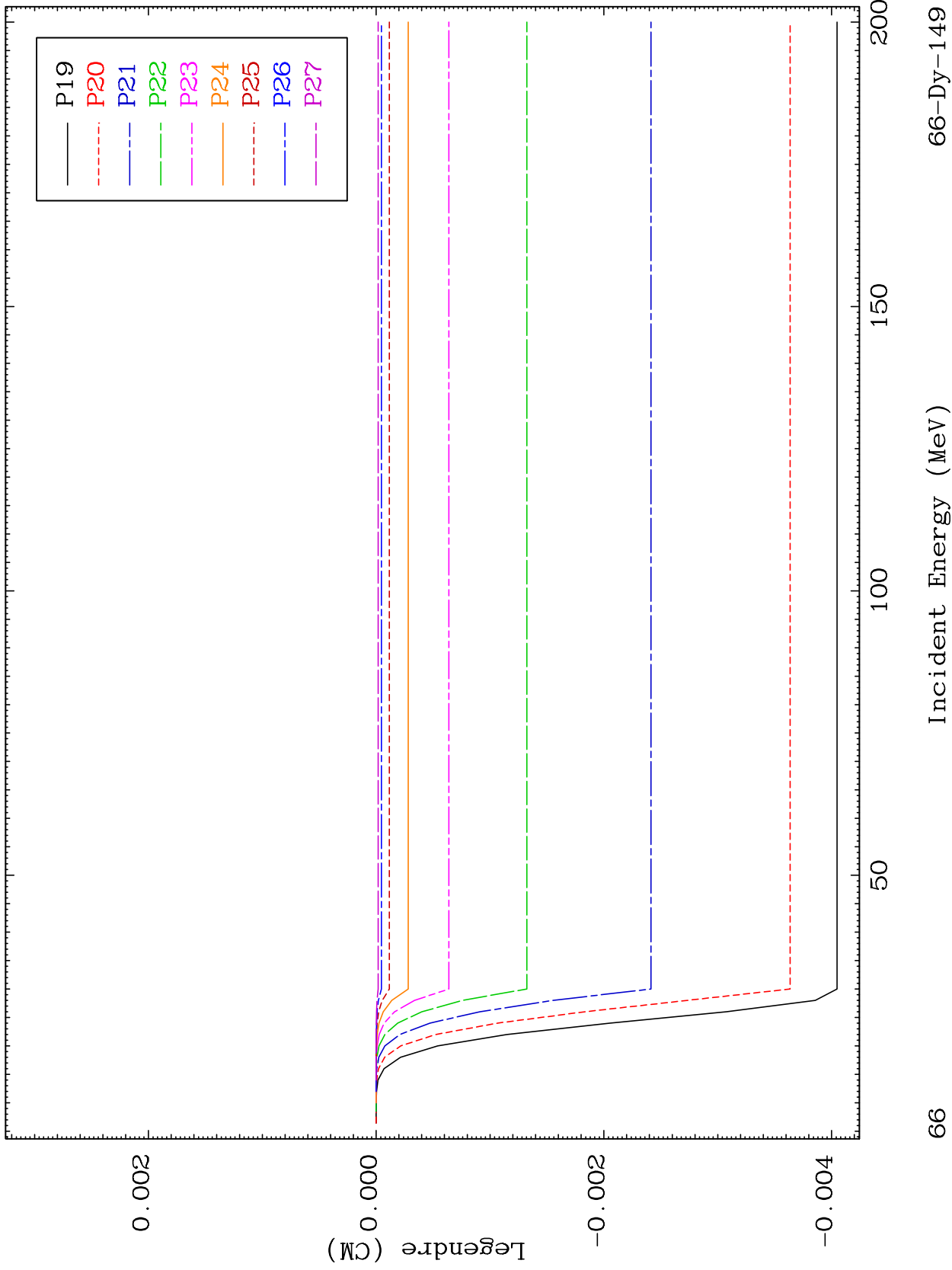
Incident Energy (MeV)

65

MAT 6604

1.727 MeV (n,n') Level
Legendre Coefficients

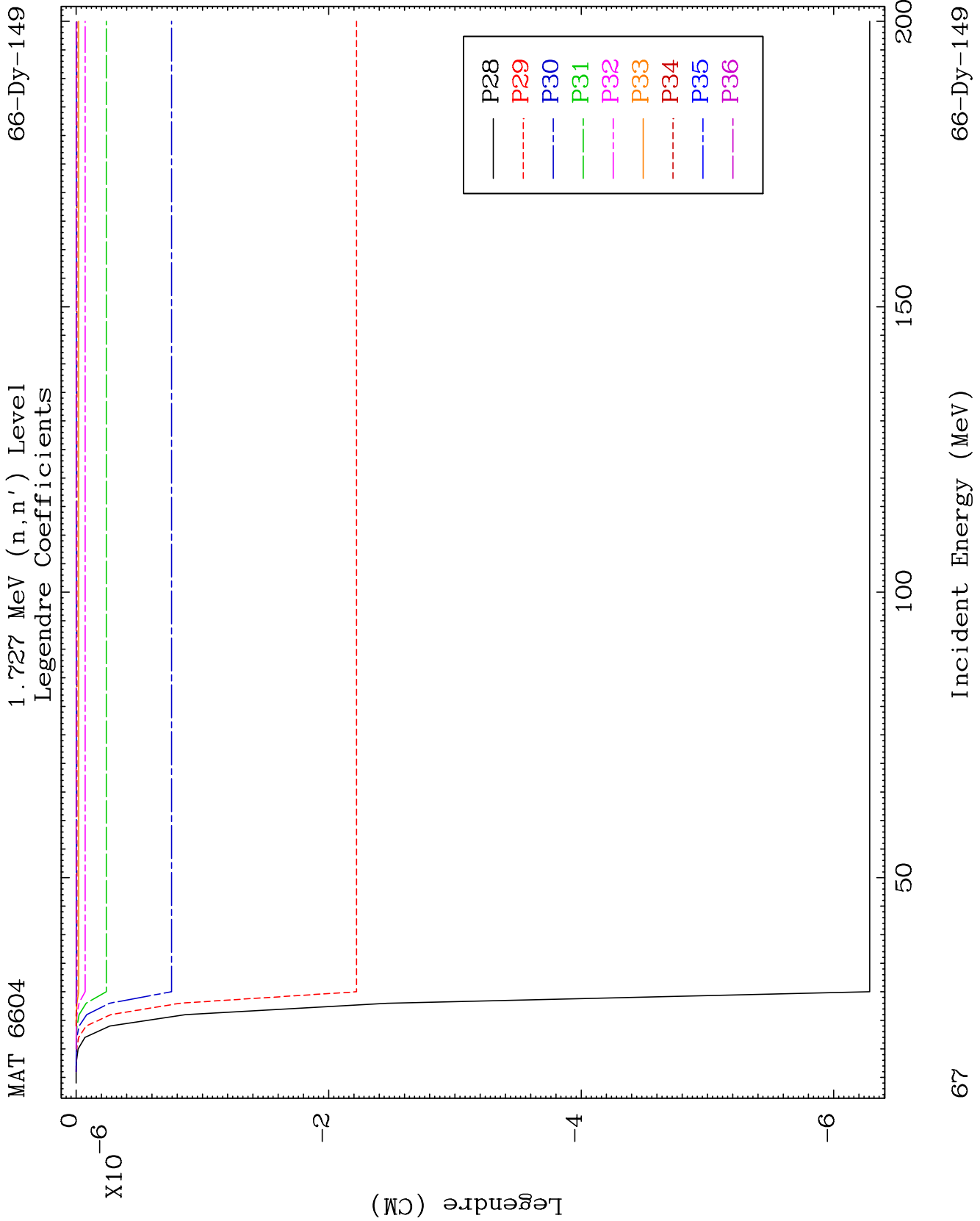
66-Dy-149



66

Incident Energy (MeV)

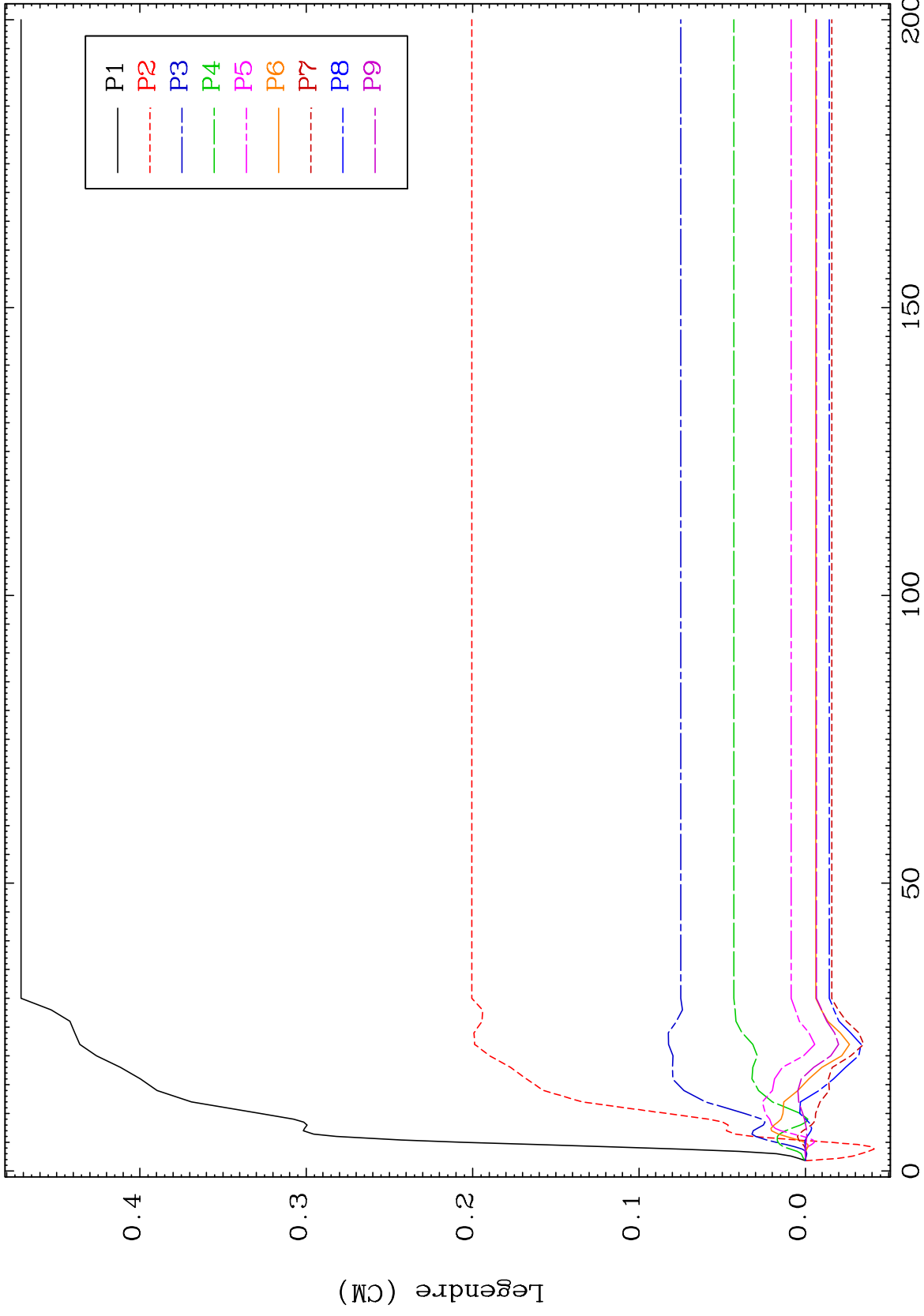
66-Dy-149



MAT 6604

1.776 MeV (n,n') Level
Legendre Coefficients

66-Dy-149



68

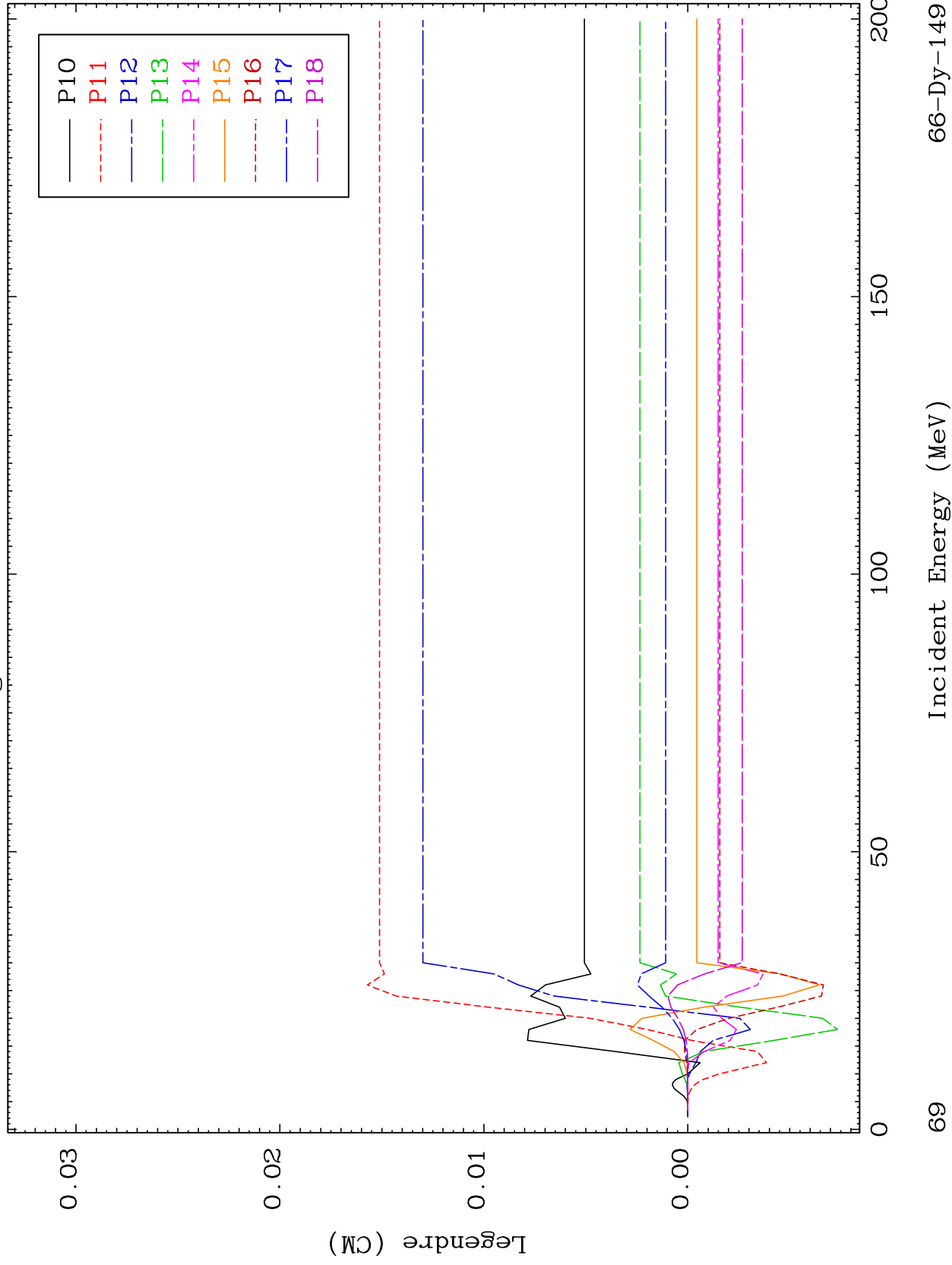
Incident Energy (MeV)

66-Dy-149

MAT 6604

1.776 MeV (n,n') Level
Legendre Coefficients

66-Dy-149



69

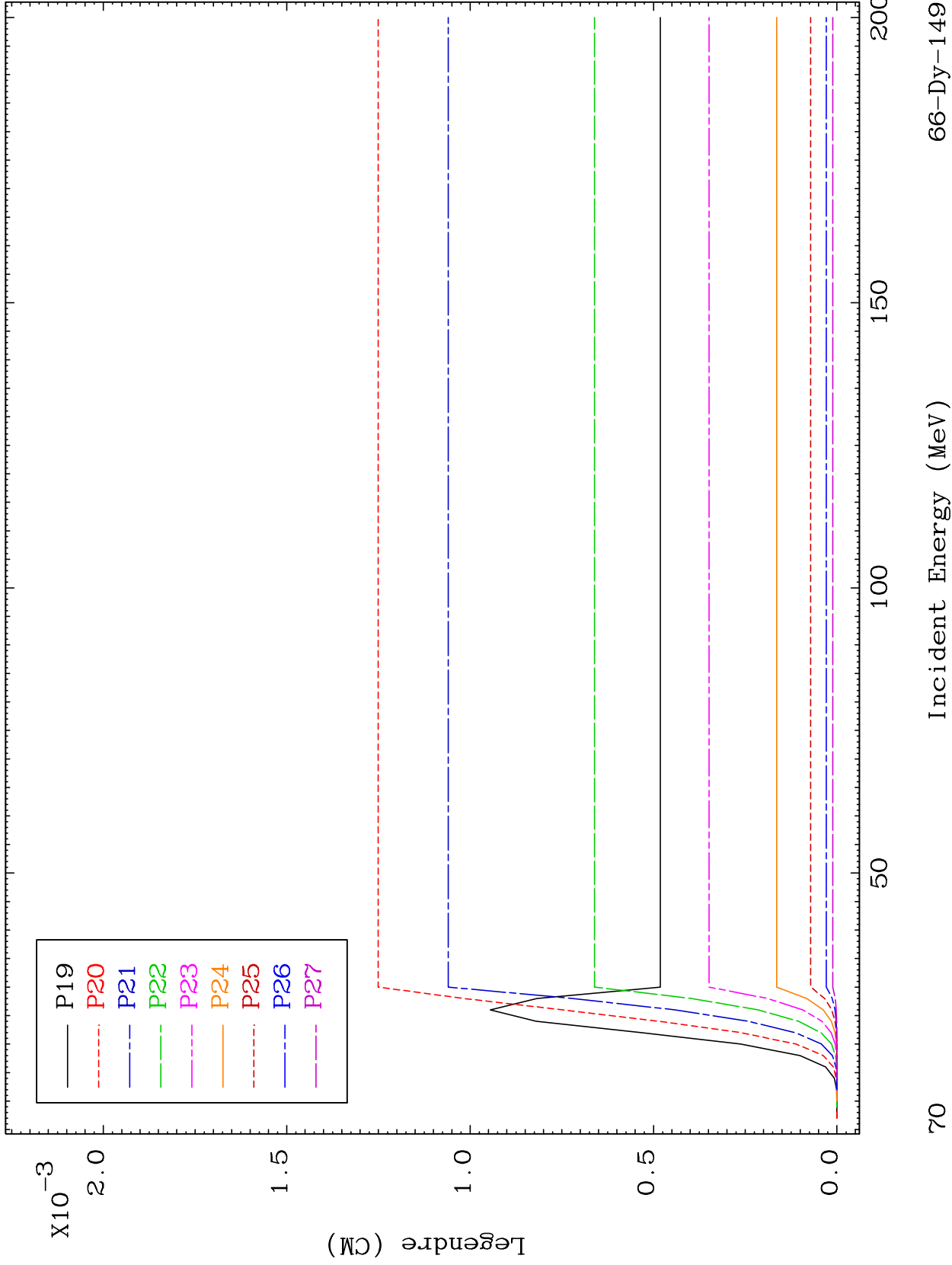
Incident Energy (MeV)

66-Dy-149

MAT 6604

1.776 MeV (n,n') Level
Legendre Coefficients

66-Dy-149



70

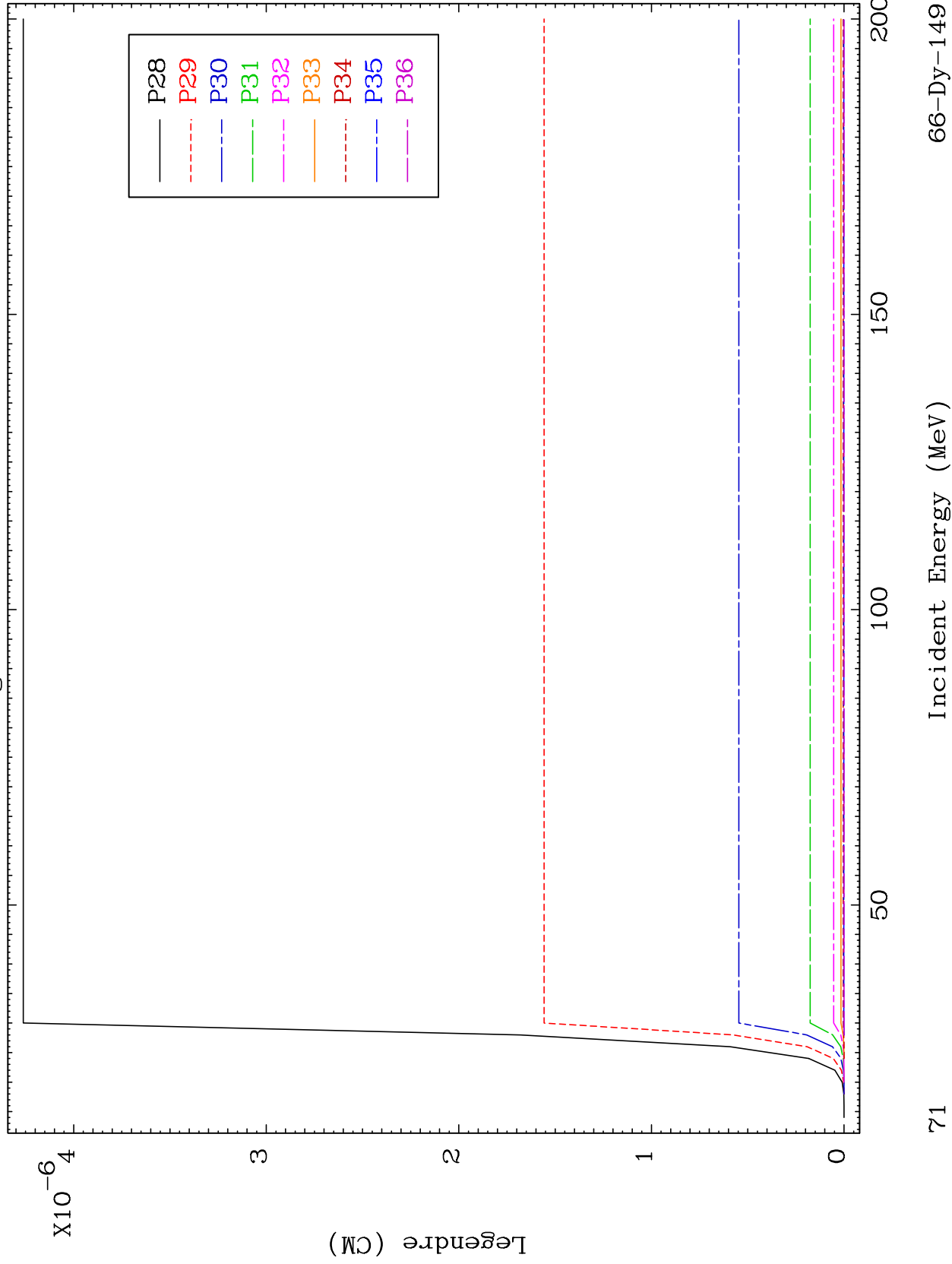
Incident Energy (MeV)

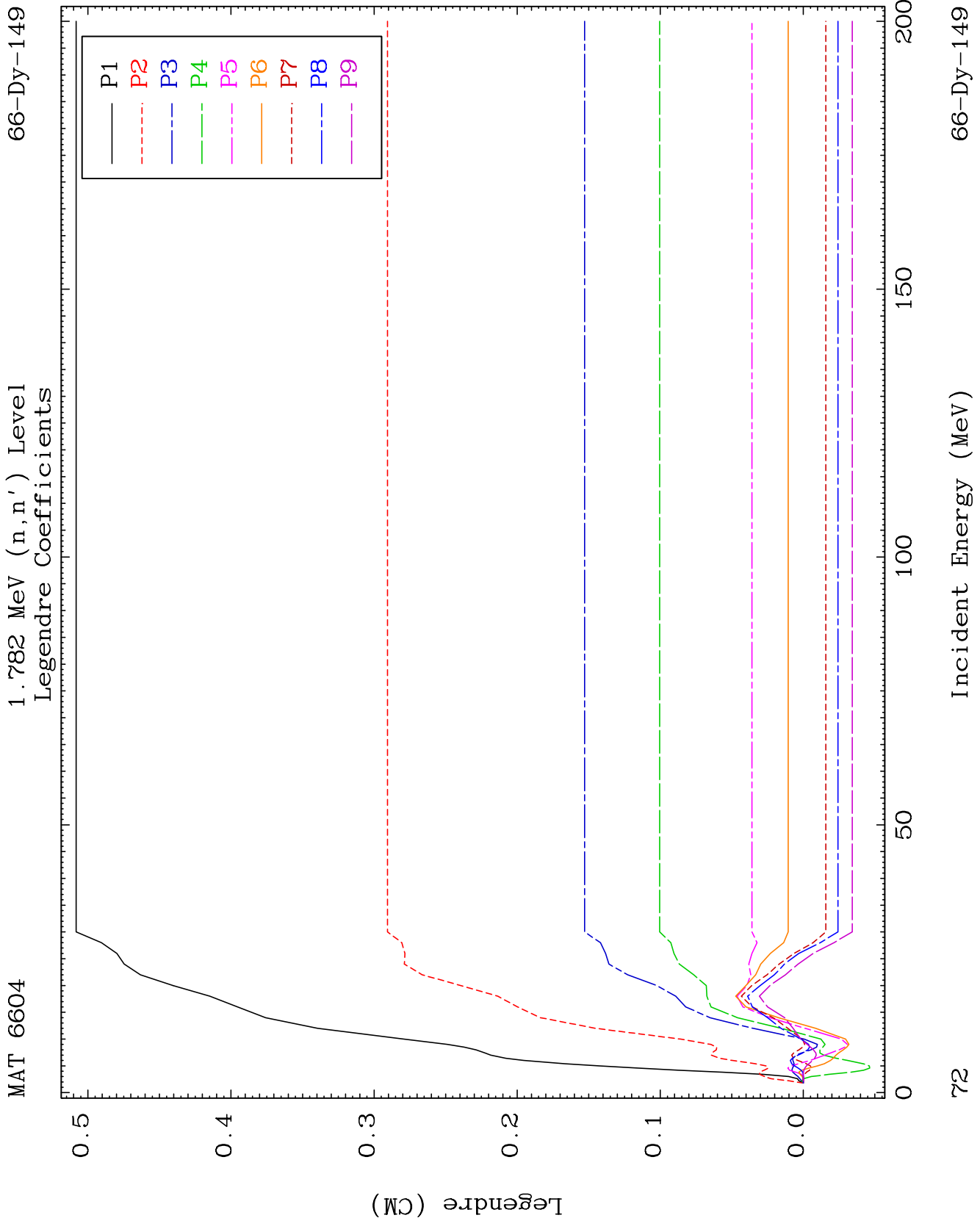
66-Dy-149

MAT 6604

1.776 MeV (n,n') Level
Legendre Coefficients

66-Dy-149

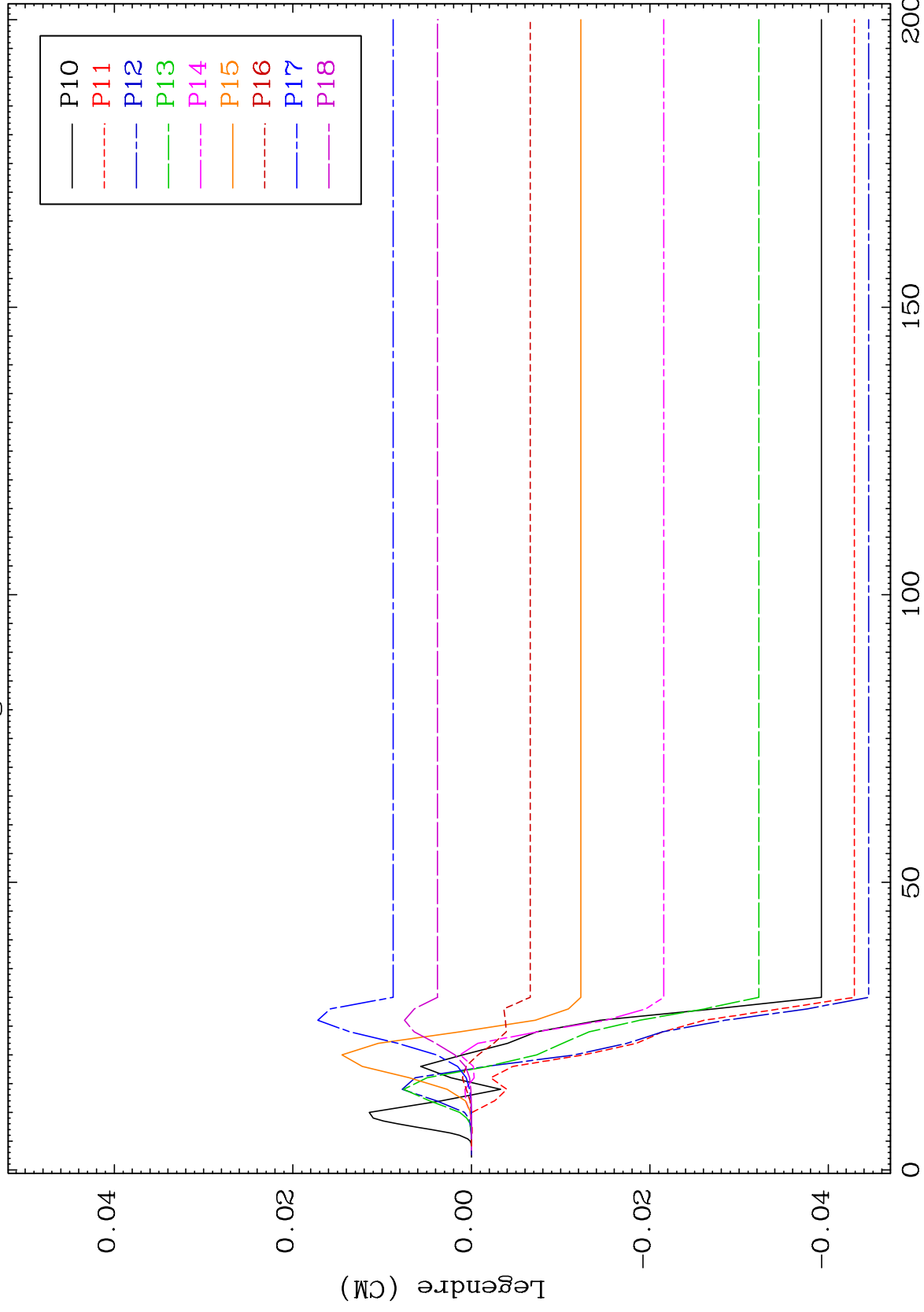




MAT 6604

1.782 MeV (n,n') Level
Legendre Coefficients

66-Dy-149



73

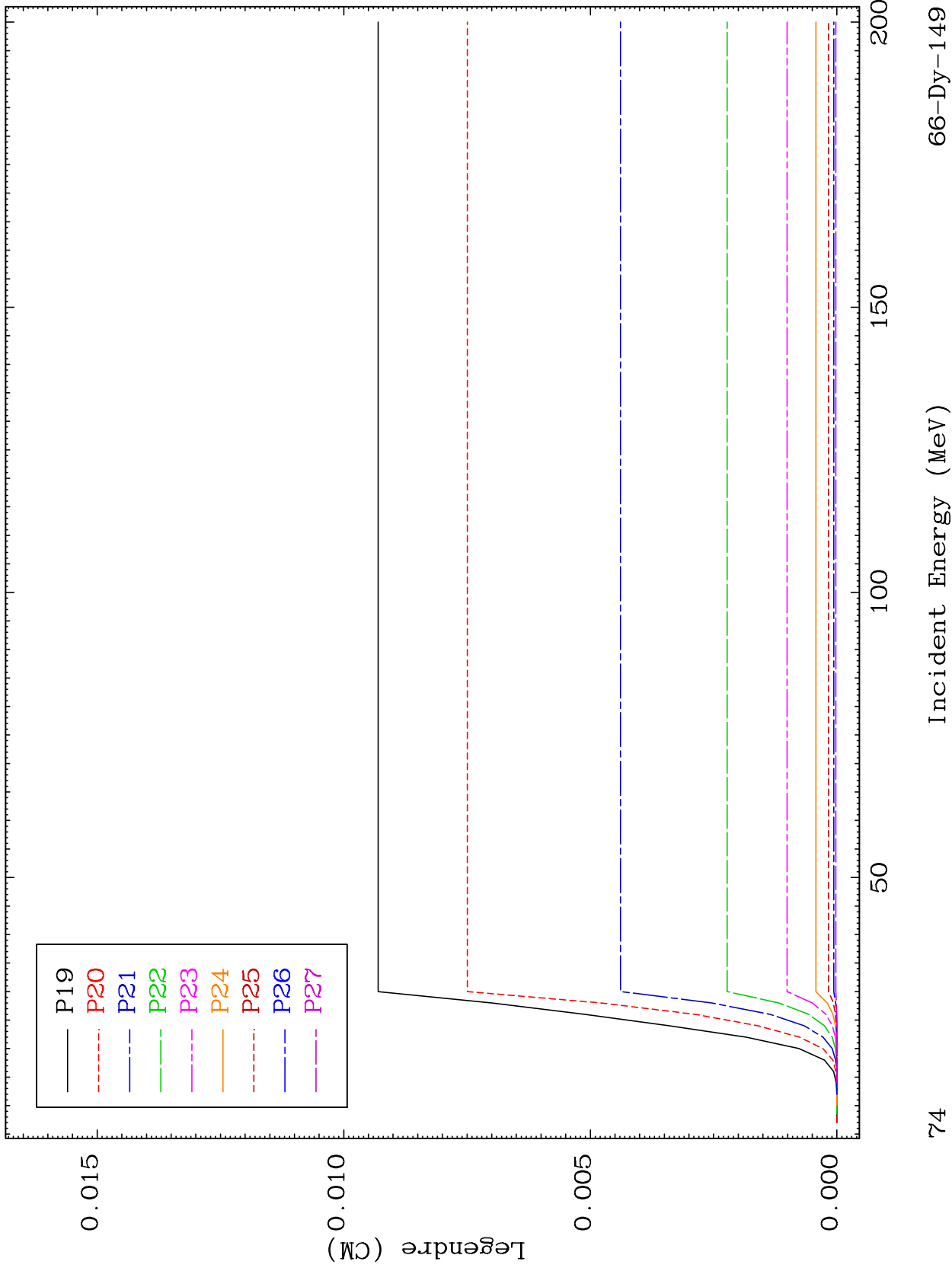
Incident Energy (MeV)

66-Dy-149

MAT 6604

1.782 MeV (n, n') Level
Legendre Coefficients

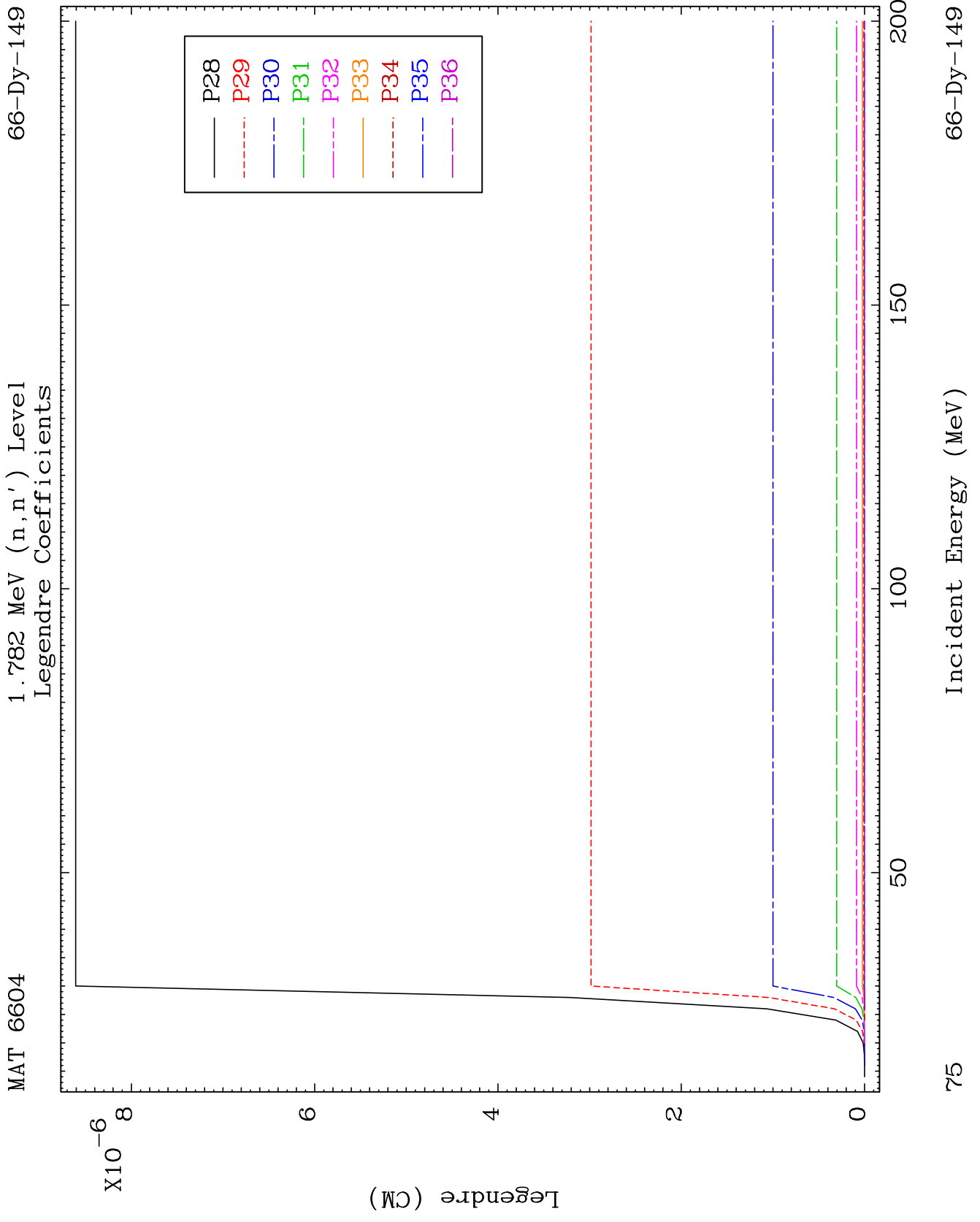
66-Dy-149



74

Incident Energy (MeV)

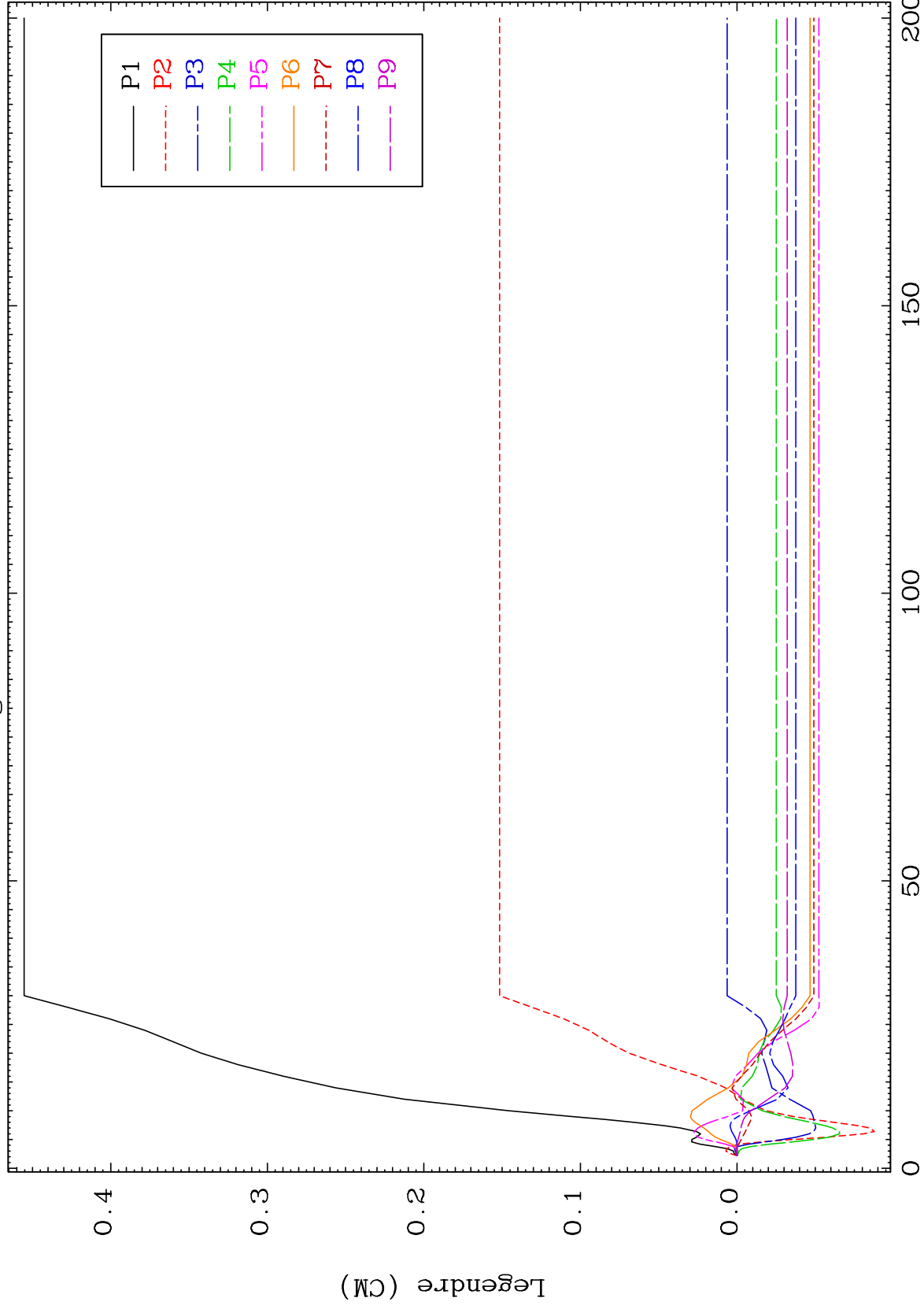
66-Dy-149



MAT 6604

2.166 MeV (n,n') Level
Legendre Coefficients

66-Dy-149



76

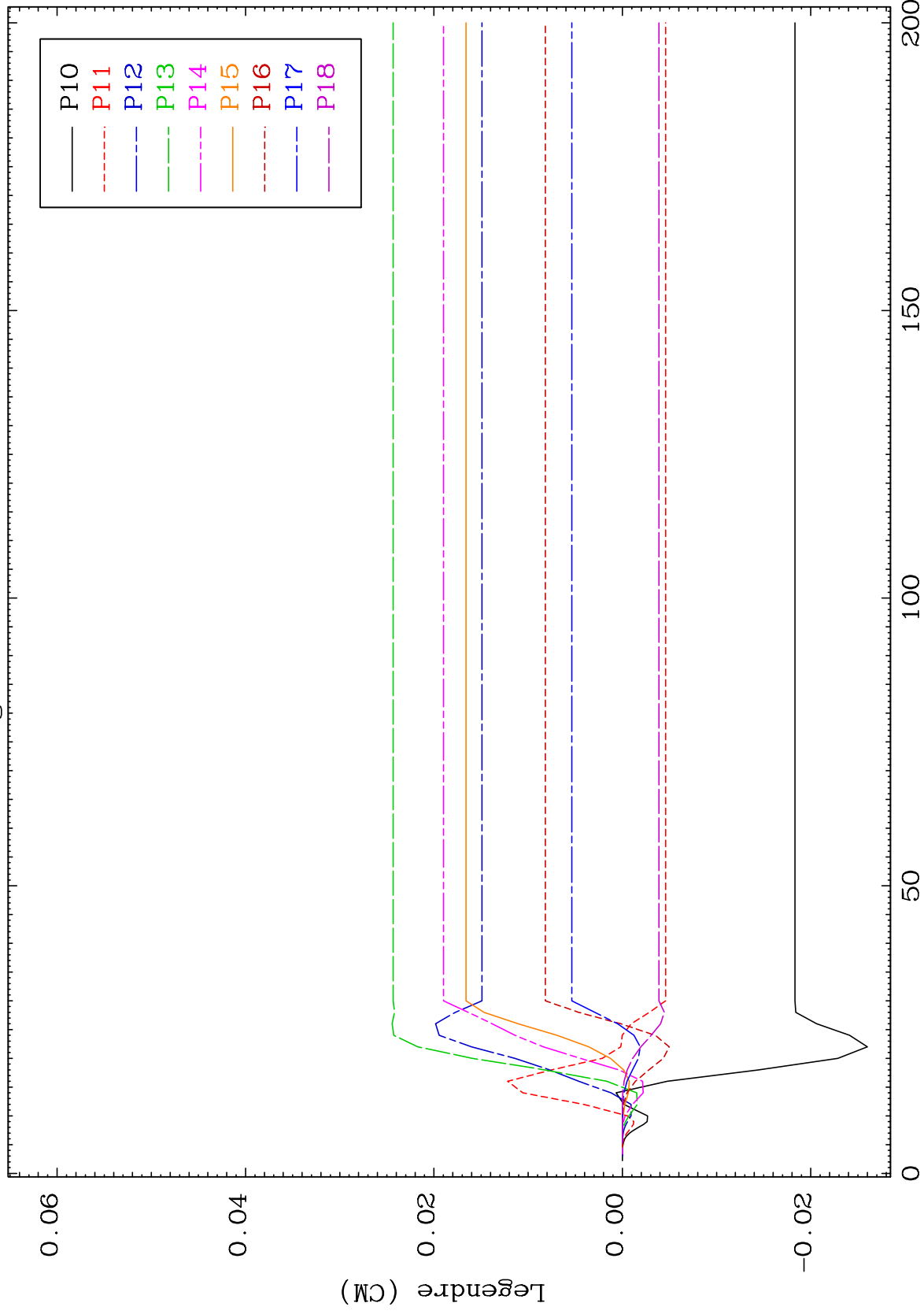
Incident Energy (MeV)

66-Dy-149

MAT 6604

2.166 MeV (n,n') Level
Legendre Coefficients

66-Dy-149



77

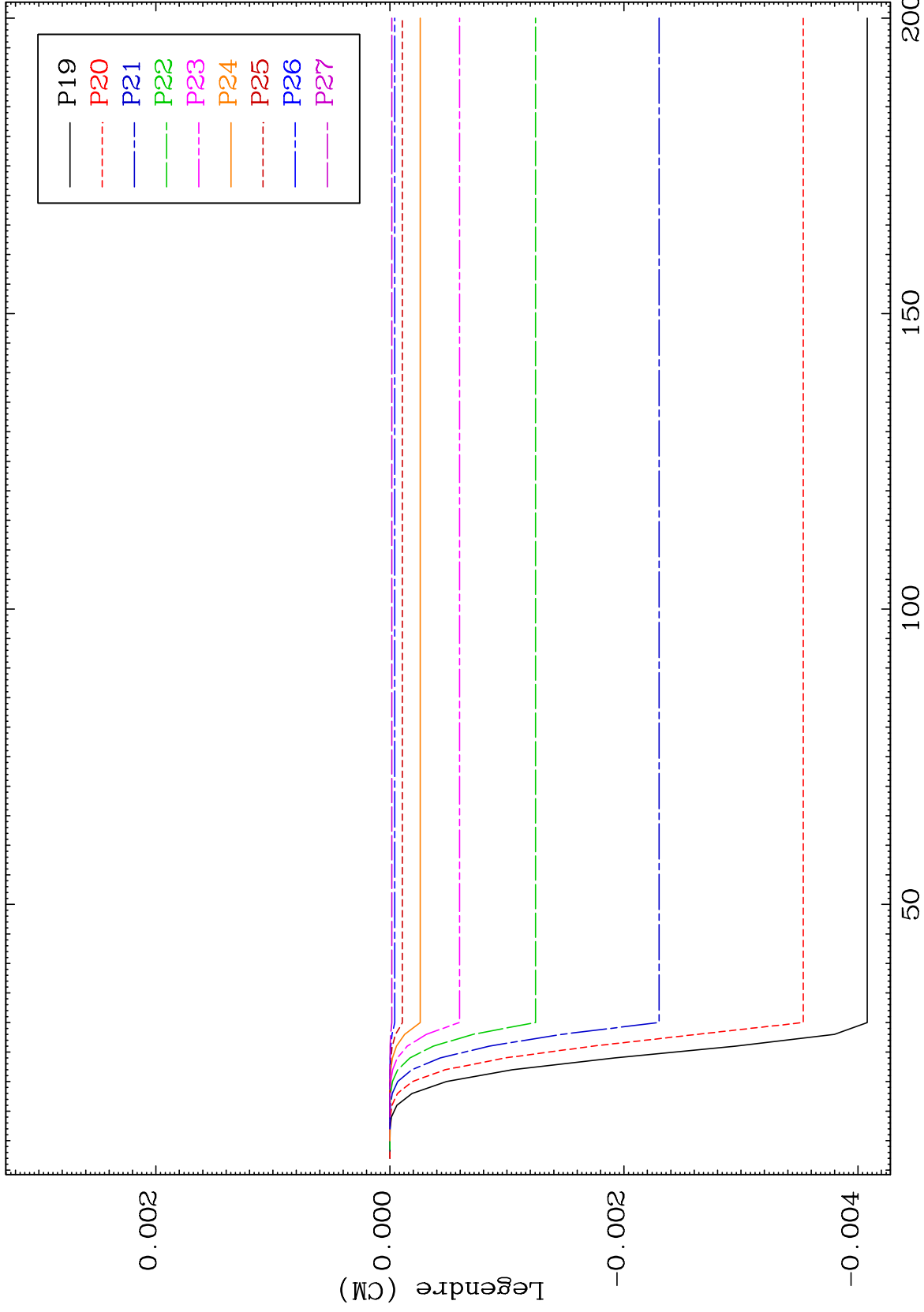
Incident Energy (MeV)

66-Dy-149

MAT 6604

2.166 MeV (n,n') Level
Legendre Coefficients

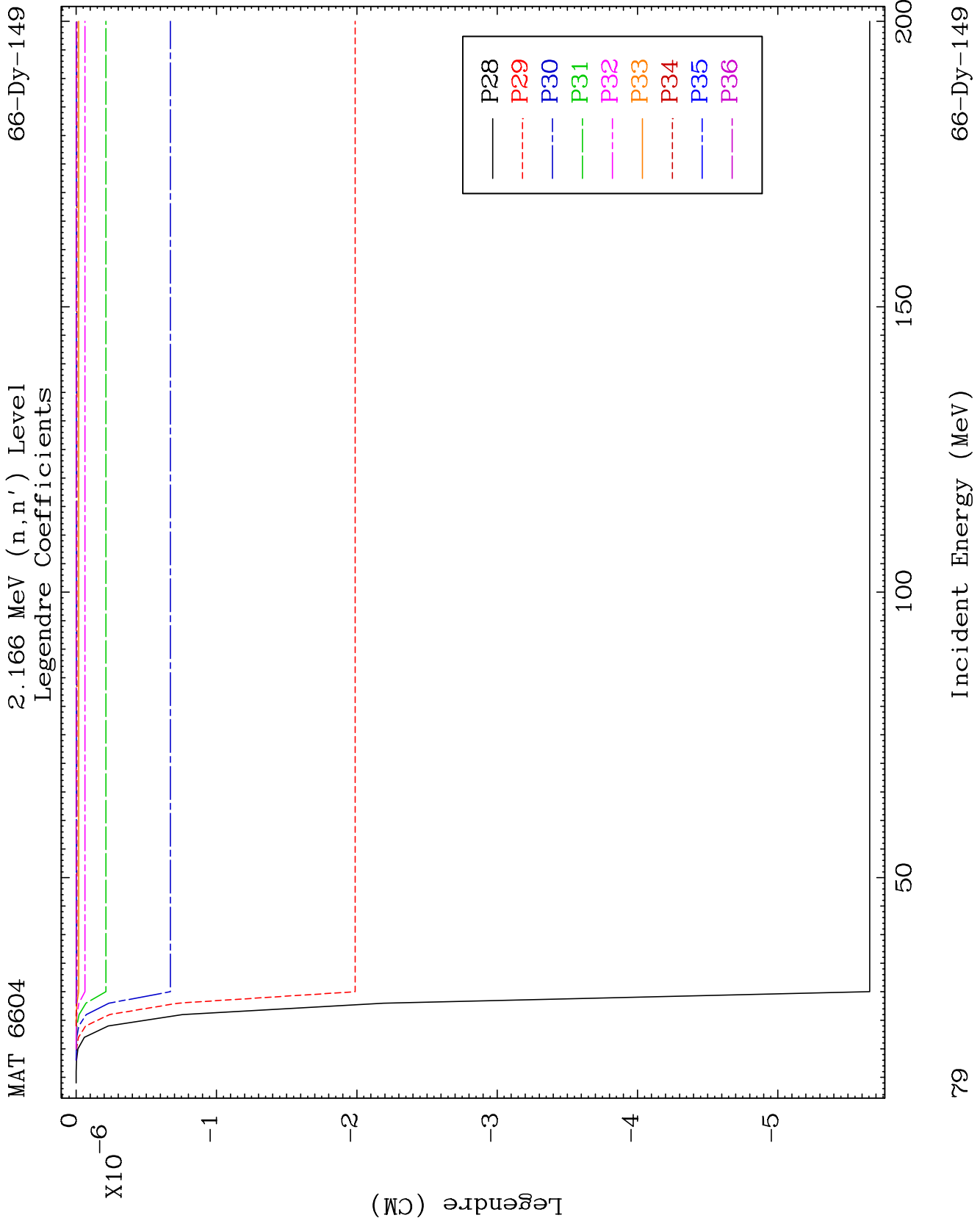
66-Dy-149



78

Incident Energy (MeV)

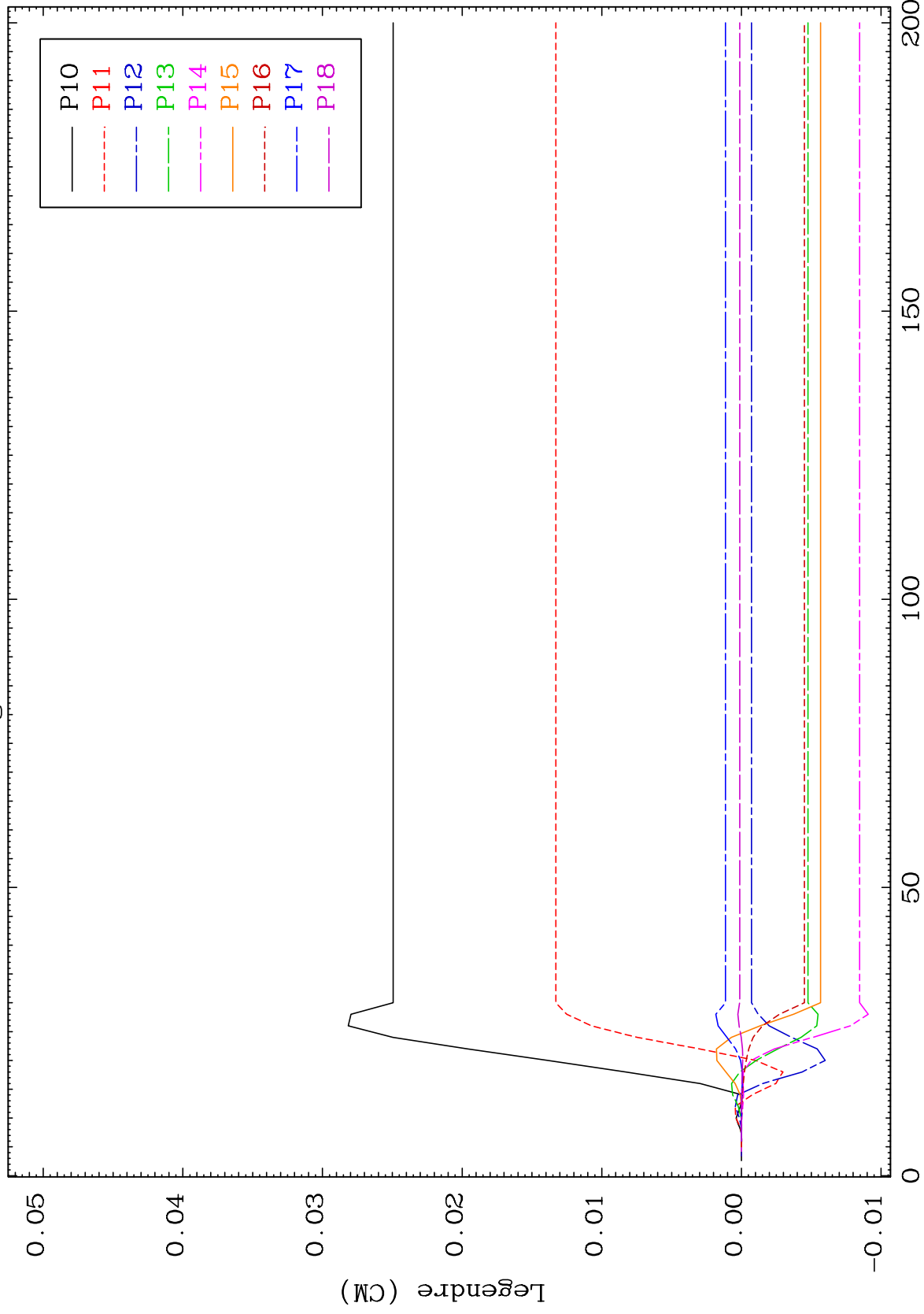
66-Dy-149



MAT 6604

2.252 MeV (n,n') Level
Legendre Coefficients

66-Dy-149



81

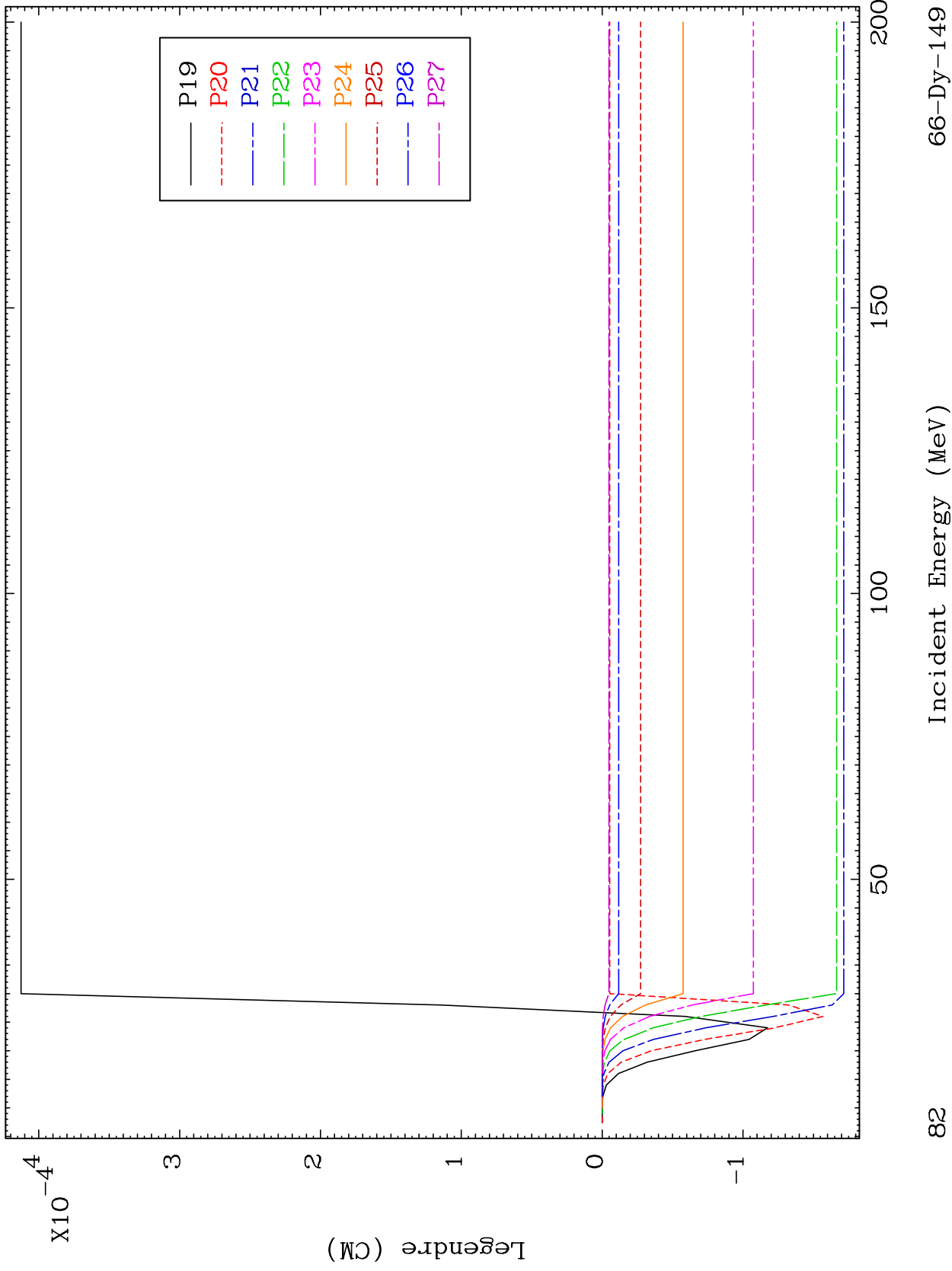
Incident Energy (MeV)

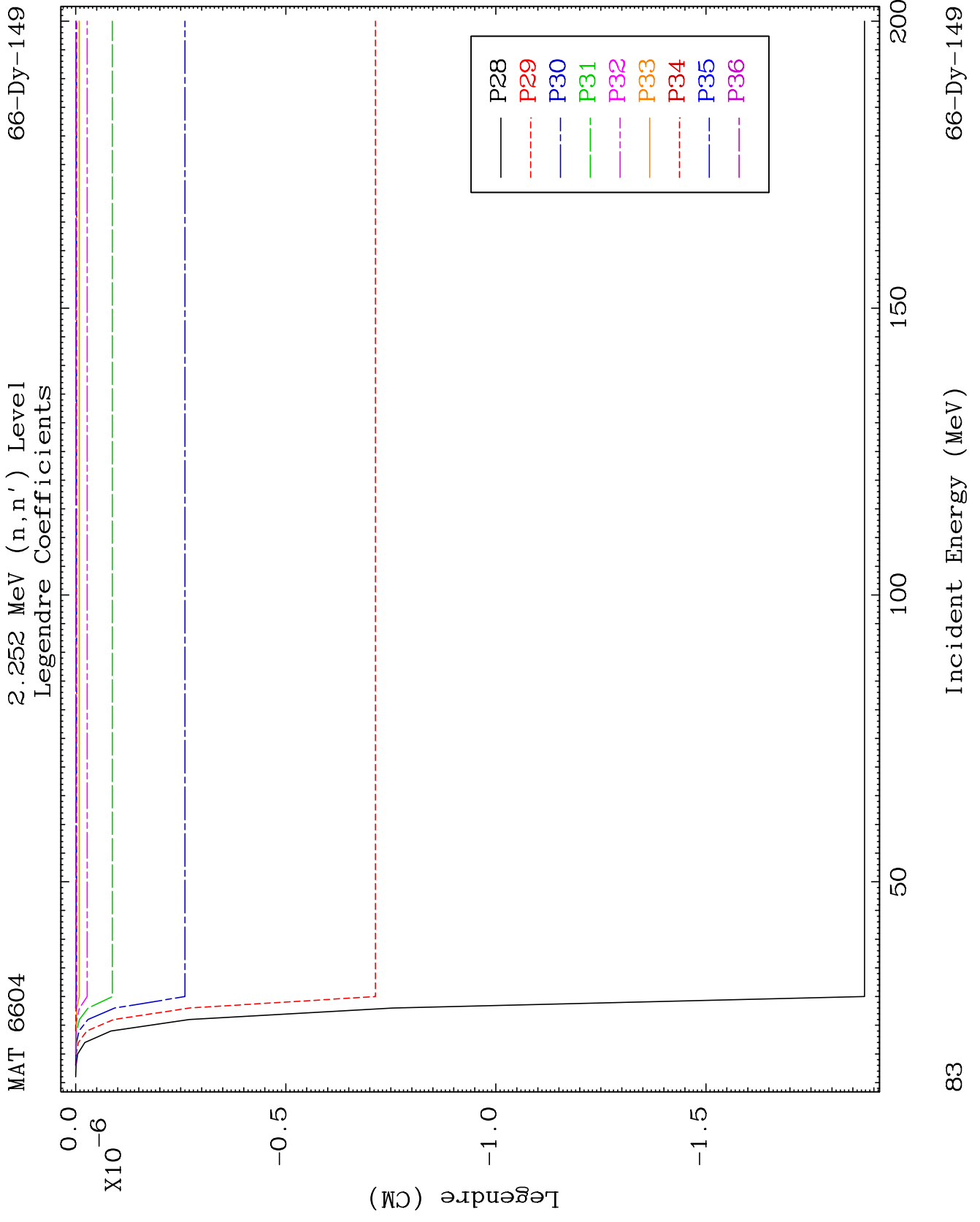
66-Dy-149

MAT 6604

2.252 MeV (n, n') Level
Legendre Coefficients

66-Dy-149

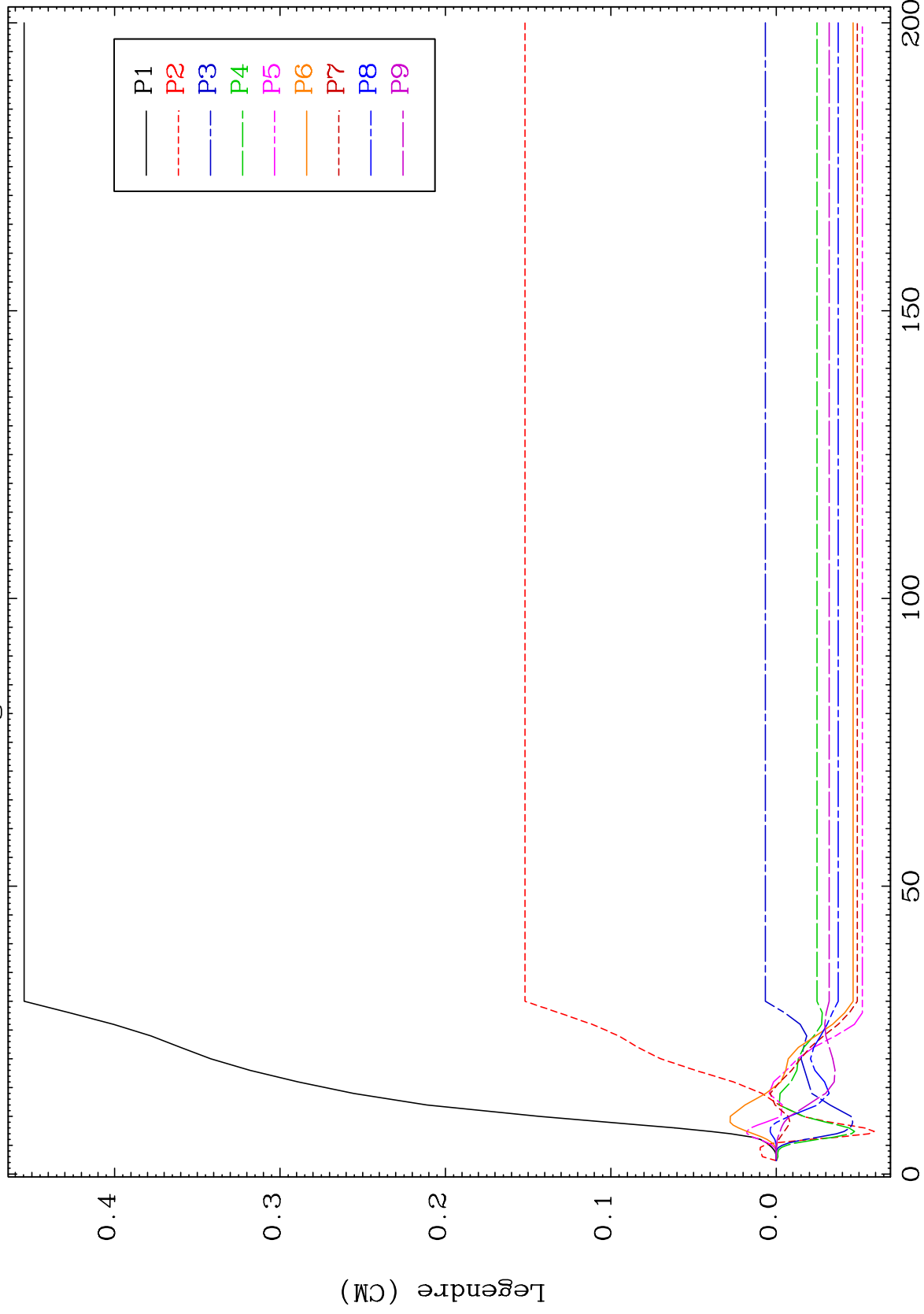




MAT 6604

2.292 MeV (n,n') Level
Legendre Coefficients

66-Dy-149



84

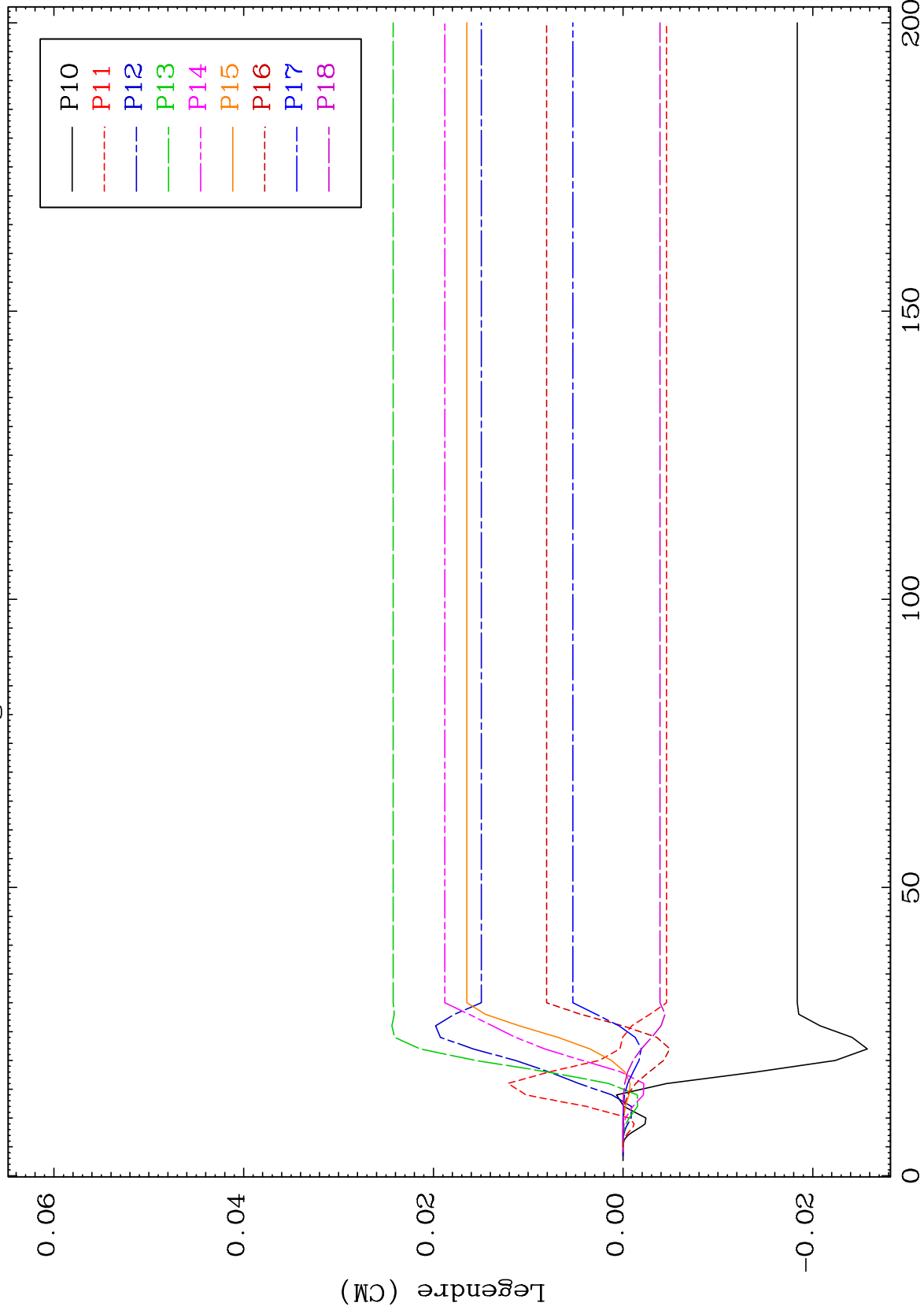
Incident Energy (MeV)

66-Dy-149

MAT 6604

2.292 MeV (n,n') Level
Legendre Coefficients

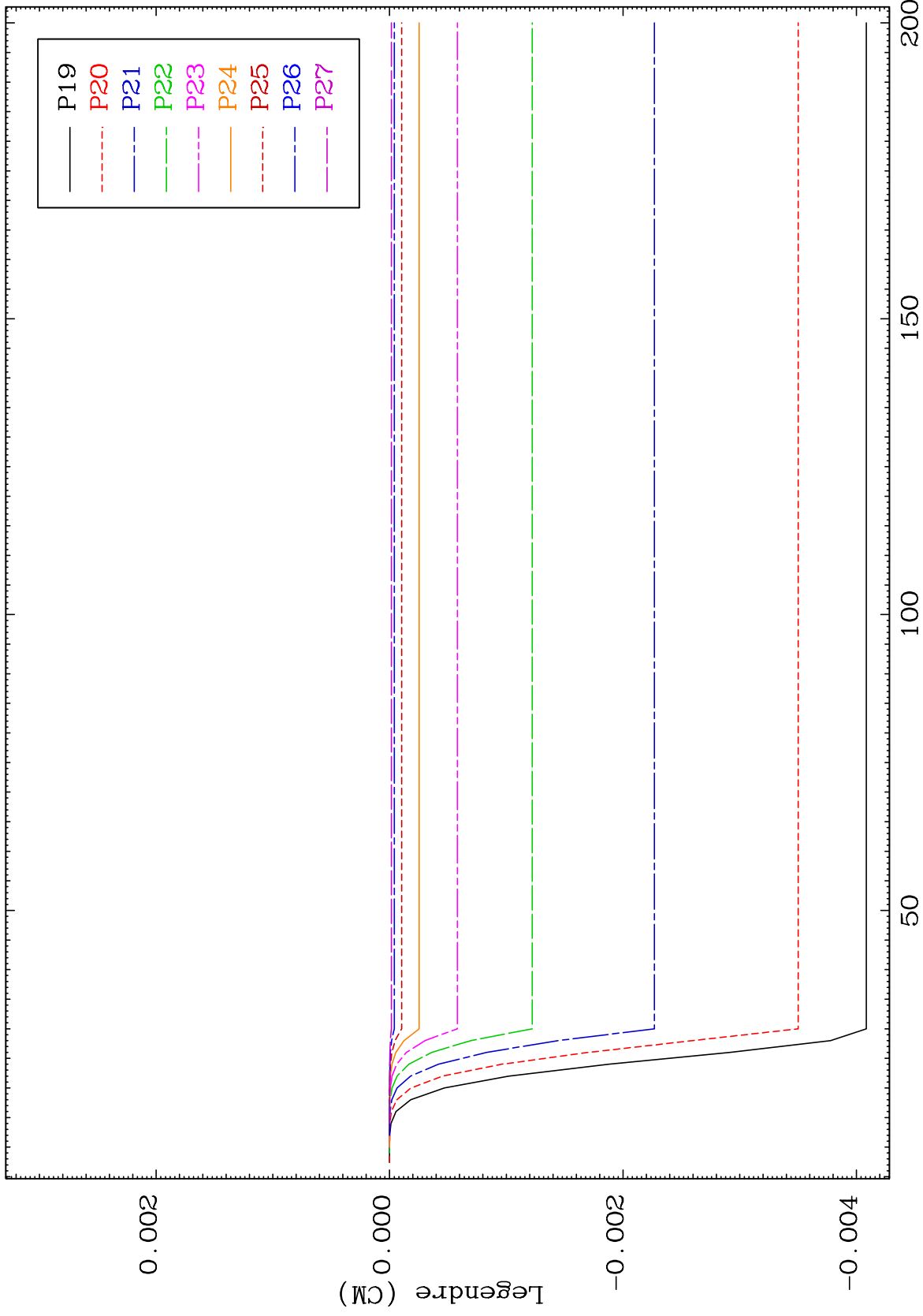
66-Dy-149



85

Incident Energy (MeV)

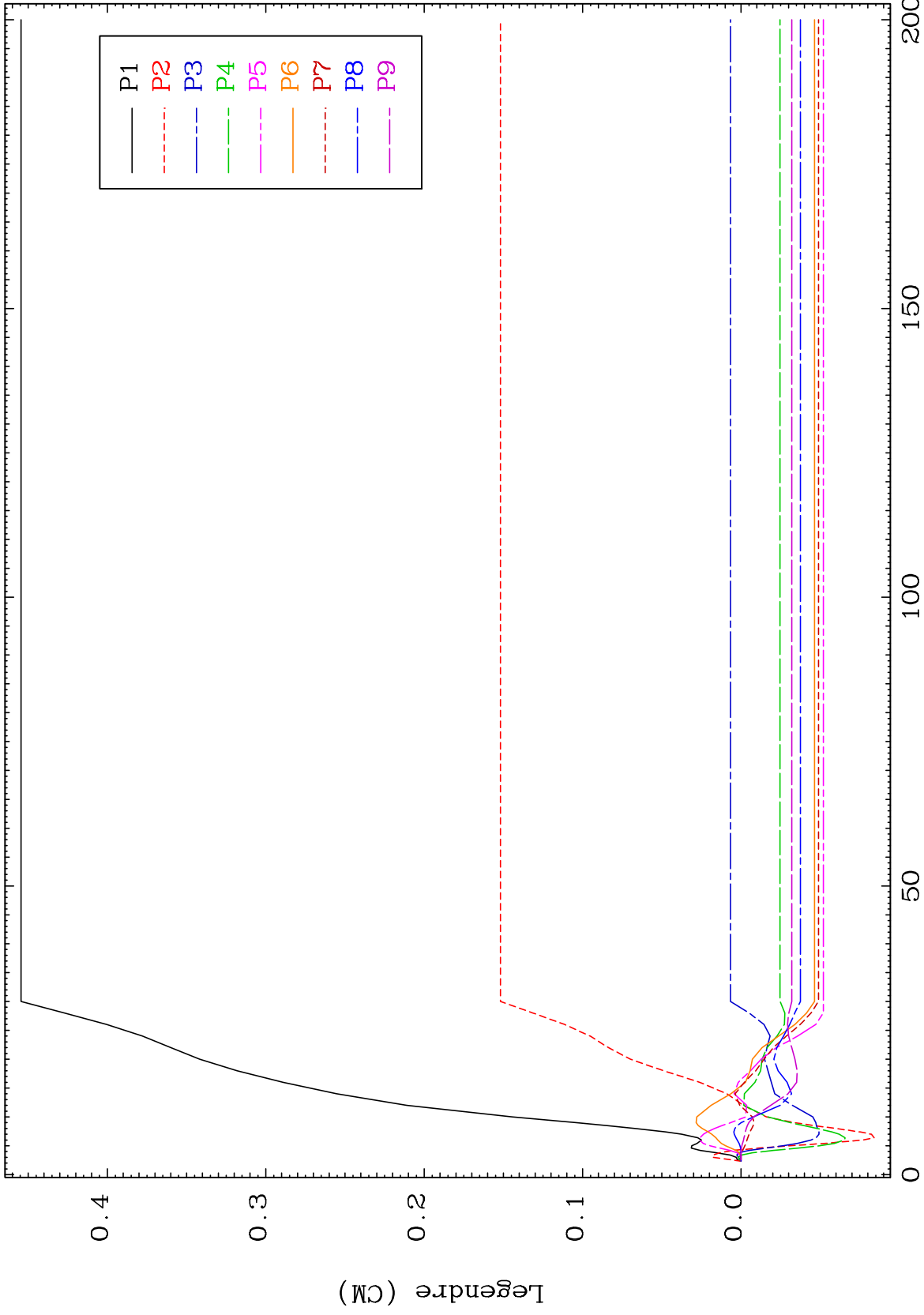
66-Dy-149



MAT 6604

2.312 MeV (n,n') Level
Legendre Coefficients

66-Dy-149



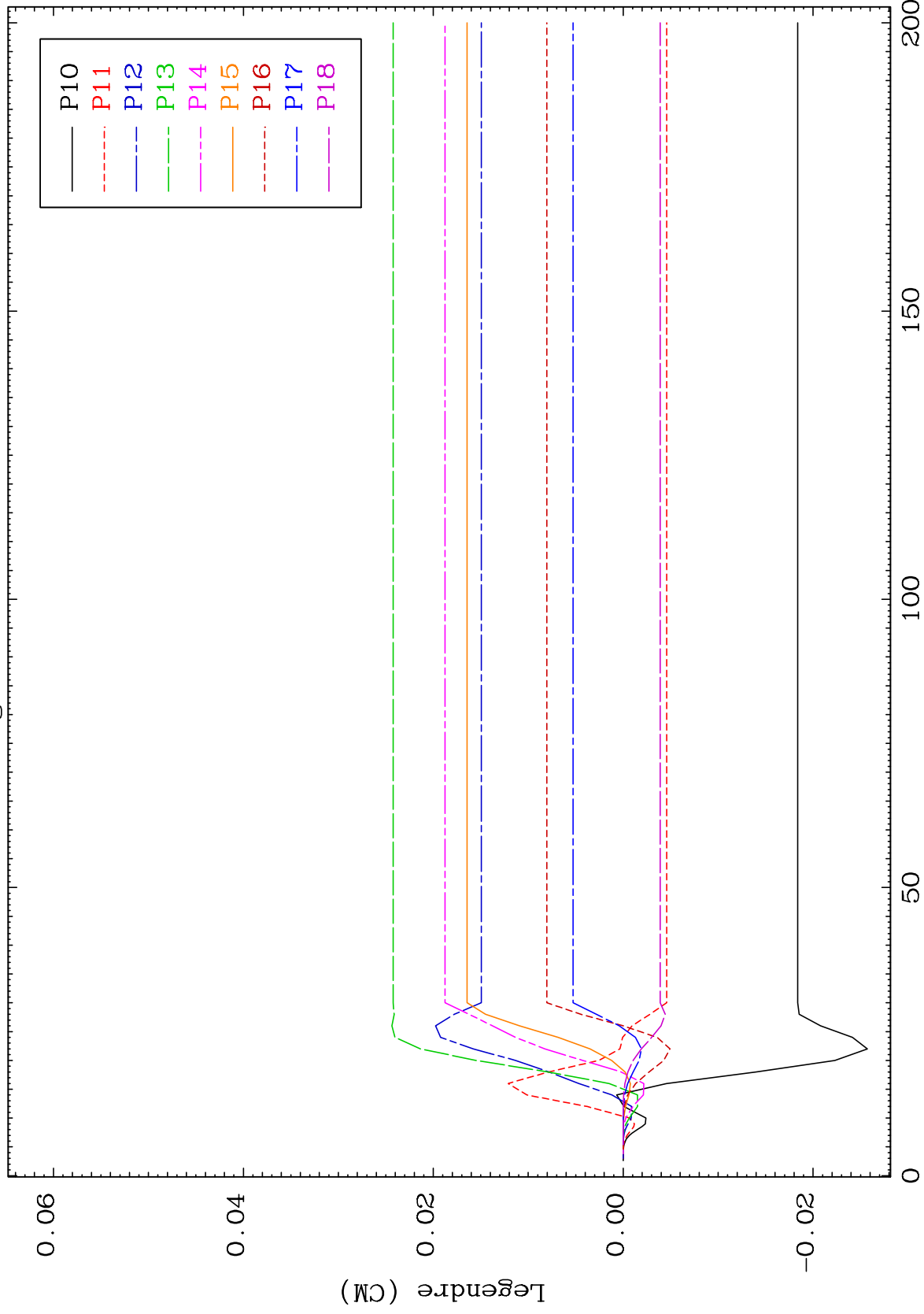
88

66-Dy-149

MAT 6604

2.312 MeV (n,n') Level
Legendre Coefficients

66-Dy-149



89

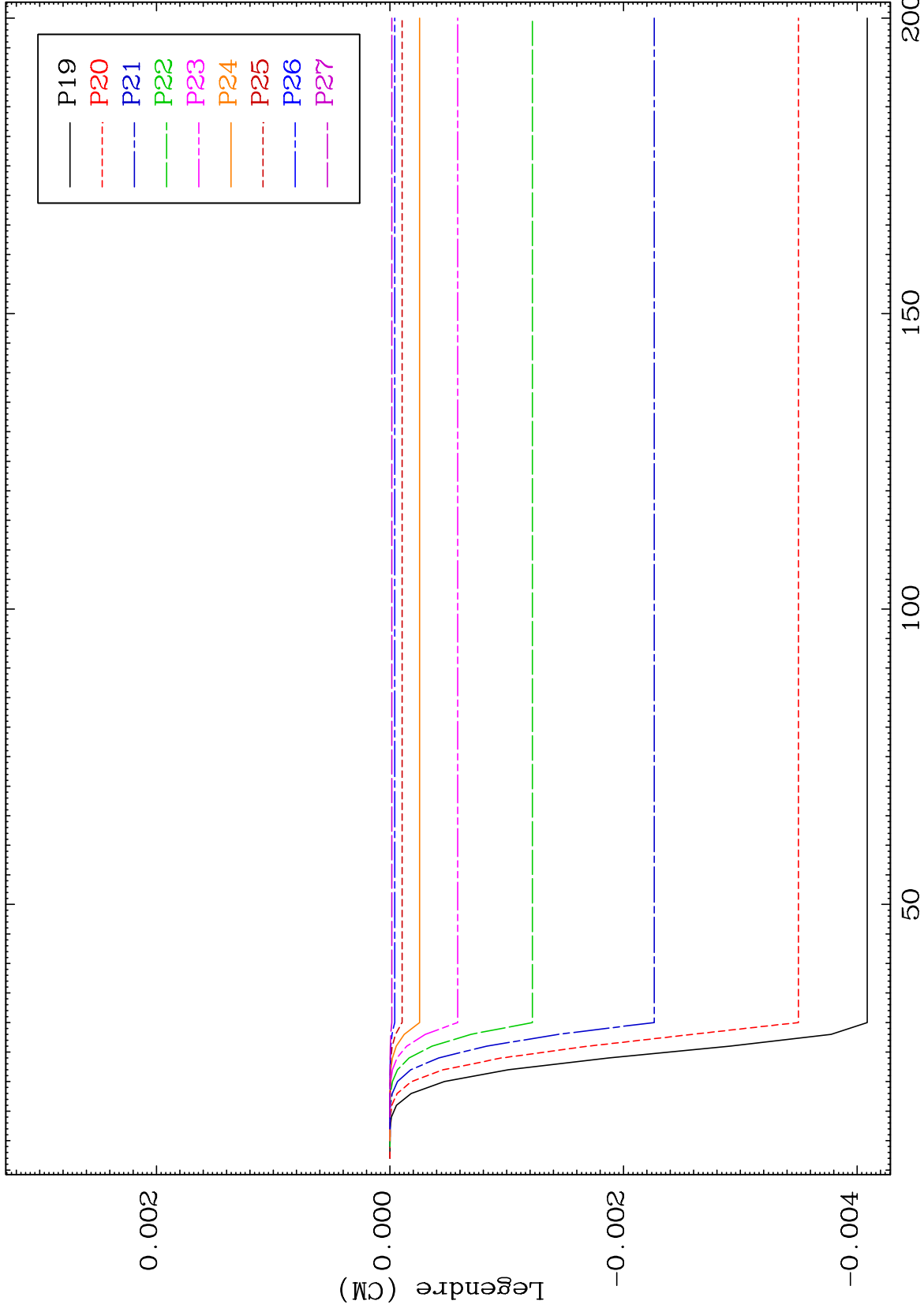
Incident Energy (MeV)

66-Dy-149

MAT 6604

2.312 MeV (n,n') Level
Legendre Coefficients

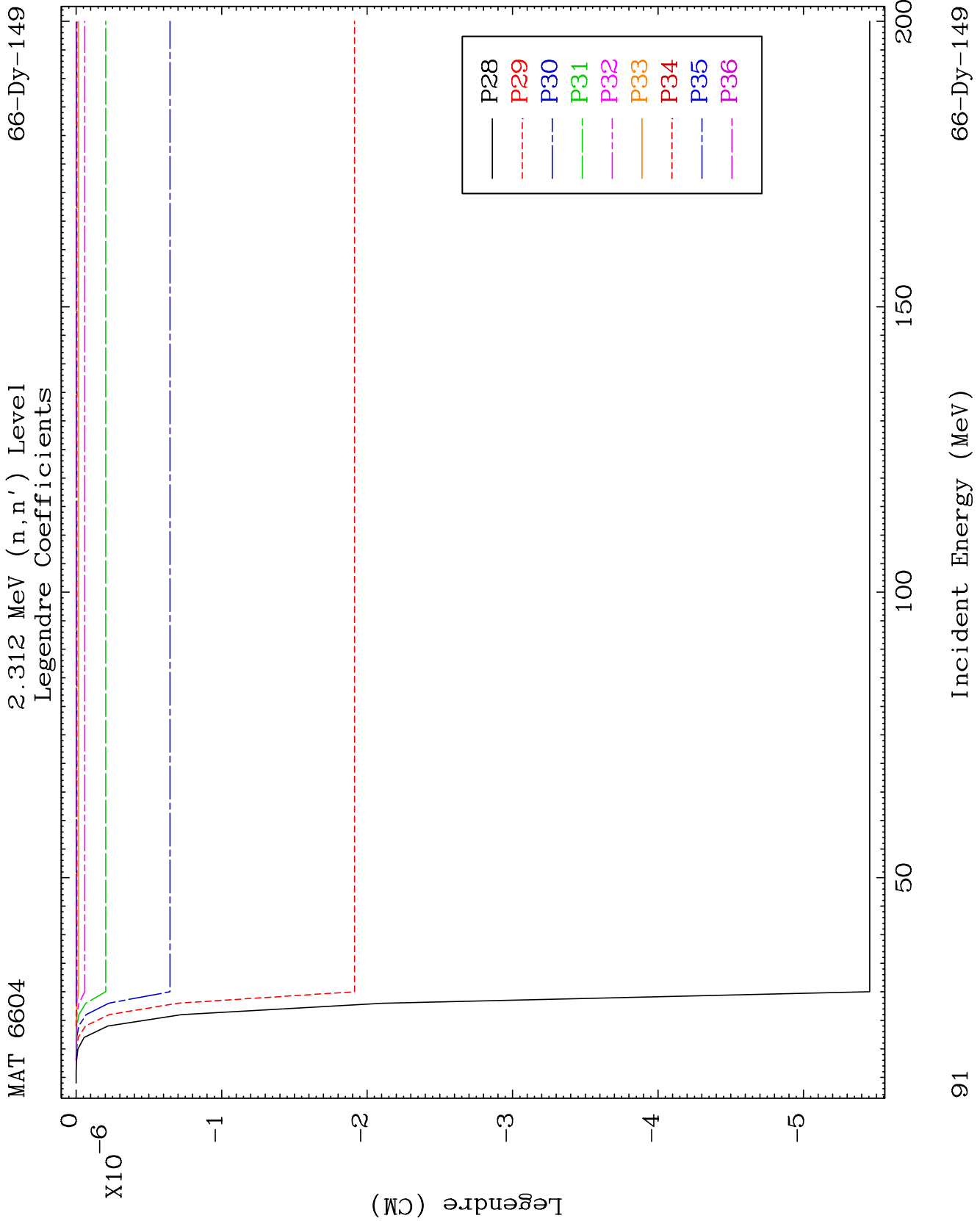
66-Dy-149



90

Incident Energy (MeV)

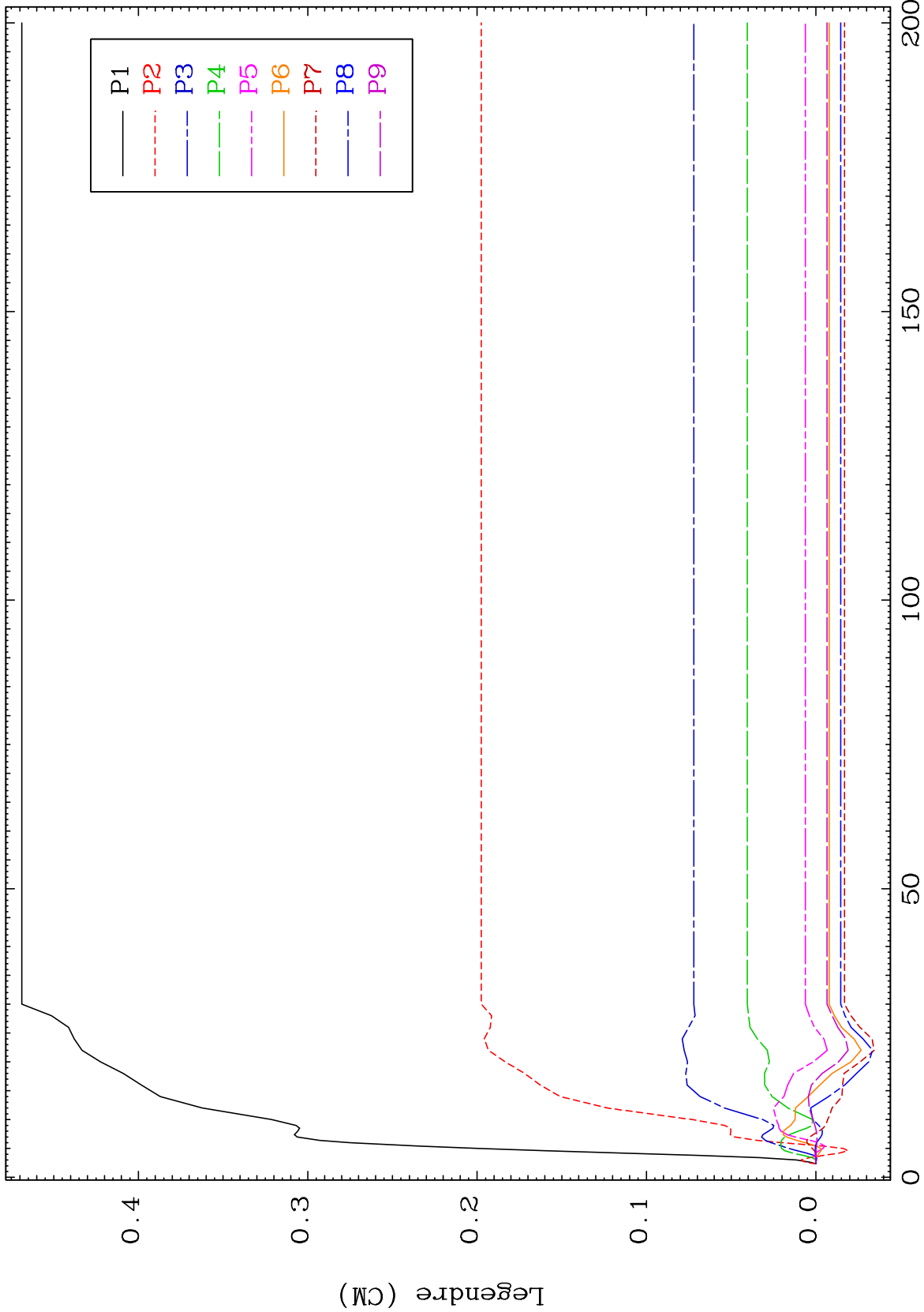
66-Dy-149



MAT 6604

2.321 MeV (n,n') Level
Legendre Coefficients

66-Dy-149



92

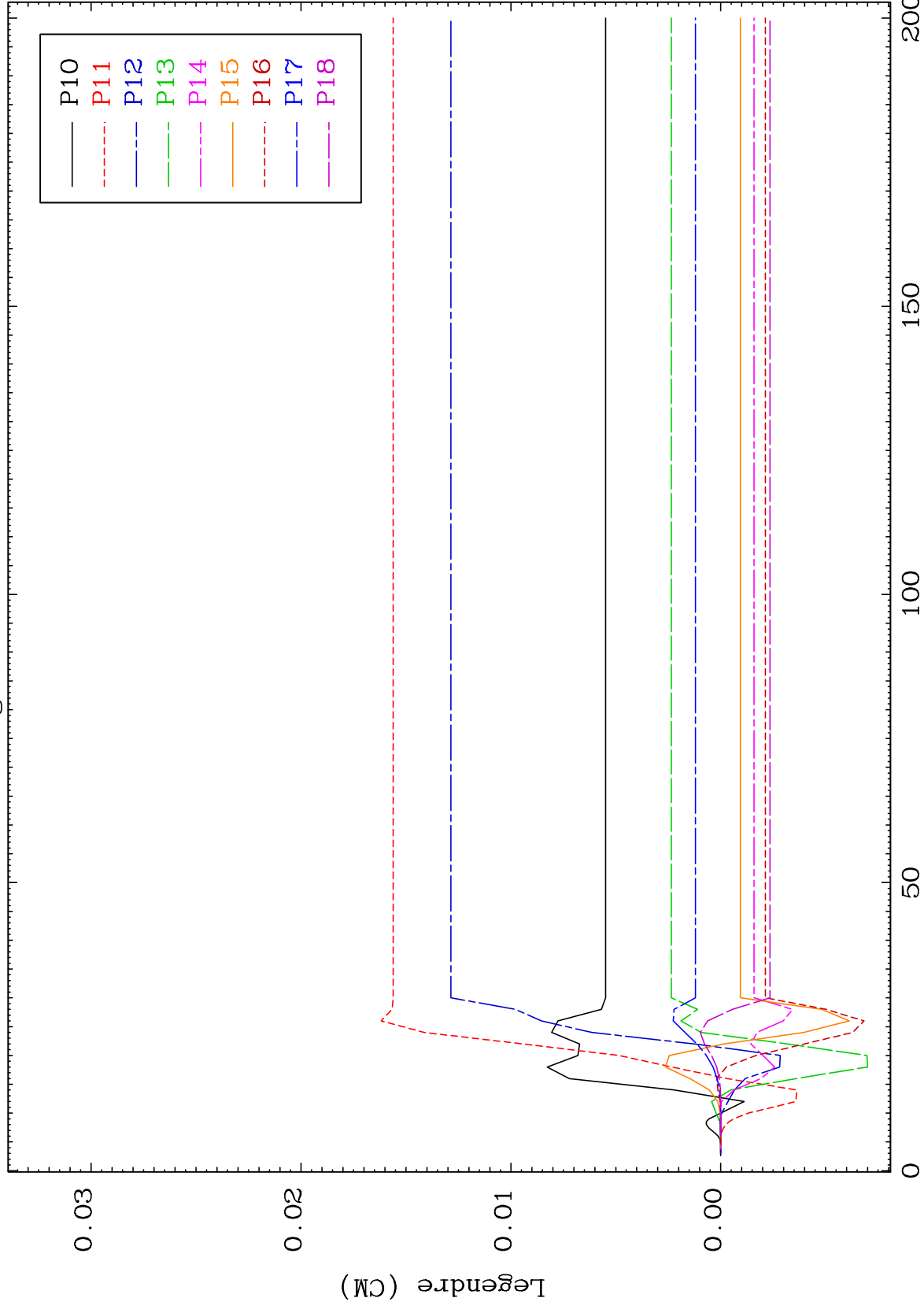
Incident Energy (MeV)

66-Dy-149

MAT 6604

2.321 MeV (n,n') Level
Legendre Coefficients

66-Dy-149



93

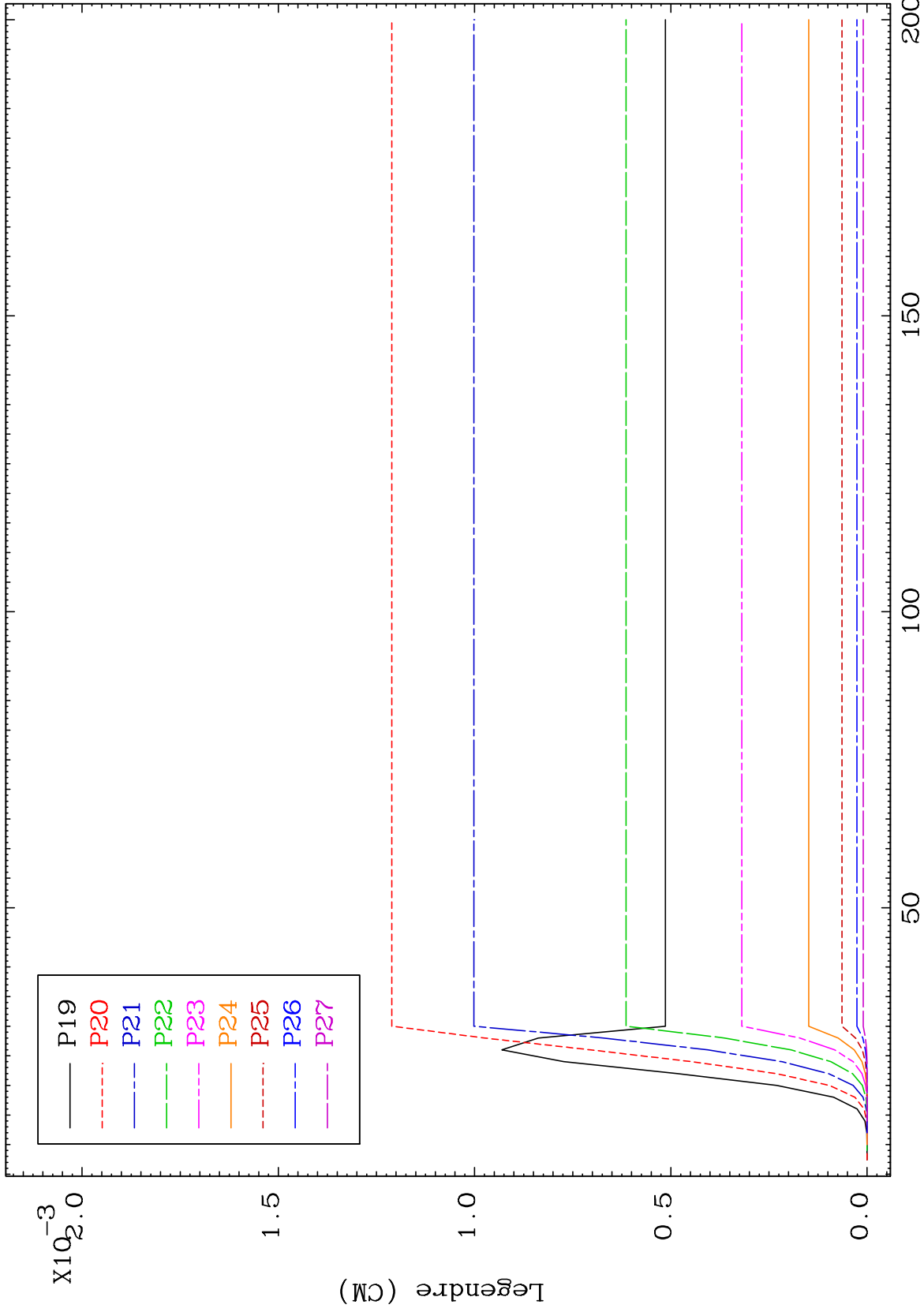
Incident Energy (MeV)

66-Dy-149

MAT 6604

2.321 MeV (n,n') Level
Legendre Coefficients

66-Dy-149



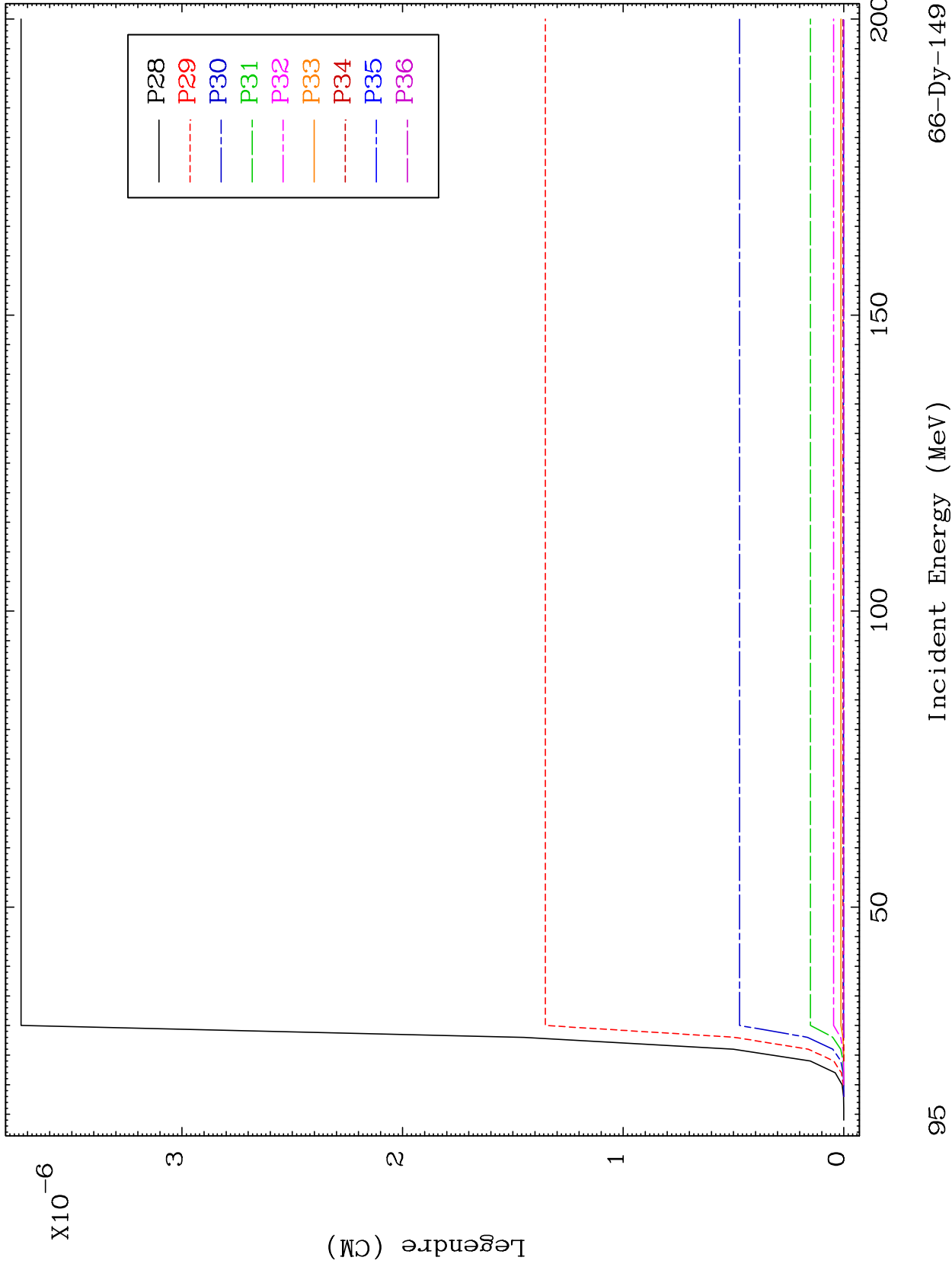
94

66-Dy-149

MAT 6604

2.321 MeV (n,n') Level
Legendre Coefficients

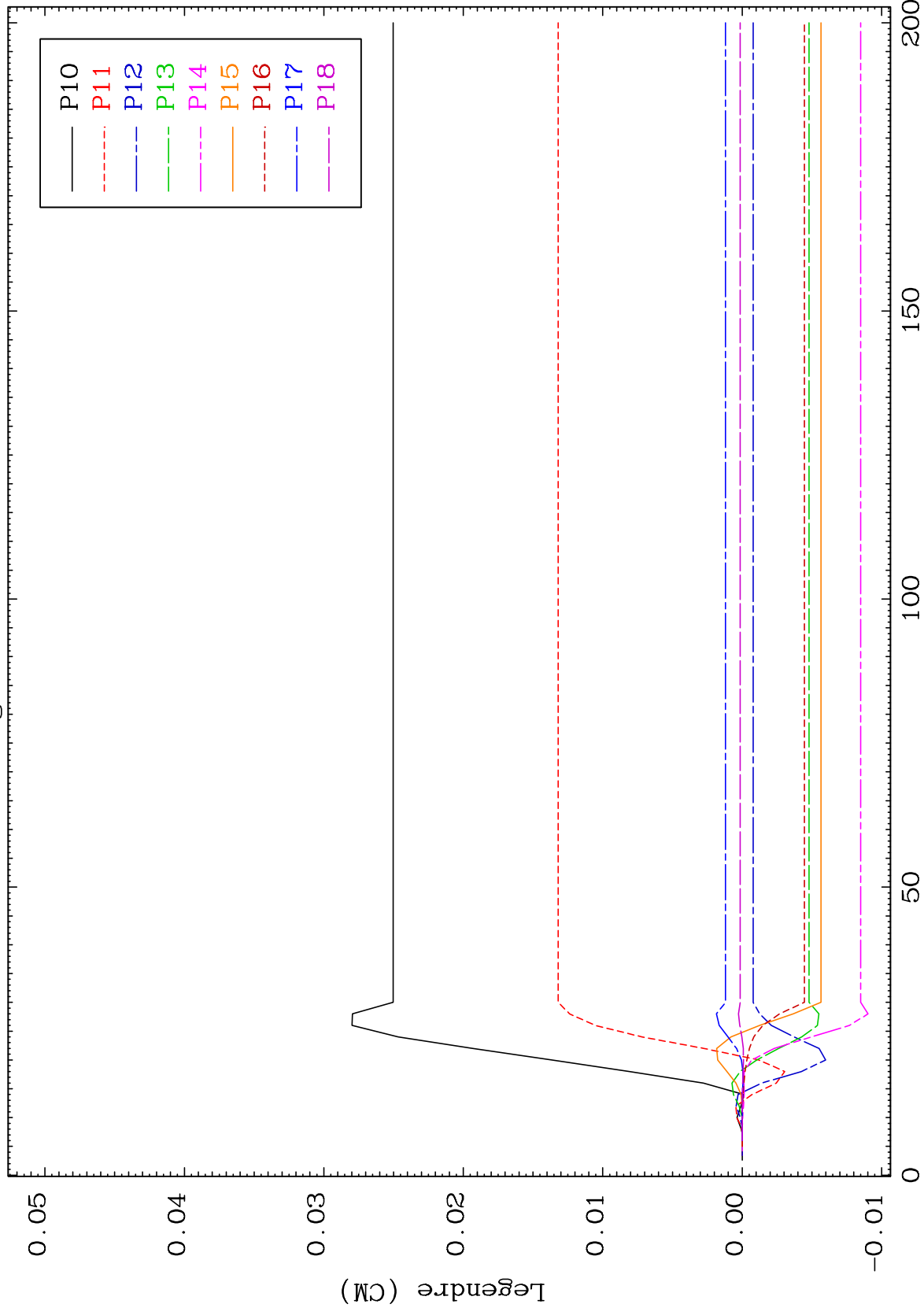
66-Dy-149



MAT 6604

2.358 MeV (n,n') Level
Legendre Coefficients

66-Dy-149



97

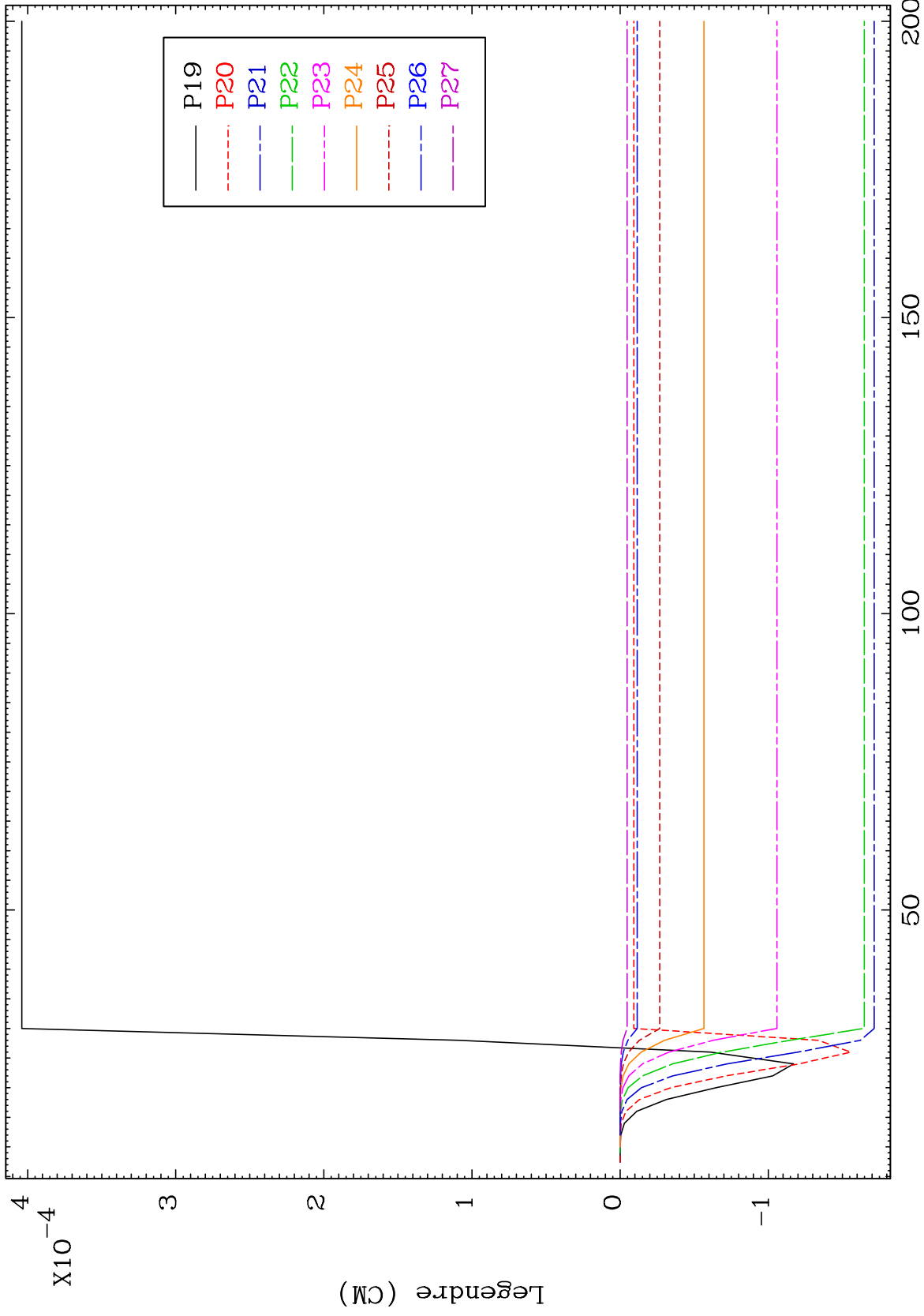
Incident Energy (MeV)

66-Dy-149

MAT 6604

2.358 MeV (n, n') Level
Legendre Coefficients

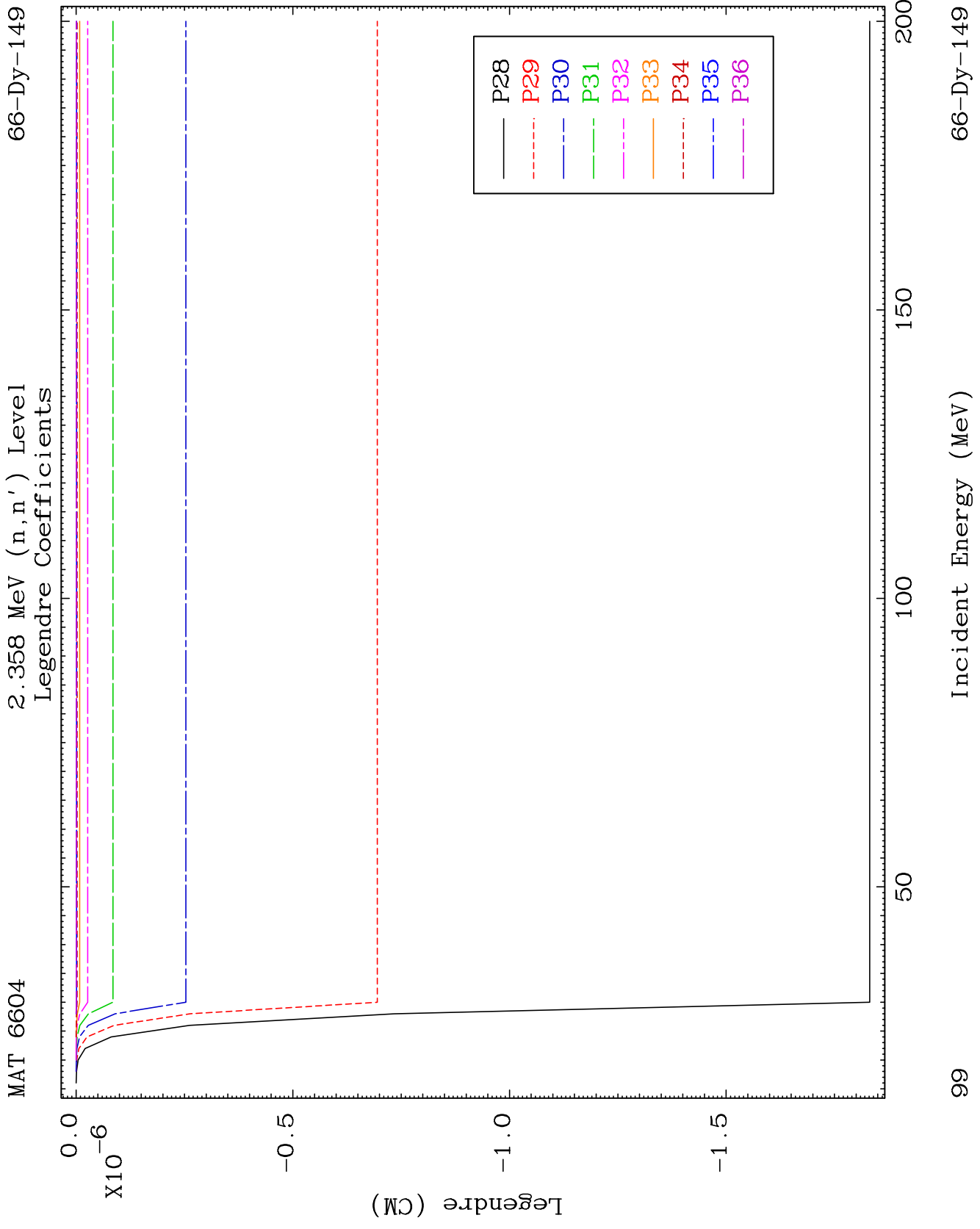
66-Dy-149



98

Incident Energy (MeV)

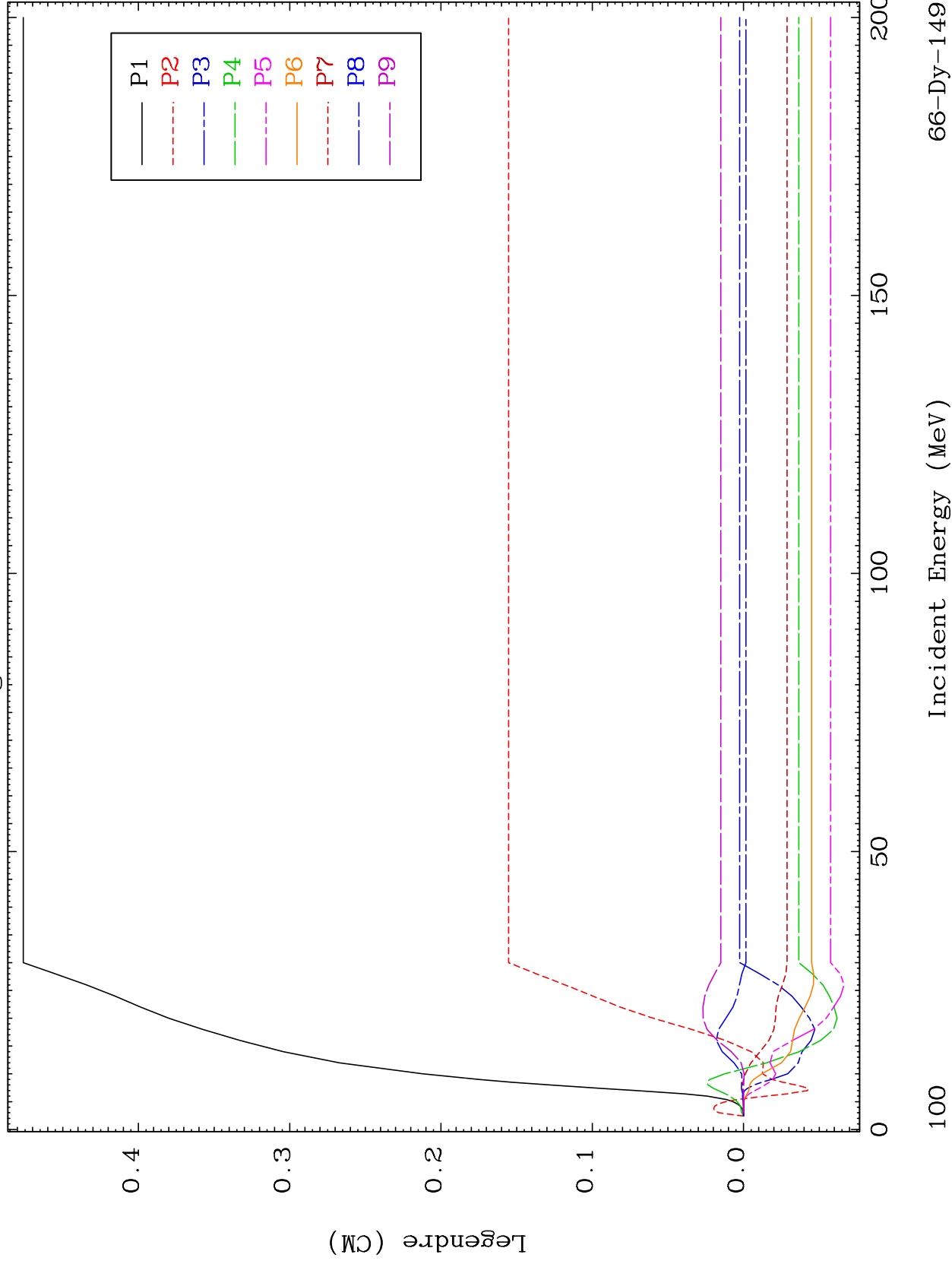
66-Dy-149



MAT 6604

2.402 MeV (n,n') Level
Legendre Coefficients

66-Dy-149



66-Dy-149

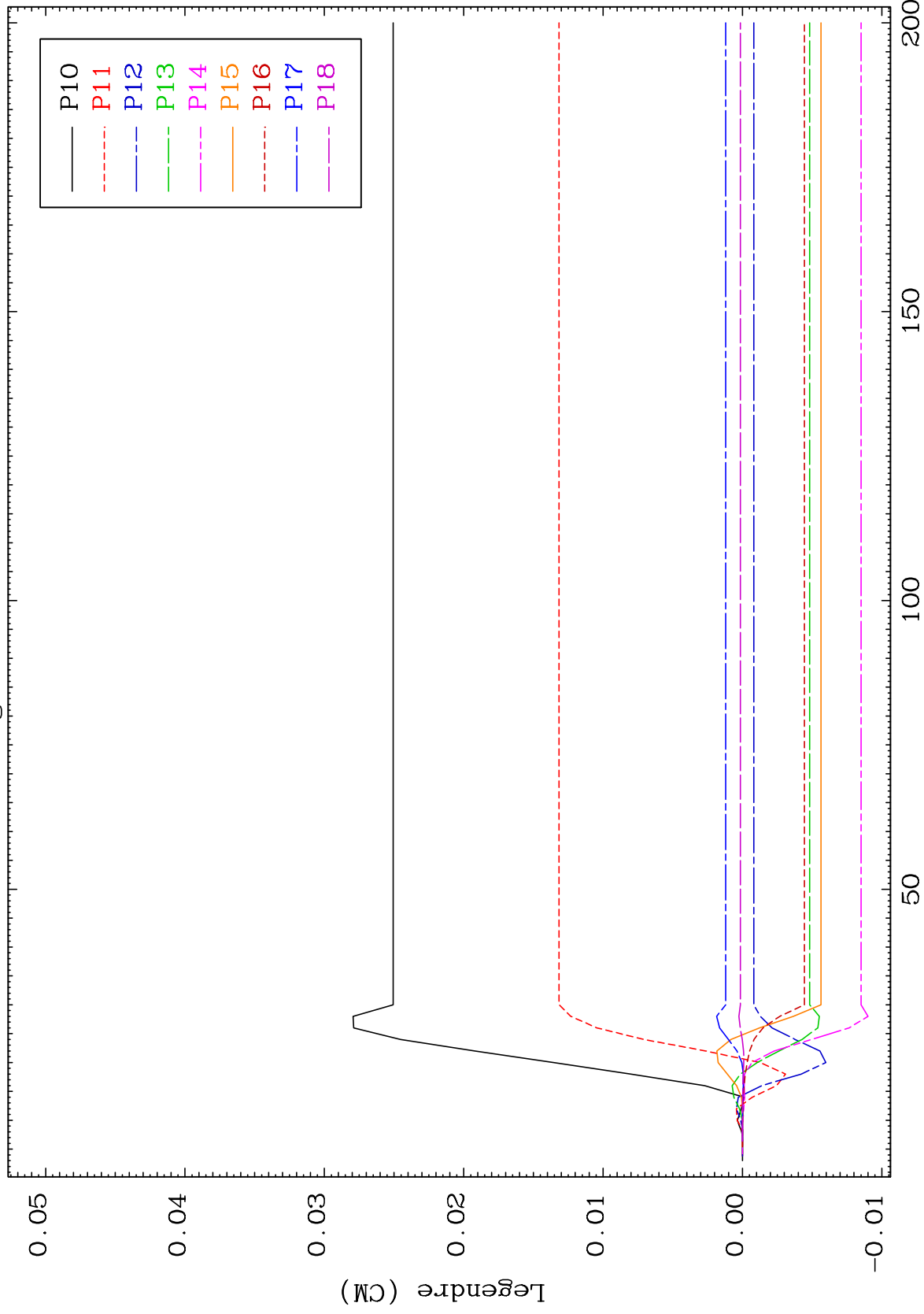
Incident Energy (MeV)

100

MAT 6604

2.402 MeV (n,n') Level
Legendre Coefficients

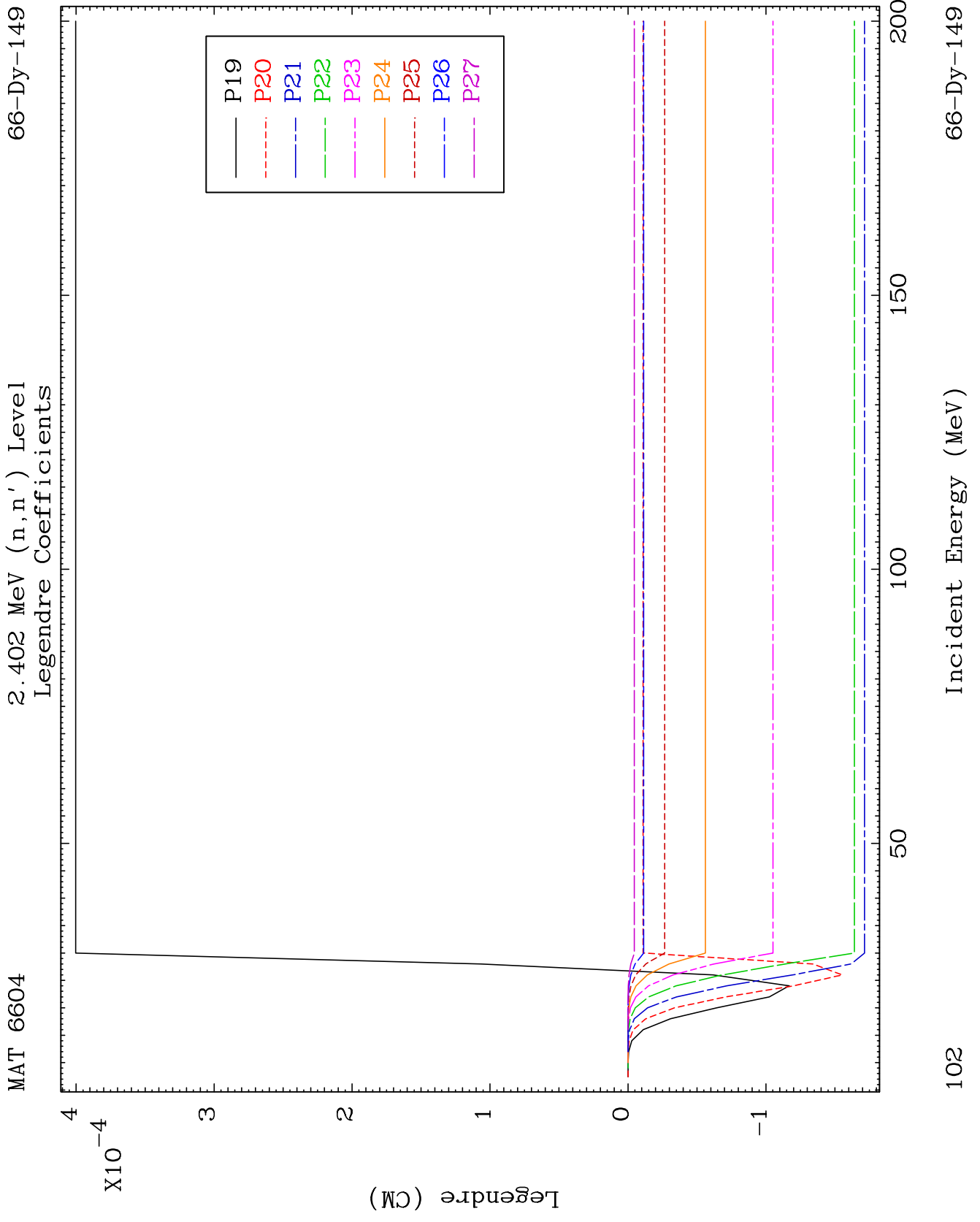
66-Dy-149

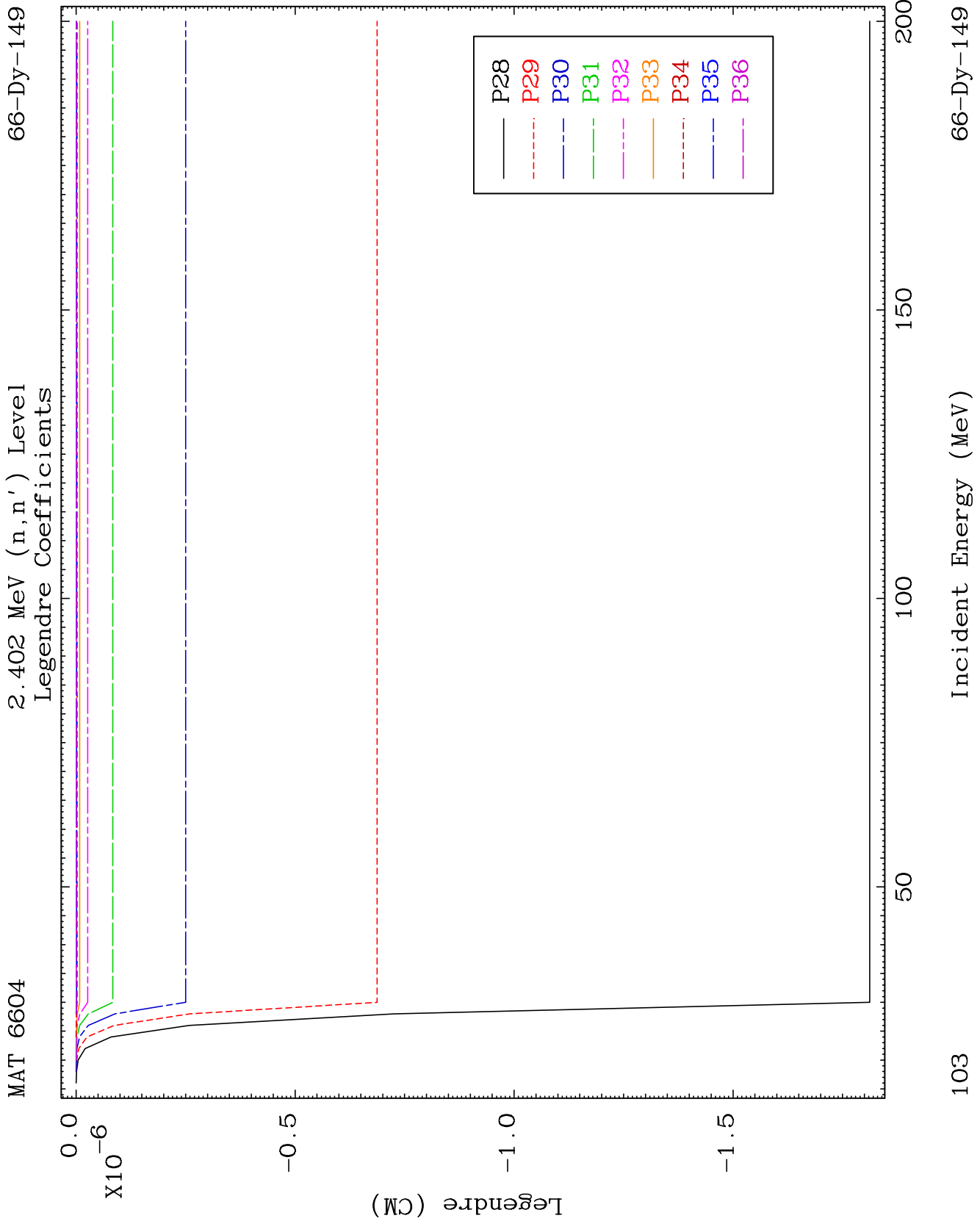


101

Incident Energy (MeV)

66-Dy-149

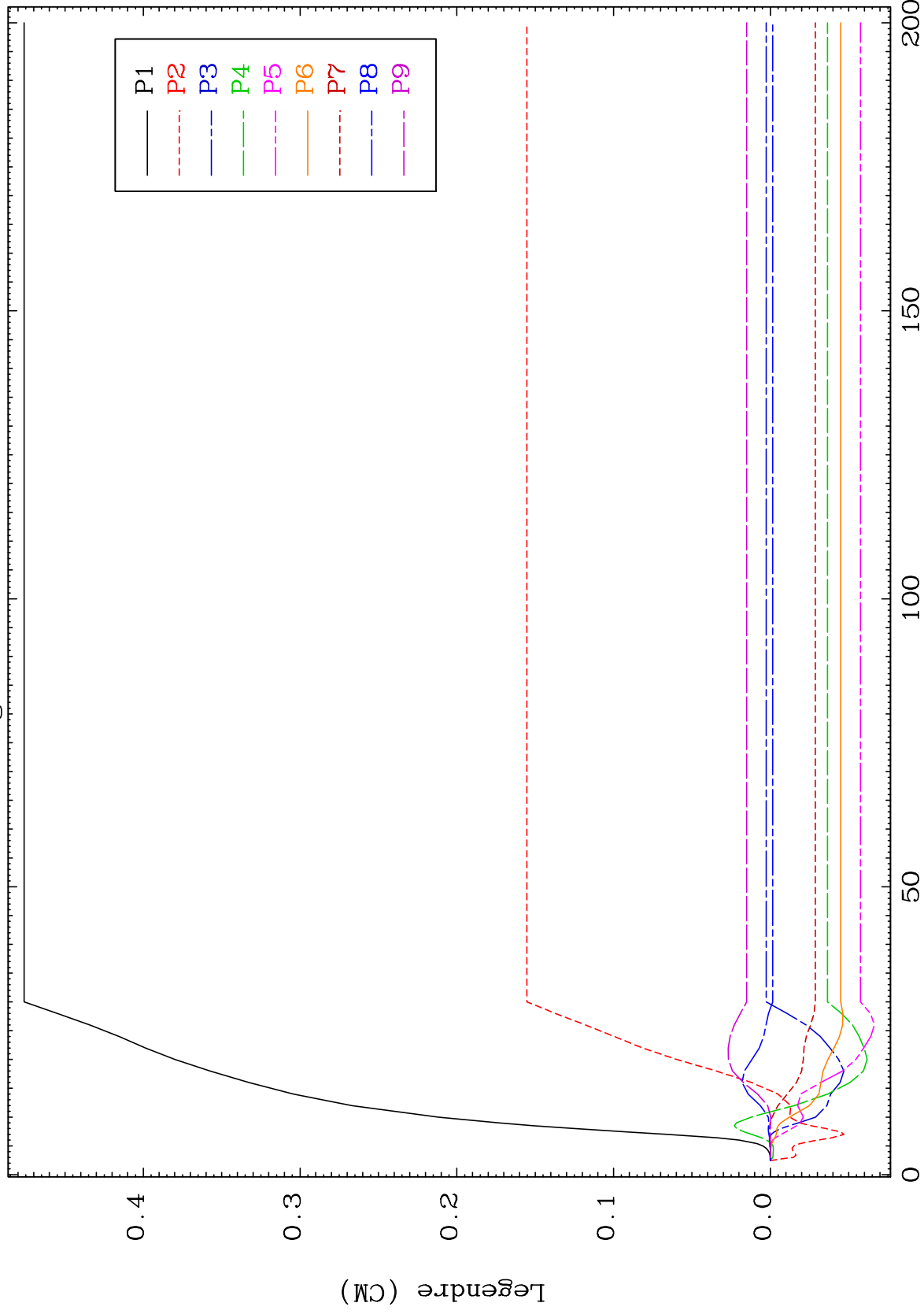




MAT 6604

2.409 MeV (n, n') Level
Legendre Coefficients

66-Dy-149



104

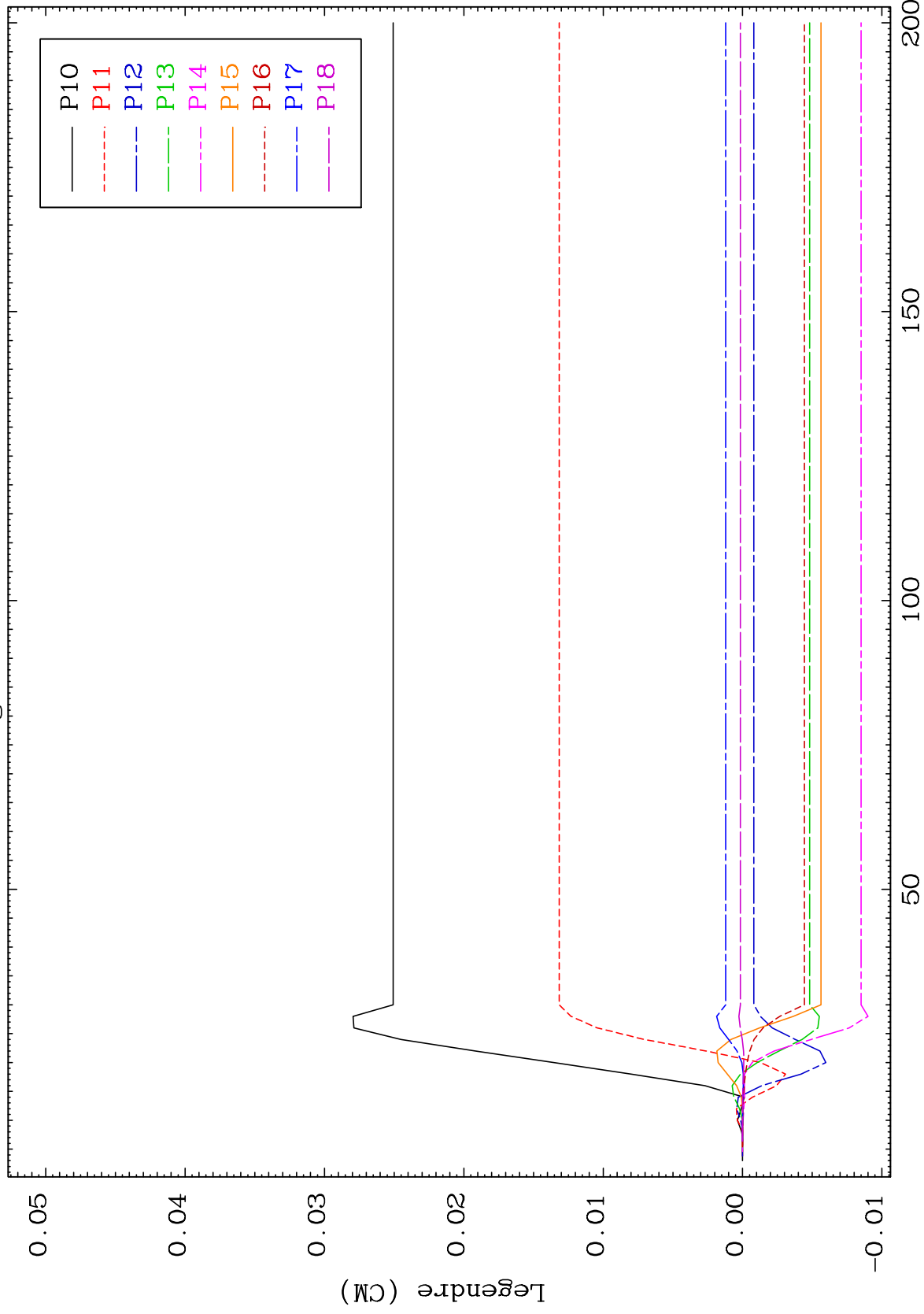
Incident Energy (MeV)

66-Dy-149

MAT 6604

2.409 MeV (n,n') Level
Legendre Coefficients

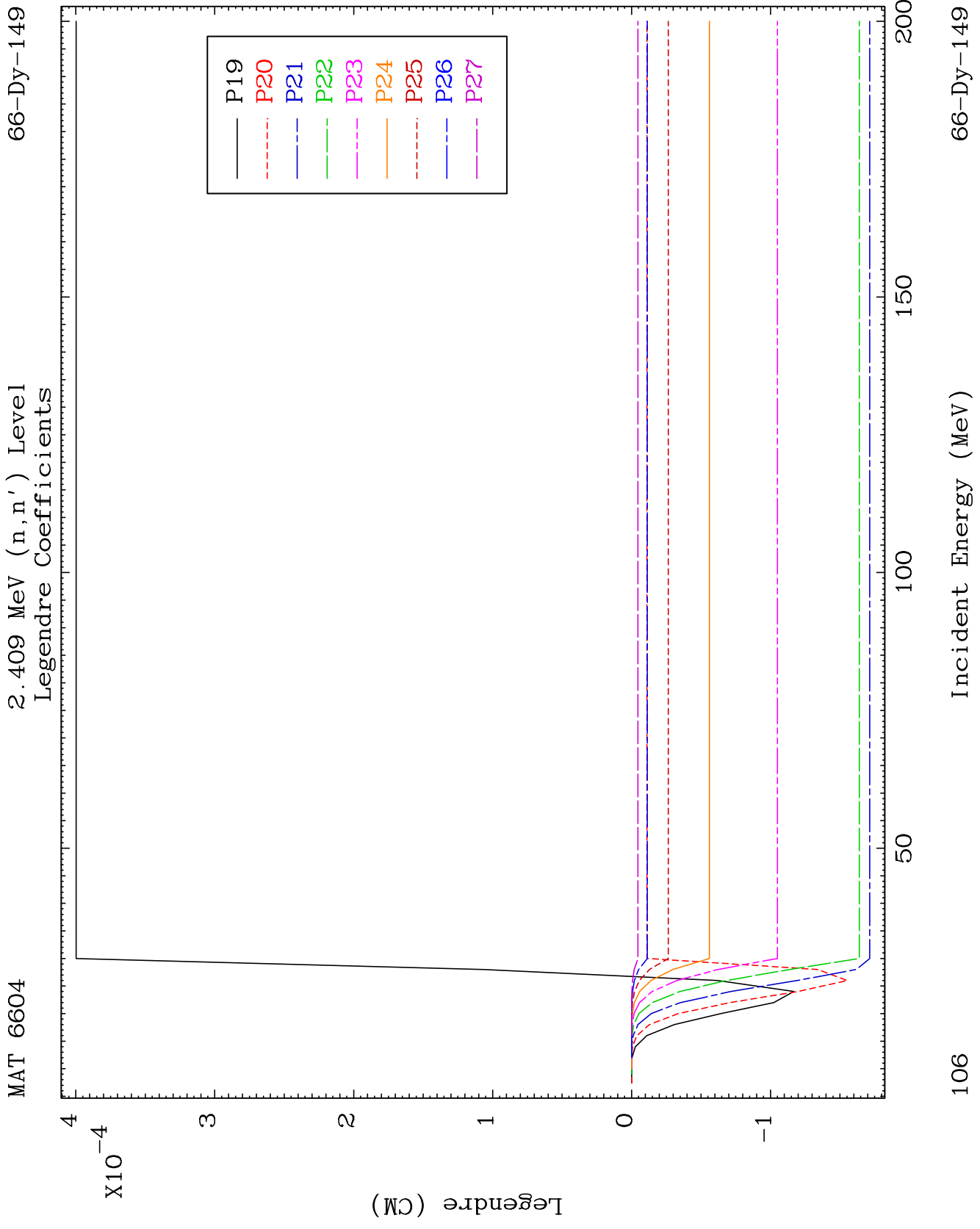
66-Dy-149

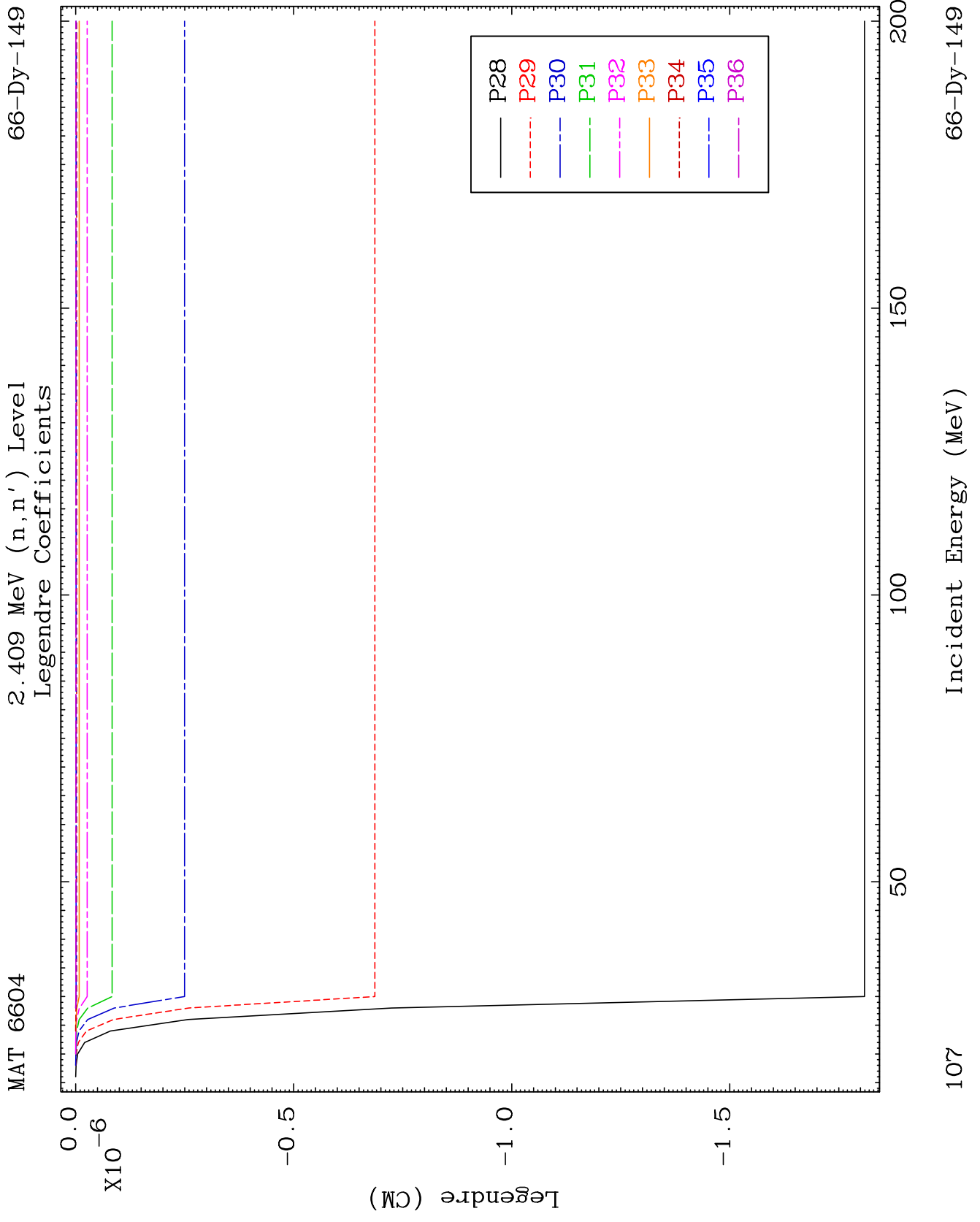


105

Incident Energy (MeV)

66-Dy-149

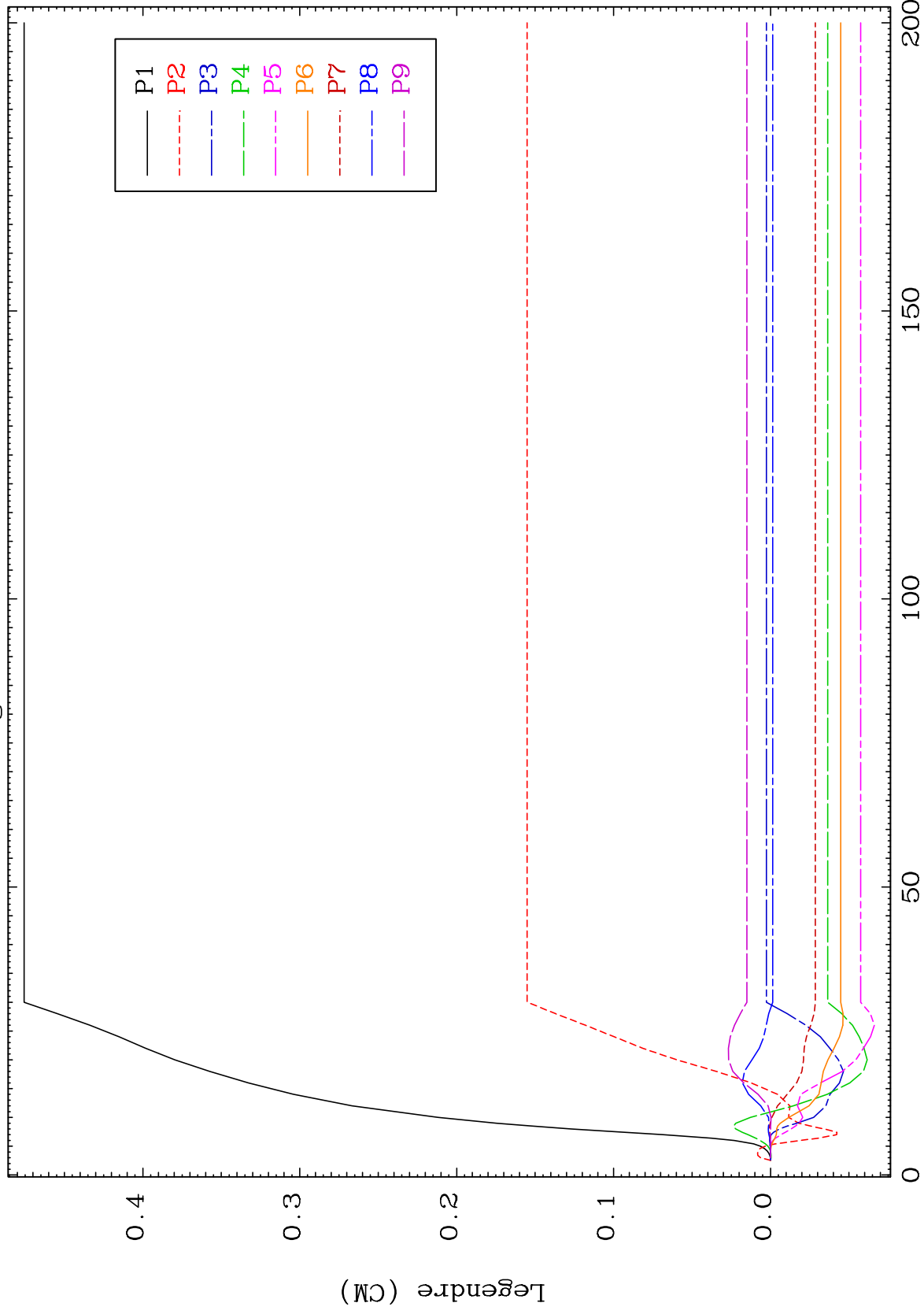




MAT 6604

2.466 MeV (n,n') Level
Legendre Coefficients

66-Dy-149



108

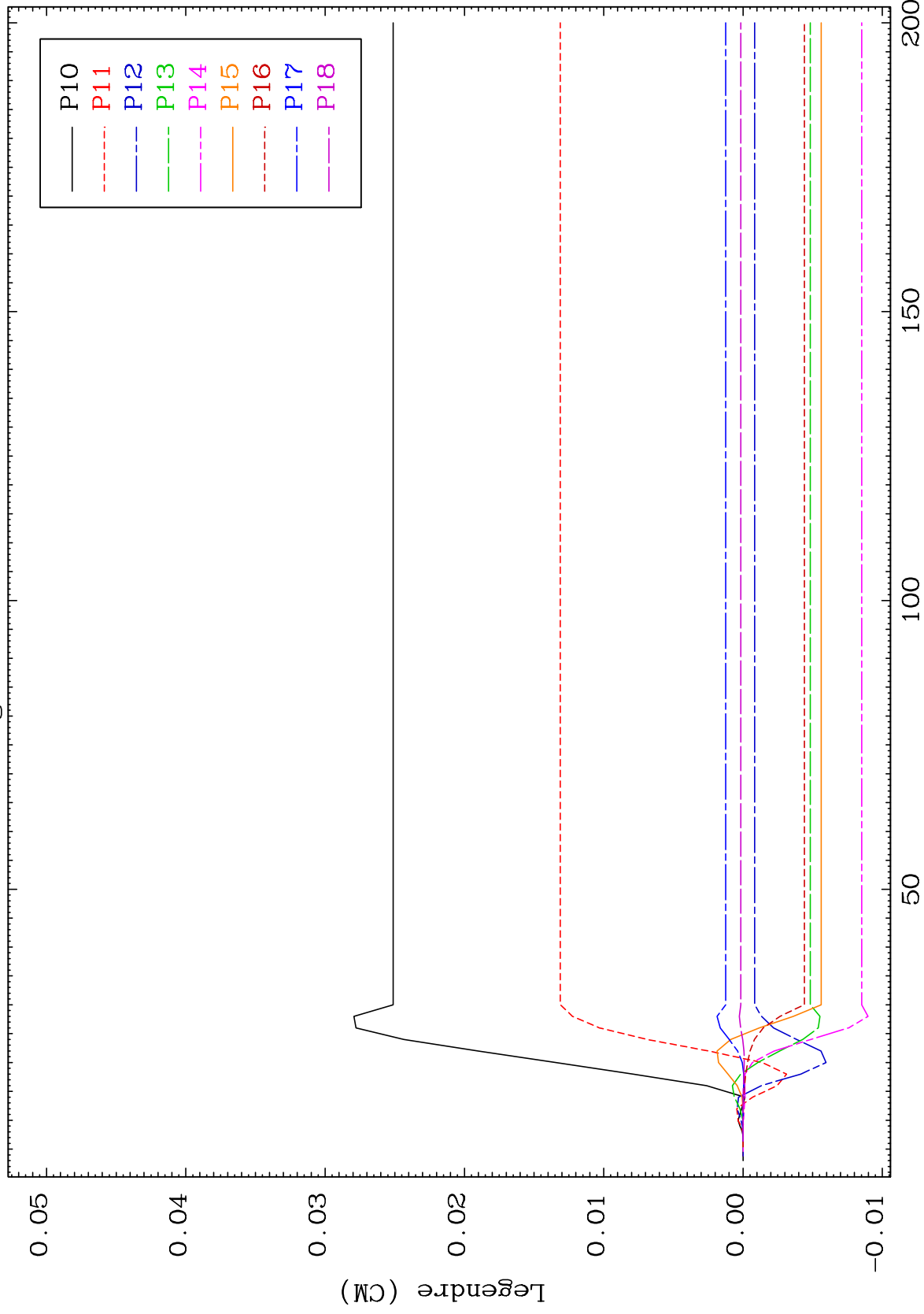
Incident Energy (MeV)

66-Dy-149

MAT 6604

2.466 MeV (n,n') Level
Legendre Coefficients

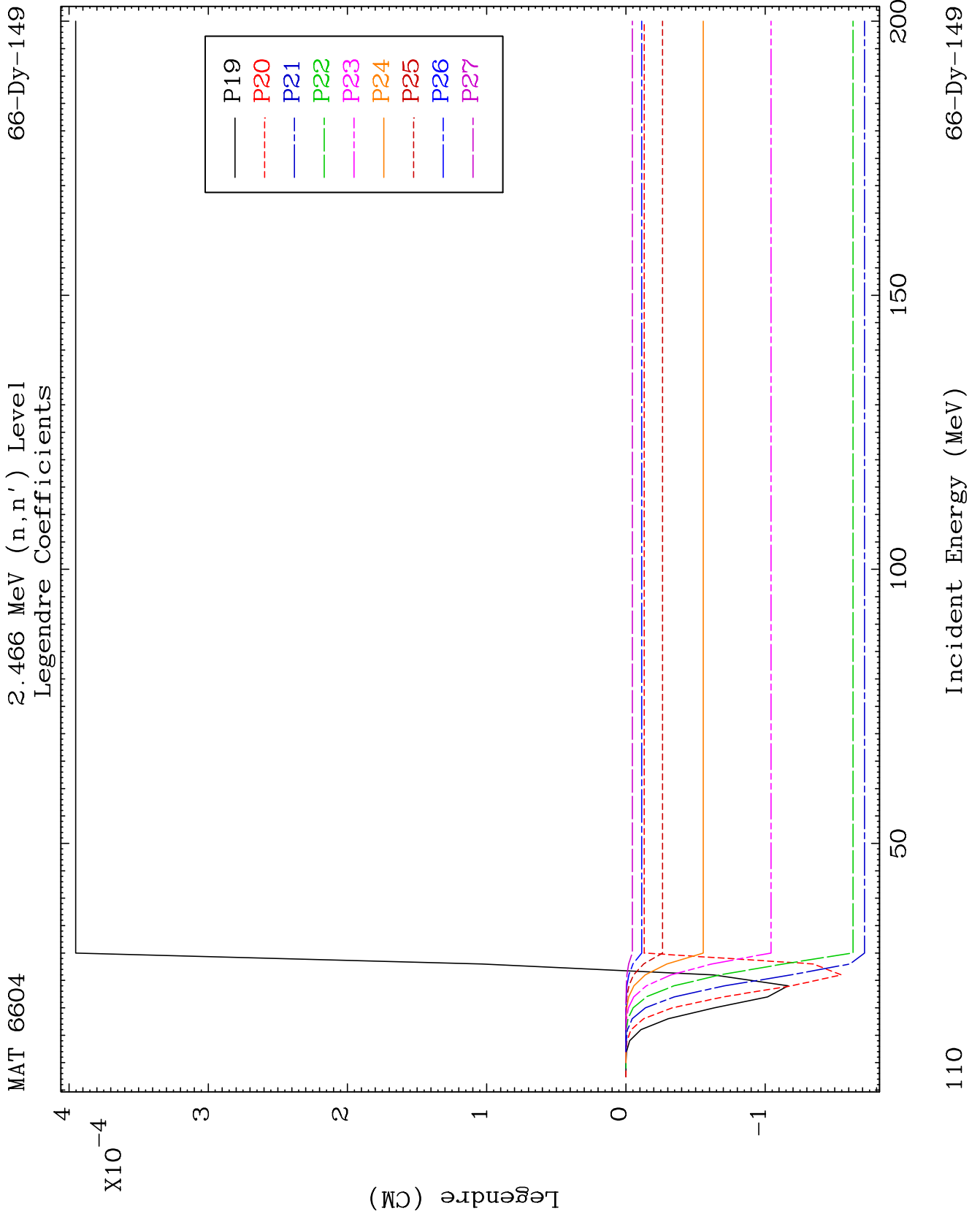
66-Dy-149

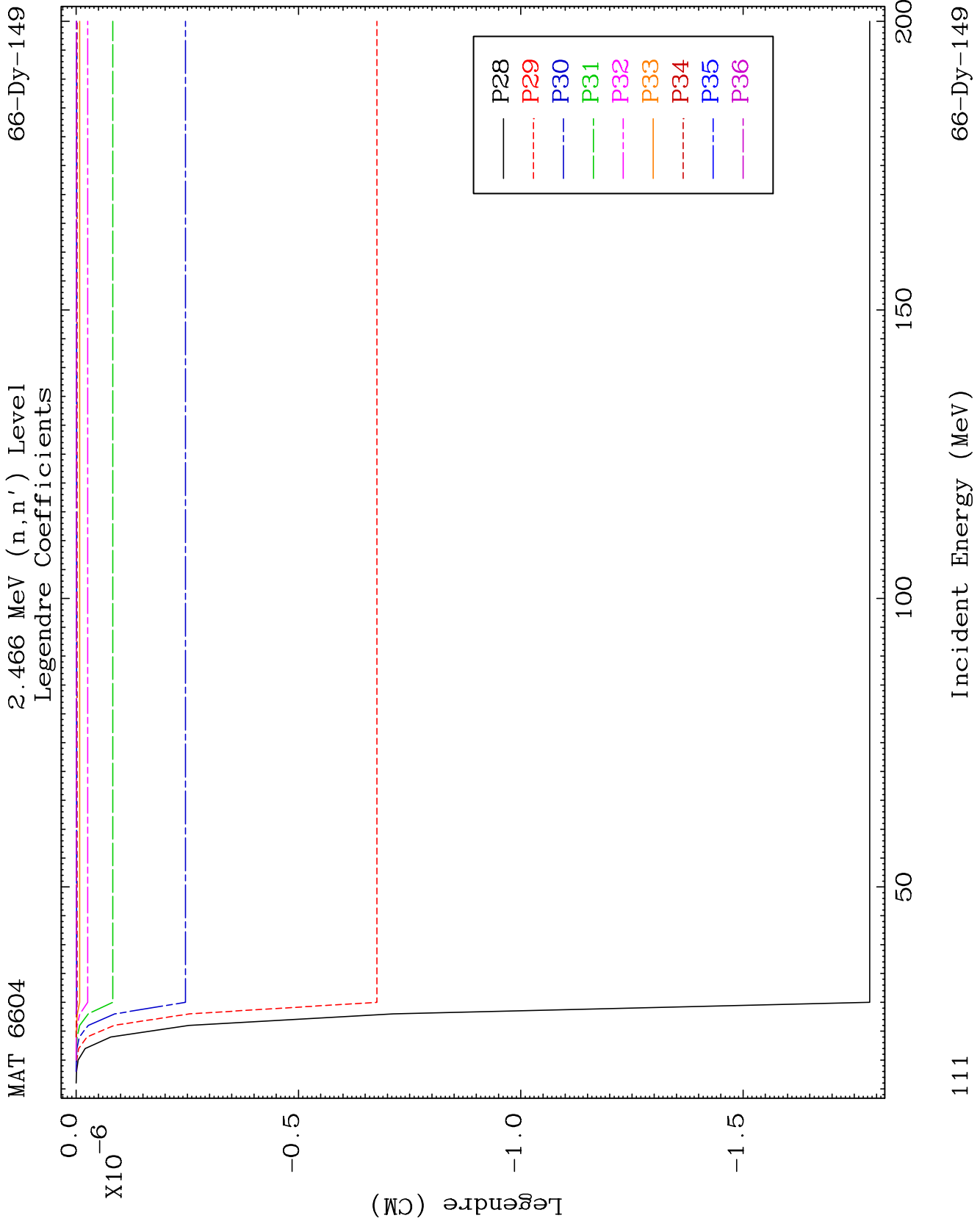


109

Incident Energy (MeV)

66-Dy-149

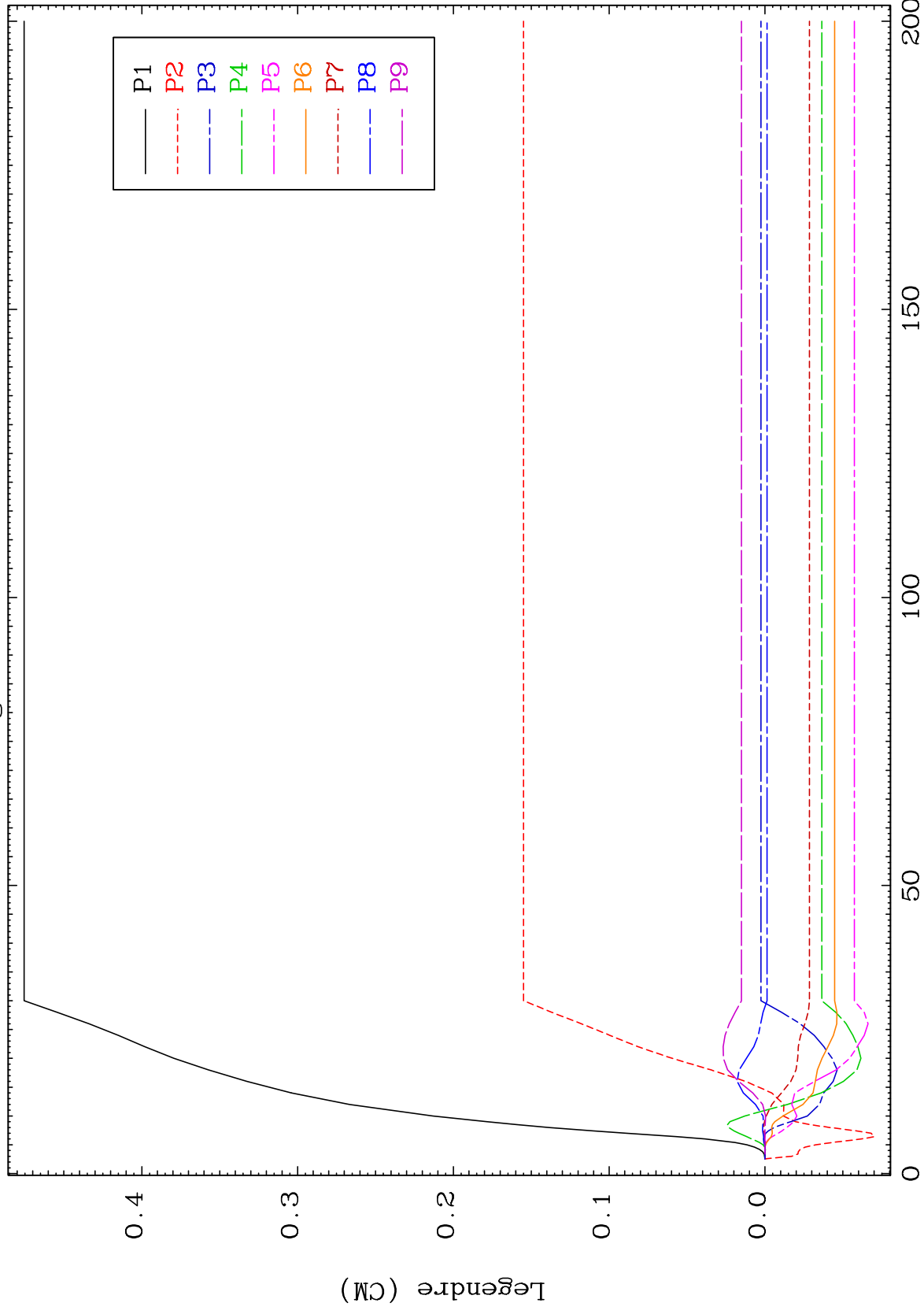




MAT 6604

2.487 MeV (n,n') Level
Legendre Coefficients

66-Dy-149



112

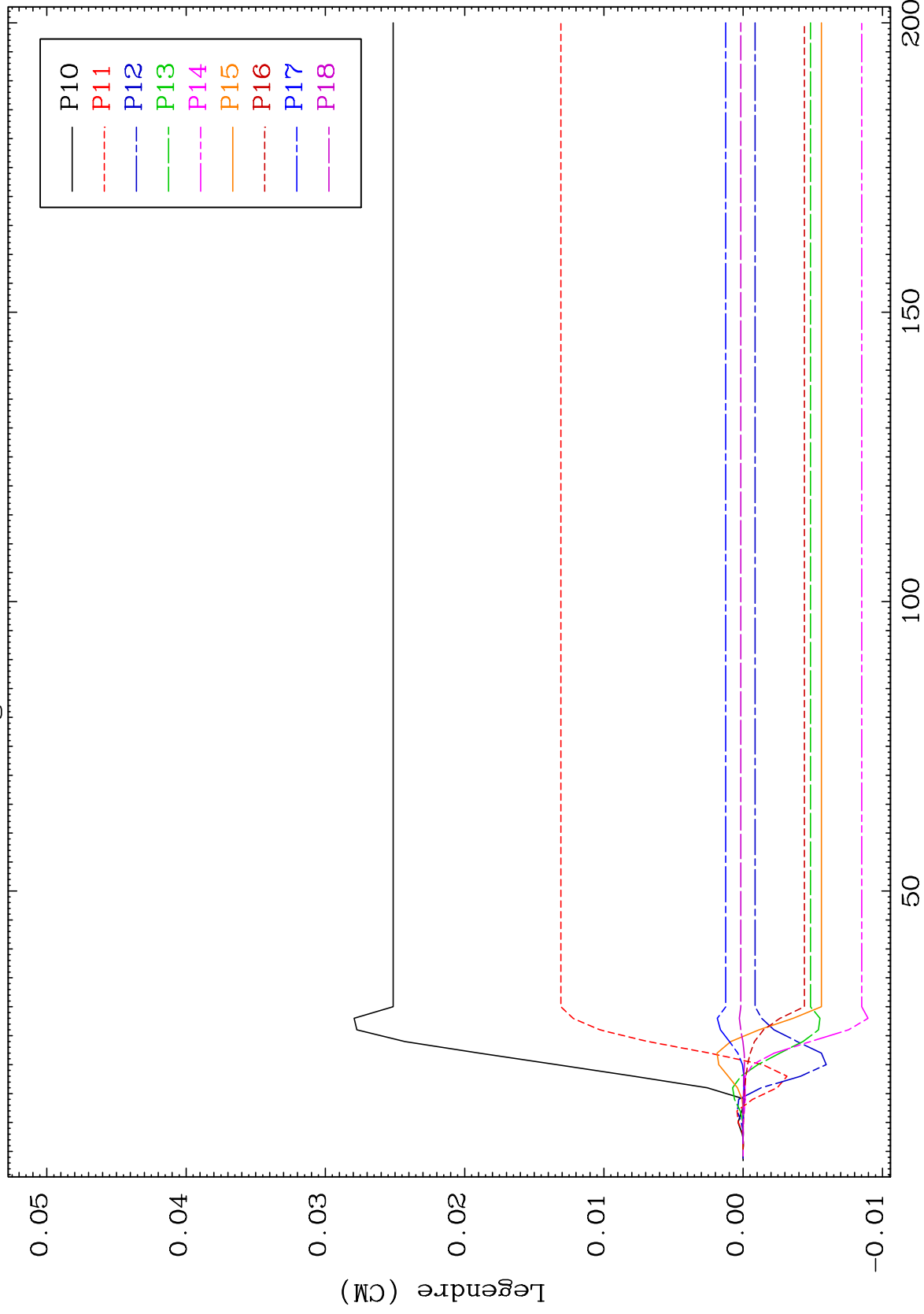
Incident Energy (MeV)

66-Dy-149

MAT 6604

2.487 MeV (n,n') Level
Legendre Coefficients

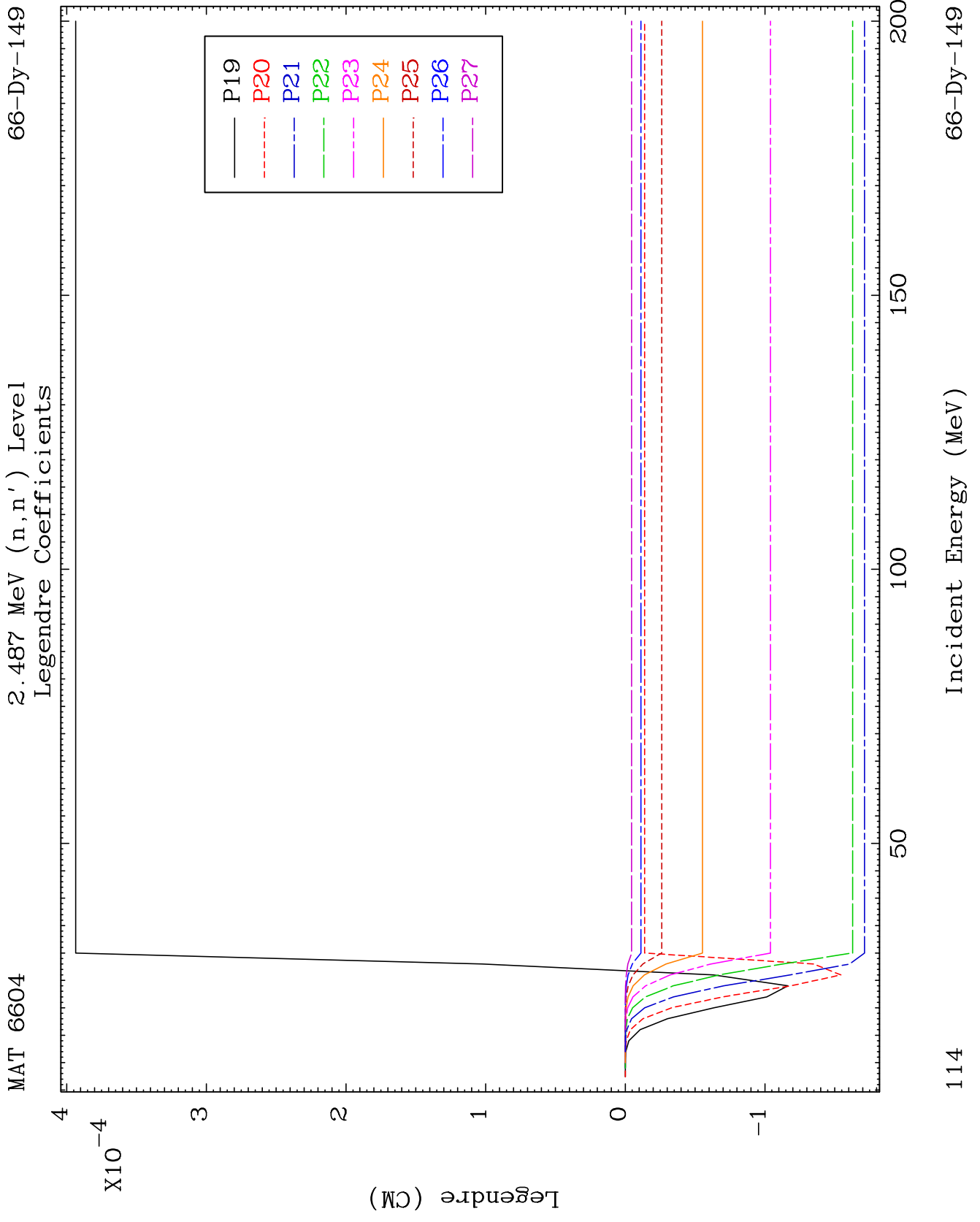
66-Dy-149

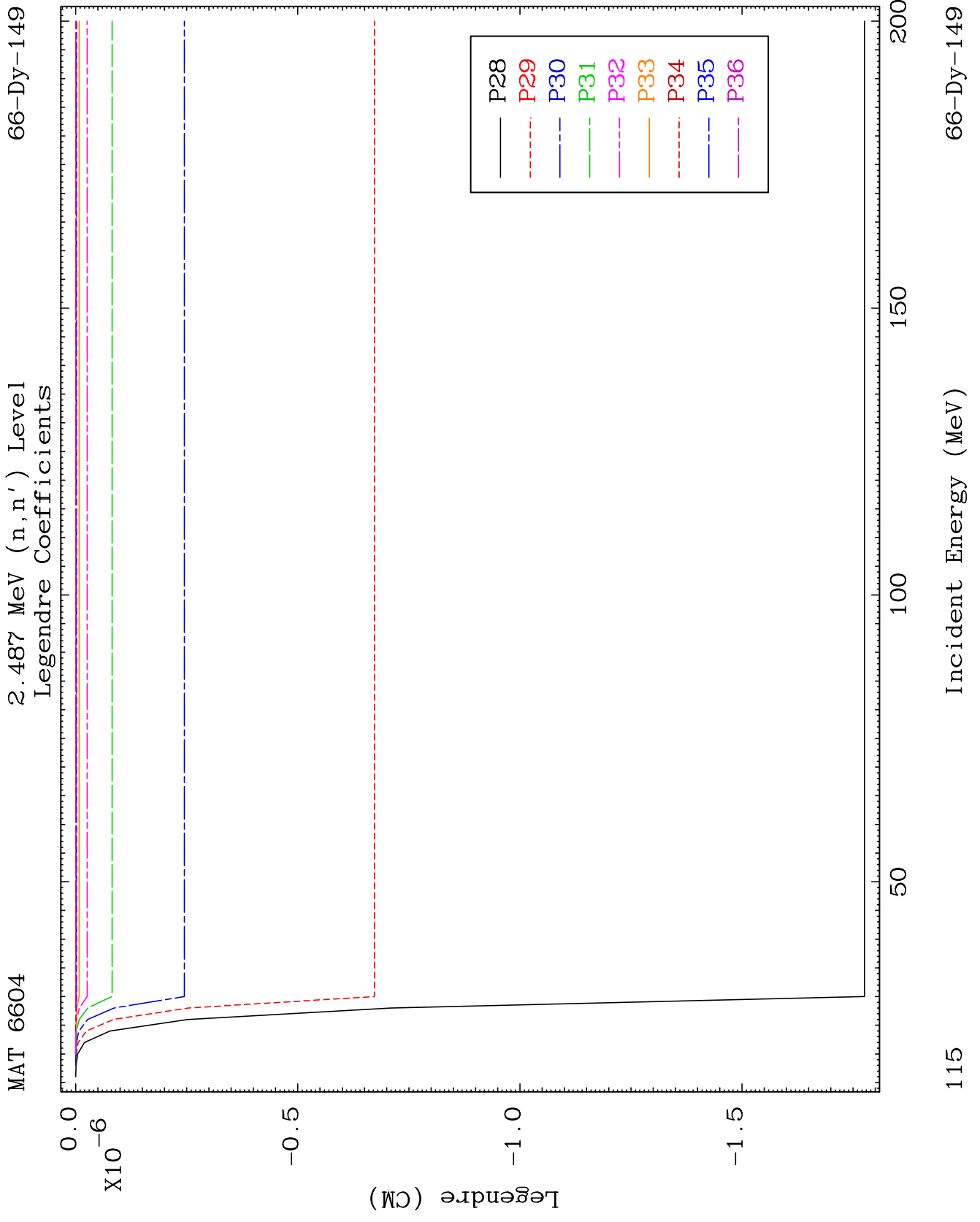


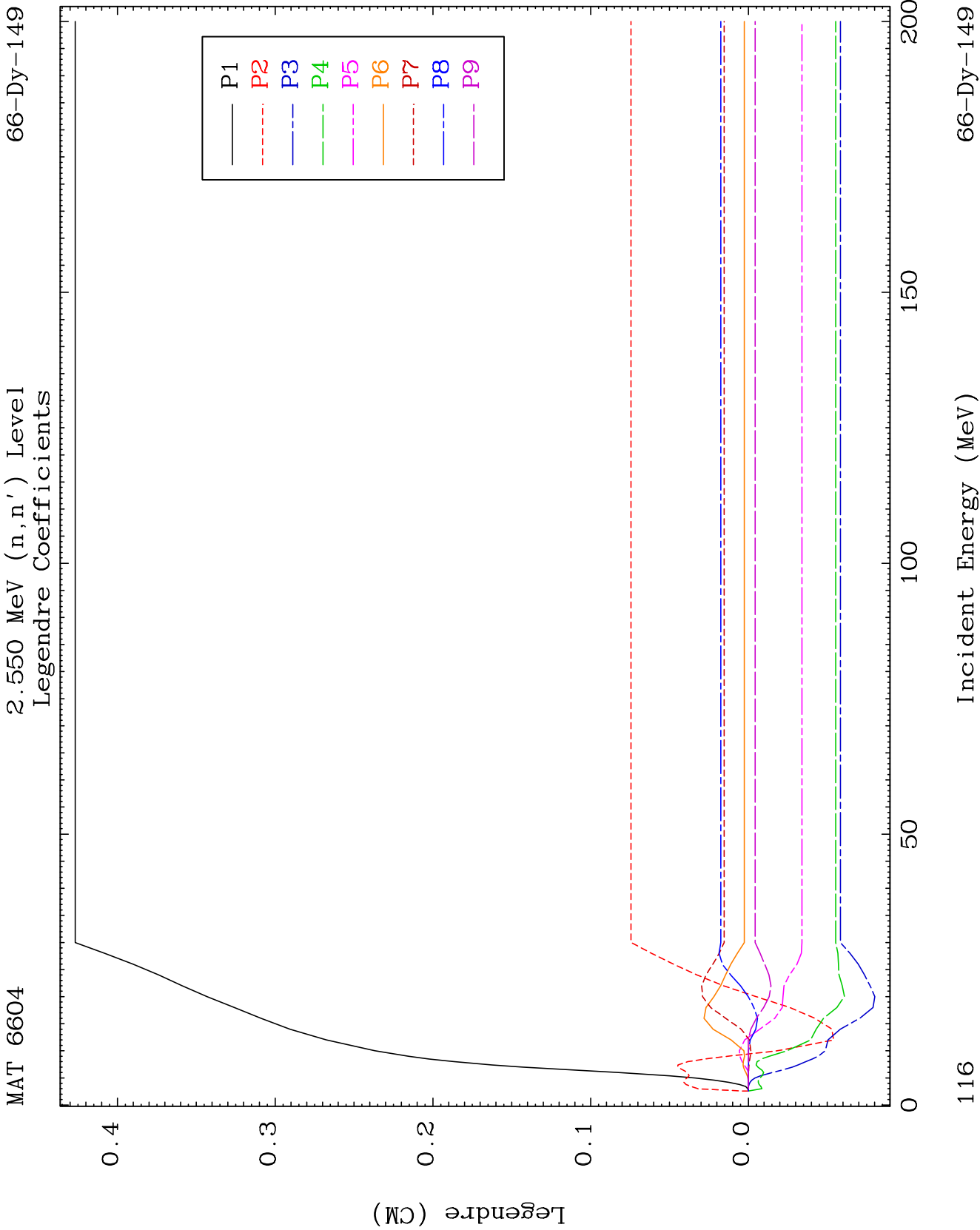
113

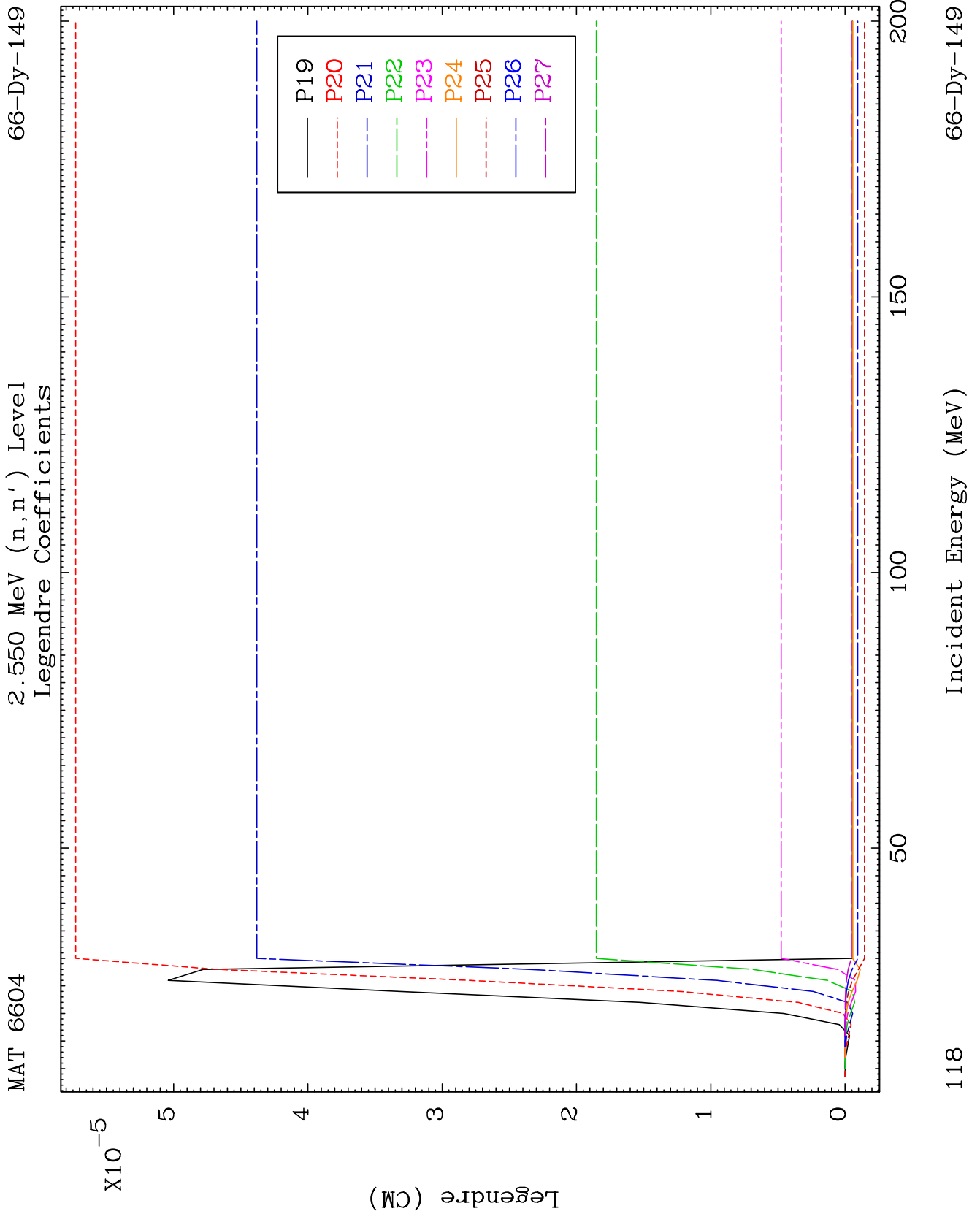
Incident Energy (MeV)

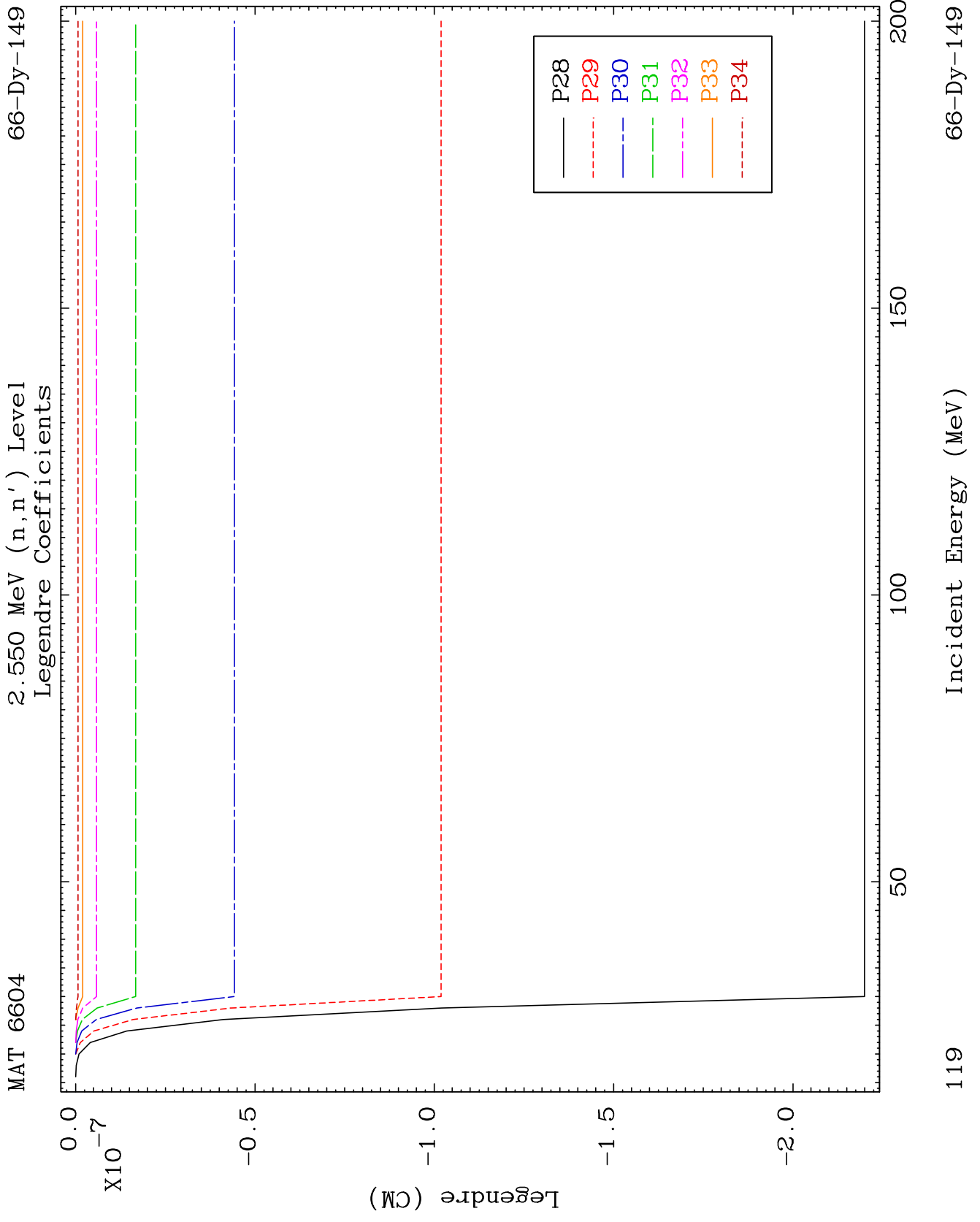
66-Dy-149







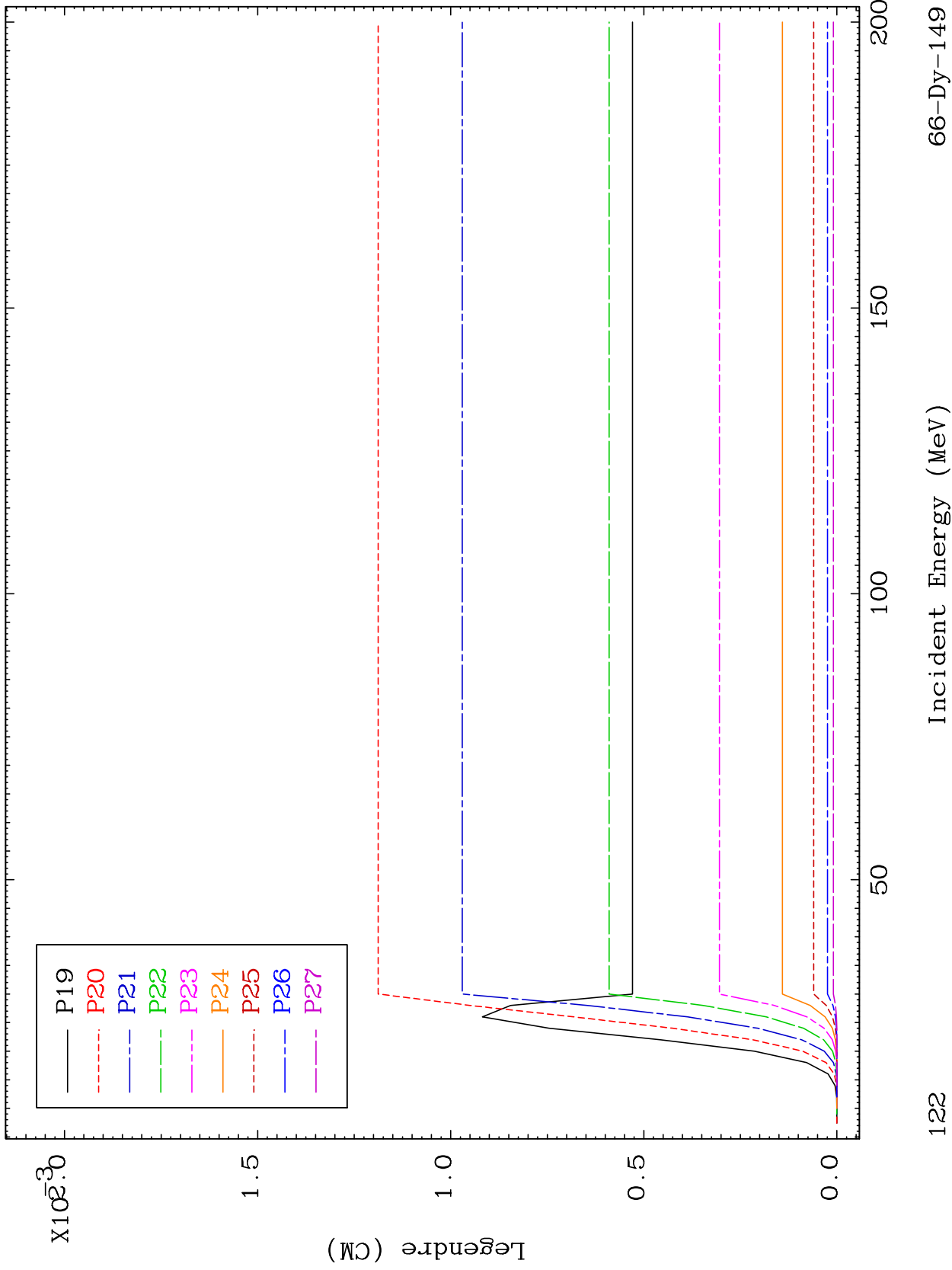




MAT 6604

2.607 MeV (n, n') Level
Legendre Coefficients

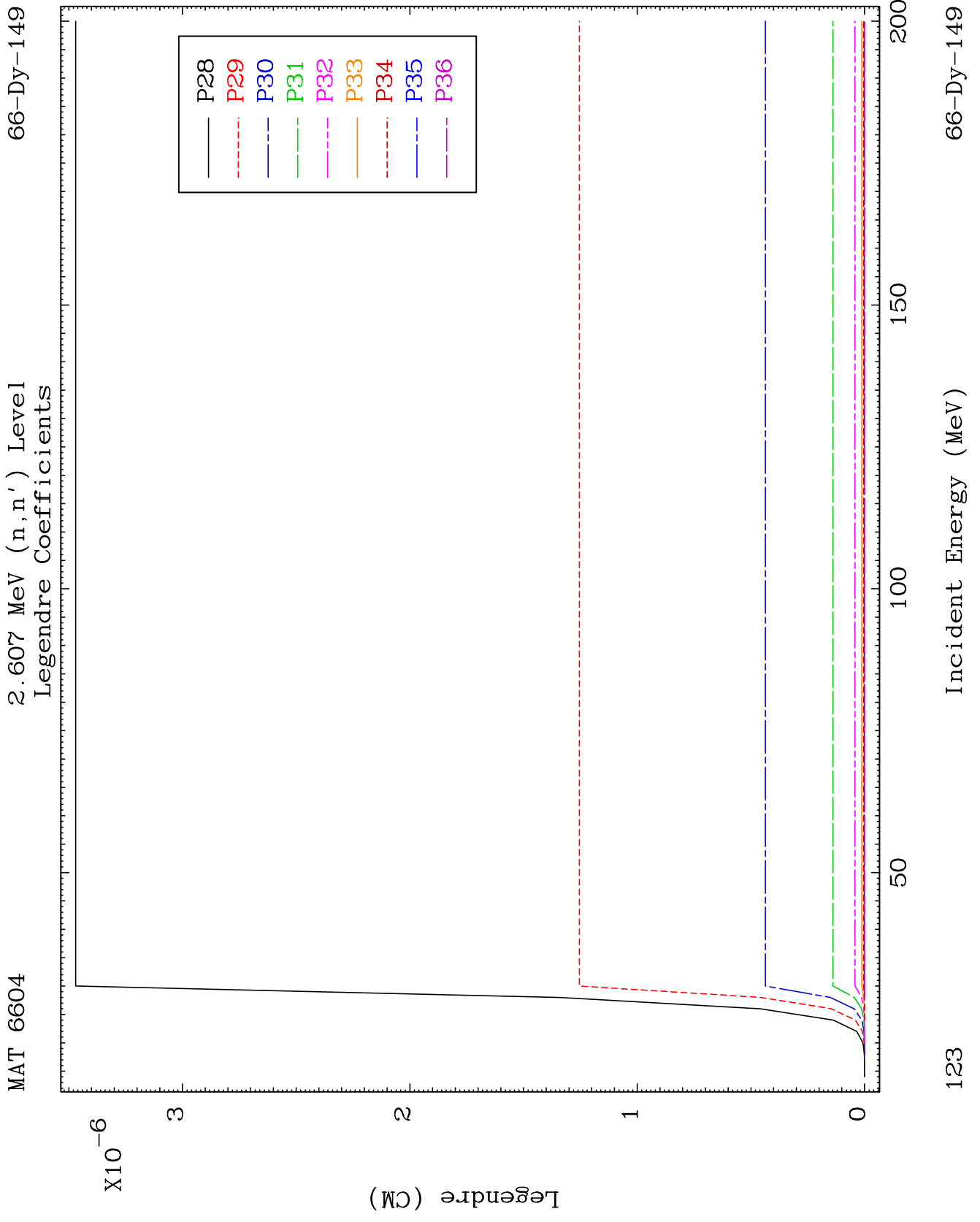
66-Dy-149



122

Incident Energy (MeV)

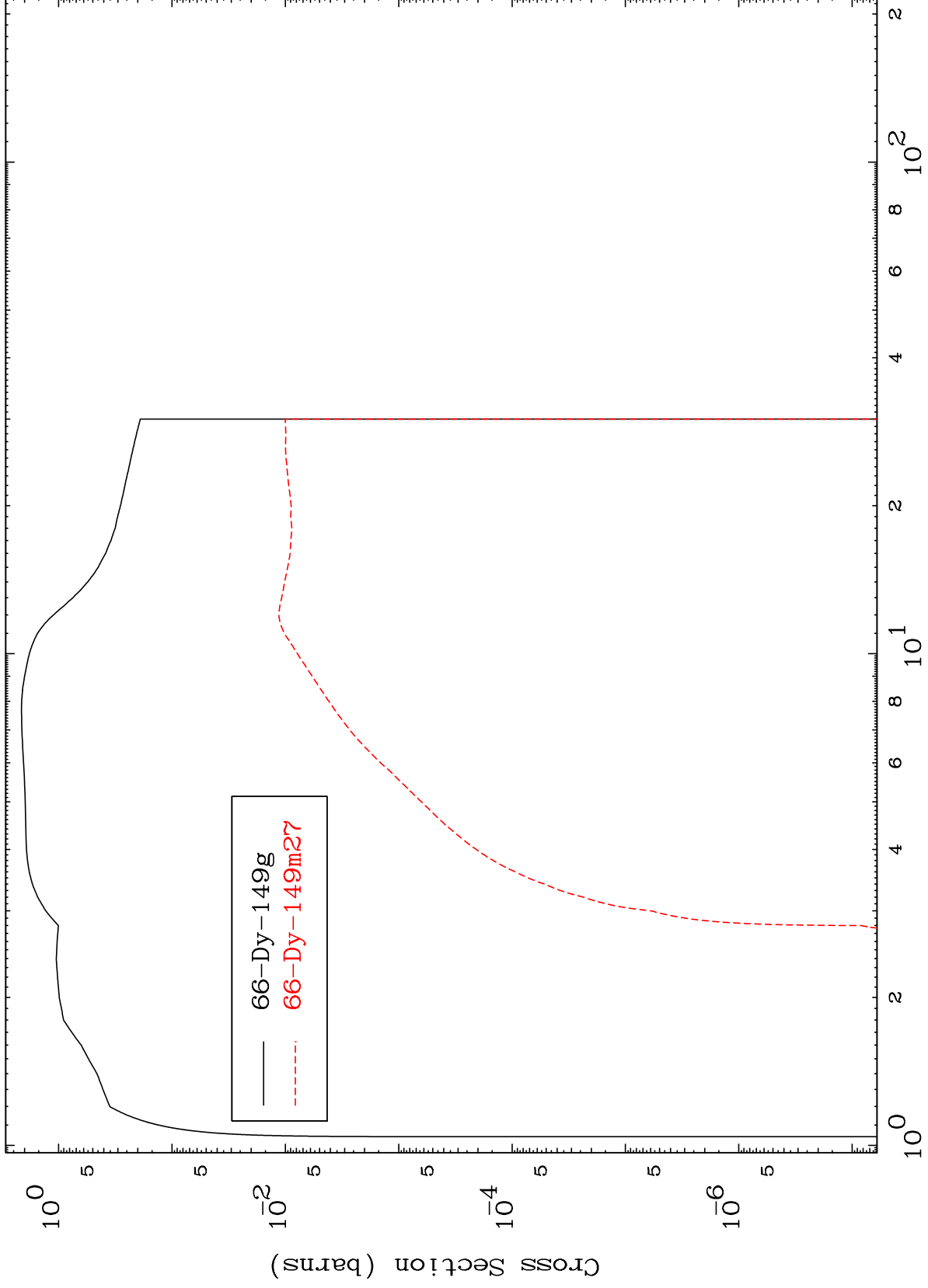
66-Dy-149



MAT 6604

Inelastic Radionuclide Production Cross Section

66-Dy-149



124

Incident Energy (MeV)

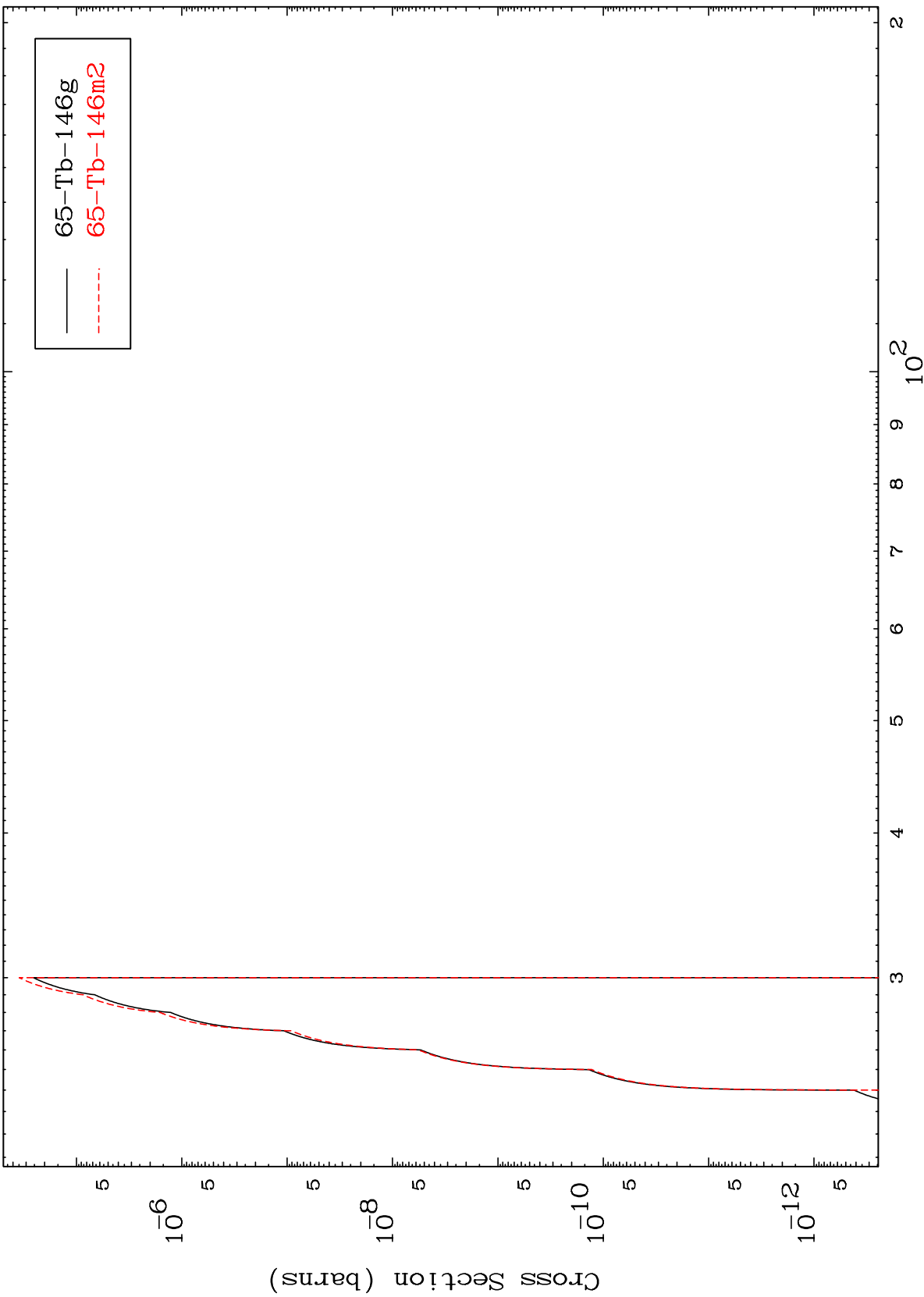
66-Dy-149

MAT 6604

(n,2n) d

66-Dy-149

Radionuclide Production Cross Section



125

Incident Energy (MeV)

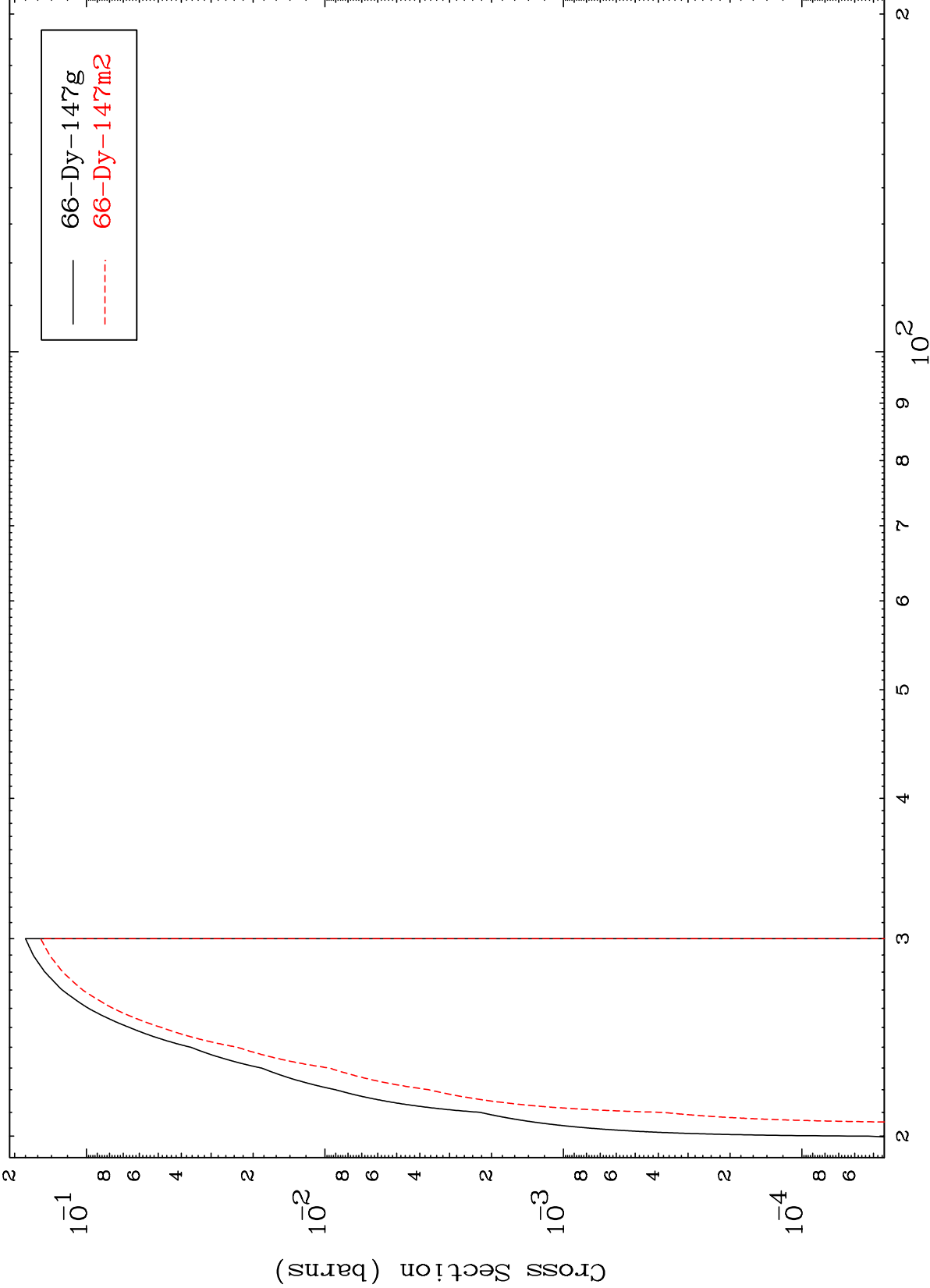
66-Dy-149

MAT 6604

(n,3n)

66-Dy-149

Radionuclide Production Cross Section



126

Incident Energy (MeV)

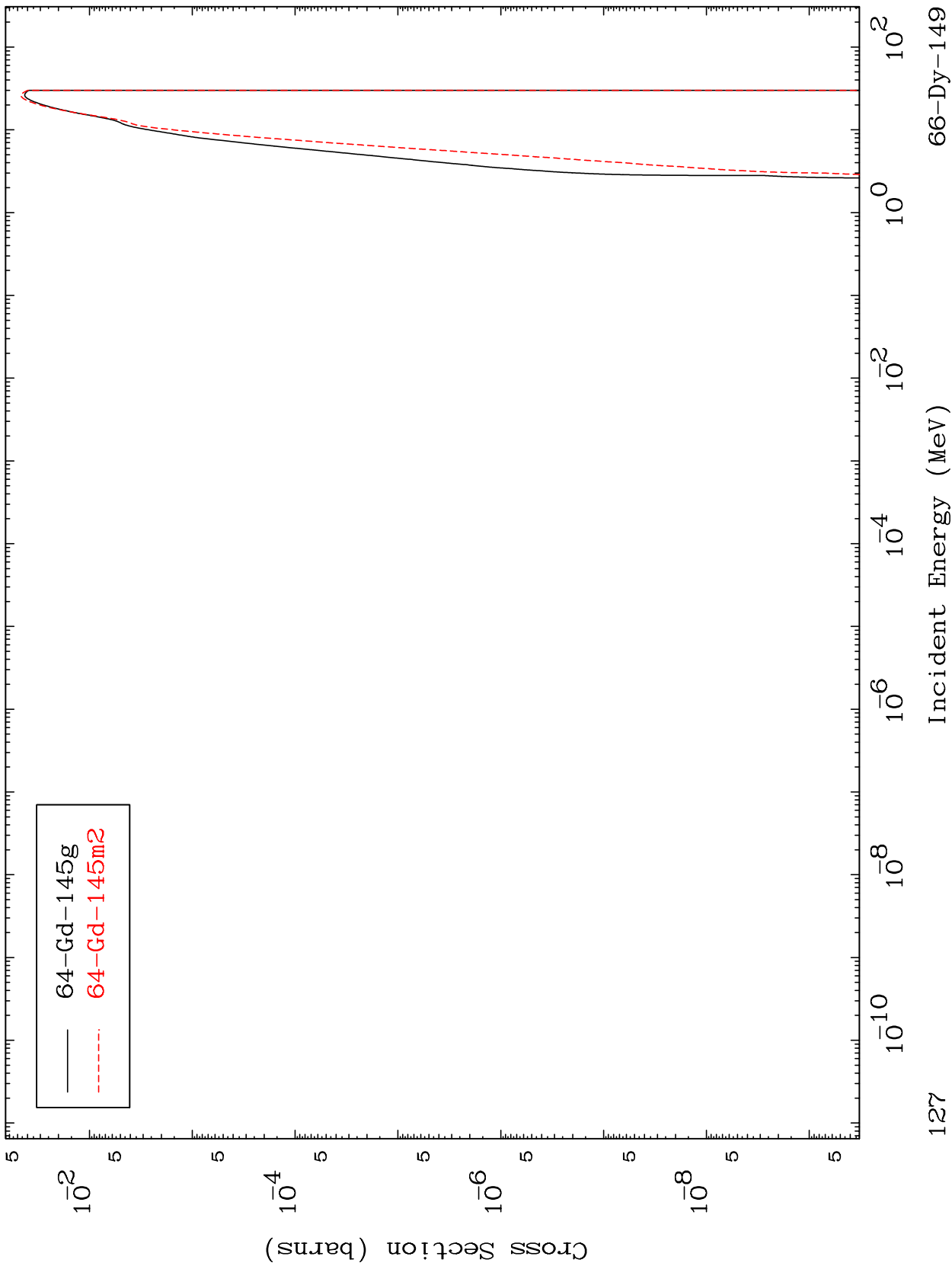
66-Dy-149

MAT 6604

$(n, n') \alpha$

66-Dy-149

Radionuclide Production Cross Section



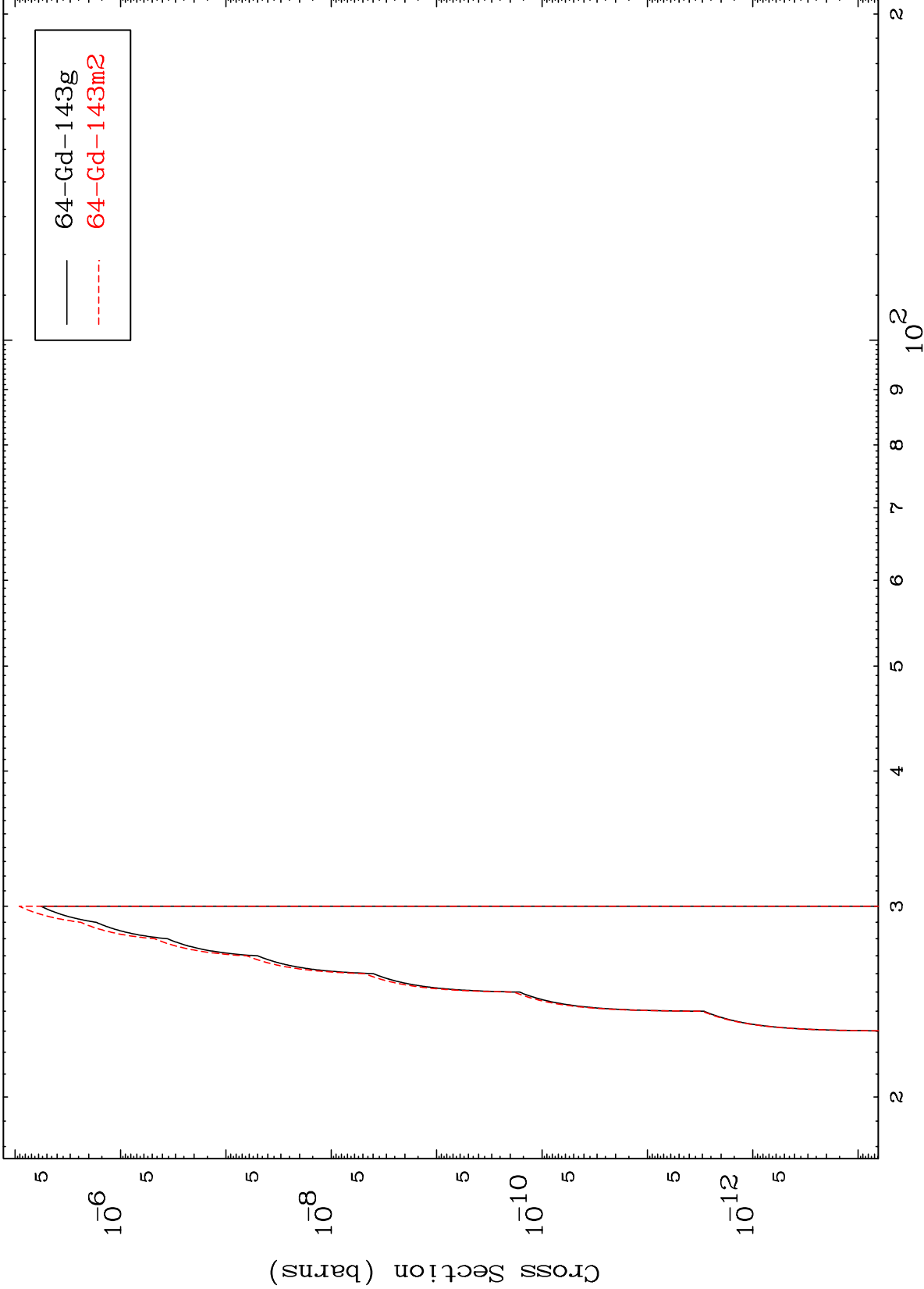
64-Gd-145g
64-Gd-145mg

MAT 6604

(n,3n) α

66-Dy-149

Radionuclide Production Cross Section



128

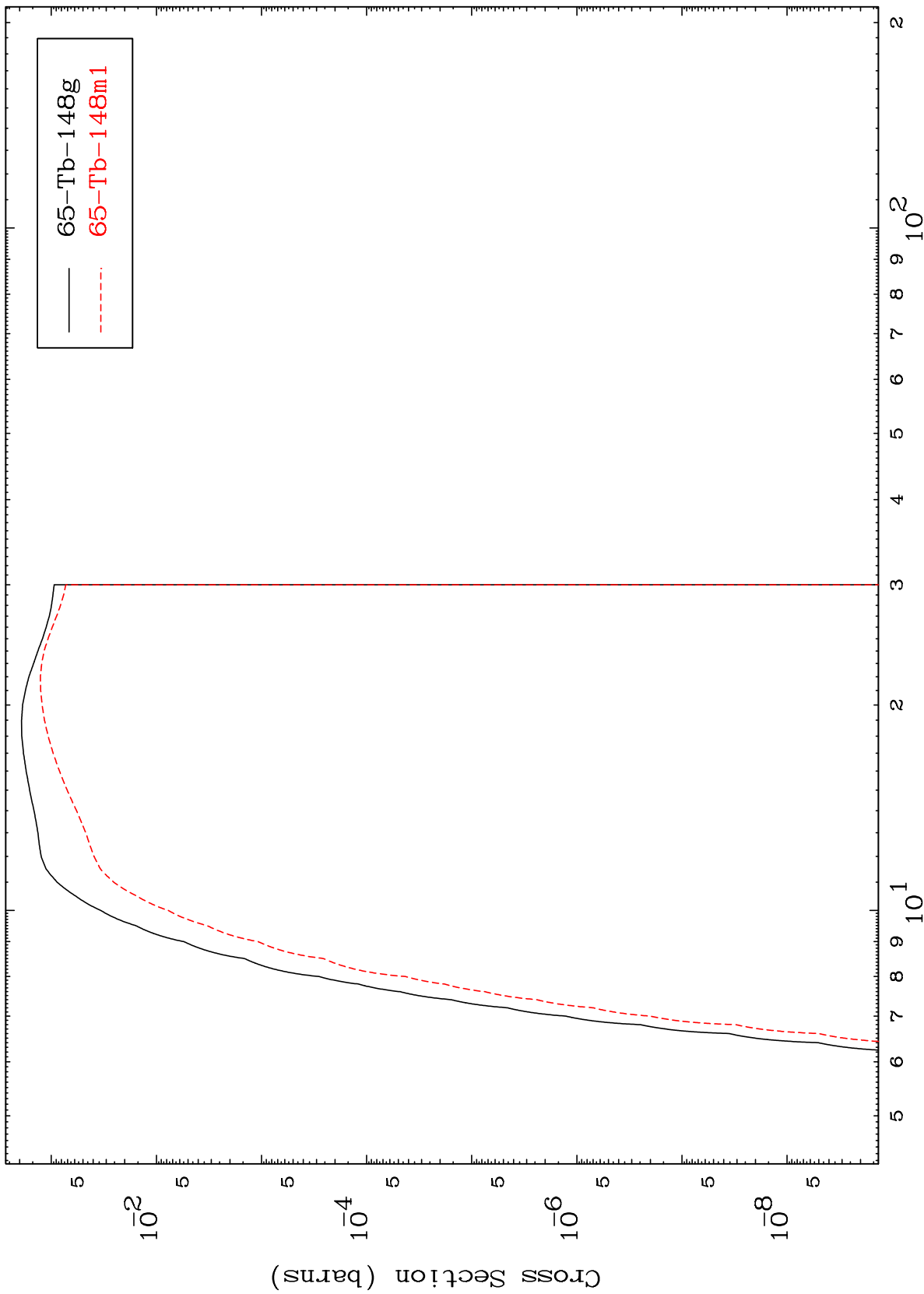
Incident Energy (MeV)

66-Dy-149

MAT 6604

66-Dy-149

(n, n') p
Radionuclide Production Cross Section



129

Incident Energy (MeV)

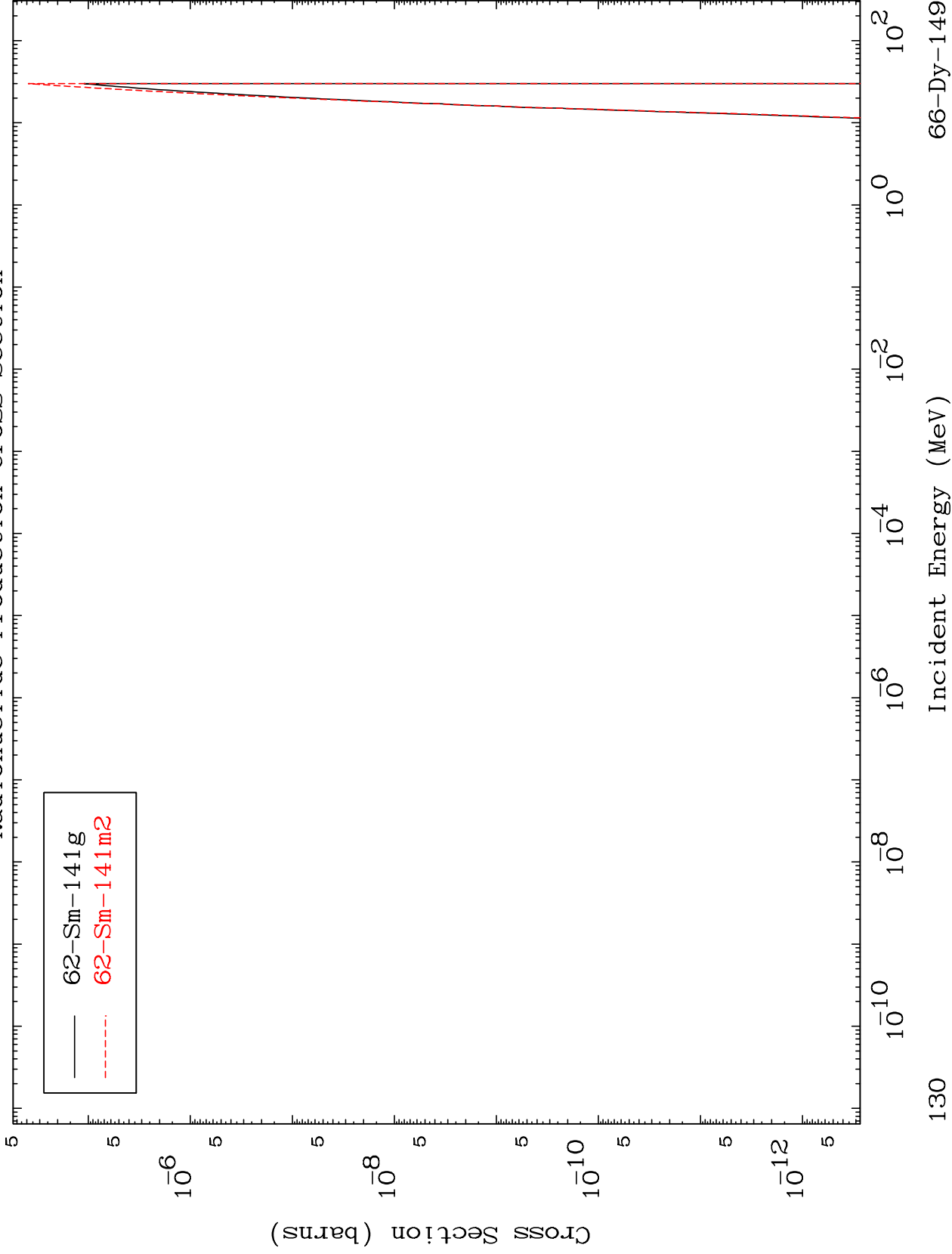
66-Dy-149

MAT 6604

(n,n') 2α

66-Dy-149

Radionuclide Production Cross Section

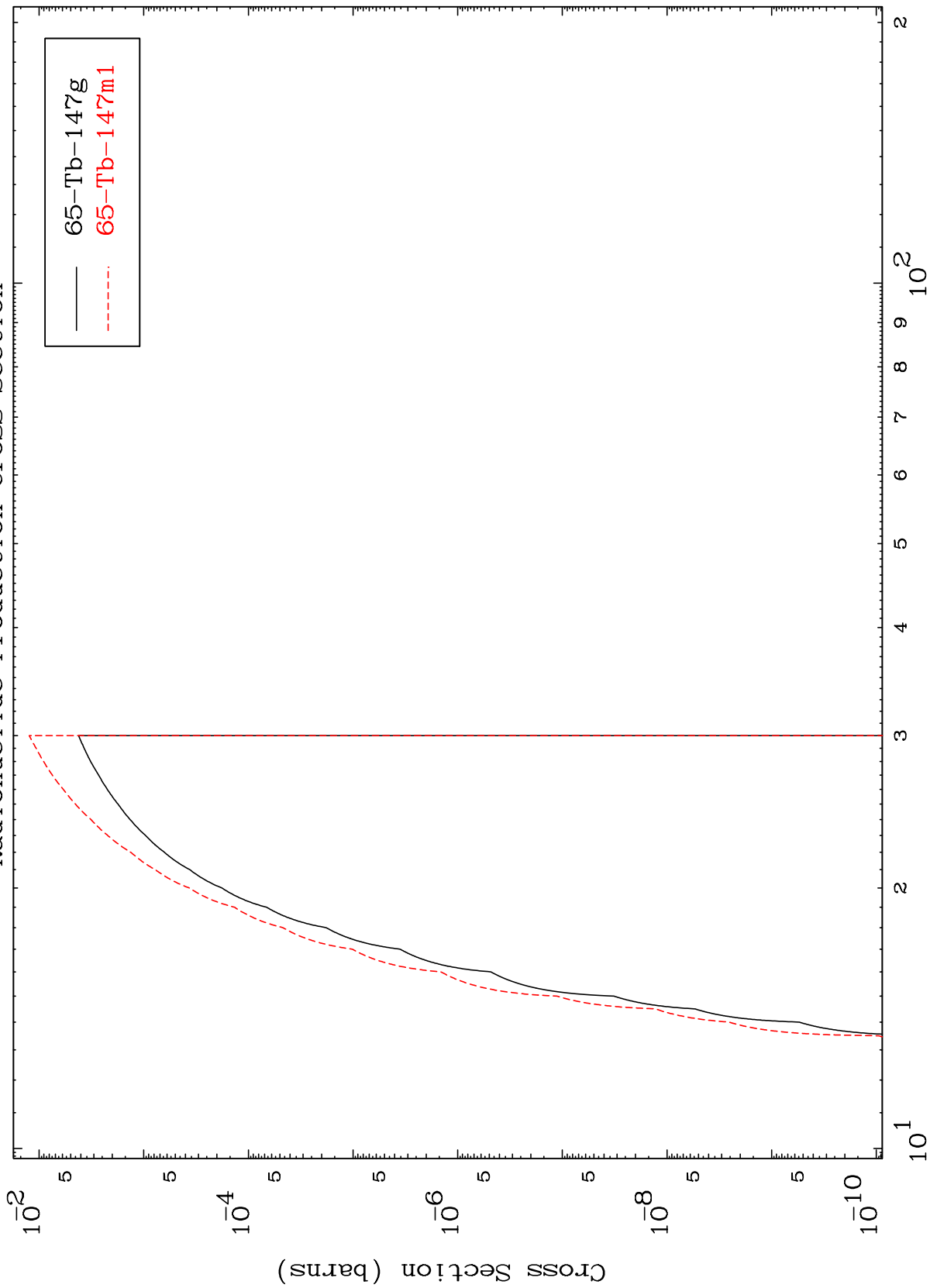


MAT 6604

(n,n') d

66-Dy-149

Radionuclide Production Cross Section



131

Incident Energy (MeV)

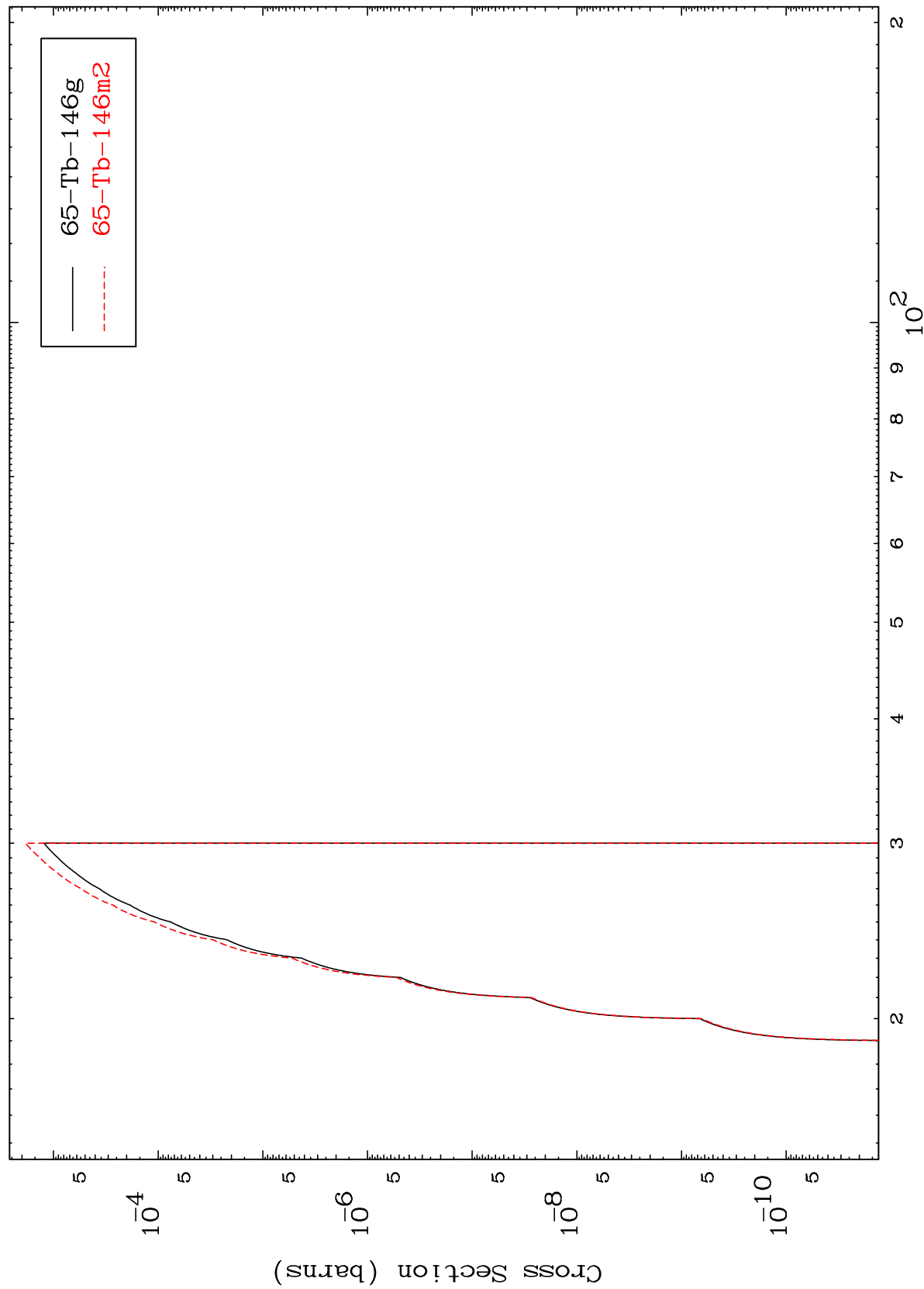
66-Dy-149

MAT 6604

(n,n') t

66-Dy-149

Radionuclide Production Cross Section

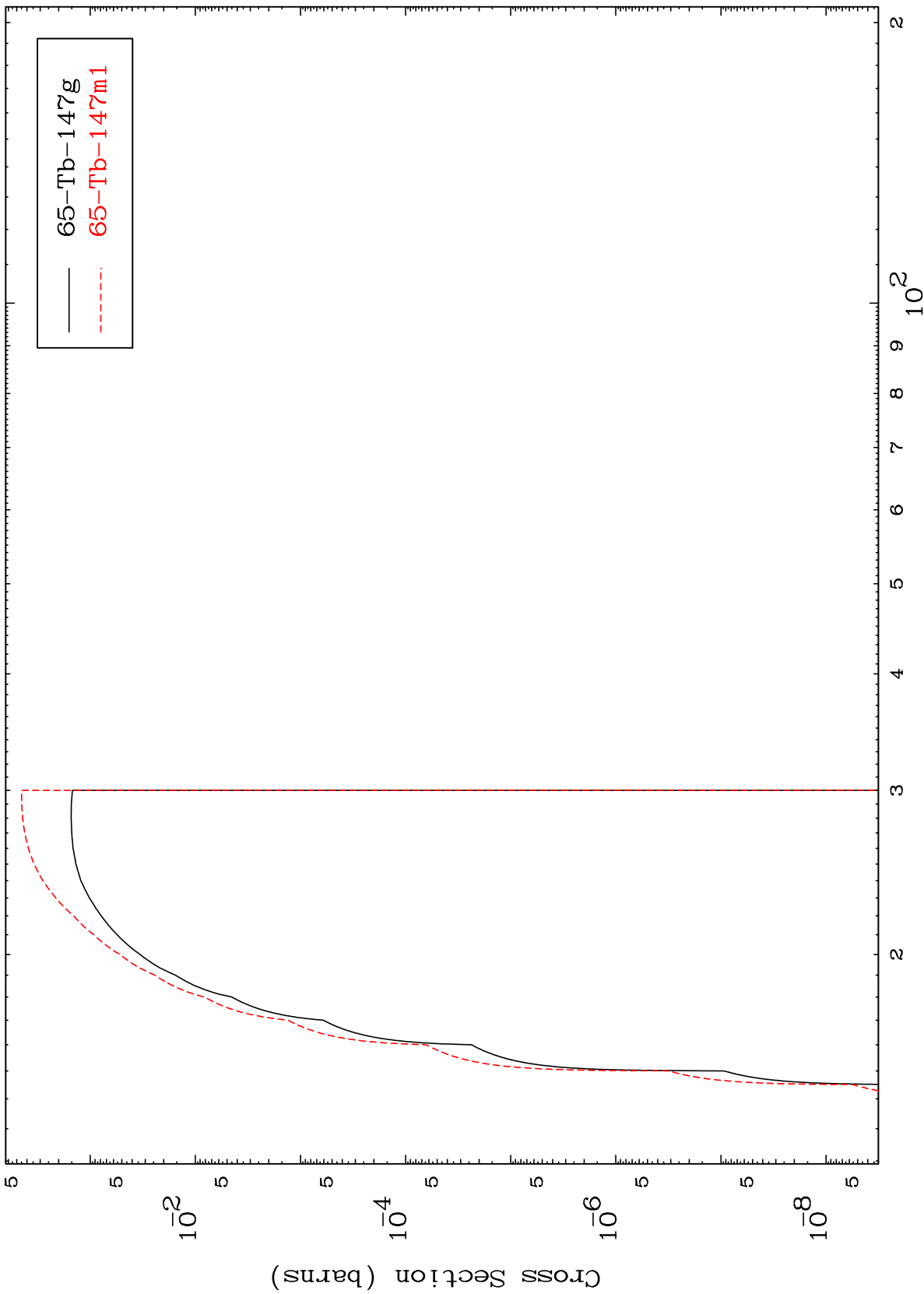


132

Incident Energy (MeV)

66-Dy-149

Radionuclide Production Cross Section



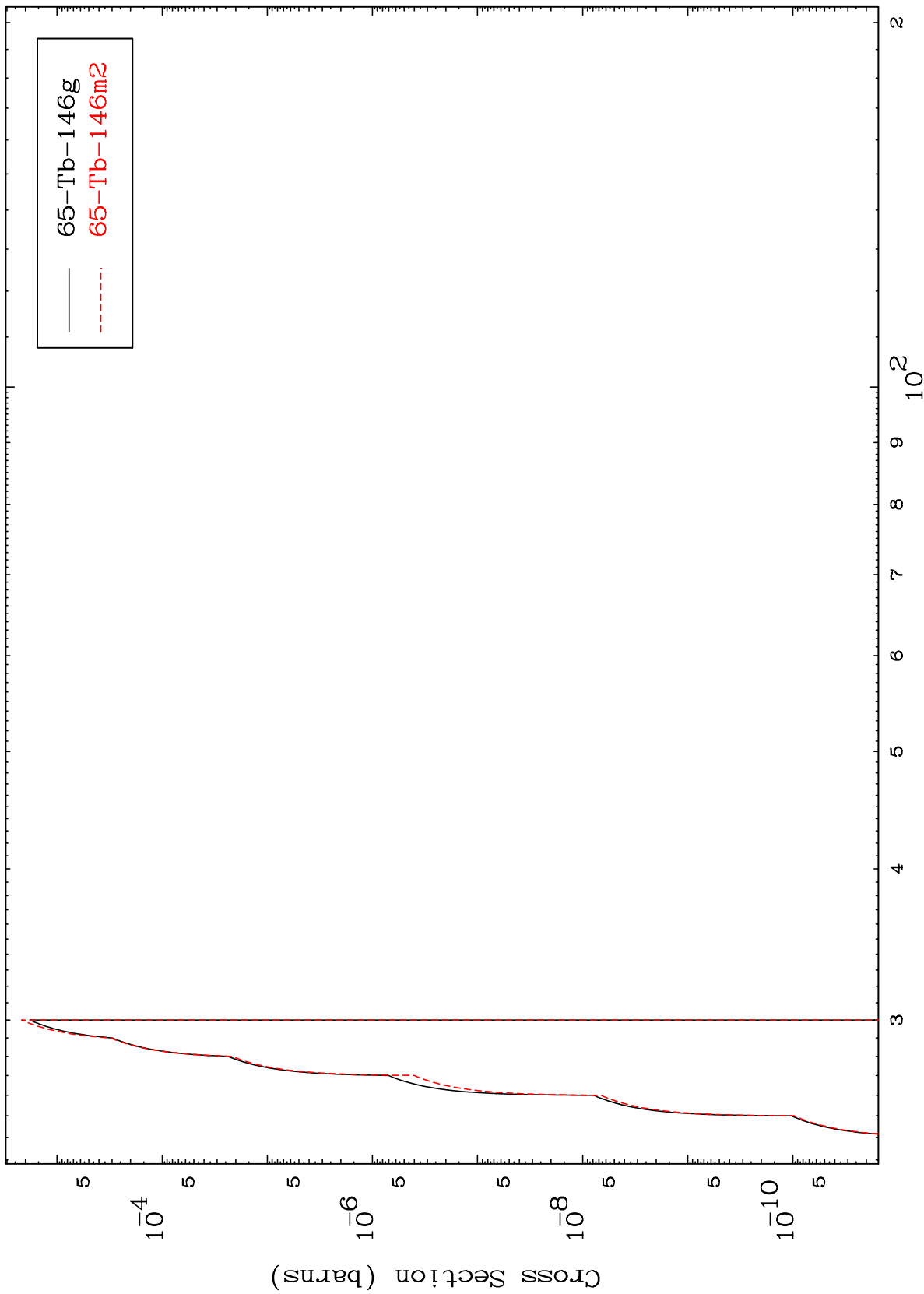
65-Tb-147g
65-Tb-147m1

MAT 6604

(n,3n) p

66-Dy-149

Radionuclide Production Cross Section



134

Incident Energy (MeV)

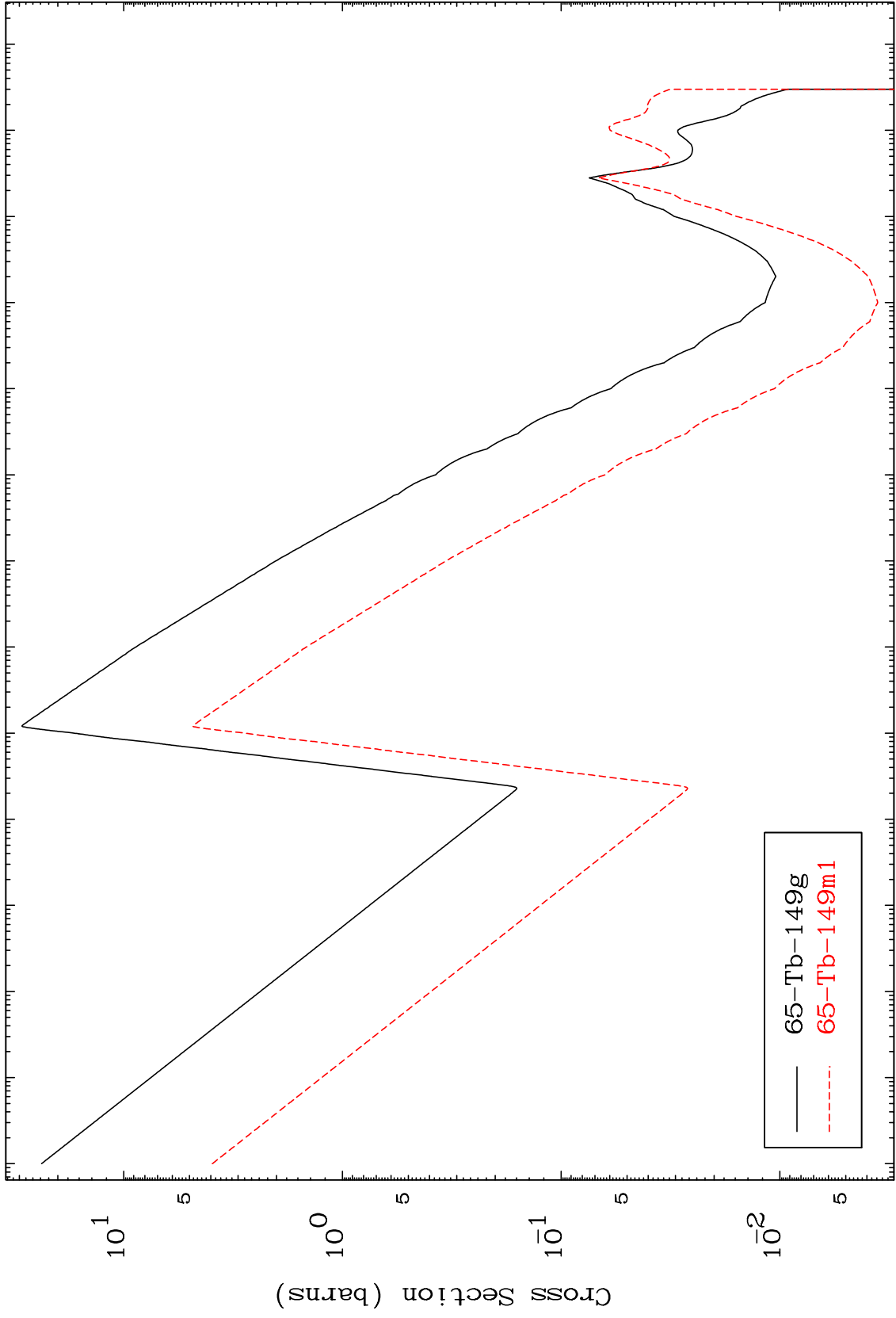
66-Dy-149

MAT 6604

66-Dy-149

Radionuclide Production Cross Section

(n,p)



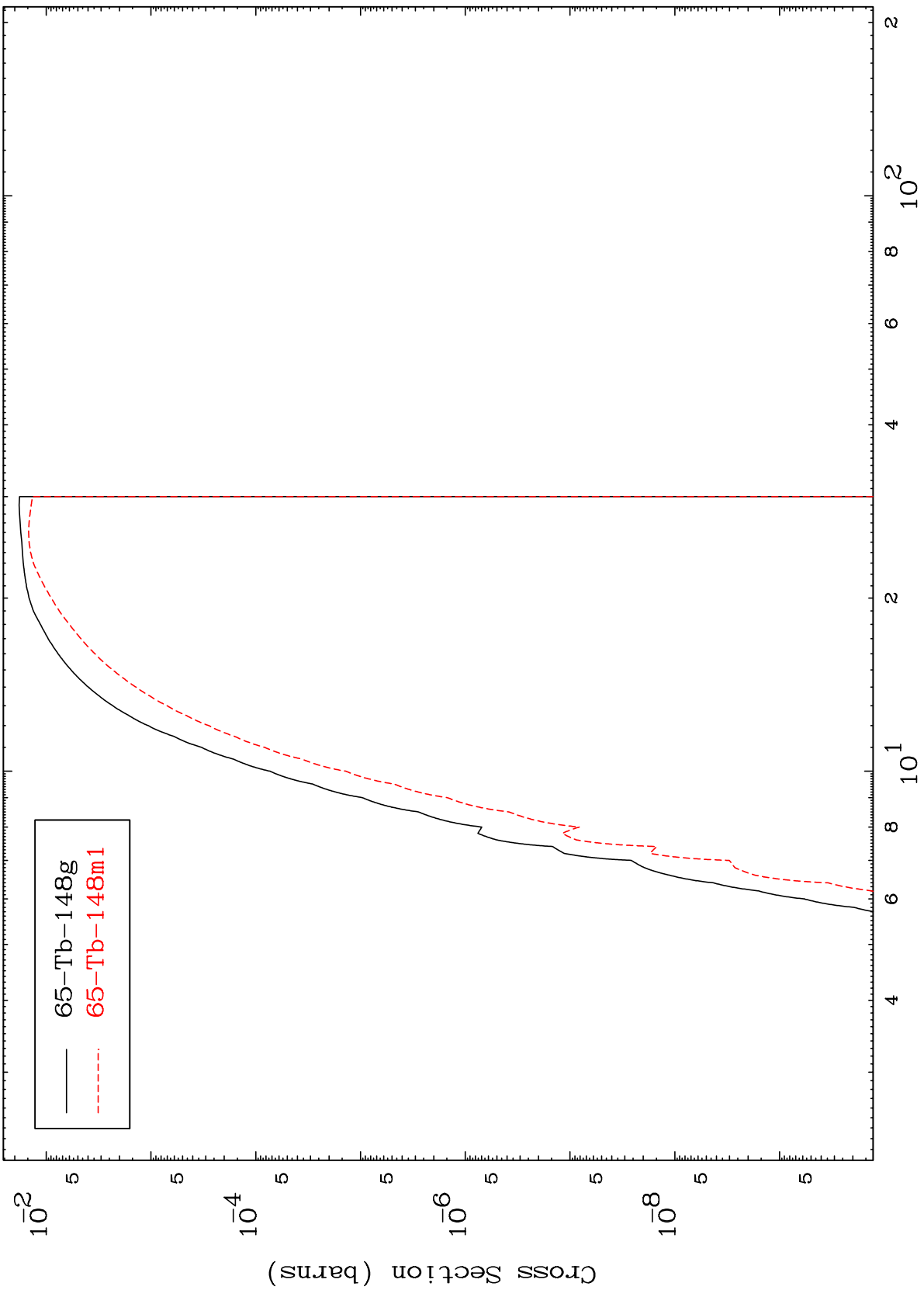
66-Dy-149

Incident Energy (MeV)

MAT 6604

66-Dy-149

(n,d)
Radionuclide Production Cross Section



136

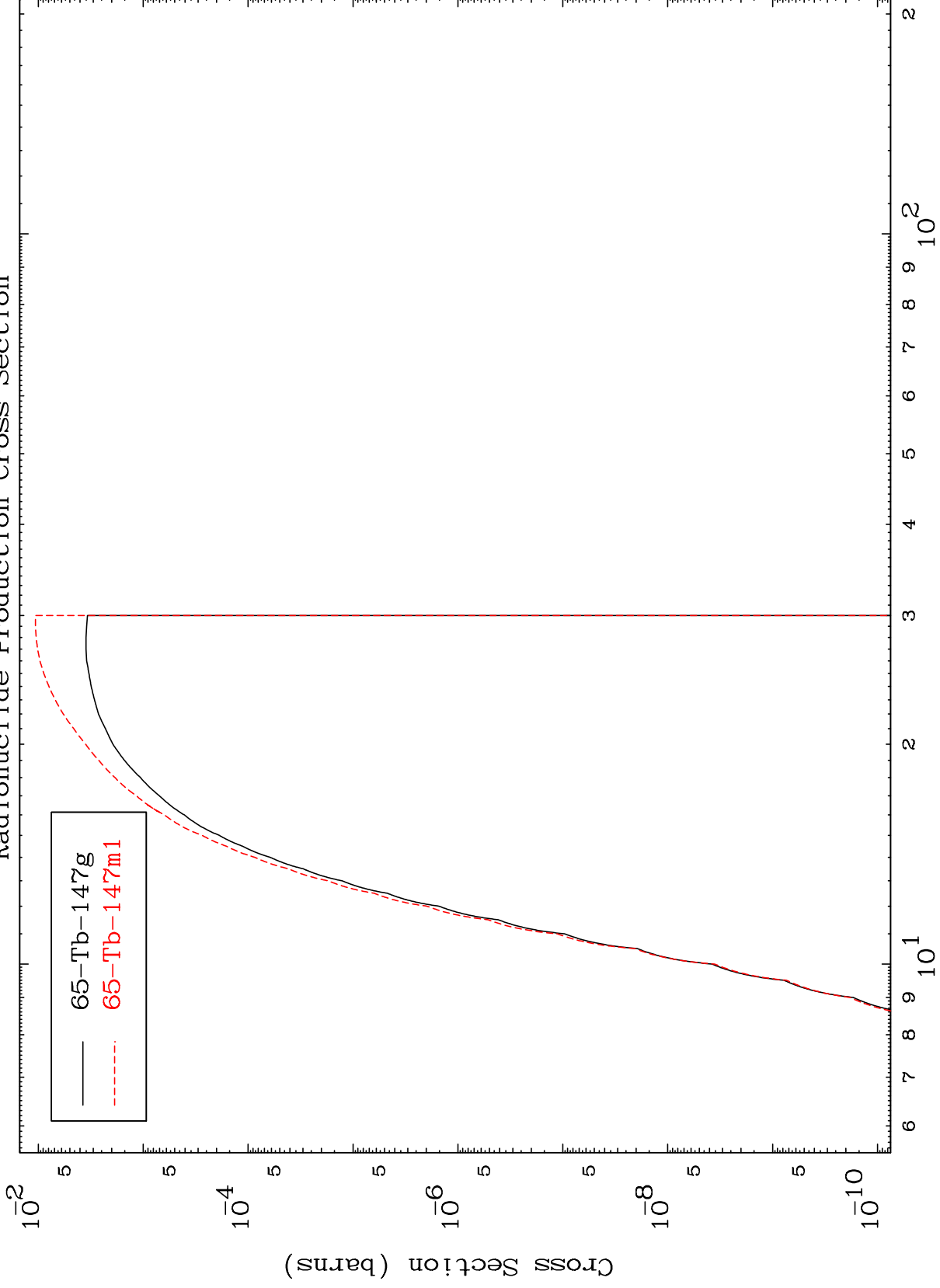
66-Dy-149

Incident Energy (MeV)

MAT 6604

66-Dy-149

(n, t)
Radionuclide Production Cross Section



137

Incident Energy (MeV)

66-Dy-149