

Program EVALPLOT
(Version 2015-2)

by

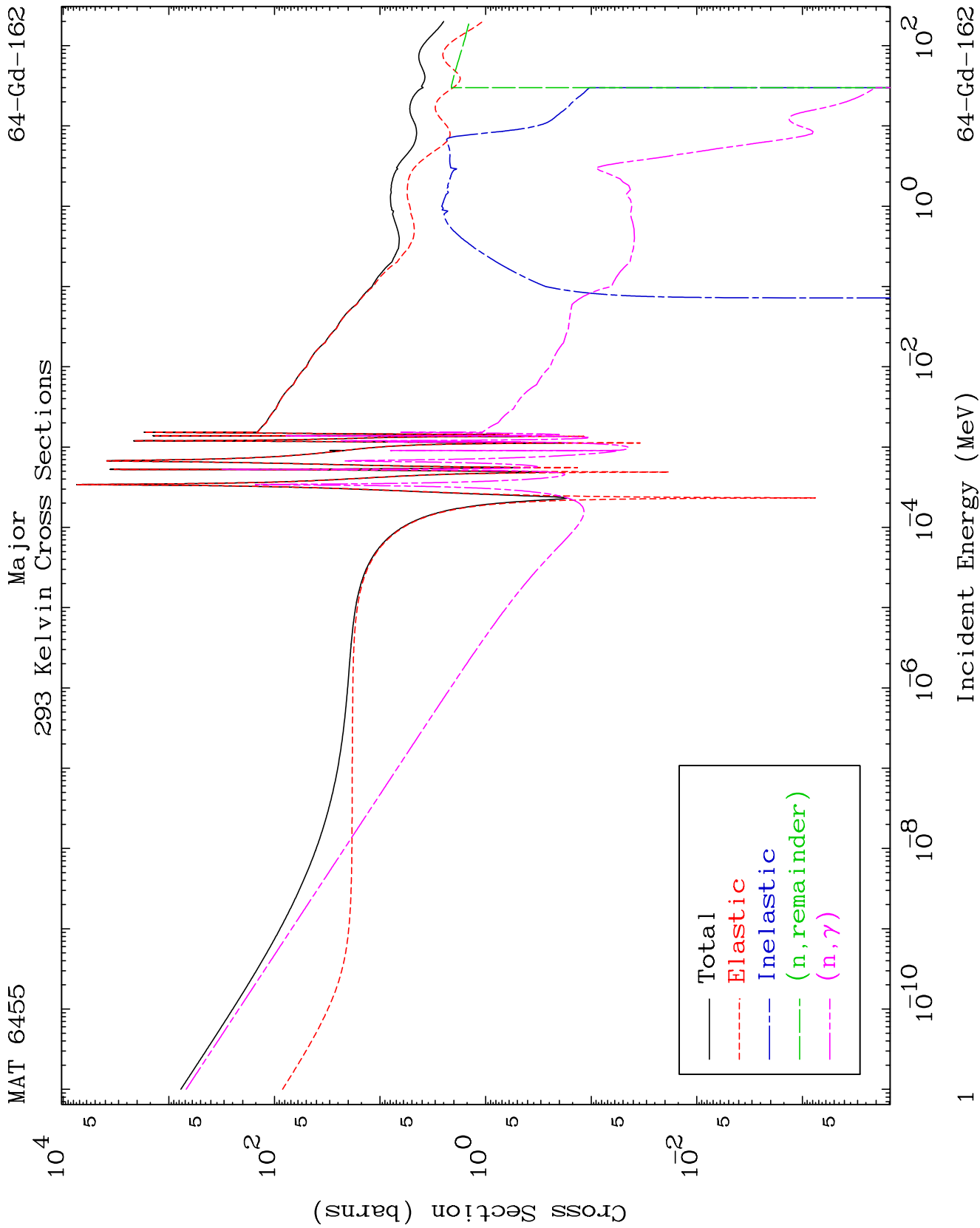
Dermott E. Cullen
(Present Contact Information)

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Livermore, CA 94550
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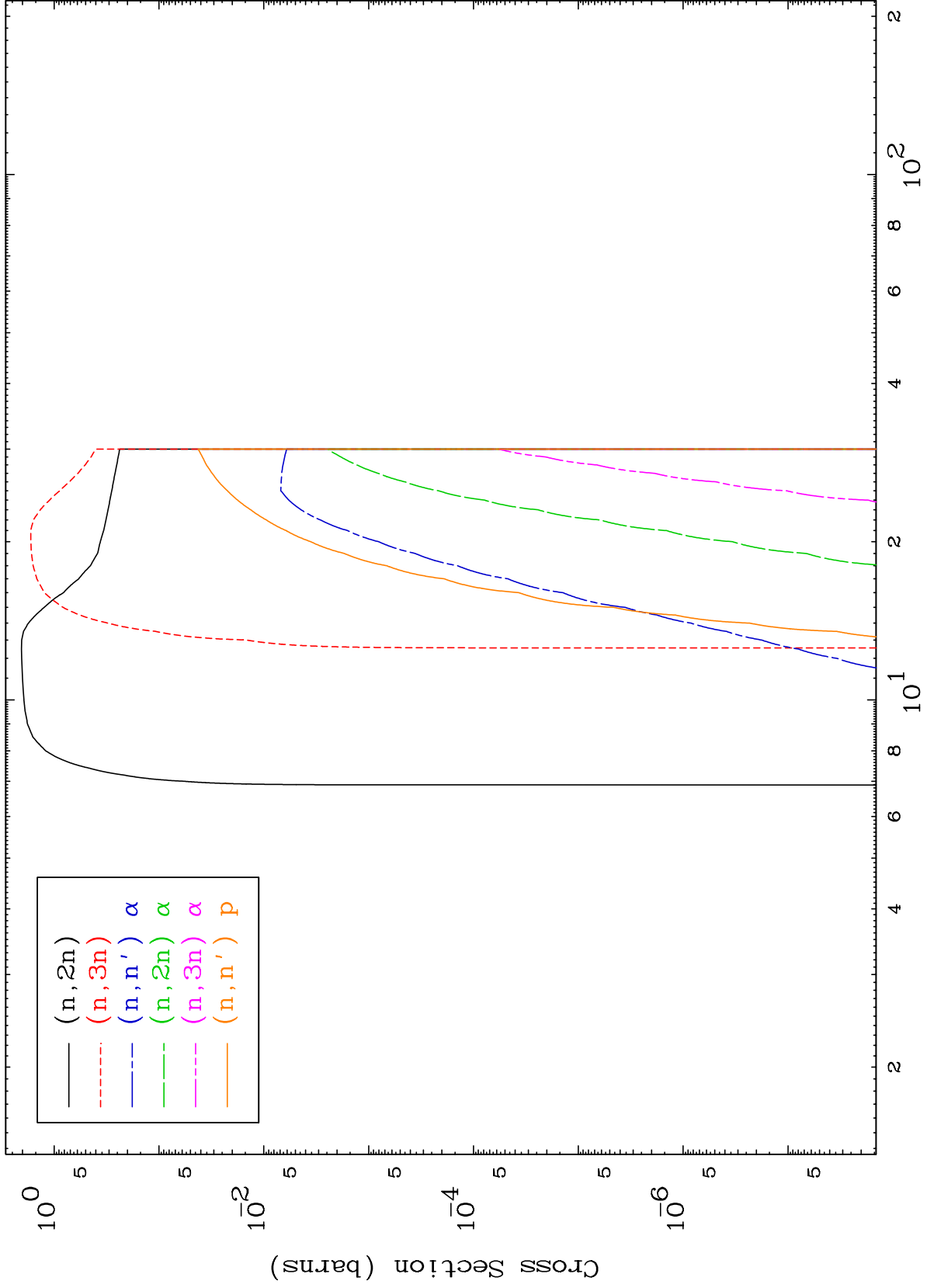
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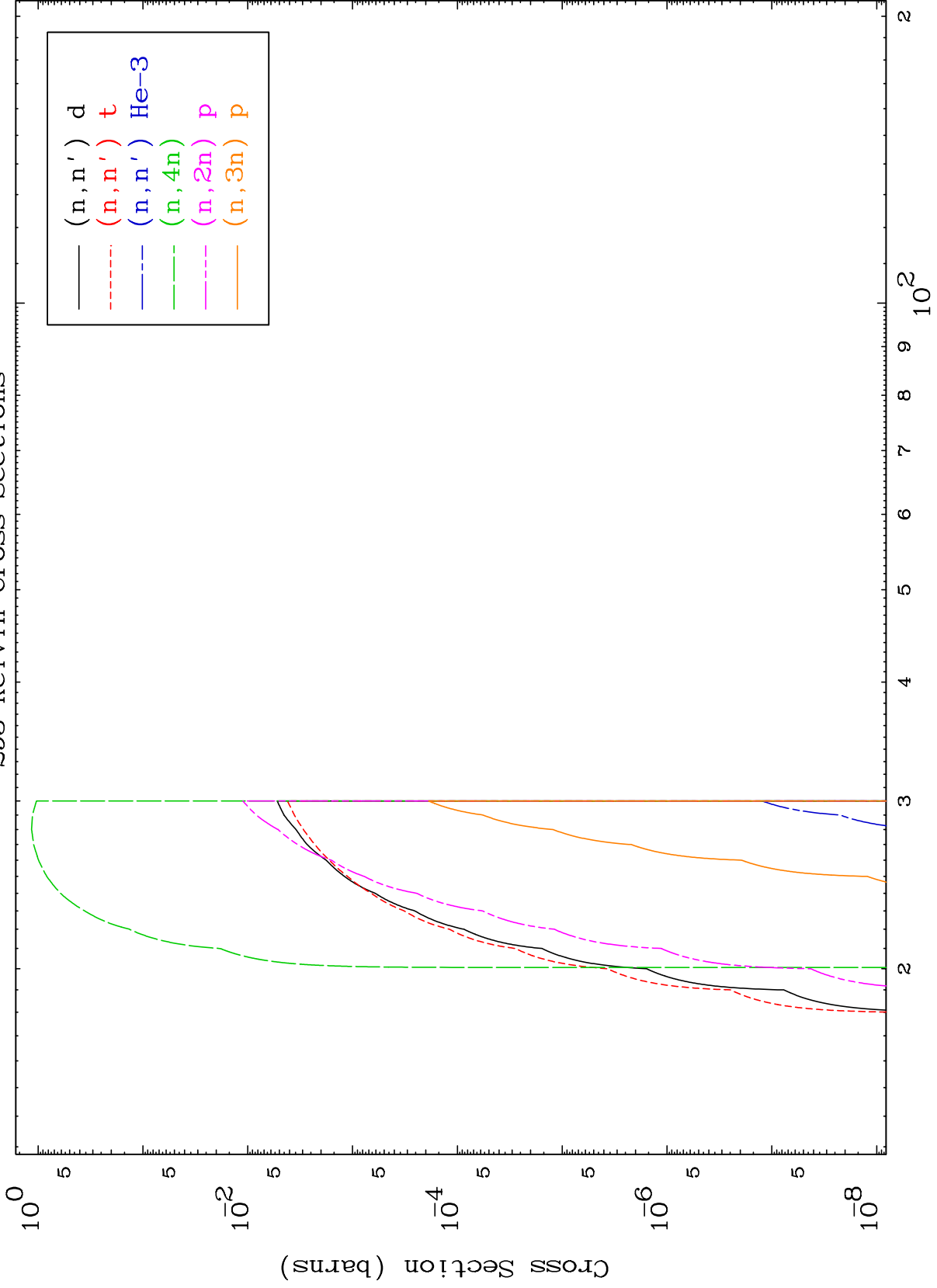


MAT 6455

Neutron Production
293 Kelvin Cross Sections

64-Gd-162

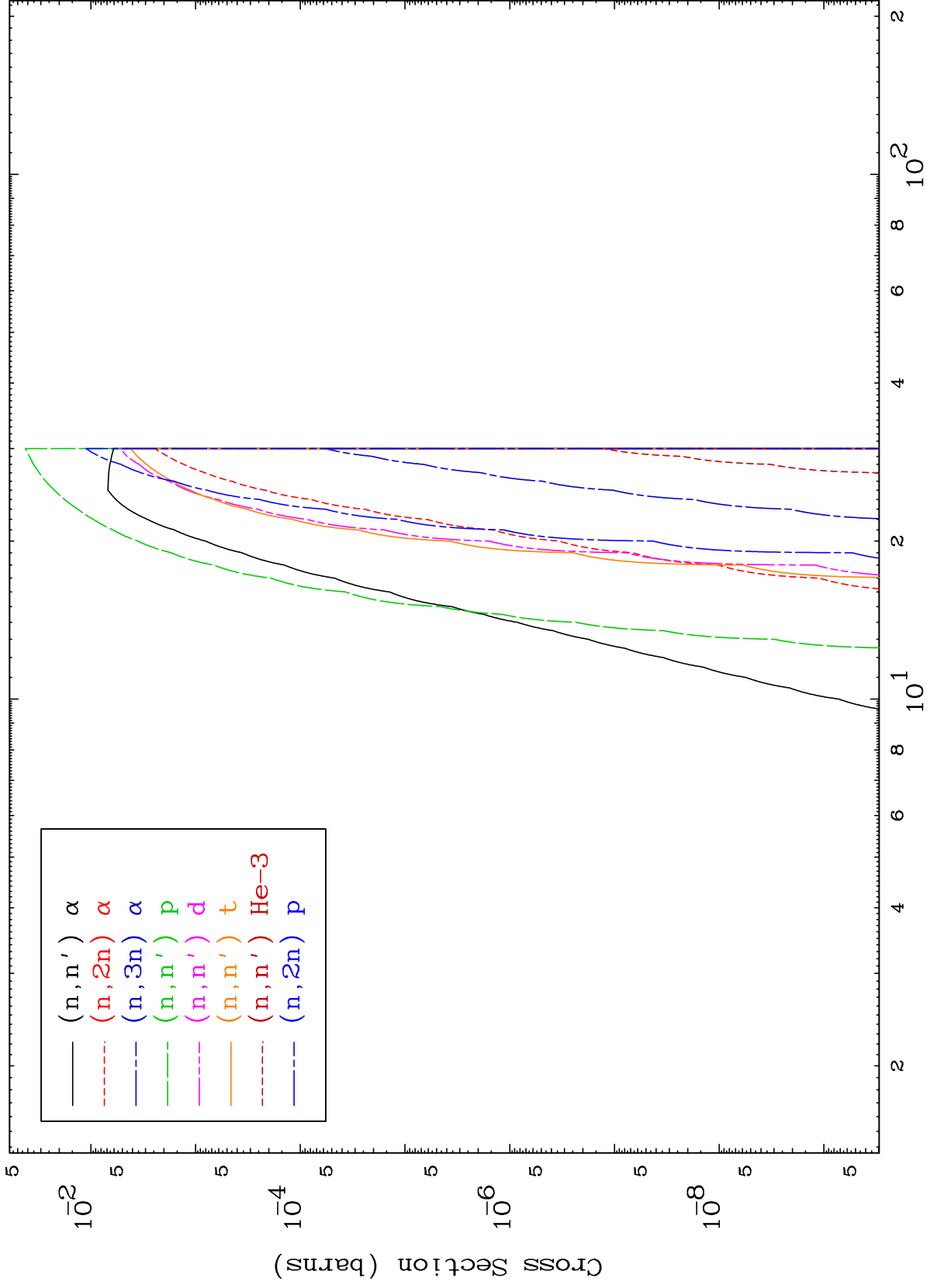




MAT 6455

Charged Particle
293 Kelvin Cross Sections

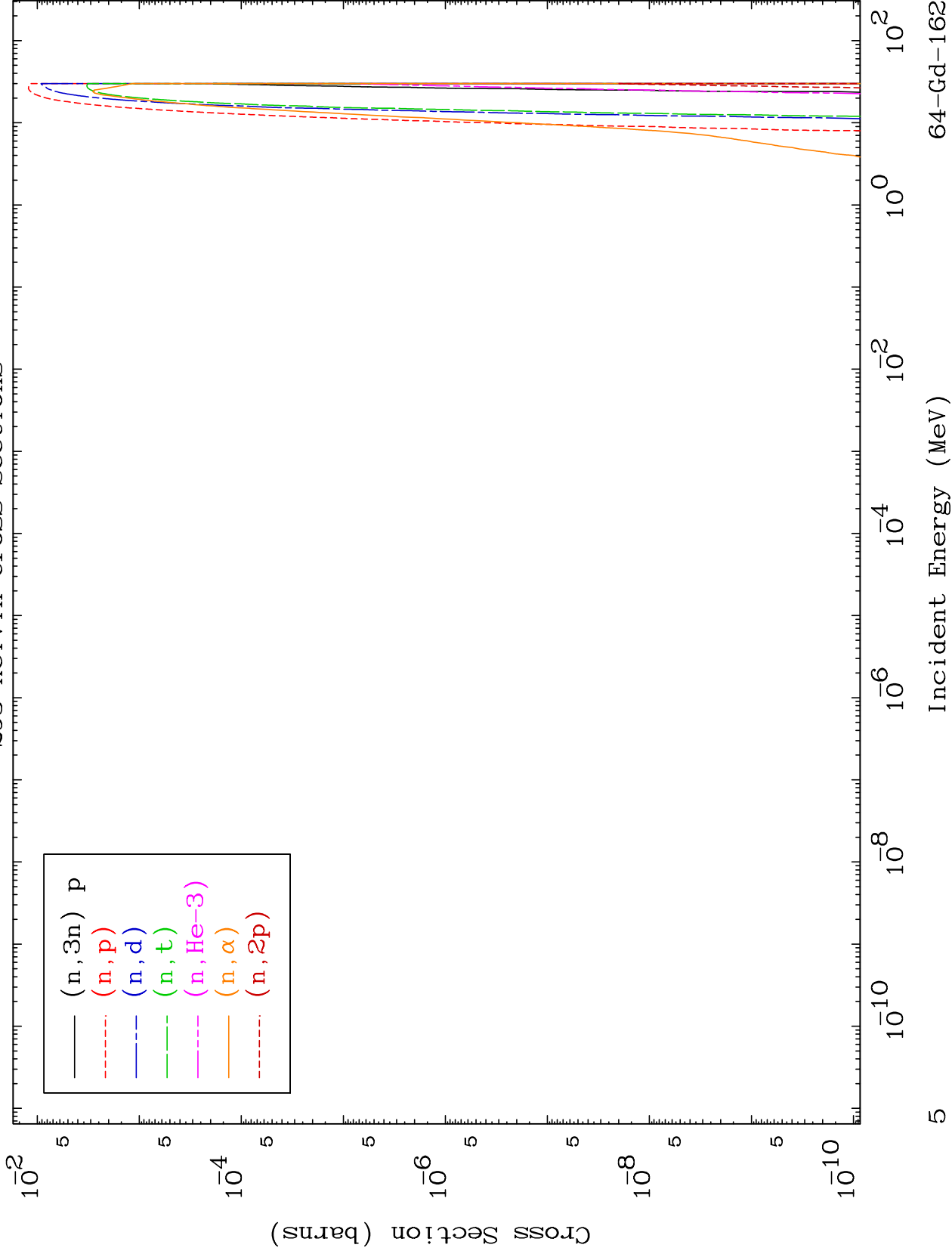
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MAT 6455

Charged Particle
293 Kelvin Cross Sections

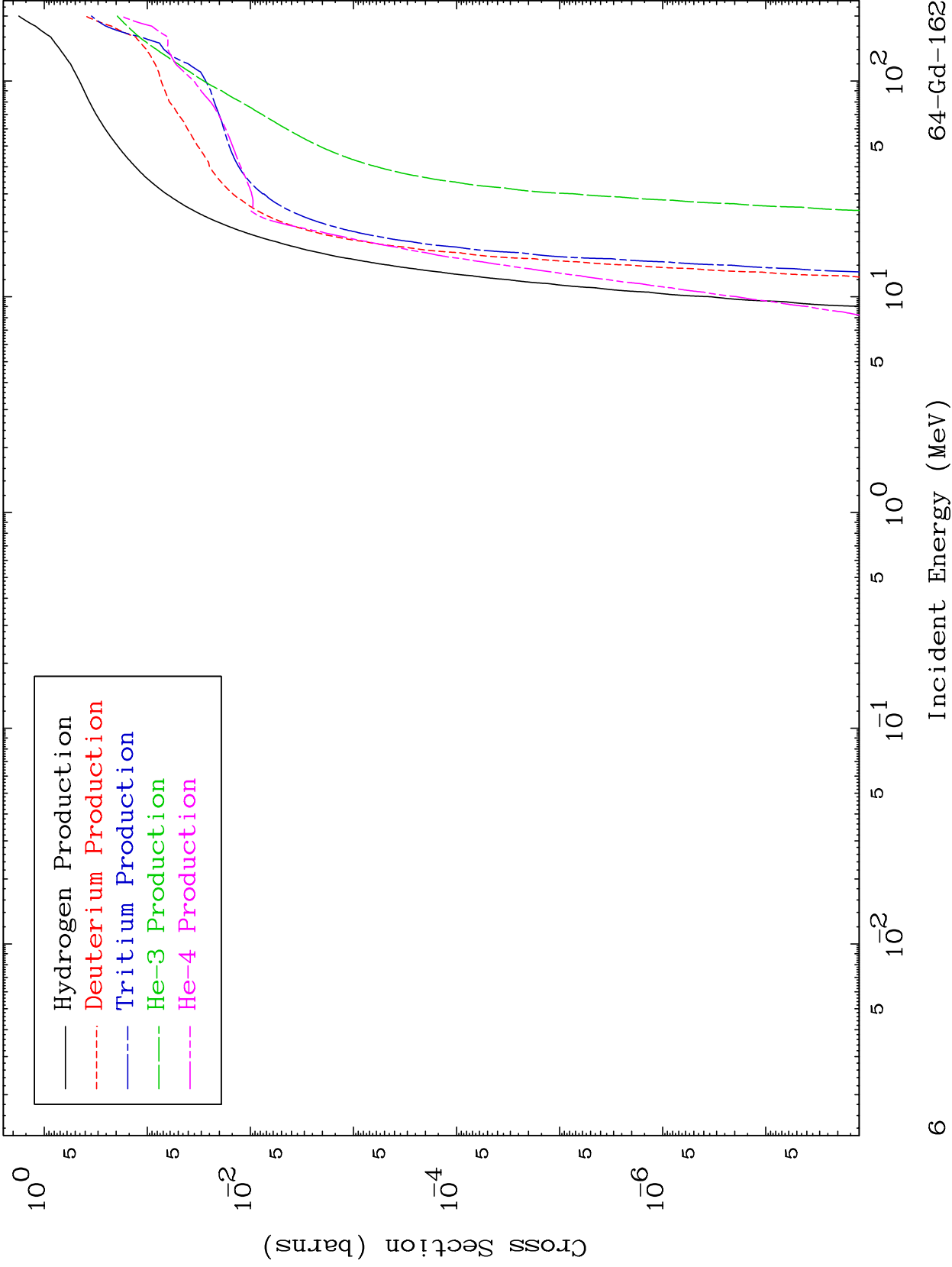
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MAT 6455

Particle Production
293 Kelvin Cross Sections

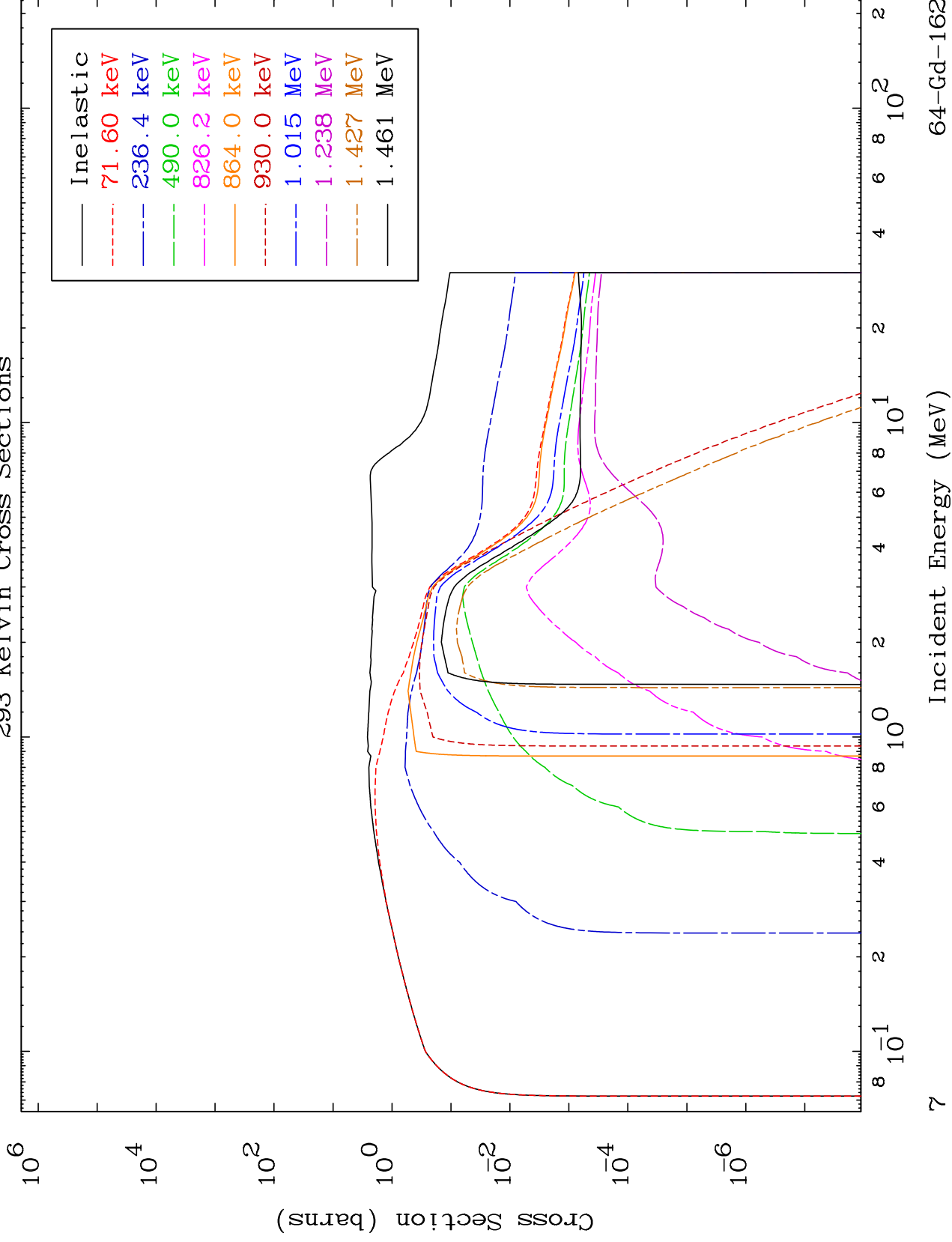
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MAT 6455

(n,n') Level
293 Kelvin Cross Sections

64-Gd-162

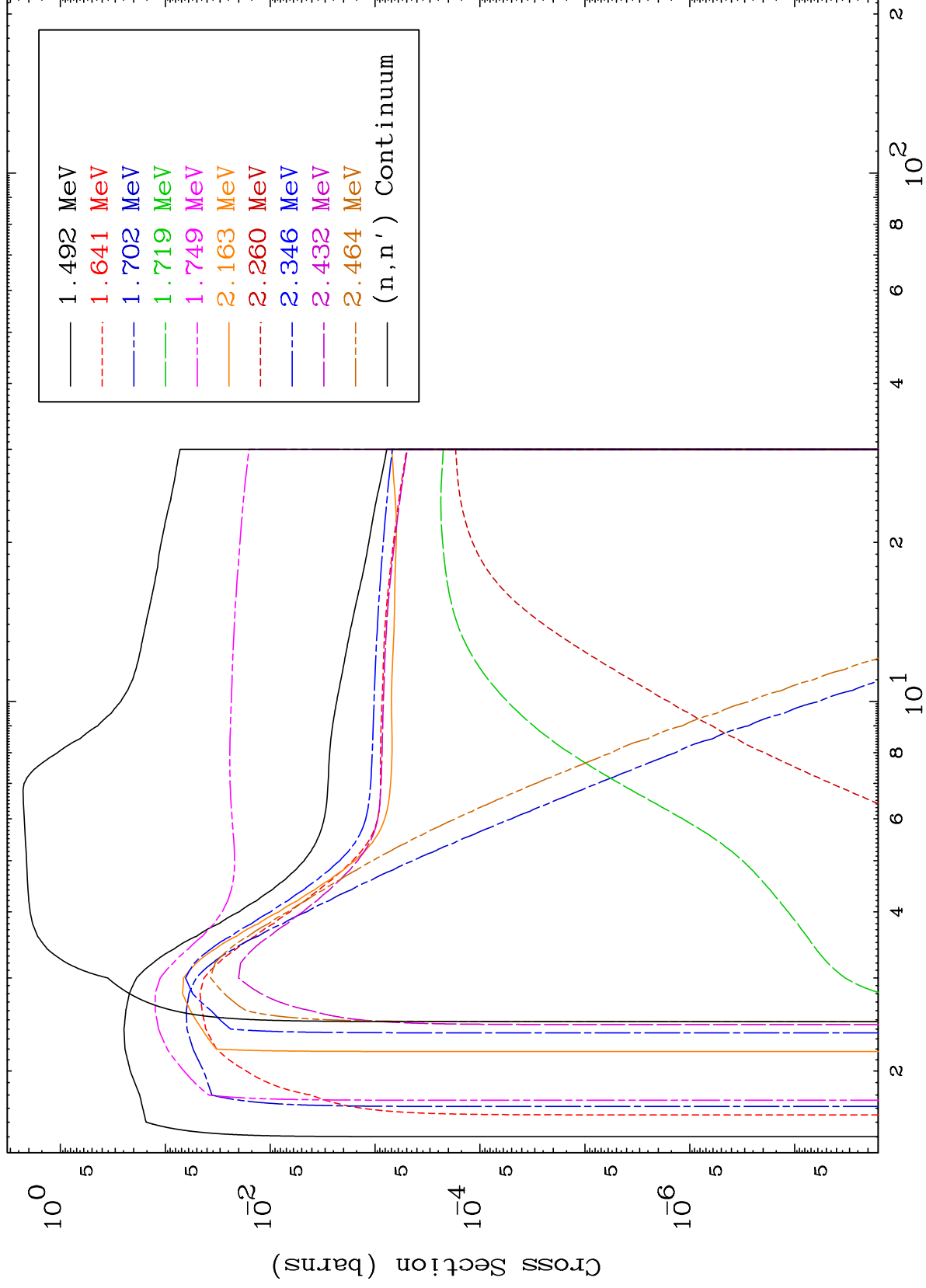


MAT 6455

(n,n') Level

293 Kelvin Cross Sections

64-Gd-162



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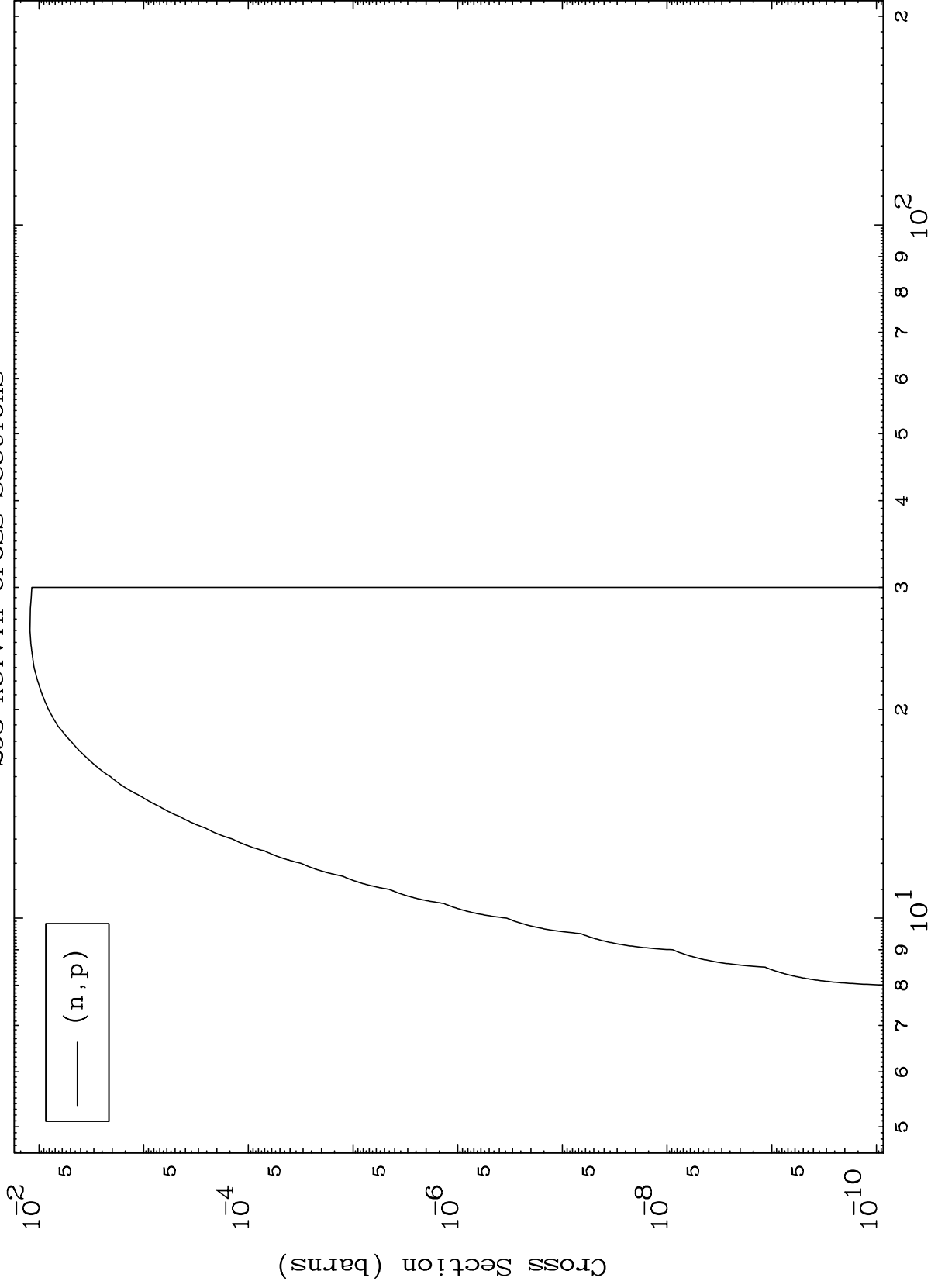
Incident Energy (MeV)

64-Gd-162

MAT 6455

(n,p) Levels
293 Kelvin Cross Sections

64-Gd-162



9

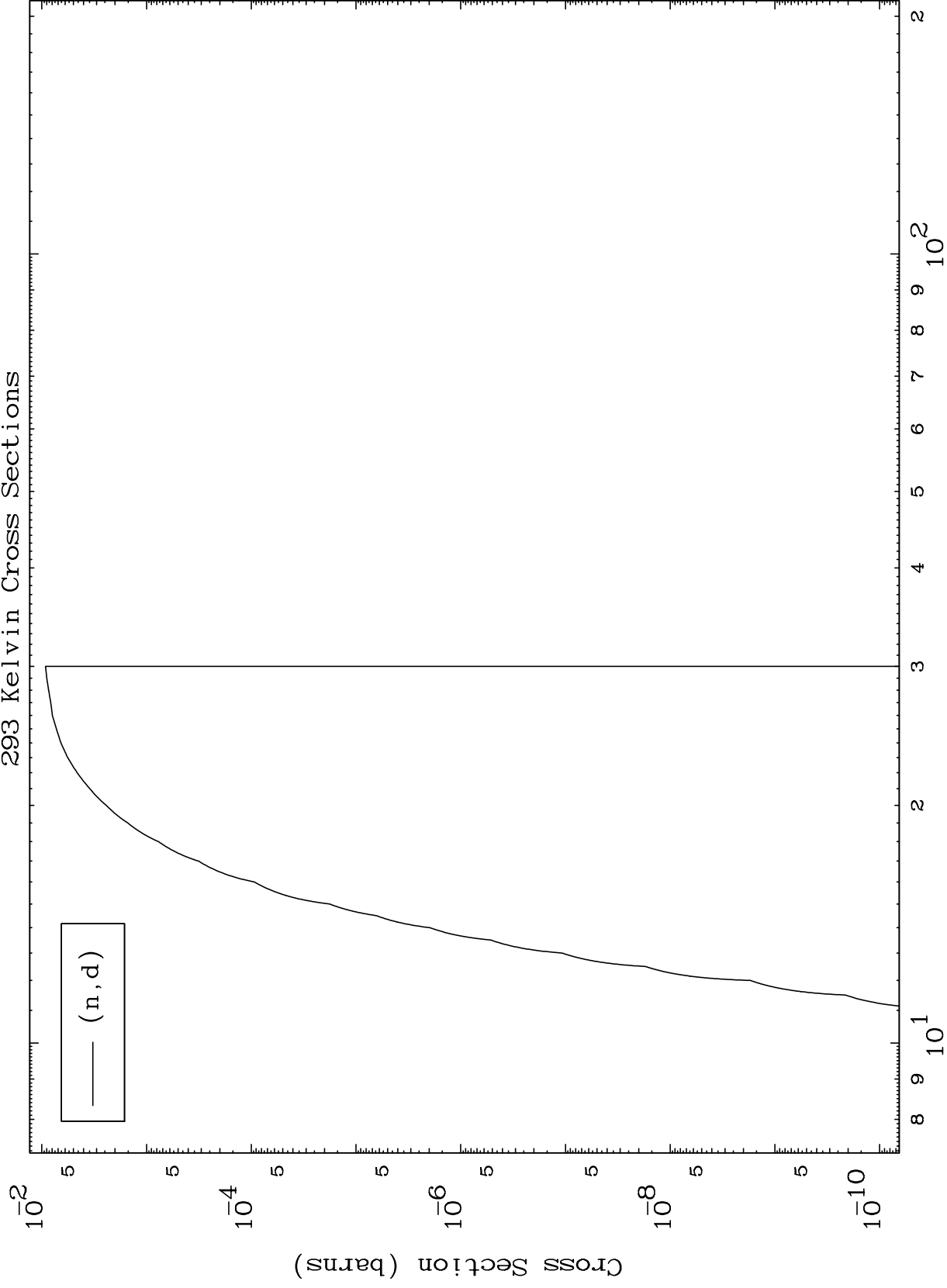
Incident Energy (MeV)

64-Gd-162

MAT 6455

(n,d) Levels
293 Kelvin Cross Sections

64-Gd-162



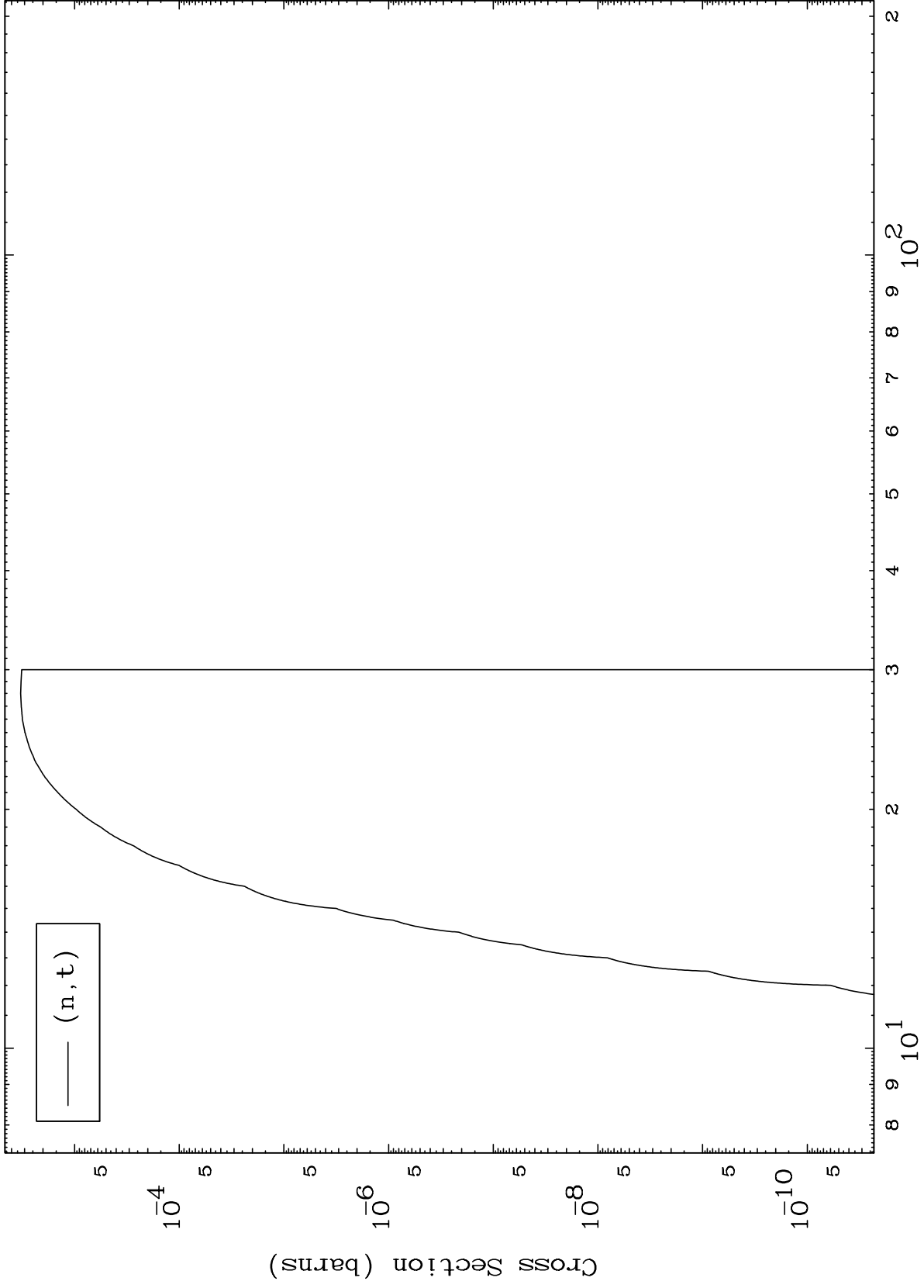
Incident Energy (MeV)

64-Gd-162

MAT 6455

(n,t) Levels
293 Kelvin Cross Sections

64-Gd-162



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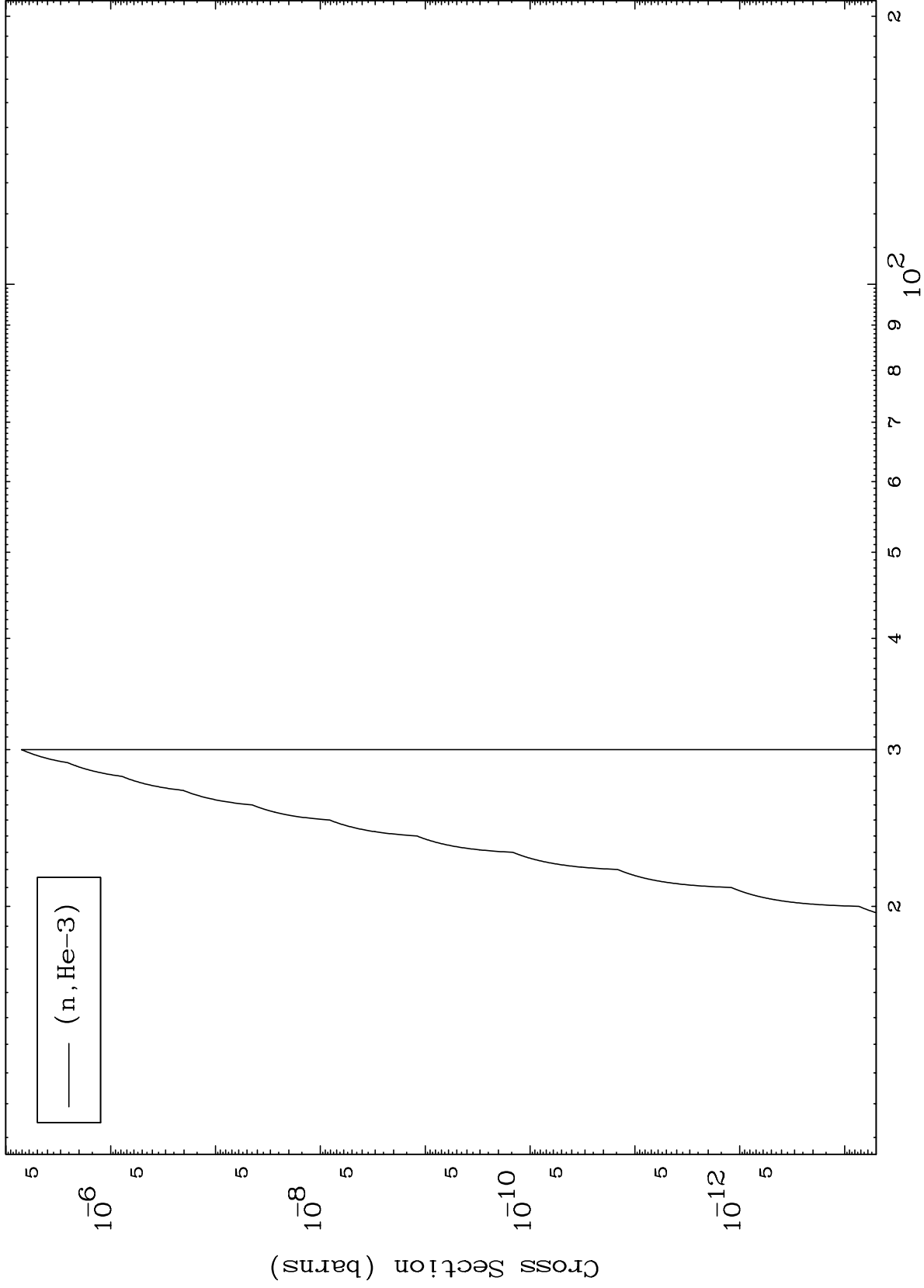
Incident Energy (MeV)

64-Gd-162

MAT 6455

(n,He3) Levels
293 Kelvin Cross Sections

64-Gd-162



12

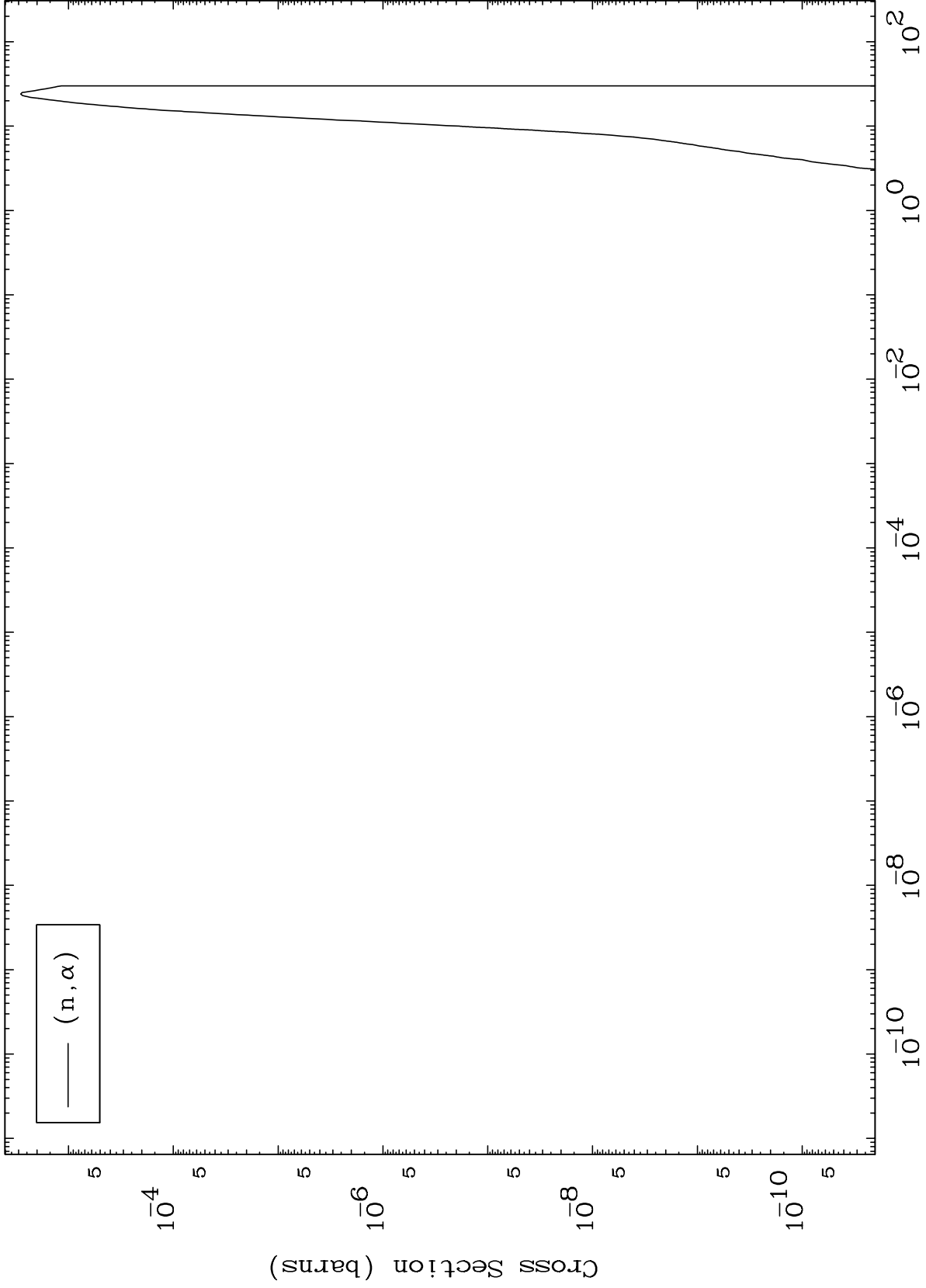
Incident Energy (MeV)

64-Gd-162

MAT 6455

(n, α) Levels
293 Kelvin Cross Sections

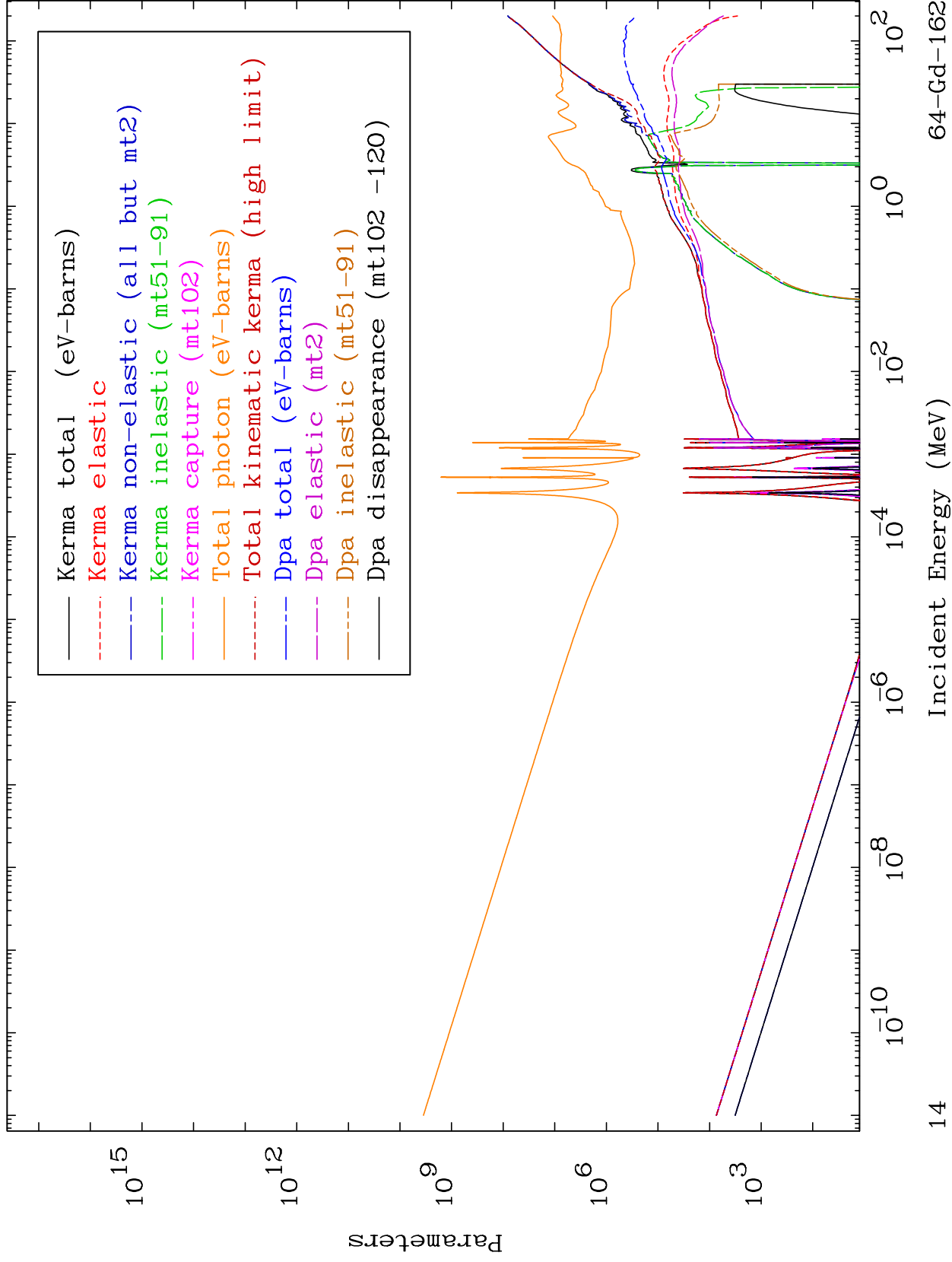
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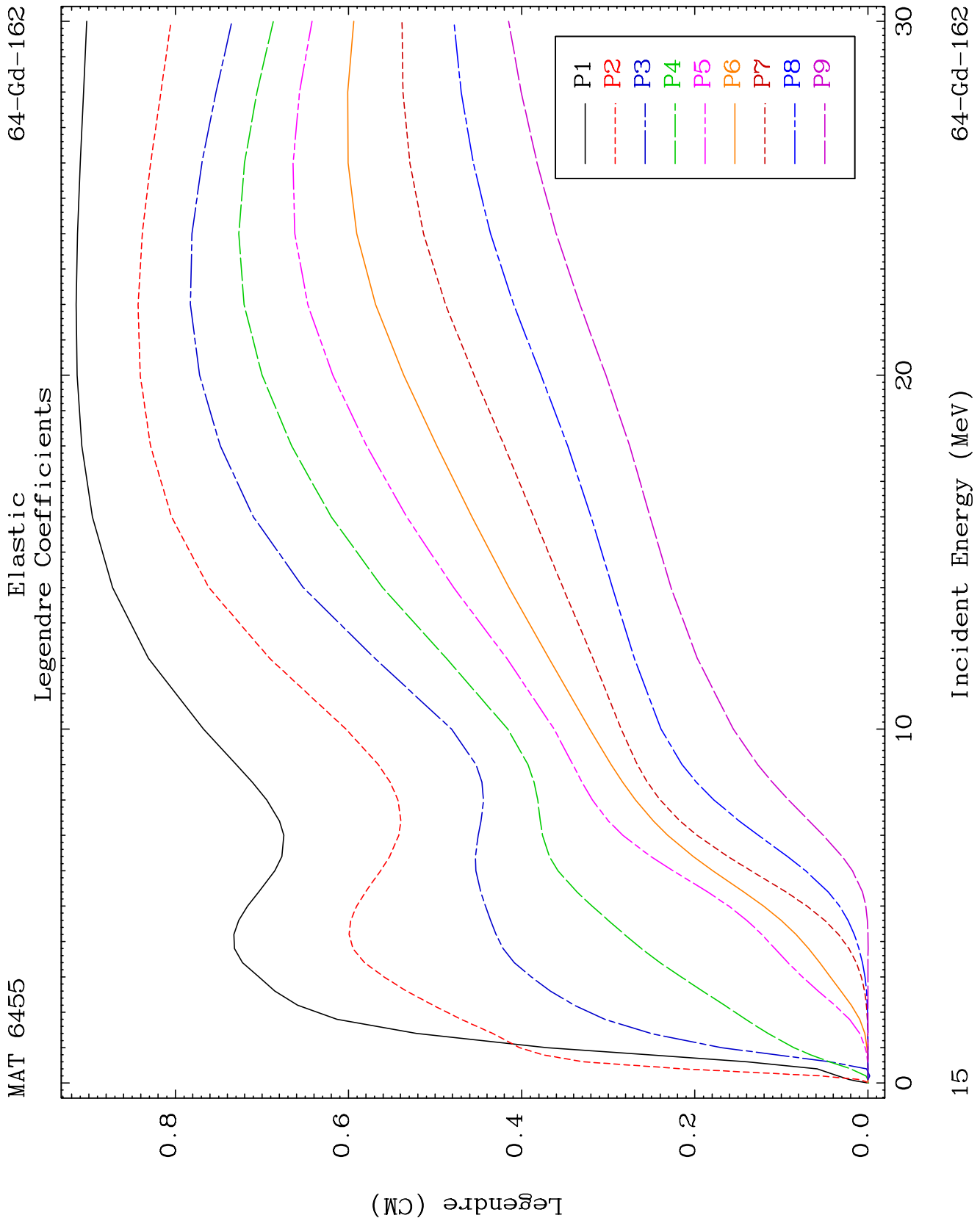


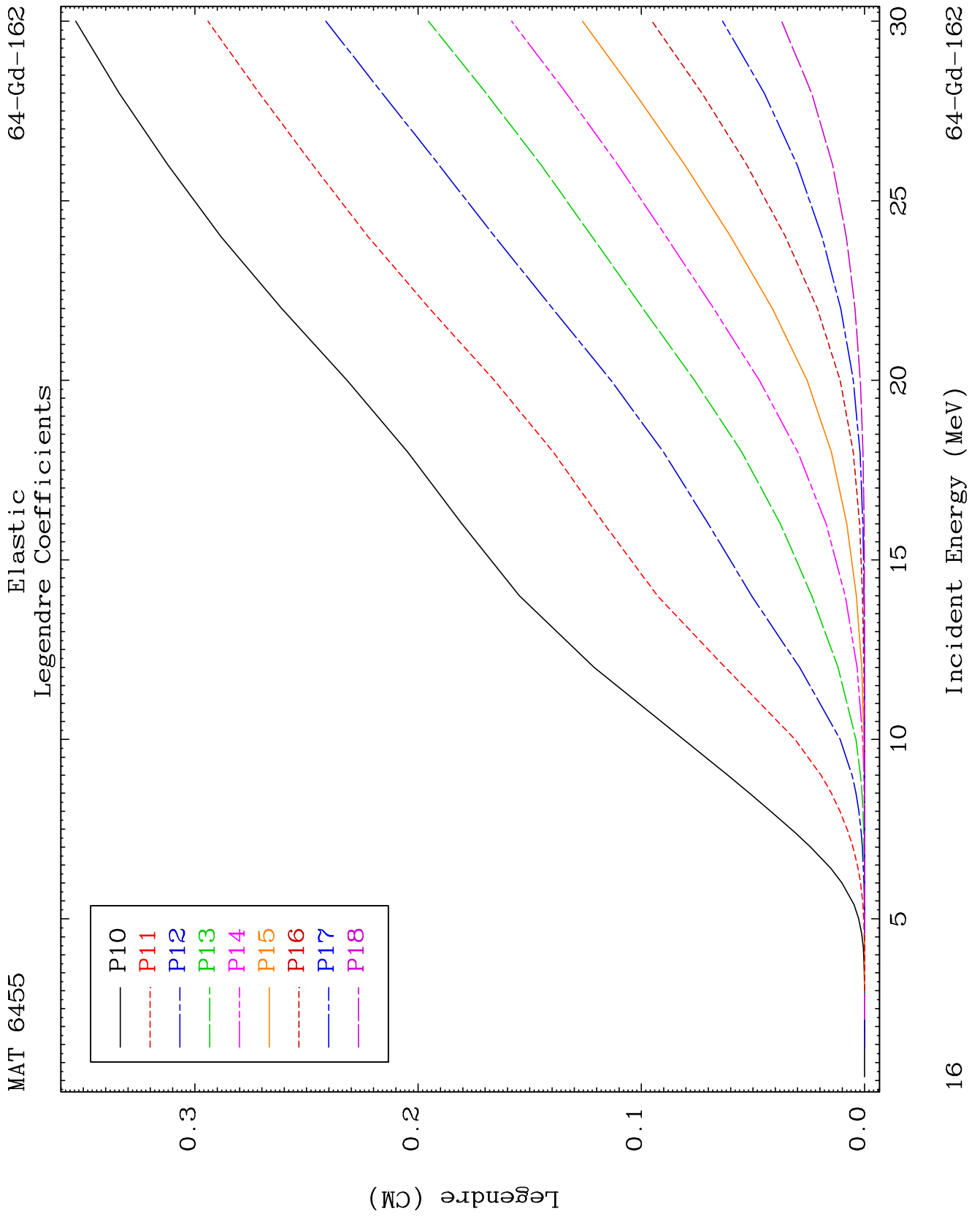
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Incident Energy (MeV)

64-Gd-162







MAT 6455

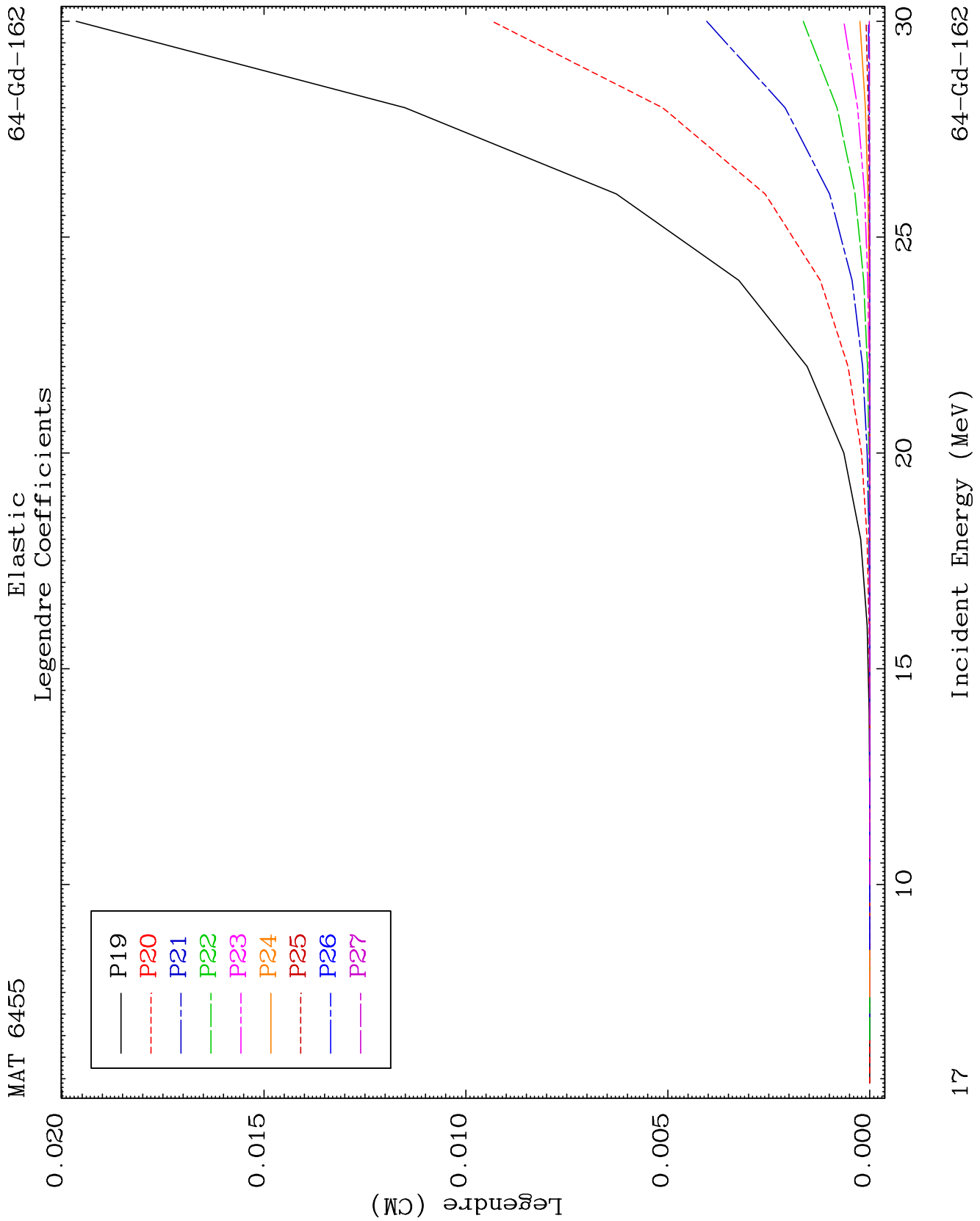
Elastic Legendre Coefficients

$^{64}\text{Gd-162}$

16

Incident Energy (MeV)

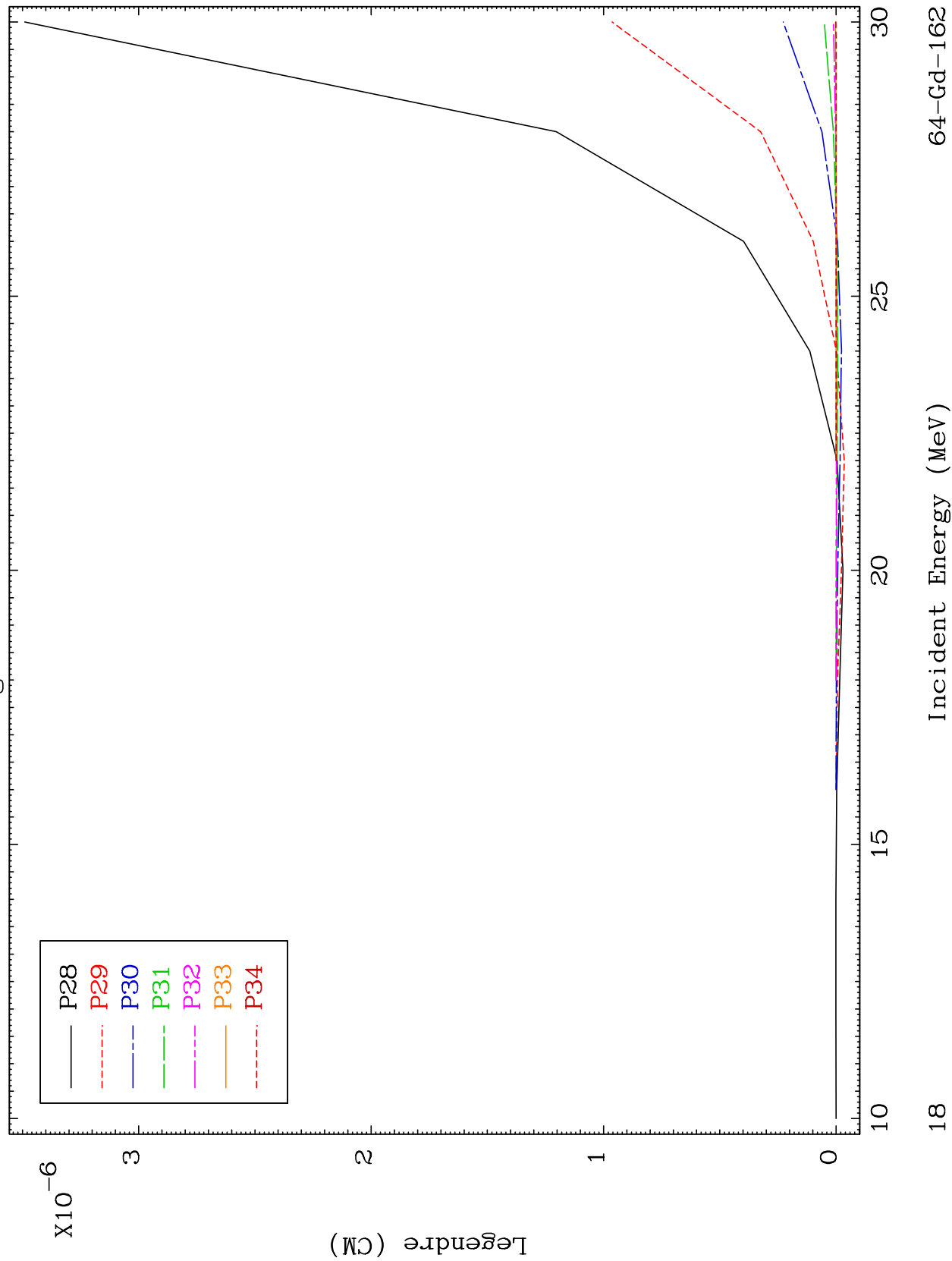
$^{64}\text{Gd-162}$

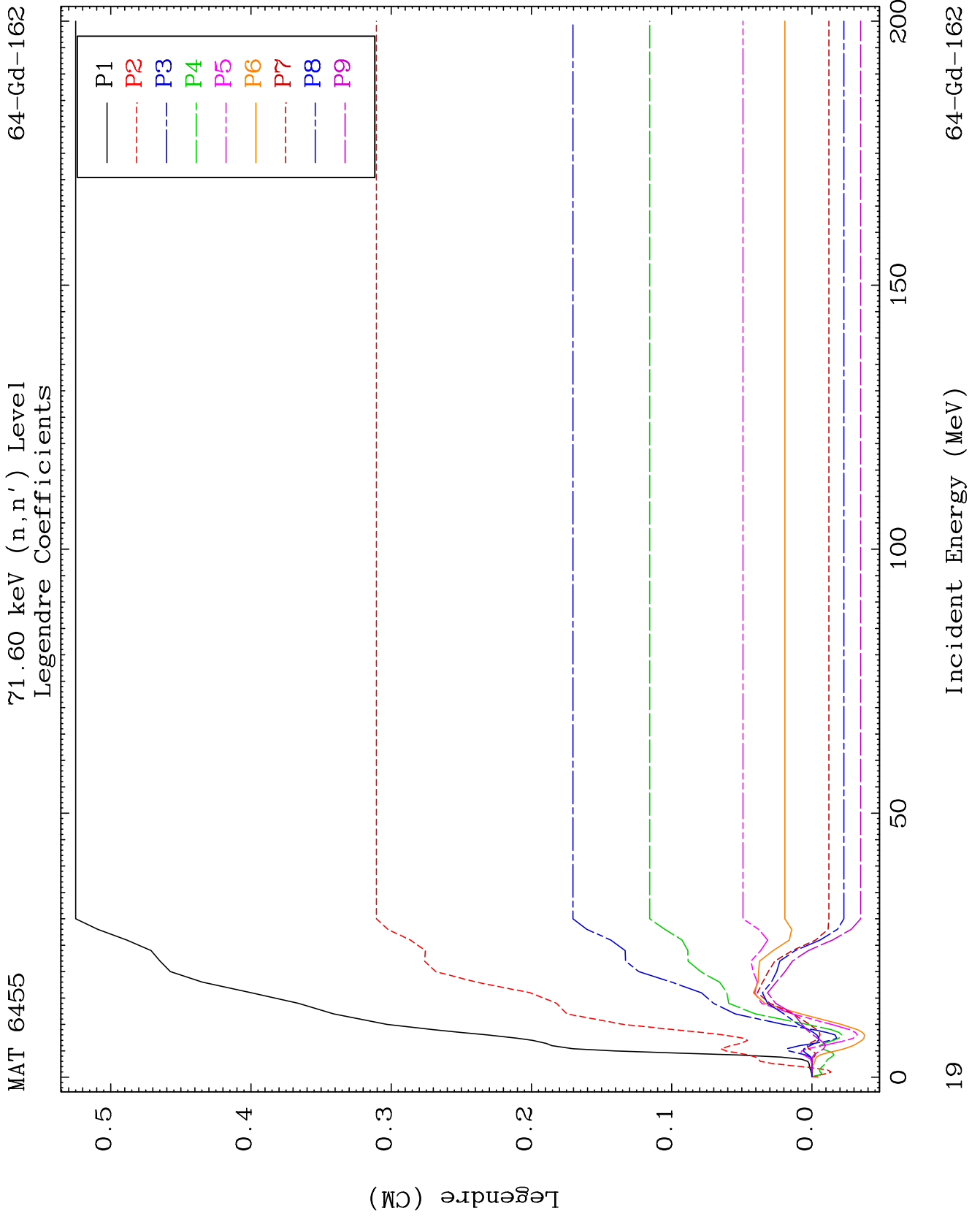


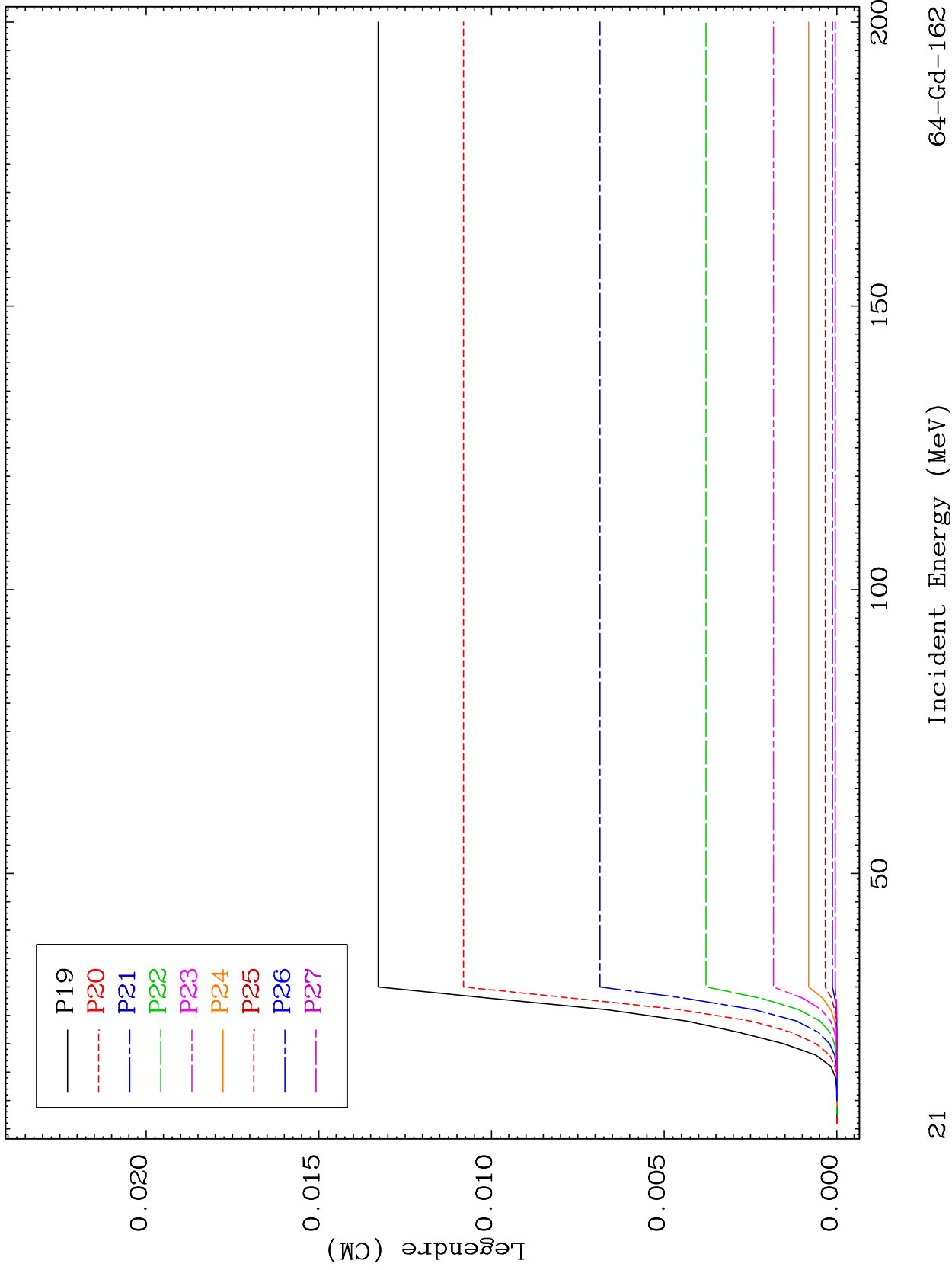
MAT 6455

Elastic Legendre Coefficients

64-Gd-162



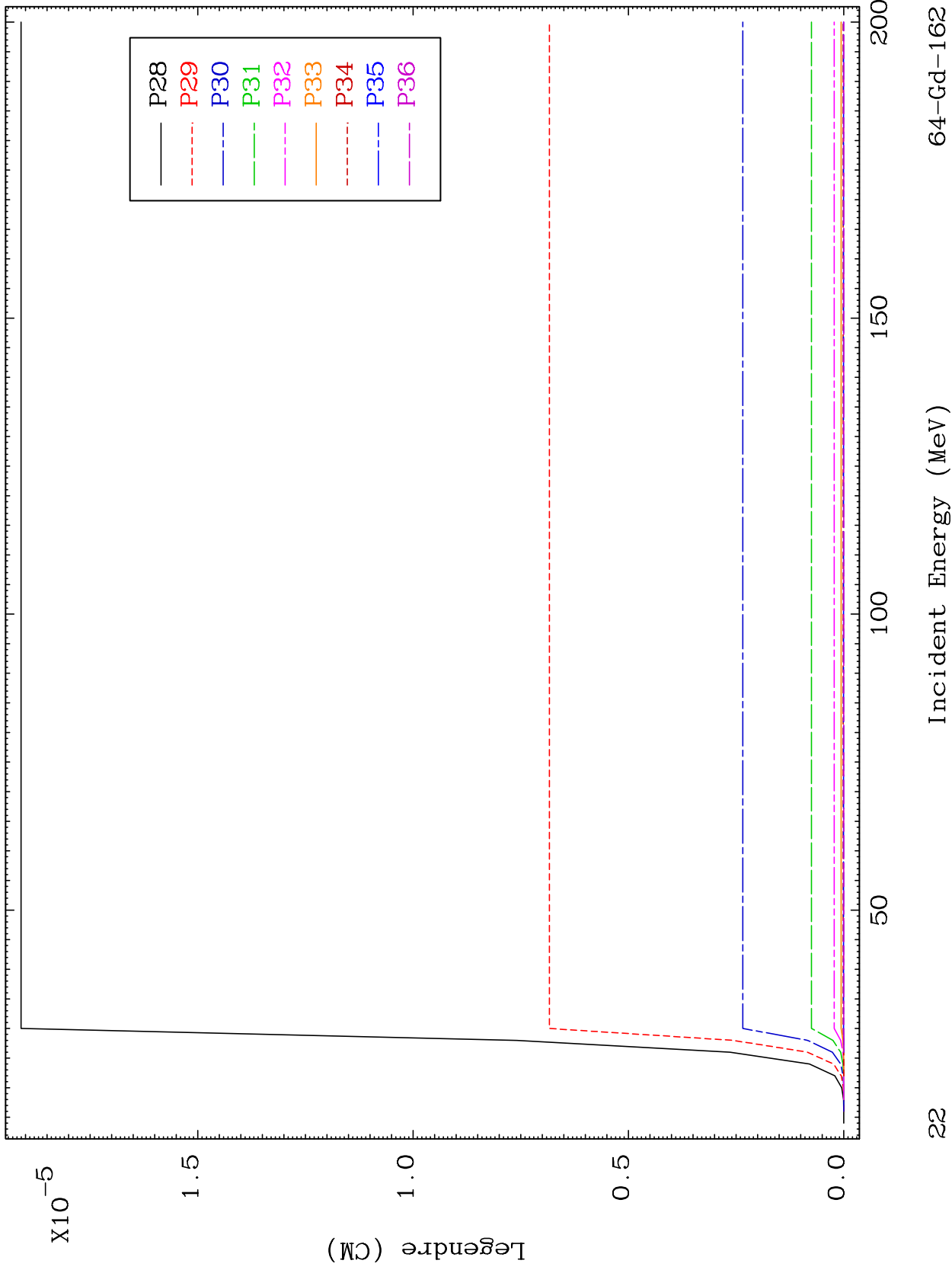




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71.60 keV (n,n') Level
Legendre Coefficients

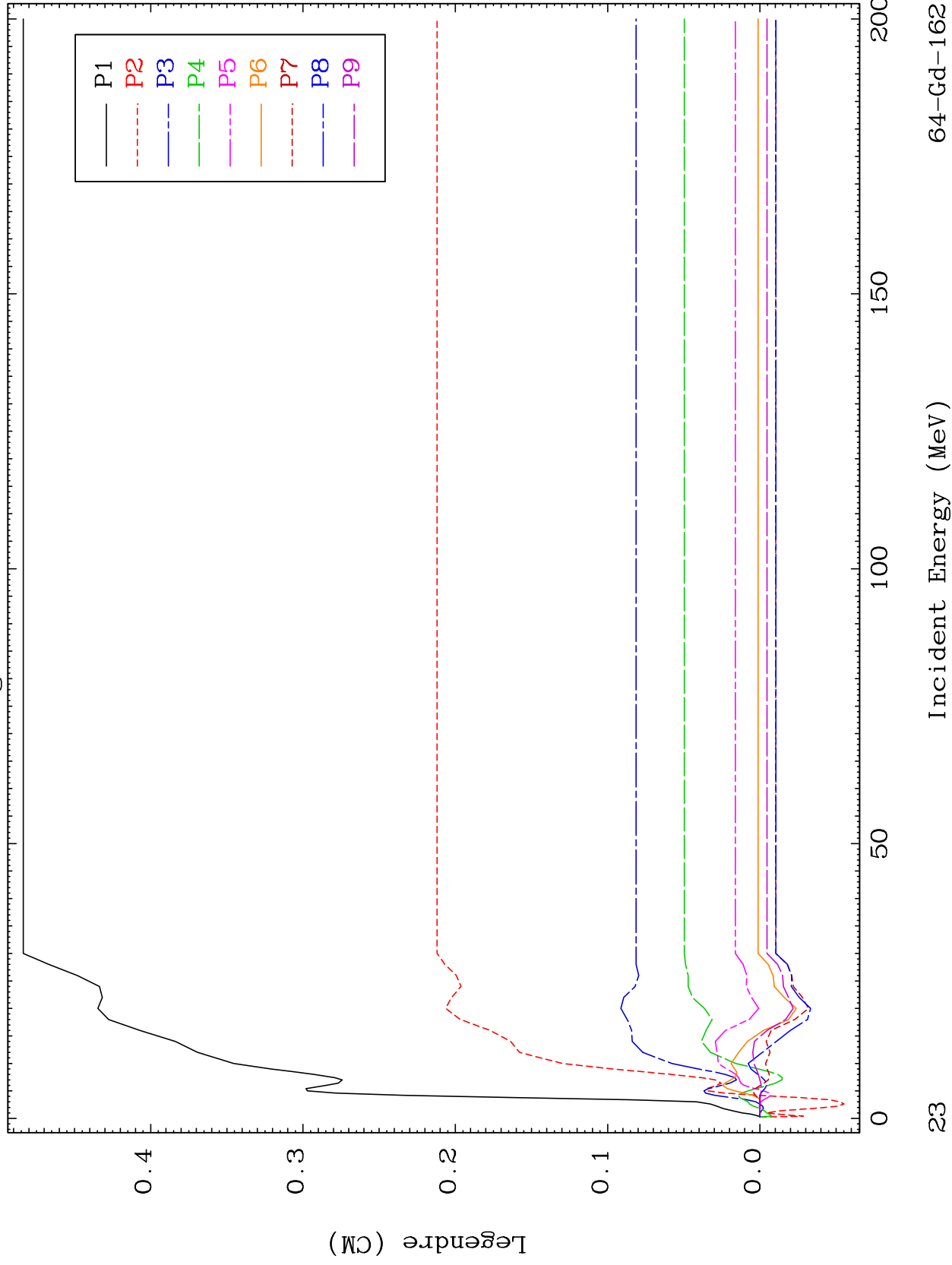
64-Gd-162



MAT 6455

236.4 keV (n,n') Level
Legendre Coefficients

64-Gd-162



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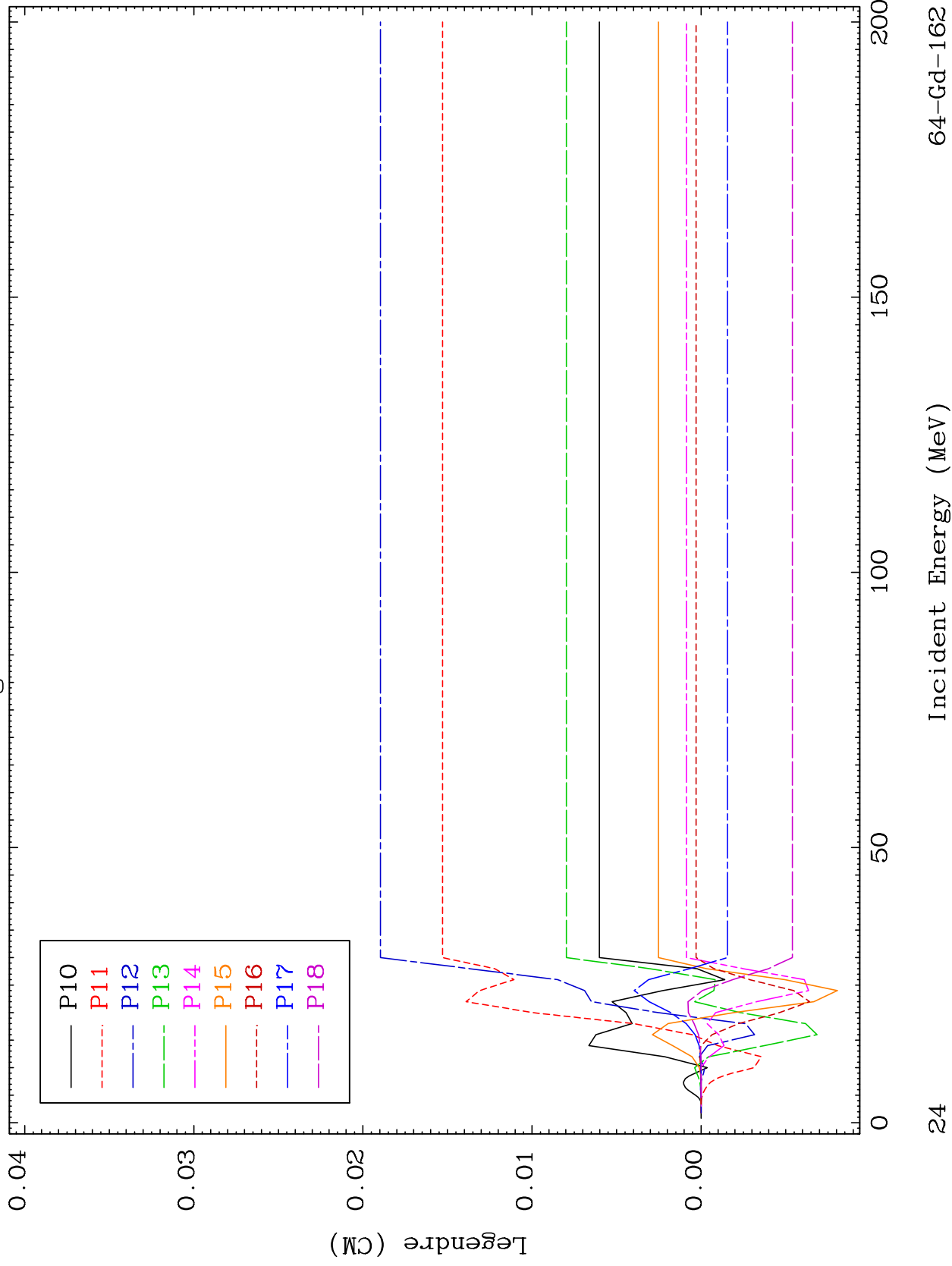
Incident Energy (MeV)

64-Gd-162

MAT 6455

236.4 keV (n,n') Level
Legendre Coefficients

64-Gd-162



24

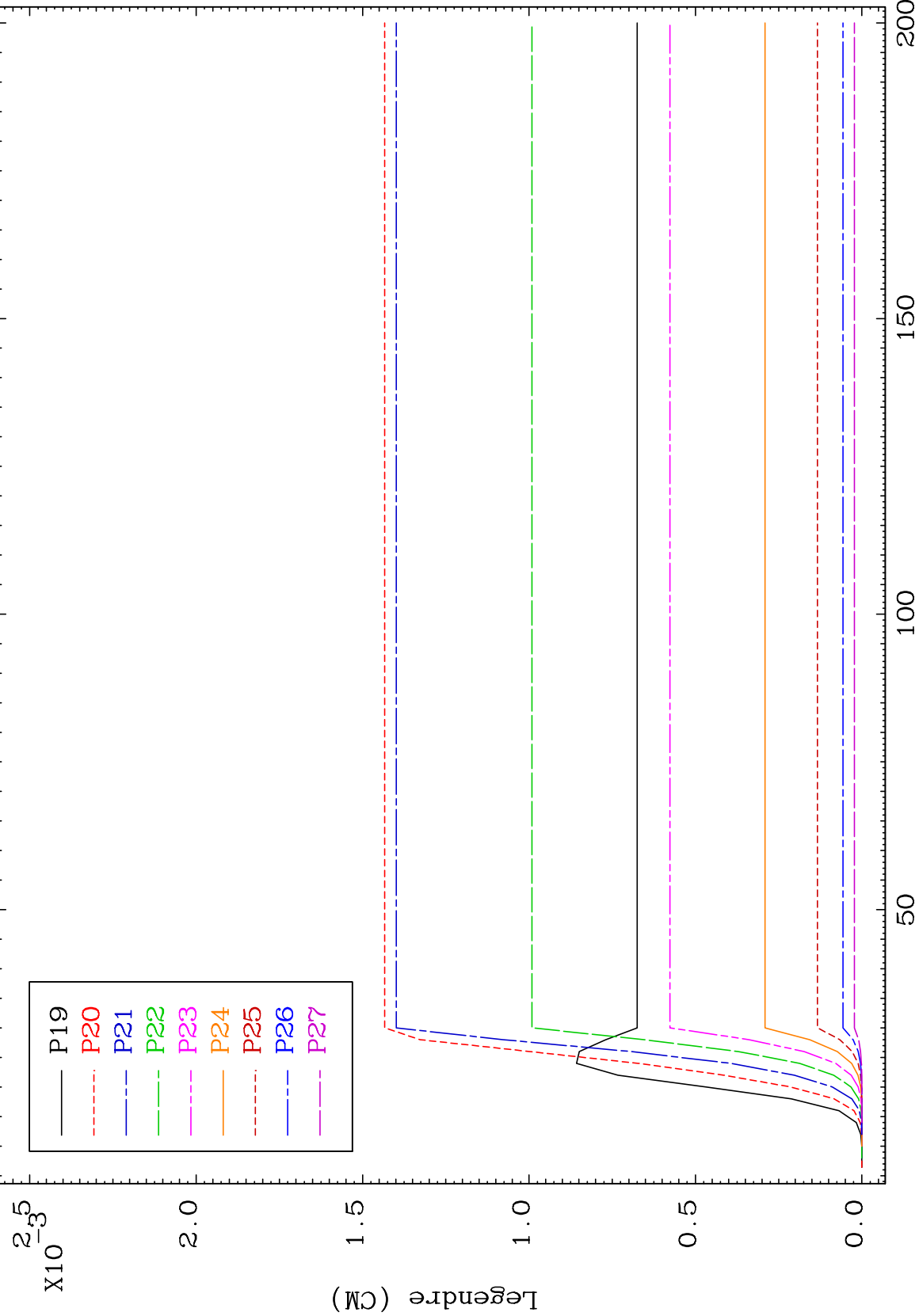
Incident Energy (MeV)

64-Gd-162

MAT 6455

236.4 keV (n,n') Level
Legendre Coefficients

64-Gd-162



25

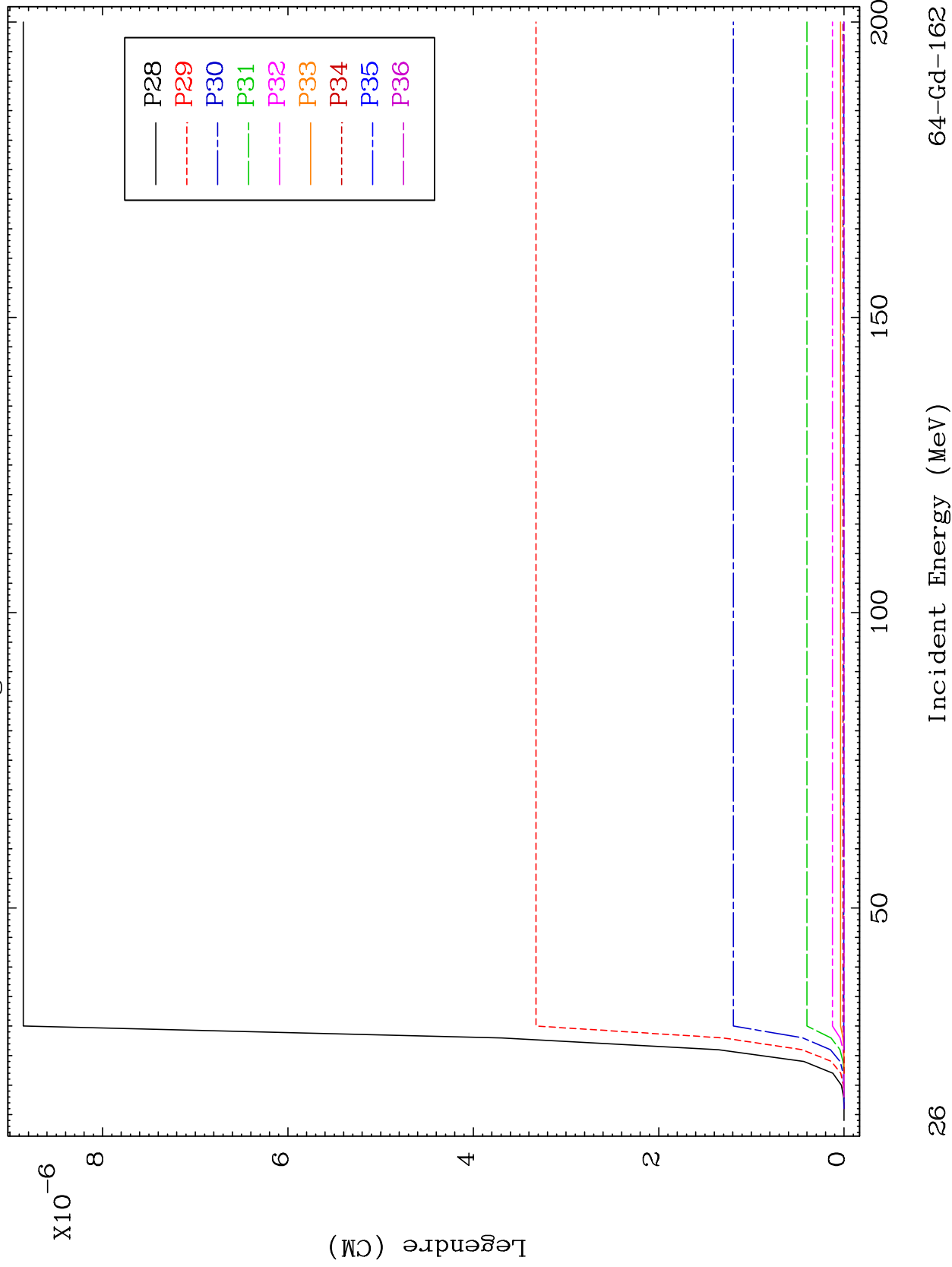
Incident Energy (MeV)

64-Gd-162

MAT 6455

236.4 keV (n,n') Level
Legendre Coefficients

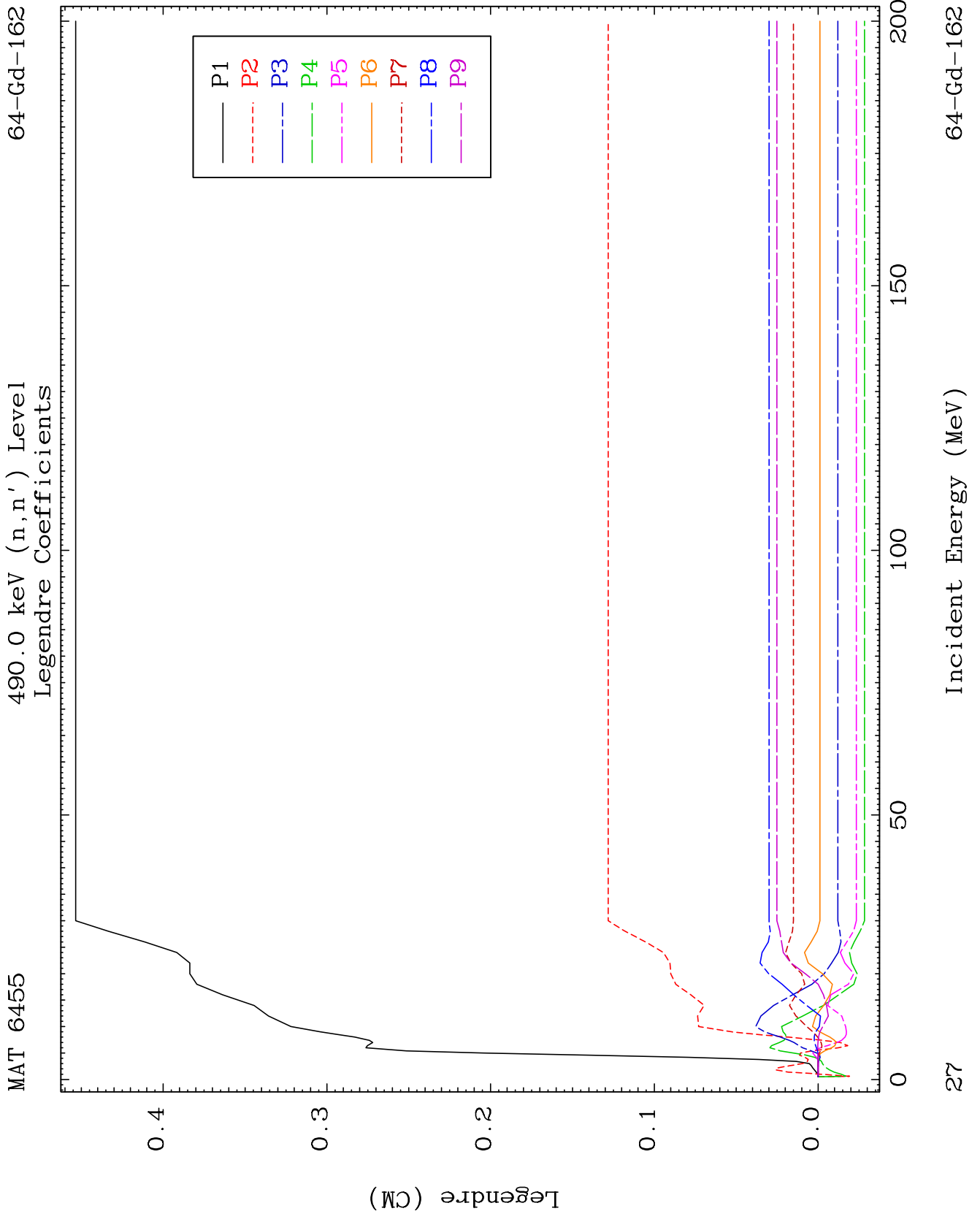
64-Gd-162



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Incident Energy (MeV)

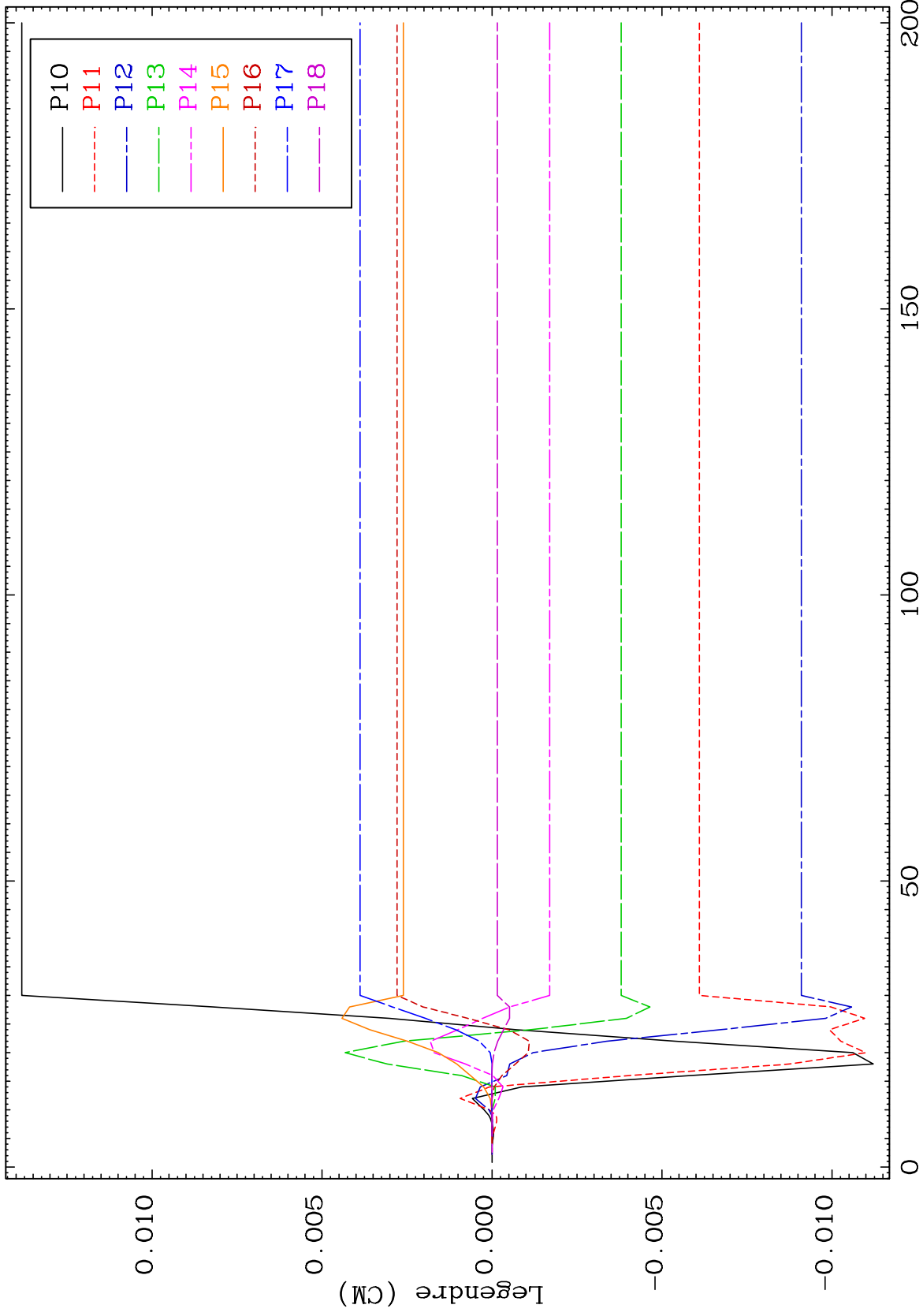
64-Gd-162



MAT 6455

490.0 keV (n,n') Level
Legendre Coefficients

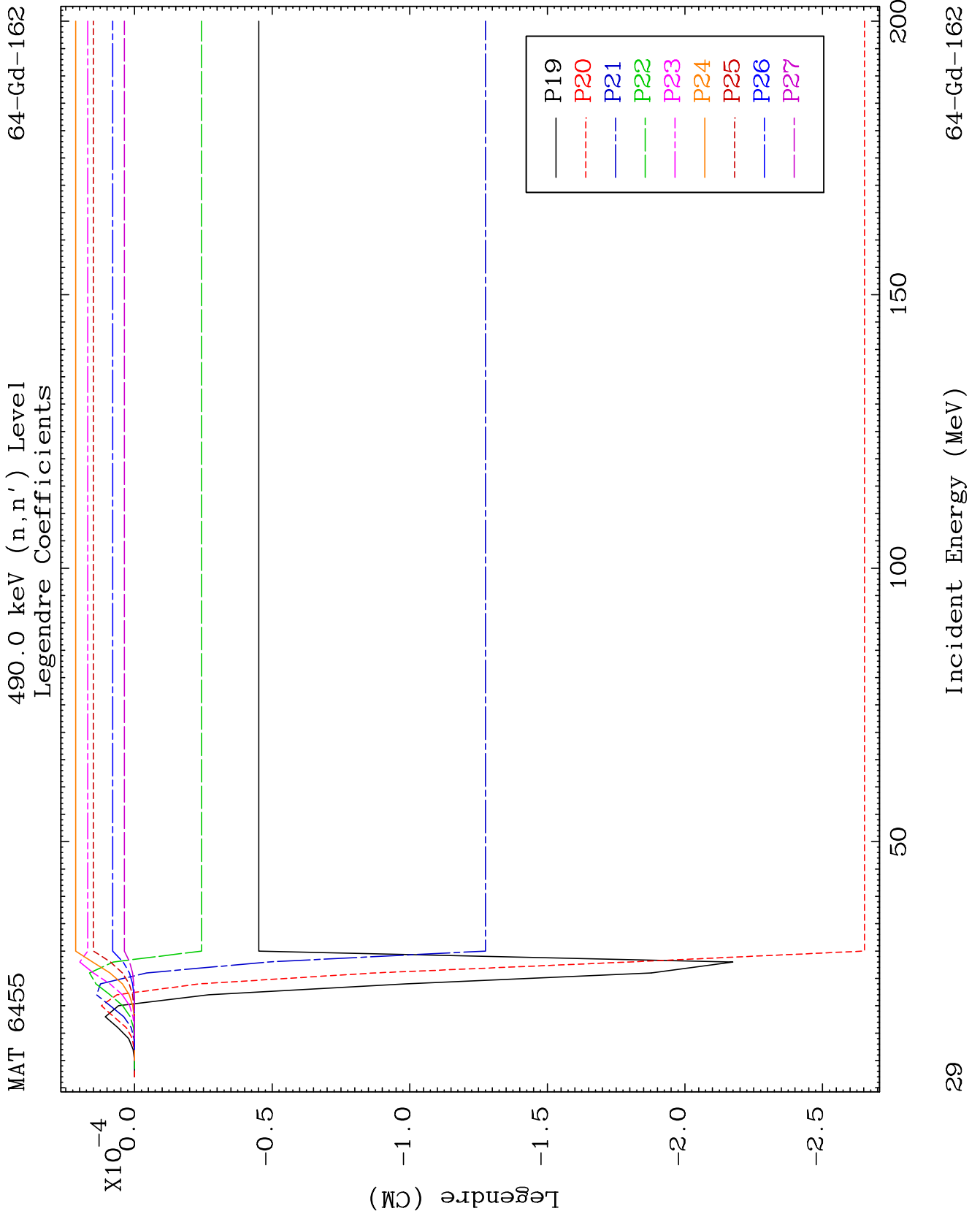
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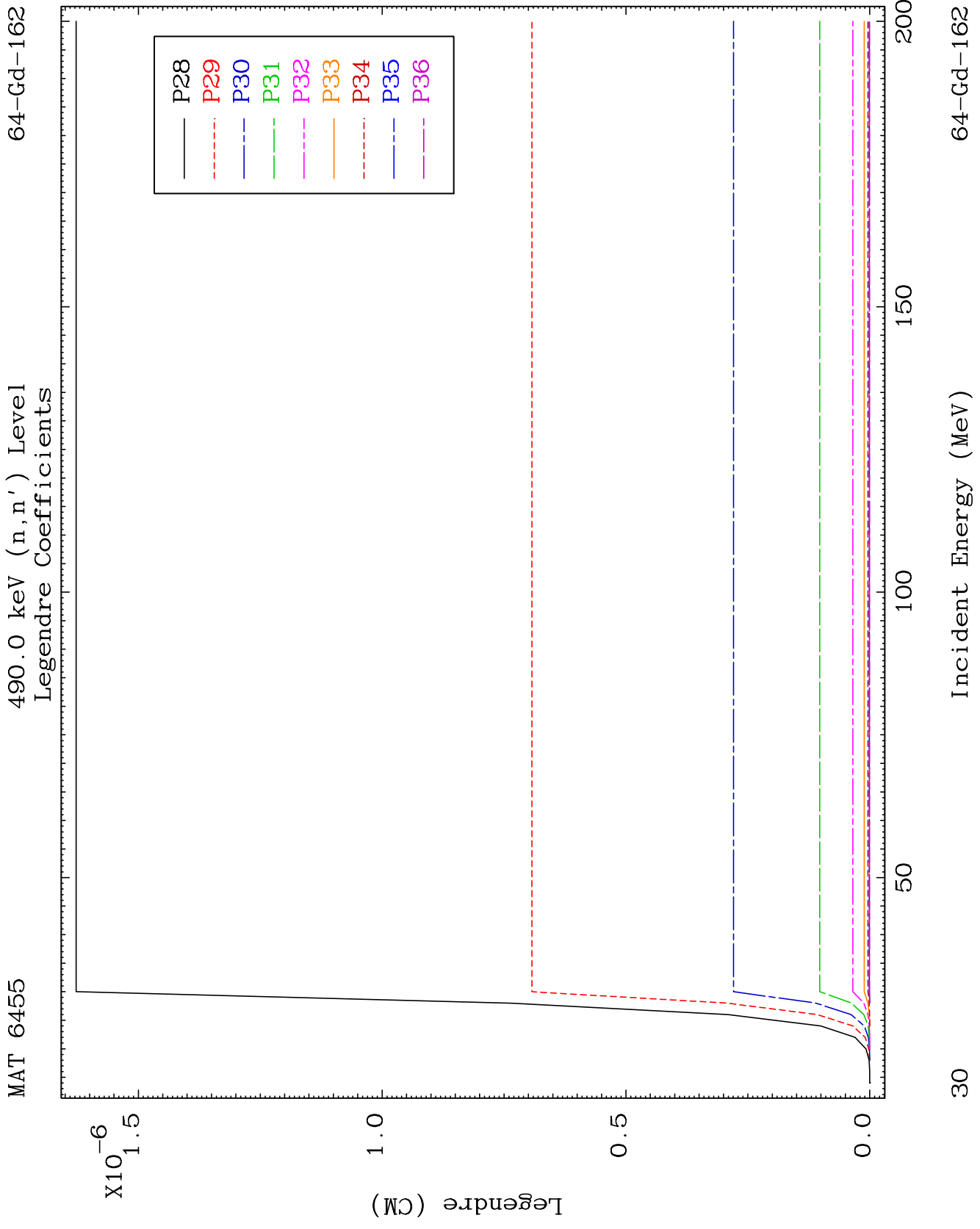


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Incident Energy (MeV)

64-Gd-162

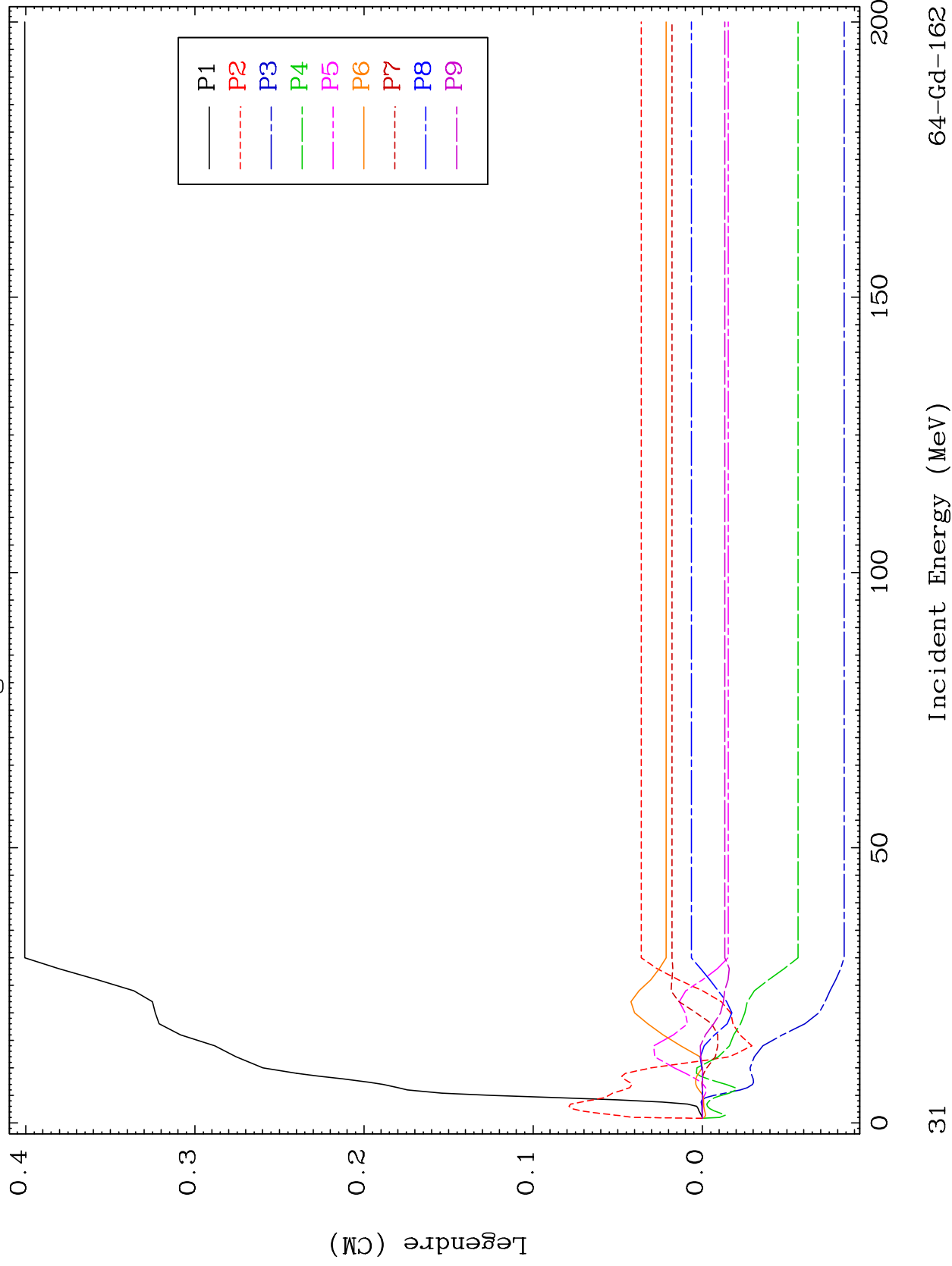




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826.2 keV (n,n') Level
Legendre Coefficients

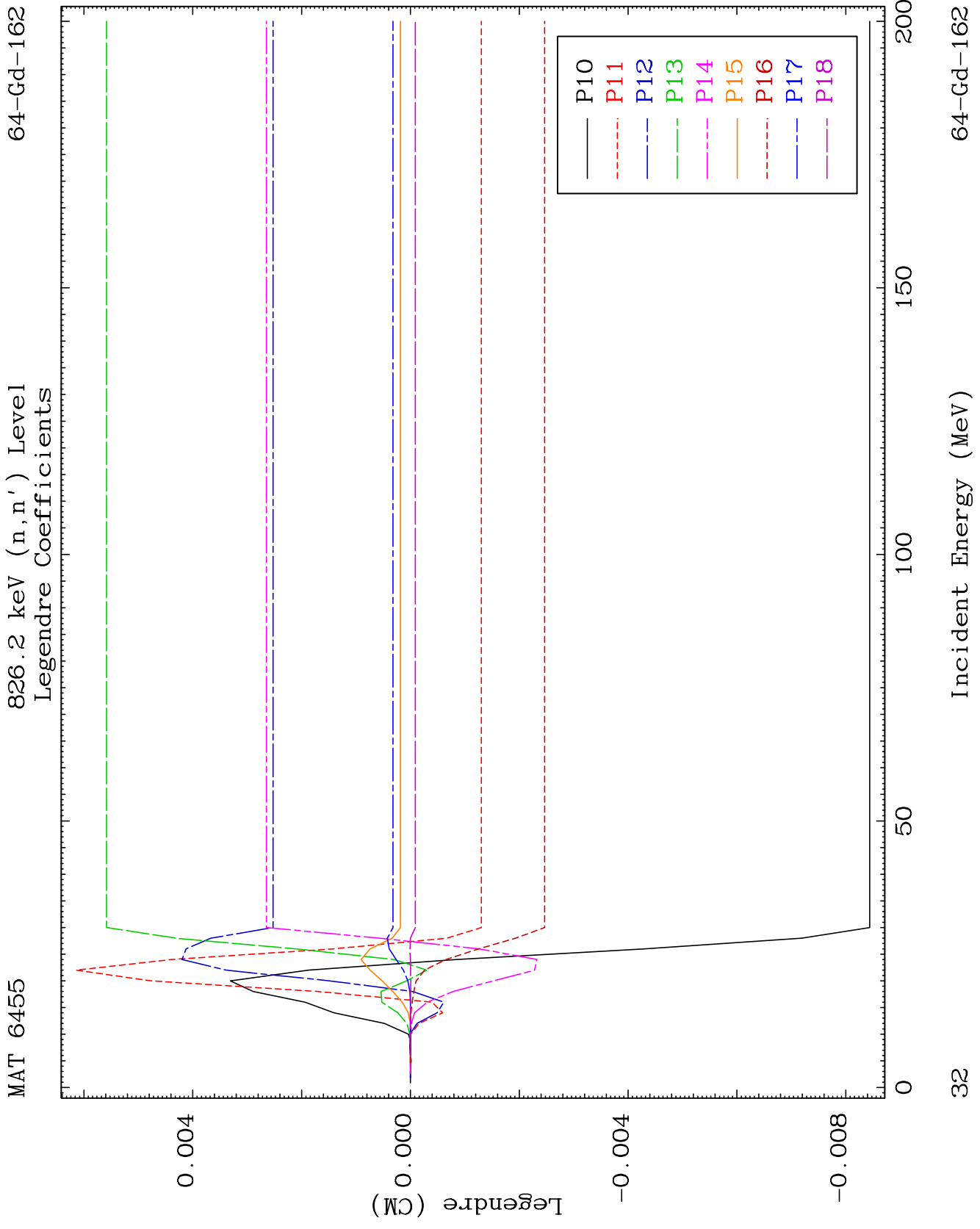
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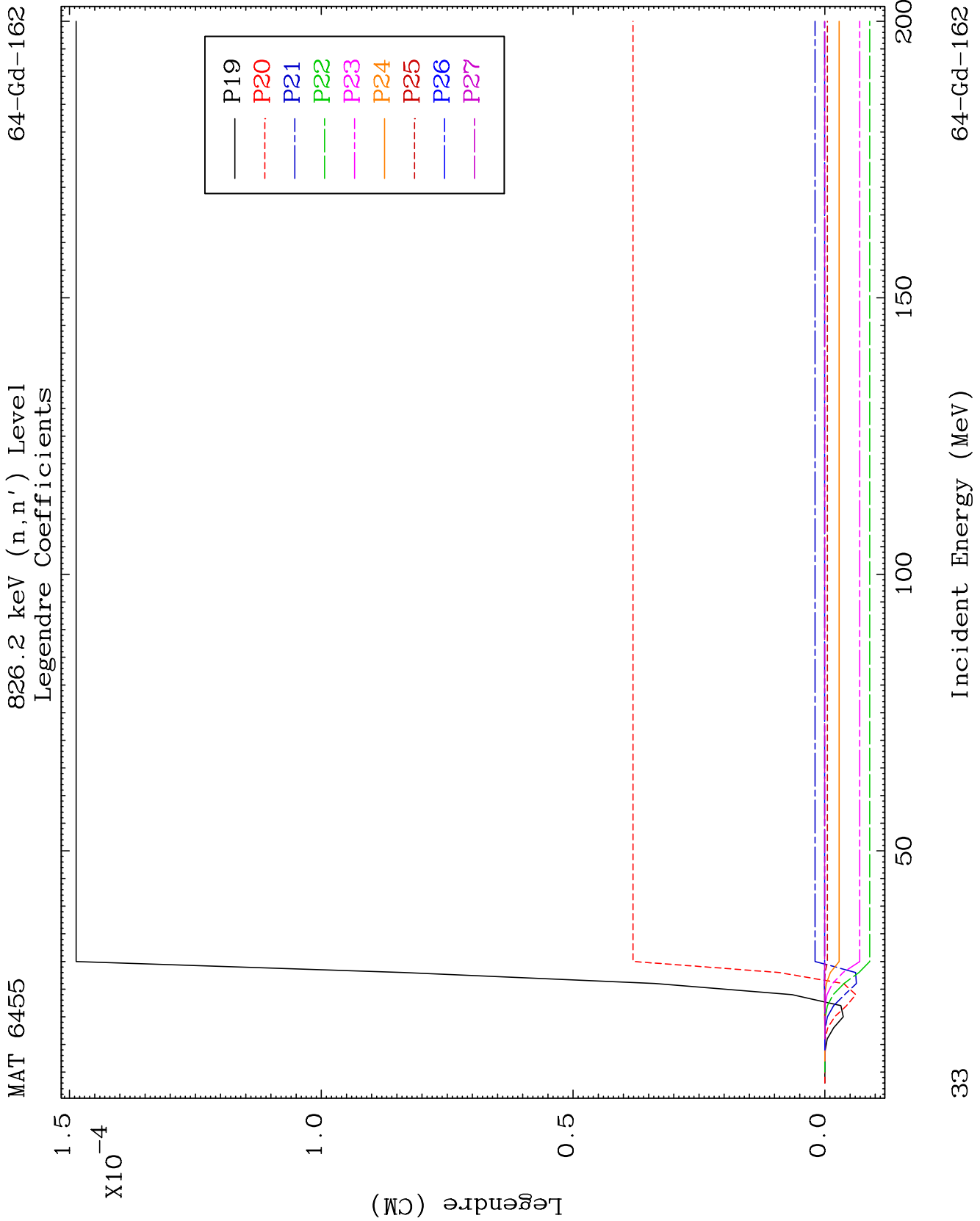


64-Gd-162

Incident Energy (MeV)

31

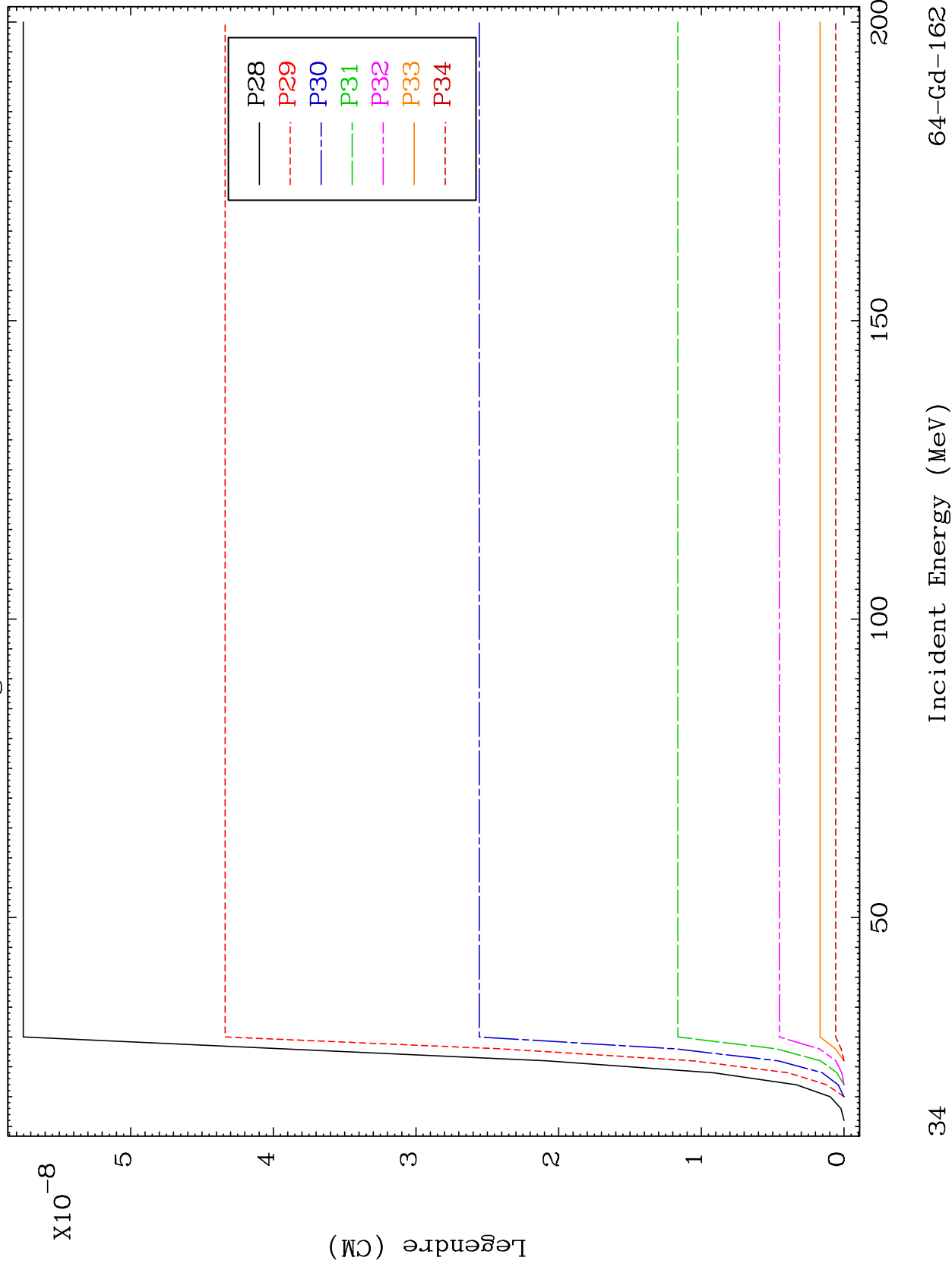




MAT 6455

826.2 keV (n,n') Level
Legendre Coefficients

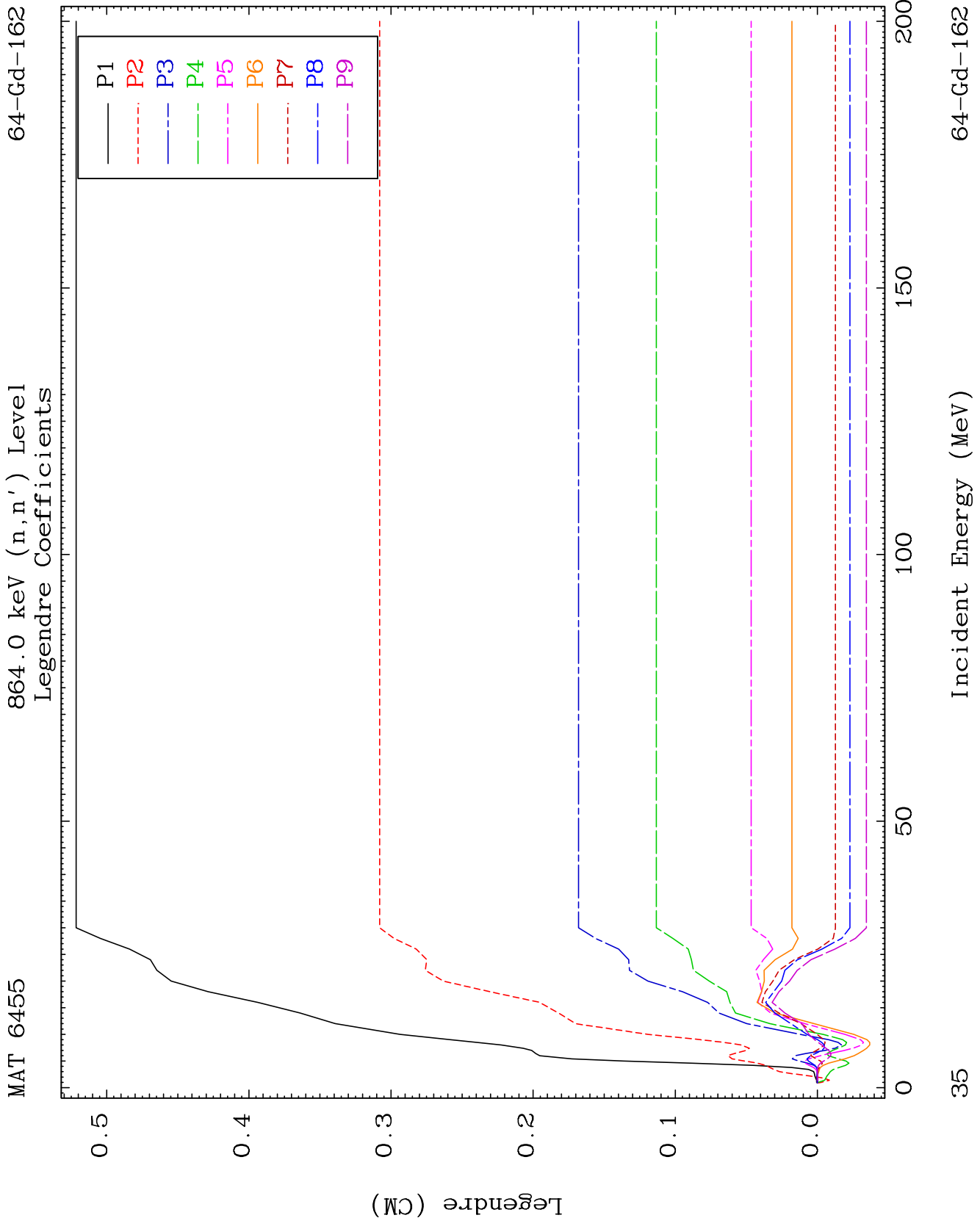
64-Gd-162



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Incident Energy (MeV)

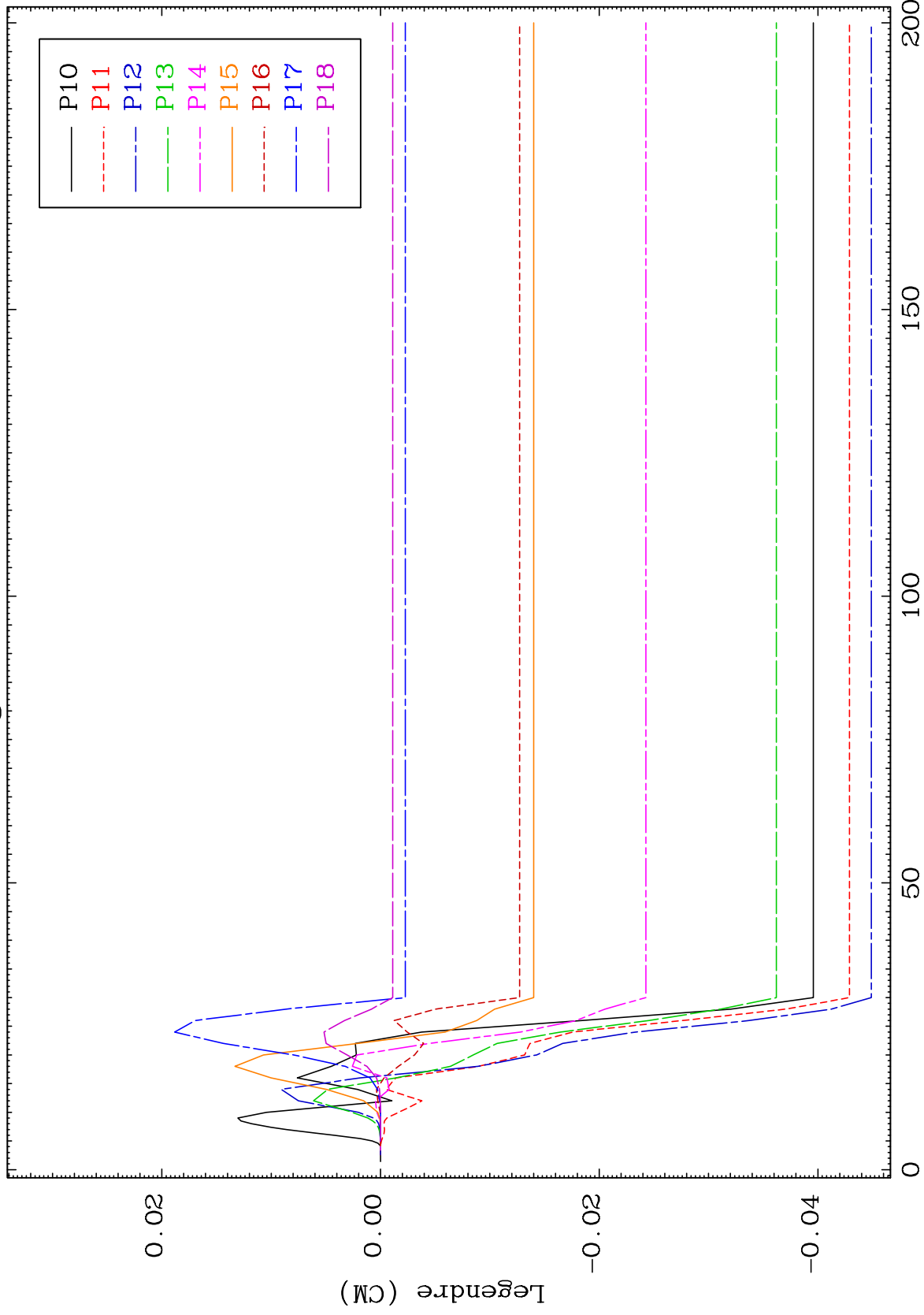
64-Gd-162



MAT 6455

864.0 keV (n,n') Level
Legendre Coefficients

64-Gd-162



36

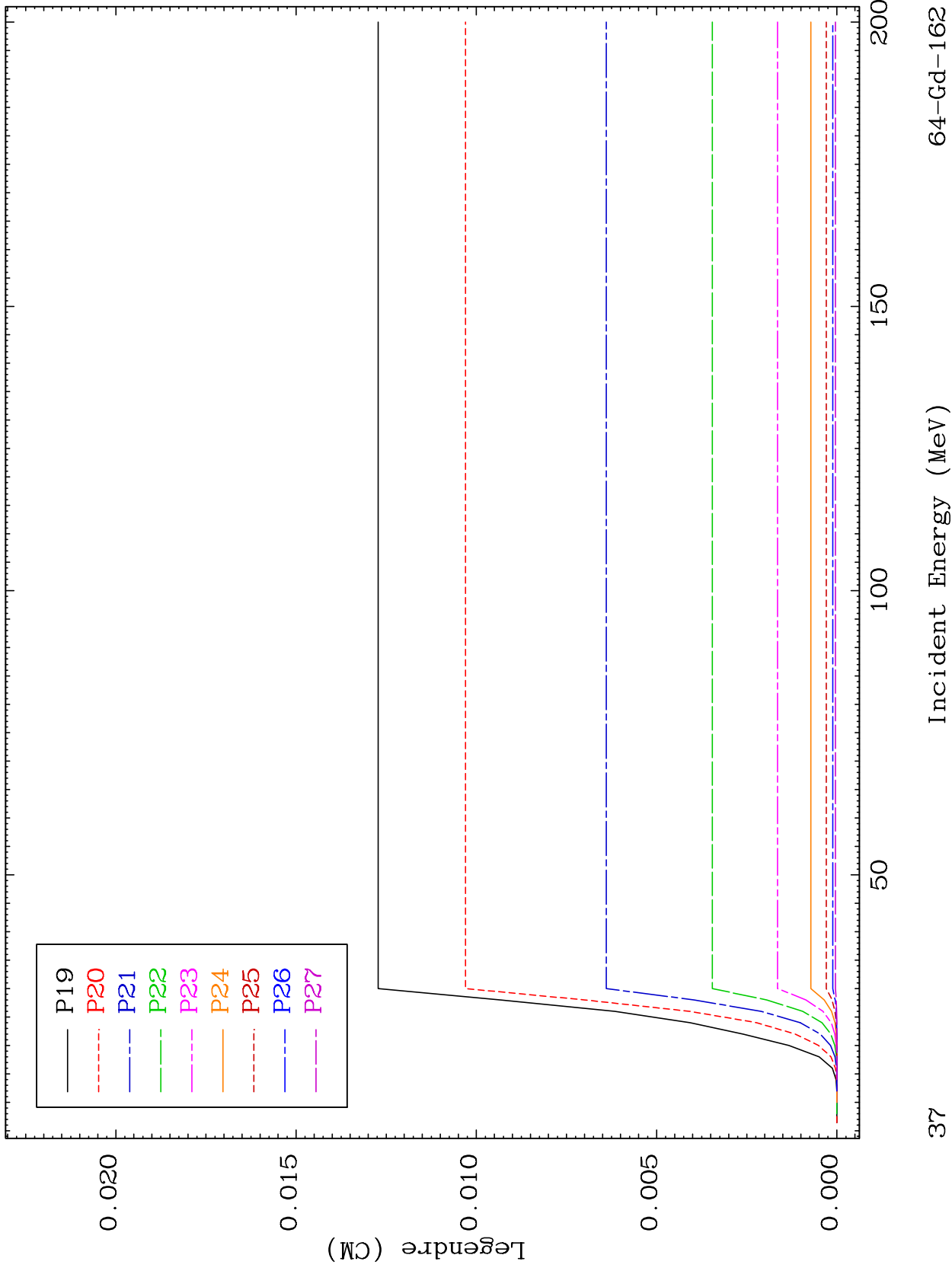
Incident Energy (MeV)

64-Gd-162

MAT 6455

864.0 keV (n,n') Level
Legendre Coefficients

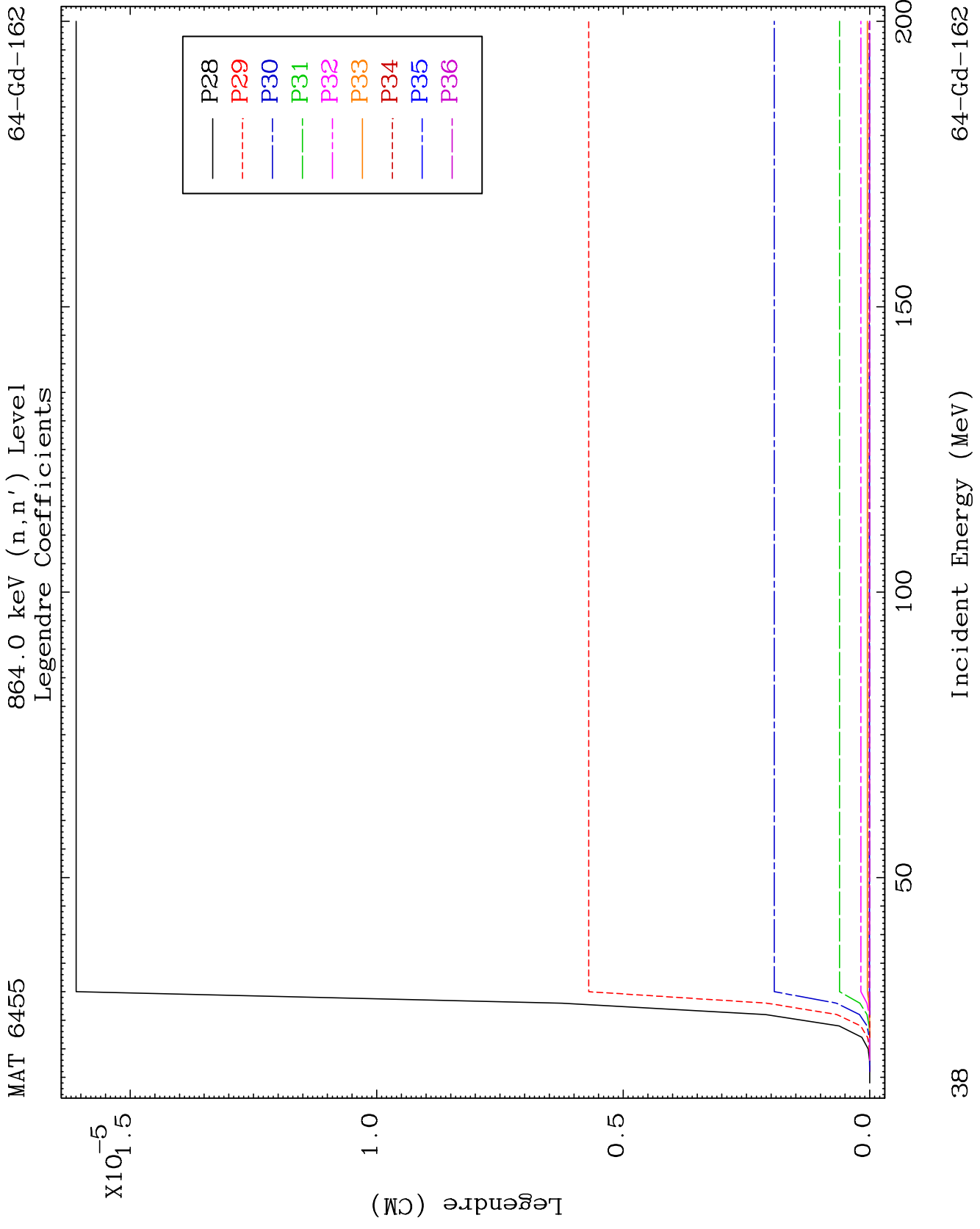
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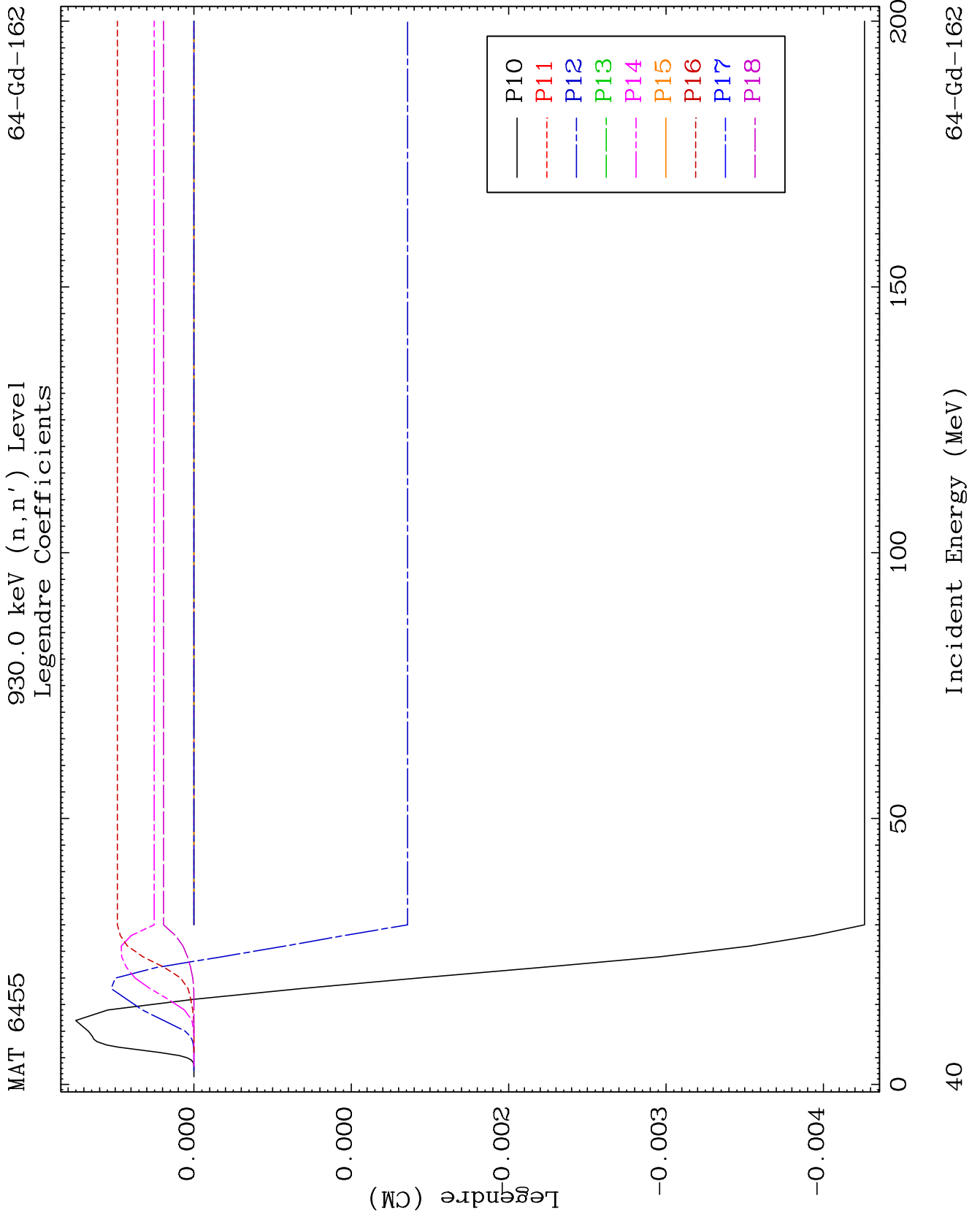


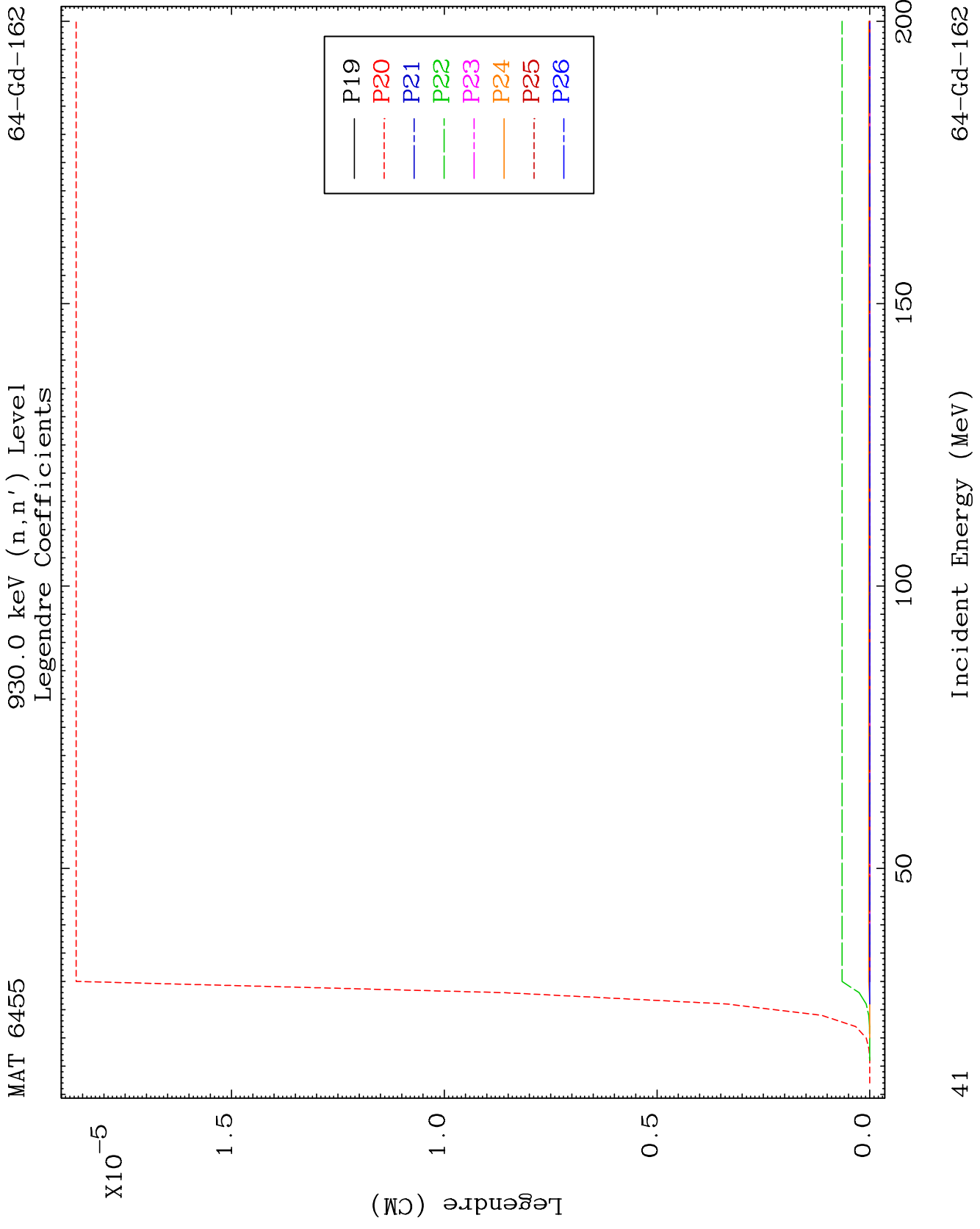
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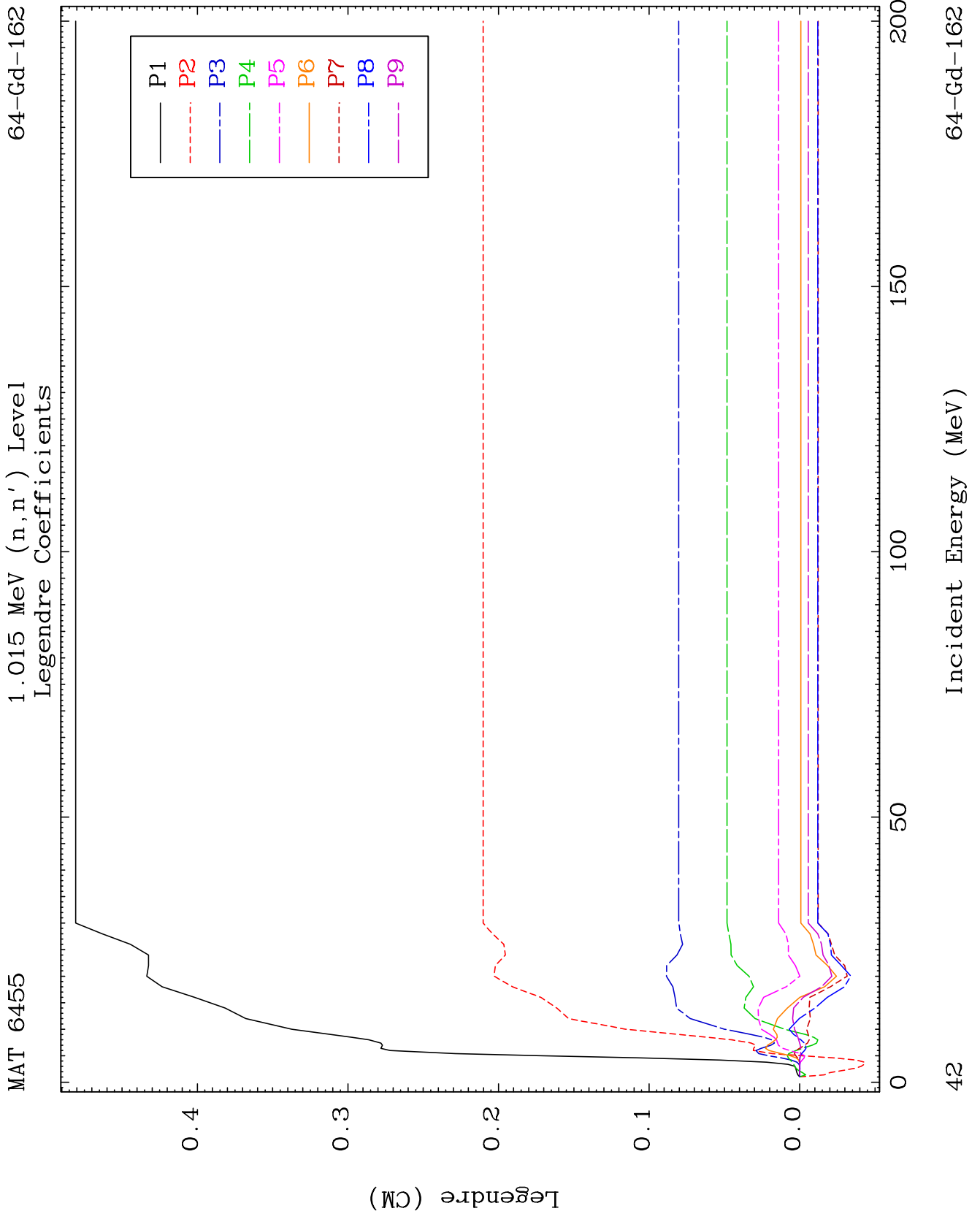
64-Gd-162

Incident Energy (MeV)





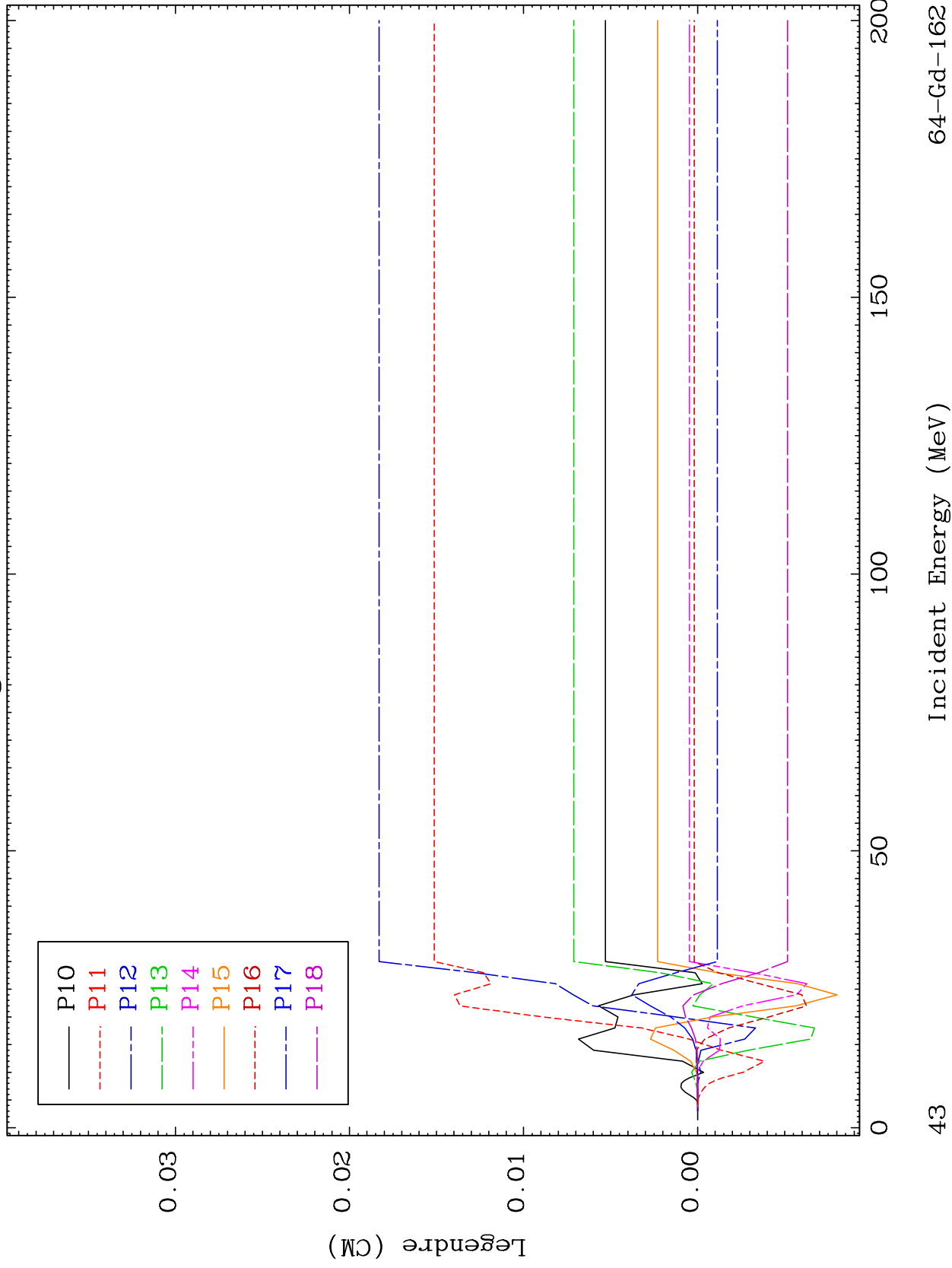




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1.015 MeV (n,n') Level
Legendre Coefficients

64-Gd-162



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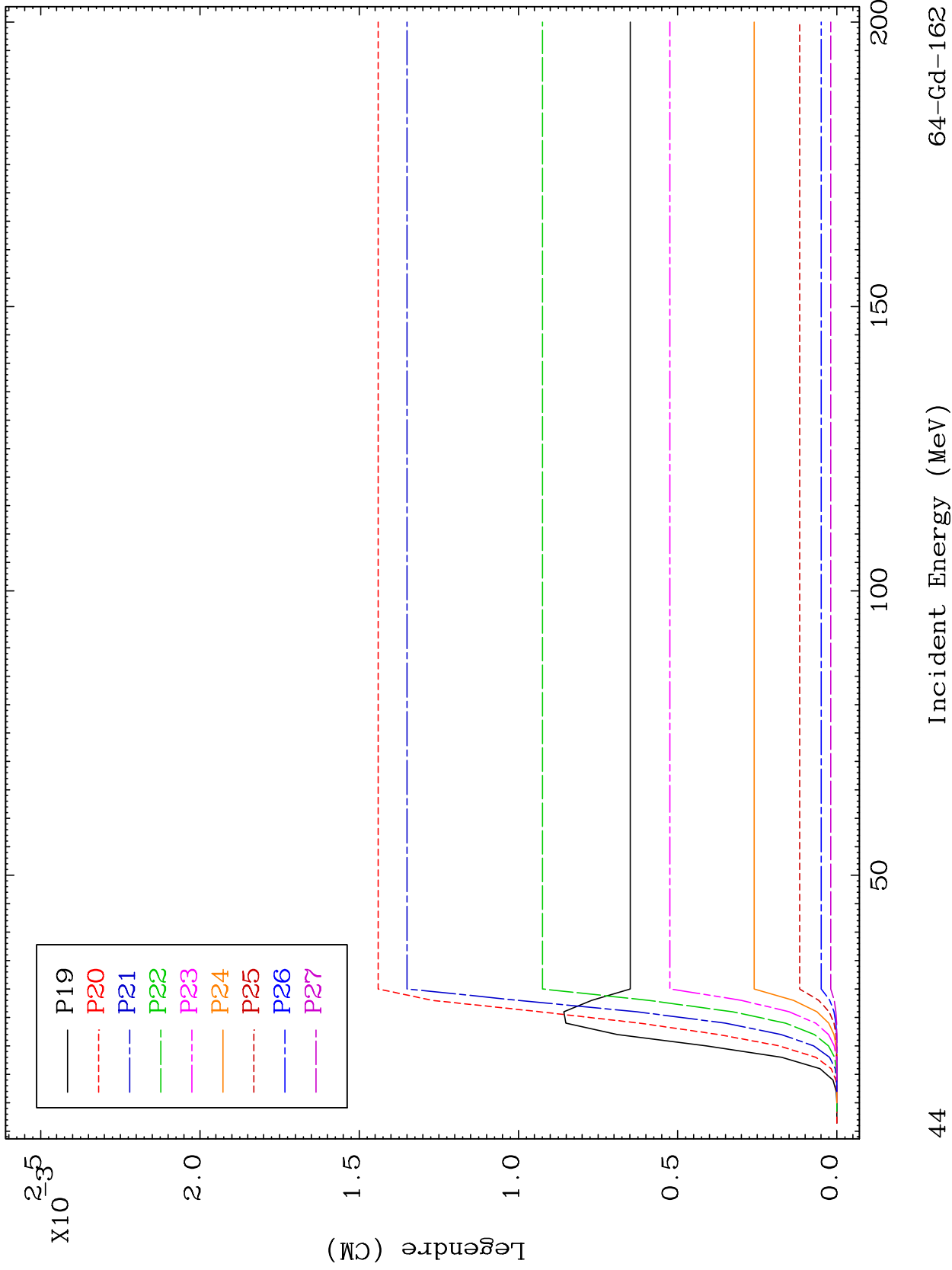
Incident Energy (MeV)

64-Gd-162

MAT 6455

1.015 MeV (n,n') Level
Legendre Coefficients

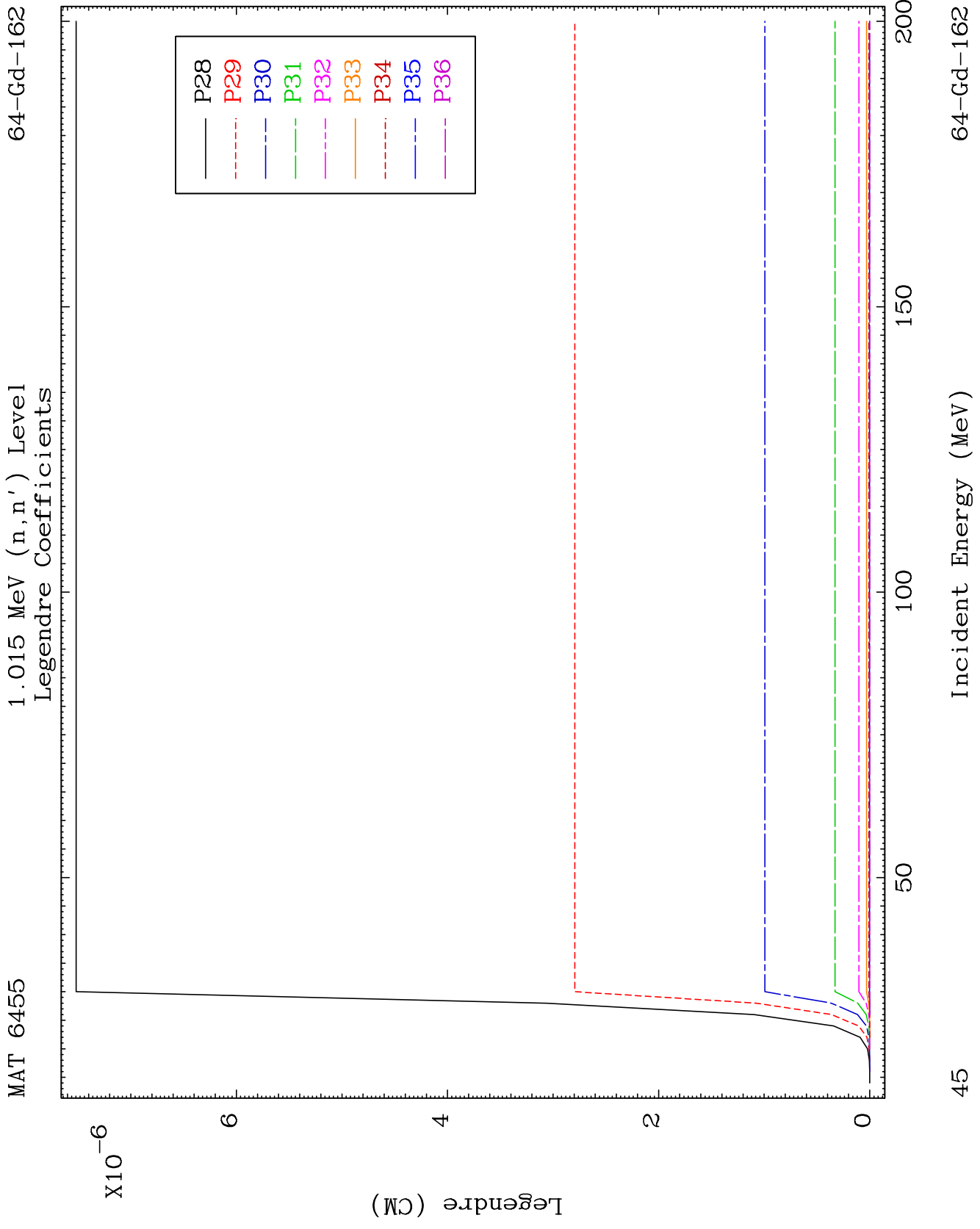
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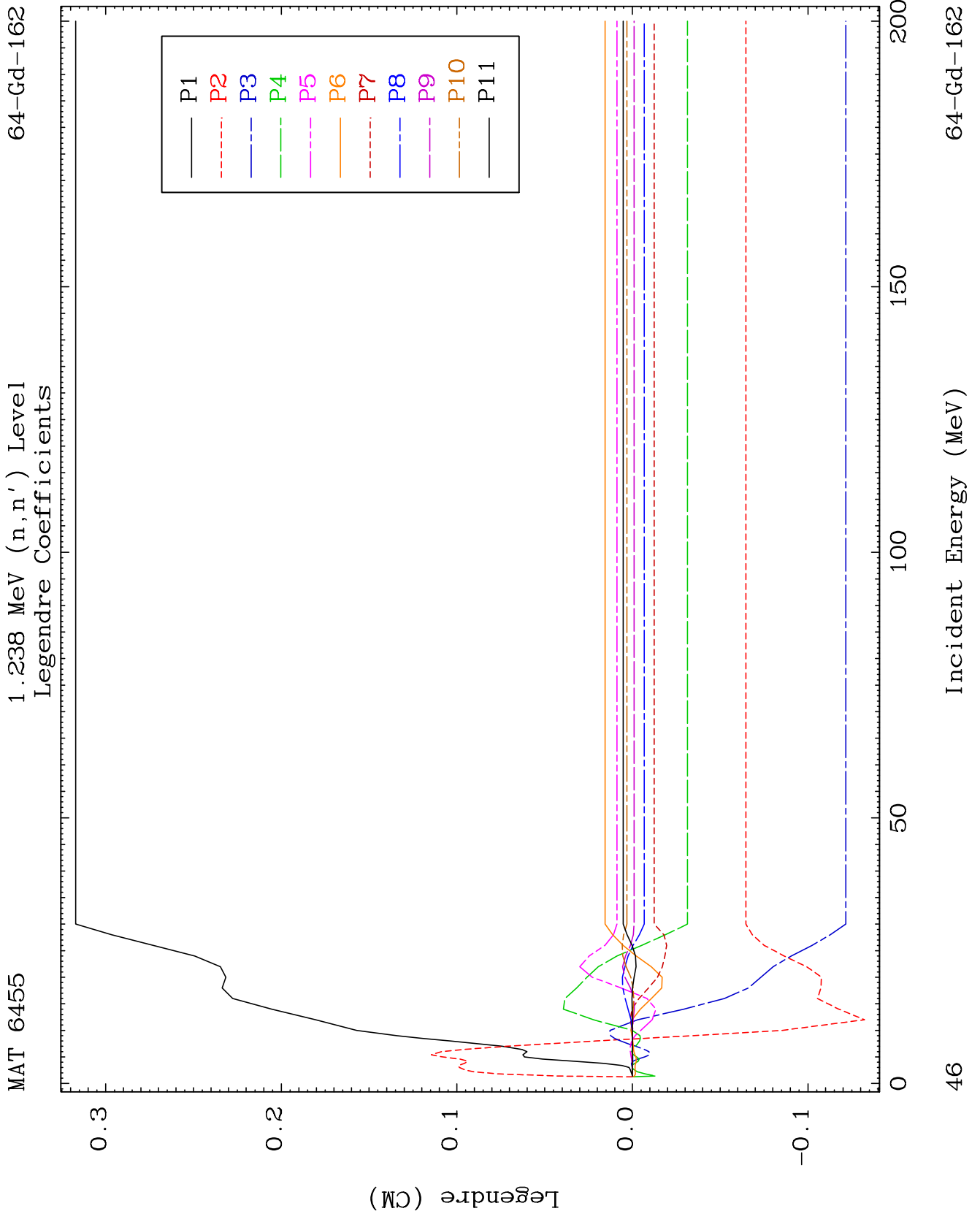


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Incident Energy (MeV)

64-Gd-162

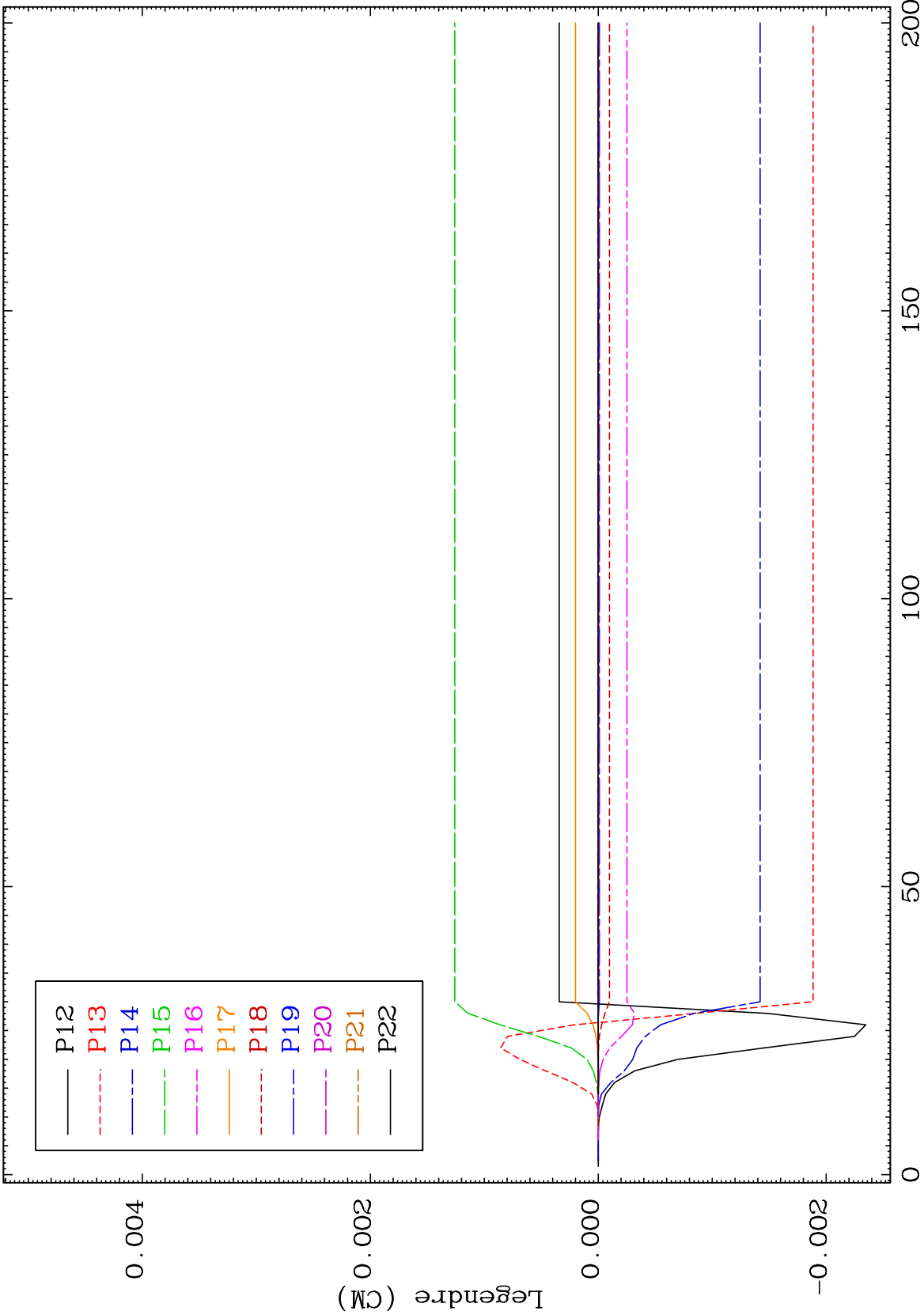




MAT 6455

1.238 MeV (n,n') Level
Legendre Coefficients

64-Gd-162



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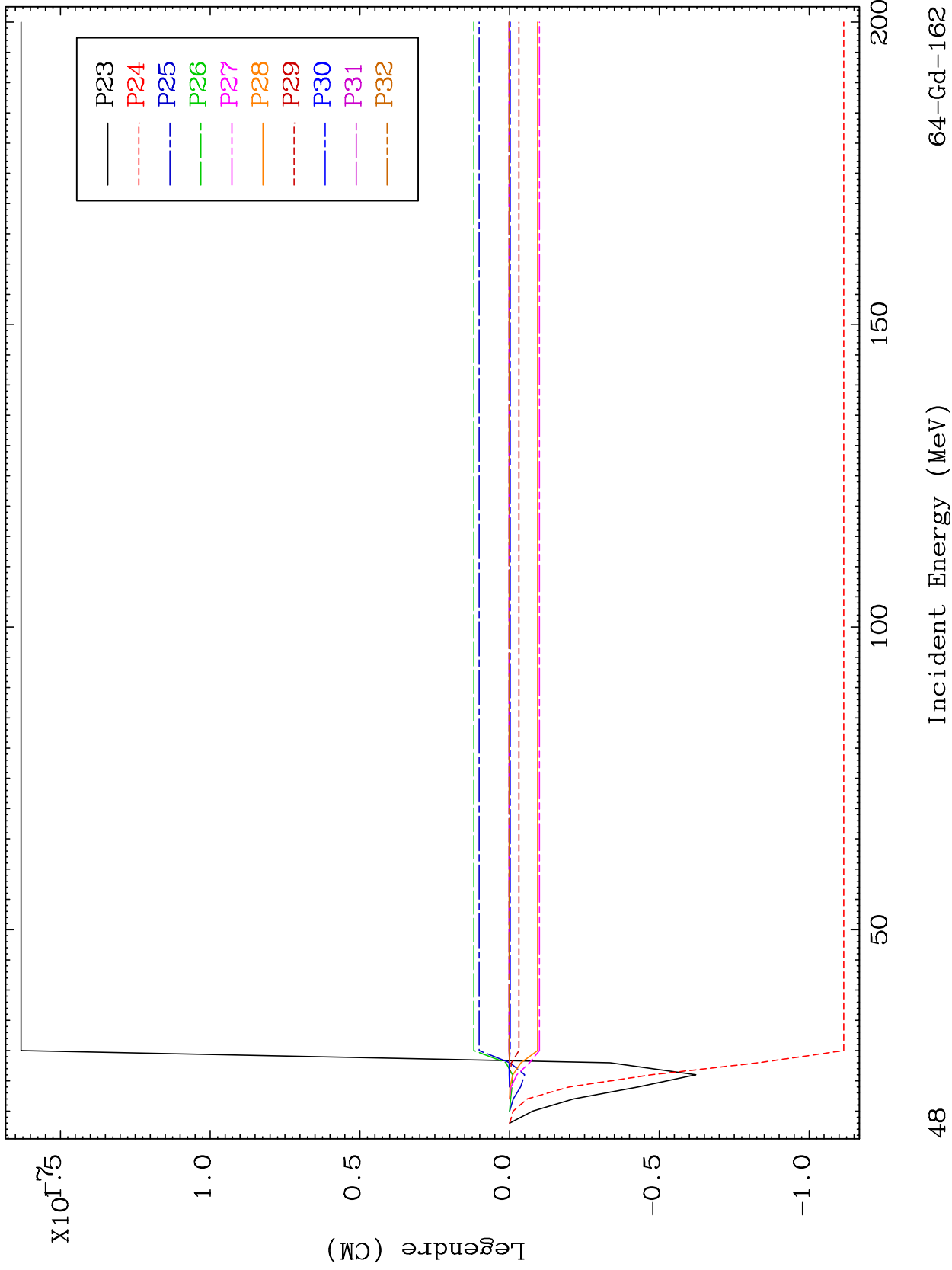
Incident Energy (MeV)

64-Gd-162

MAT 6455

1.238 MeV (n,n') Level
Legendre Coefficients

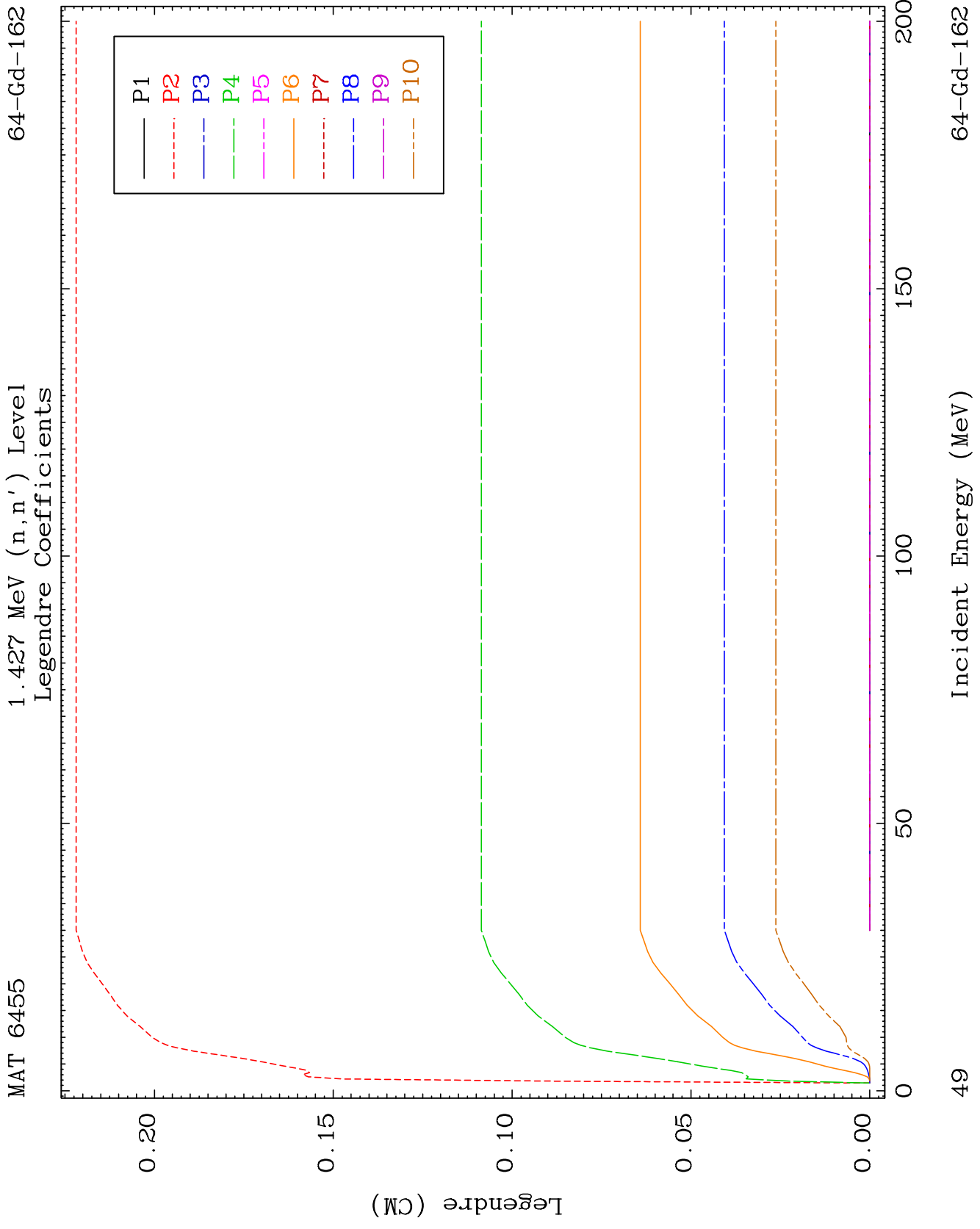
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Incident Energy (MeV)

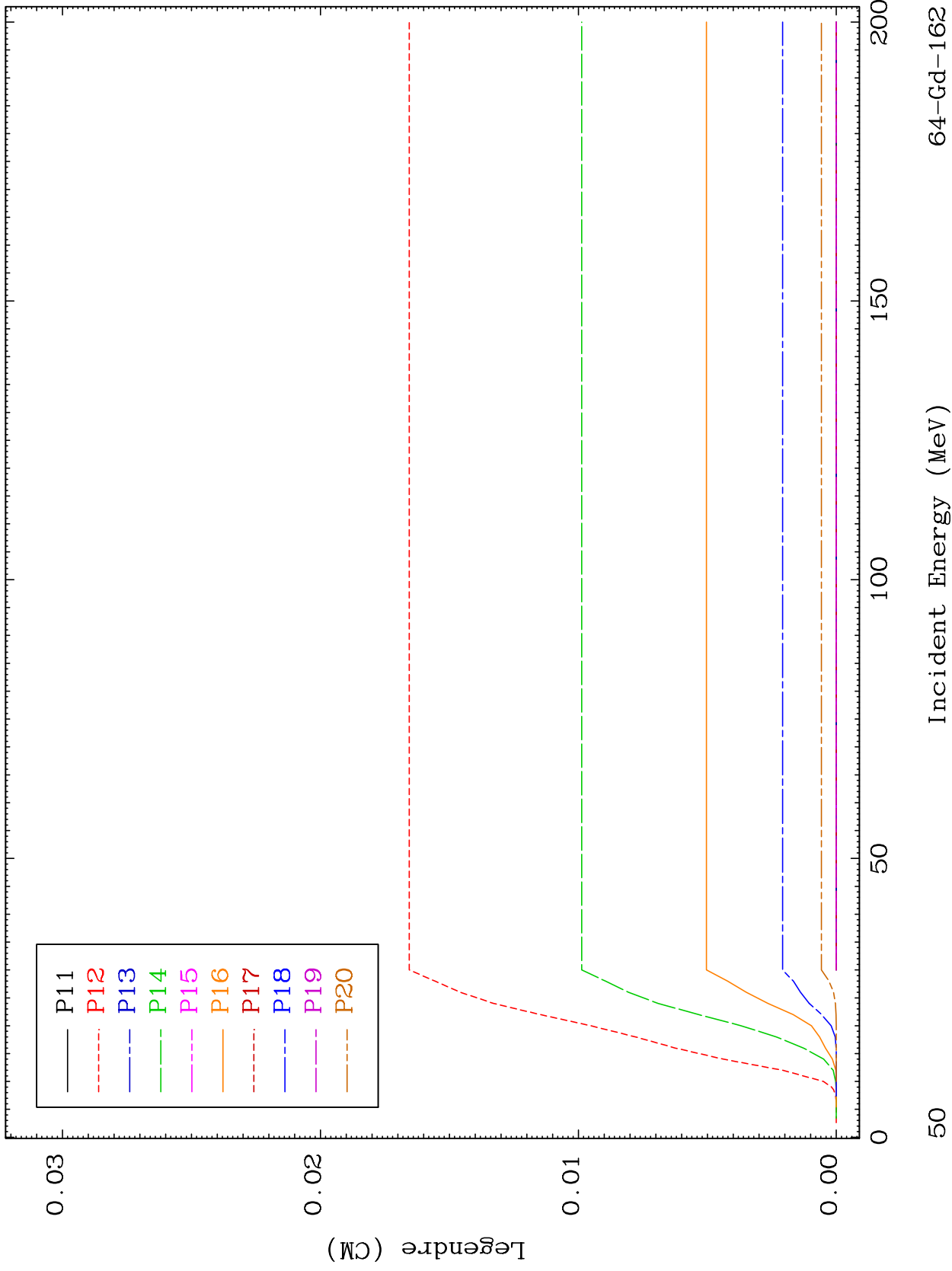
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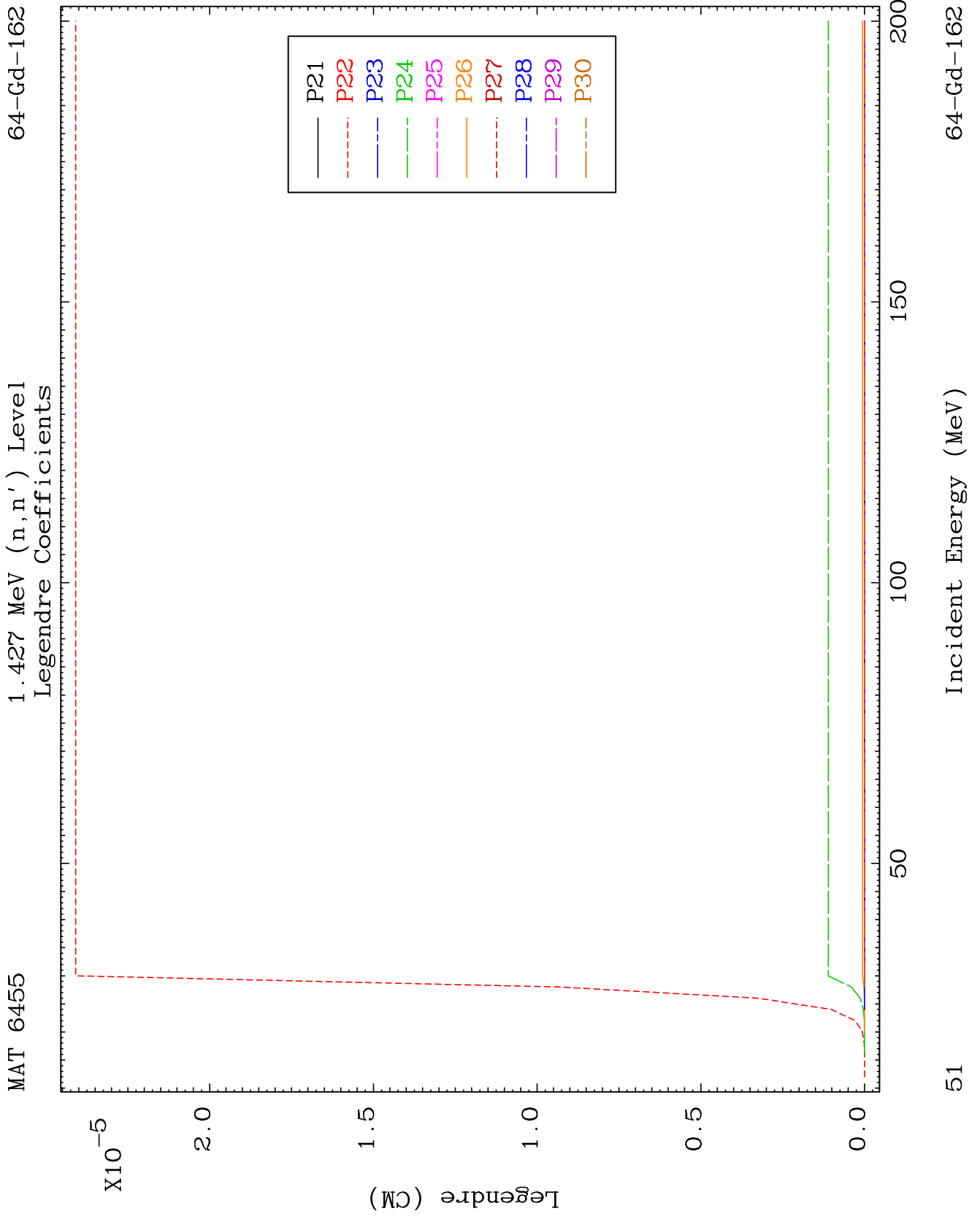
MAT 6455

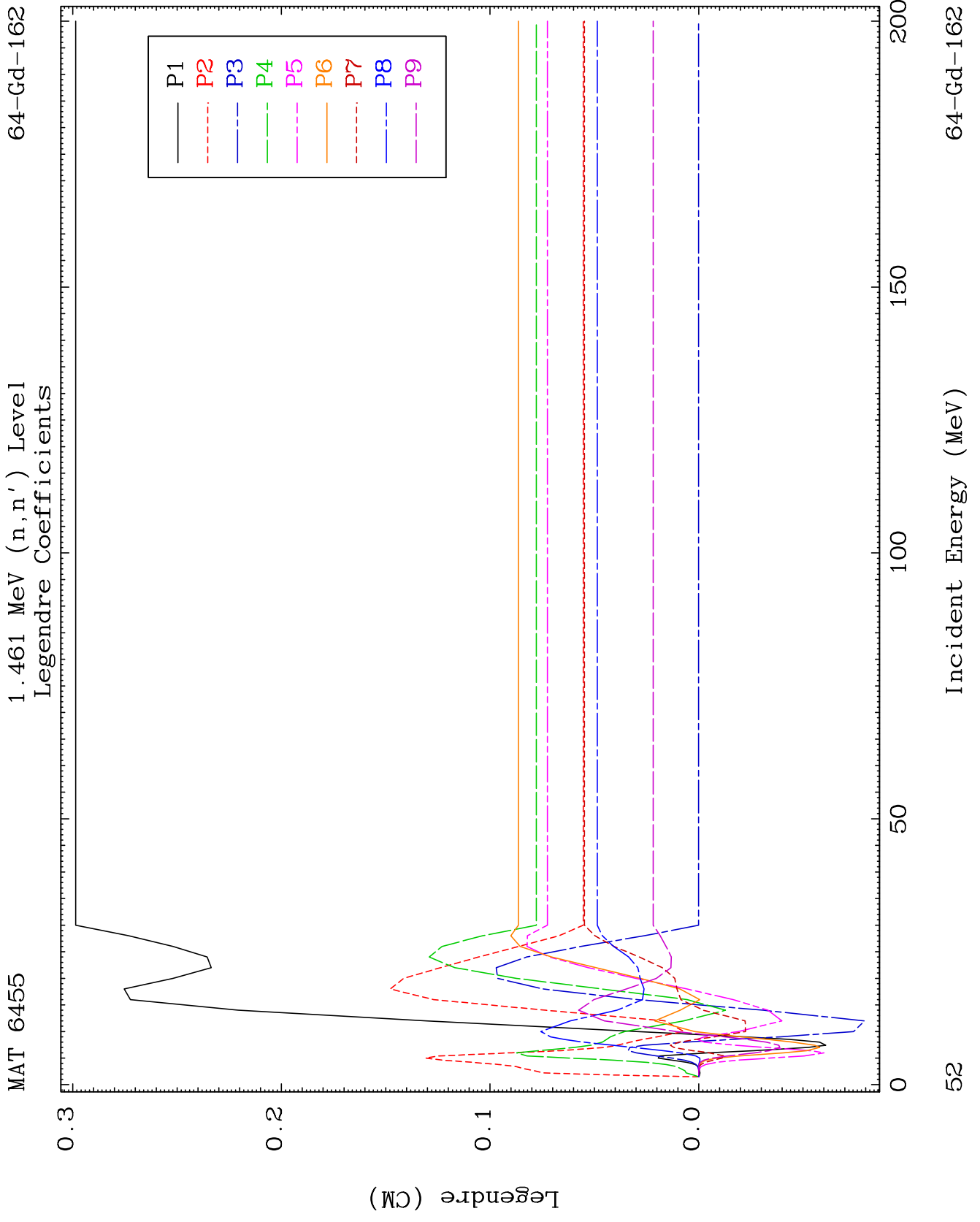
1.427 MeV (n,n') Level
Legendre Coefficients

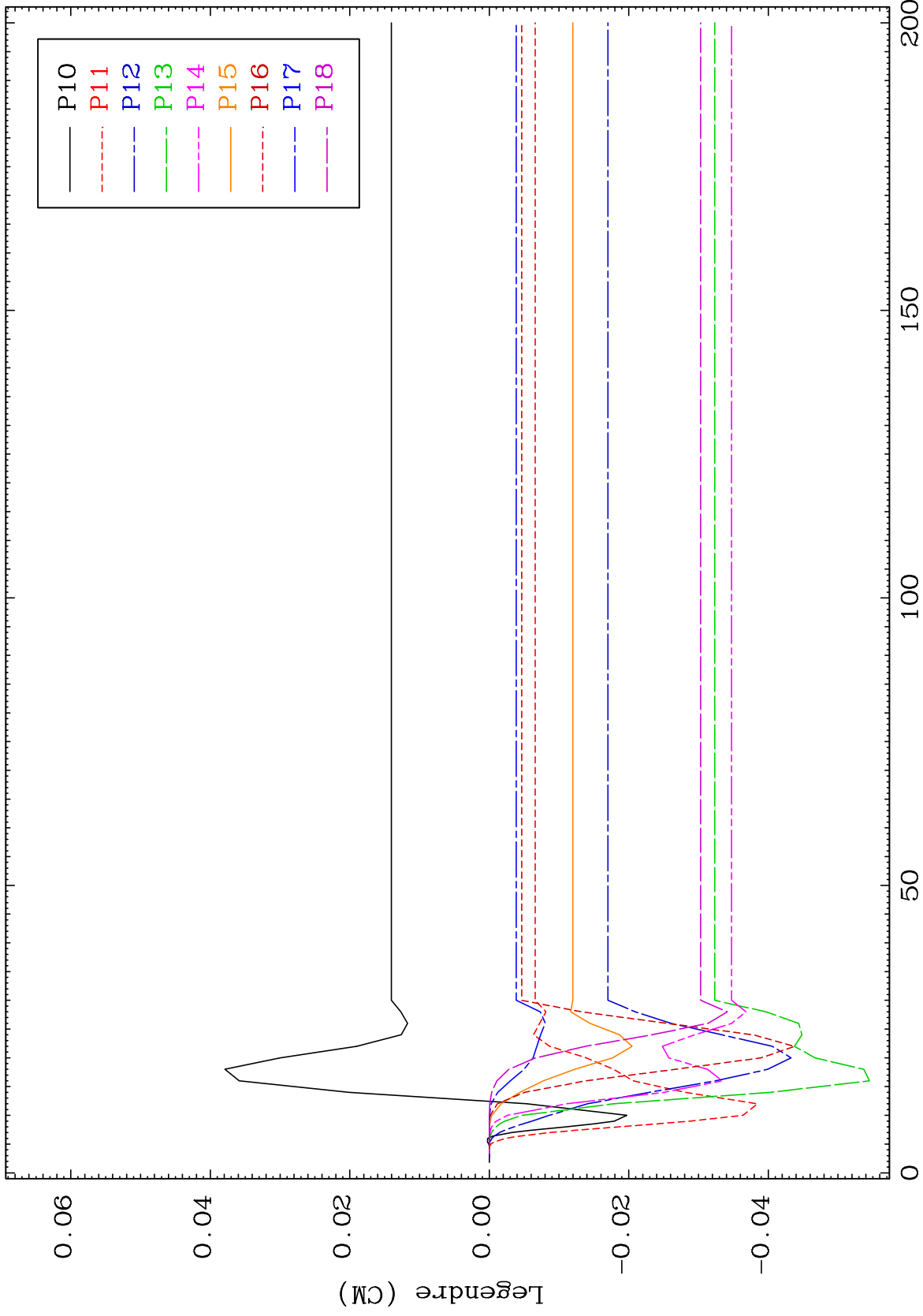
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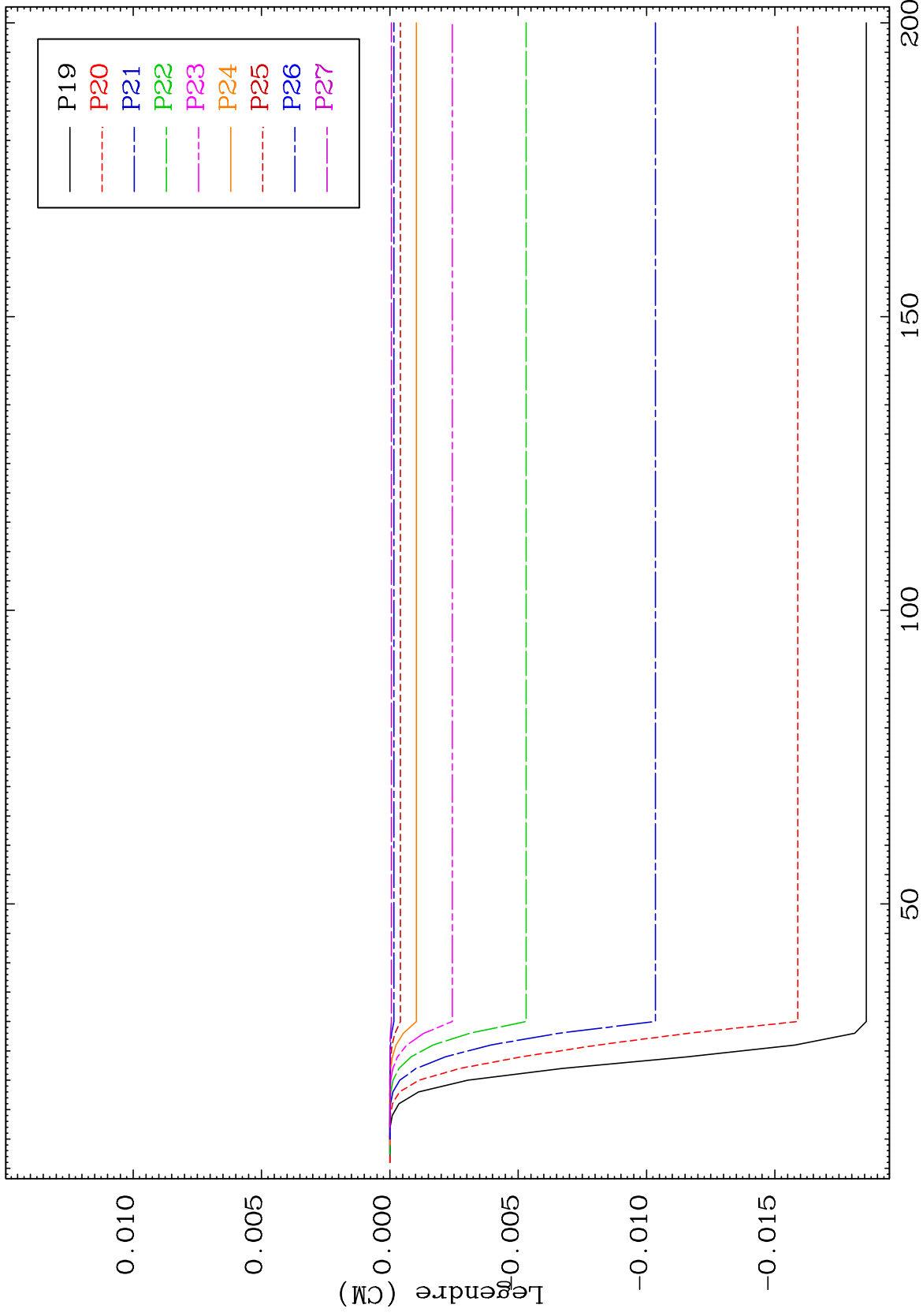


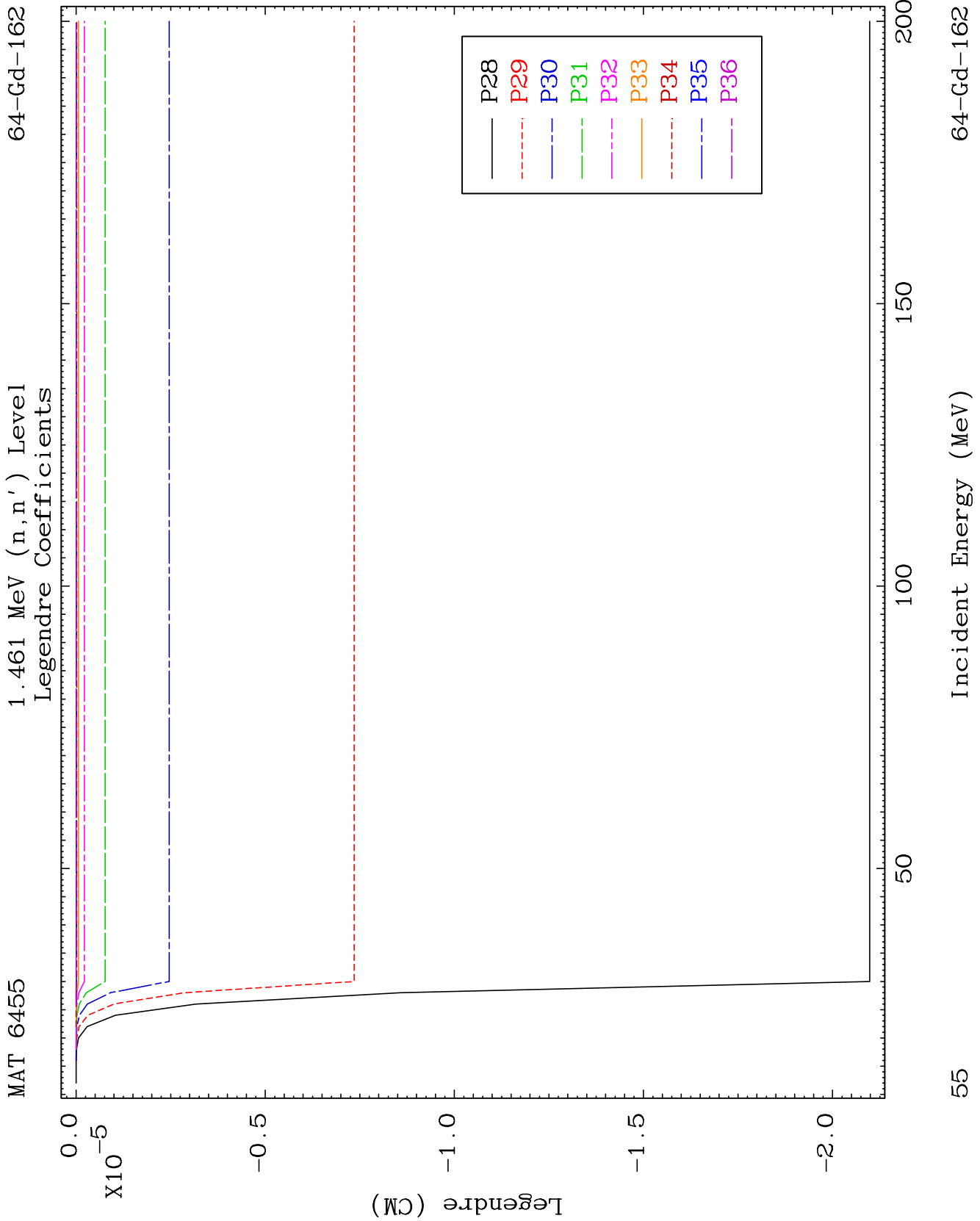
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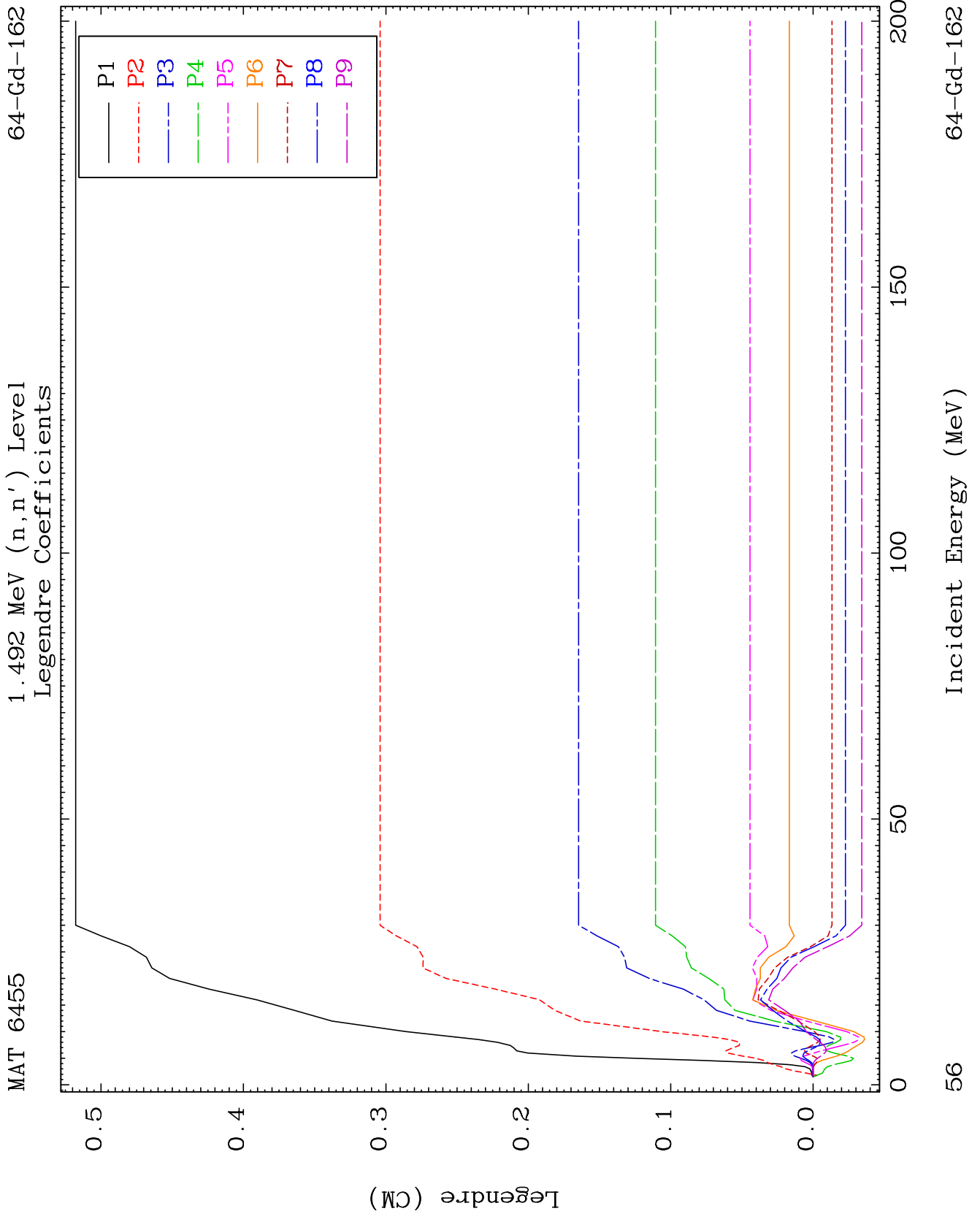


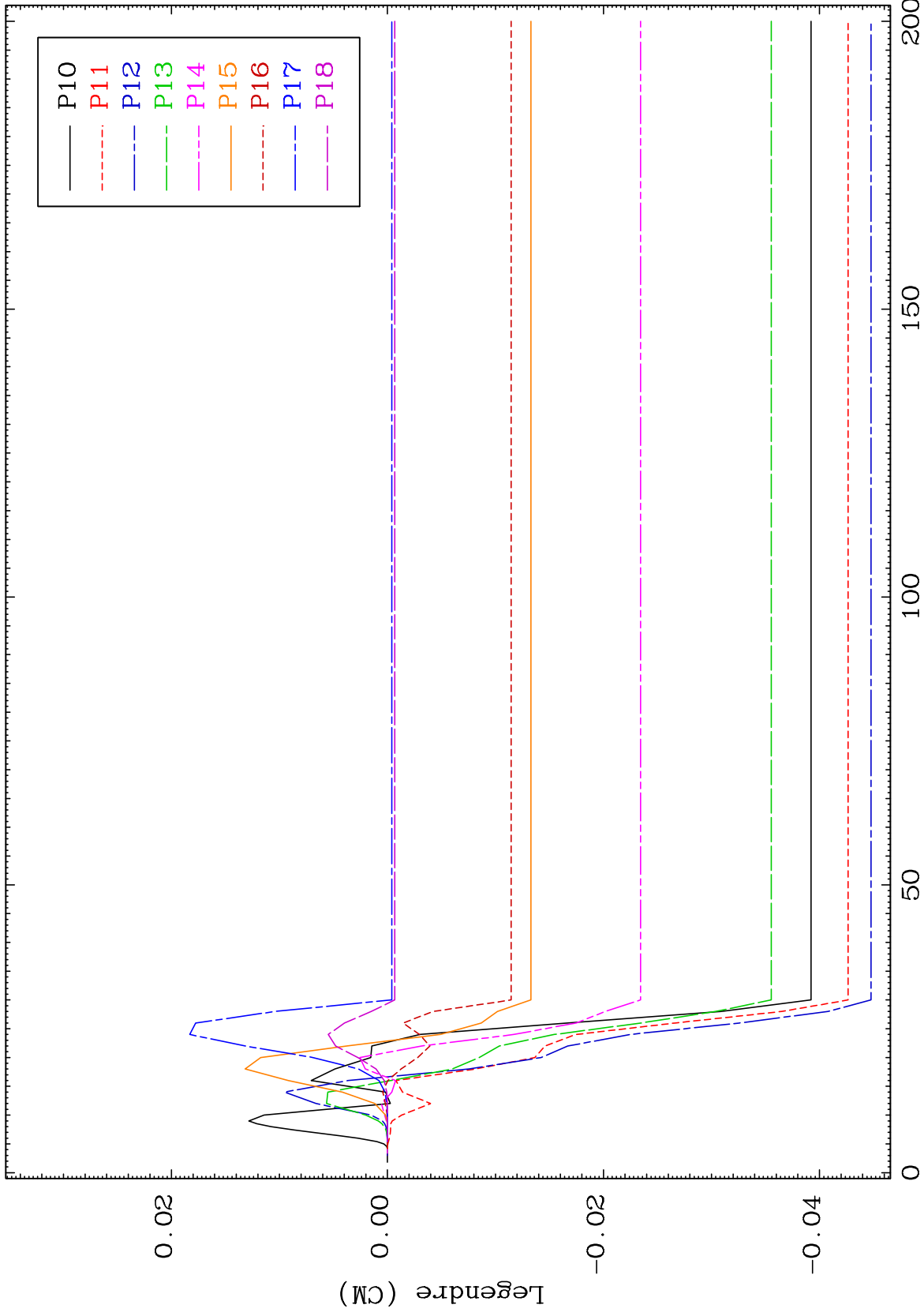


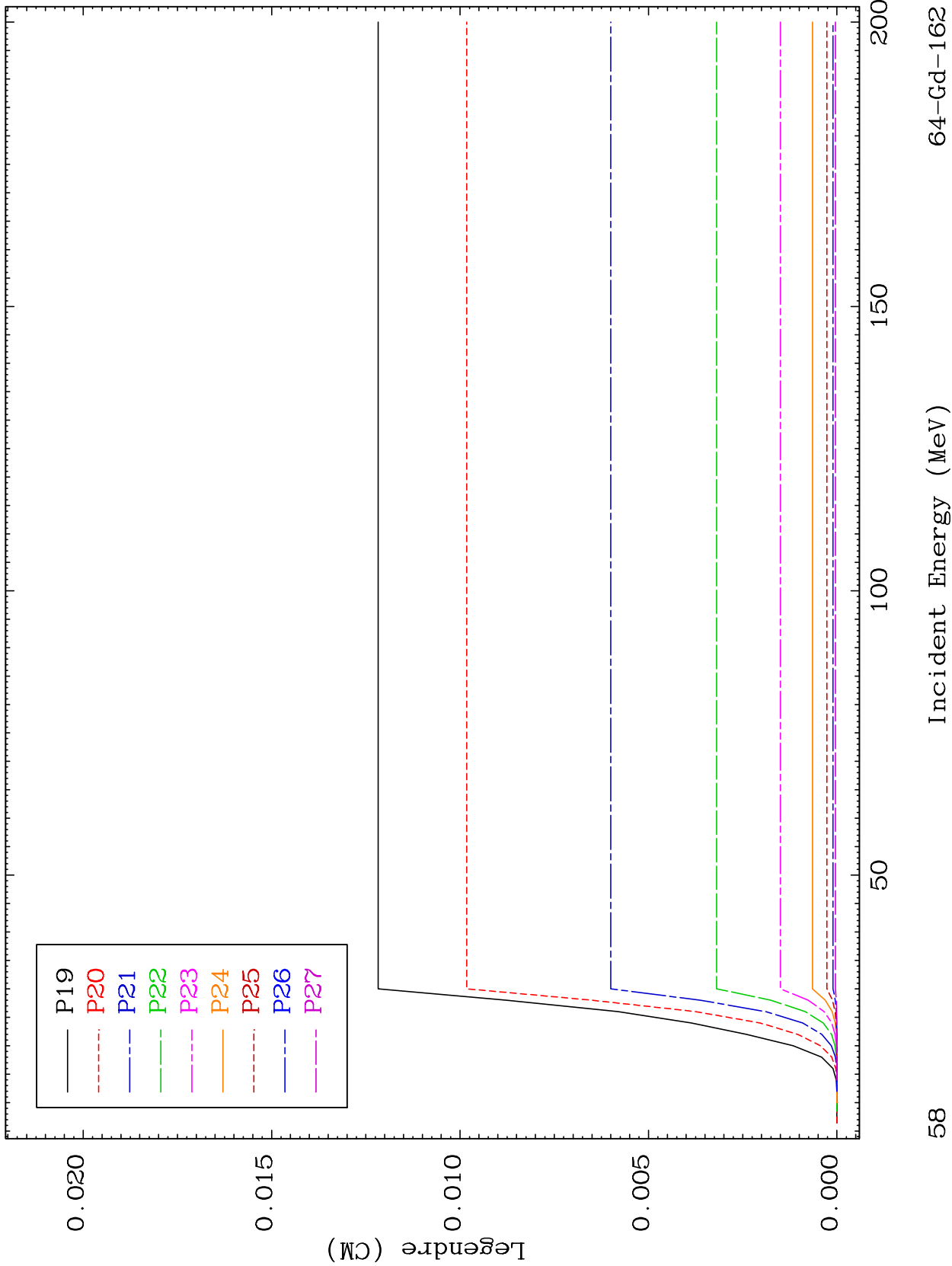


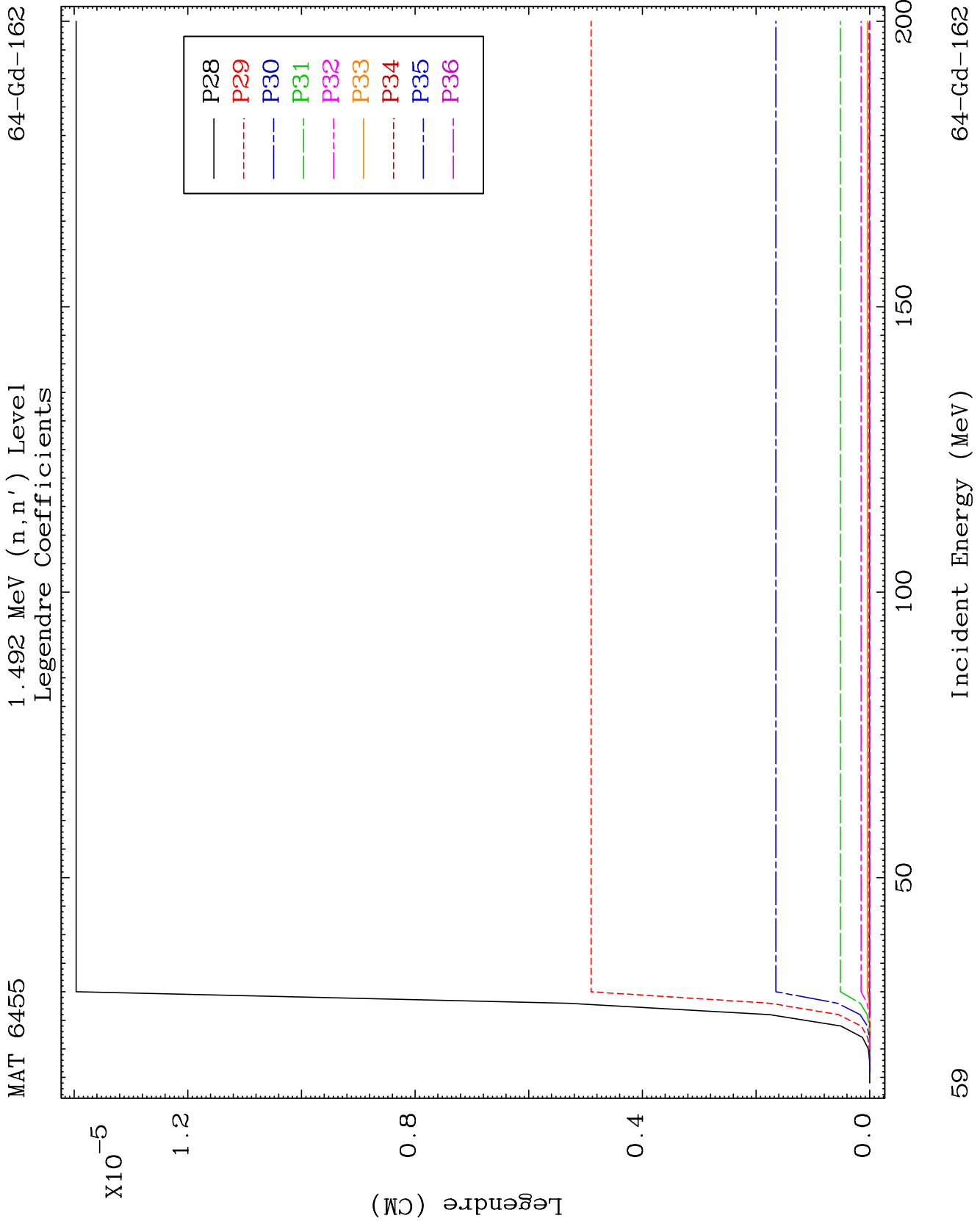








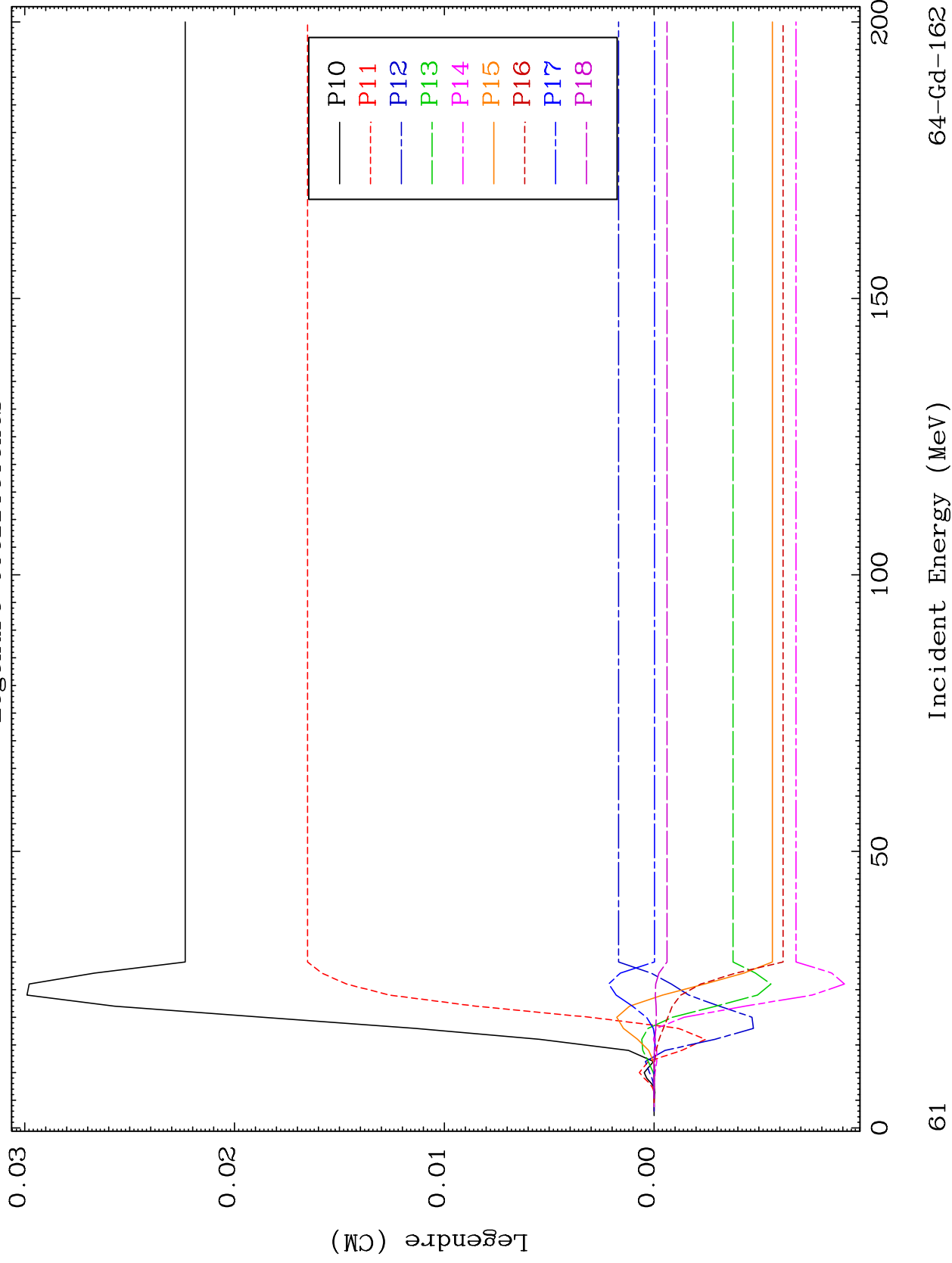




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1.641 MeV (n,n') Level
Legendre Coefficients

64-Gd-162



61

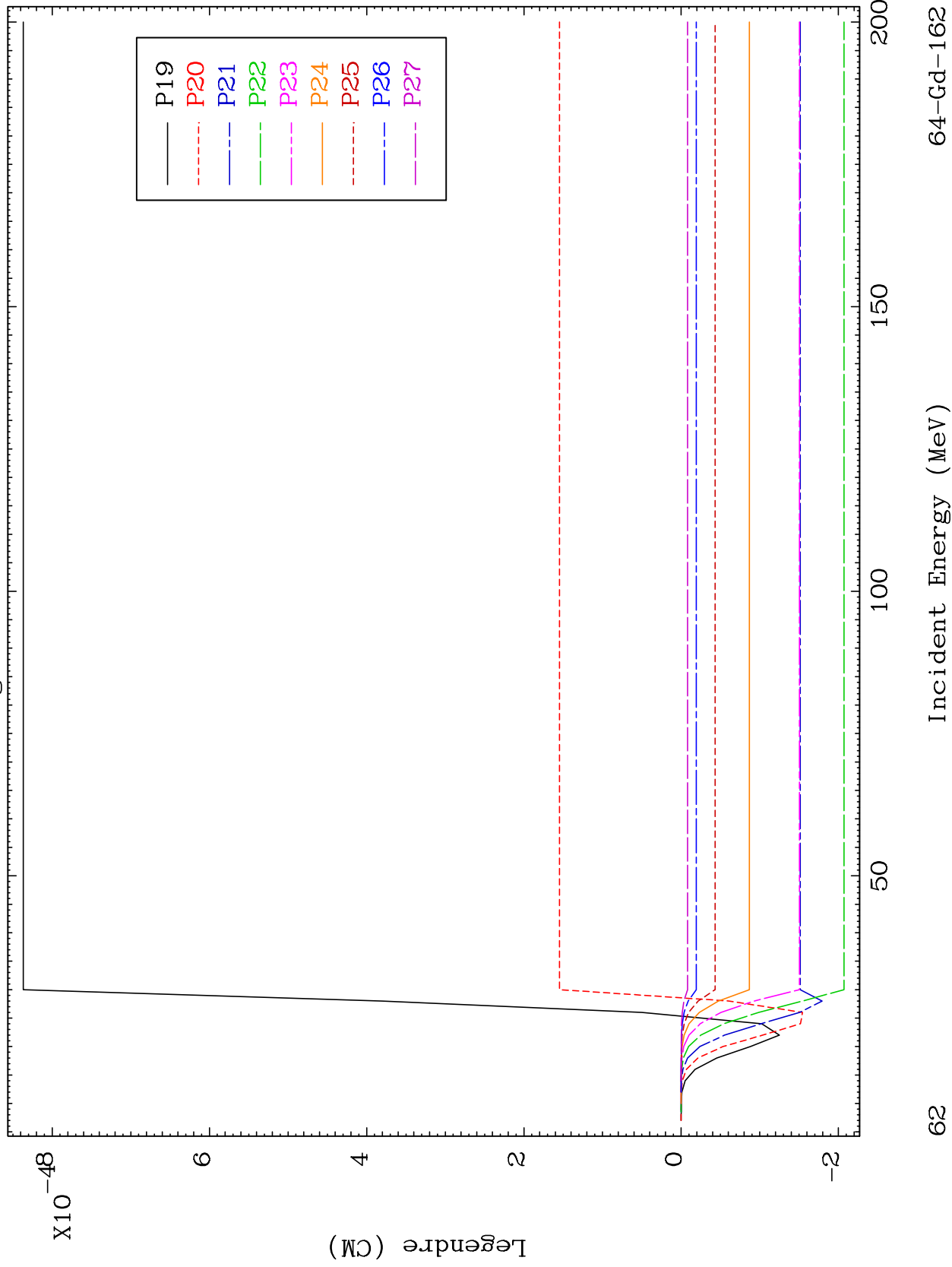
Incident Energy (MeV)

64-Gd-162

MAT 6455

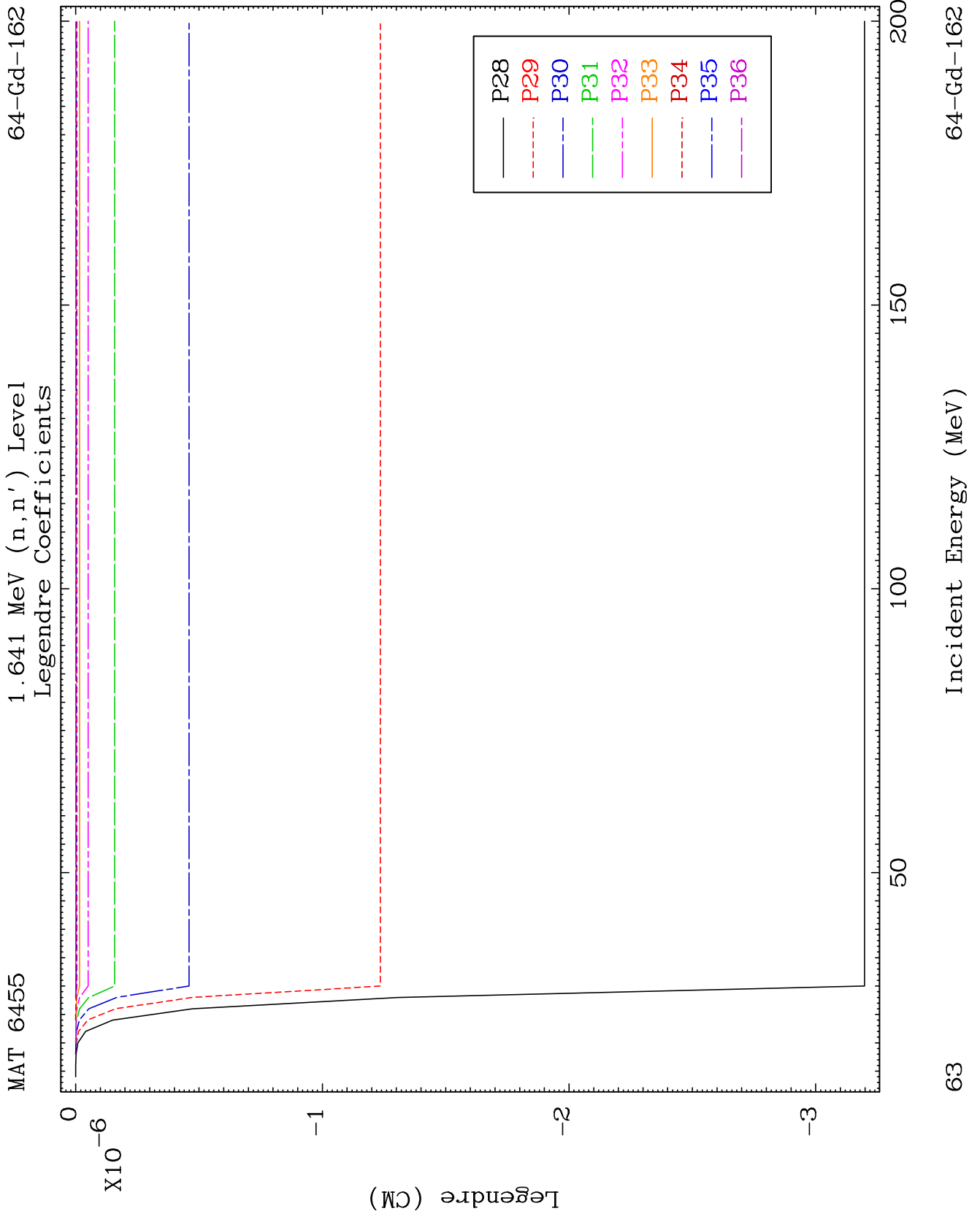
1.641 MeV (n, n') Level
Legendre Coefficients

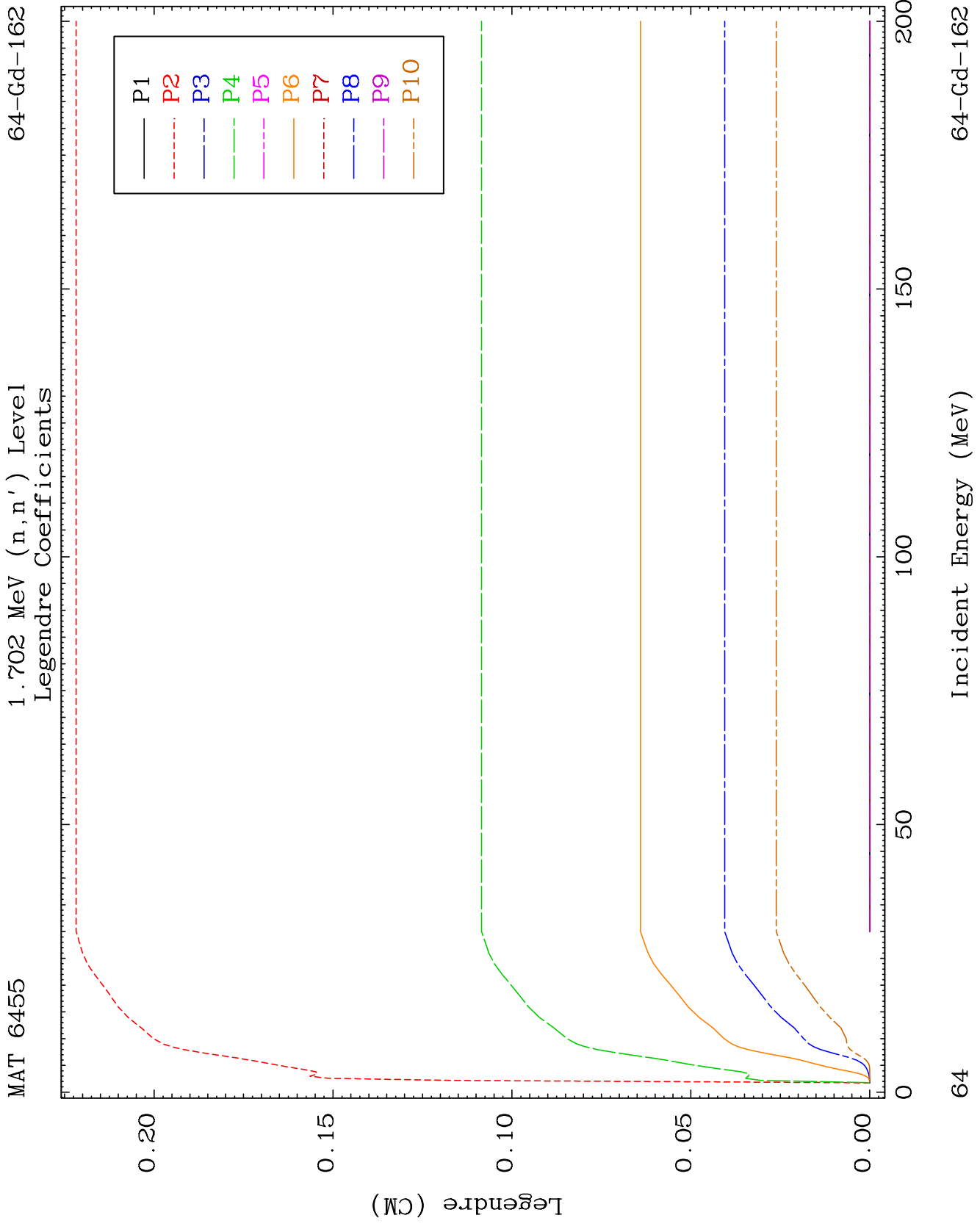
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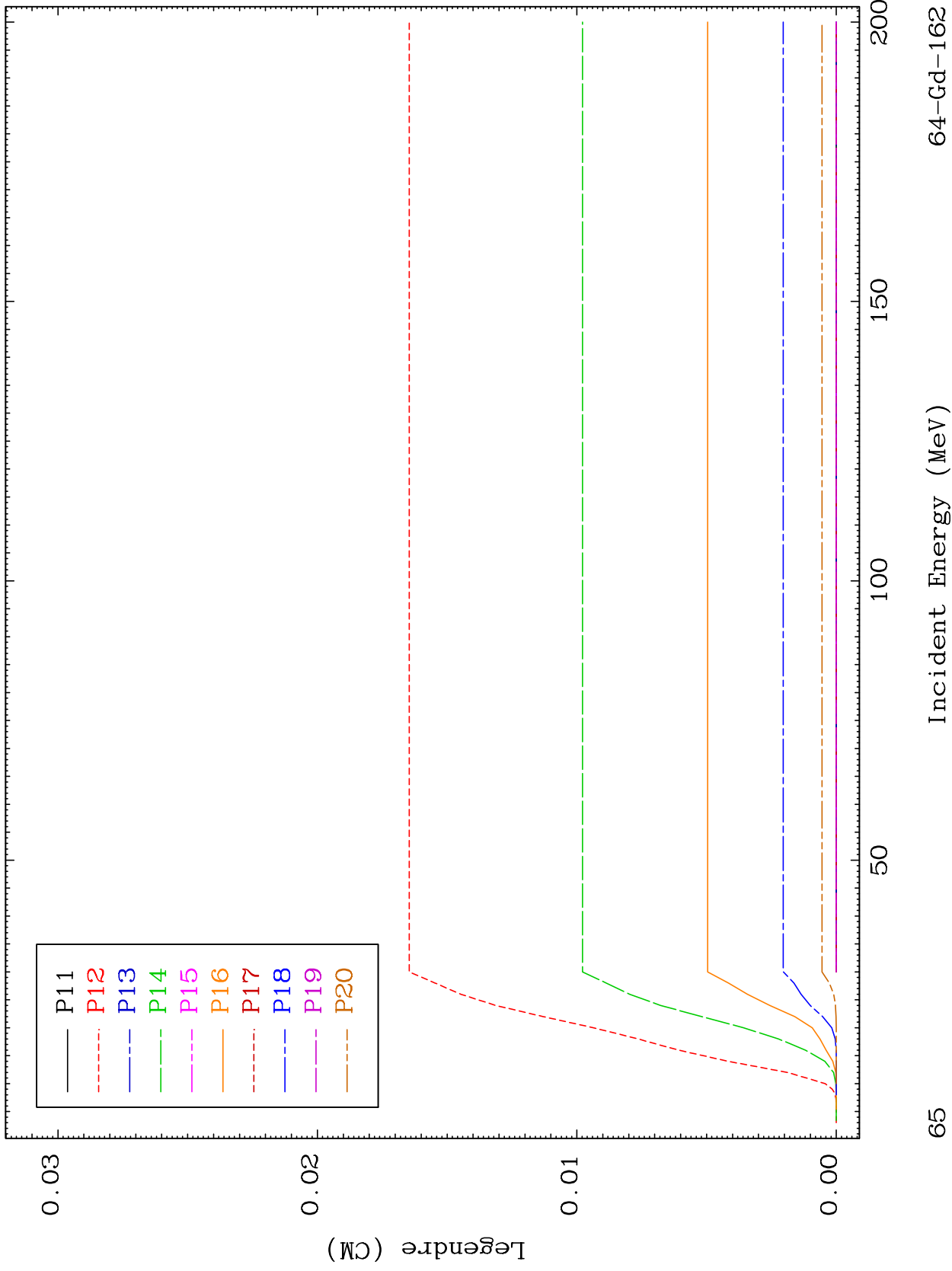


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64-Gd-162



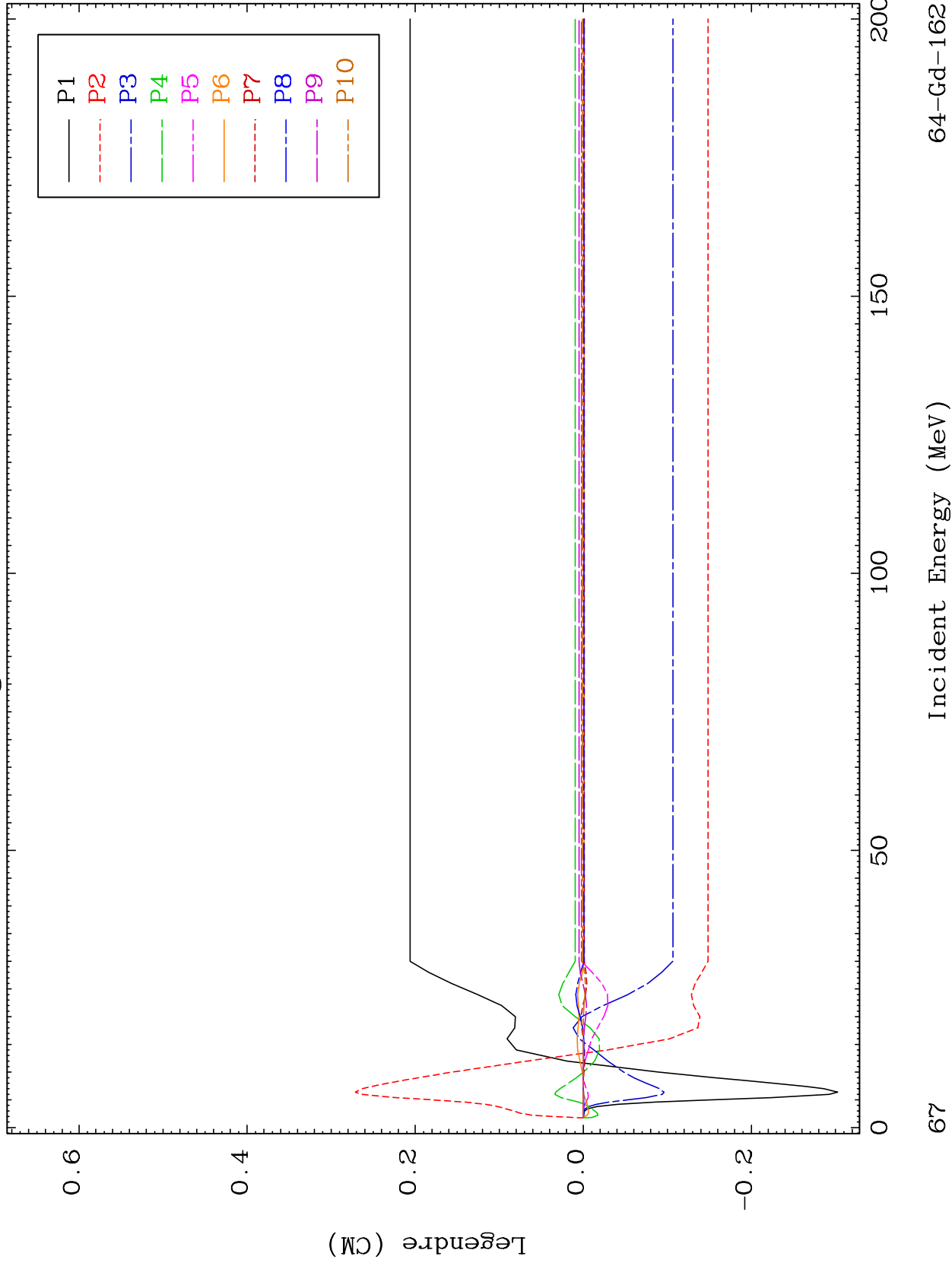




MAT 6455

1.719 MeV (n,n') Level
Legendre Coefficients

64-Gd-162



64-Gd-162

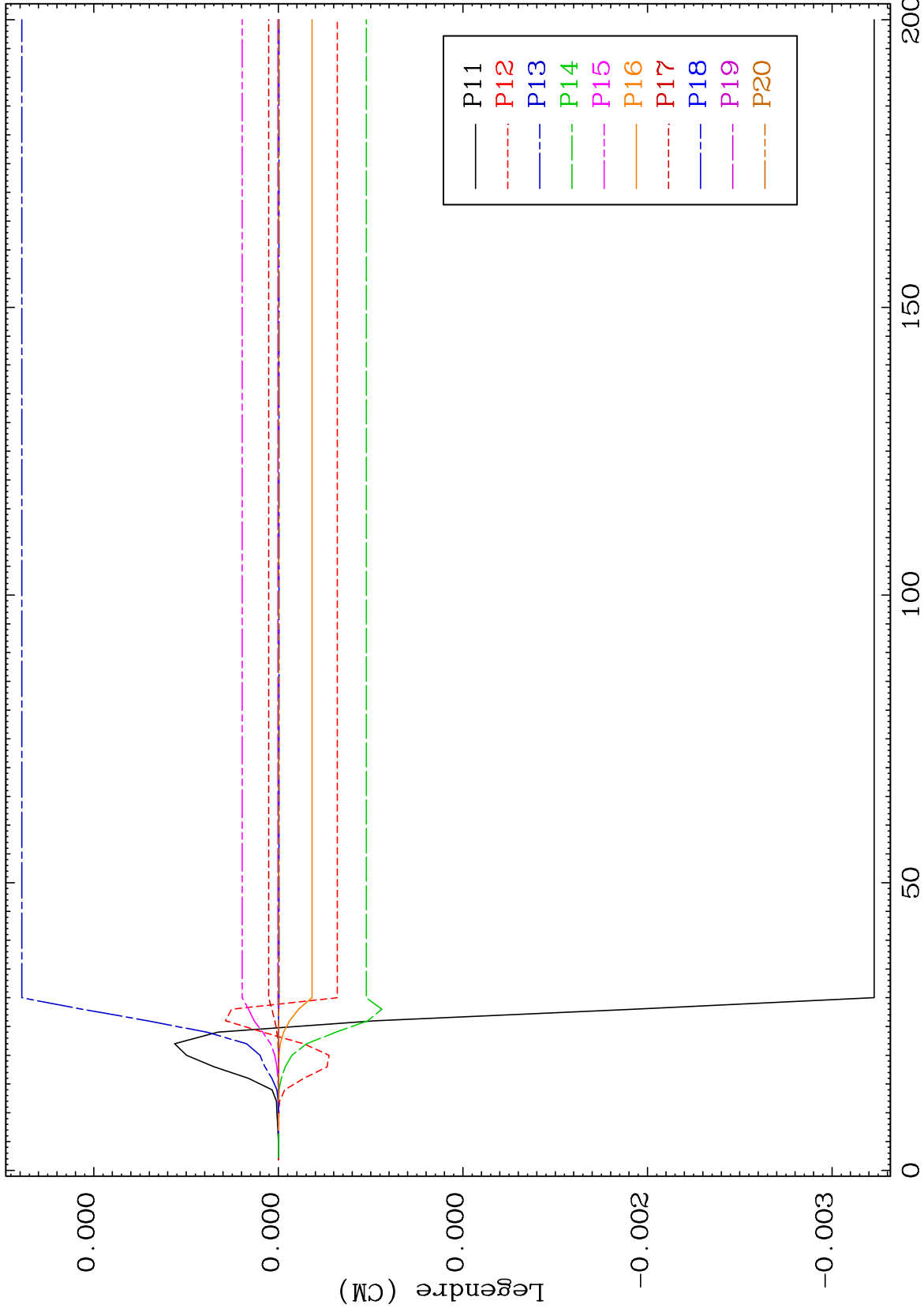
Incident Energy (MeV)

67

MAT 6455

1.719 MeV (n,n') Level
Legendre Coefficients

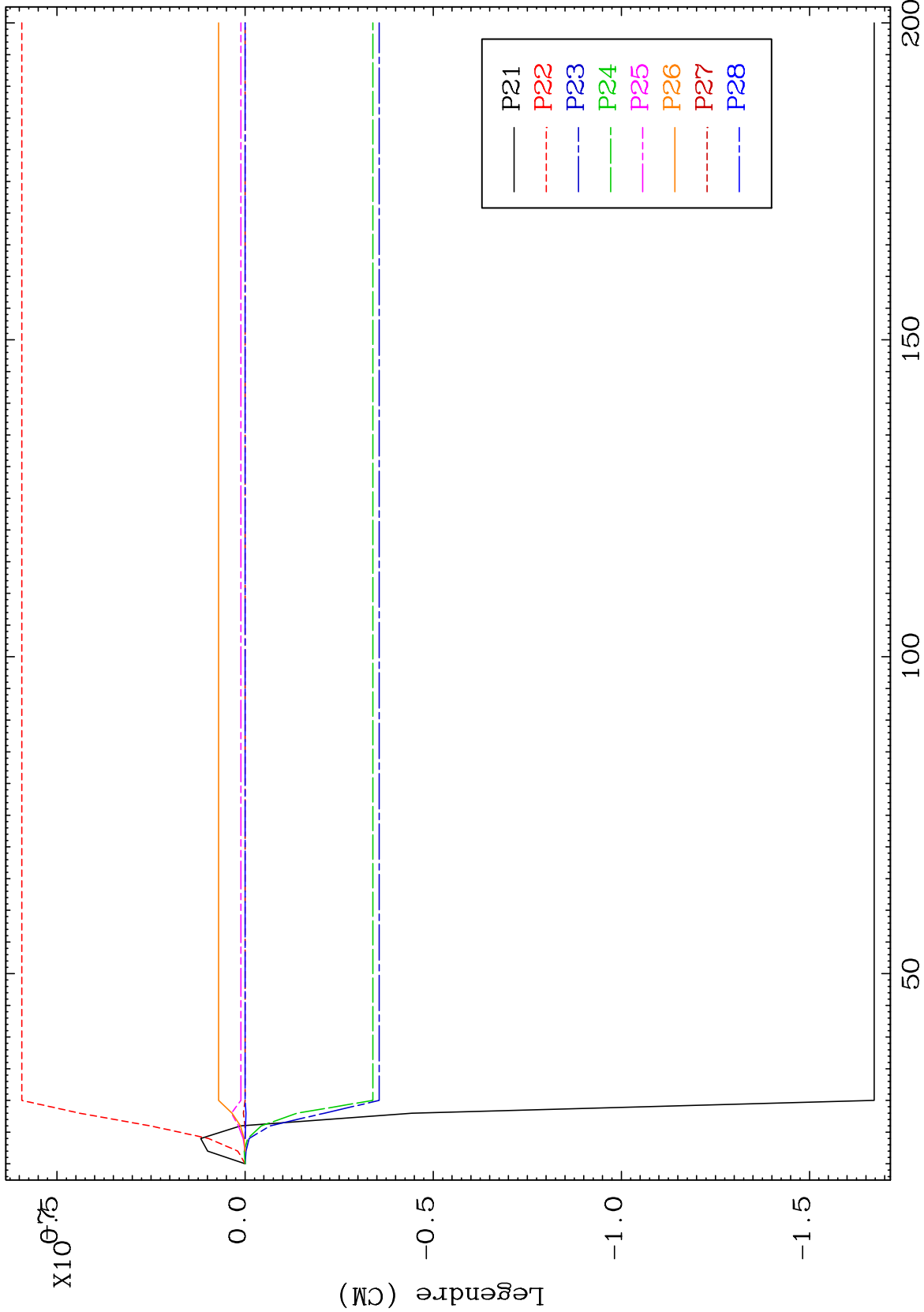
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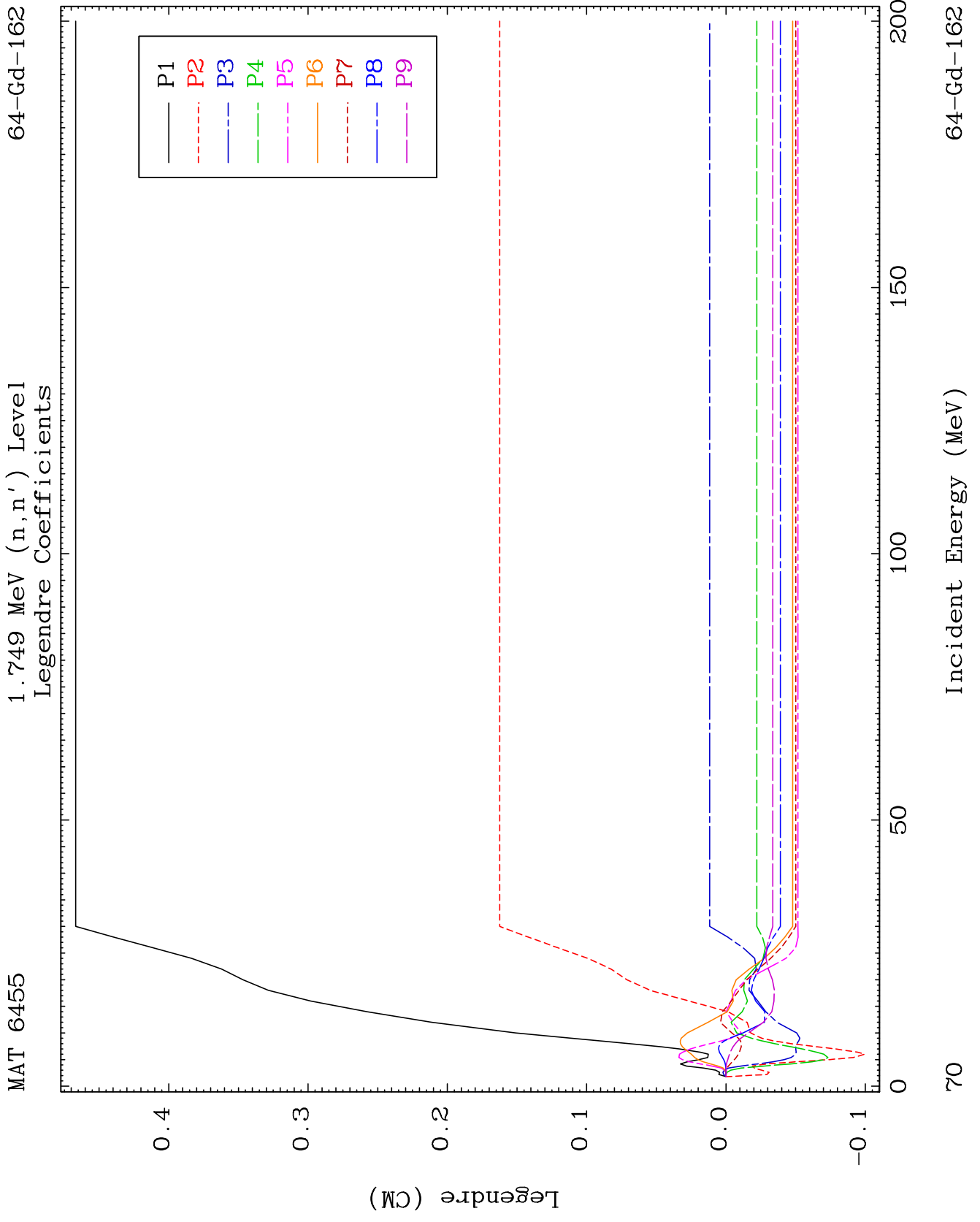


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Incident Energy (MeV)

64-Gd-162

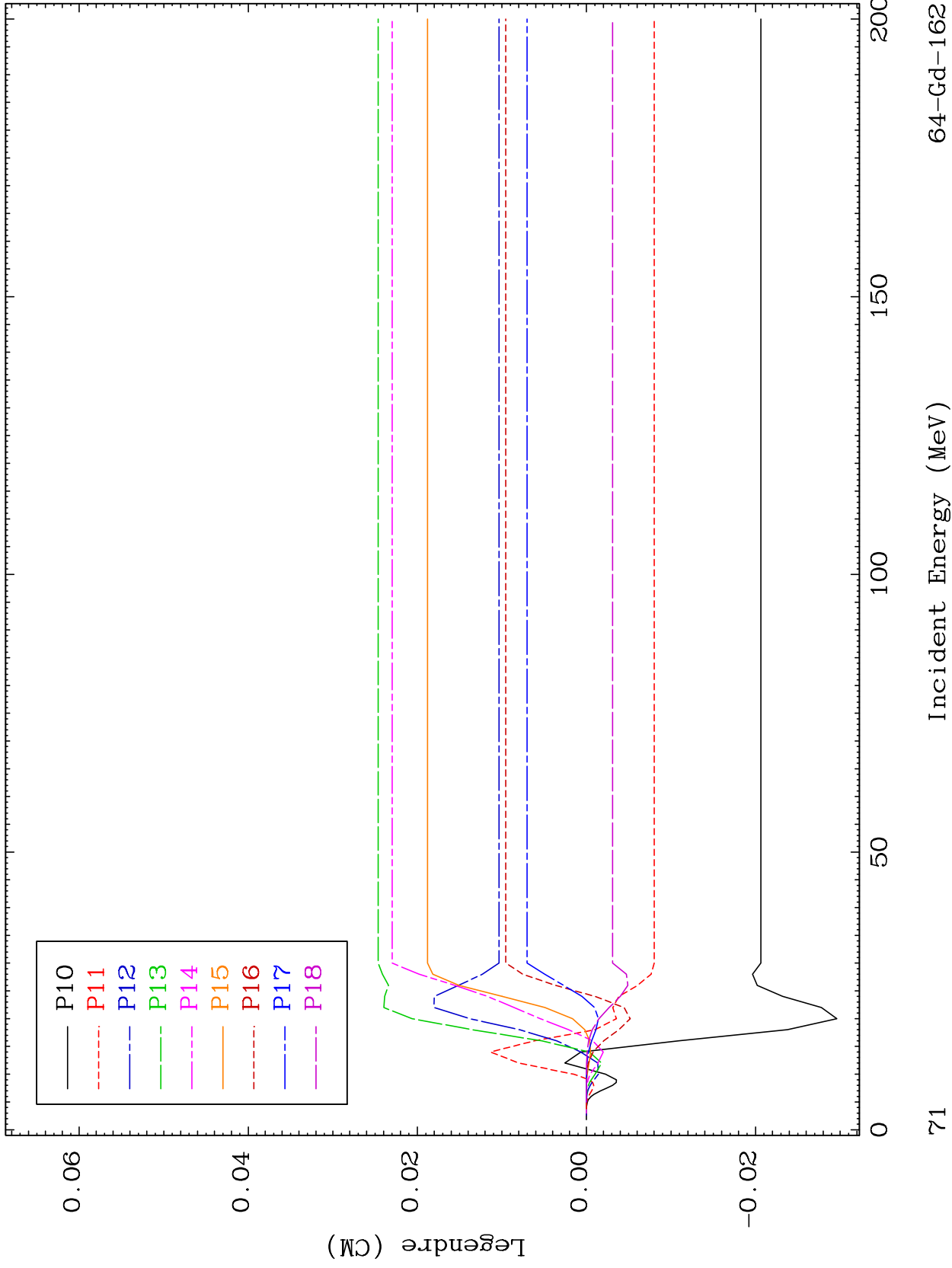




MAT 6455

1.749 MeV (n,n') Level
Legendre Coefficients

64-Gd-162



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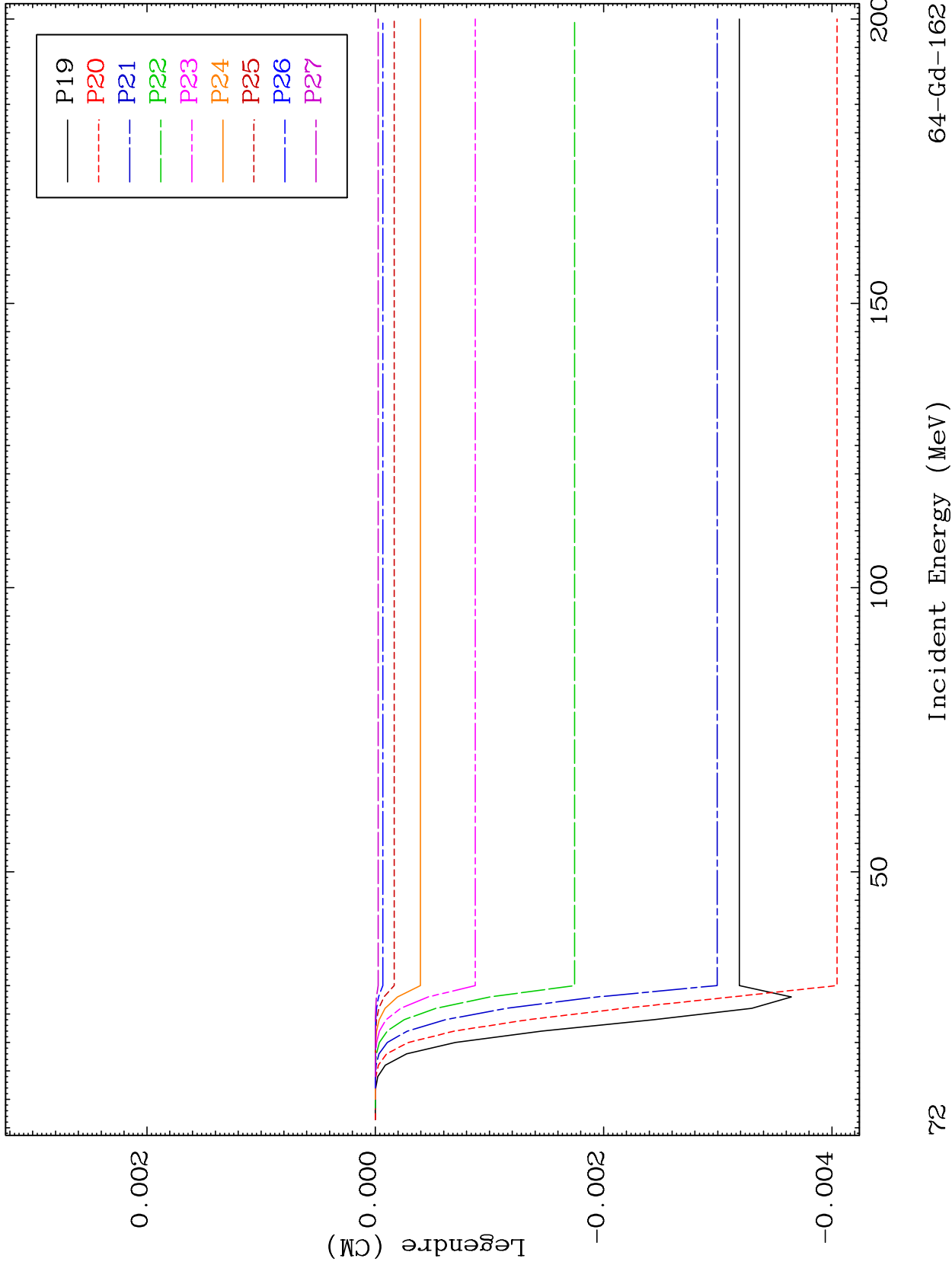
Incident Energy (MeV)

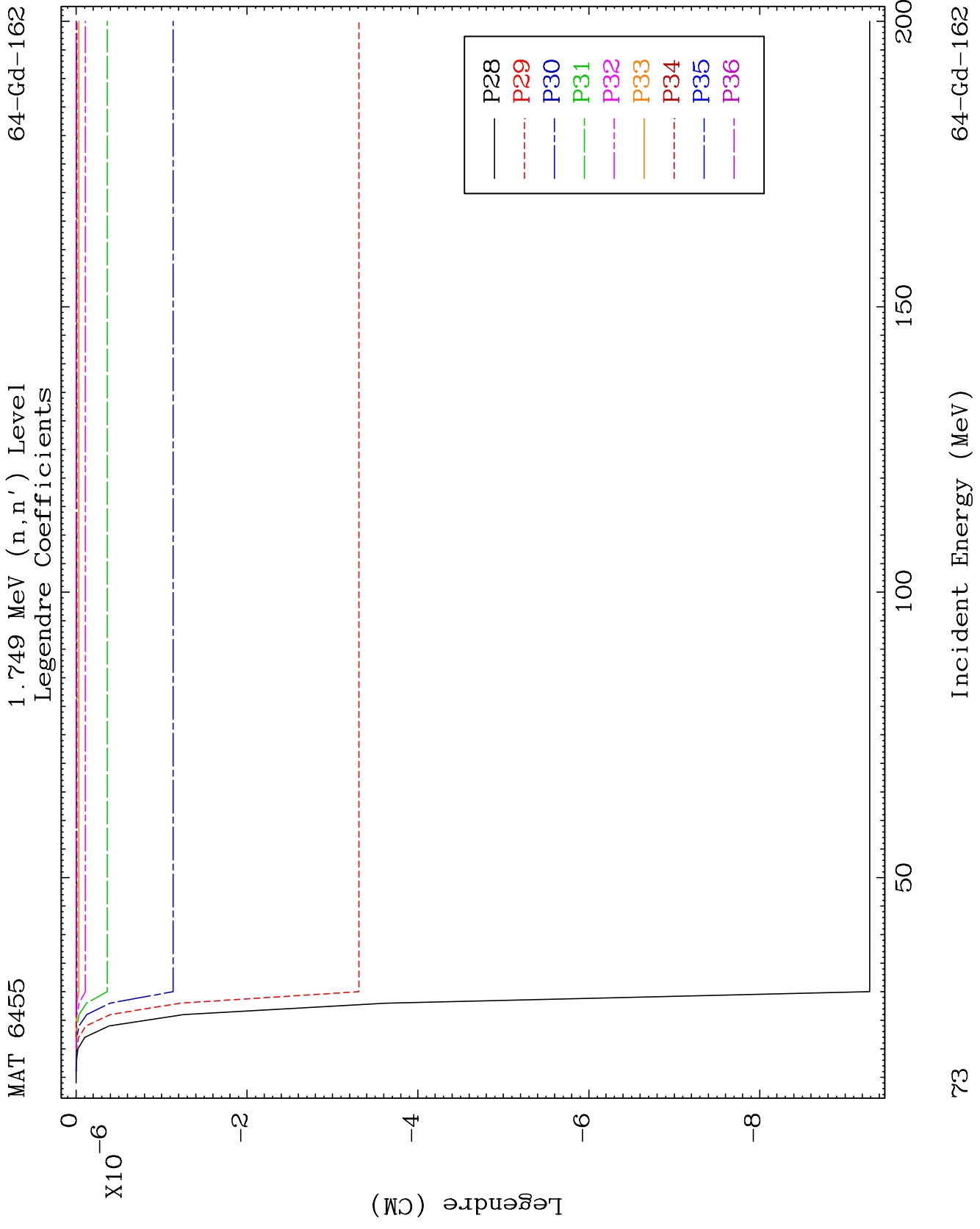
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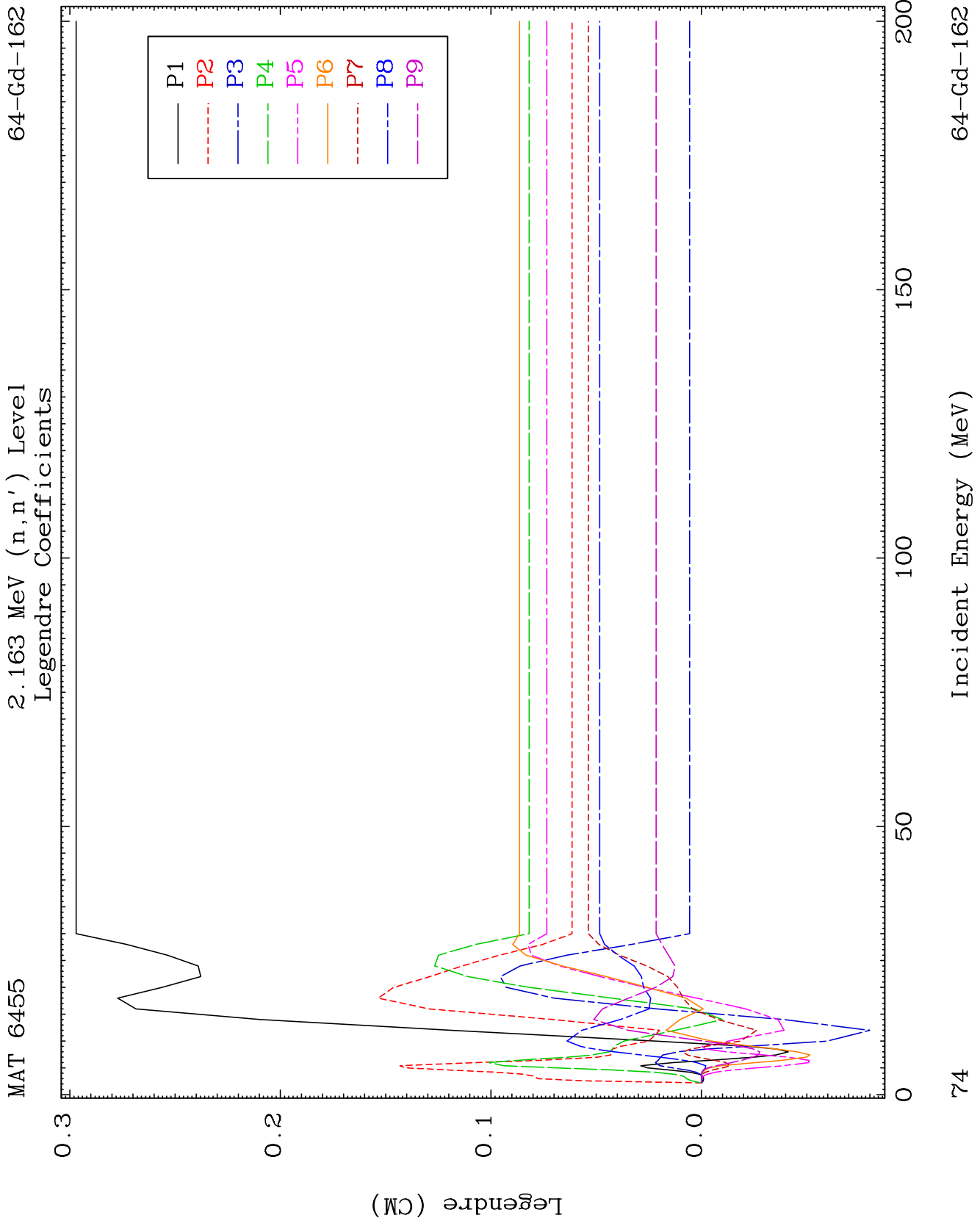
MAT 6455

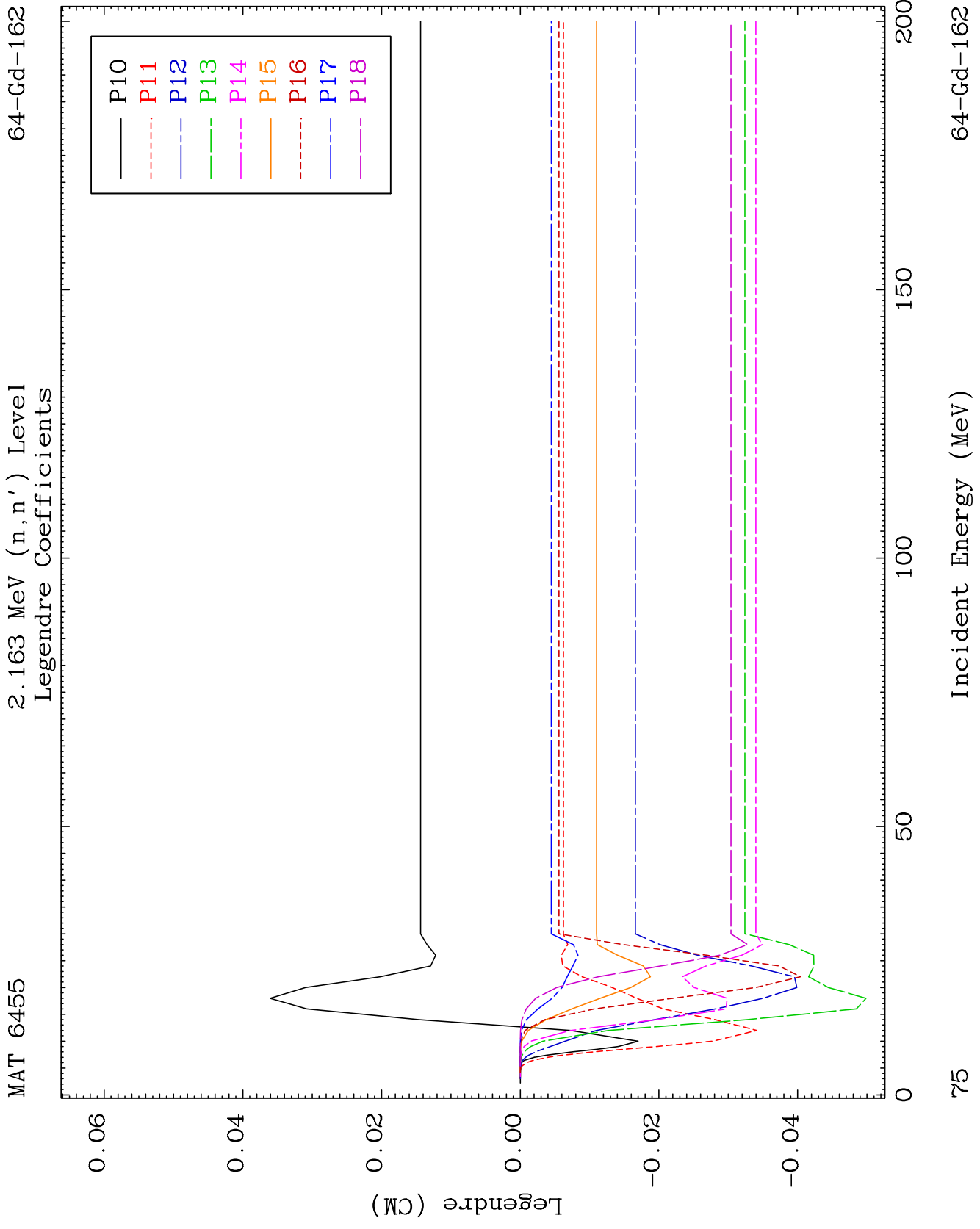
1.749 MeV (n,n') Level
Legendre Coefficients

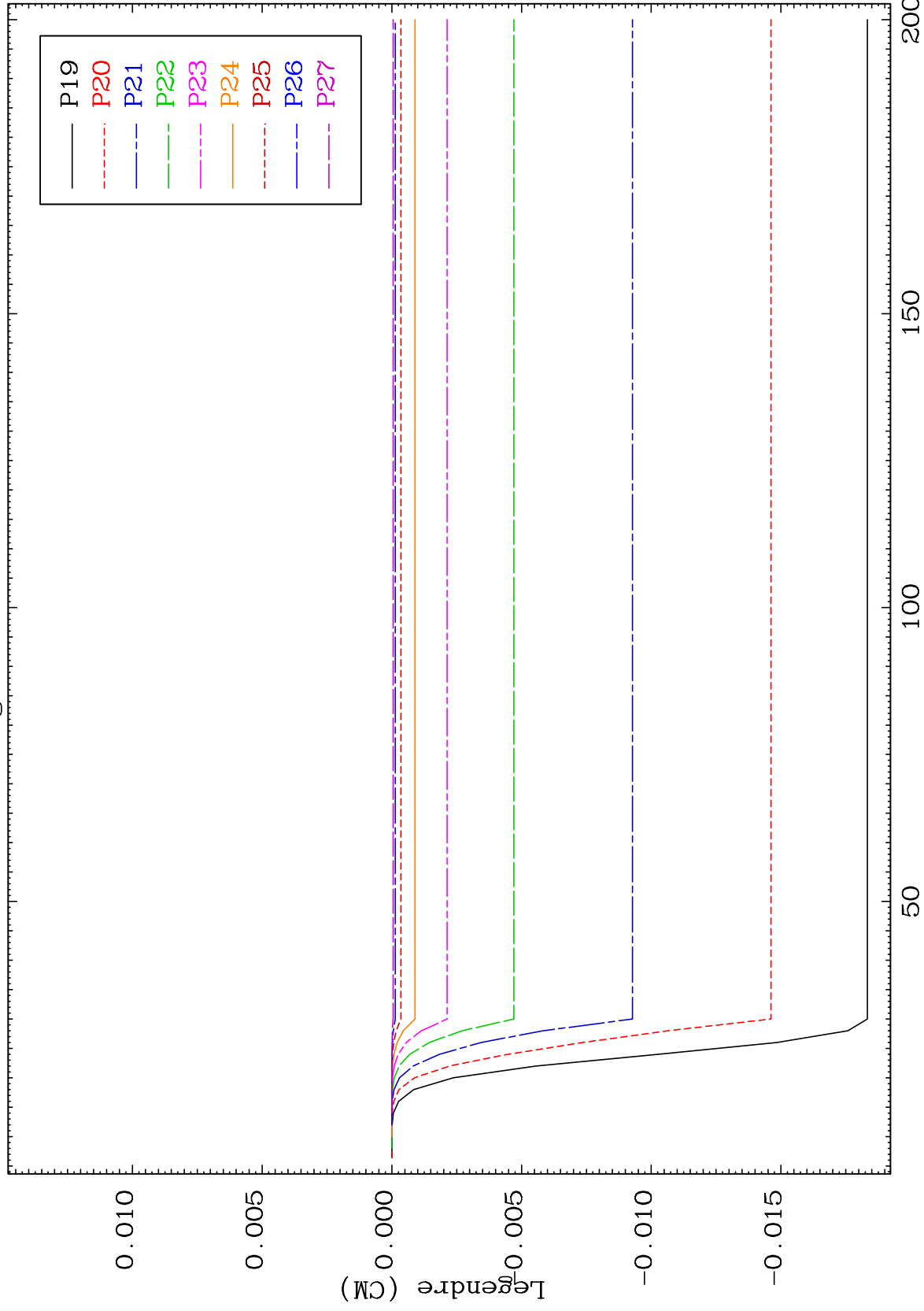
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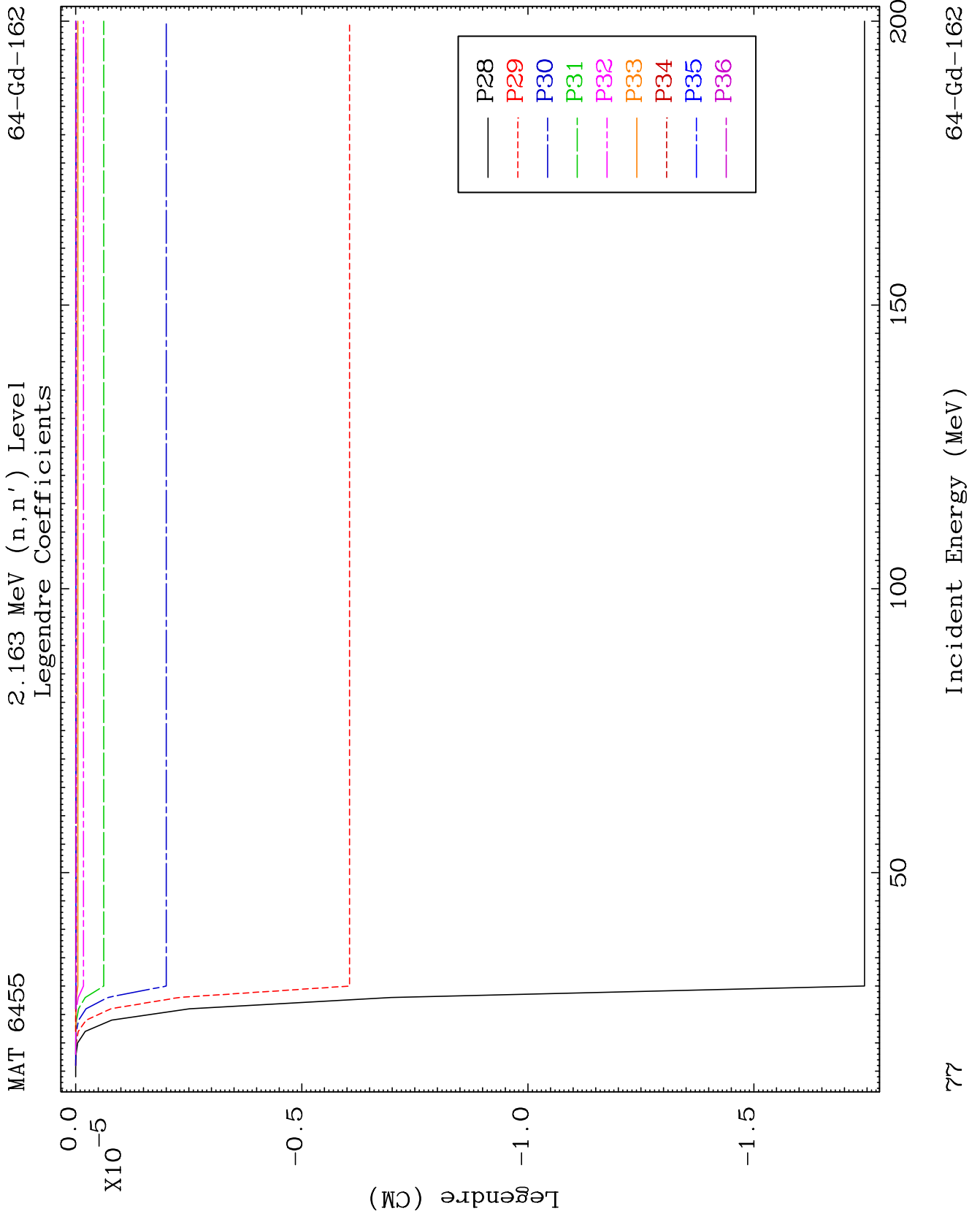


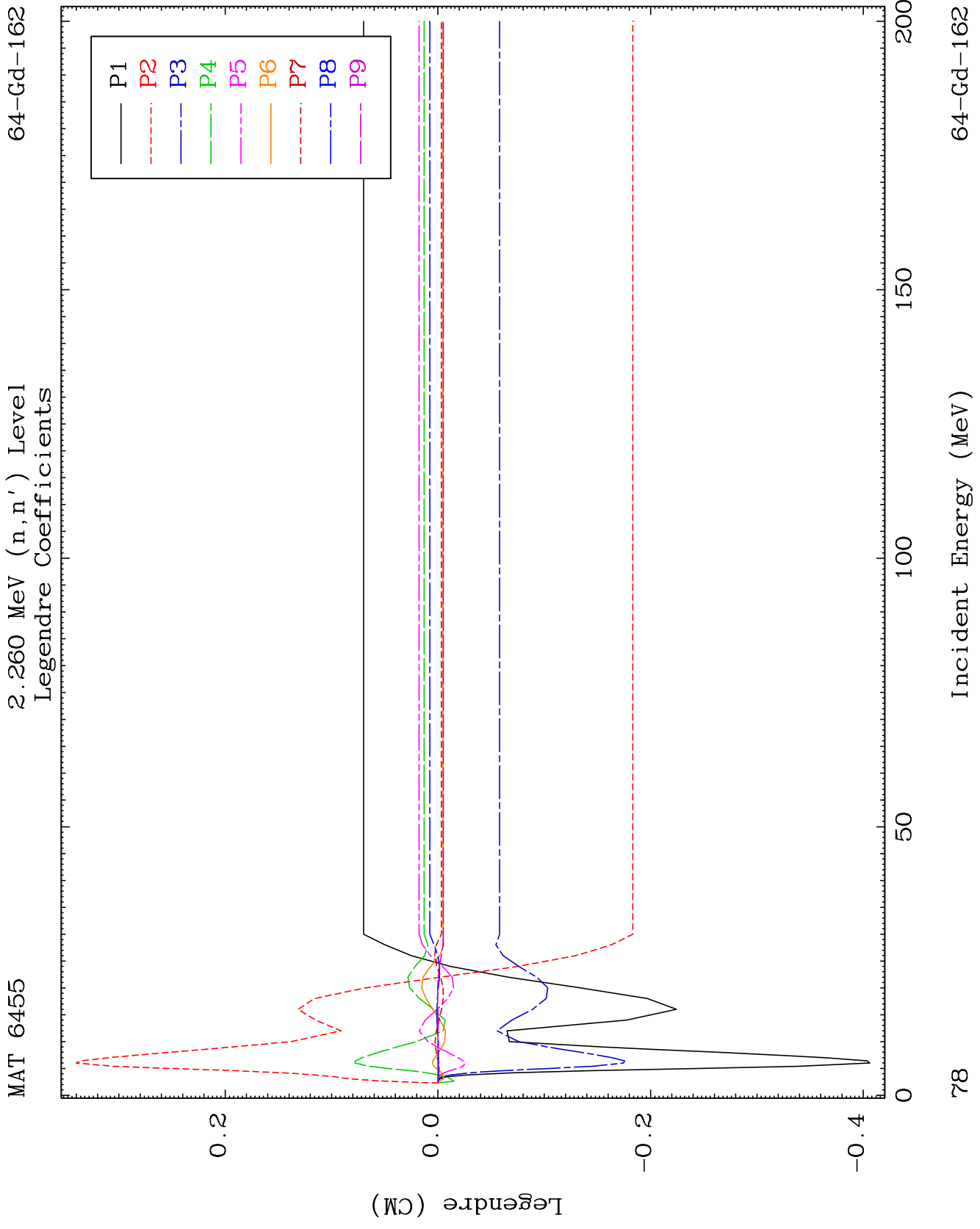


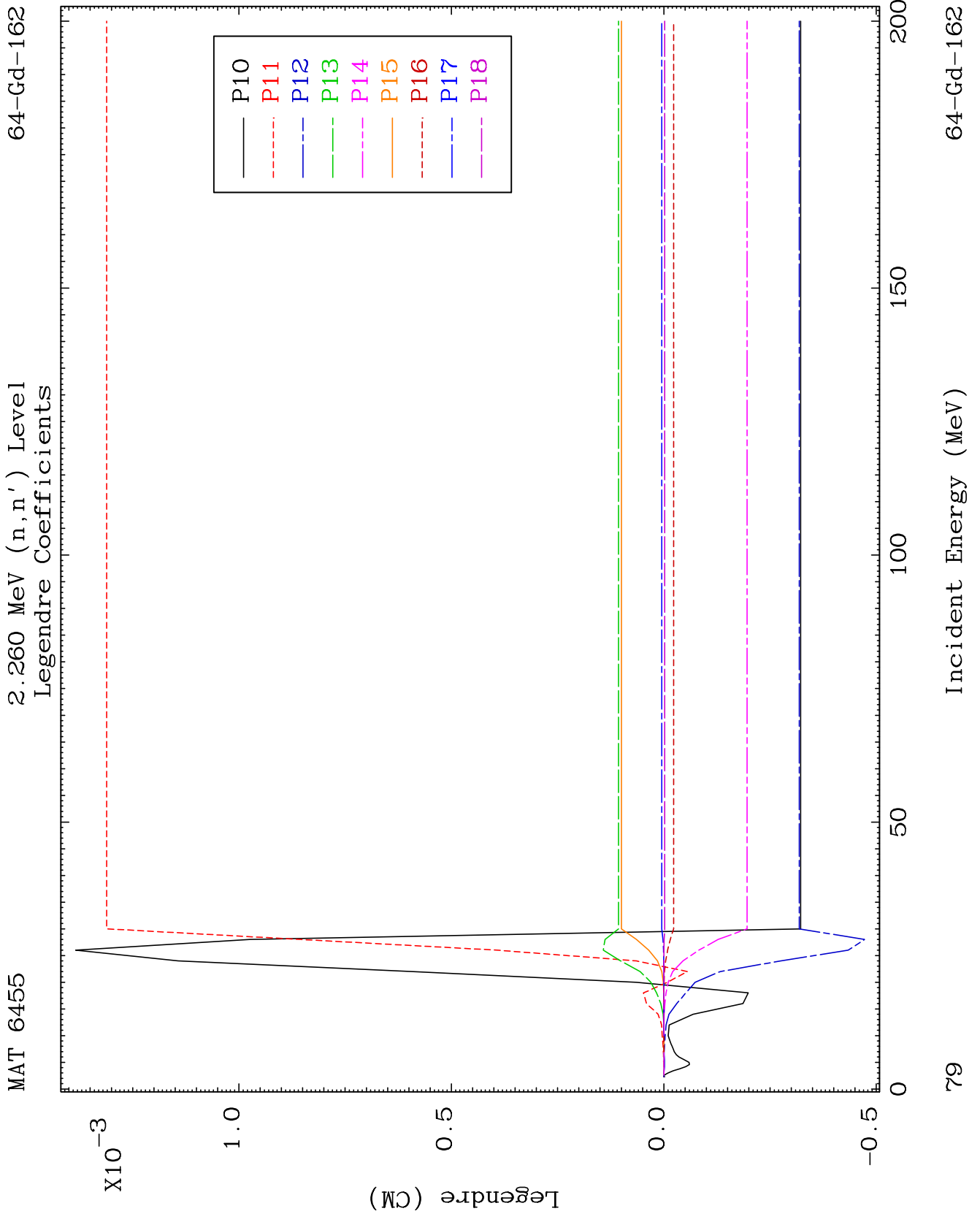


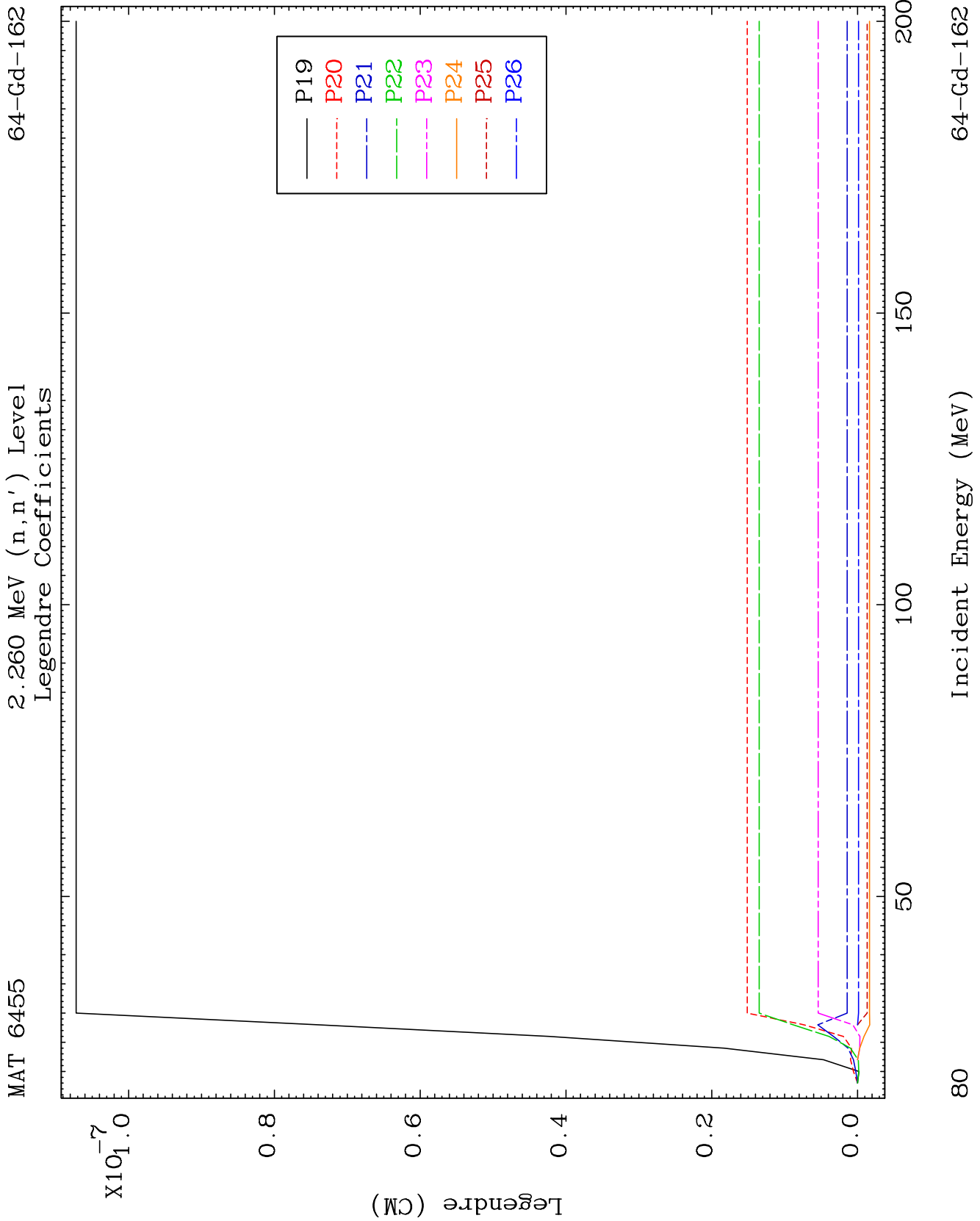








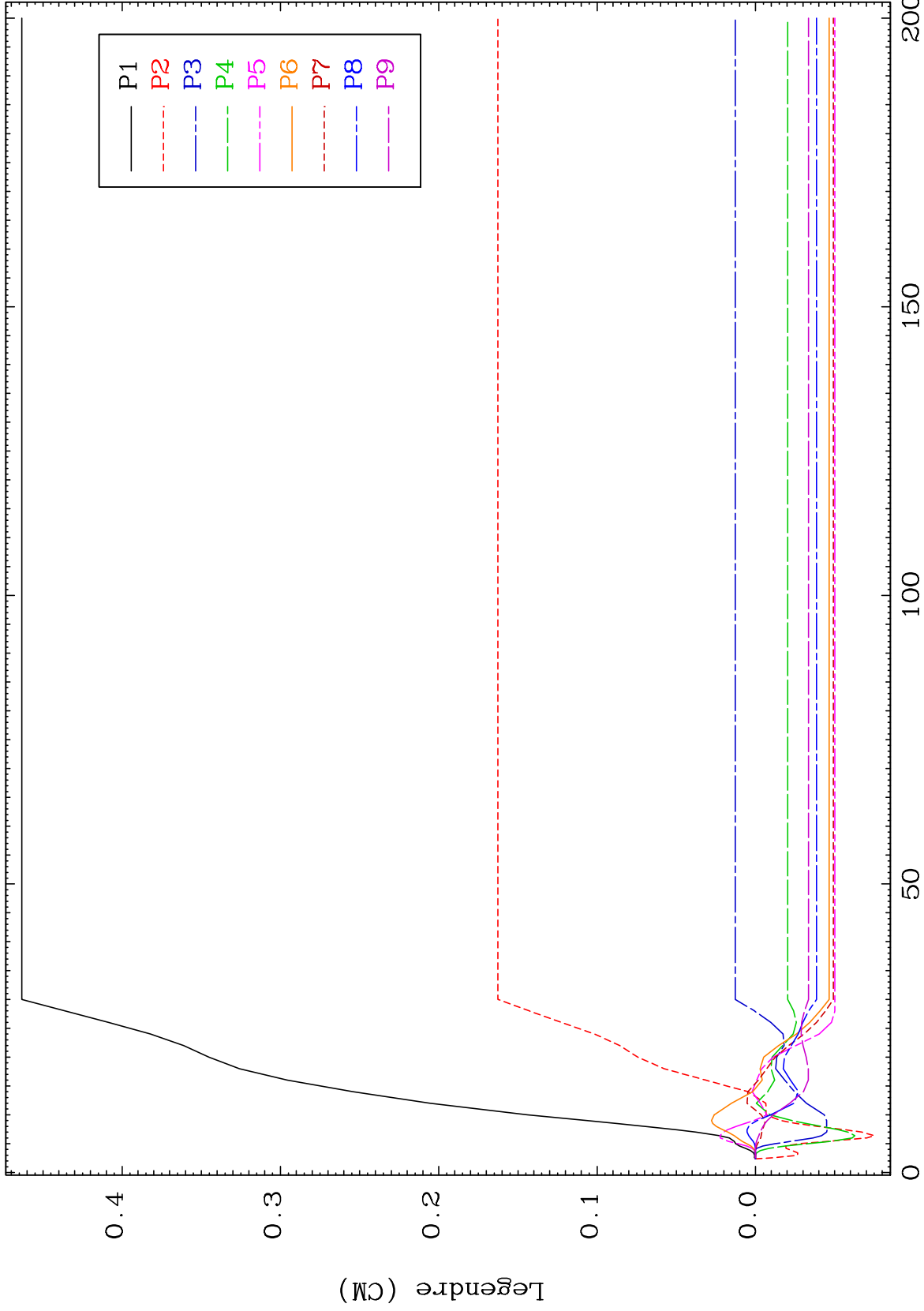




MAT 6455

2.346 MeV (n,n') Level
Legendre Coefficients

64-Gd-162



81

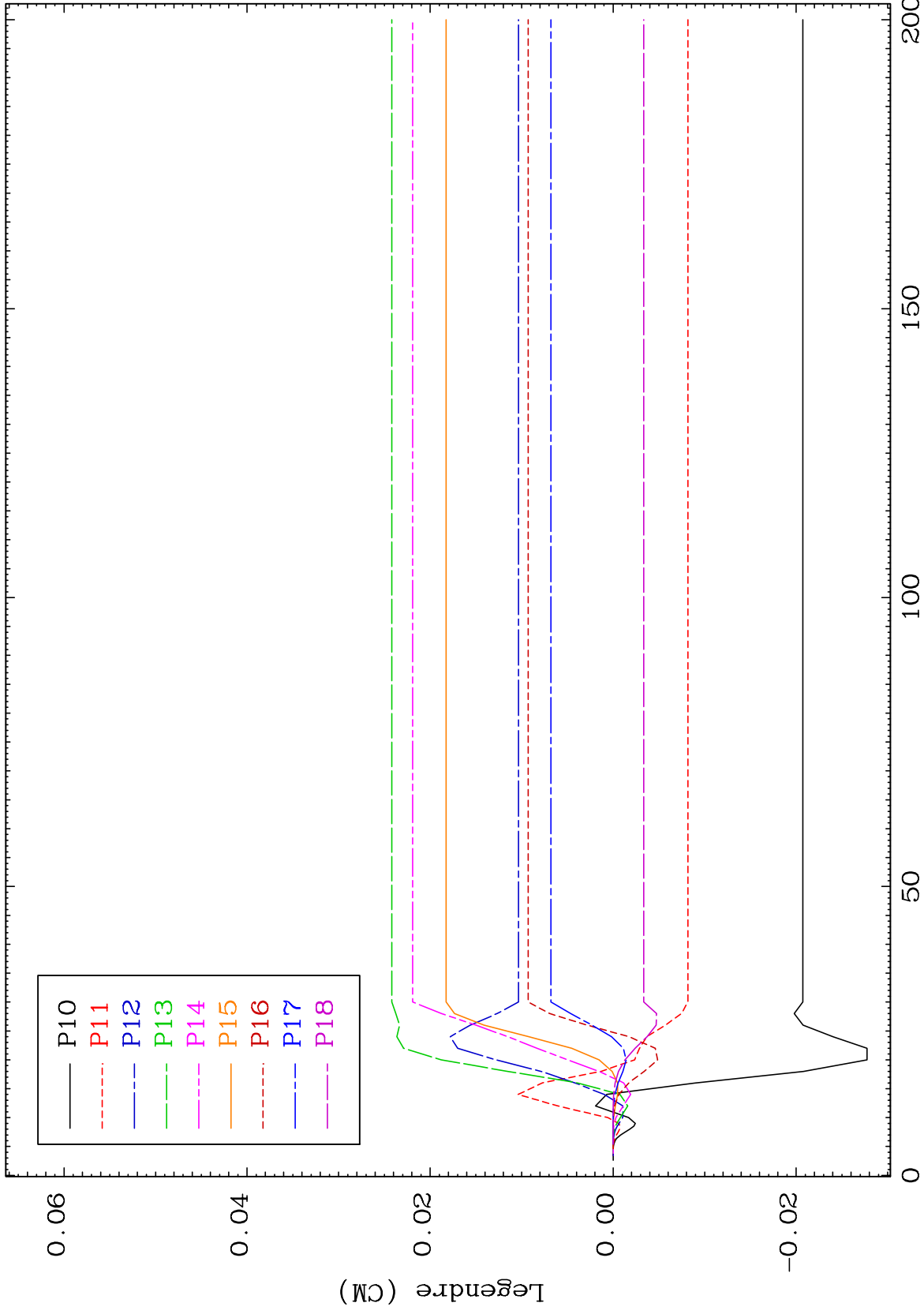
Incident Energy (MeV)

64-Gd-162

MAT 6455

2.346 MeV (n, n') Level
Legendre Coefficients

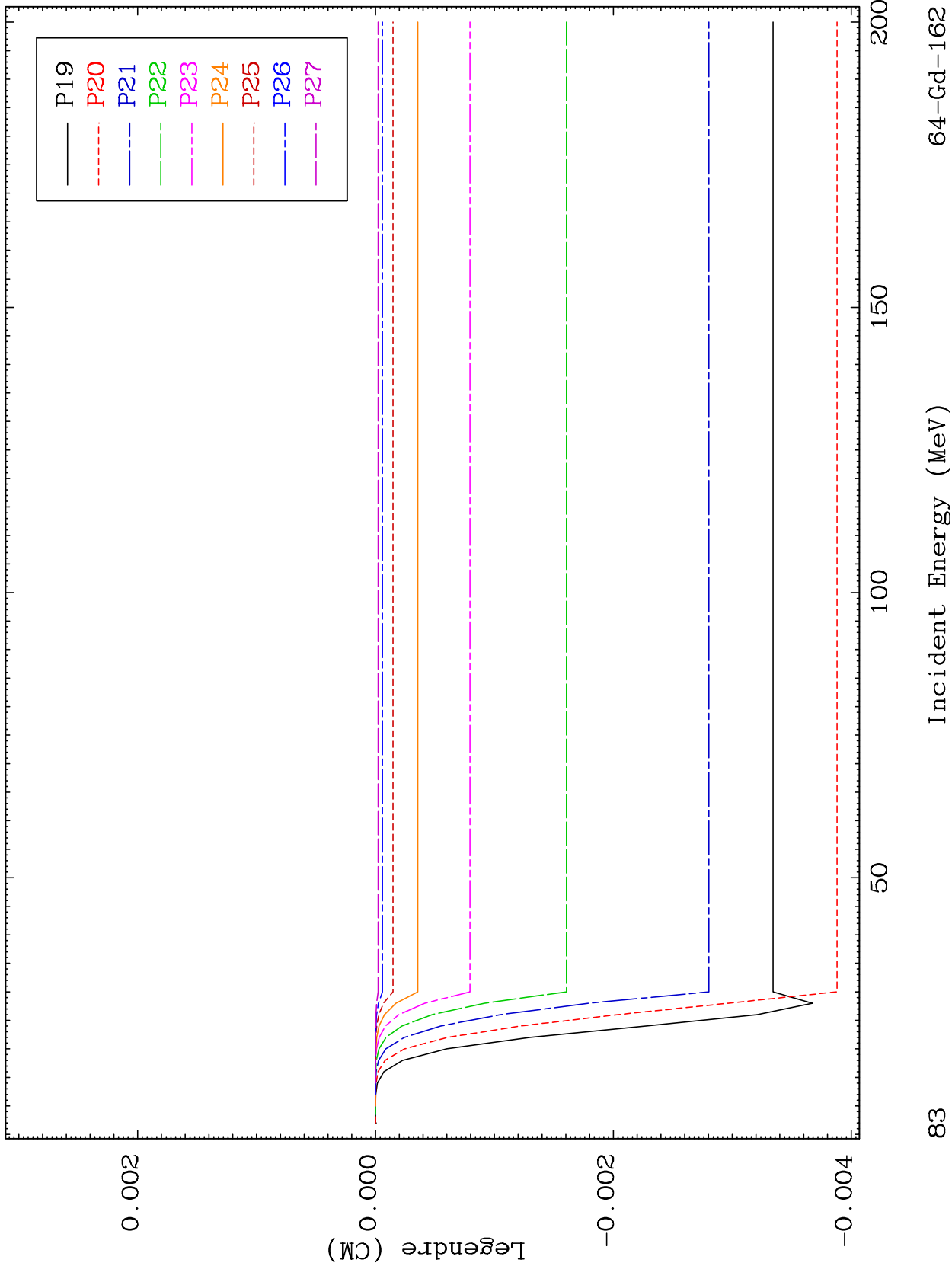
64-Gd-162

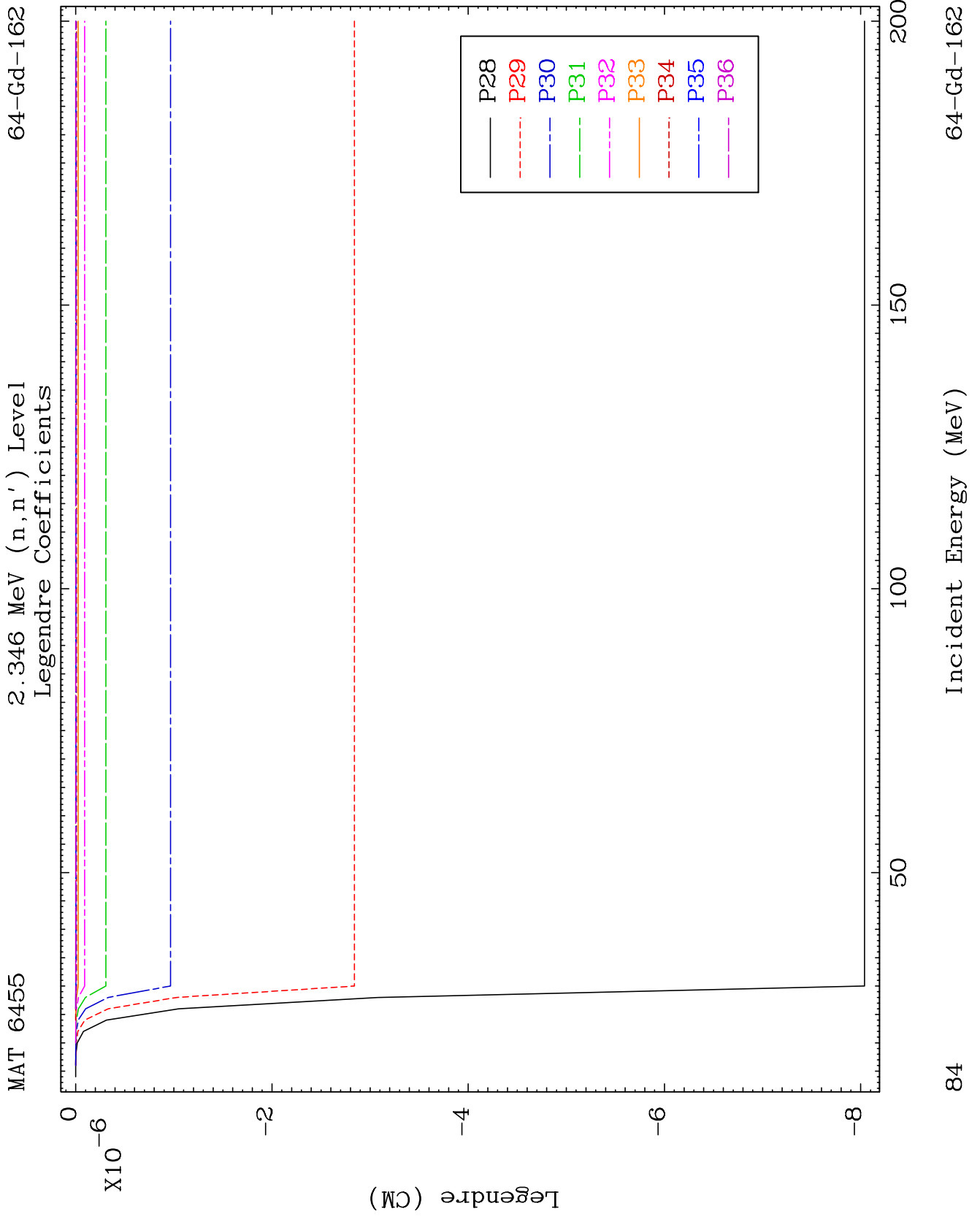


82

Incident Energy (MeV)

64-Gd-162

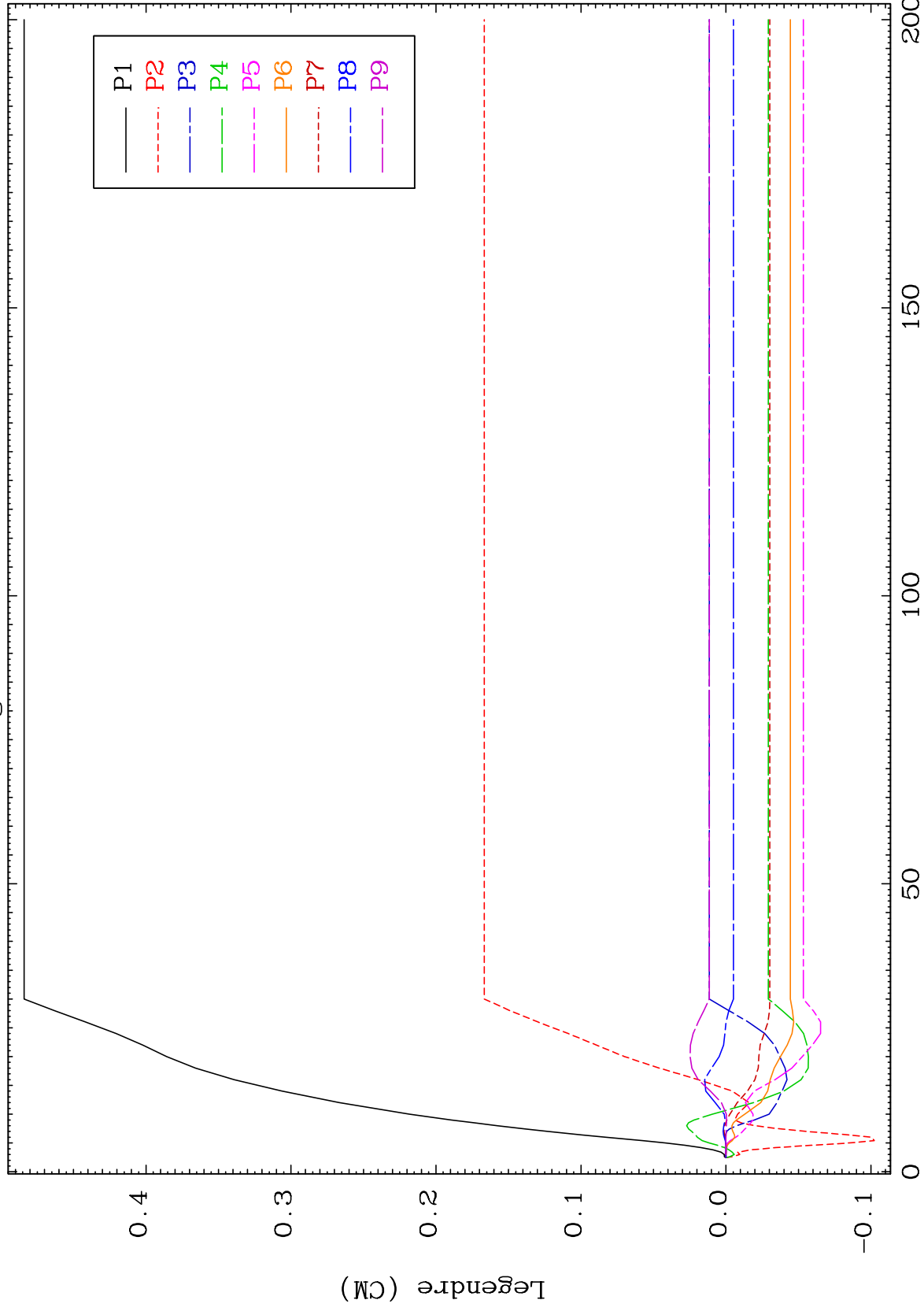




MAT 6455

2.432 MeV (n, n') Level
Legendre Coefficients

64-Gd-162



85

Incident Energy (MeV)

64-Gd-162

