

Program EVALPLOT
(Version 2015-2)

by

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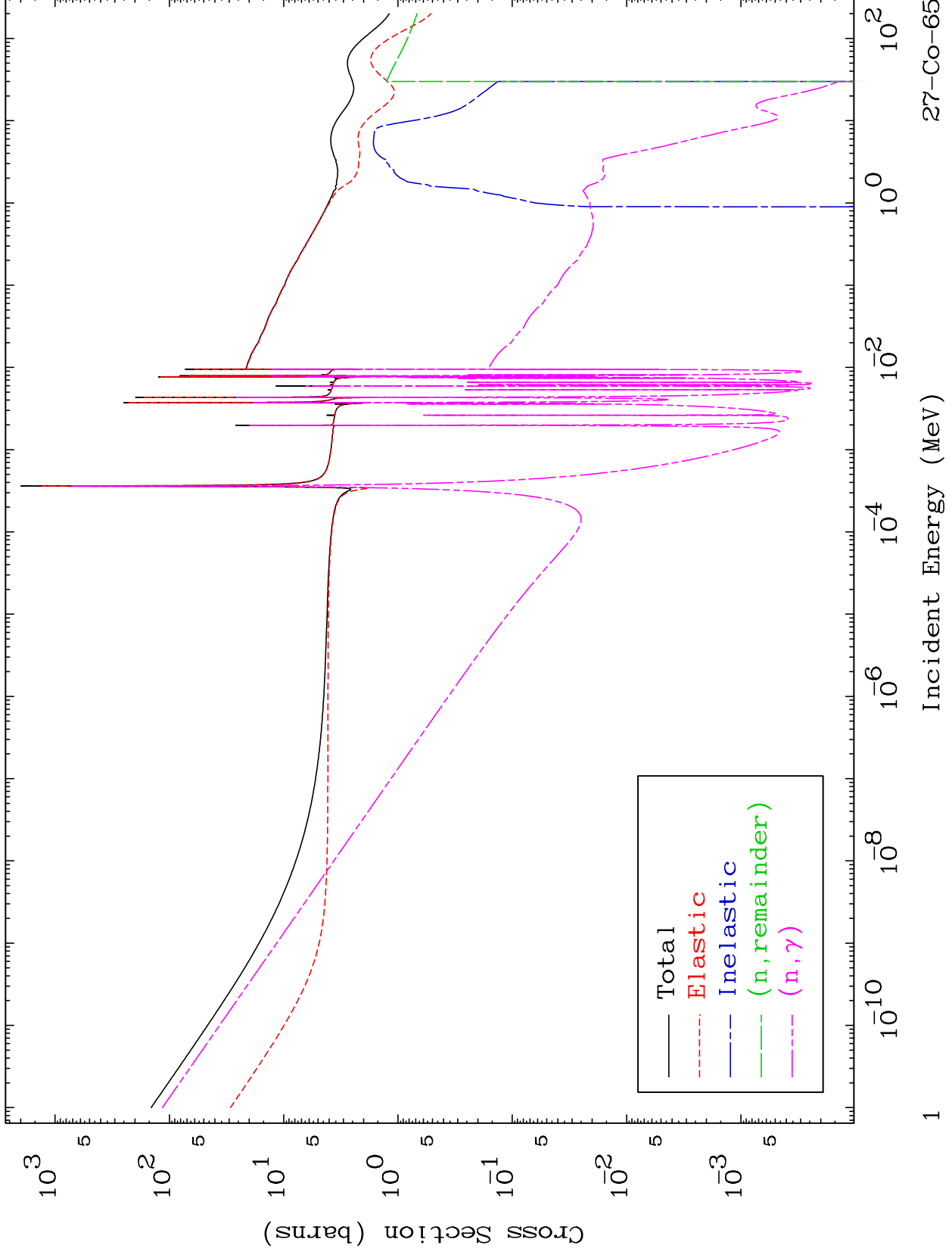
Press Mouse Button to Start

MAT 2743

Major

293 Kelvin Cross Sections

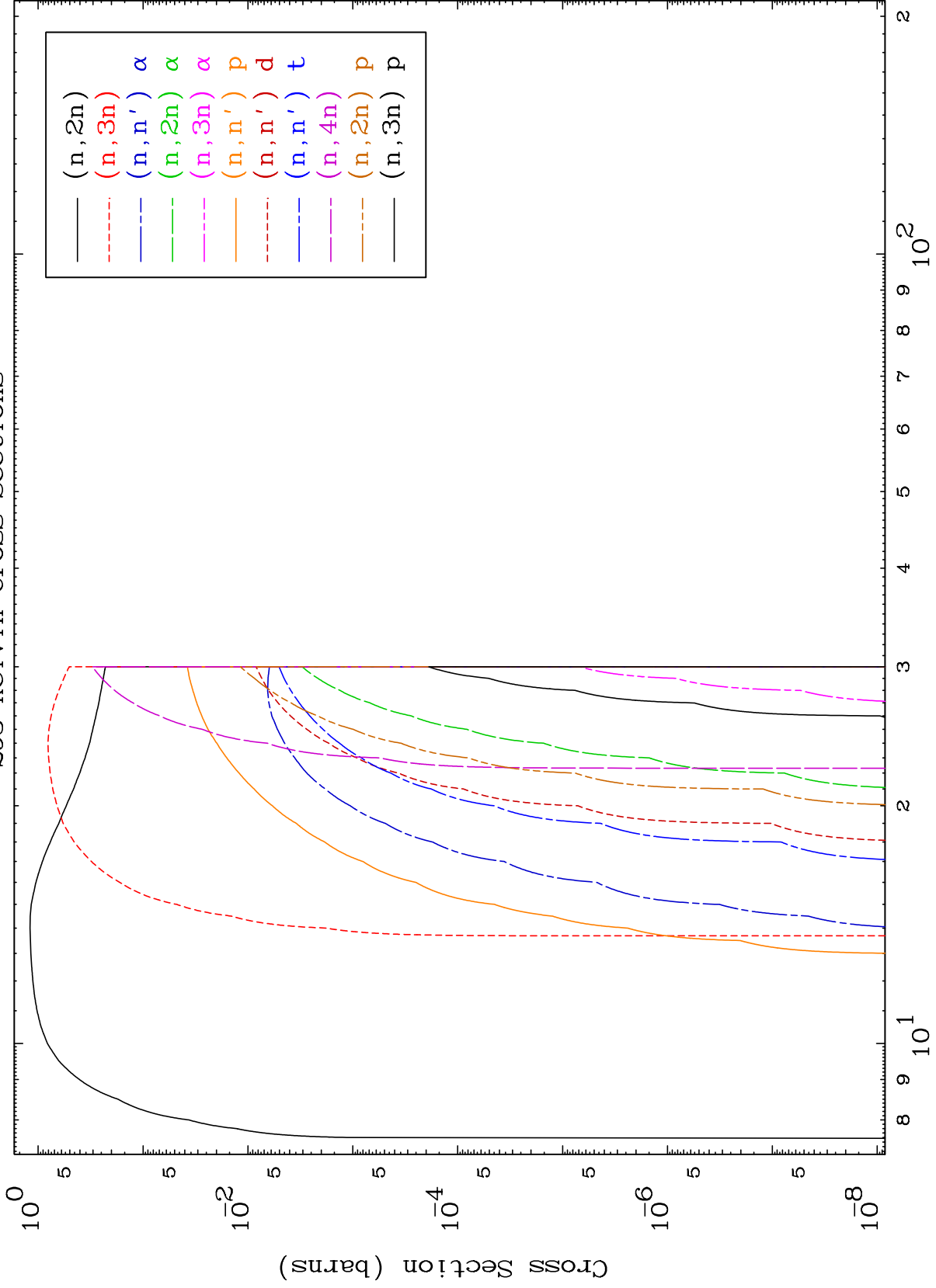
27-Co-65



MAT 2743

Neutron Production
293 Kelvin Cross Sections

27-Co-65



27-Co-65

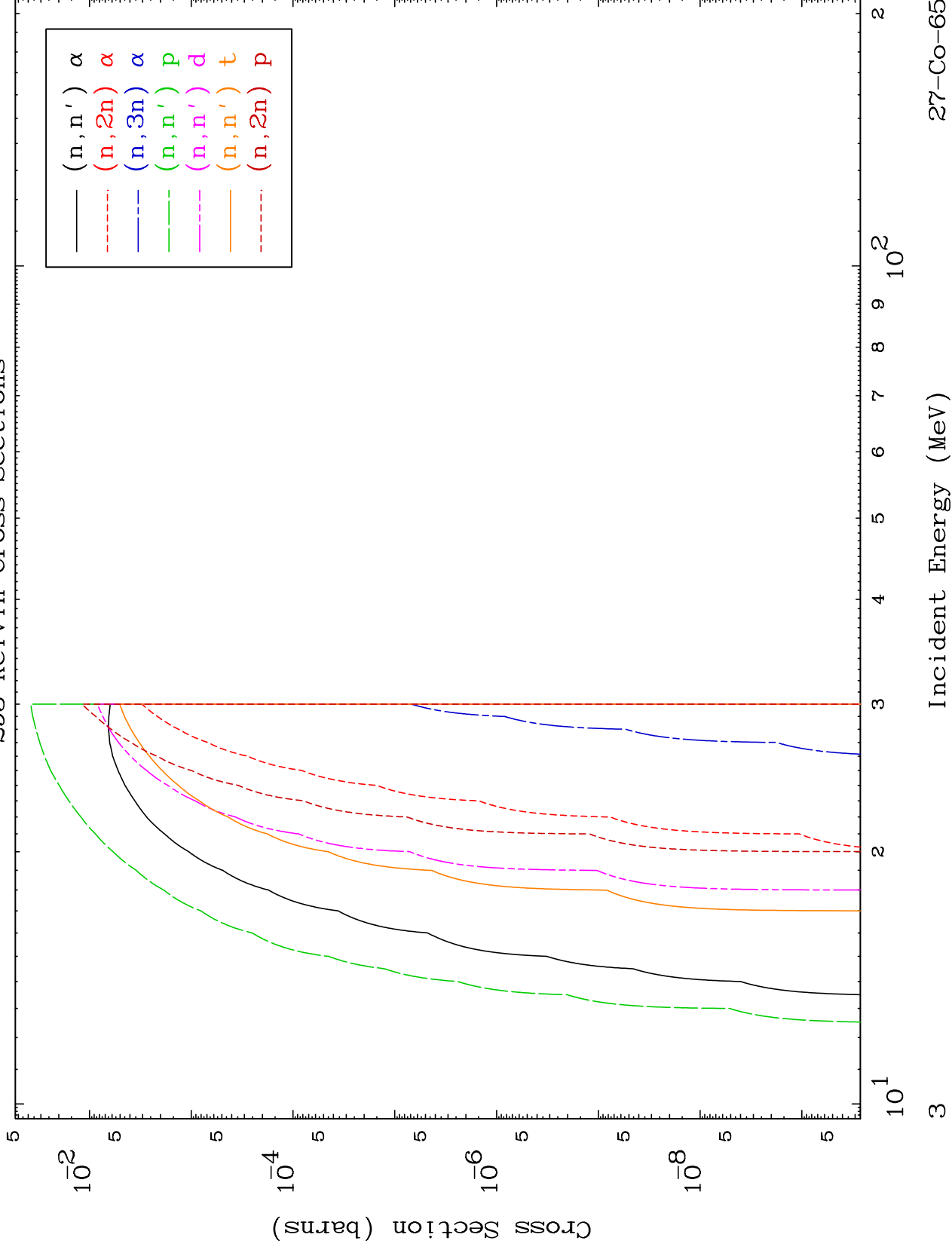
Incident Energy (MeV)

2

MAT 2743

Charged Particle
293 Kelvin Cross Sections

27-Co-65



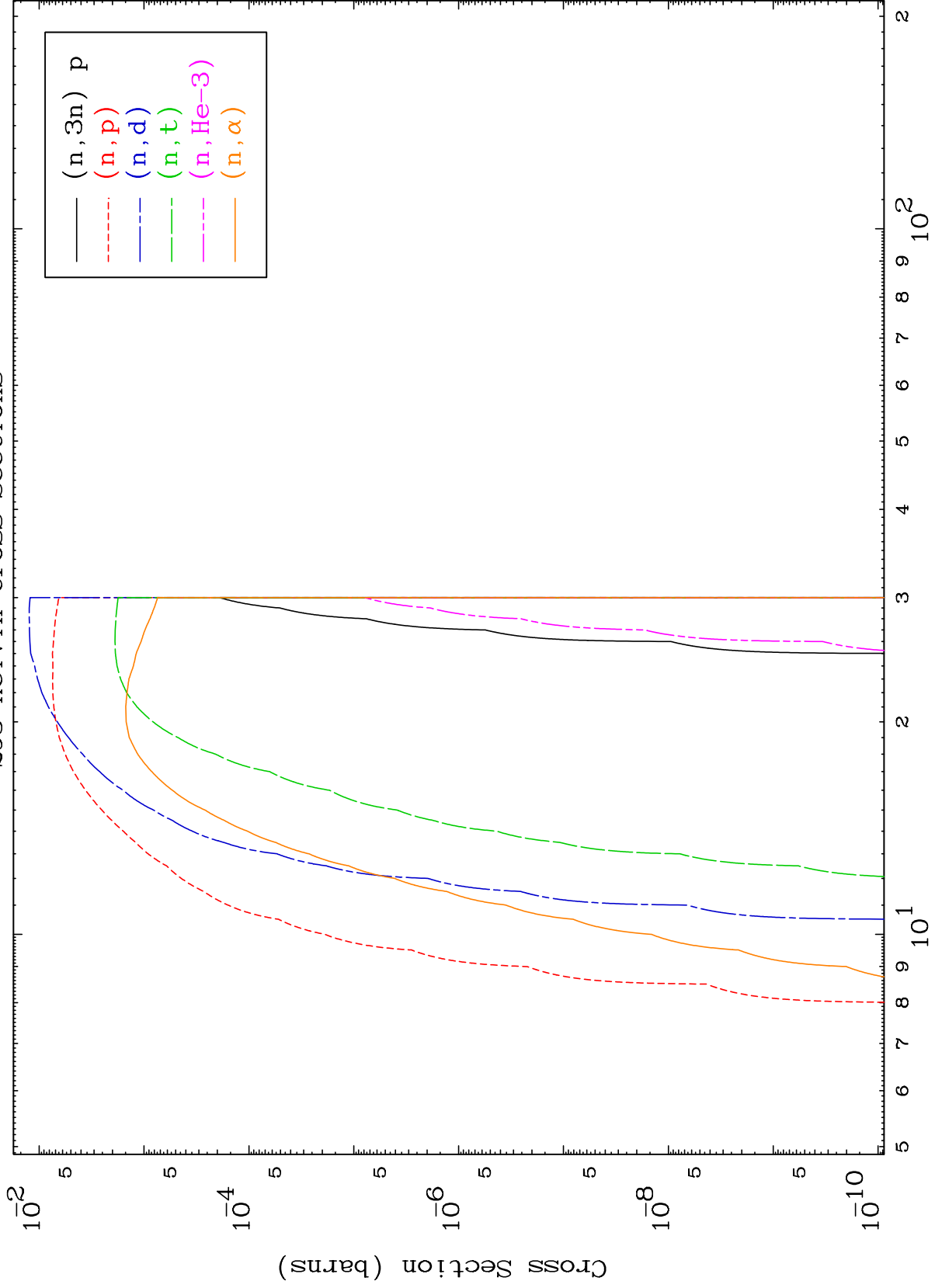
27-Co-65

Incident Energy (MeV)

MAT 2743

Charged Particle
293 Kelvin Cross Sections

27-Co-65



4

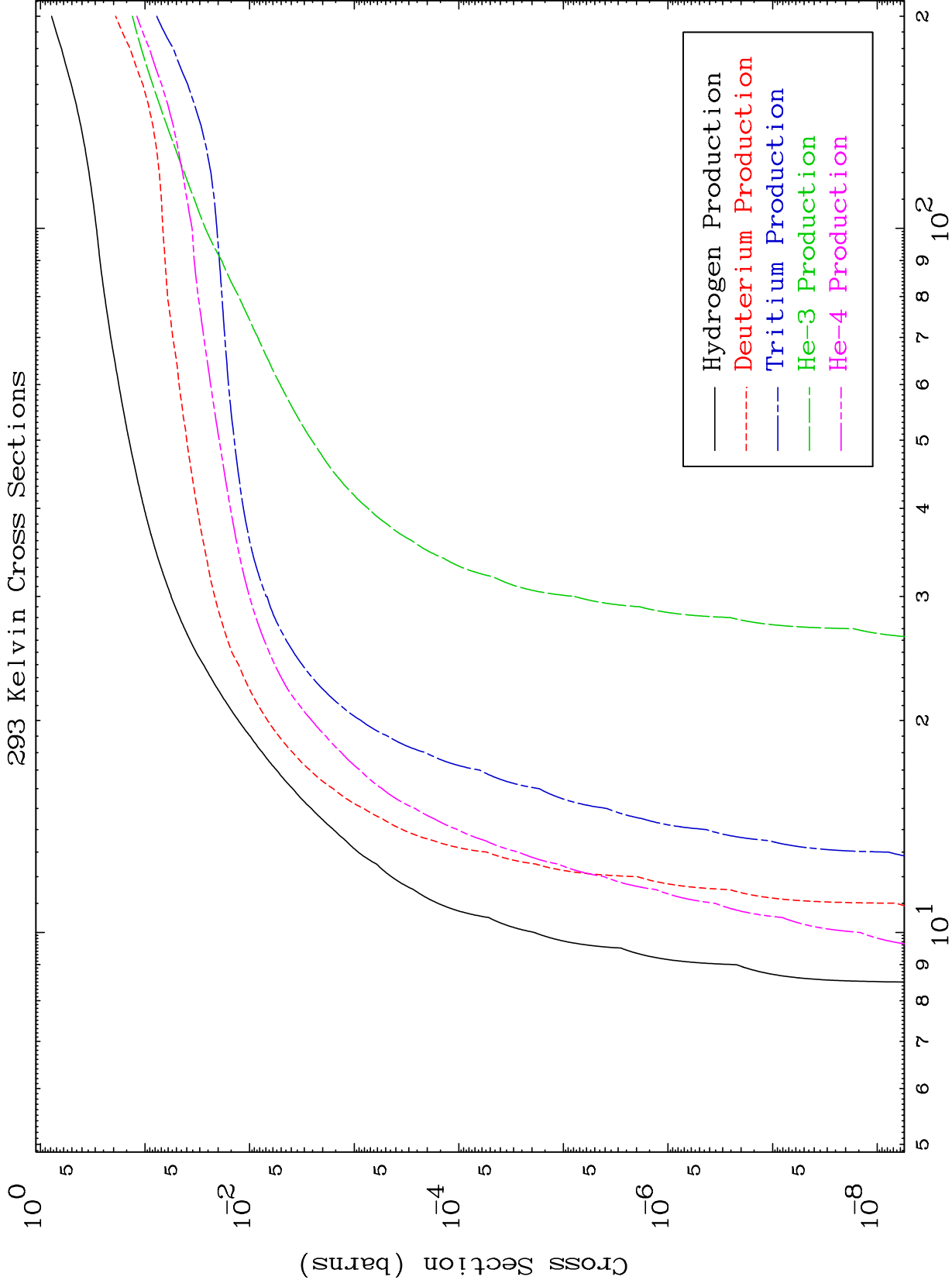
Incident Energy (MeV)

27-Co-65

MAT 2743

Particle Production
293 Kelvin Cross Sections

27-Co-65



5

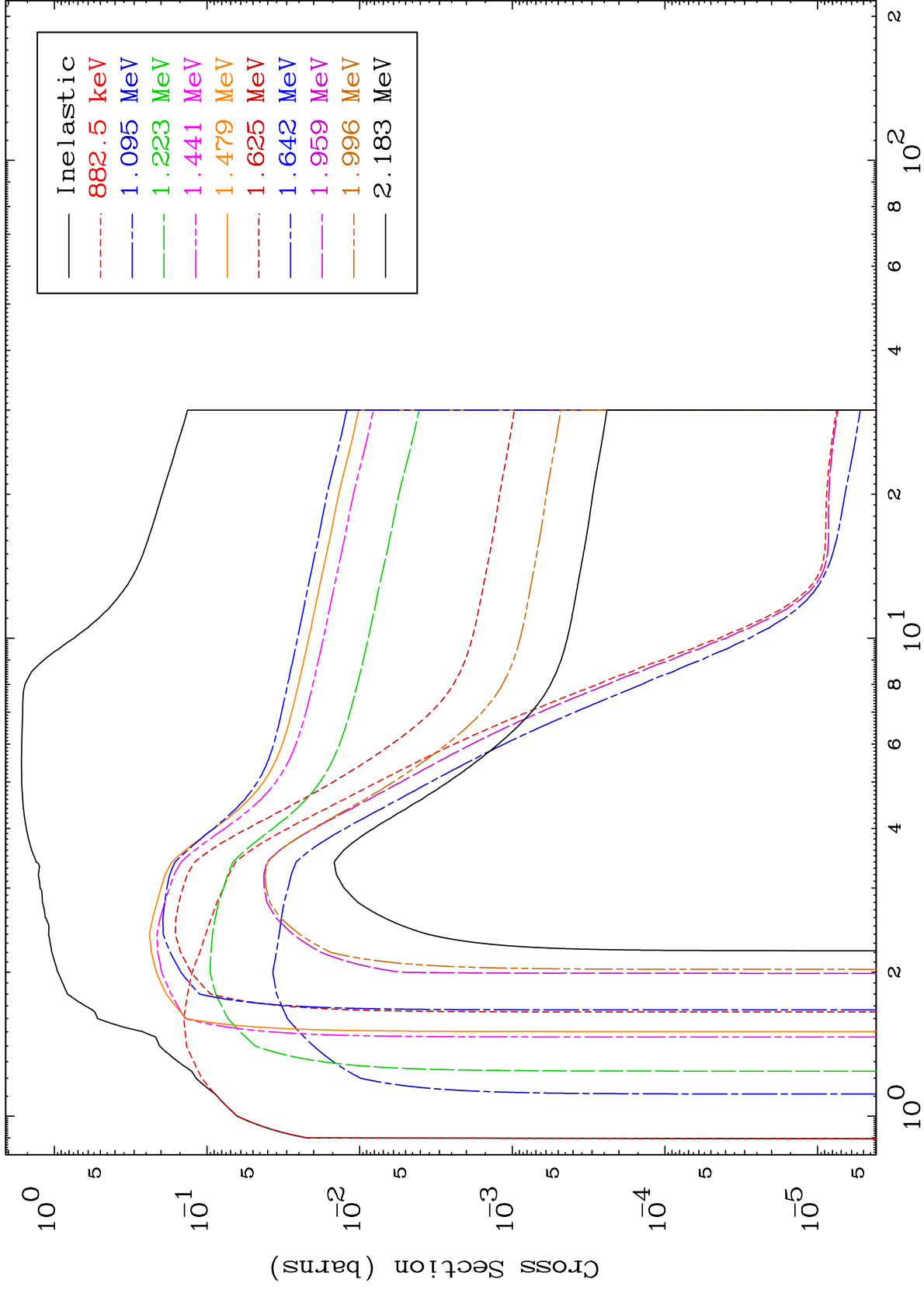
Incident Energy (MeV)

27-Co-65

MAT 2743

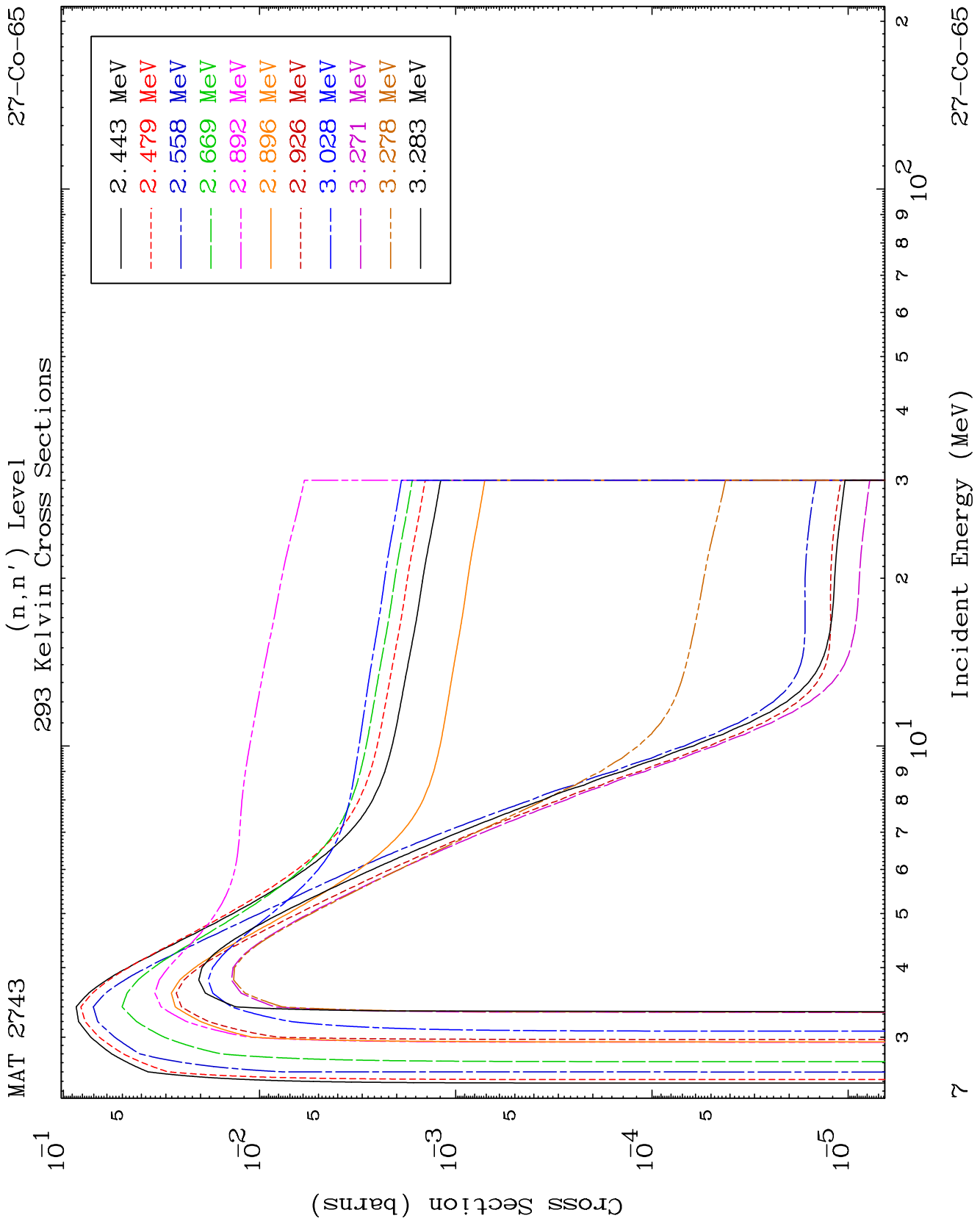
(n,n') Level
293 Kelvin Cross Sections

27-Co-65



Incident Energy (MeV)

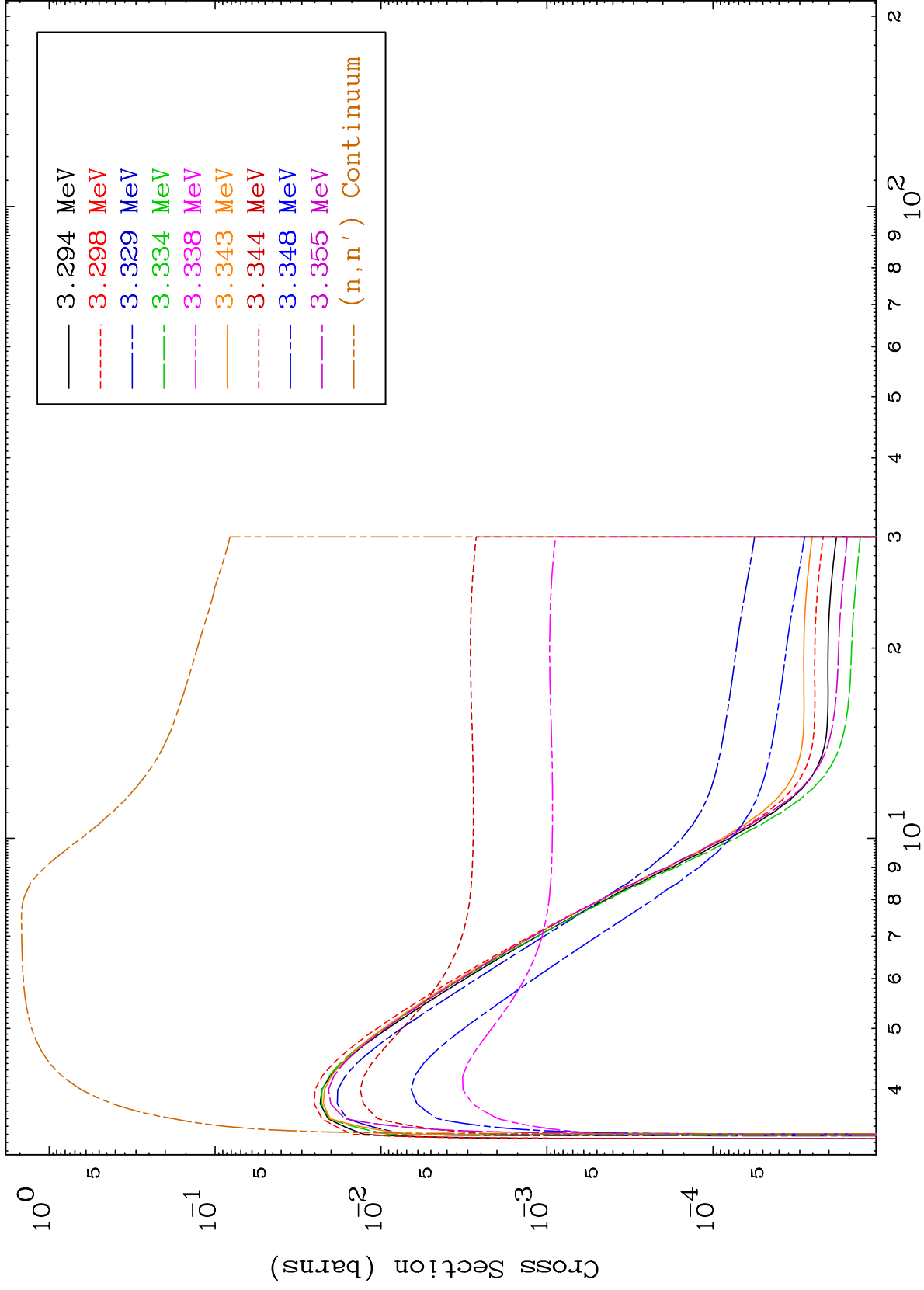
27-Co-65



MAT 2743

(n,n') Level
293 Kelvin Cross Sections

27-Co-65



8

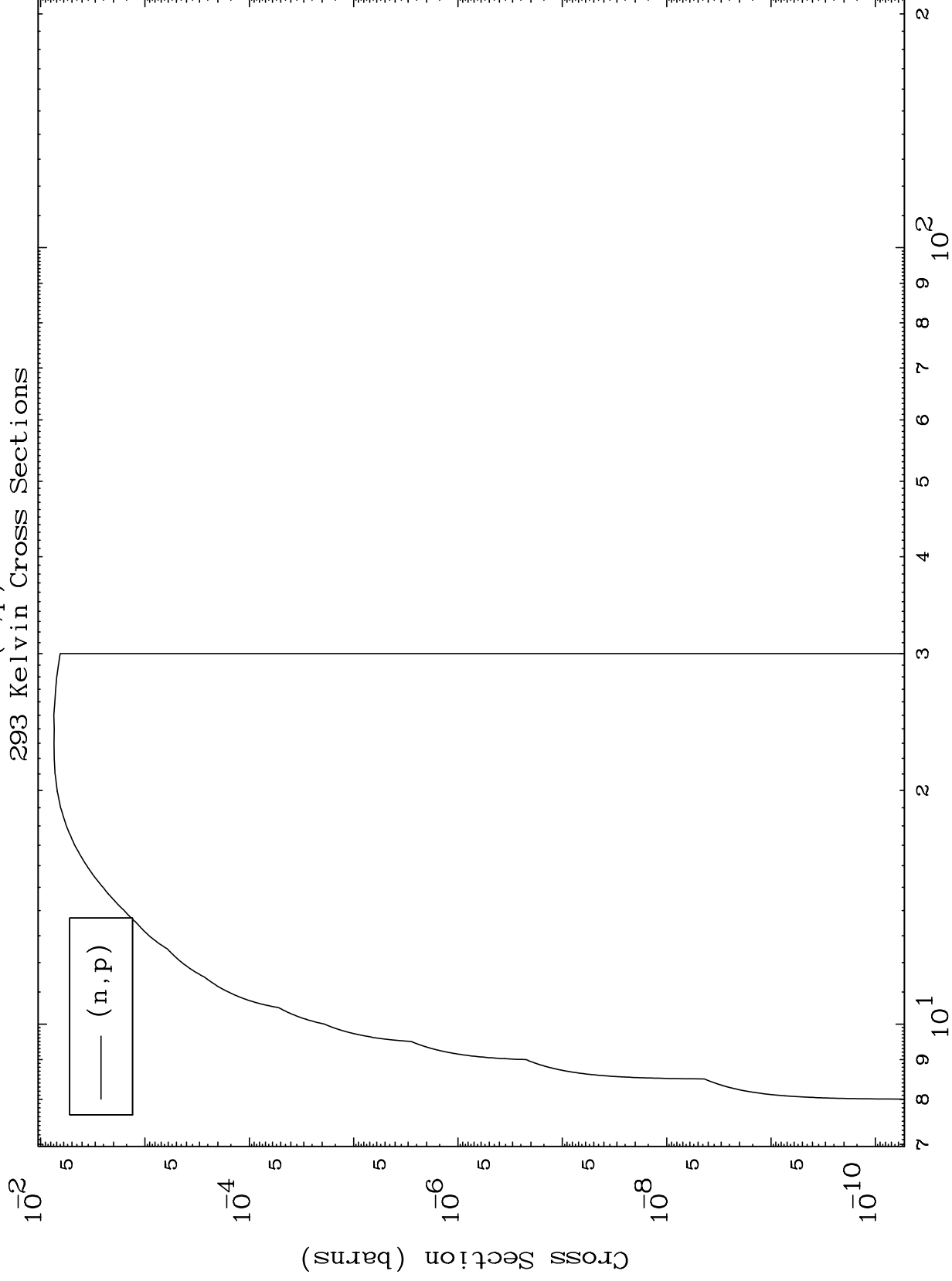
Incident Energy (MeV)

27-Co-65

MAT 2743

(n,p) Levels
293 Kelvin Cross Sections

27-Co-65



9

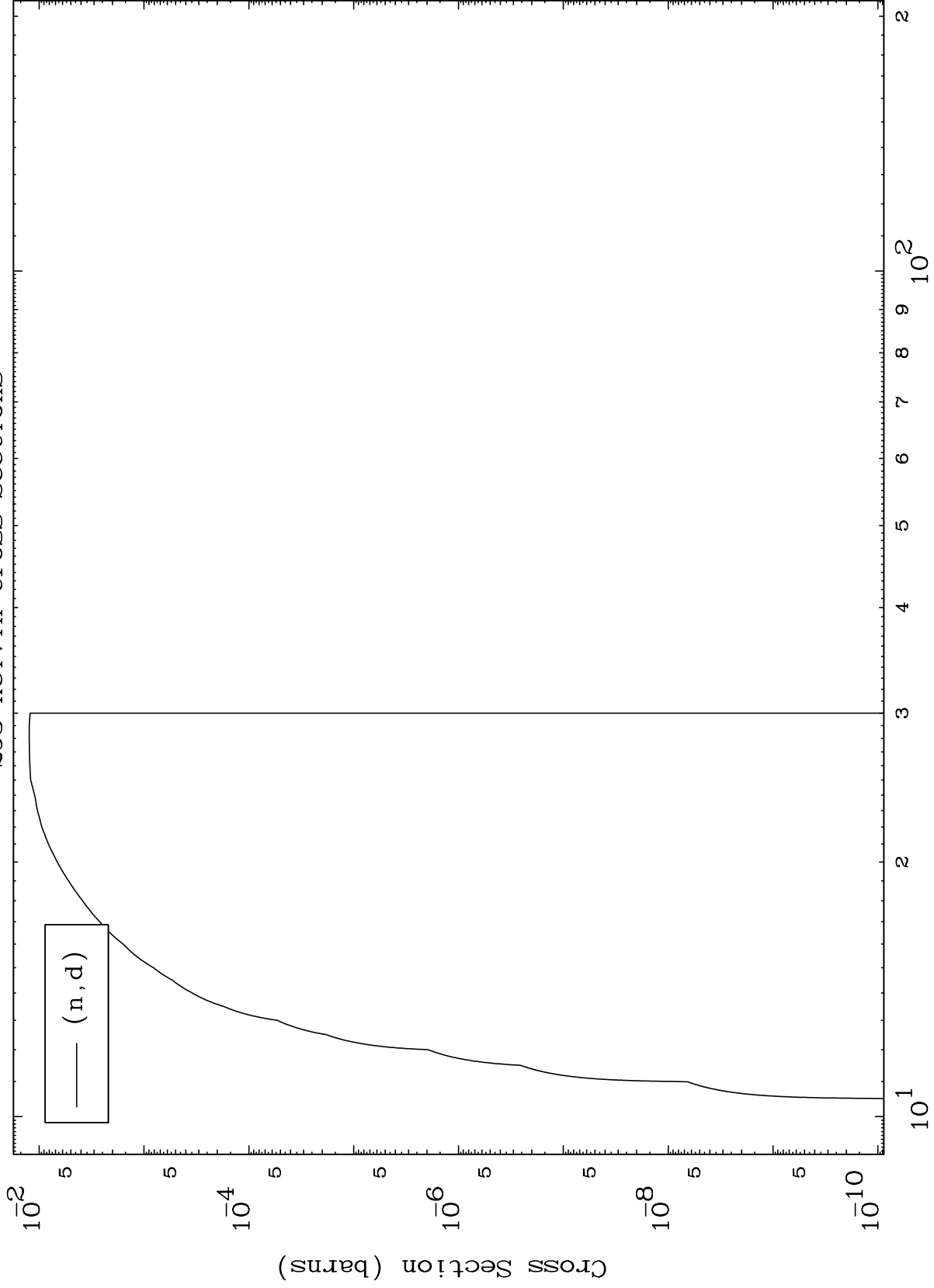
Incident Energy (MeV)

27-Co-65

MAT 2743

(n,d) Levels
293 Kelvin Cross Sections

27-Co-65



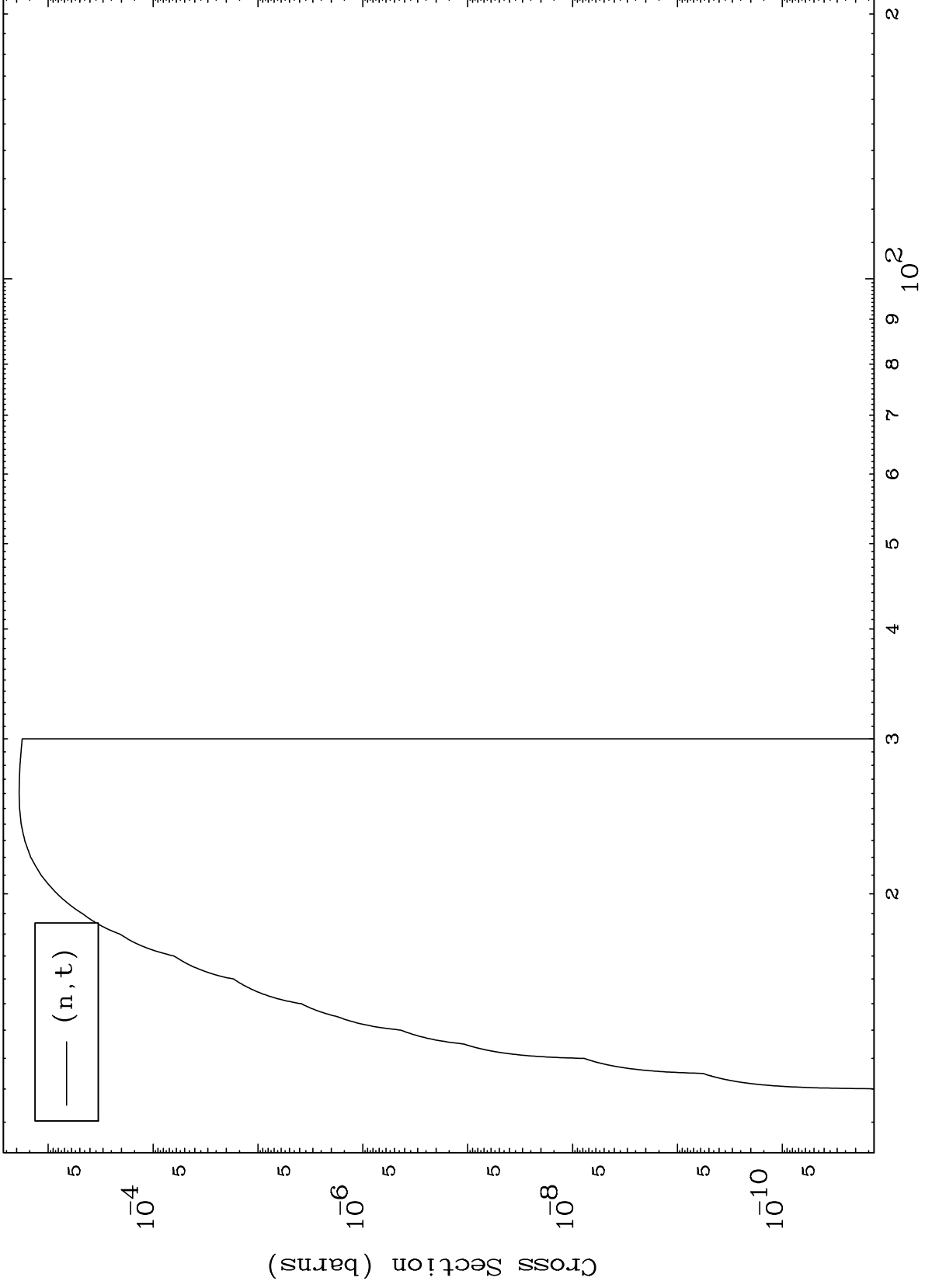
27-Co-65

Incident Energy (MeV)

MAT 2743

(n,t) Levels
293 Kelvin Cross Sections

27-Co-65



11

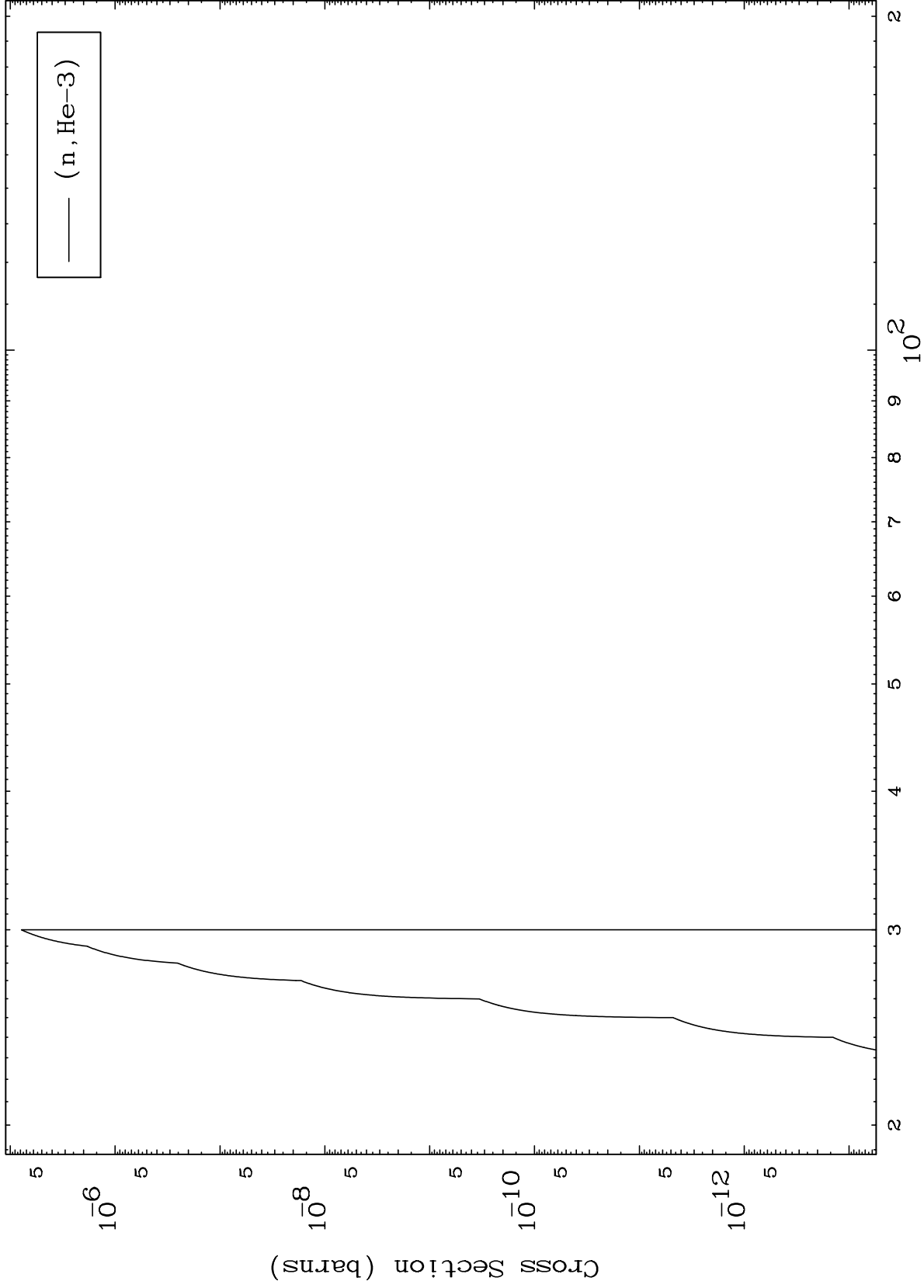
Incident Energy (MeV)

27-Co-65

MAT 2743

(n,He3) Levels
293 Kelvin Cross Sections

27-Co-65



12

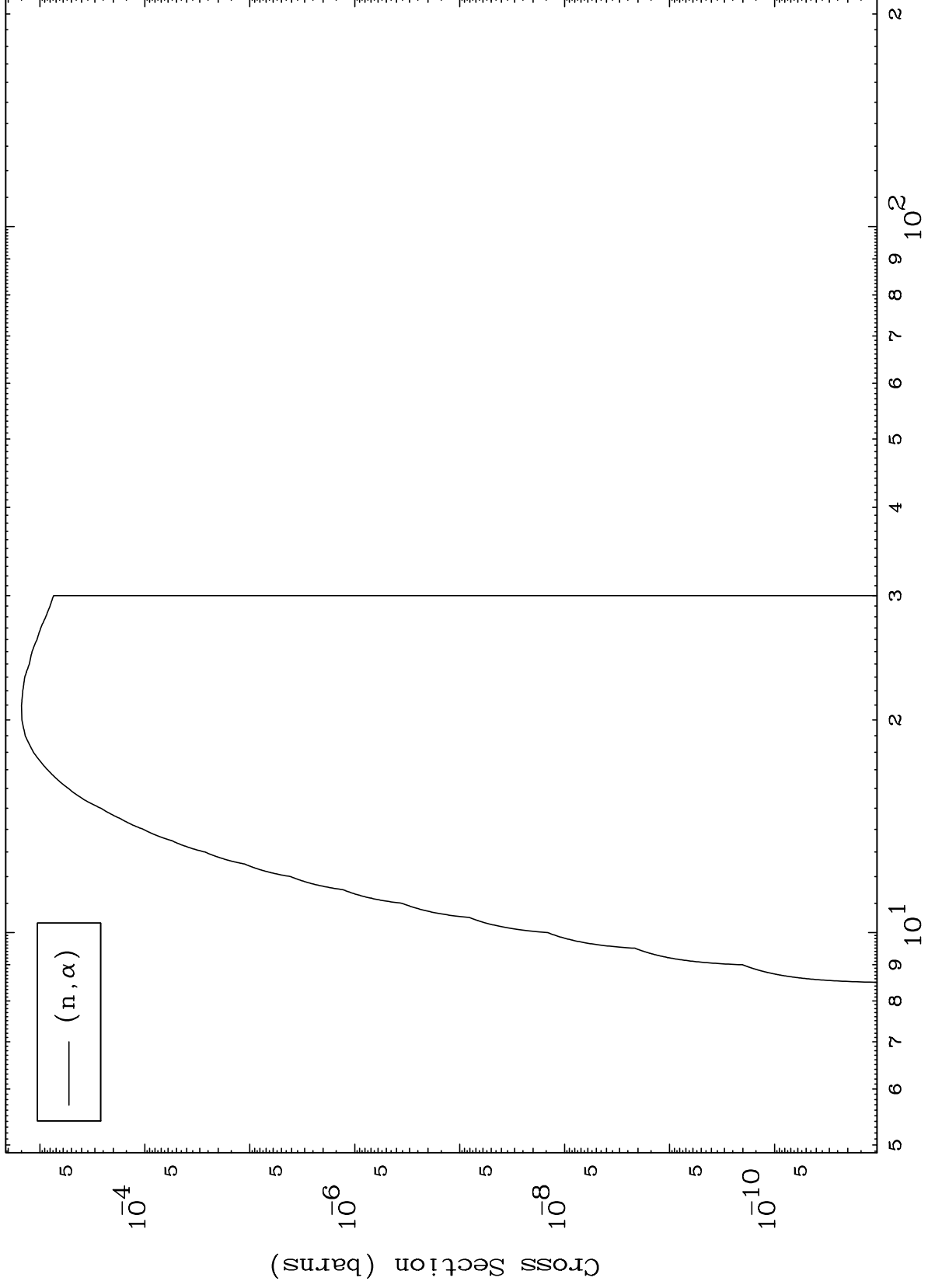
Incident Energy (MeV)

27-Co-65

MAT 2743

(n,α) Levels
293 Kelvin Cross Sections

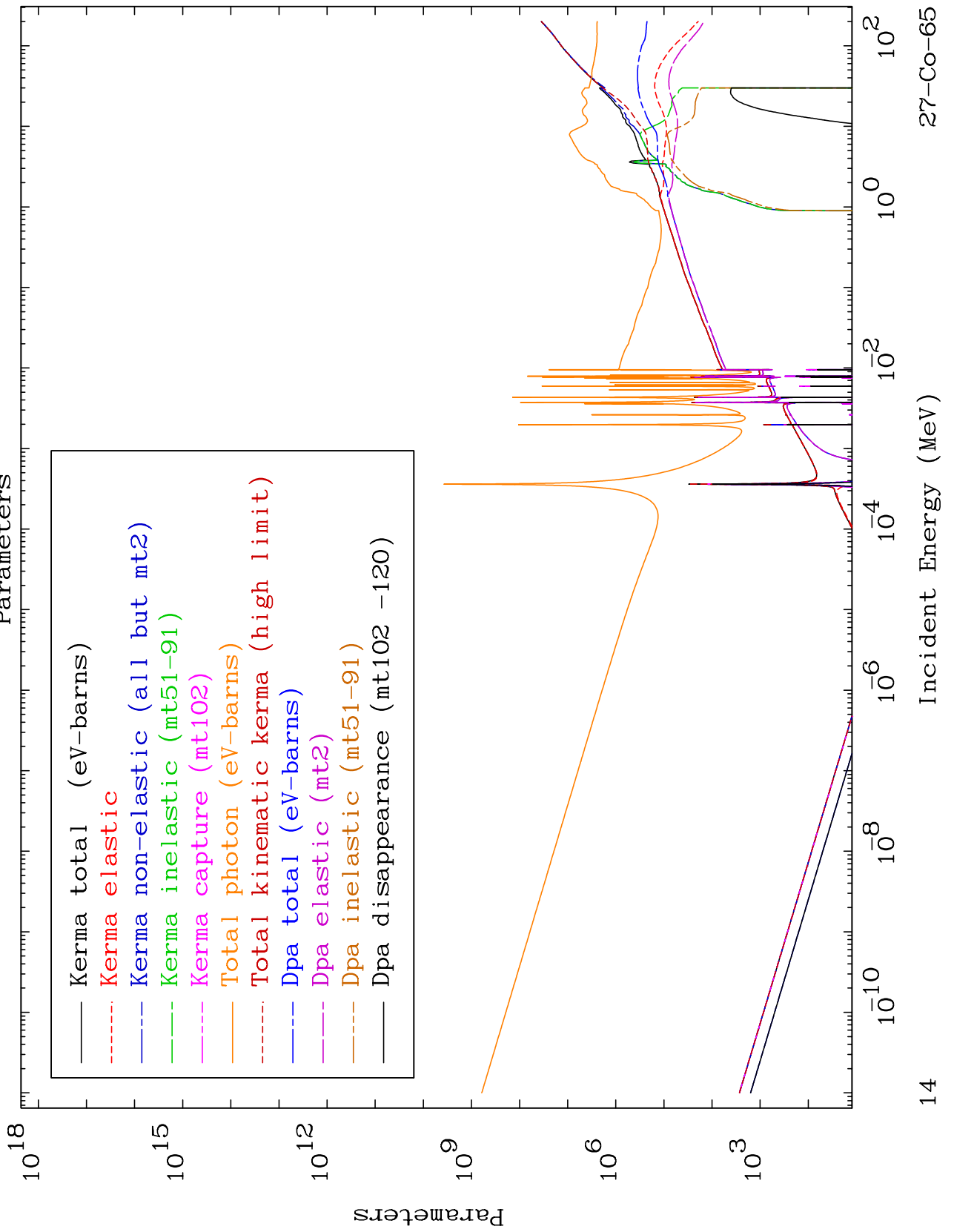
27-Co-65



13

Incident Energy (MeV)

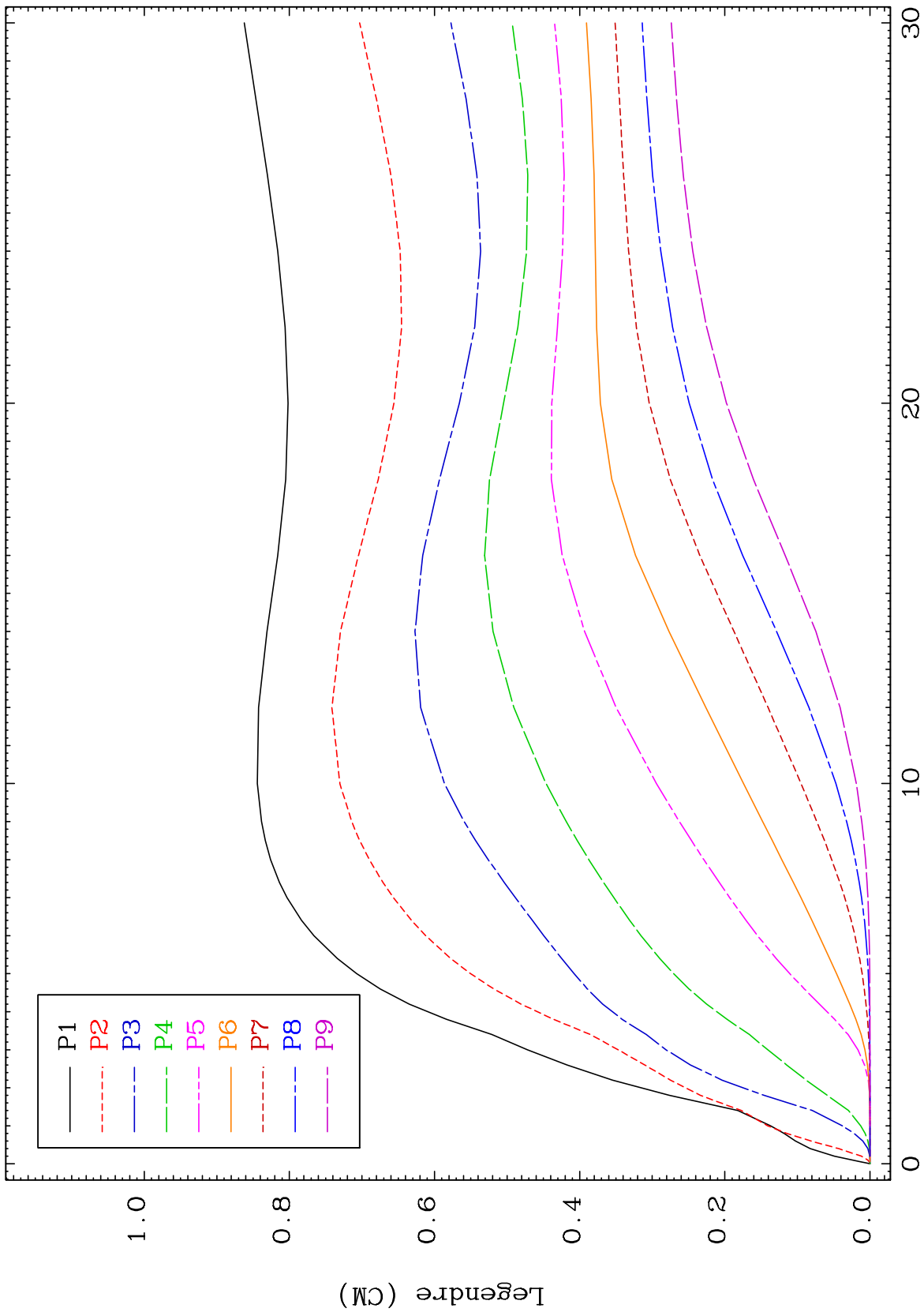
27-Co-65



MAT 2743

Elastic Legendre Coefficients

27-Co-65



15

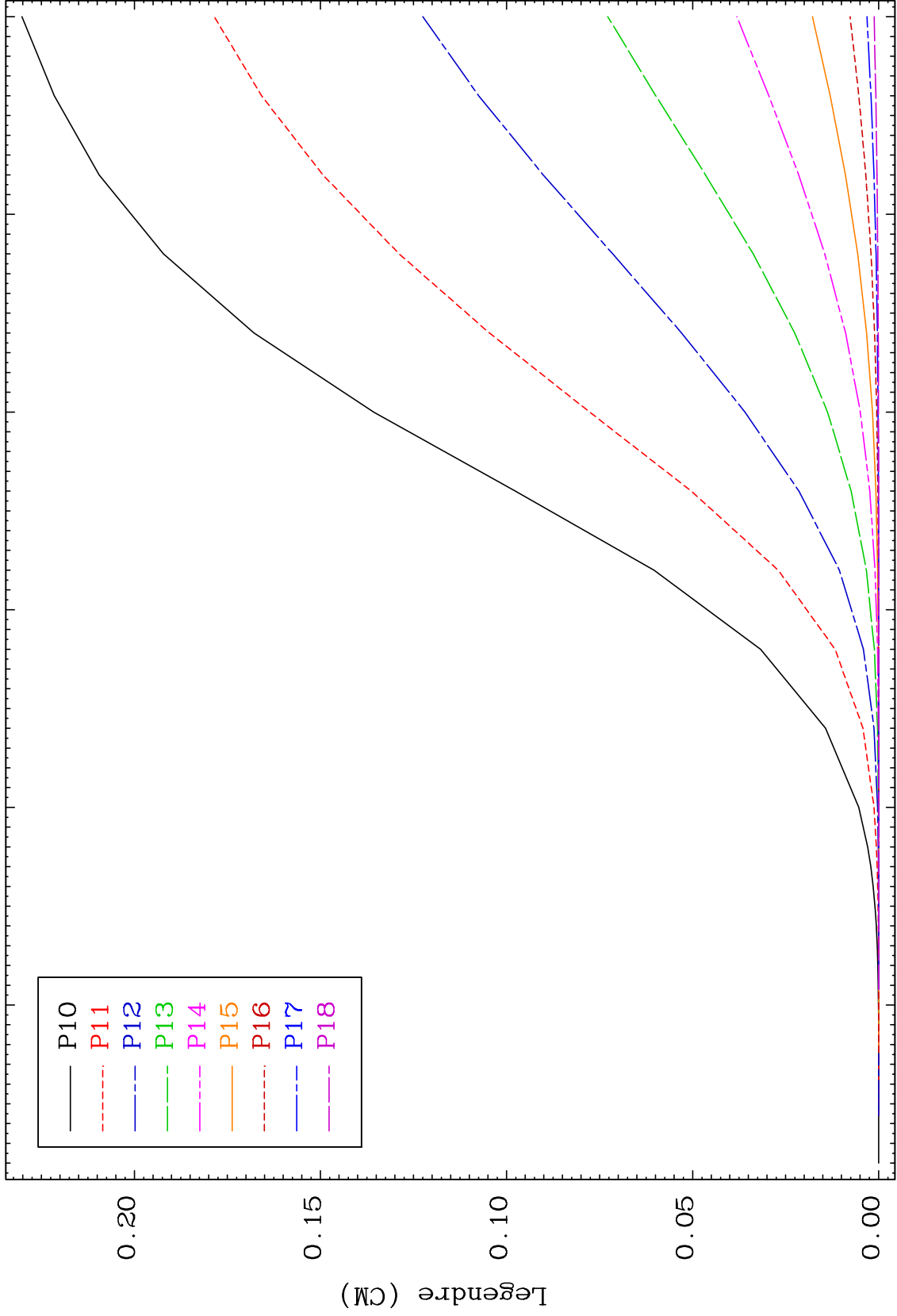
Incident Energy (MeV)

27-Co-65

MAT 2743

Elastic Legendre Coefficients

27-Co-65



16

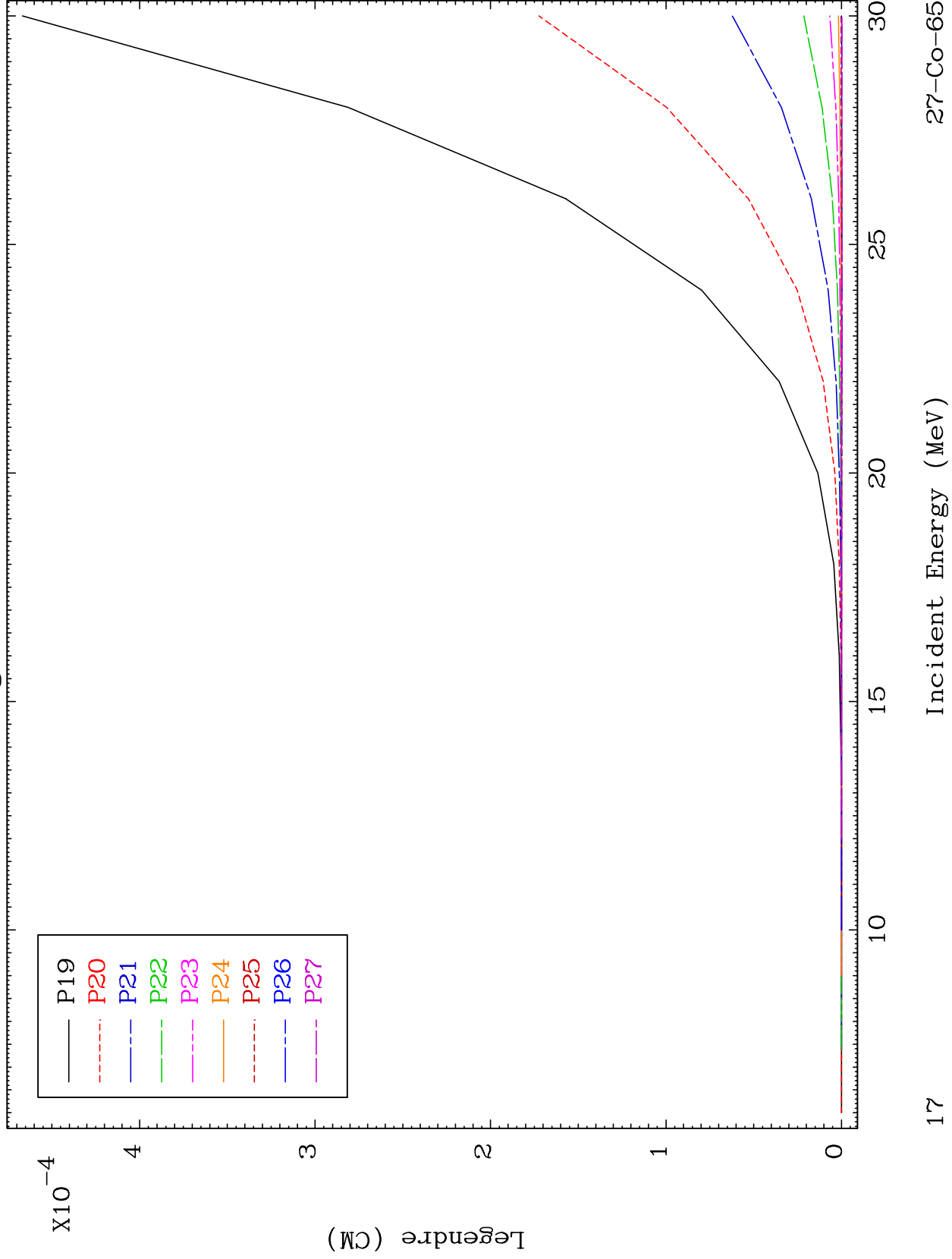
Incident Energy (MeV)

27-Co-65

MAT 2743

Elastic Legendre Coefficients

27-Co-65



17

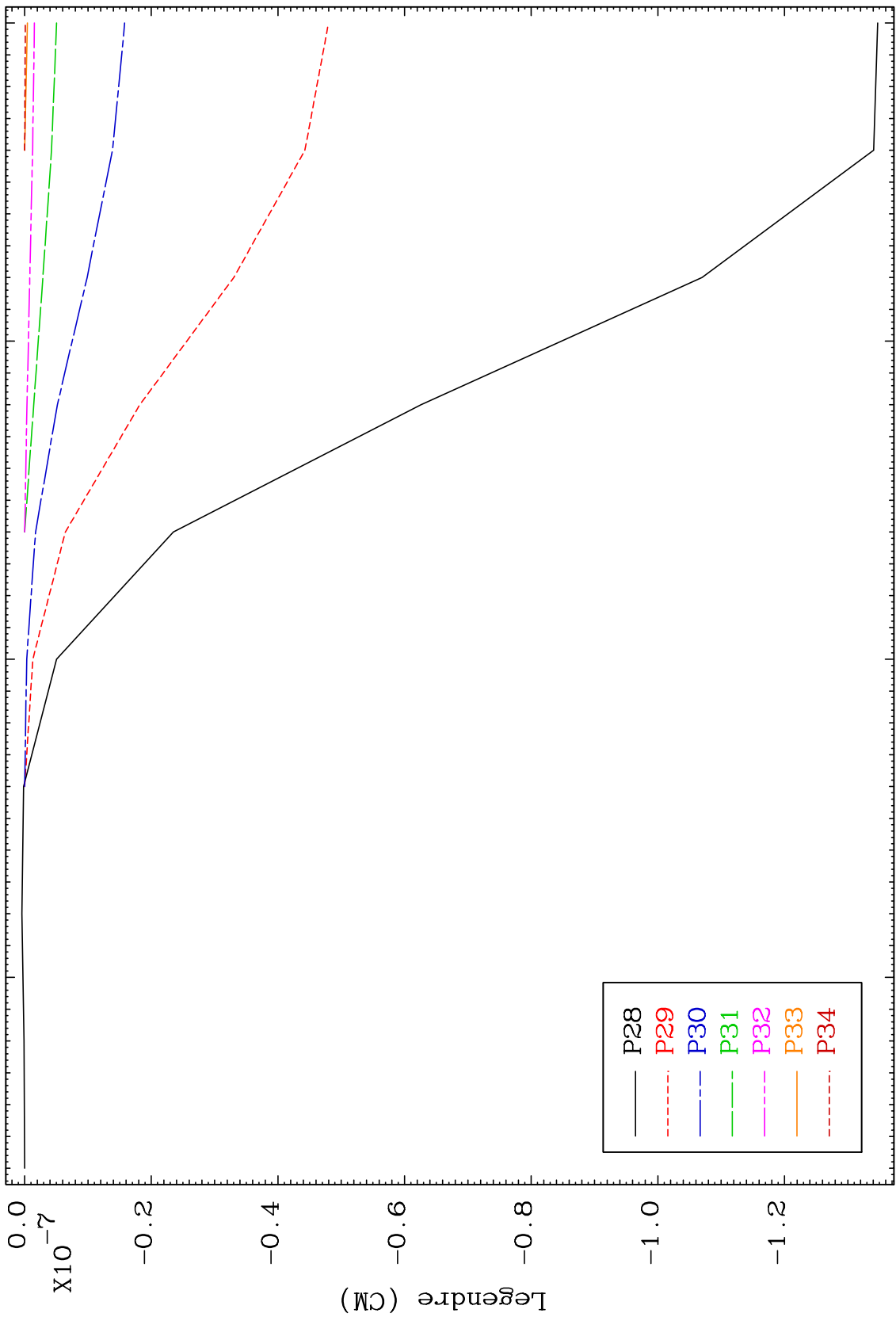
Incident Energy (MeV)

27-Co-65

MAT 2743

27-Co-65

Elastic Legendre Coefficients



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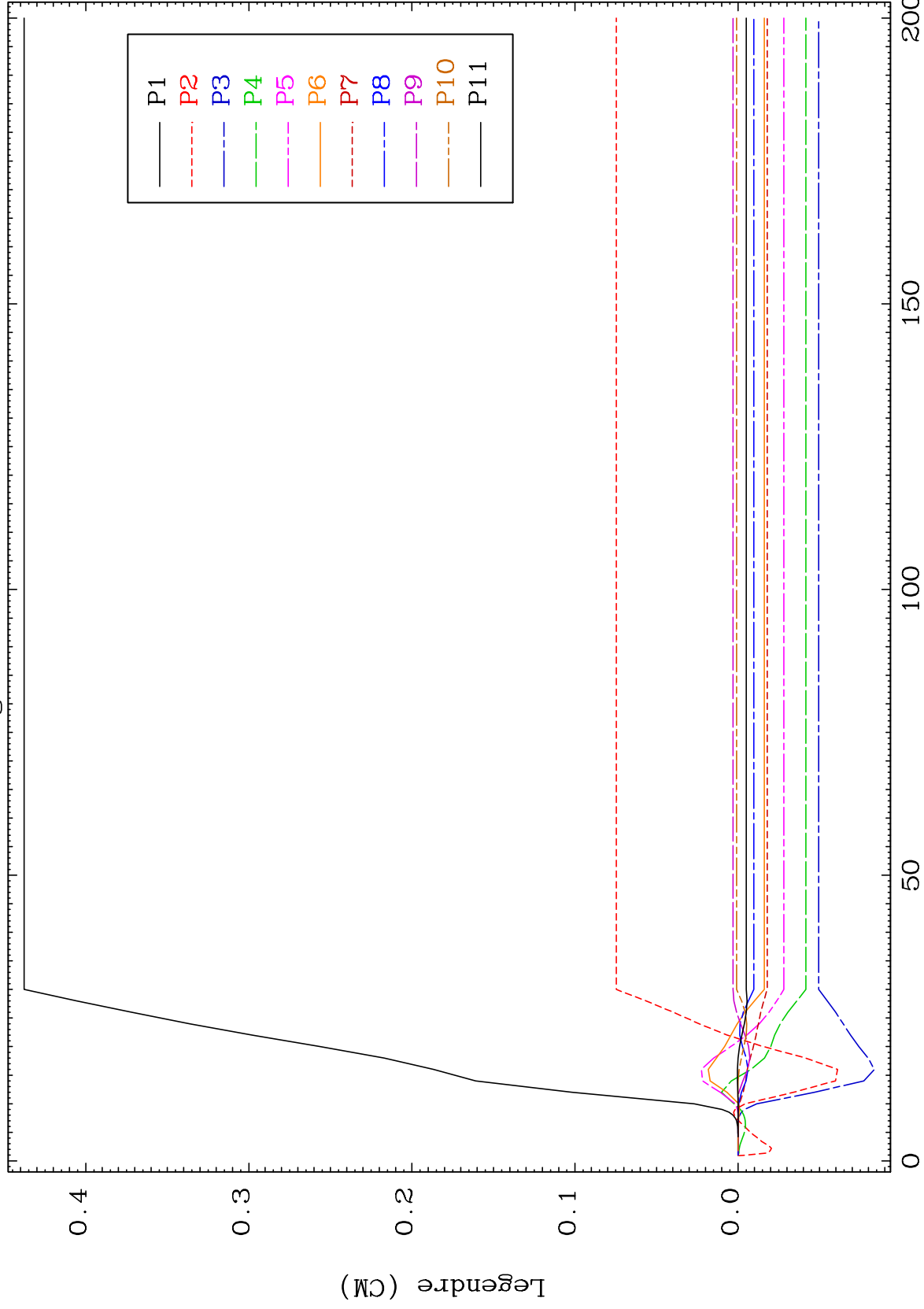
Incident Energy (MeV)

27-Co-65

MAT 2743

882.5 keV (n,n') Level
Legendre Coefficients

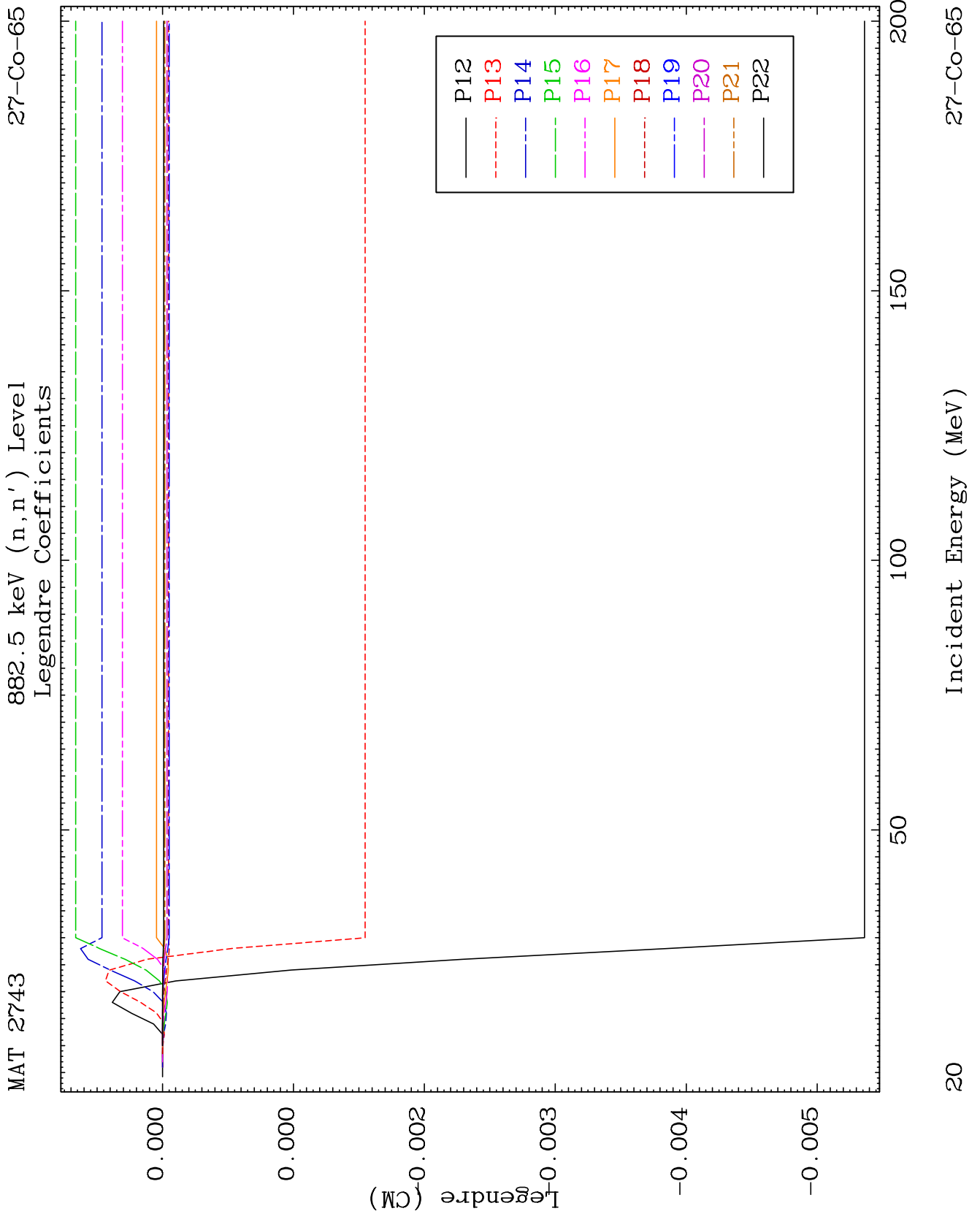
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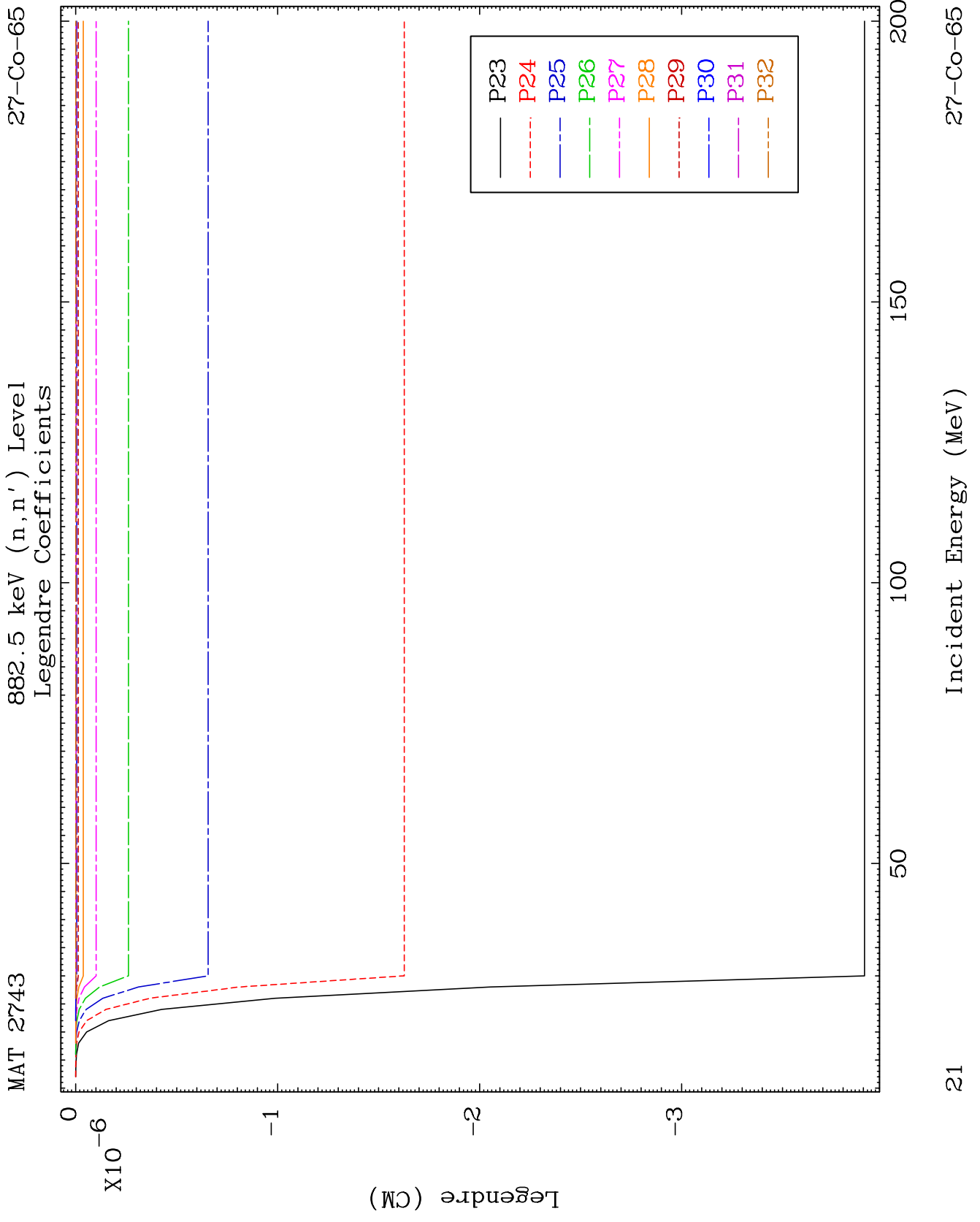


19

Incident Energy (MeV)

27-Co-65

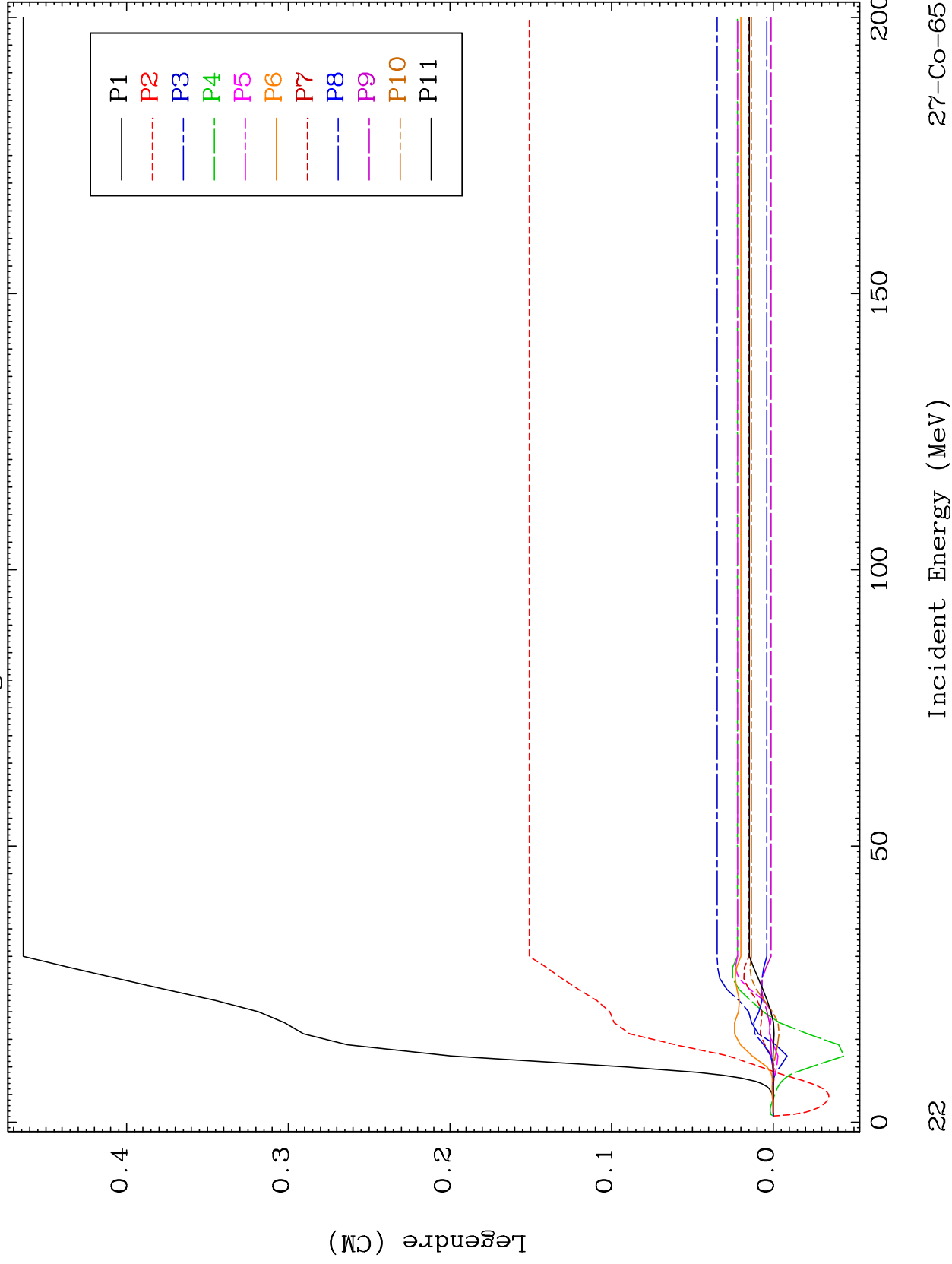


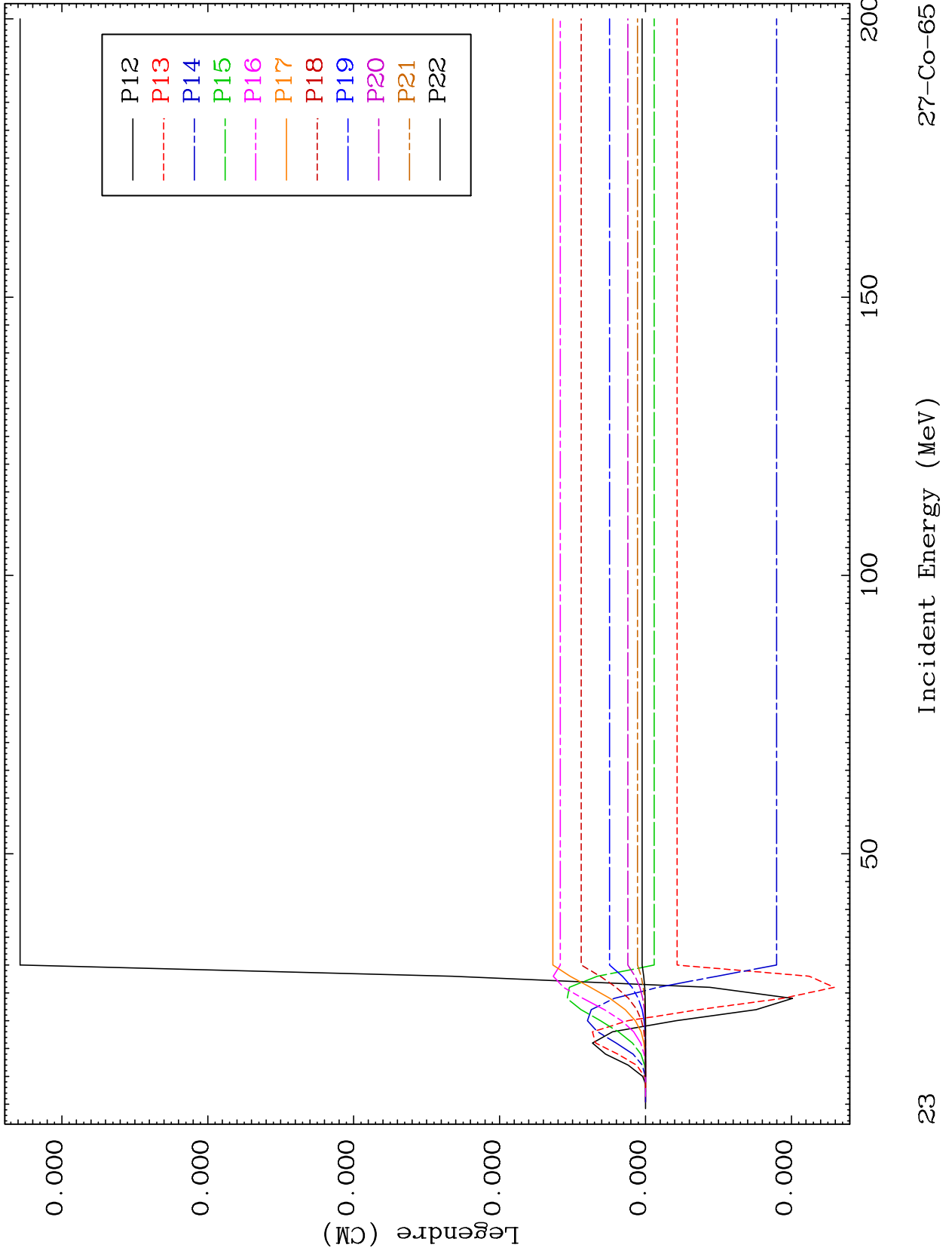


MAT 2743

1.095 MeV (n,n') Level
Legendre Coefficients

27-Co-65

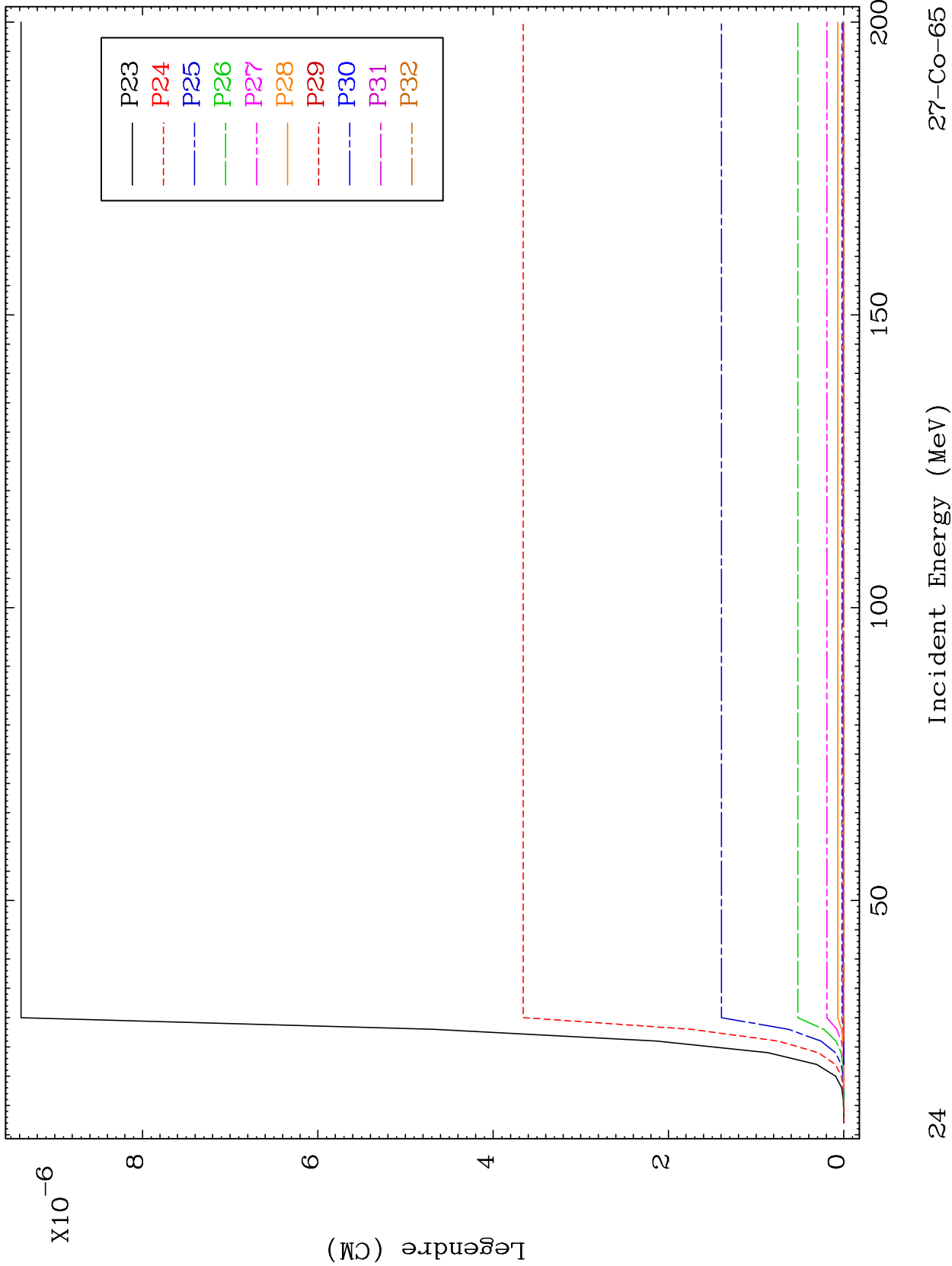




MAT 2743

1.095 MeV (n,n') Level
Legendre Coefficients

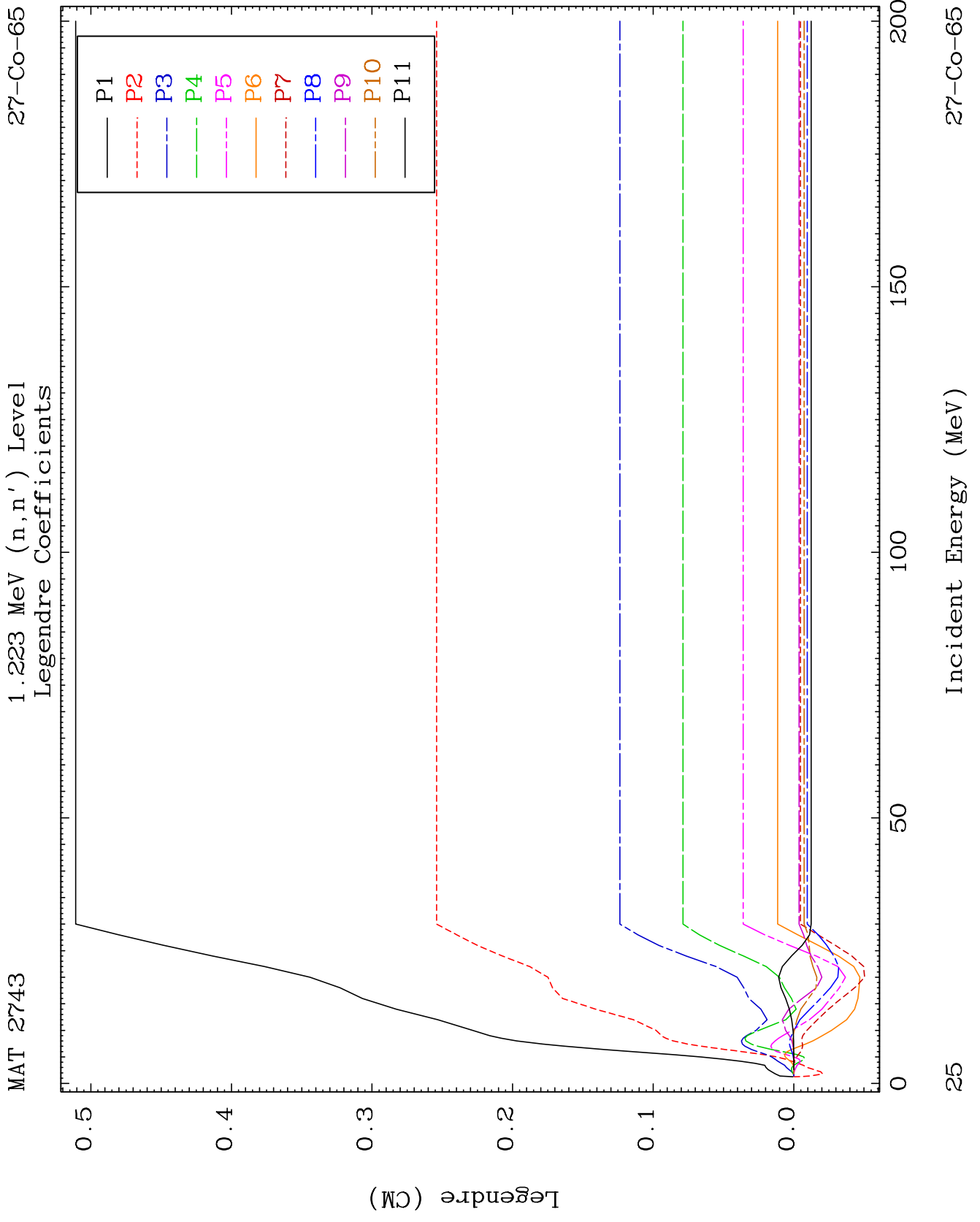
27-Co-65



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Incident Energy (MeV)

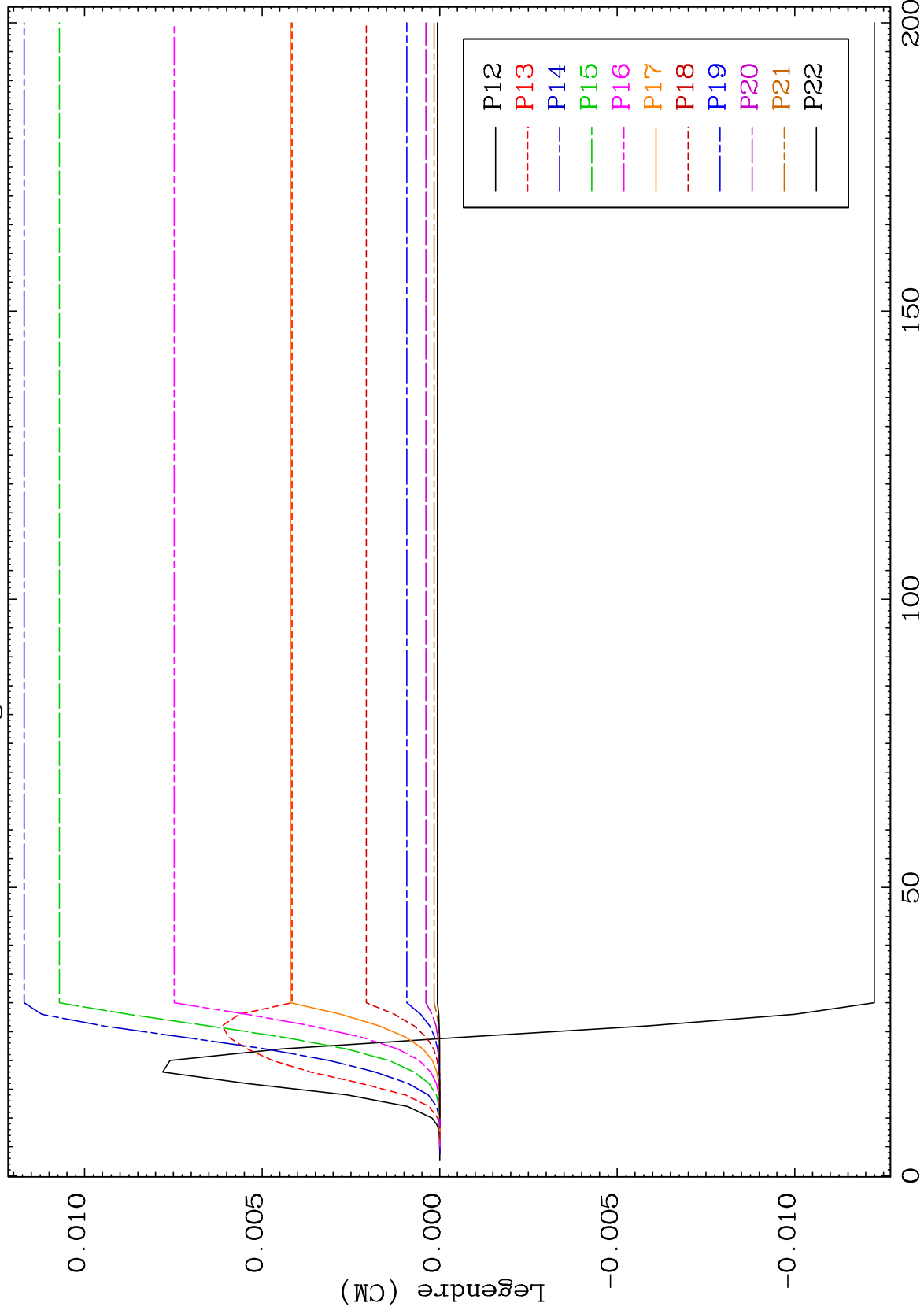
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MAT 2743

1.223 MeV (n,n') Level
Legendre Coefficients

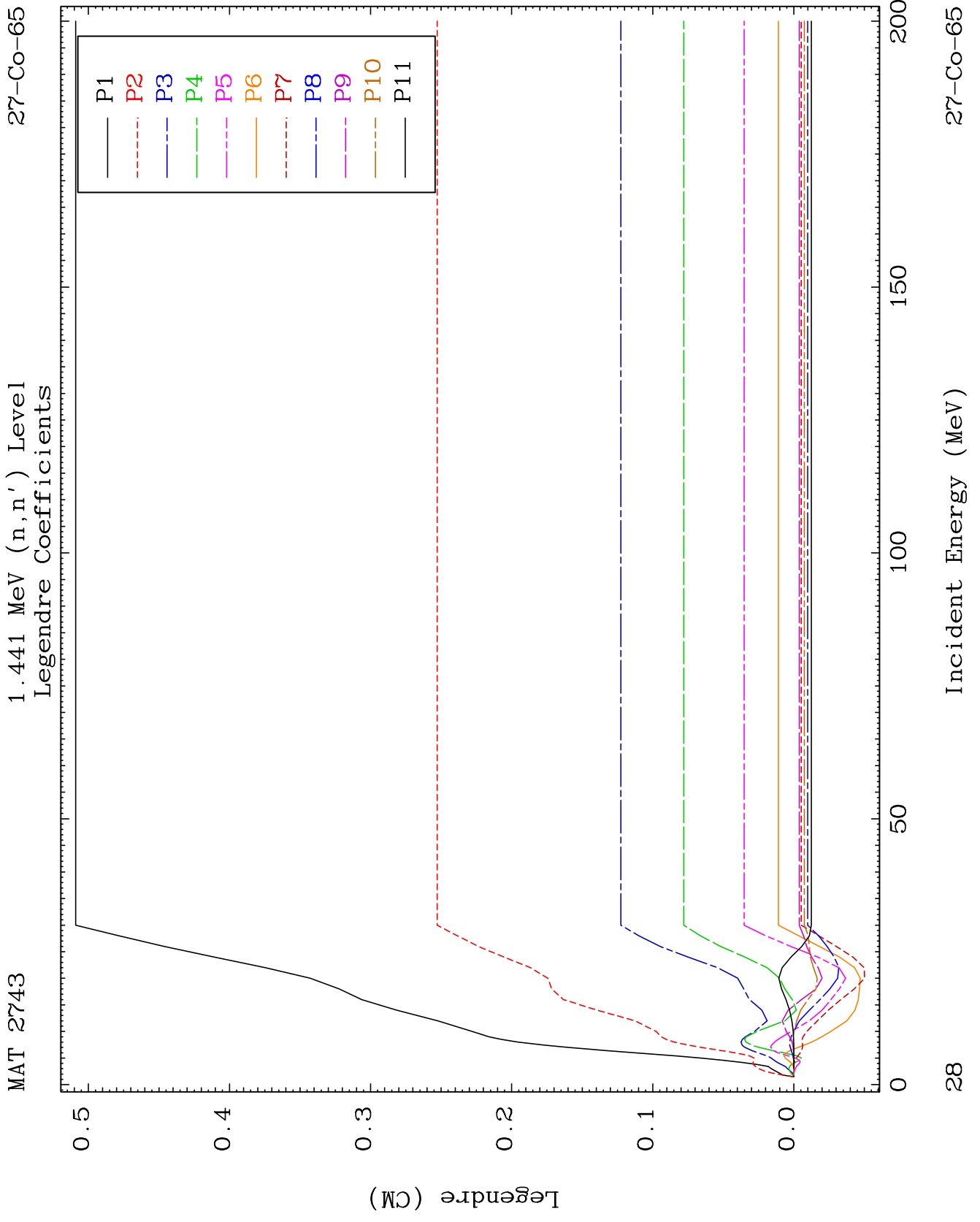
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Incident Energy (MeV)

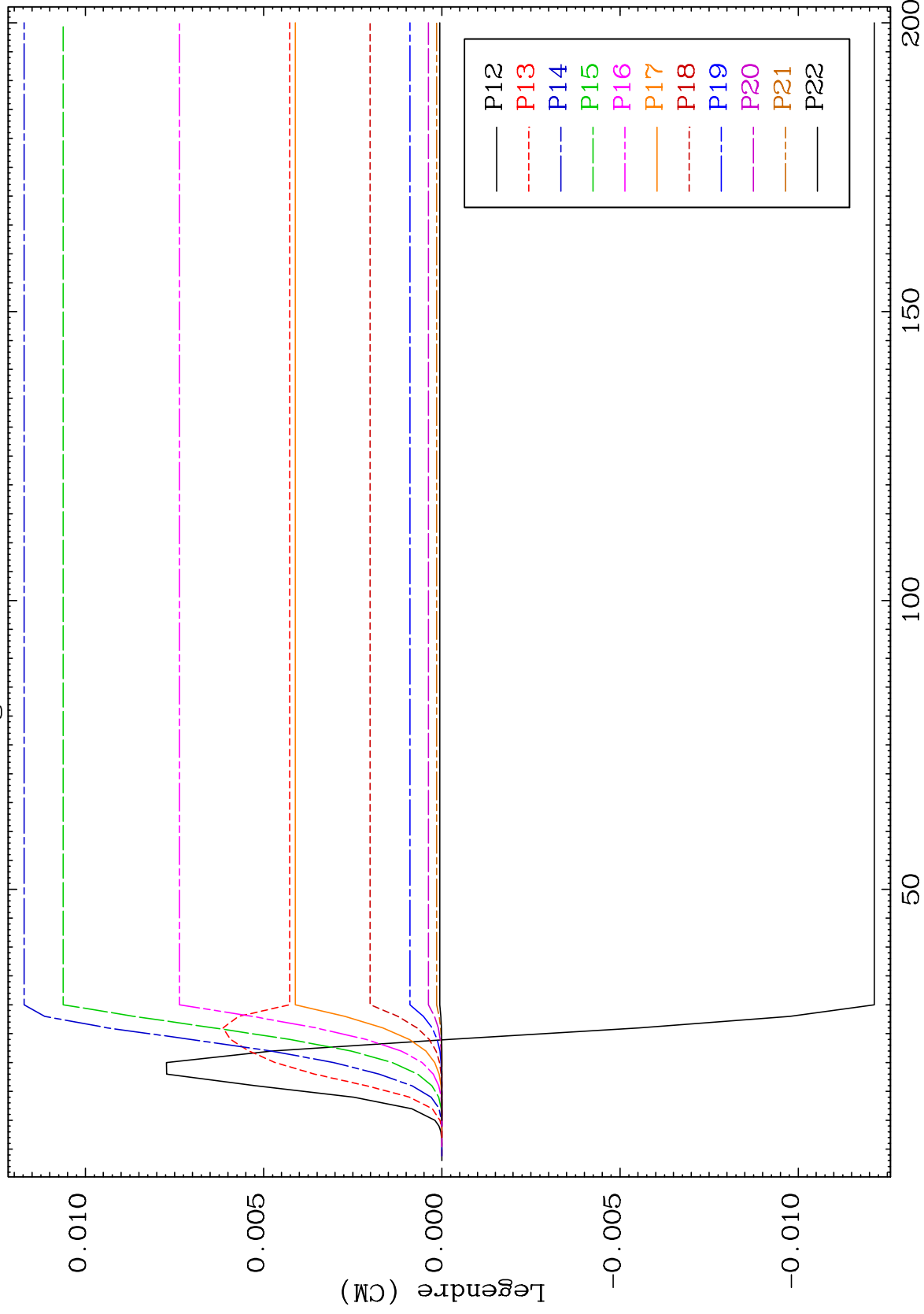
27-Co-65



MAT 2743

1.441 MeV (n,n') Level
Legendre Coefficients

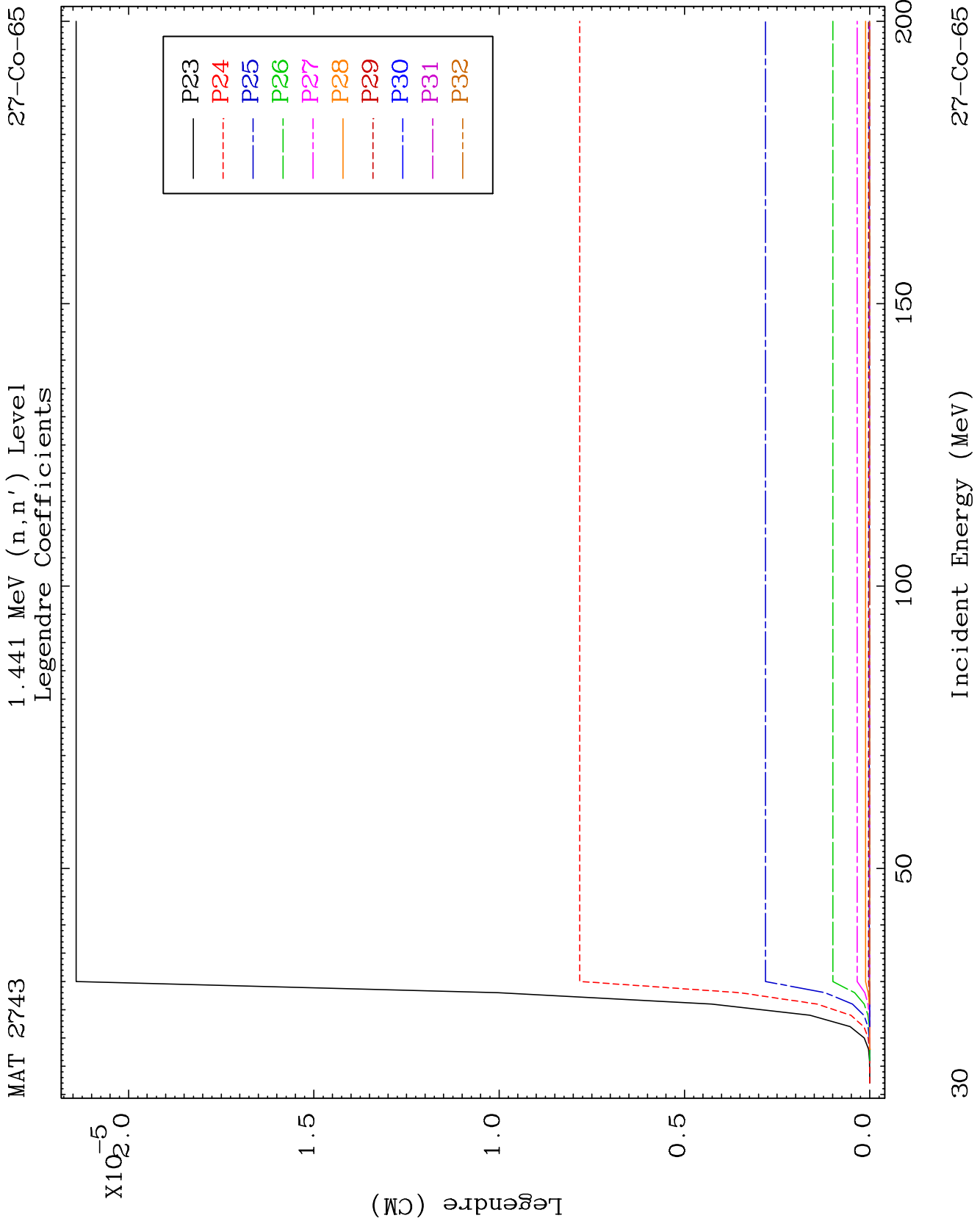
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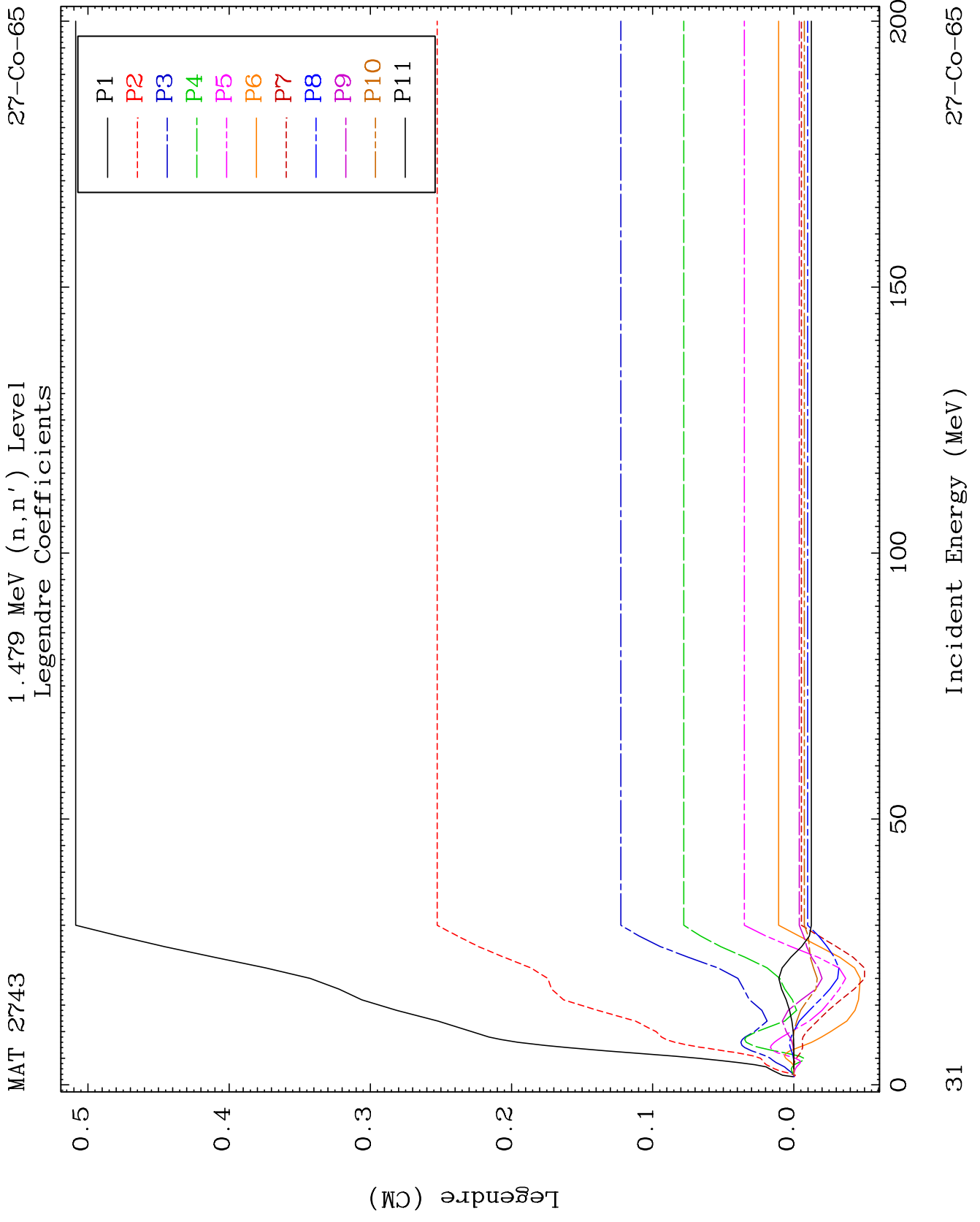


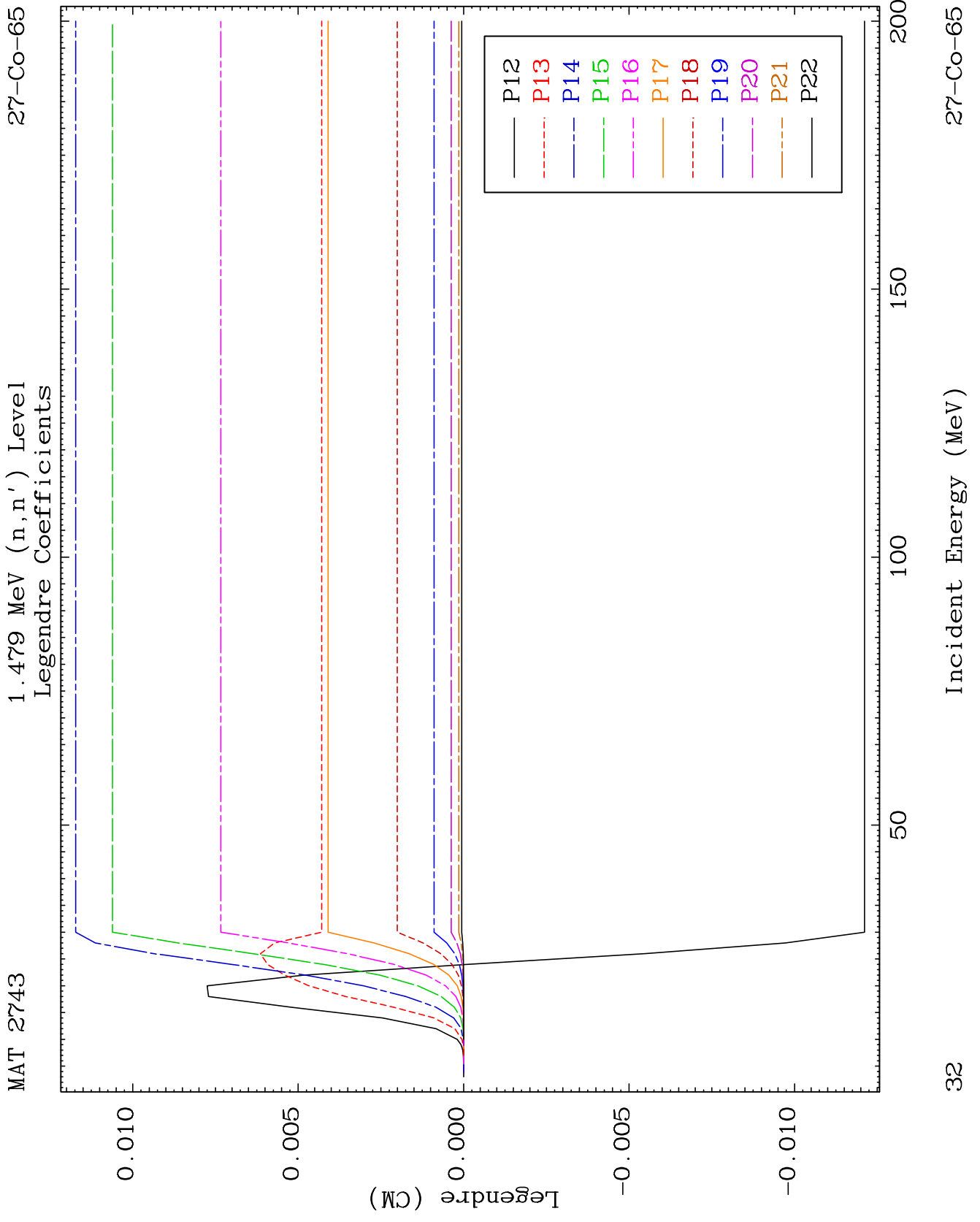
29

Incident Energy (MeV)

27-Co-65



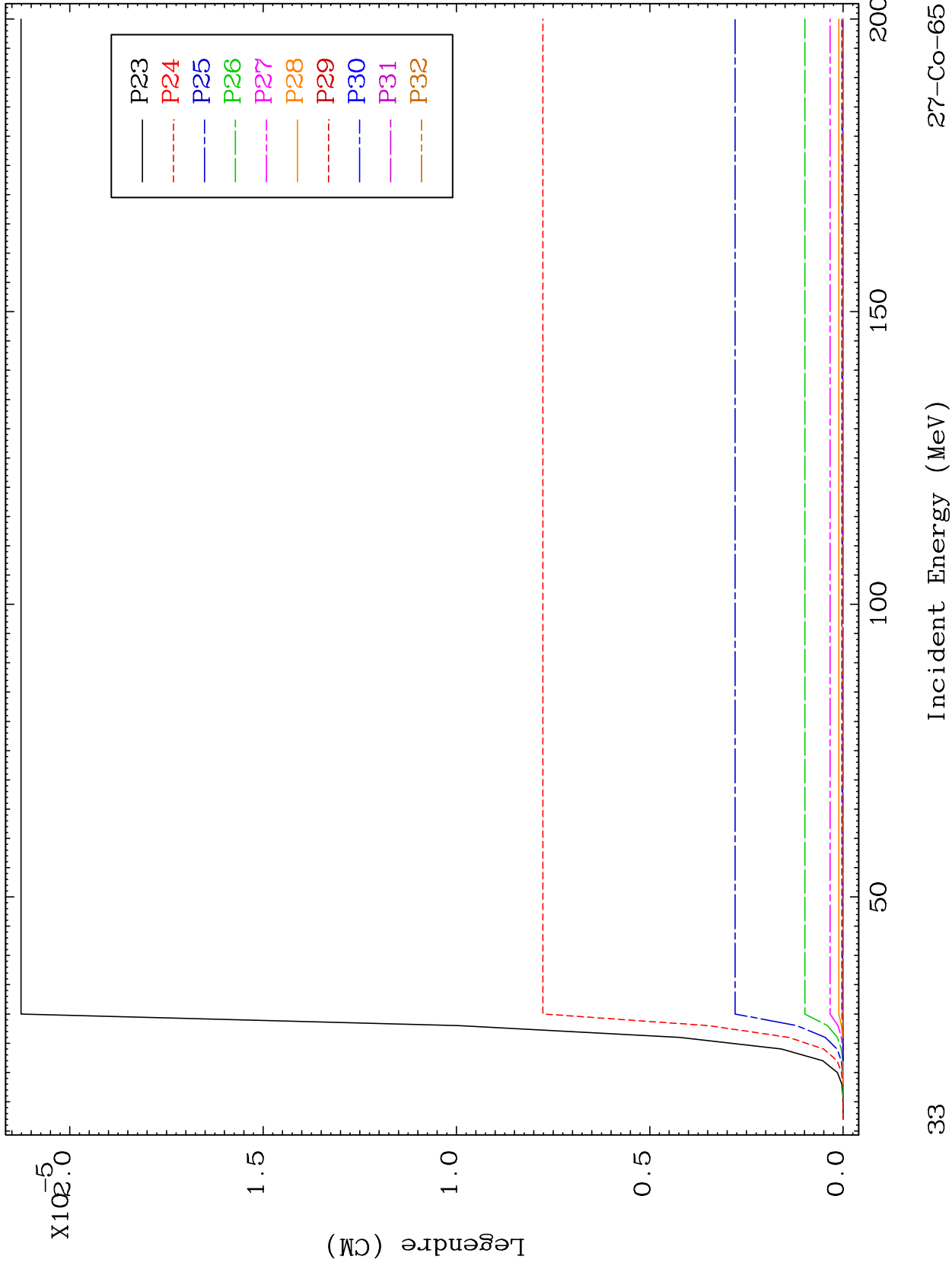




MAT 2743

1.479 MeV (n, n') Level
Legendre Coefficients

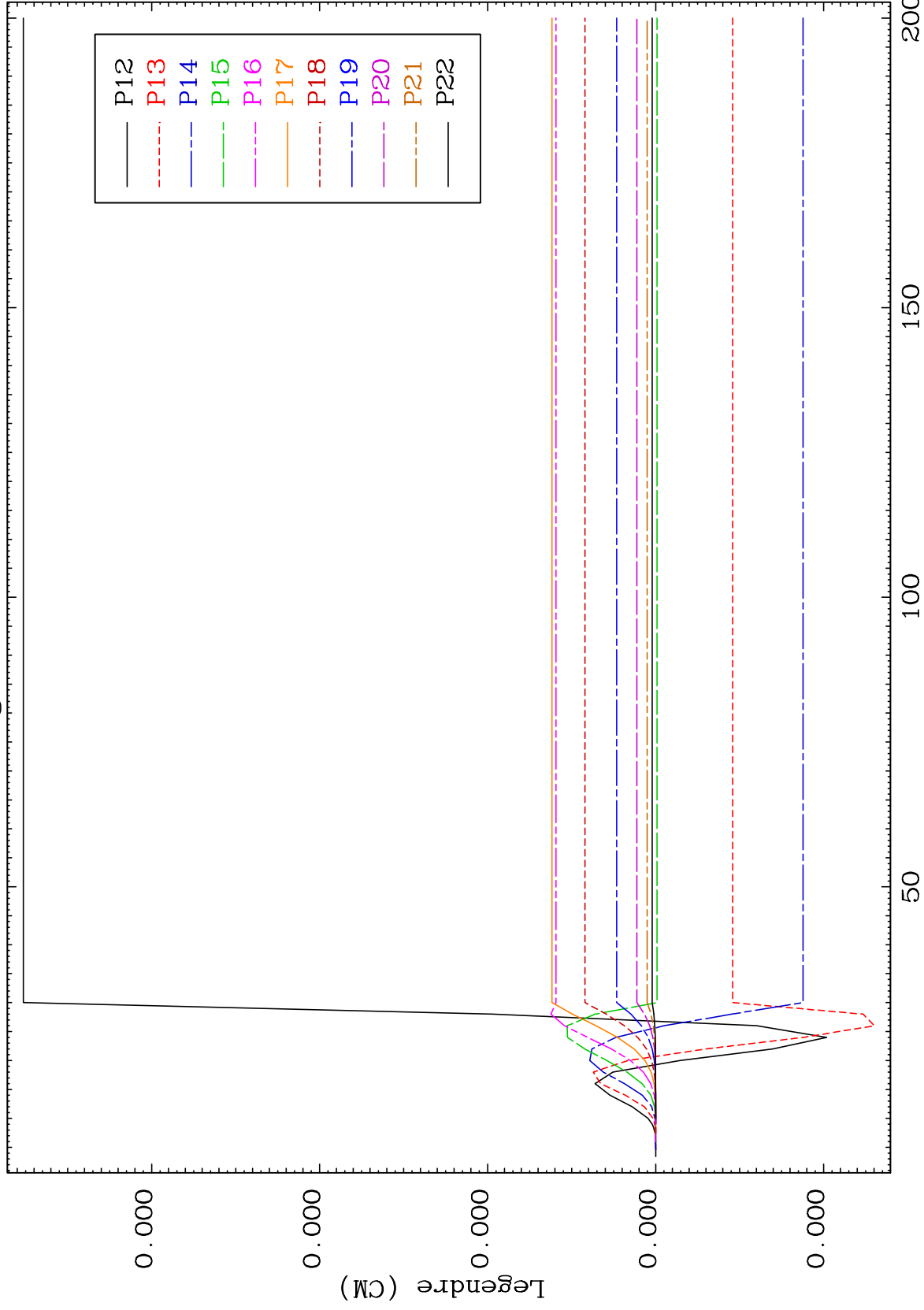
27-Co-65



MAT 2743

1.625 MeV (n,n') Level
Legendre Coefficients

27-Co-65



35

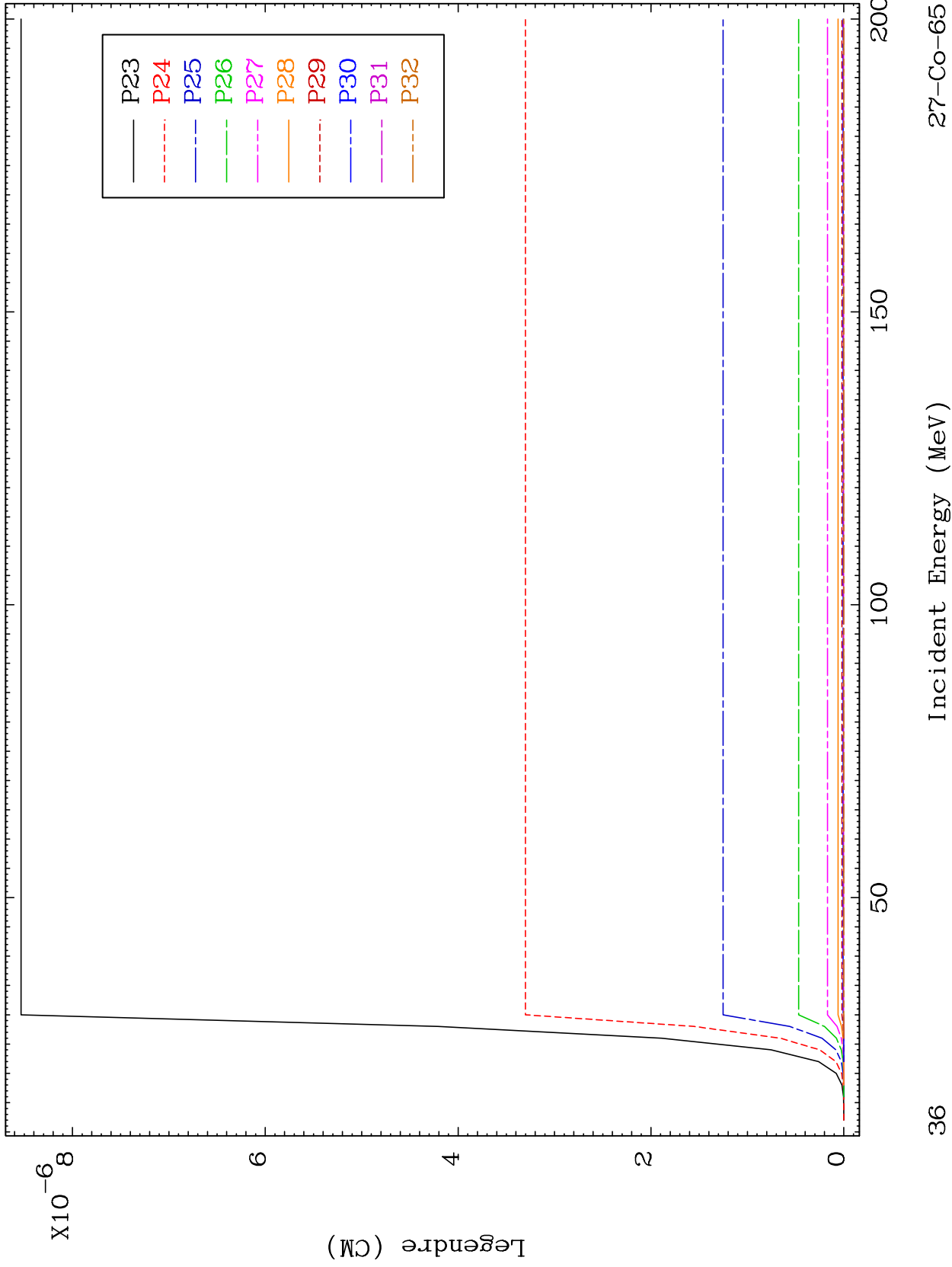
Incident Energy (MeV)

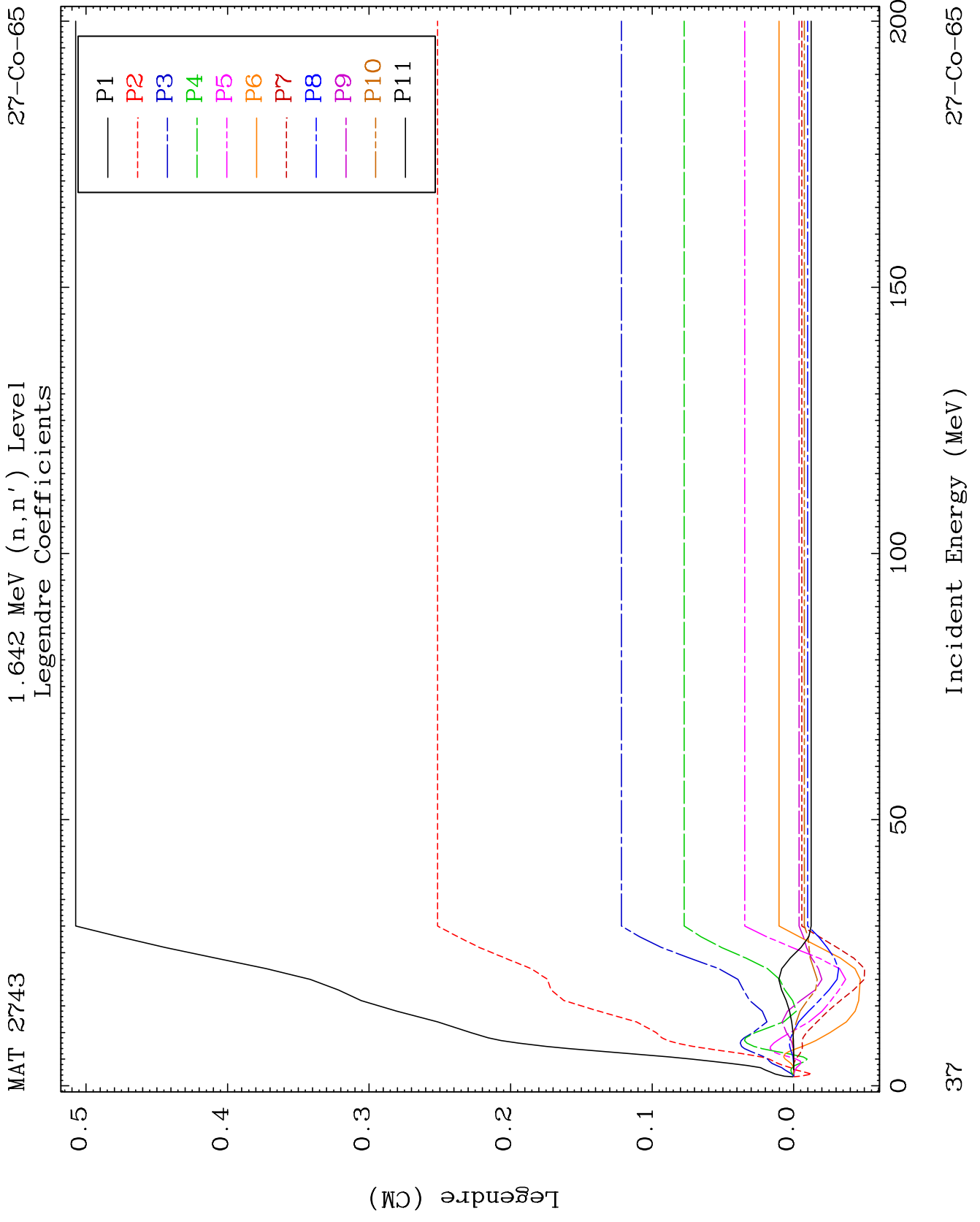
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MAT 2743

1.625 MeV (n,n') Level
Legendre Coefficients

27-Co-65

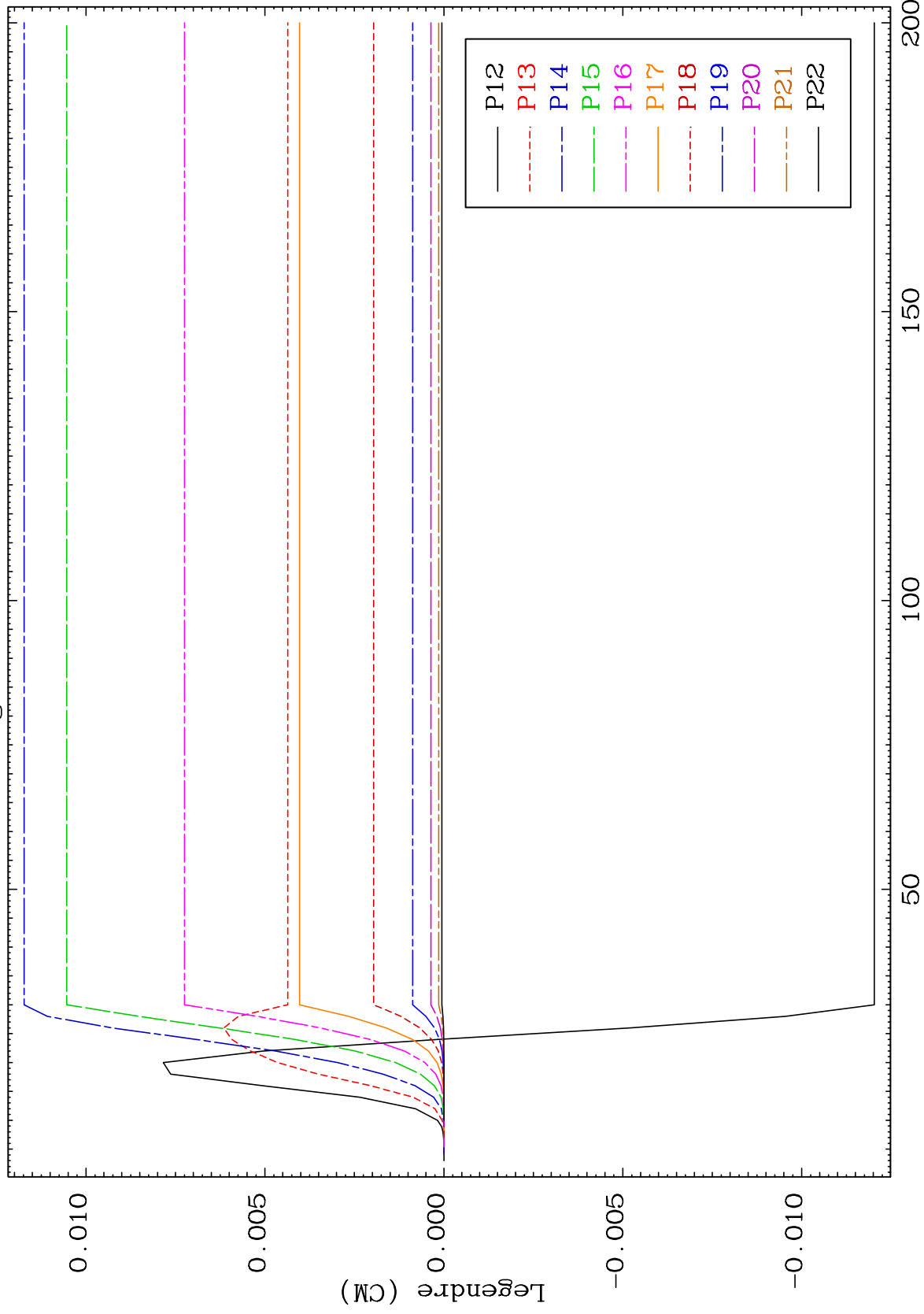




MAT 2743

1.642 MeV (n,n') Level
Legendre Coefficients

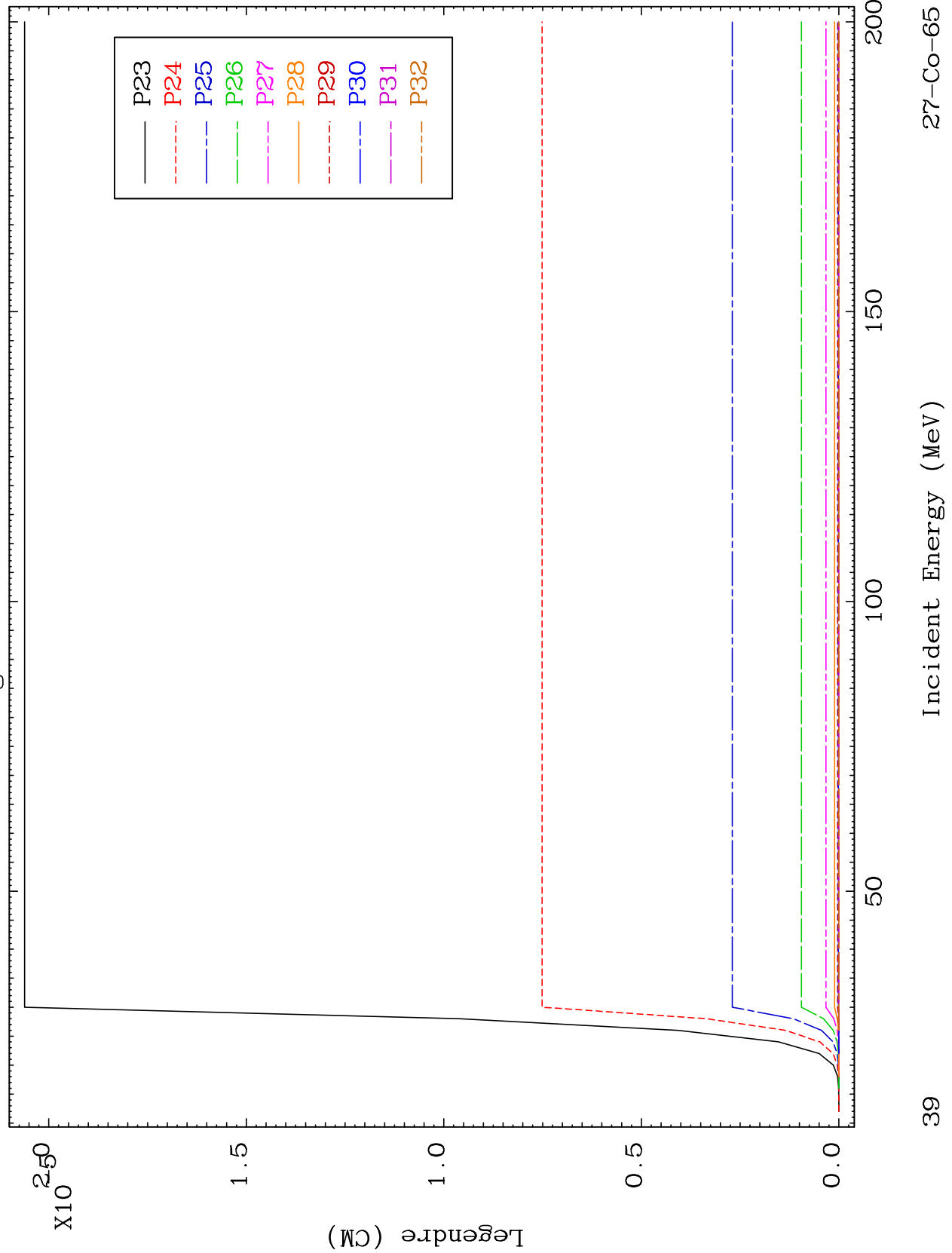
27-Co-65



38

Incident Energy (MeV)

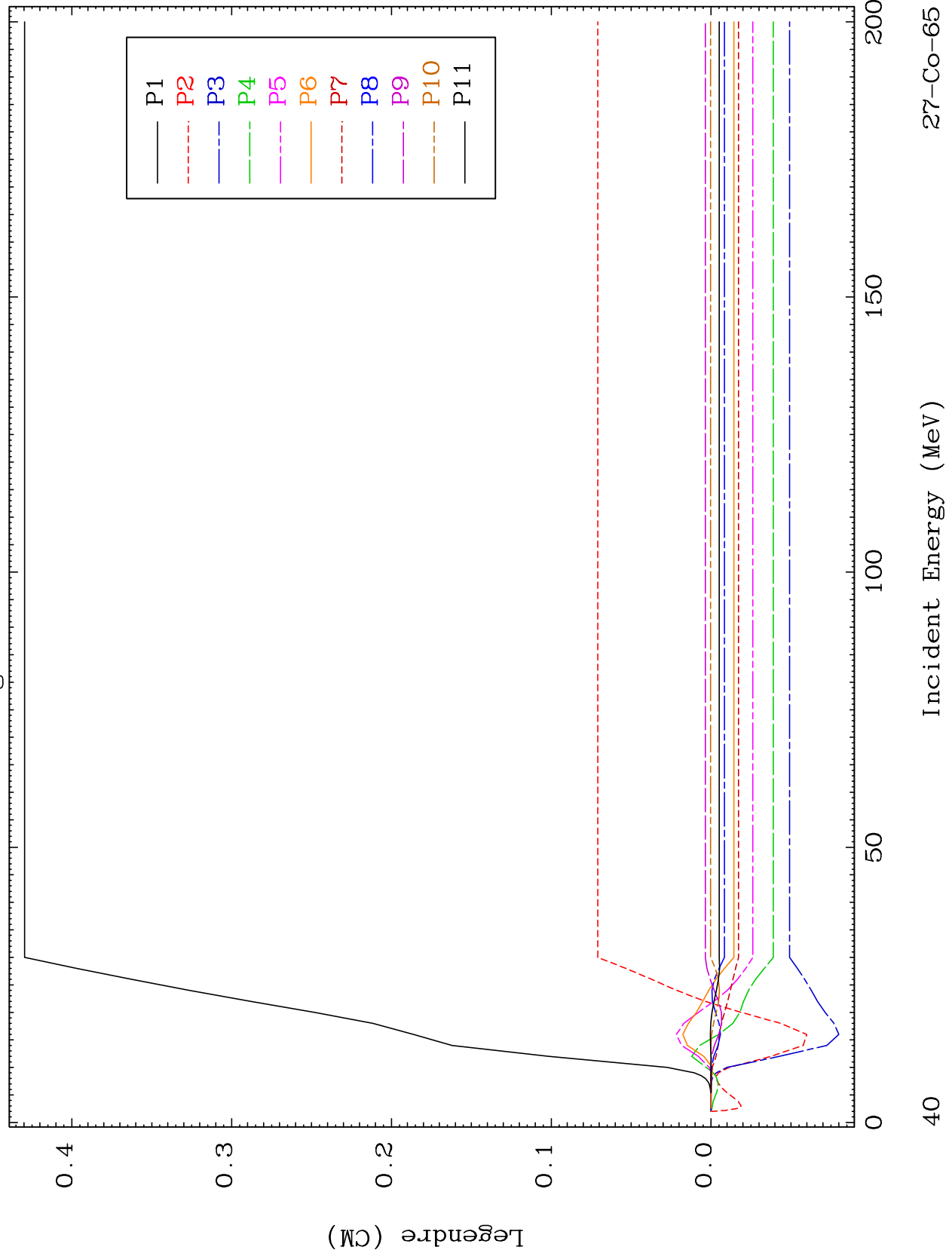
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MAT 2743

1.959 MeV (n,n') Level
Legendre Coefficients

27-Co-65

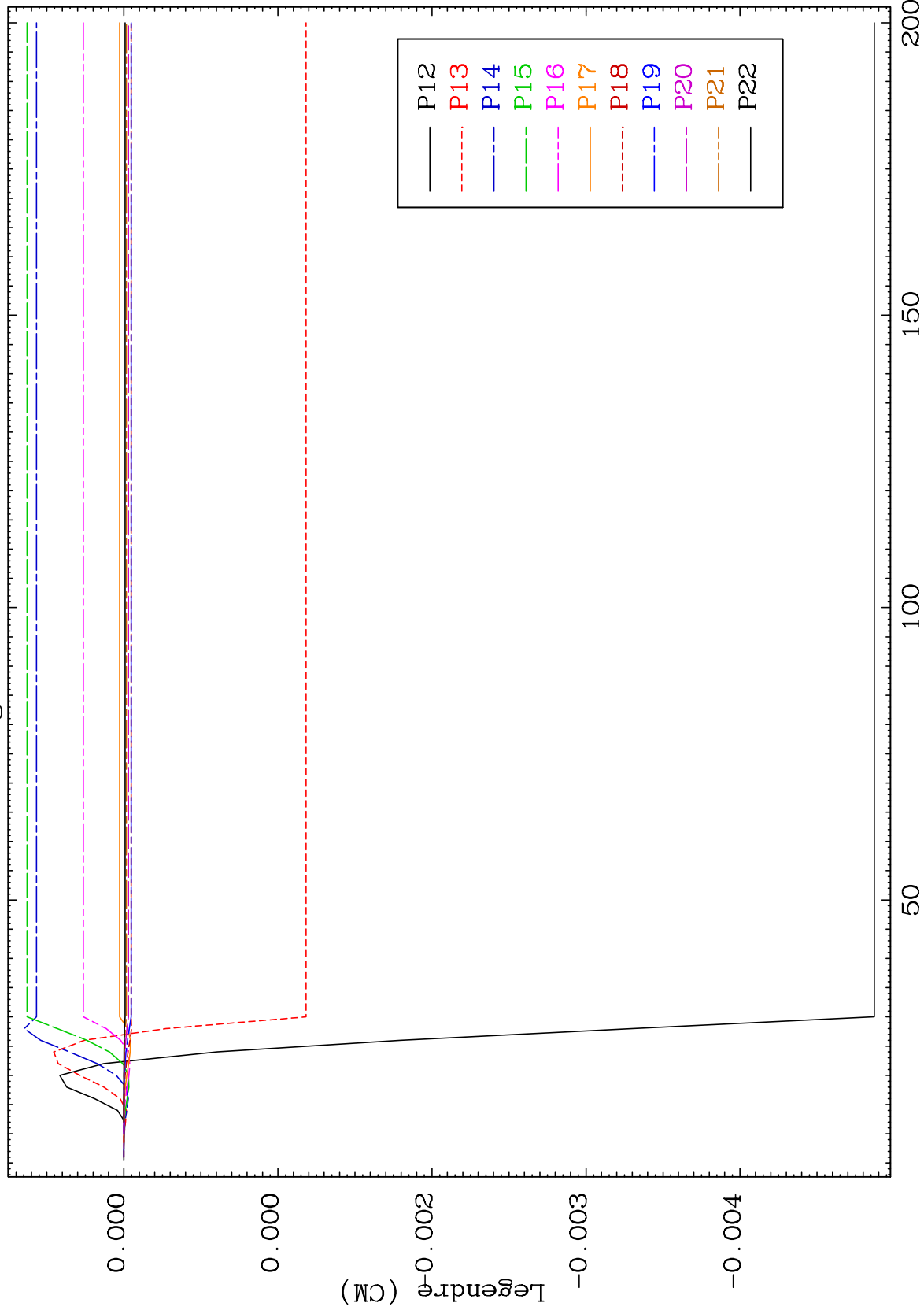


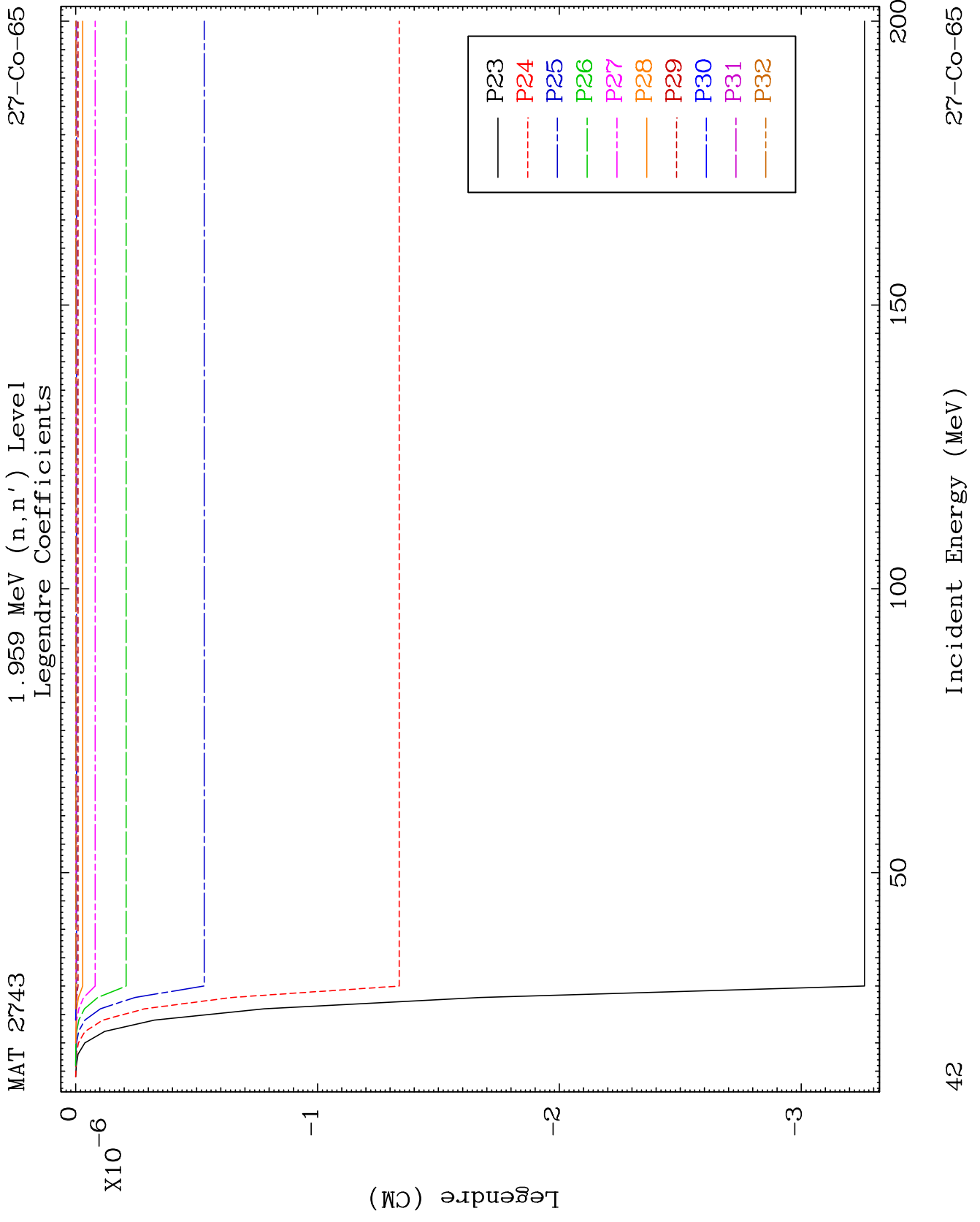
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MAT 2743

1.959 MeV (n,n') Level
Legendre Coefficients

27-Co-65

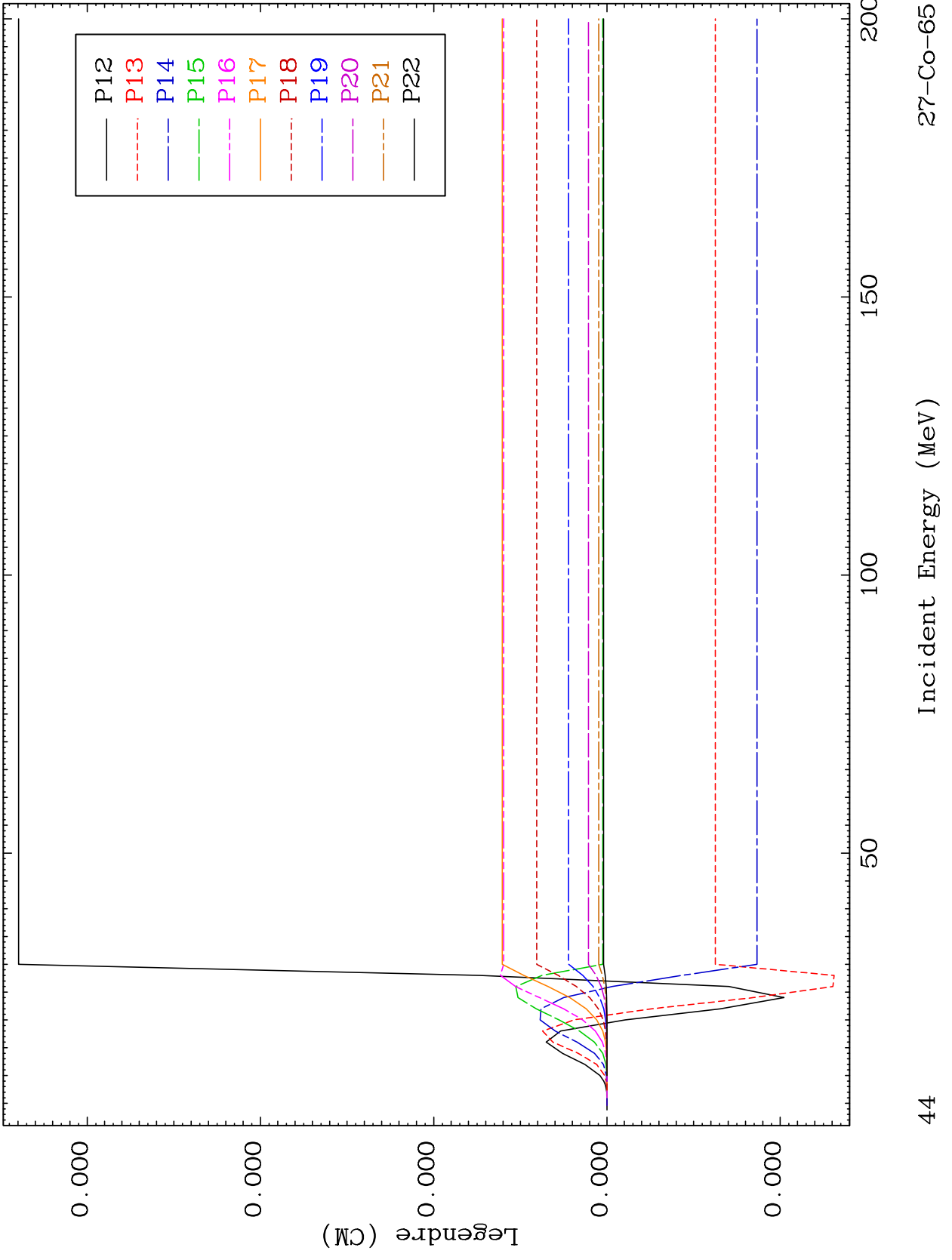


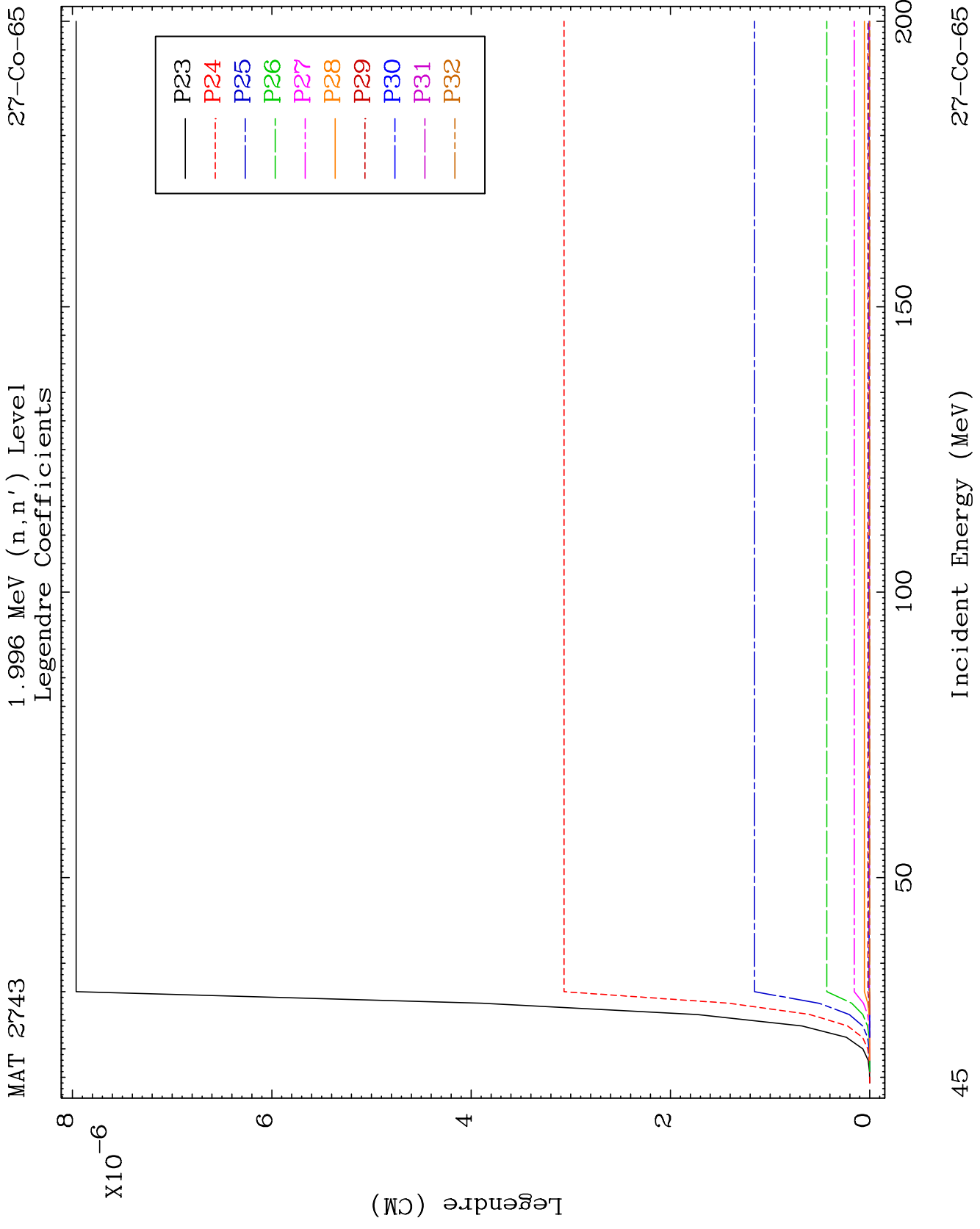


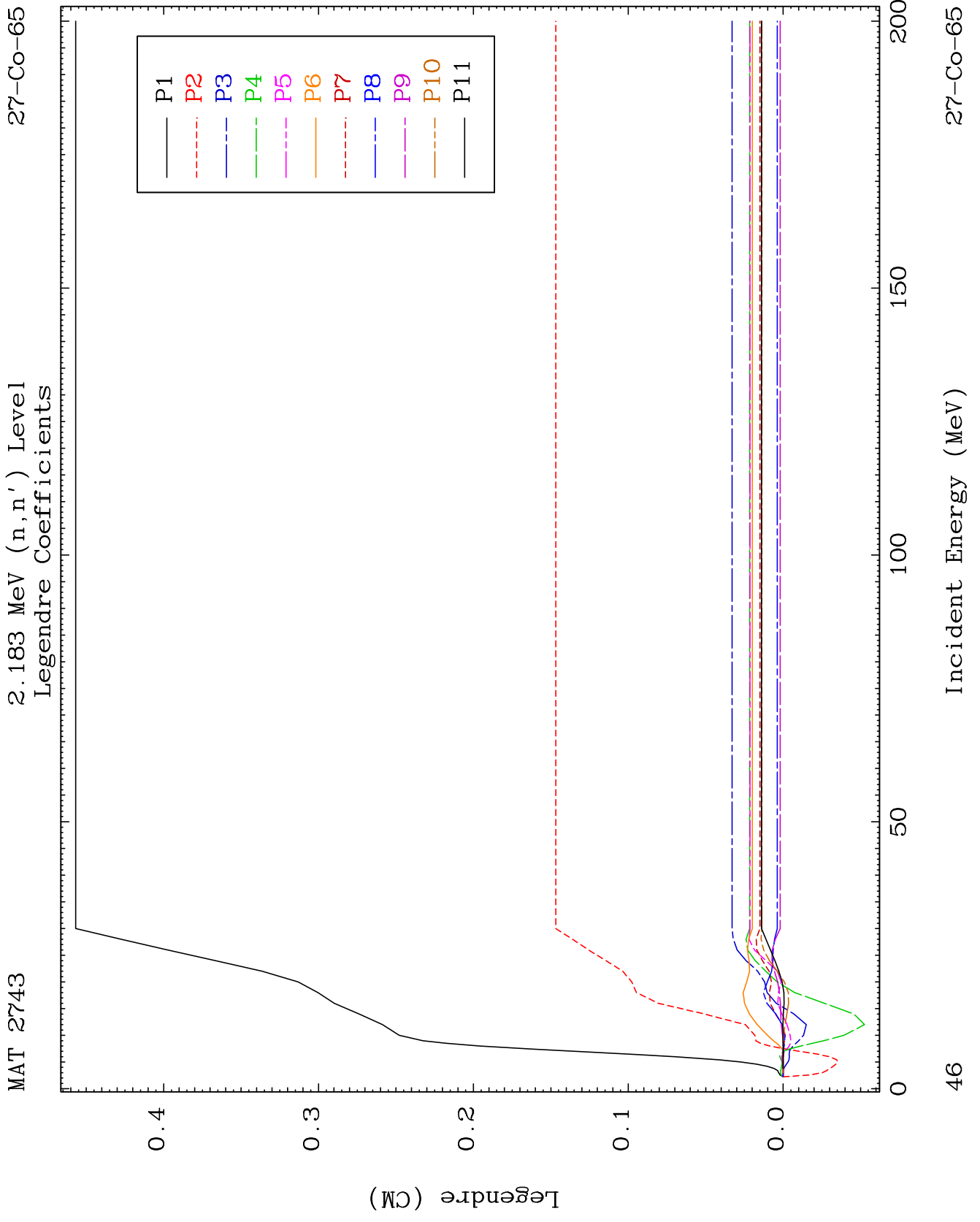
MAT 2743

1.996 MeV (n,n') Level
Legendre Coefficients

27-Co-65



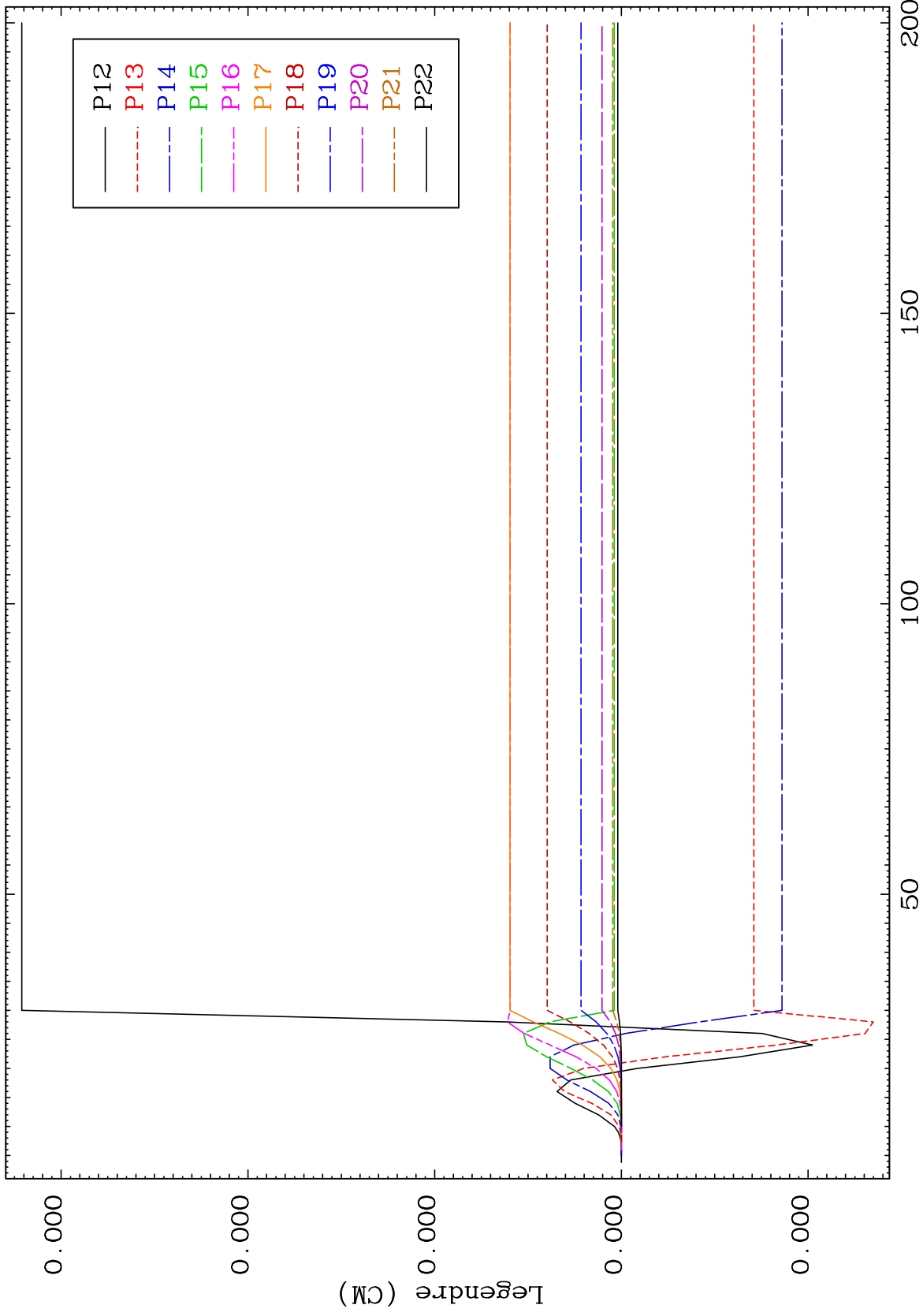




MAT 2743

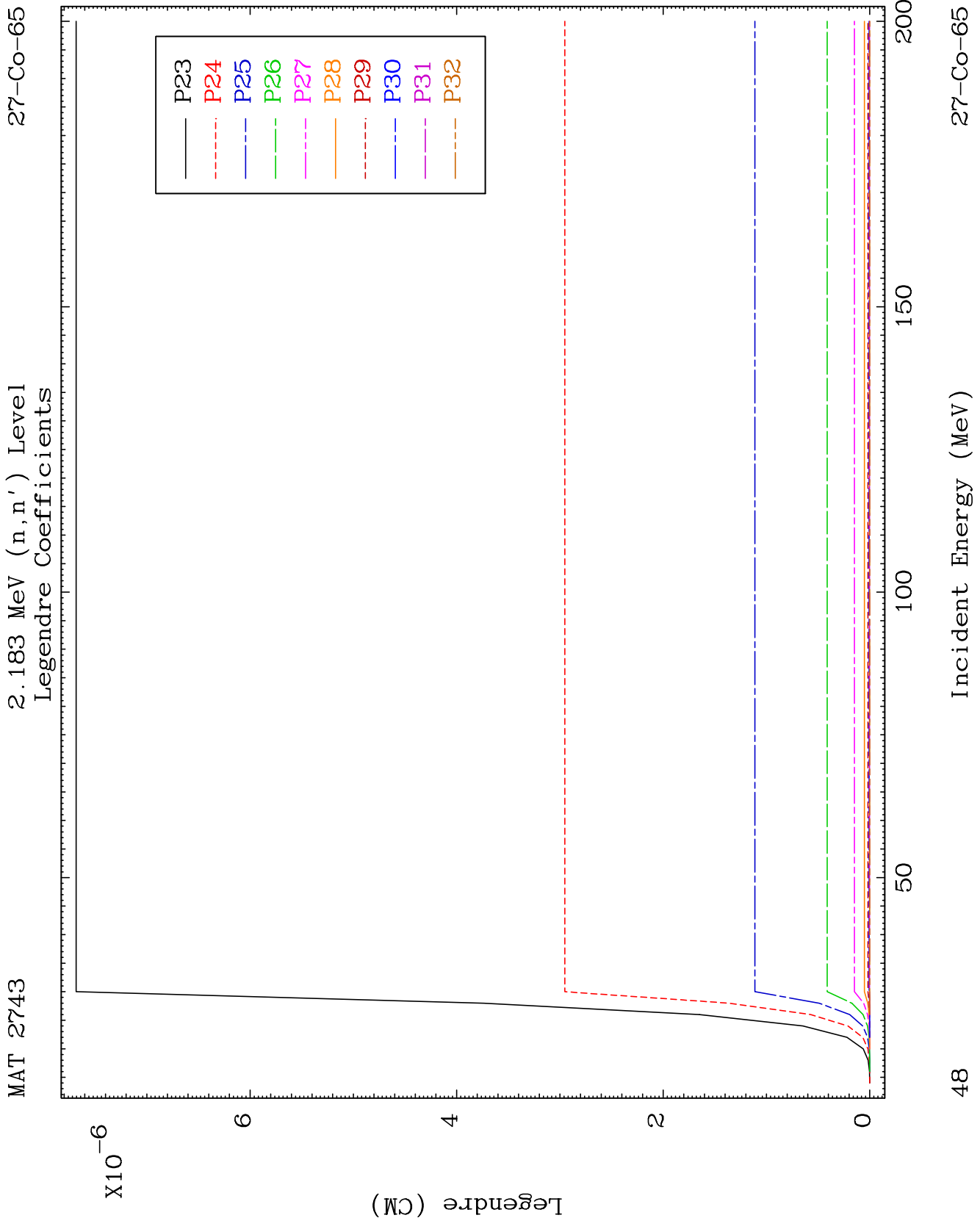
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Legendre Coefficients

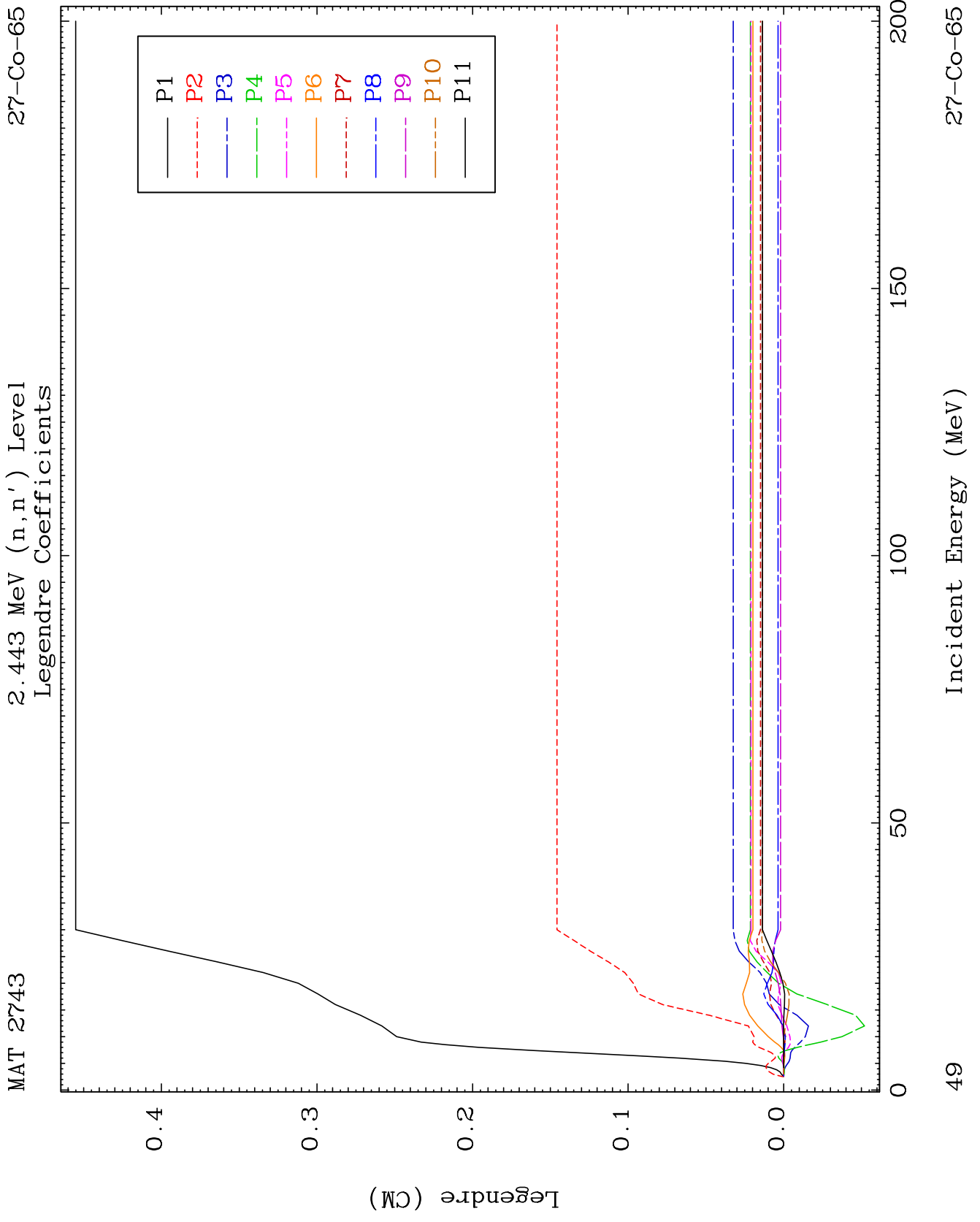
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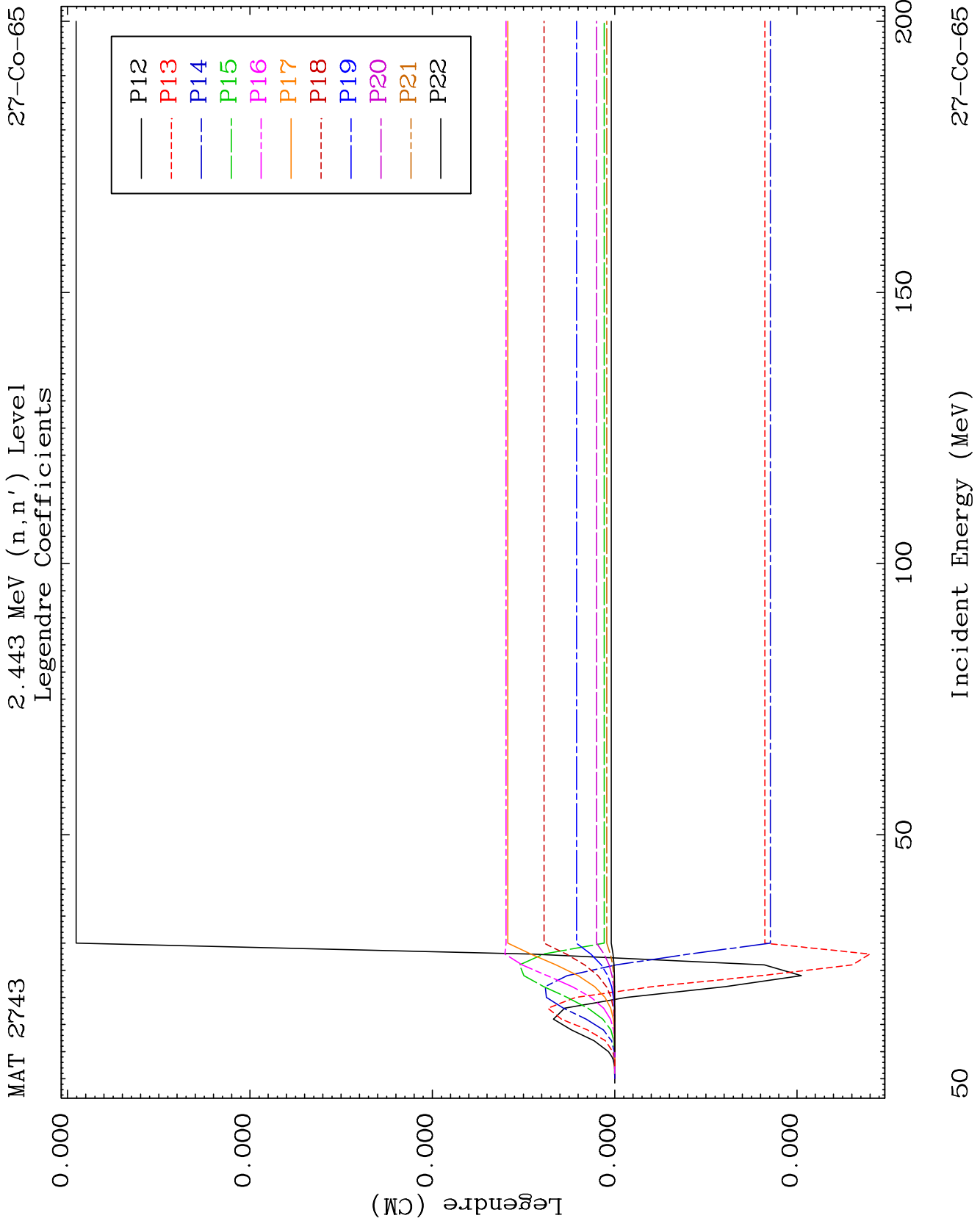


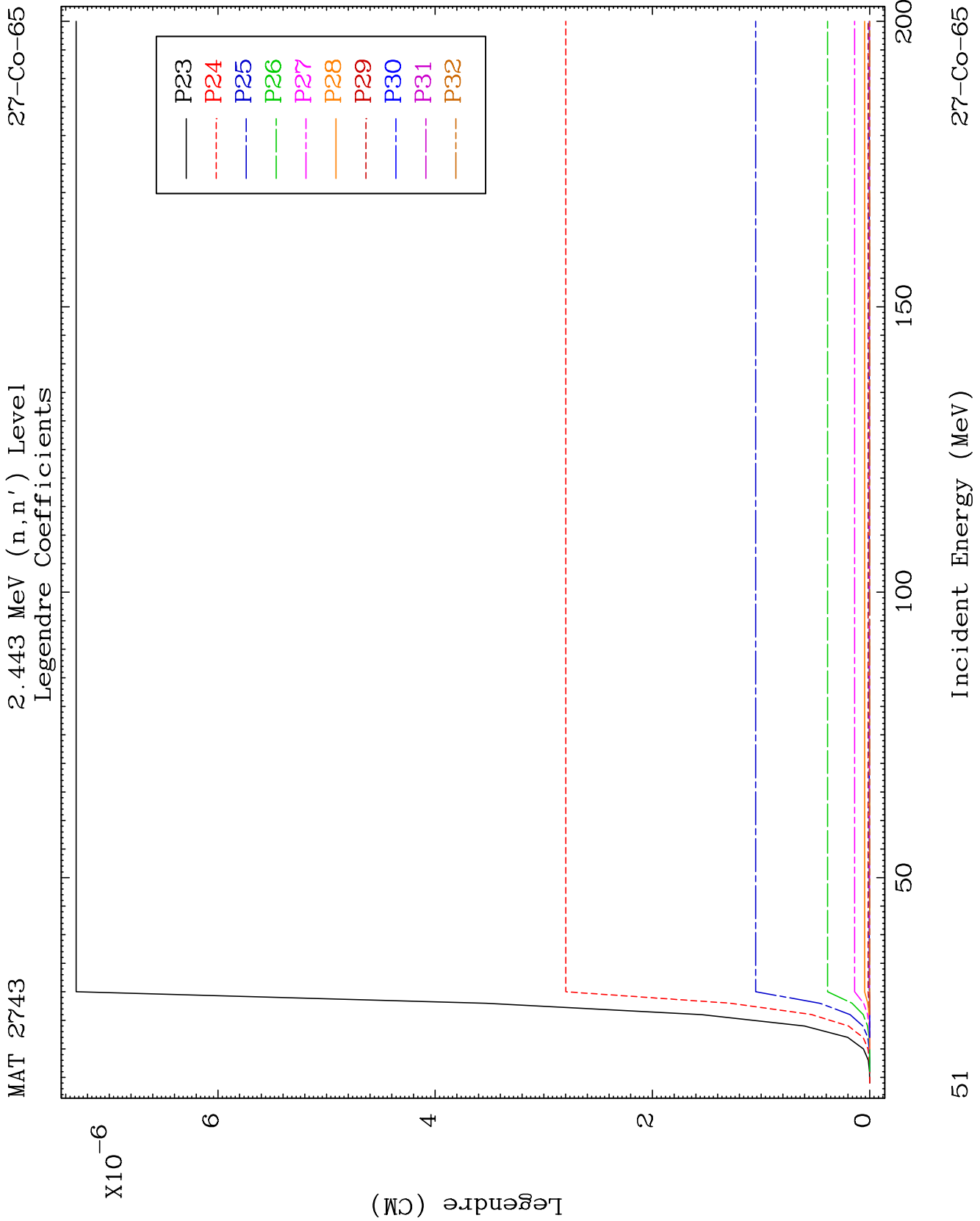
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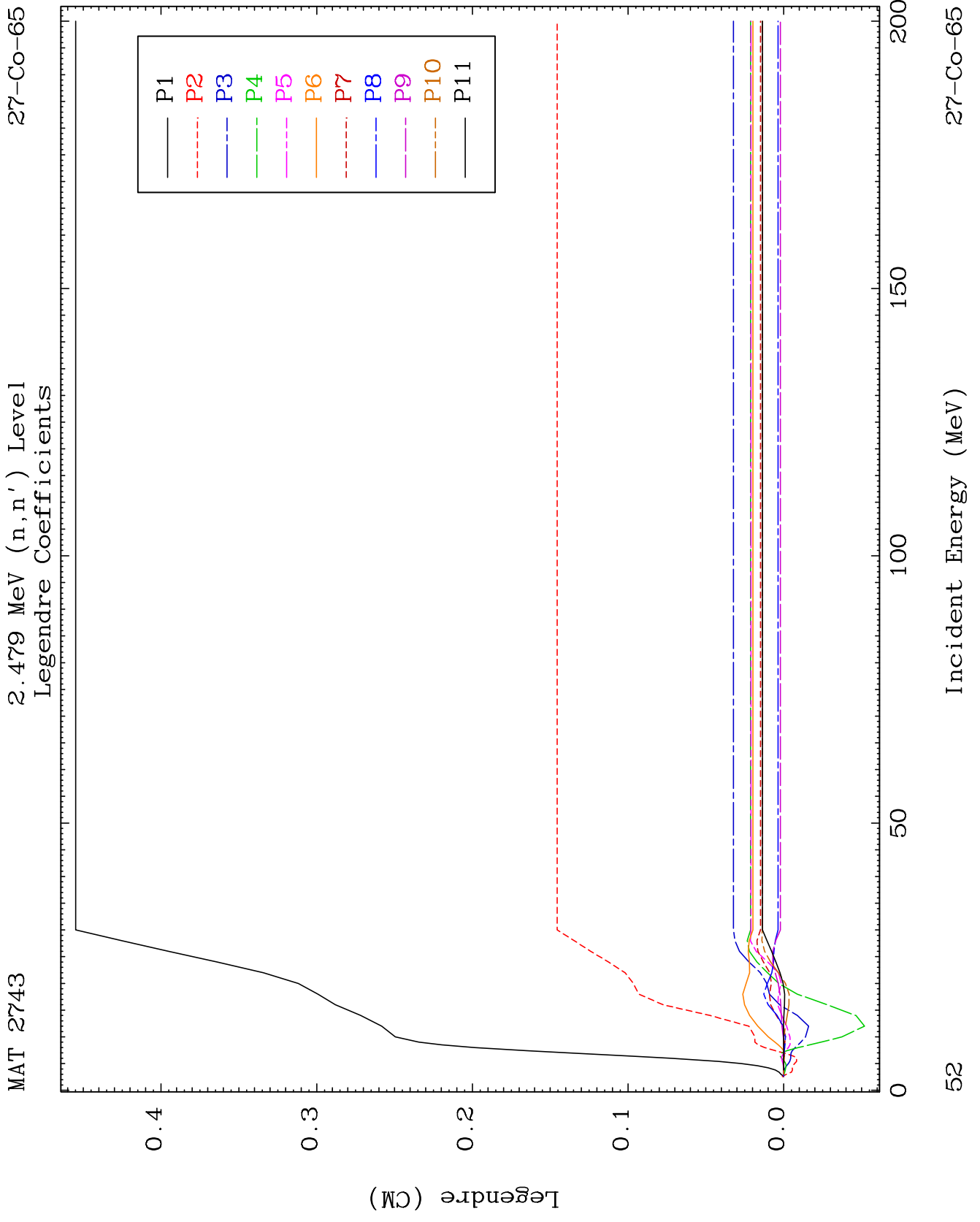
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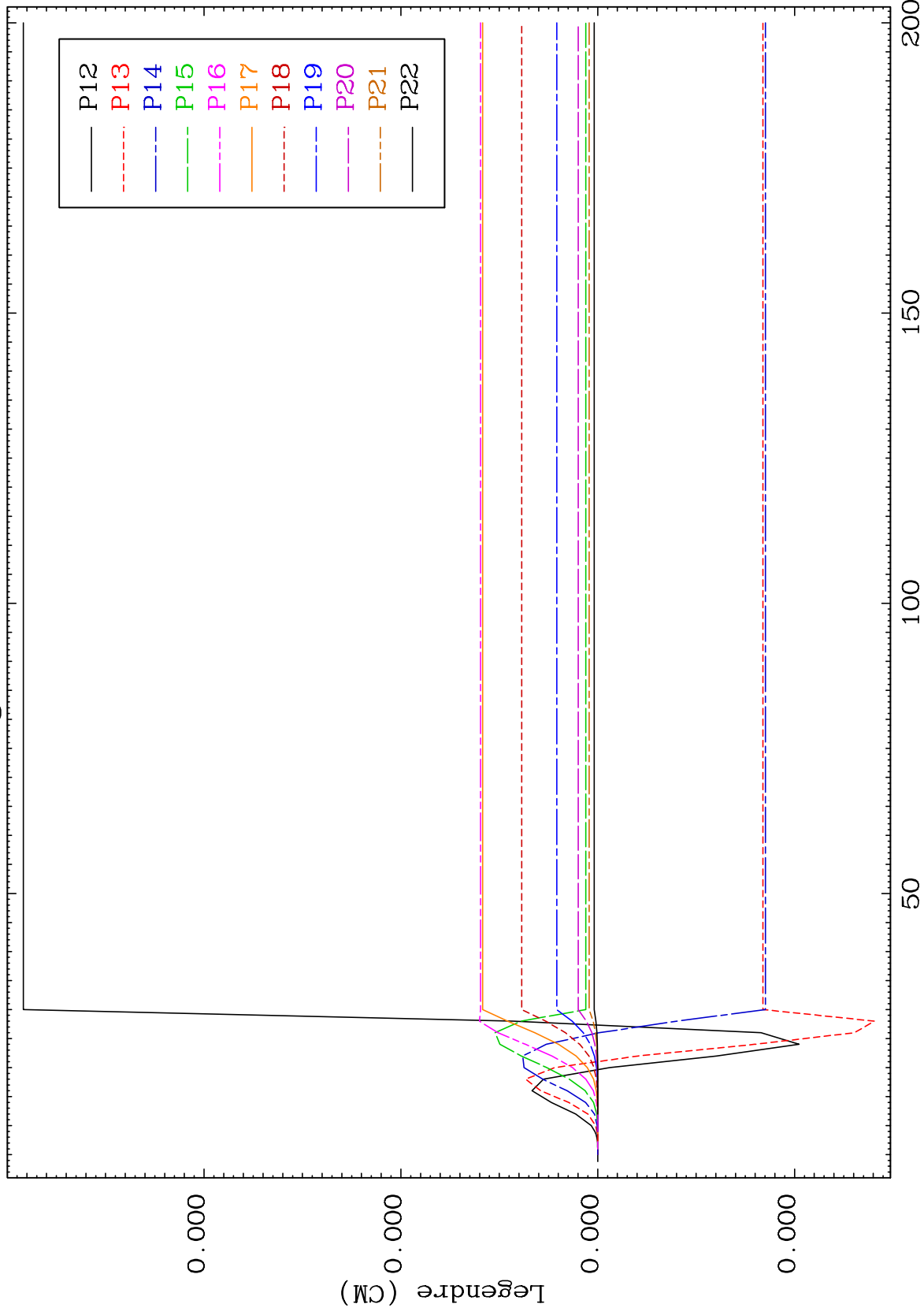




MAT 2743

2.479 MeV (n,n') Level
Legendre Coefficients

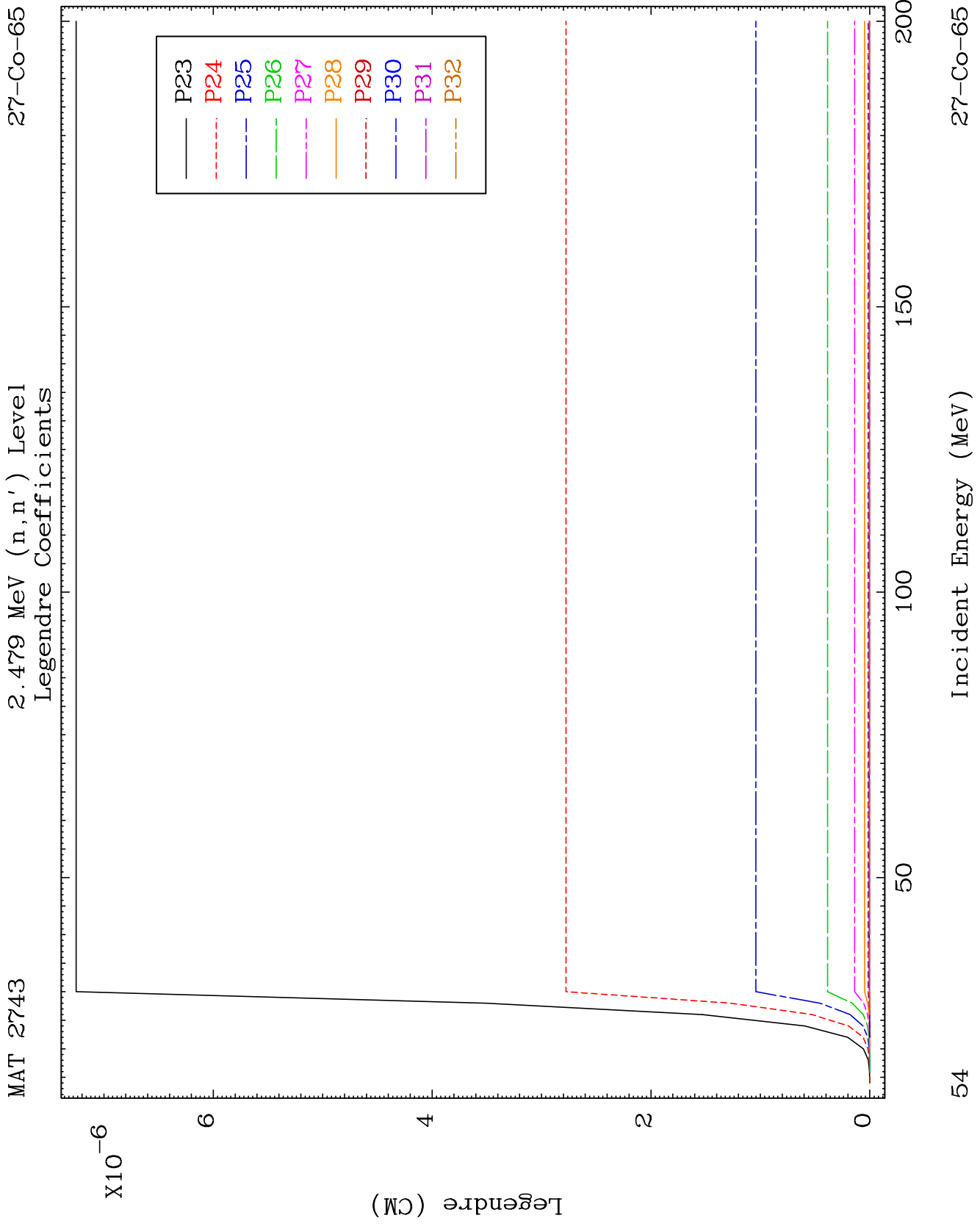
27-Co-65

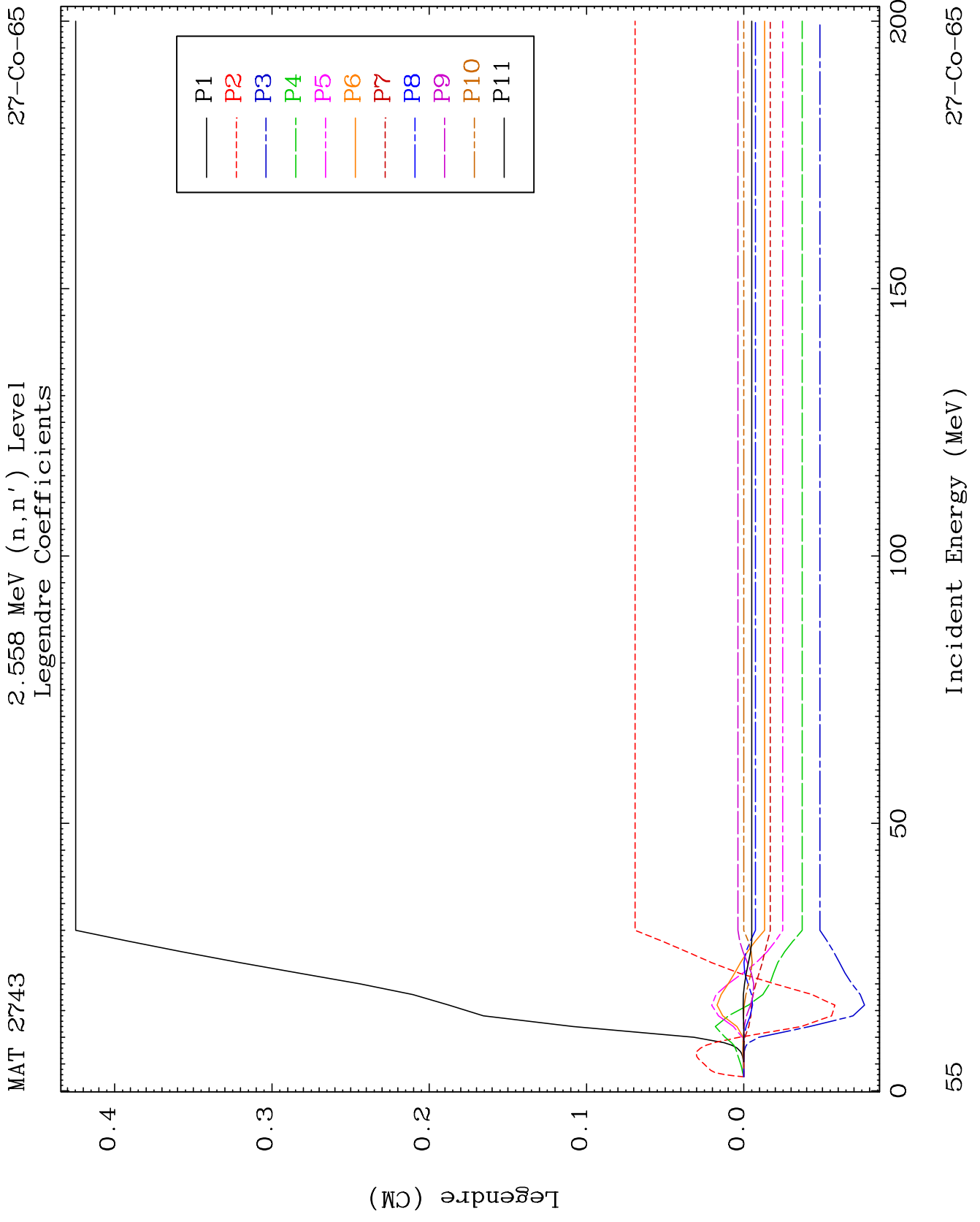


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Incident Energy (MeV)

27-Co-65

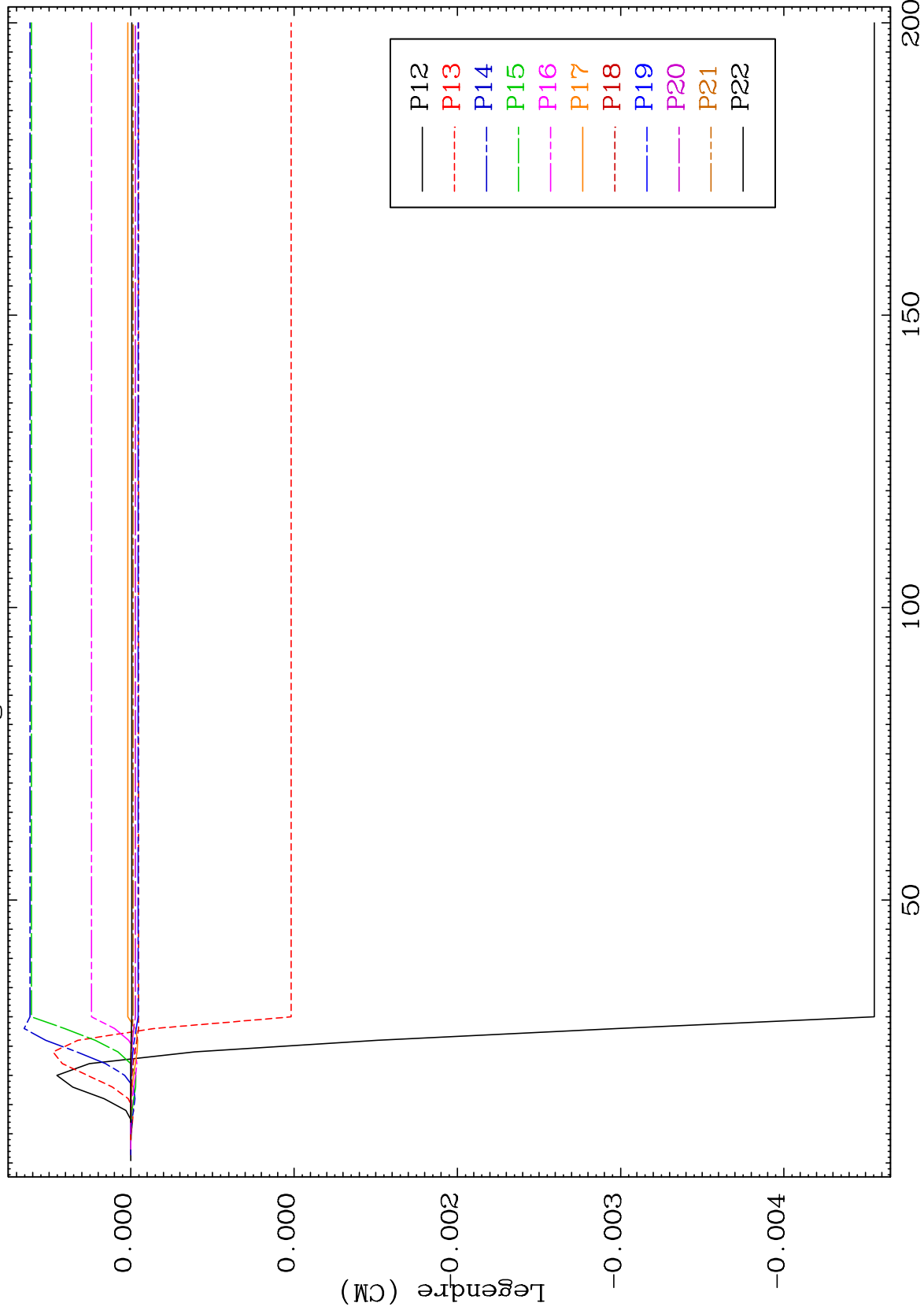




MAT 2743

2.558 MeV (n,n') Level
Legendre Coefficients

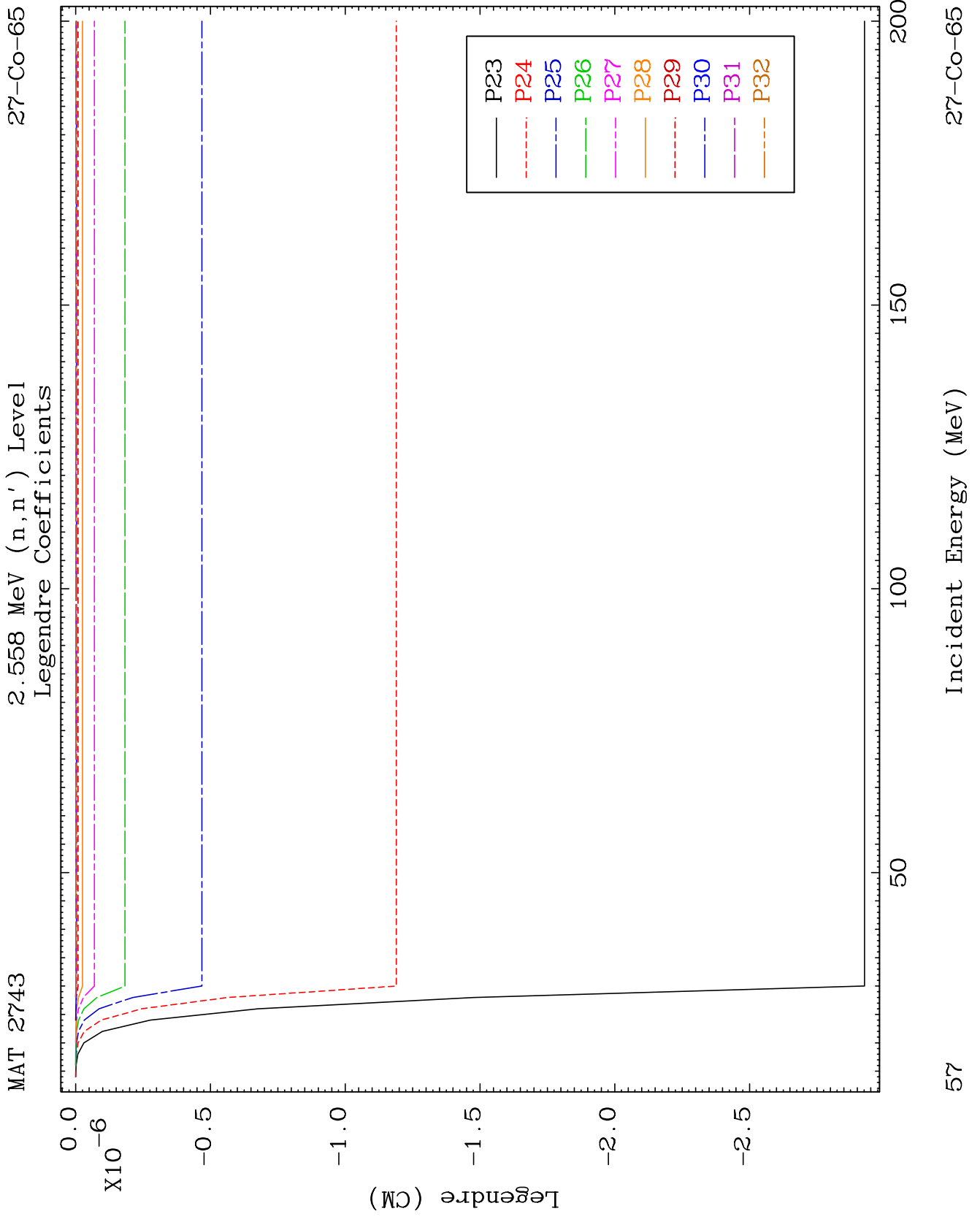
27-Co-65



56

Incident Energy (MeV)

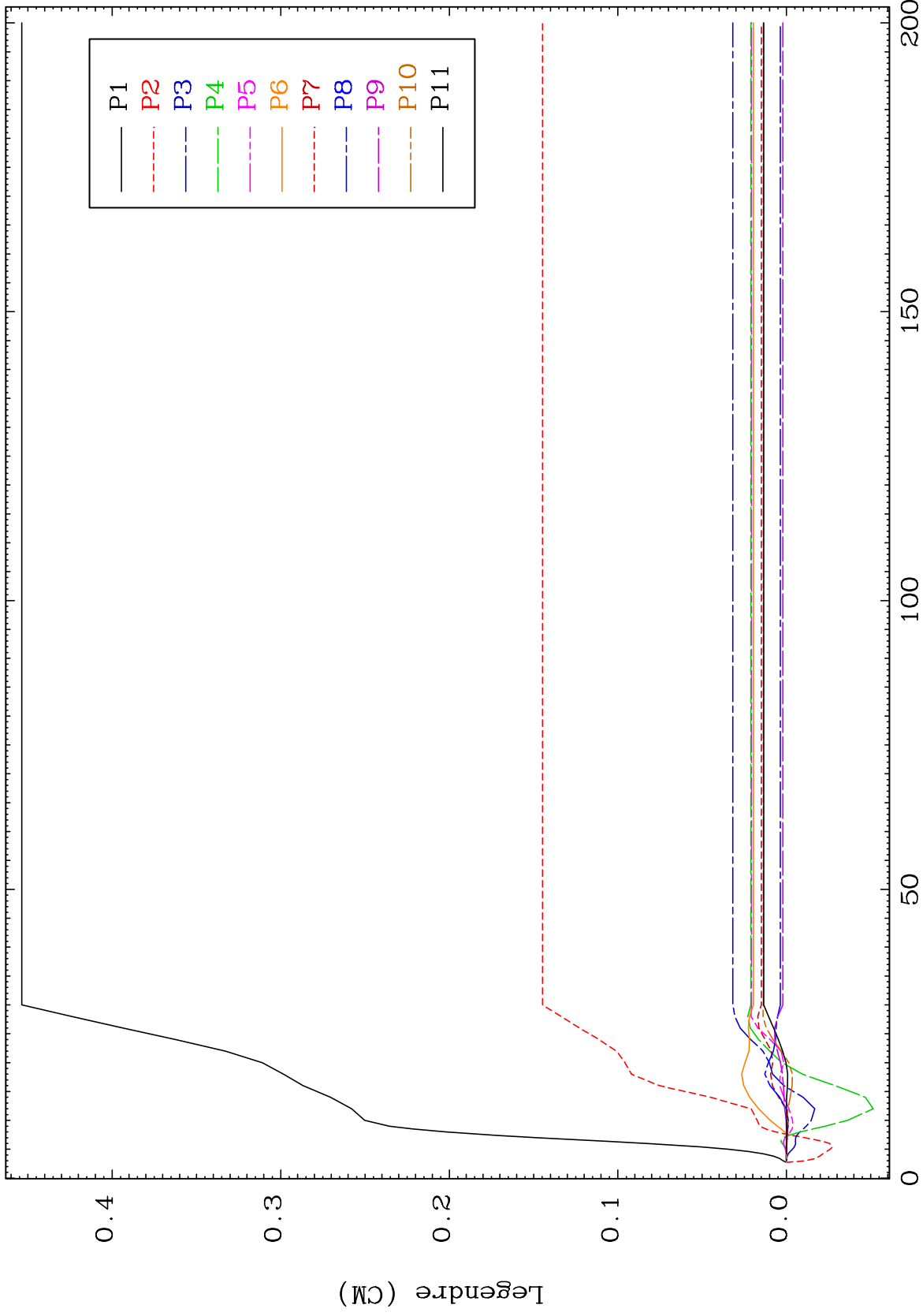
27-Co-65



MAT 2743

2.669 MeV (n,n') Level
Legendre Coefficients

27-Co-65



58

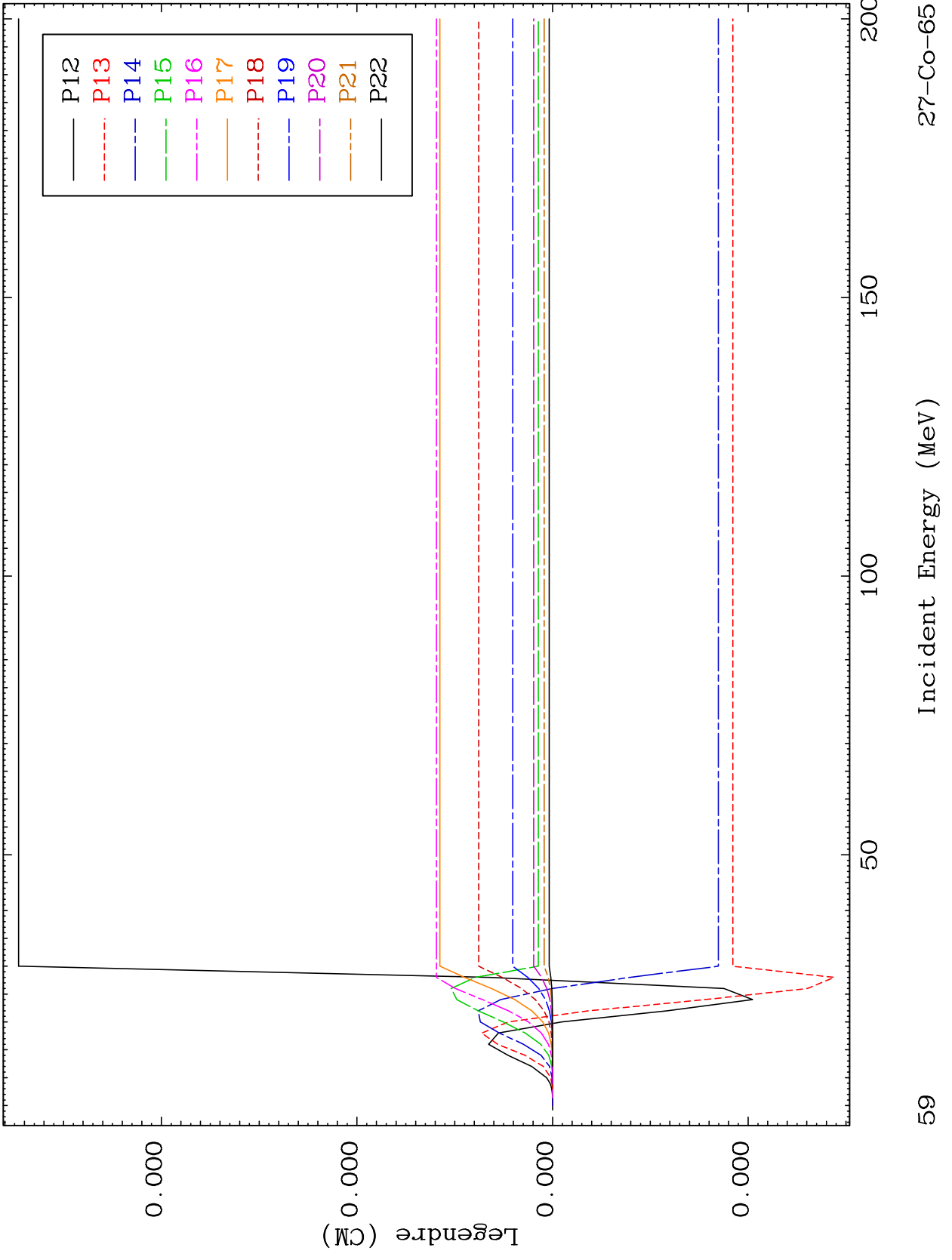
Incident Energy (MeV)

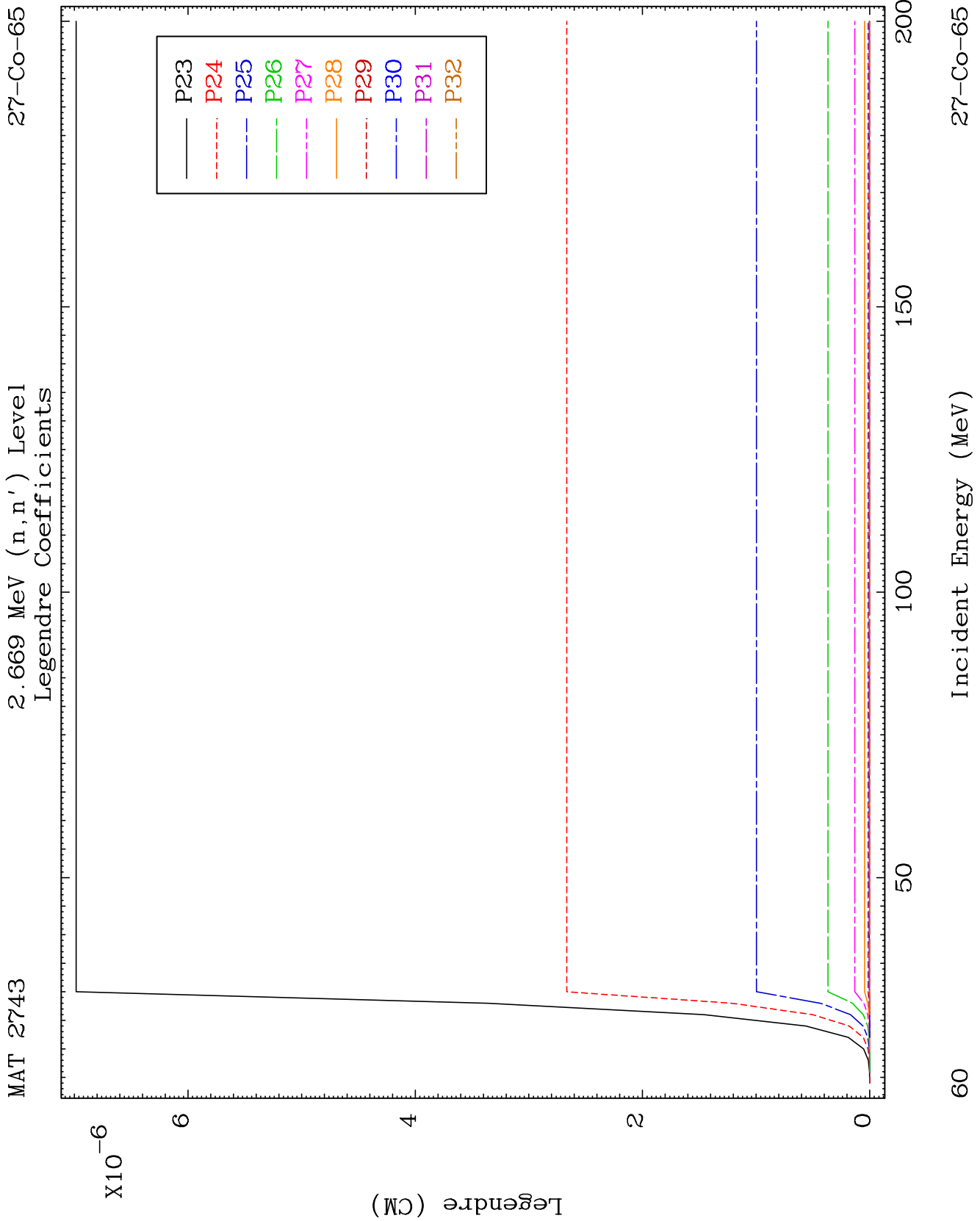
27-Co-65

MAT 2743

2.669 MeV (n,n') Level
Legendre Coefficients

27-Co-65

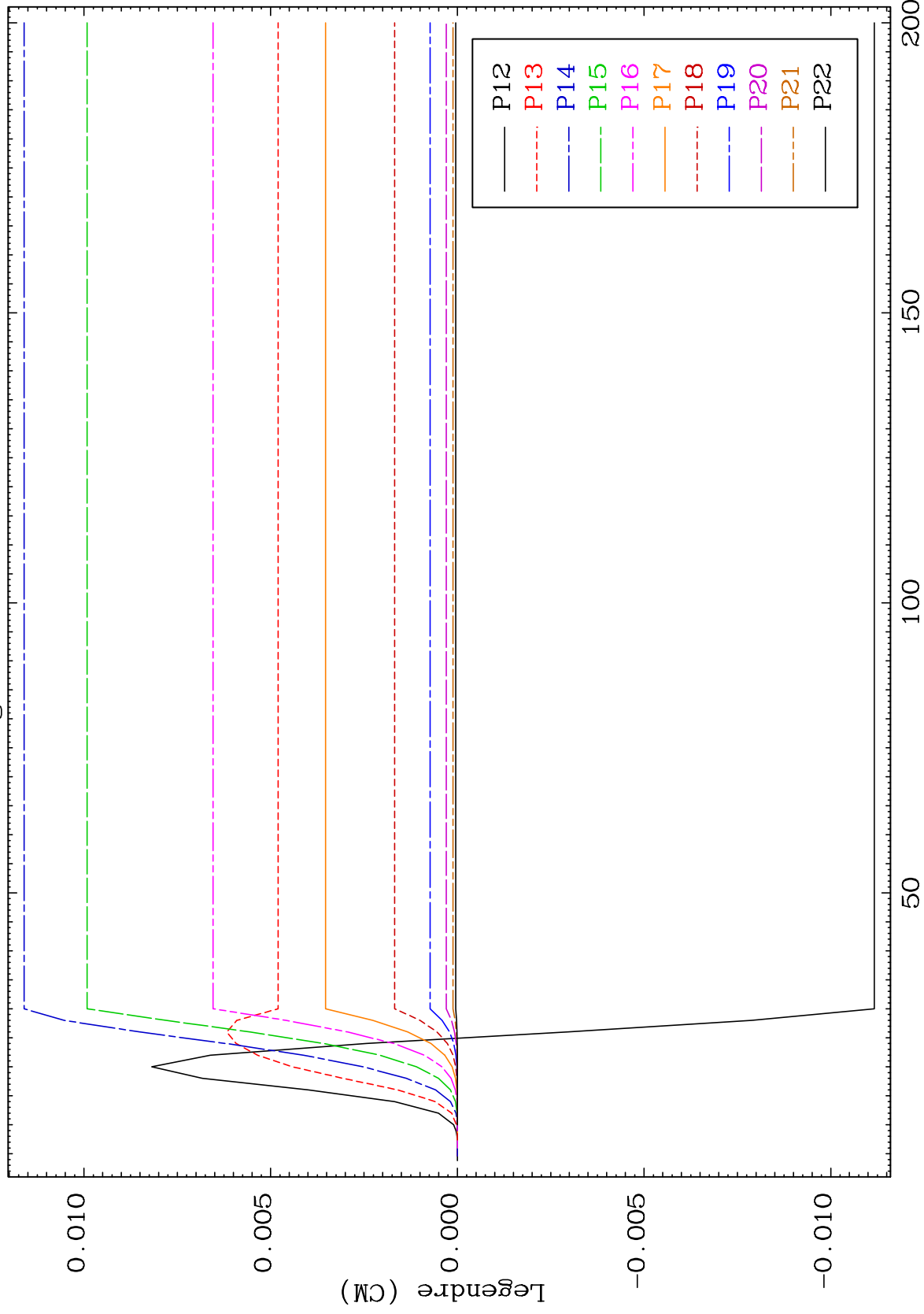




MAT 2743

2.892 MeV (n,n') Level
Legendre Coefficients

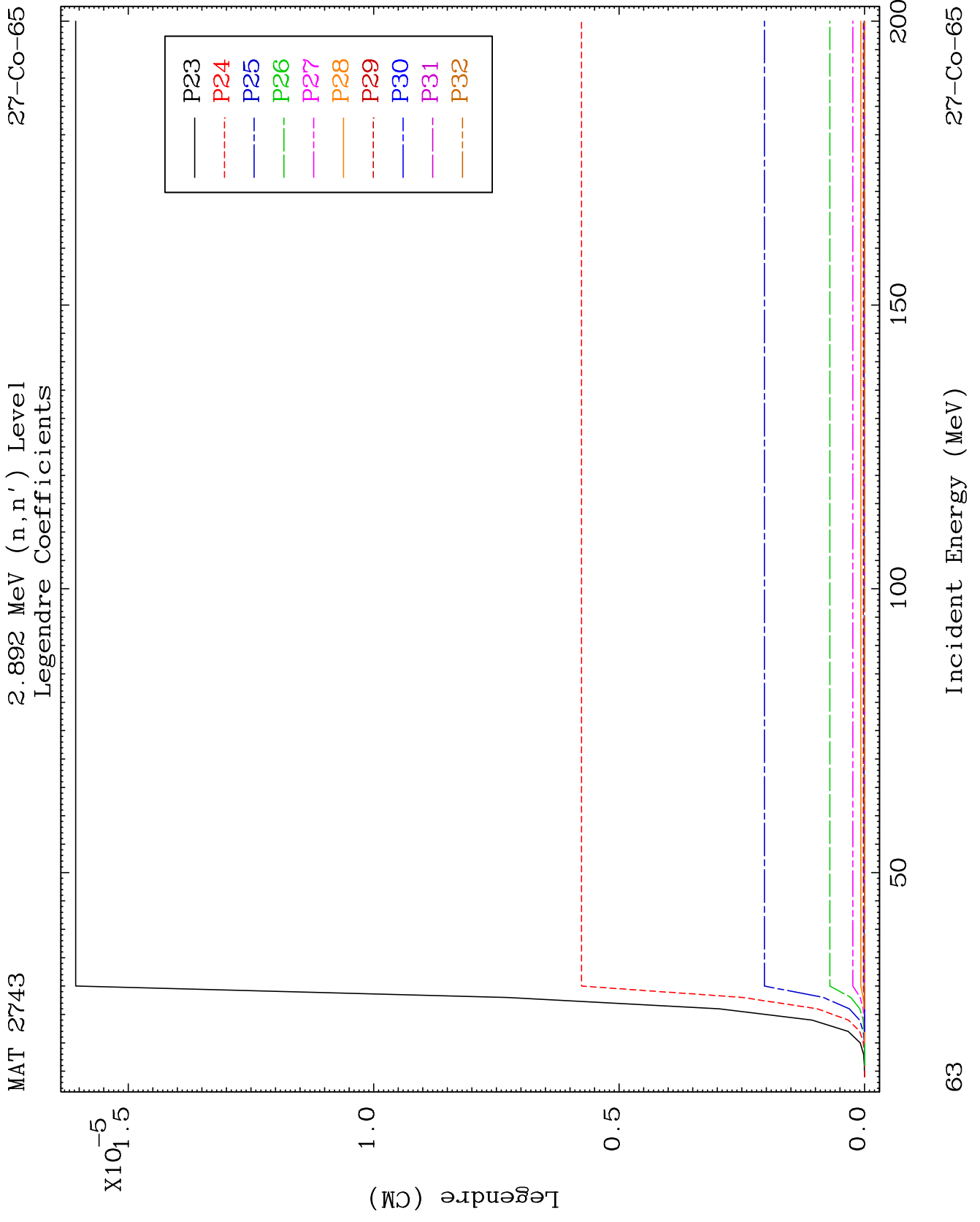
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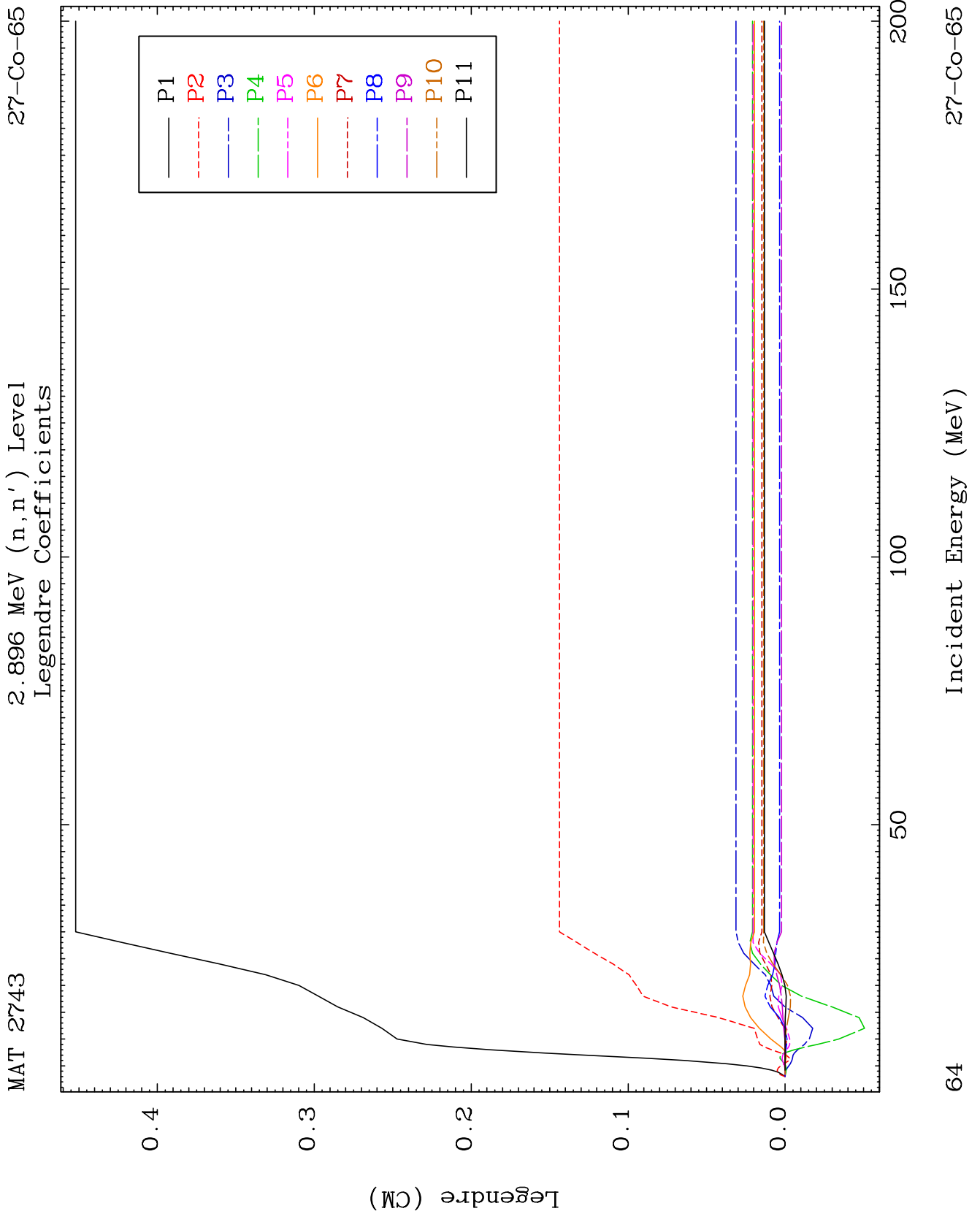


62

Incident Energy (MeV)

27-Co-65

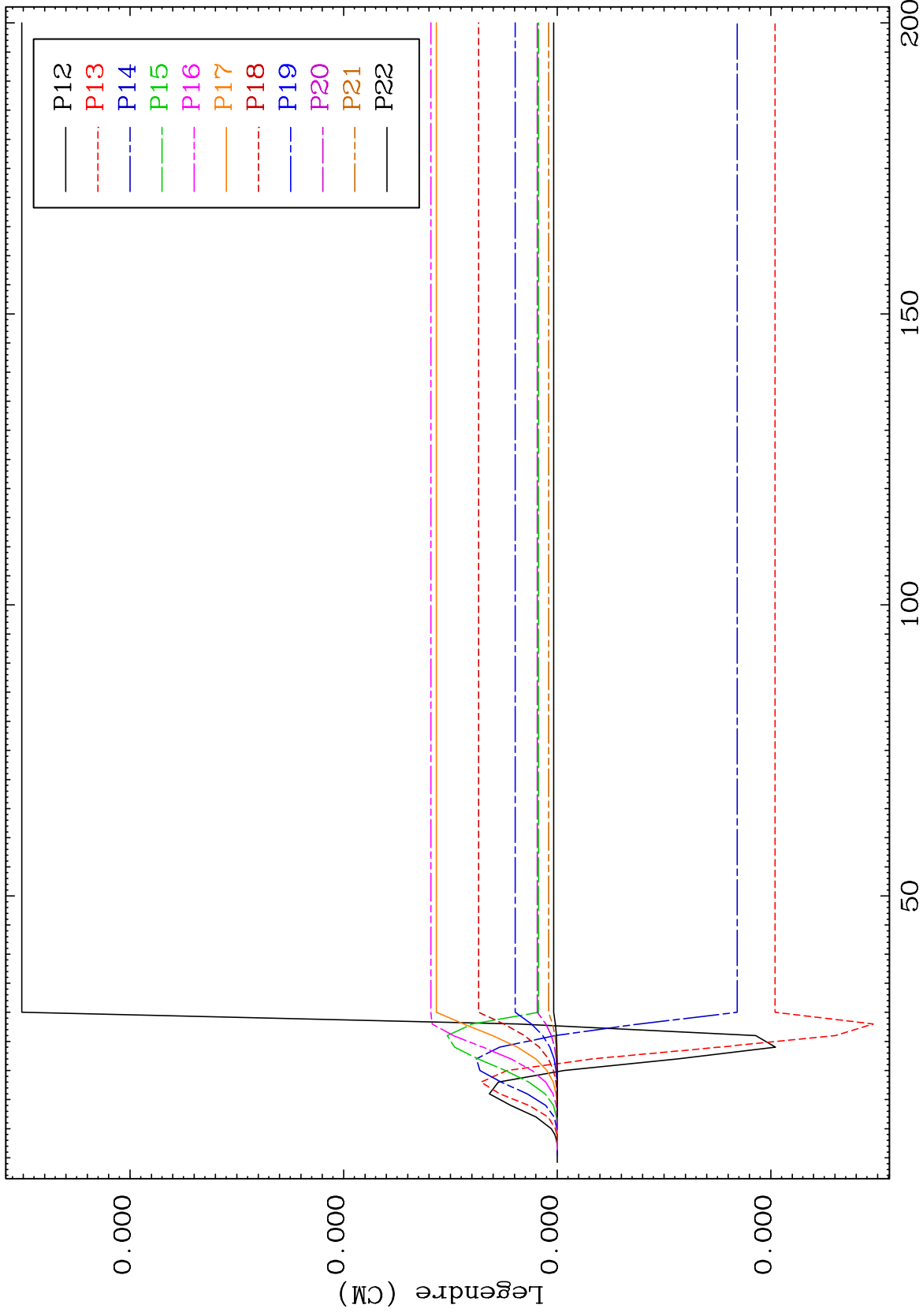




MAT 2743

2.896 MeV (n,n') Level
Legendre Coefficients

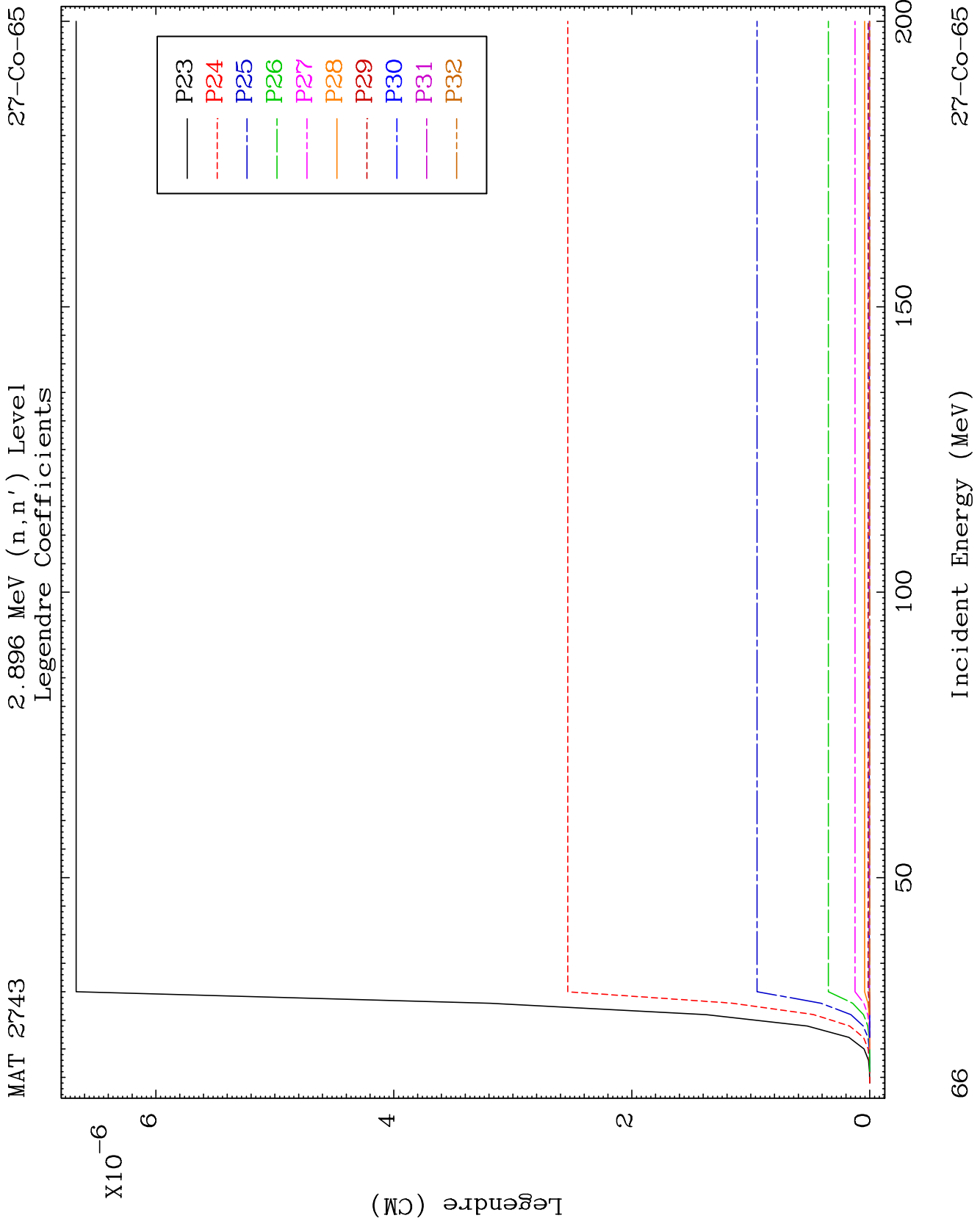
27-Co-65



65

Incident Energy (MeV)

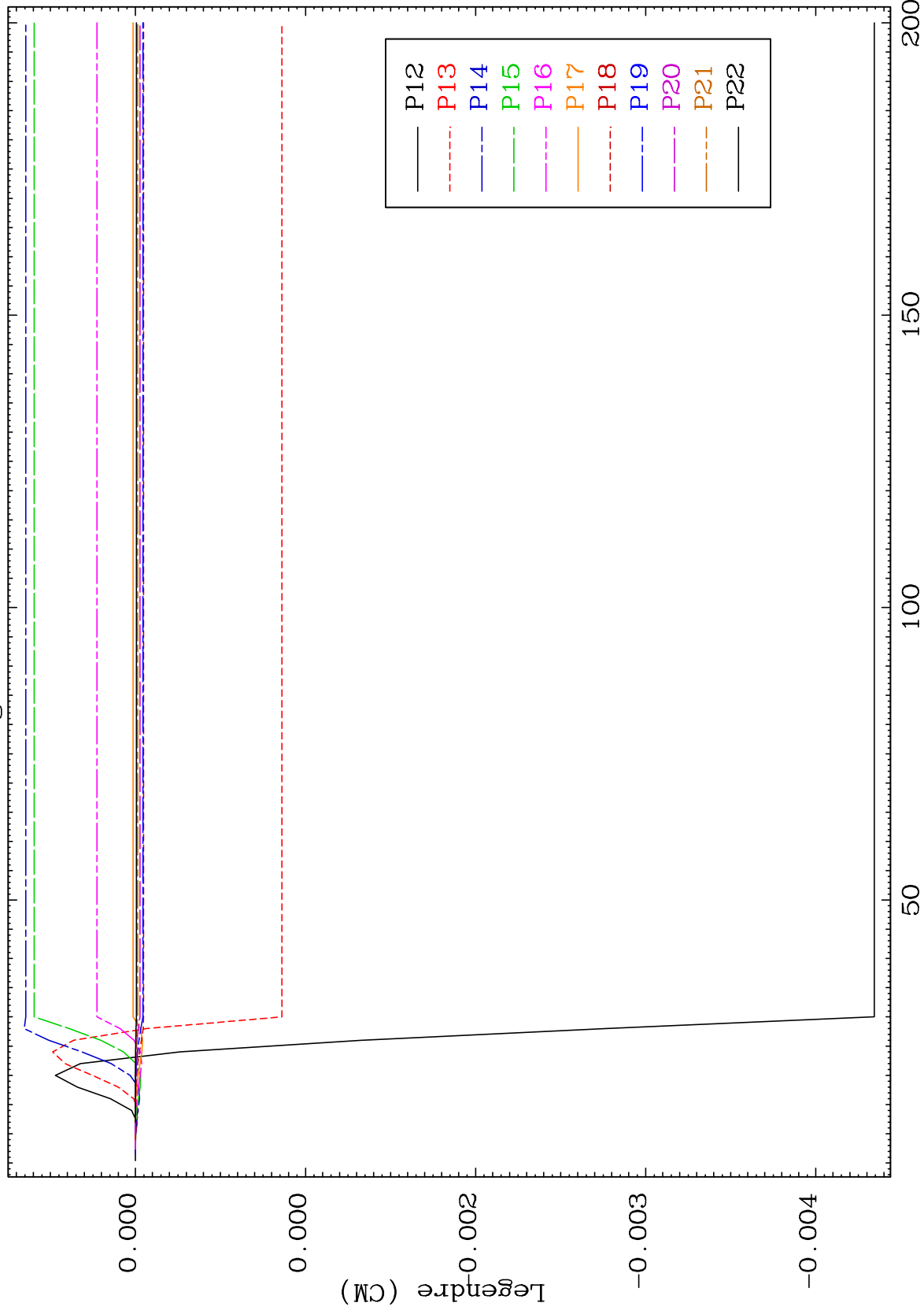
27-Co-65



MAT 2743

2.926 MeV (n,n') Level
Legendre Coefficients

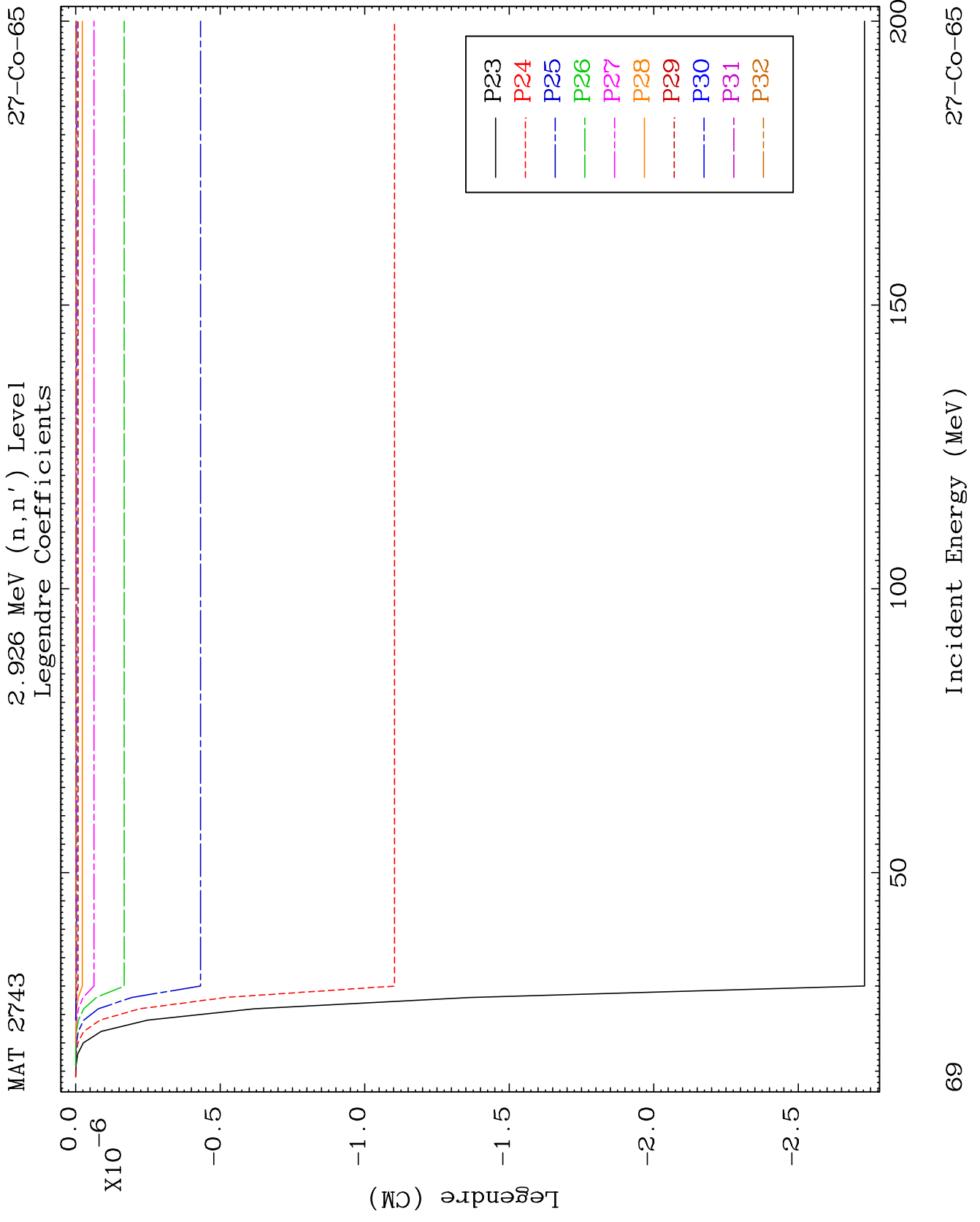
27-Co-65



68

Incident Energy (MeV)

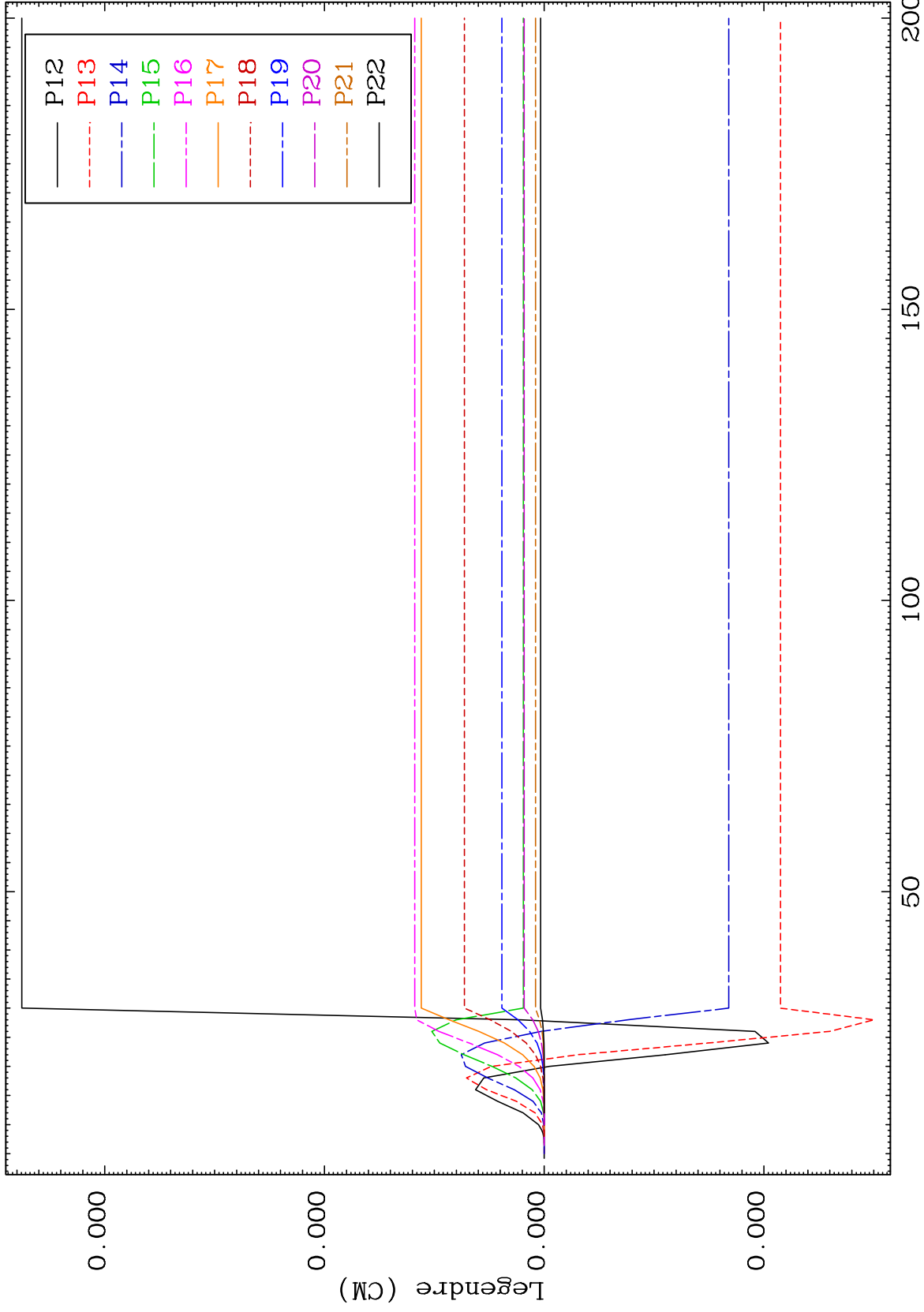
27-Co-65



MAT 2743

3.028 MeV (n,n') Level
Legendre Coefficients

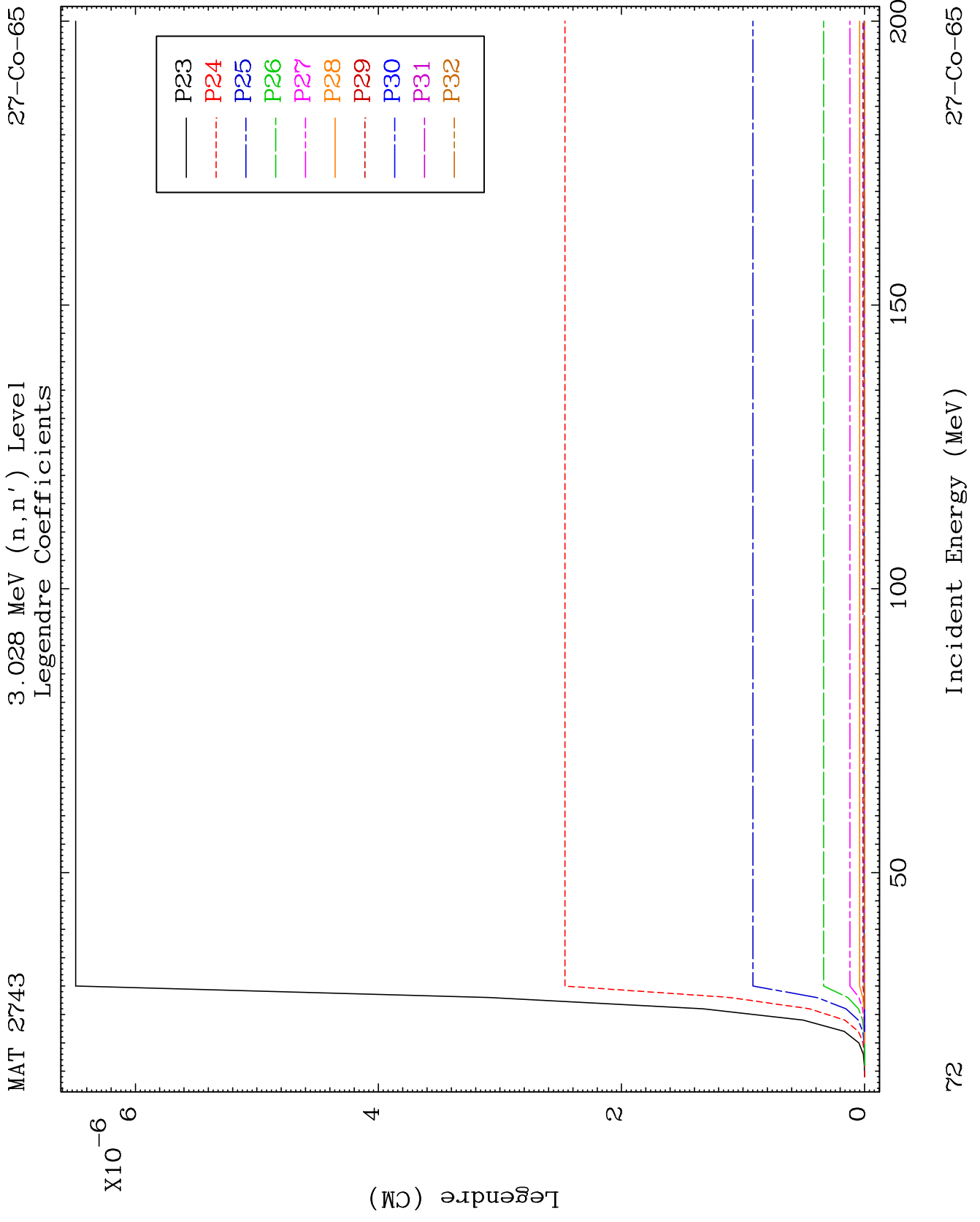
27-Co-65

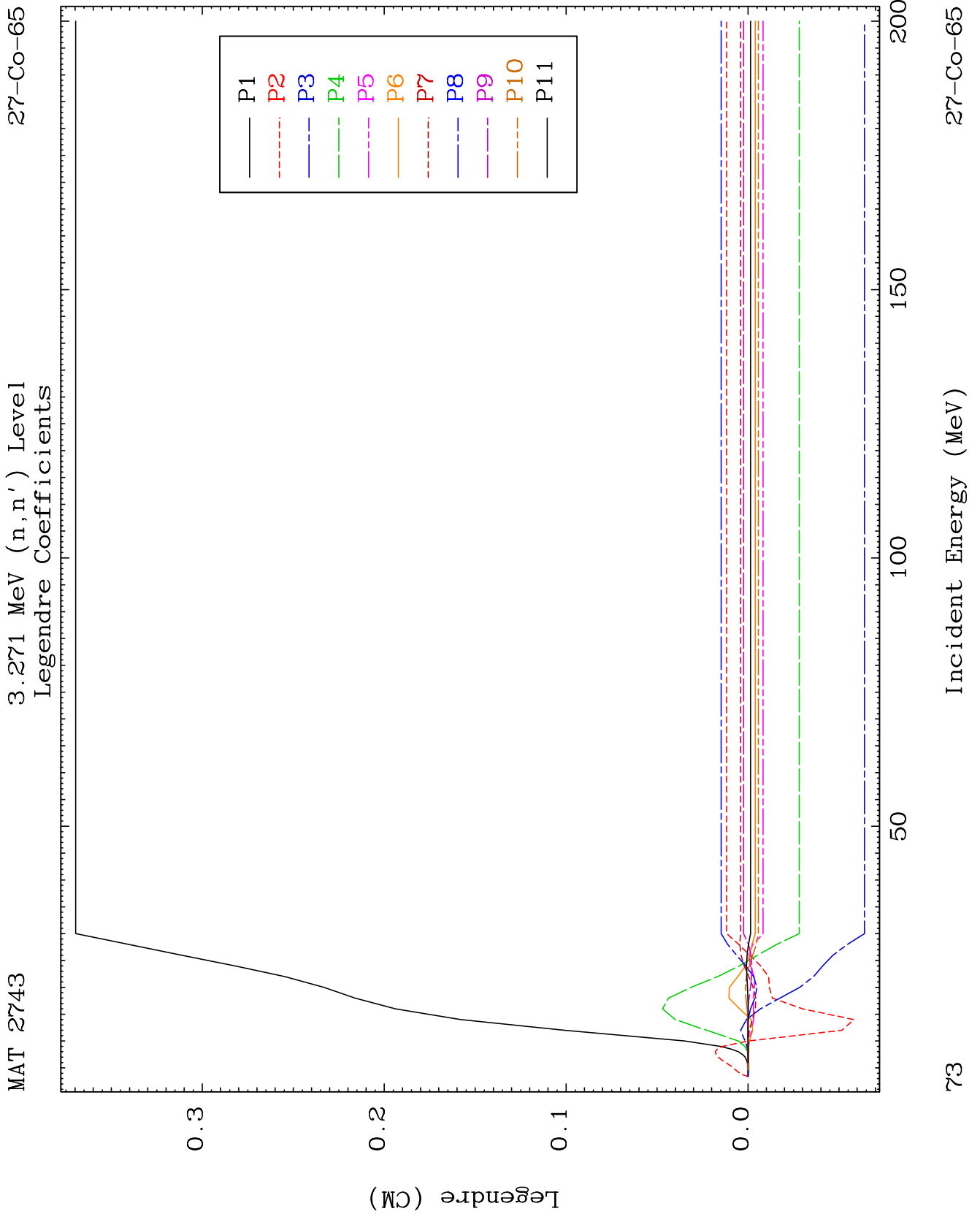


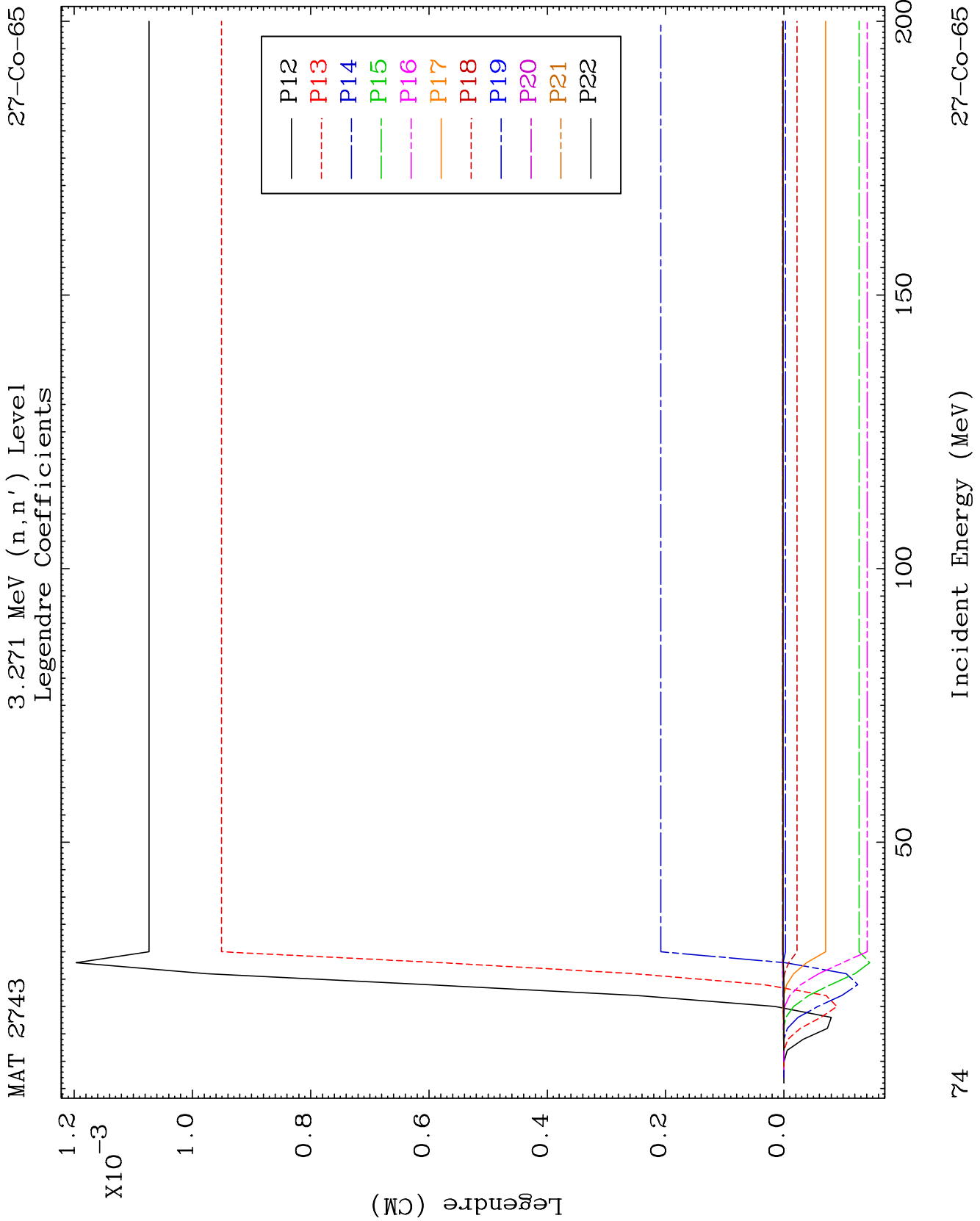
71

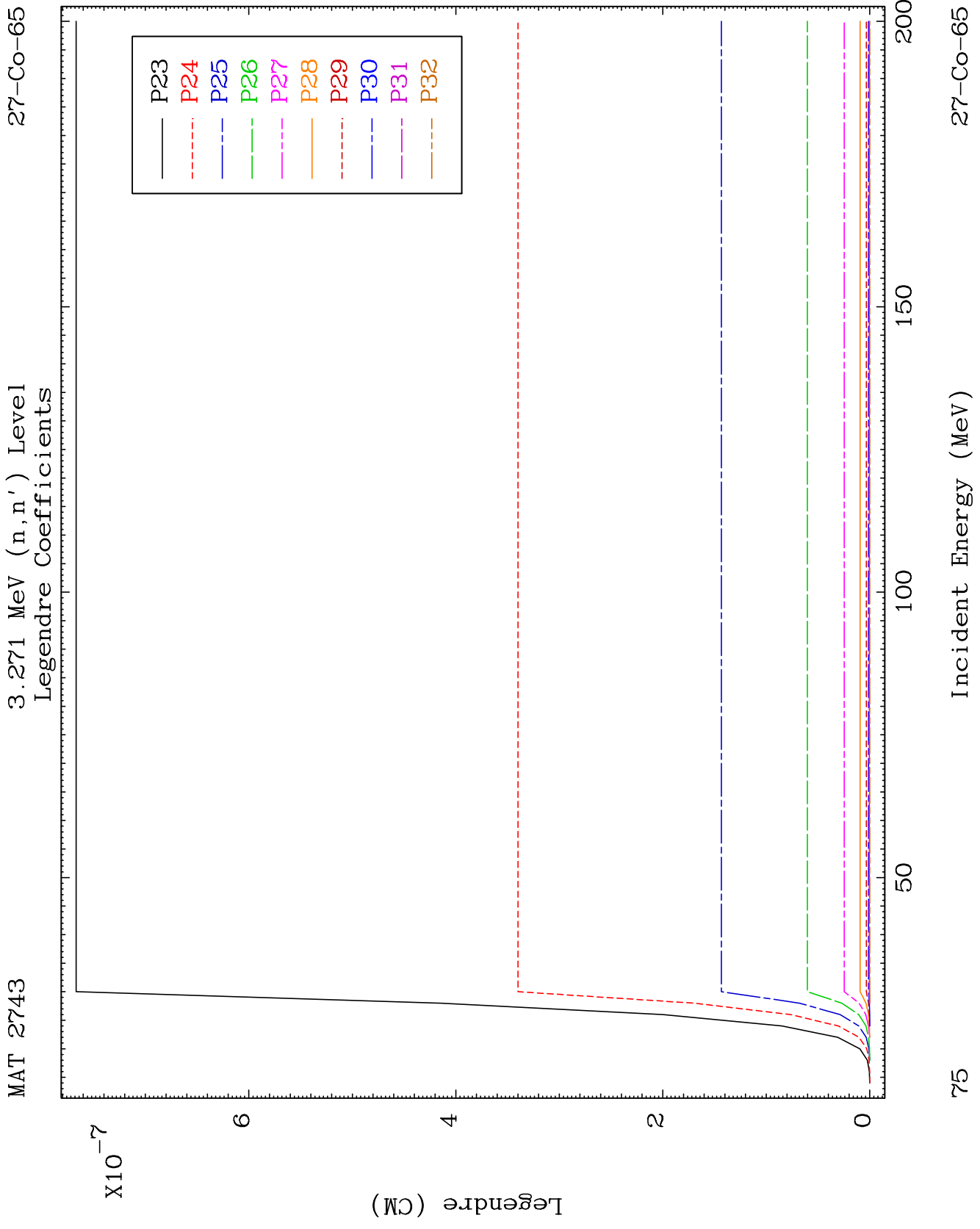
Incident Energy (MeV)

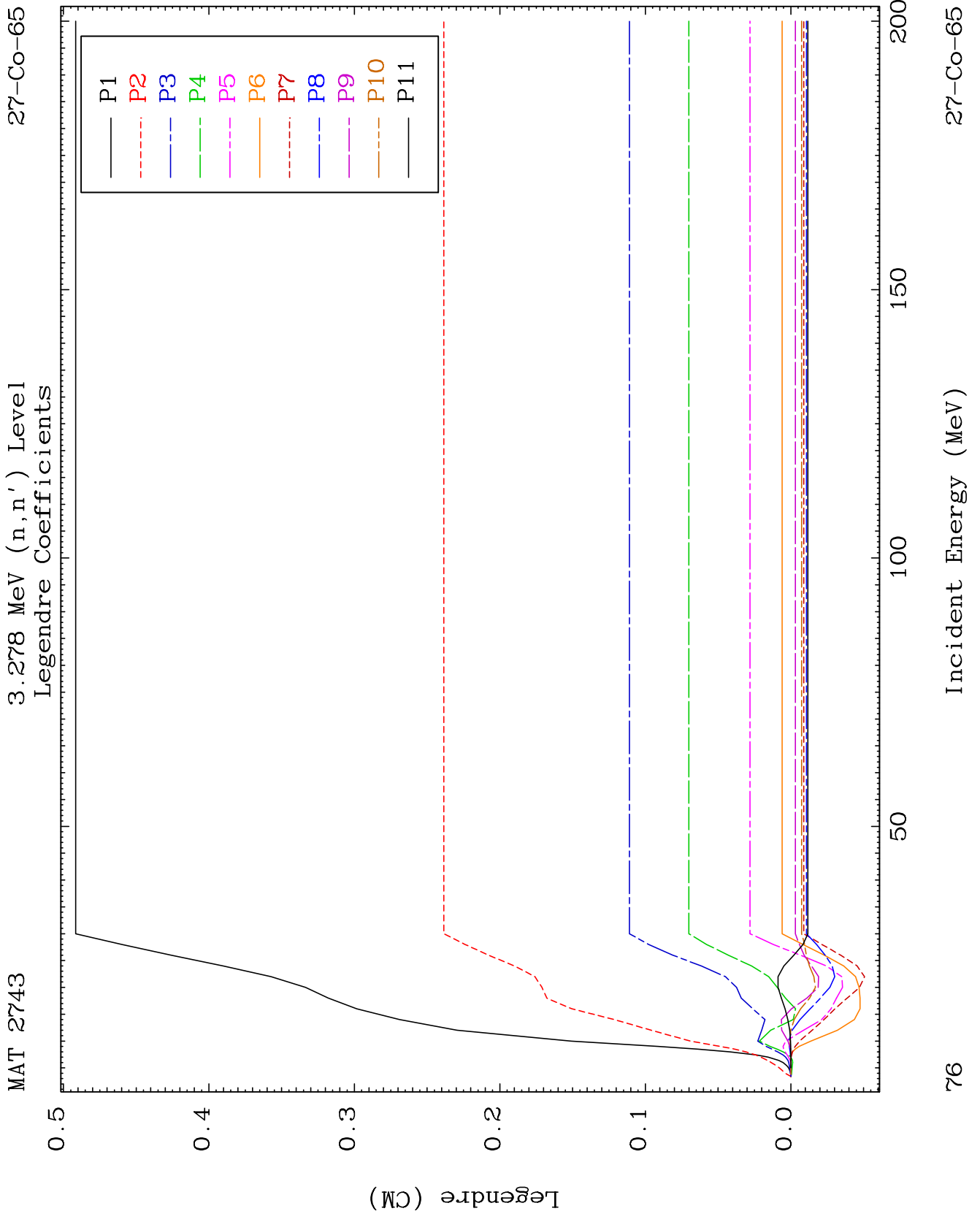
27-Co-65







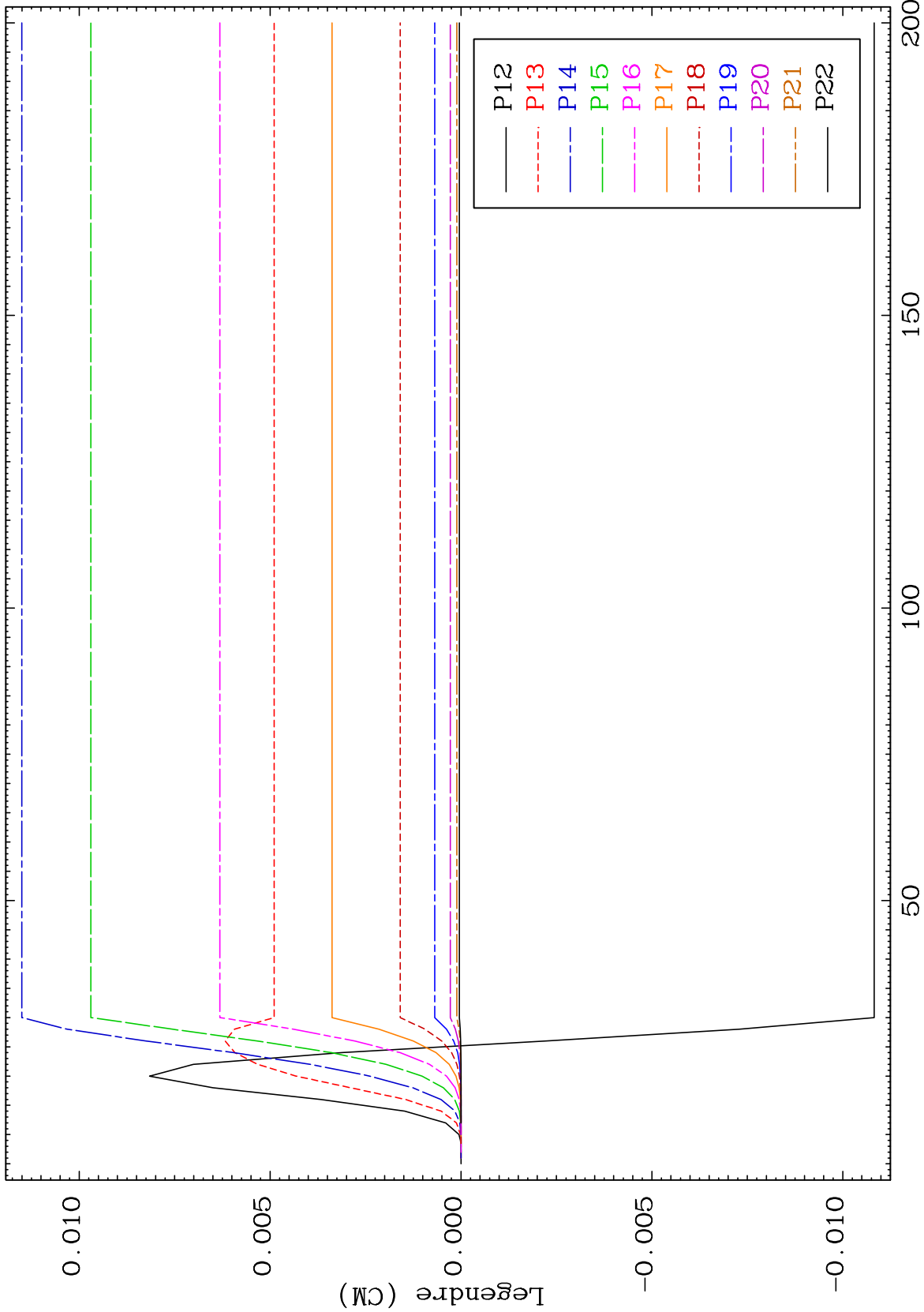




MAT 2743

3.278 MeV (n,n') Level
Legendre Coefficients

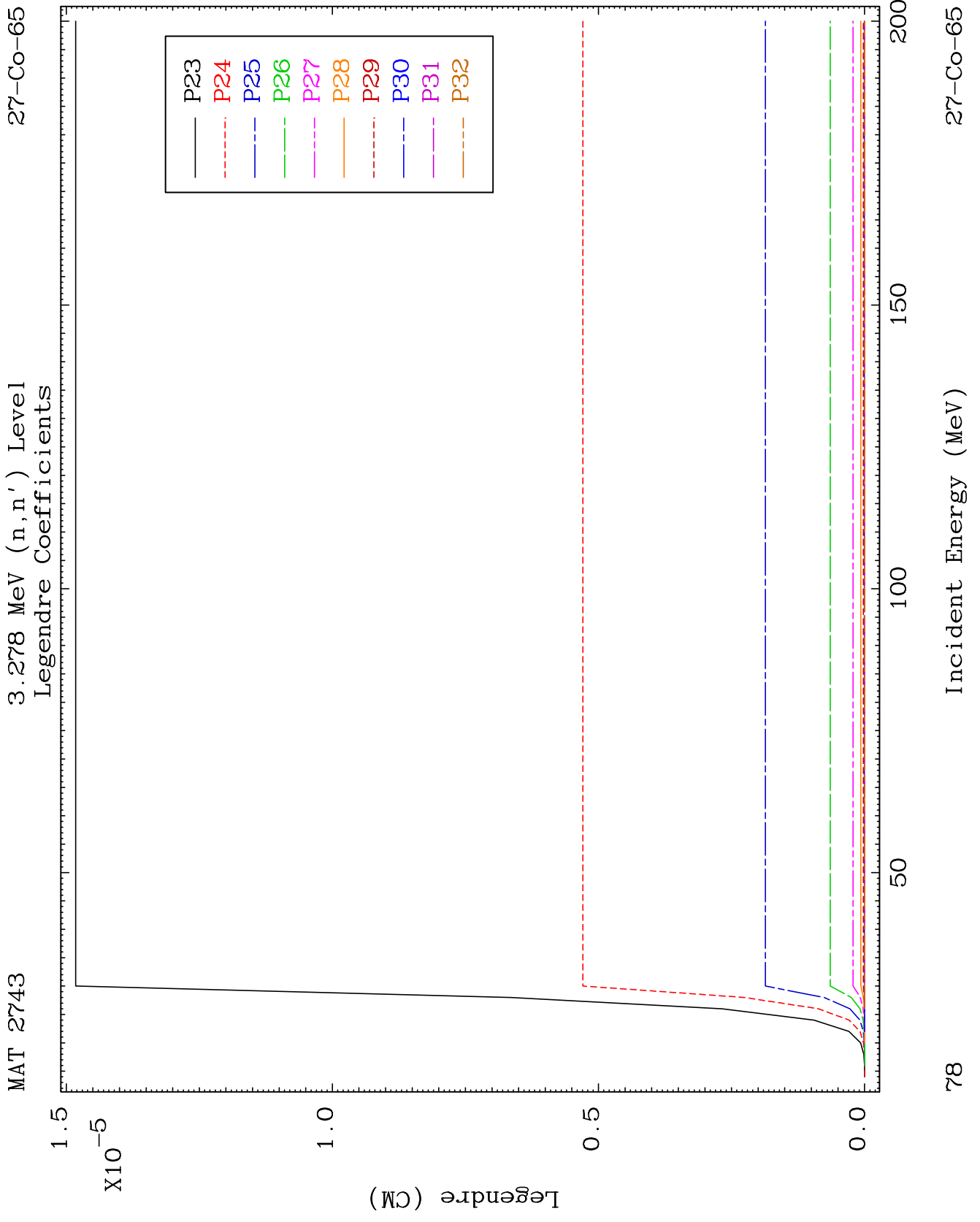
27-Co-65



77

Incident Energy (MeV)

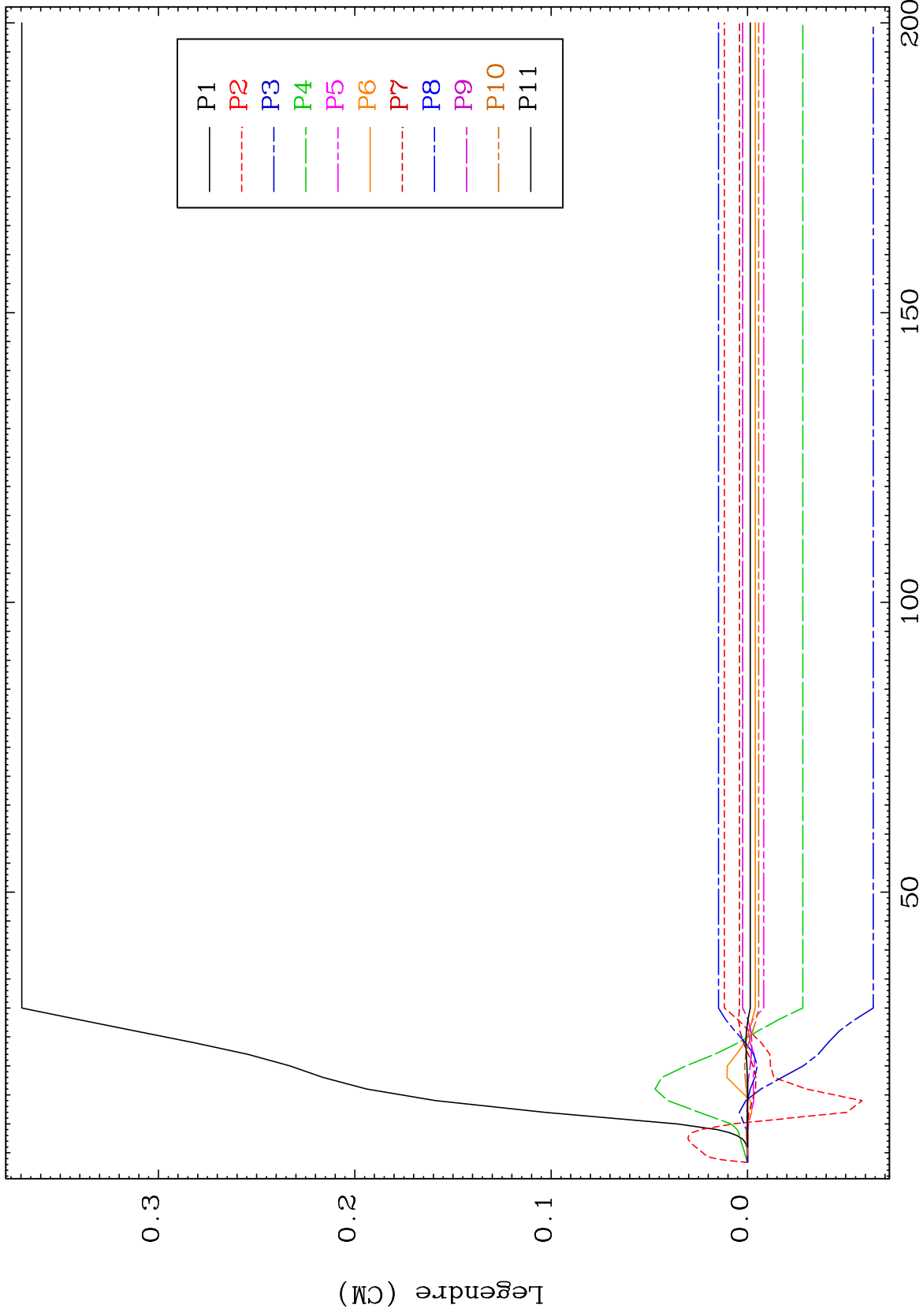
27-Co-65



MAT 2743

3.283 MeV (n,n') Level
Legendre Coefficients

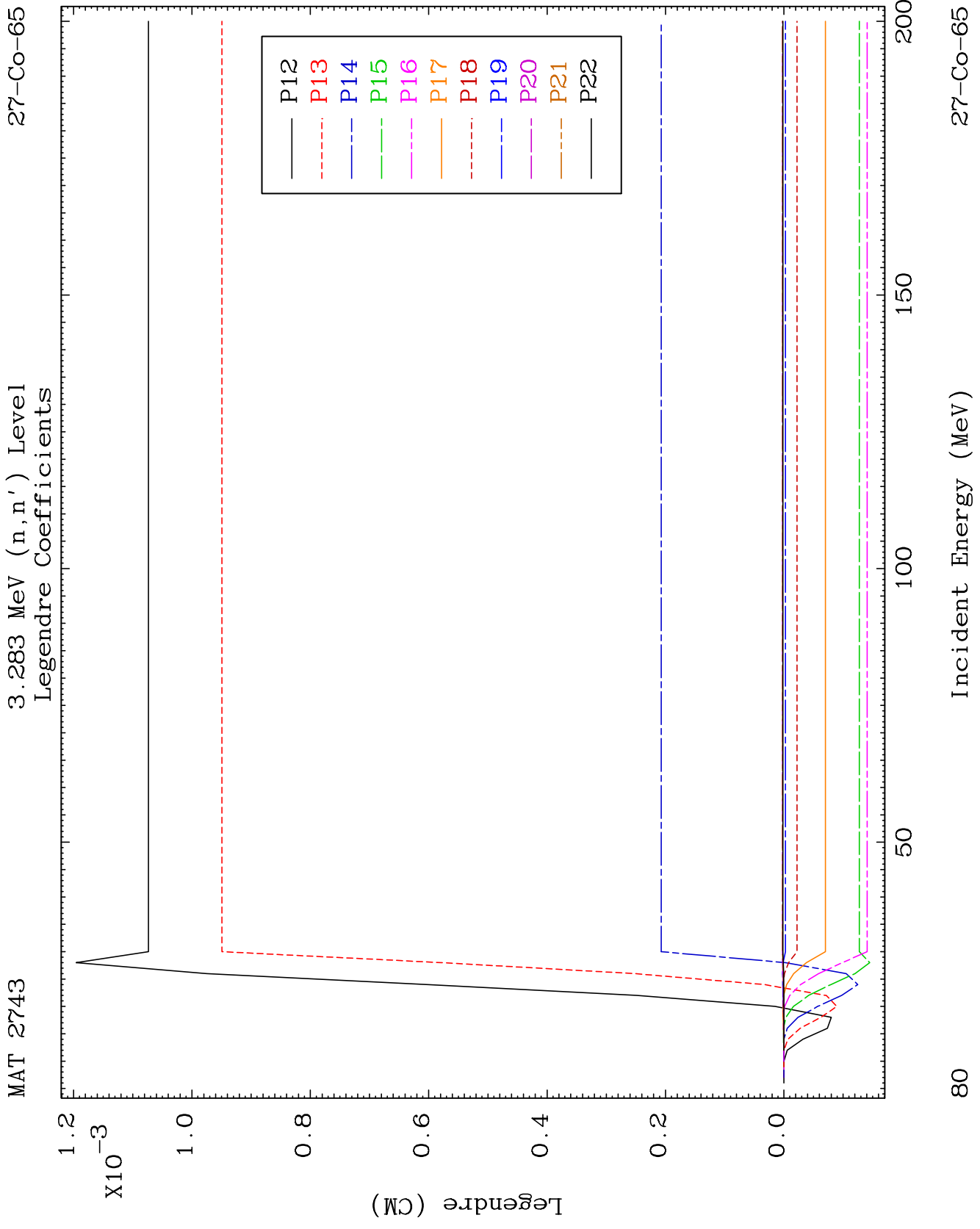
27-Co-65

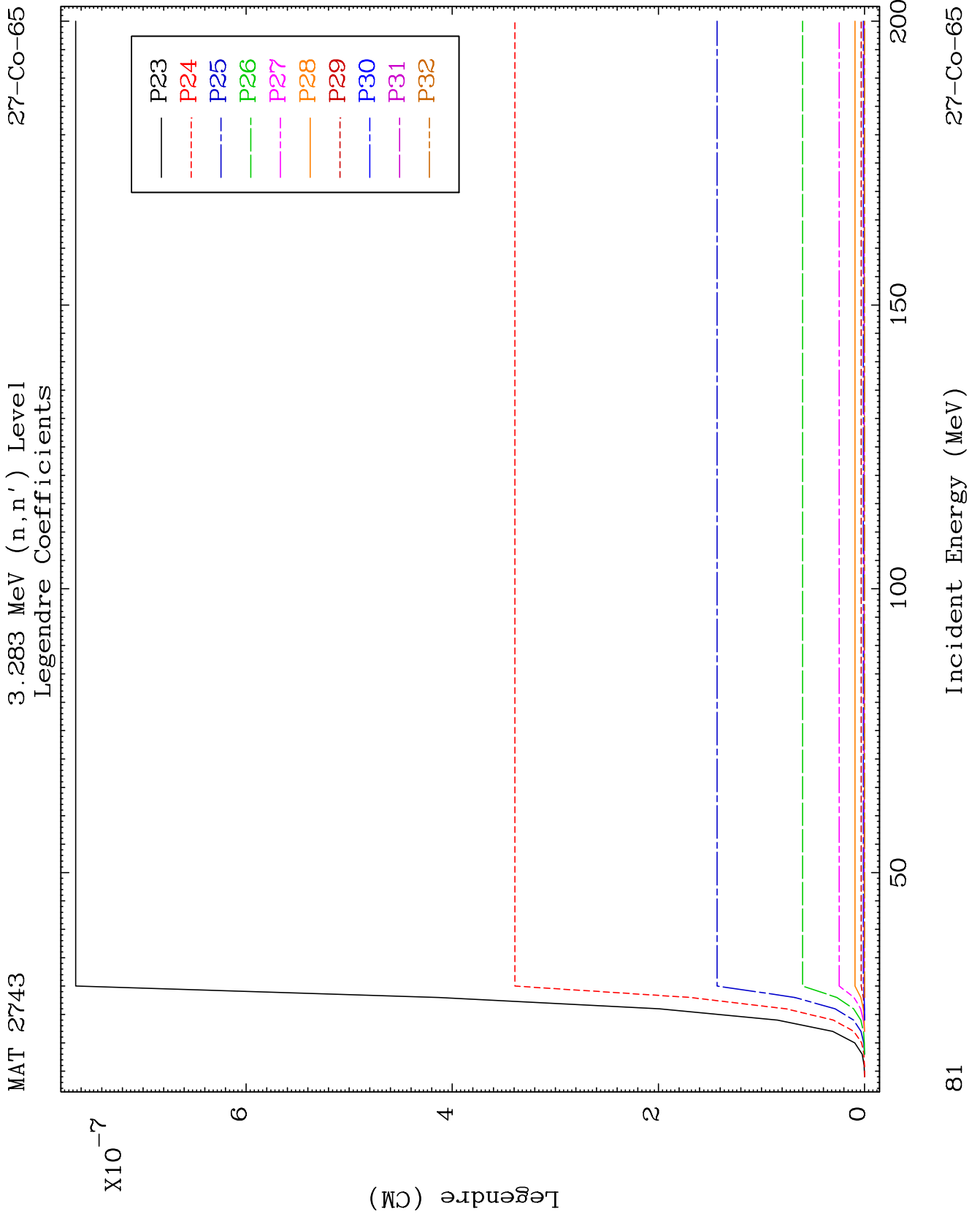


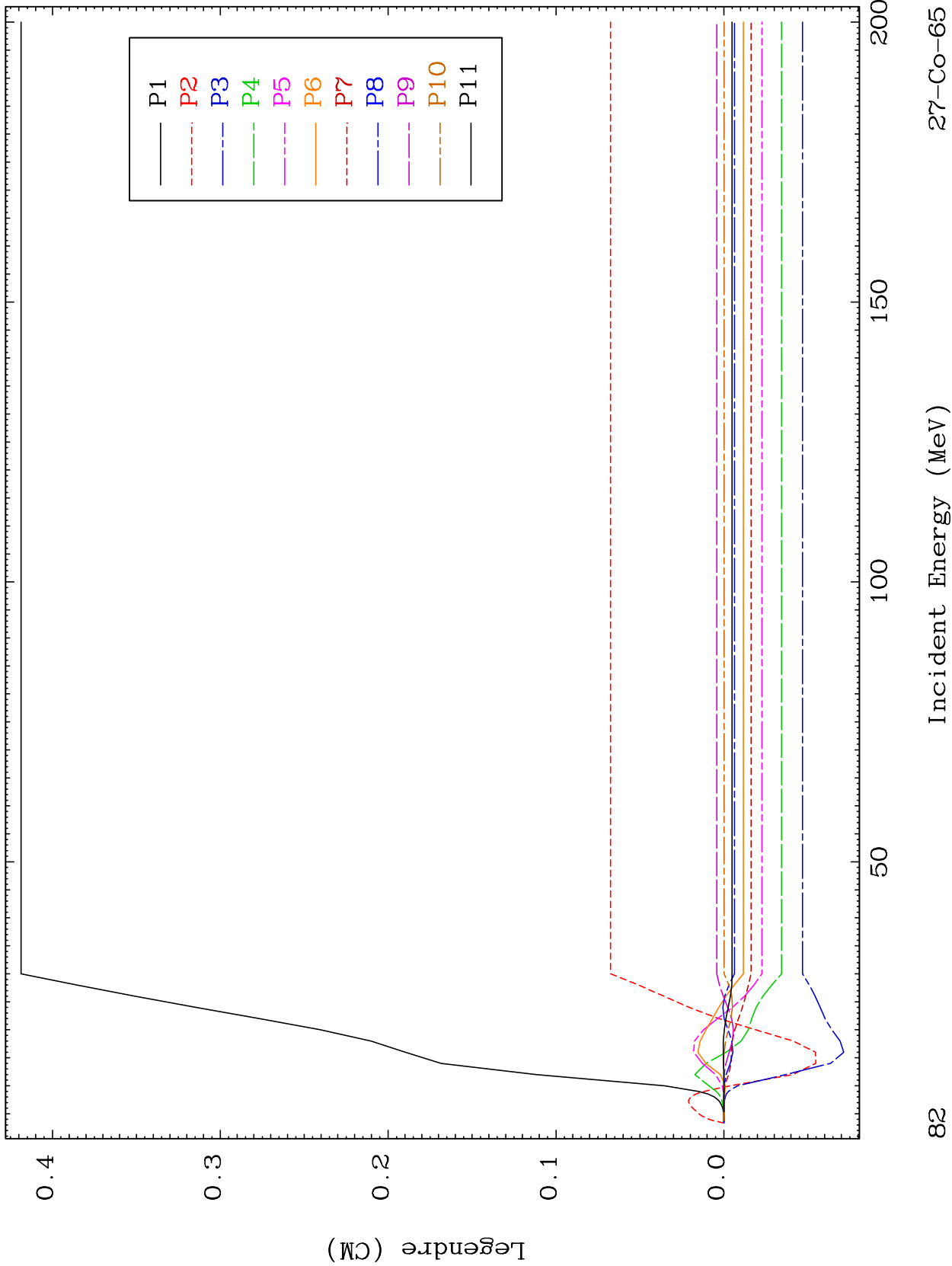
79

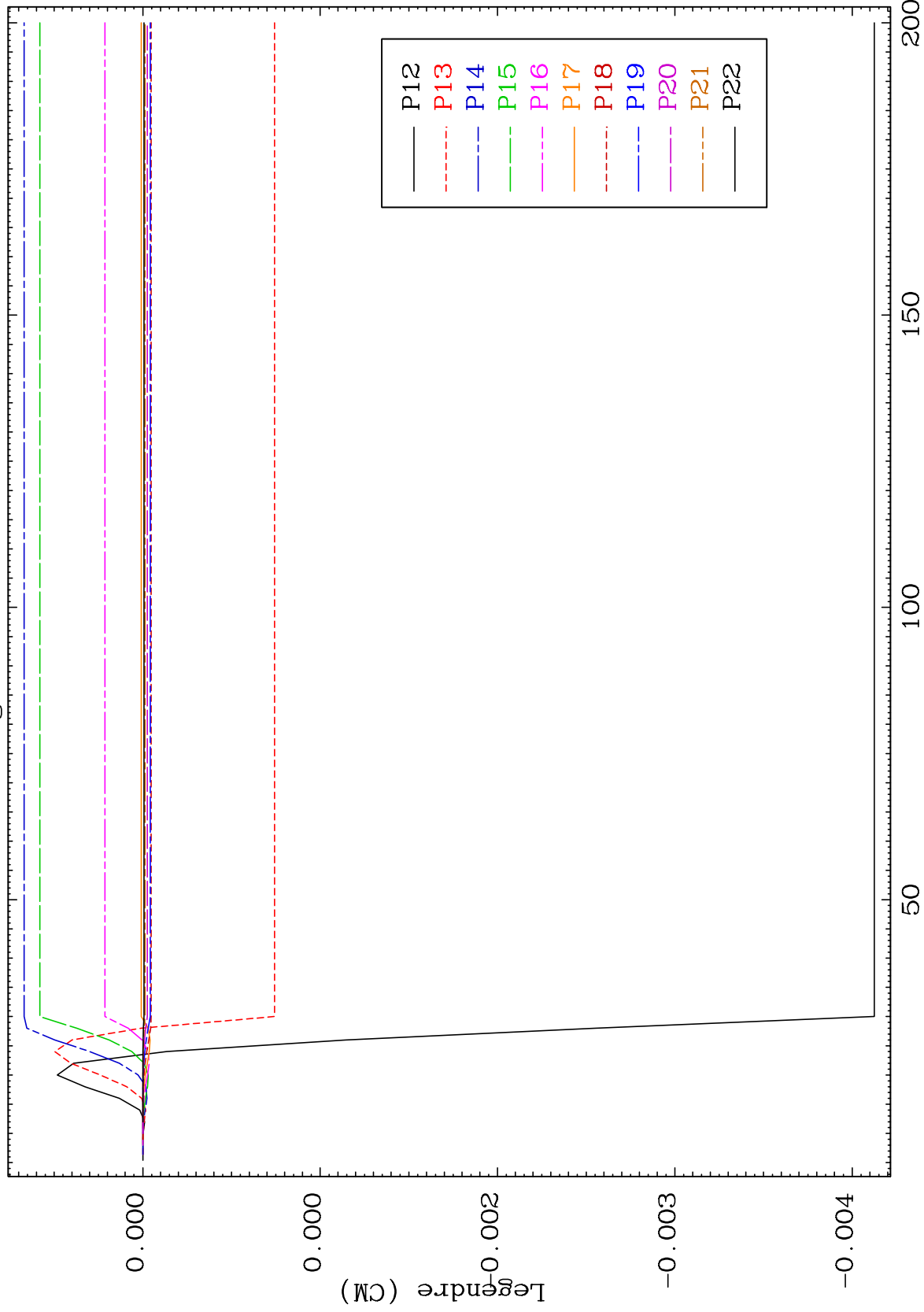
Incident Energy (MeV)

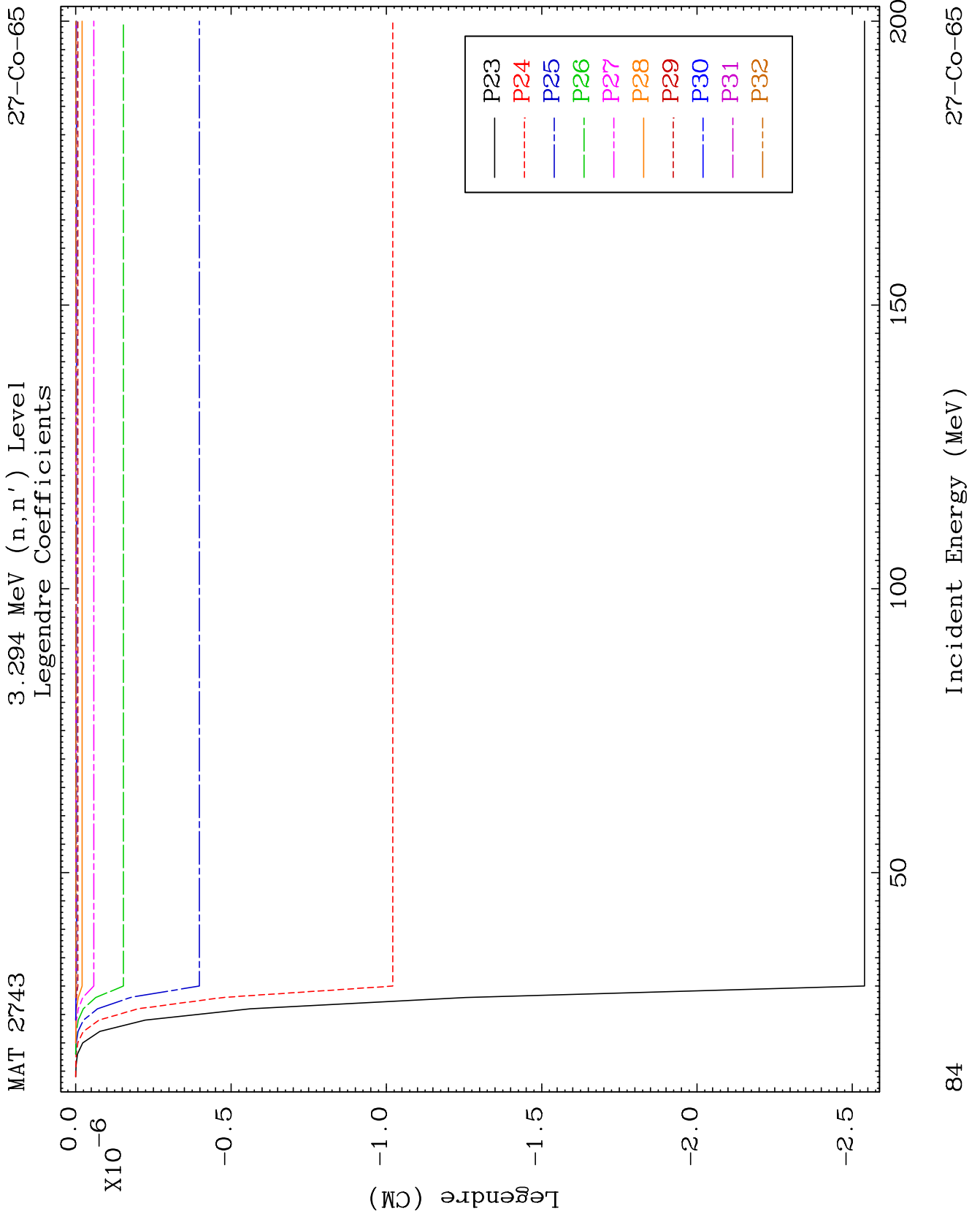
27-Co-65







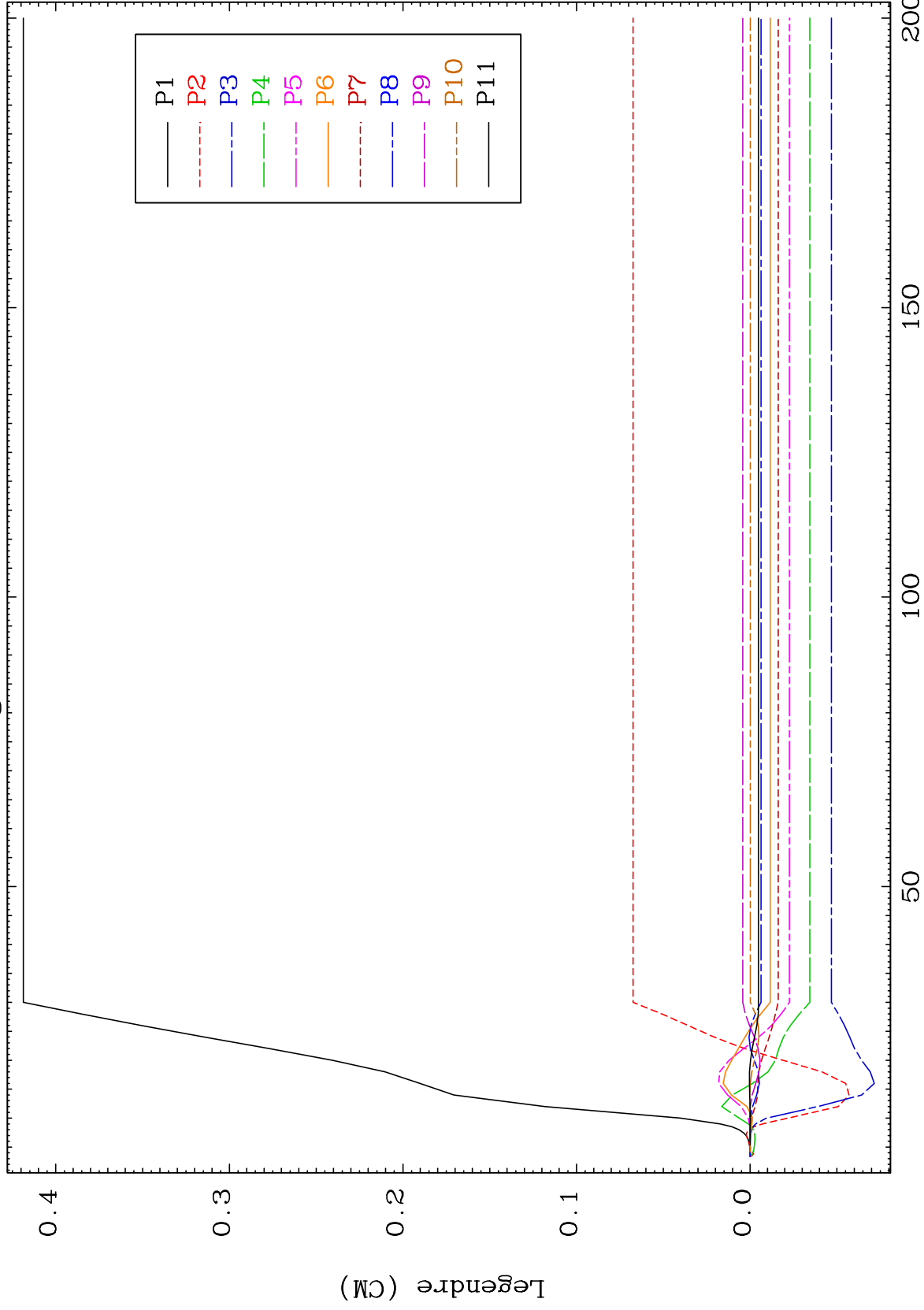




MAT 2743

3.298 MeV (n,n') Level
Legendre Coefficients

27-Co-65



85

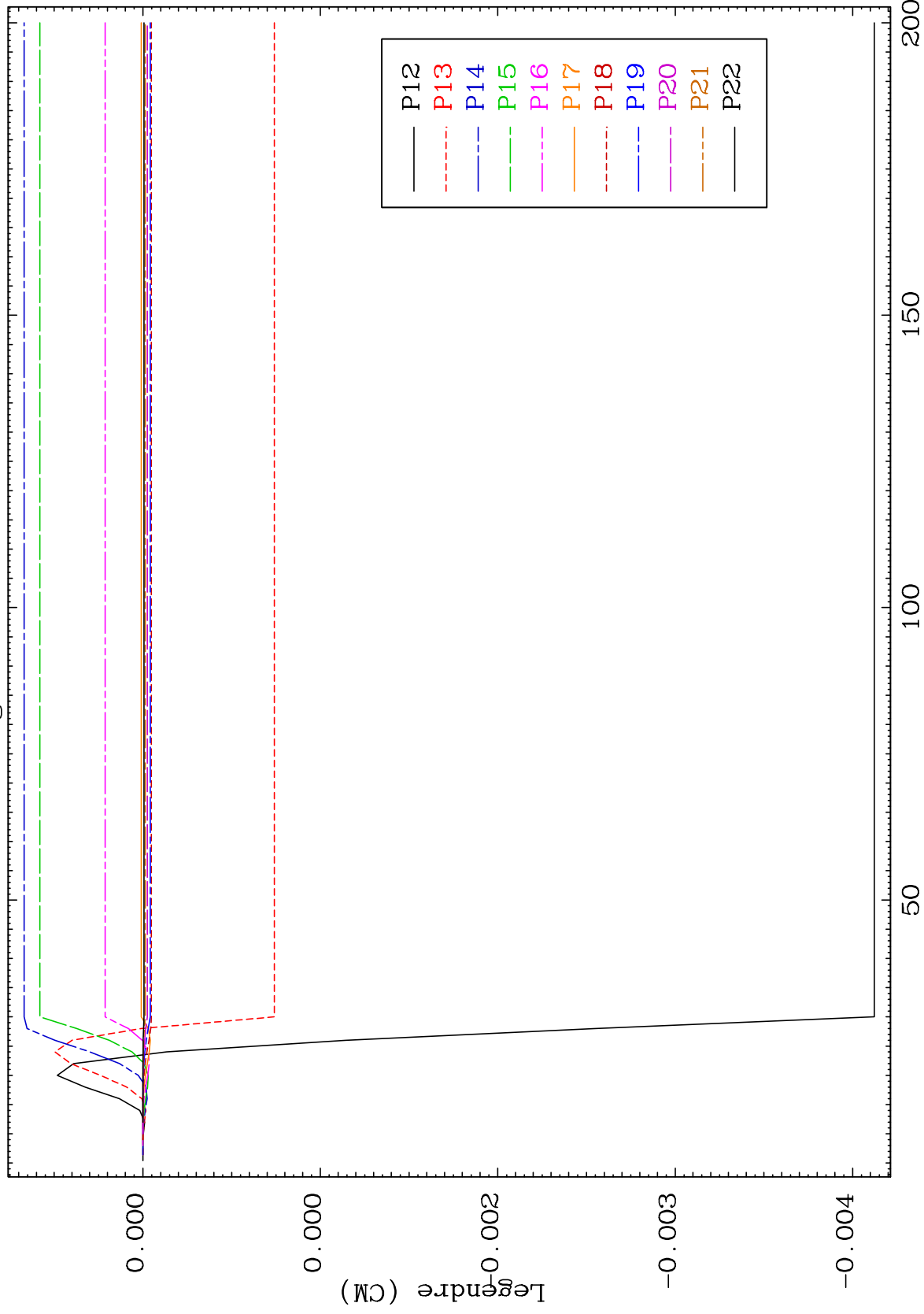
Incident Energy (MeV)

27-Co-65

MAT 2743

3.298 MeV (n,n') Level
Legendre Coefficients

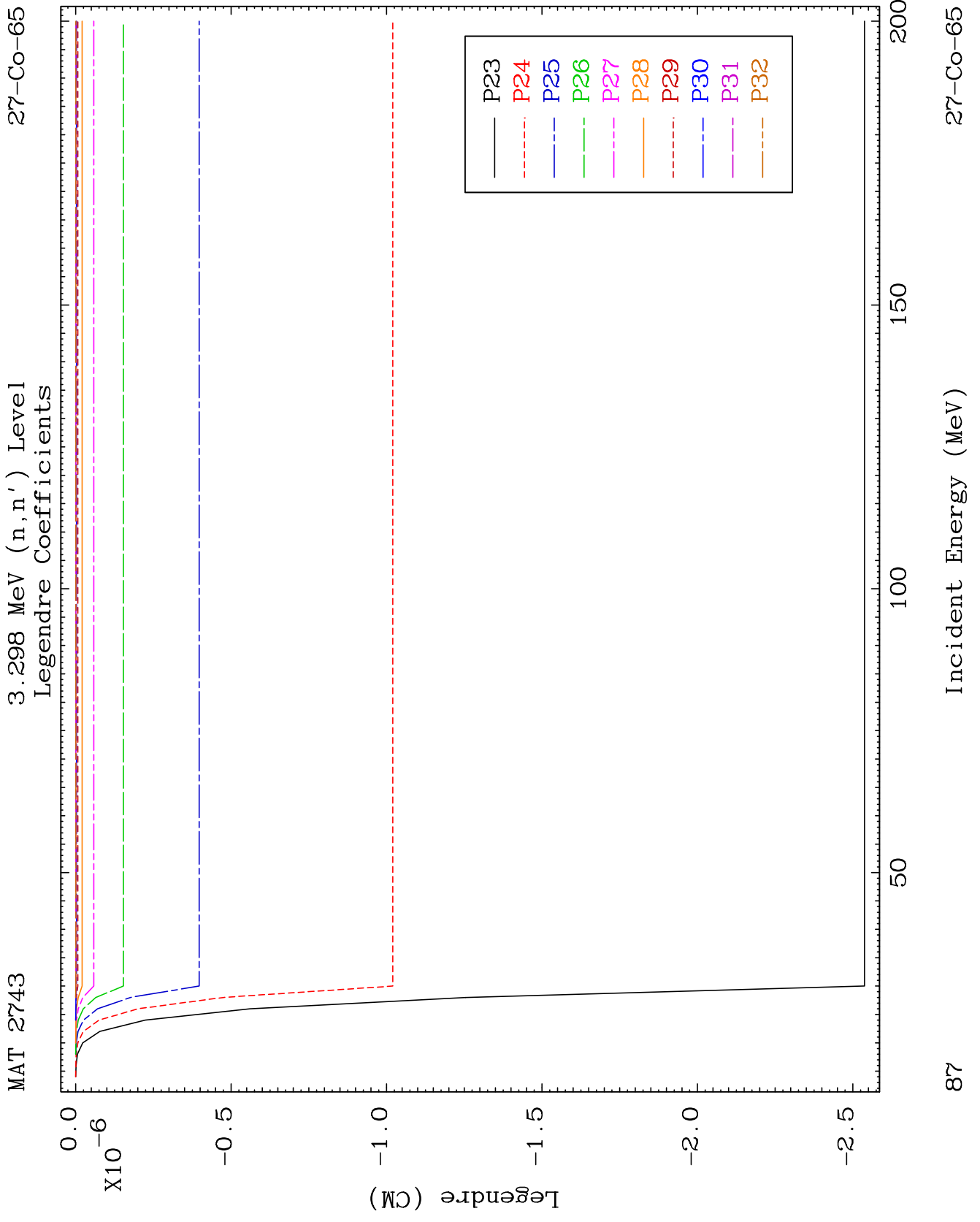
27-Co-65

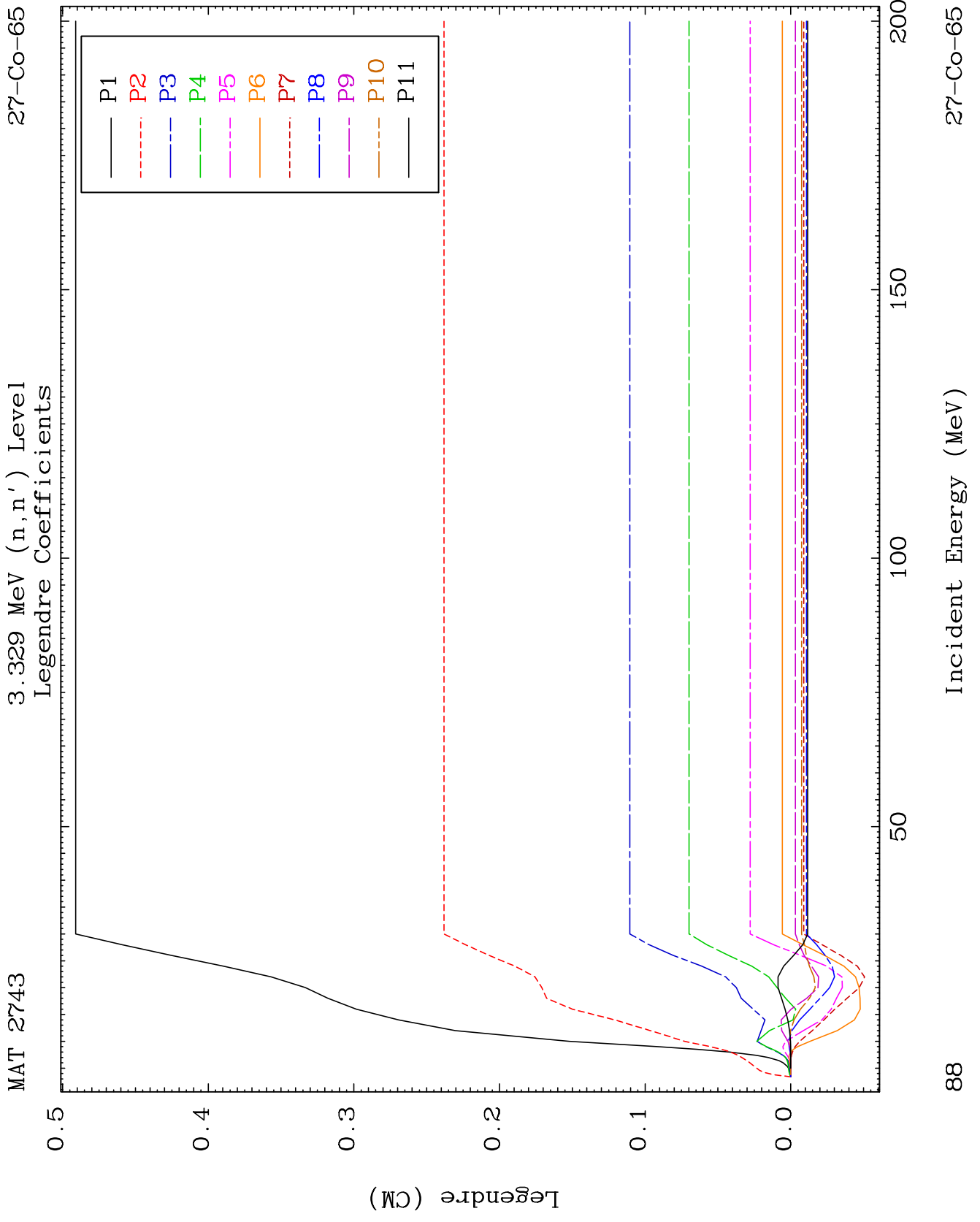


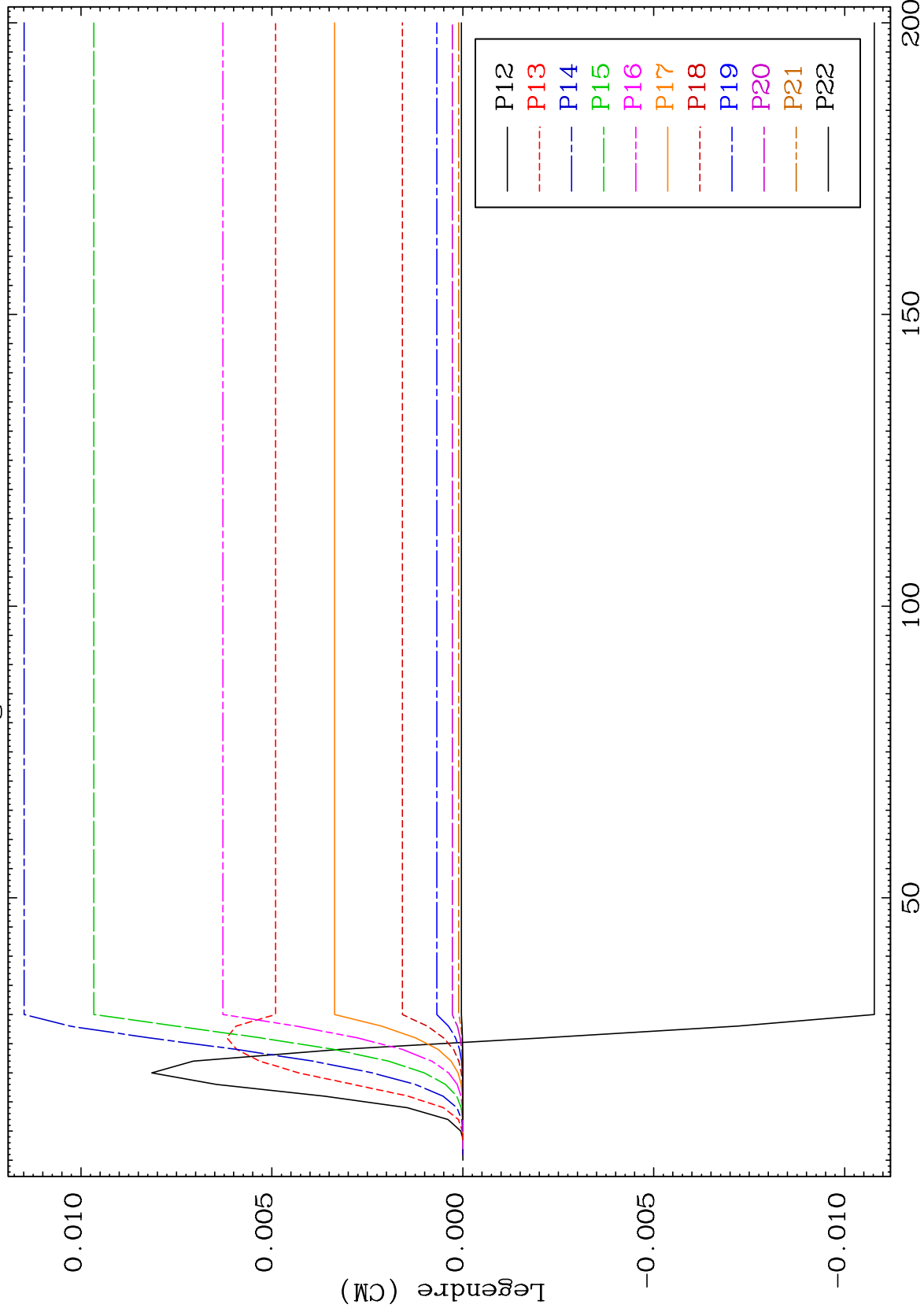
86

Incident Energy (MeV)

27-Co-65



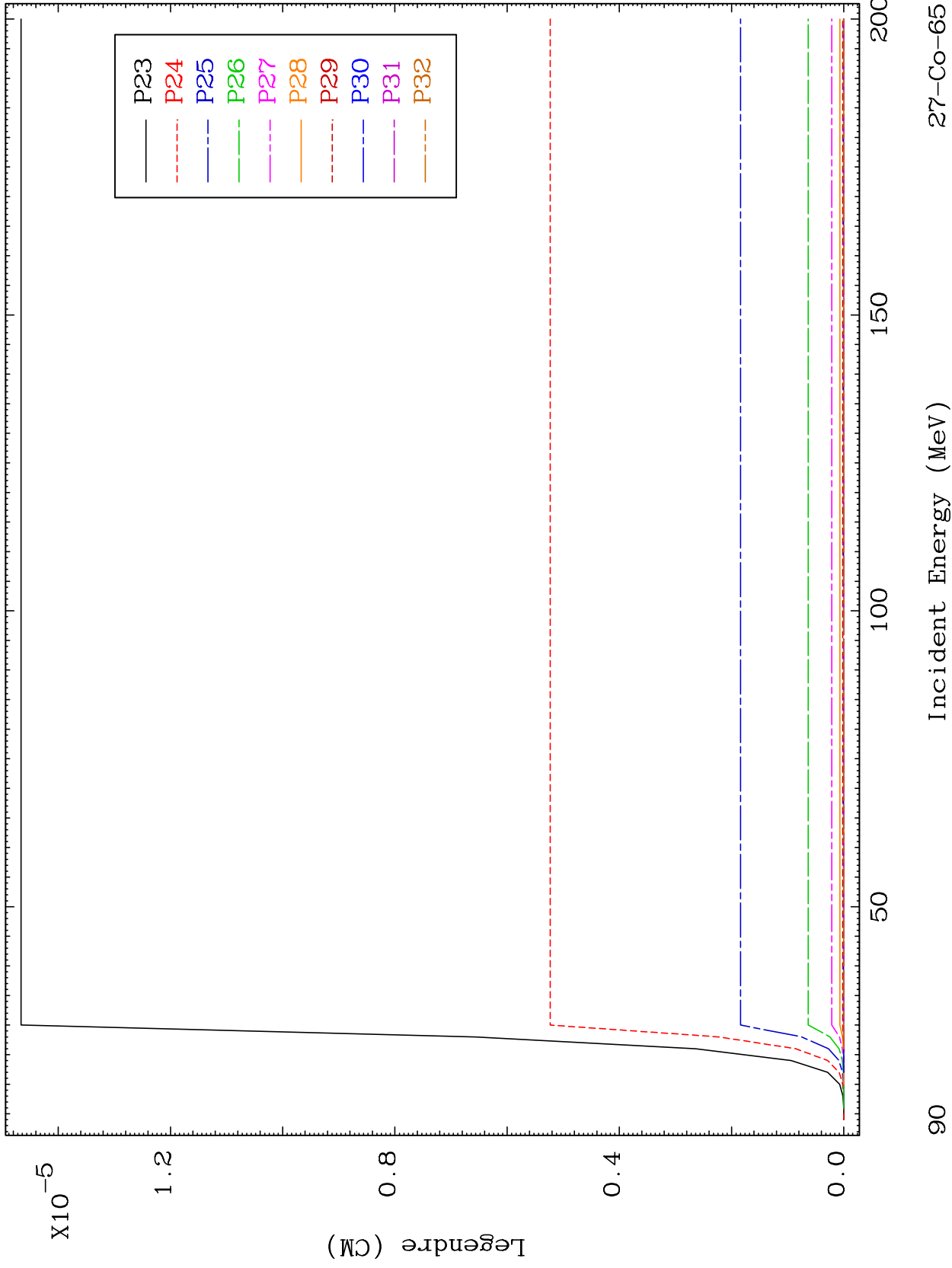




MAT 2743

3.329 MeV (n,n') Level
Legendre Coefficients

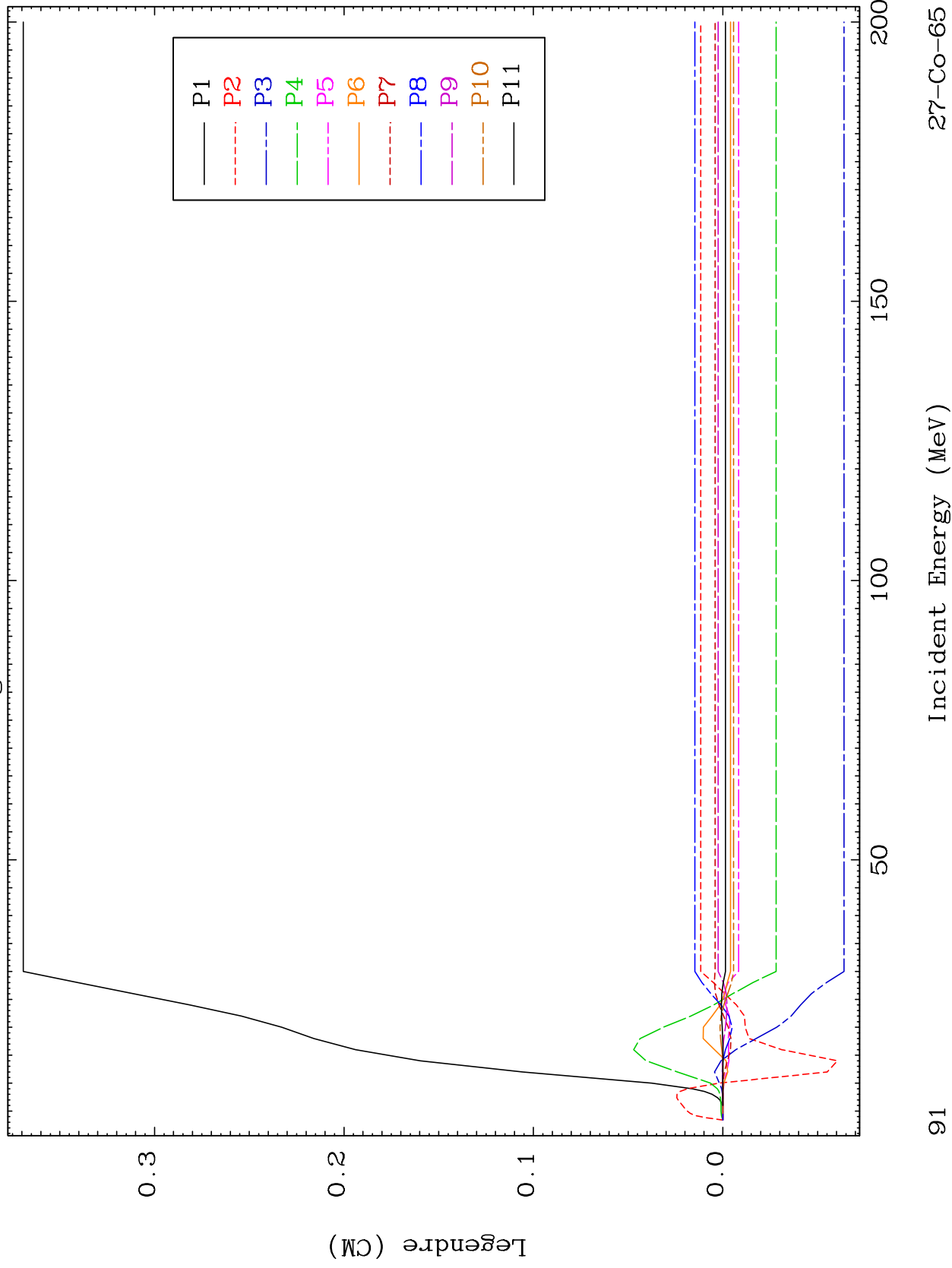
27-Co-65

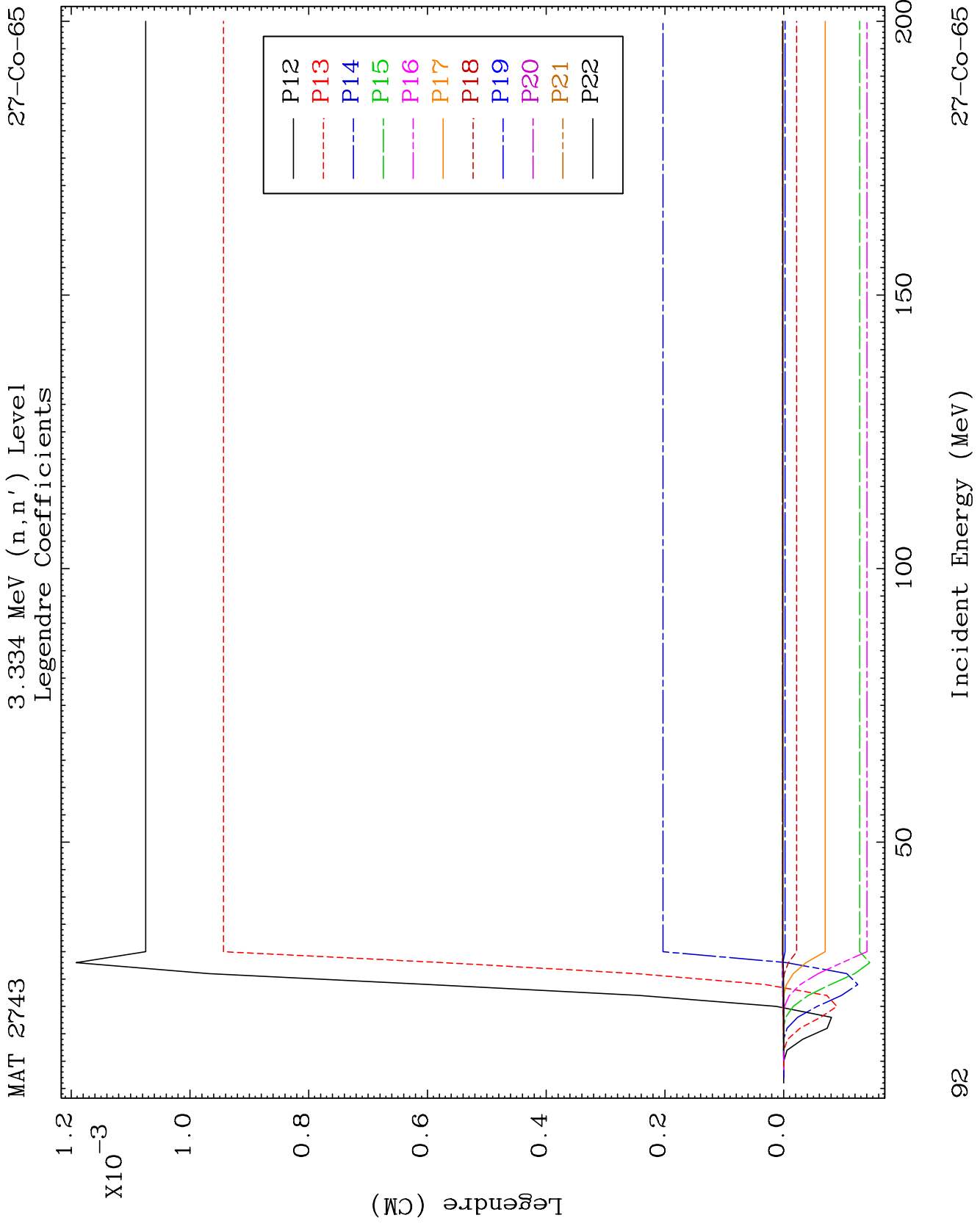


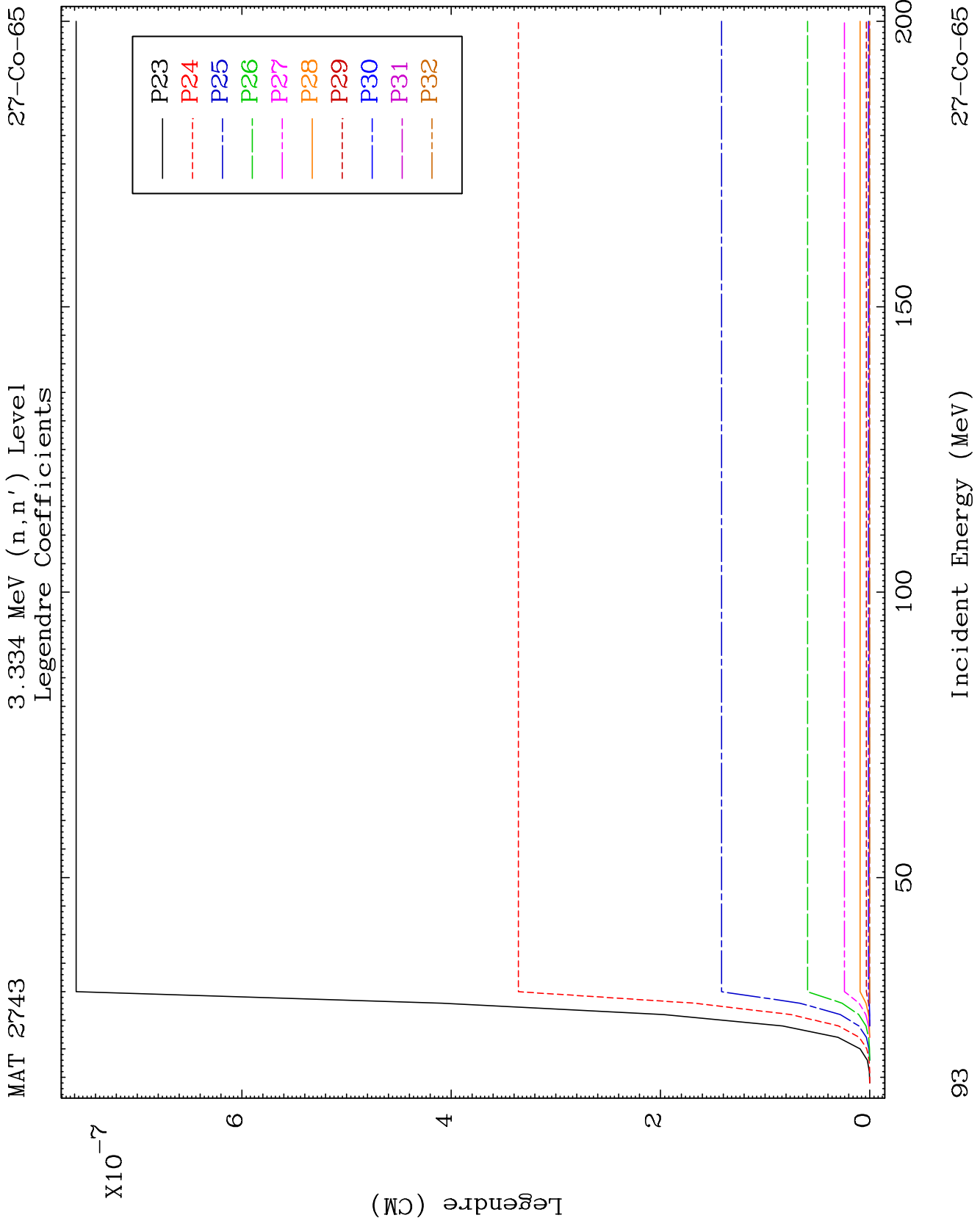
MAT 2743

3.334 MeV (n,n') Level
Legendre Coefficients

27-Co-65



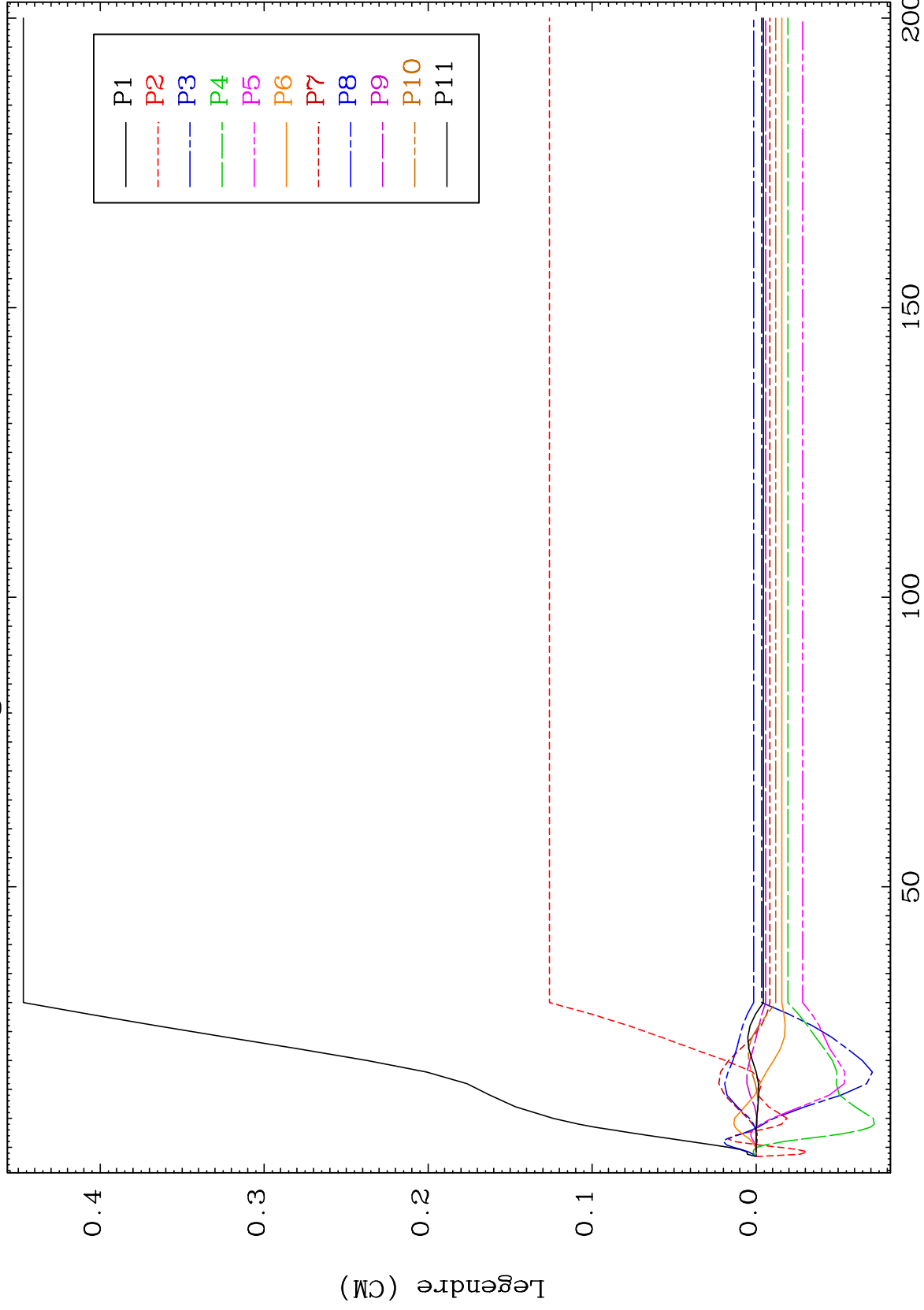




MAT 2743

3.338 MeV (n,n') Level
Legendre Coefficients

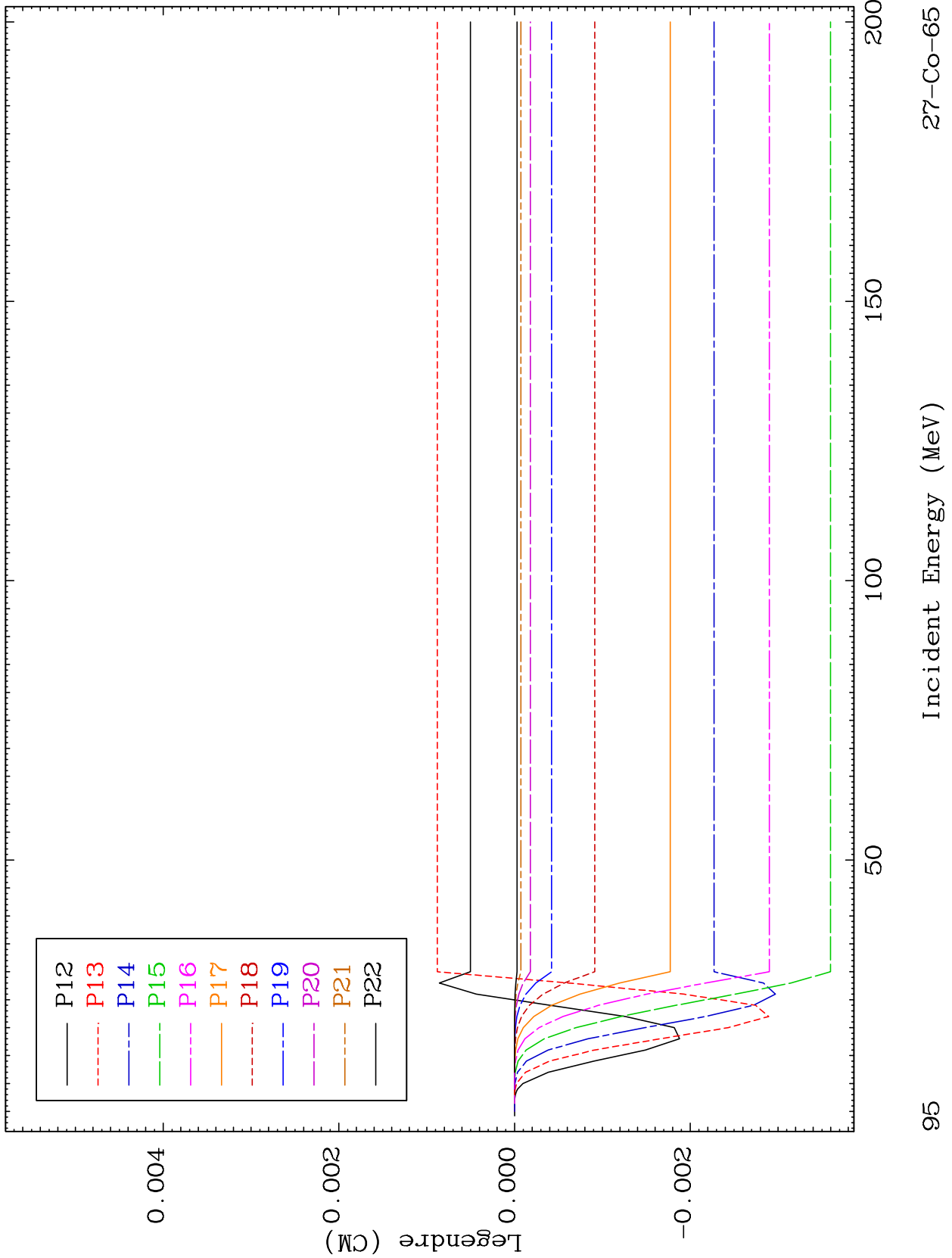
27-Co-65

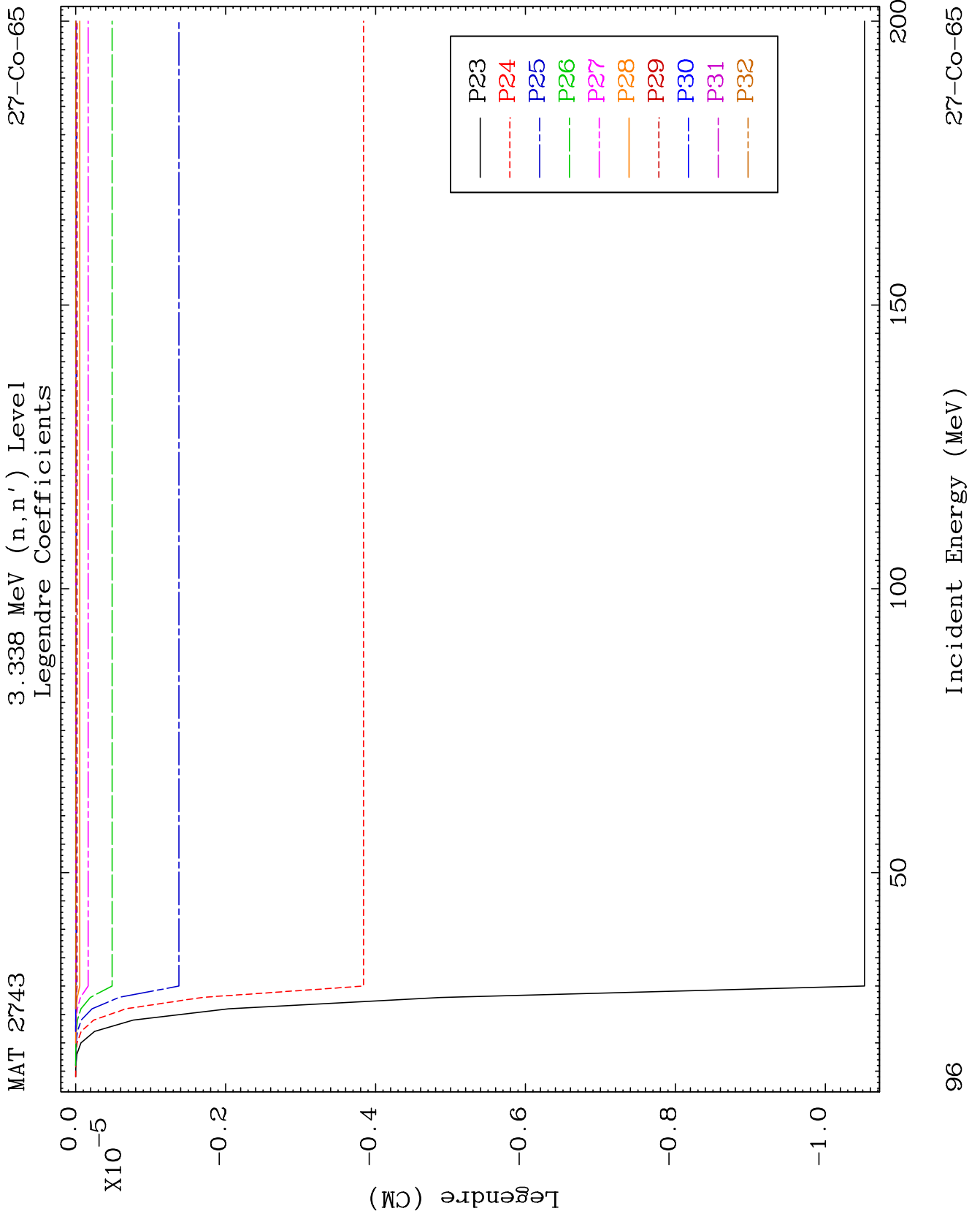


94

Incident Energy (MeV)

27-Co-65

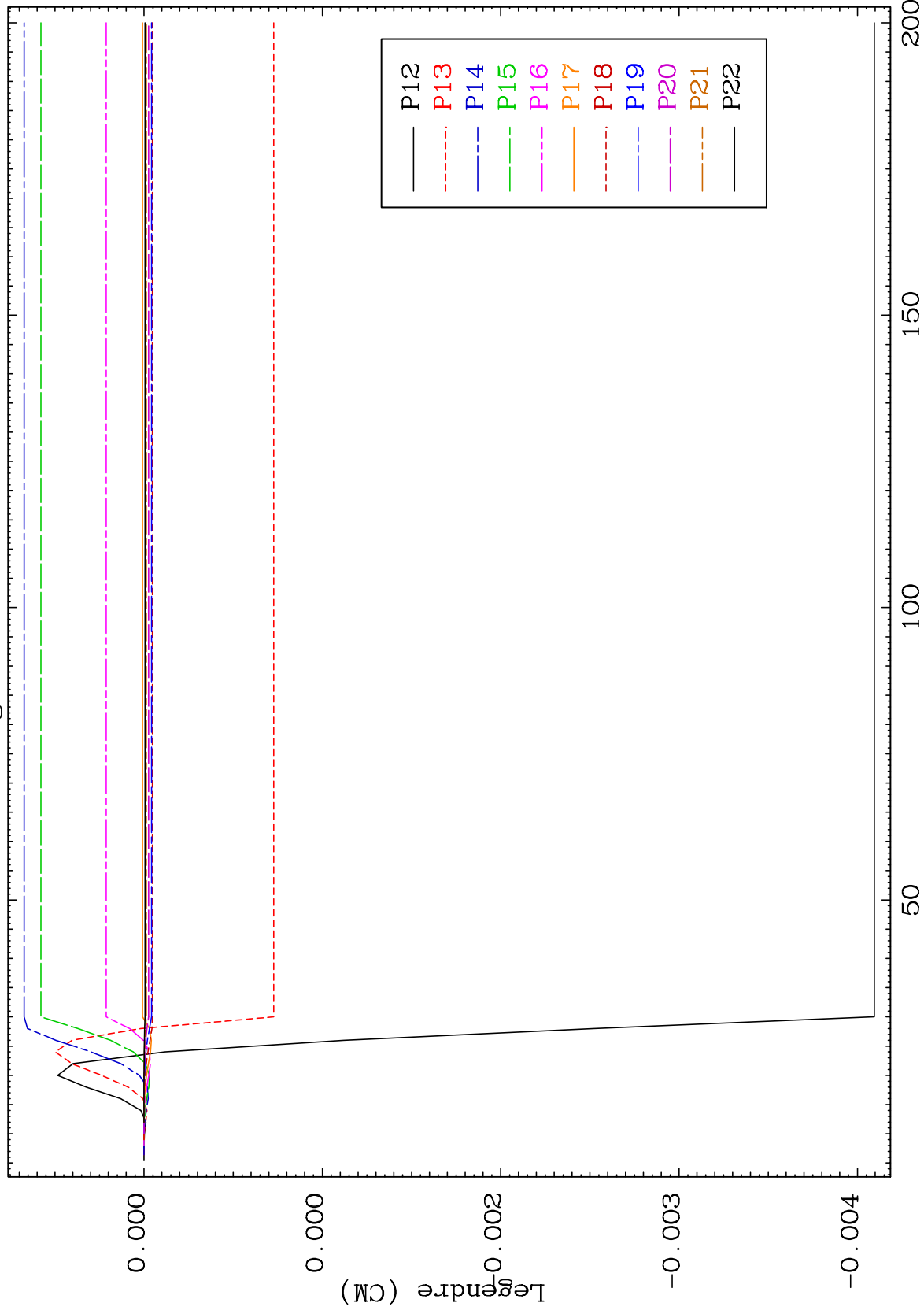




MAT 2743

3.343 MeV (n,n') Level
Legendre Coefficients

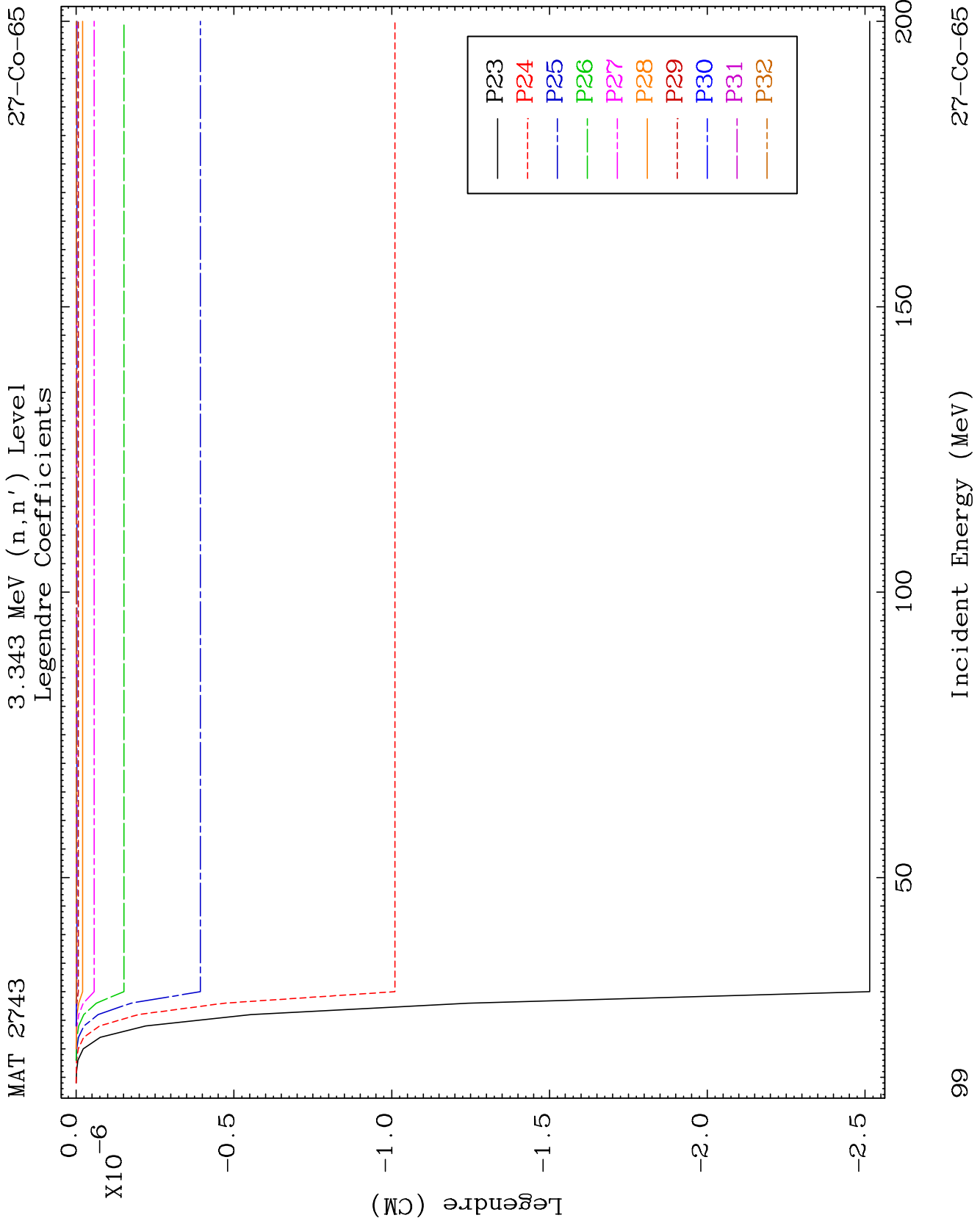
27-Co-65



98

Incident Energy (MeV)

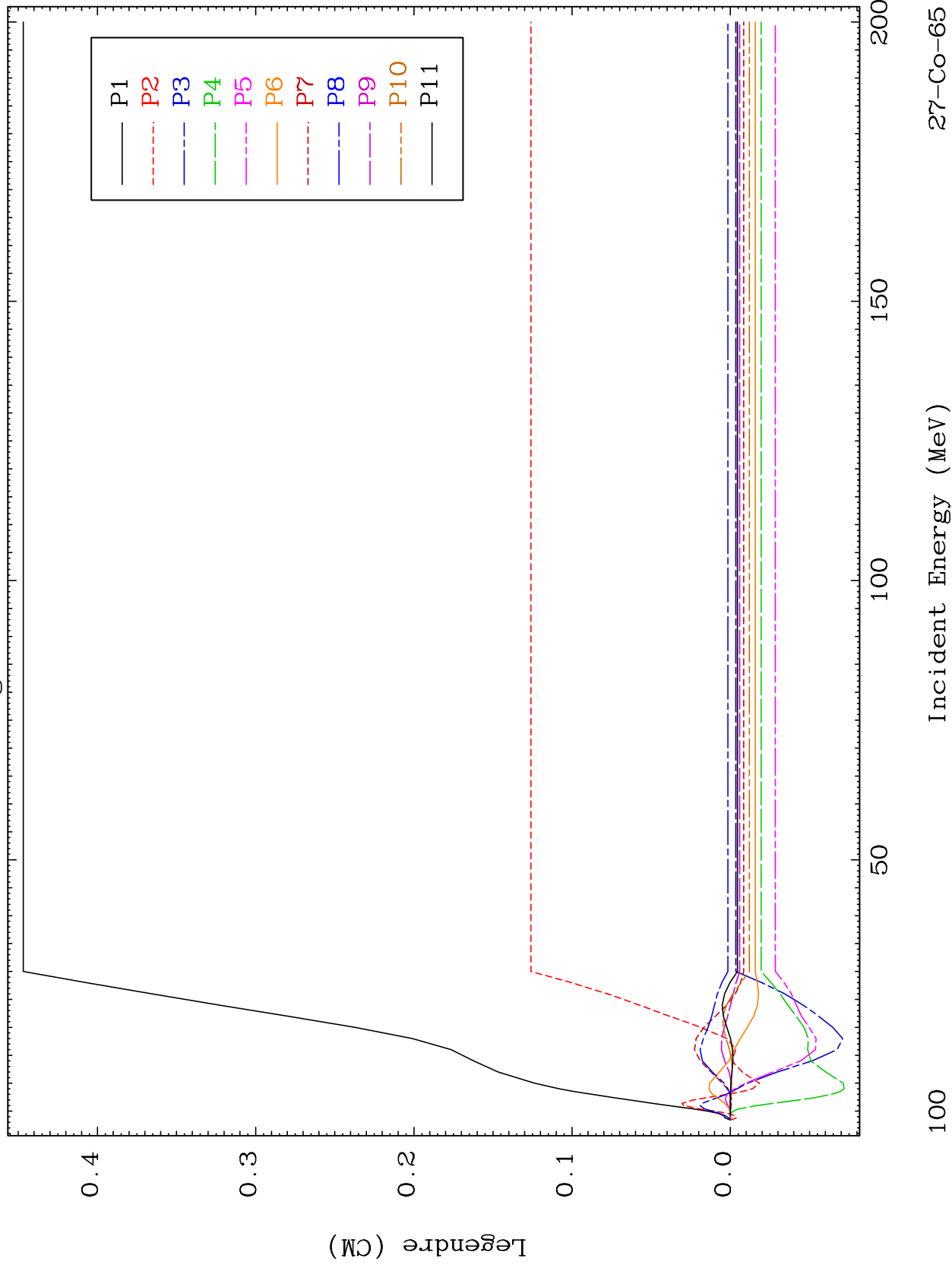
27-Co-65



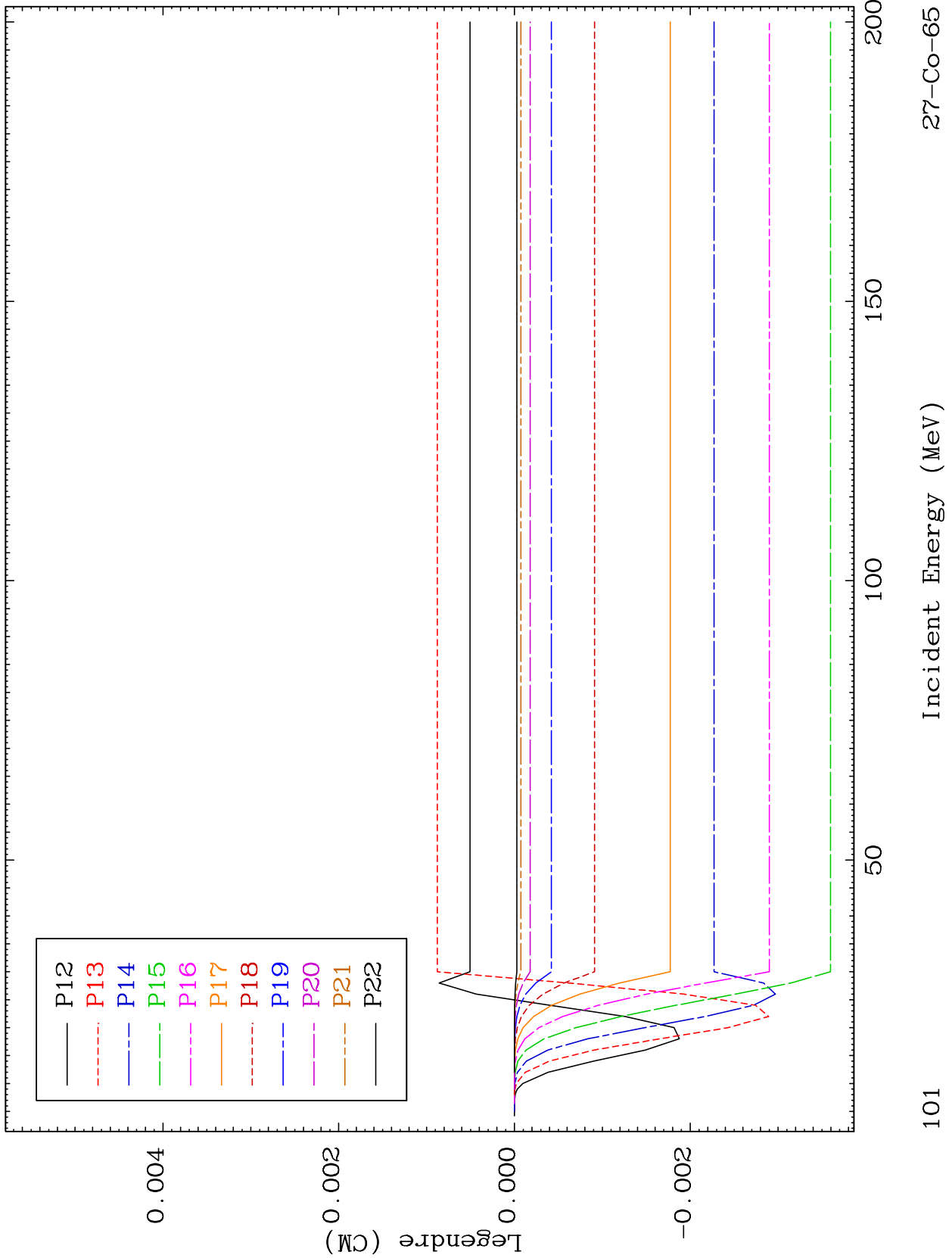
MAT 2743

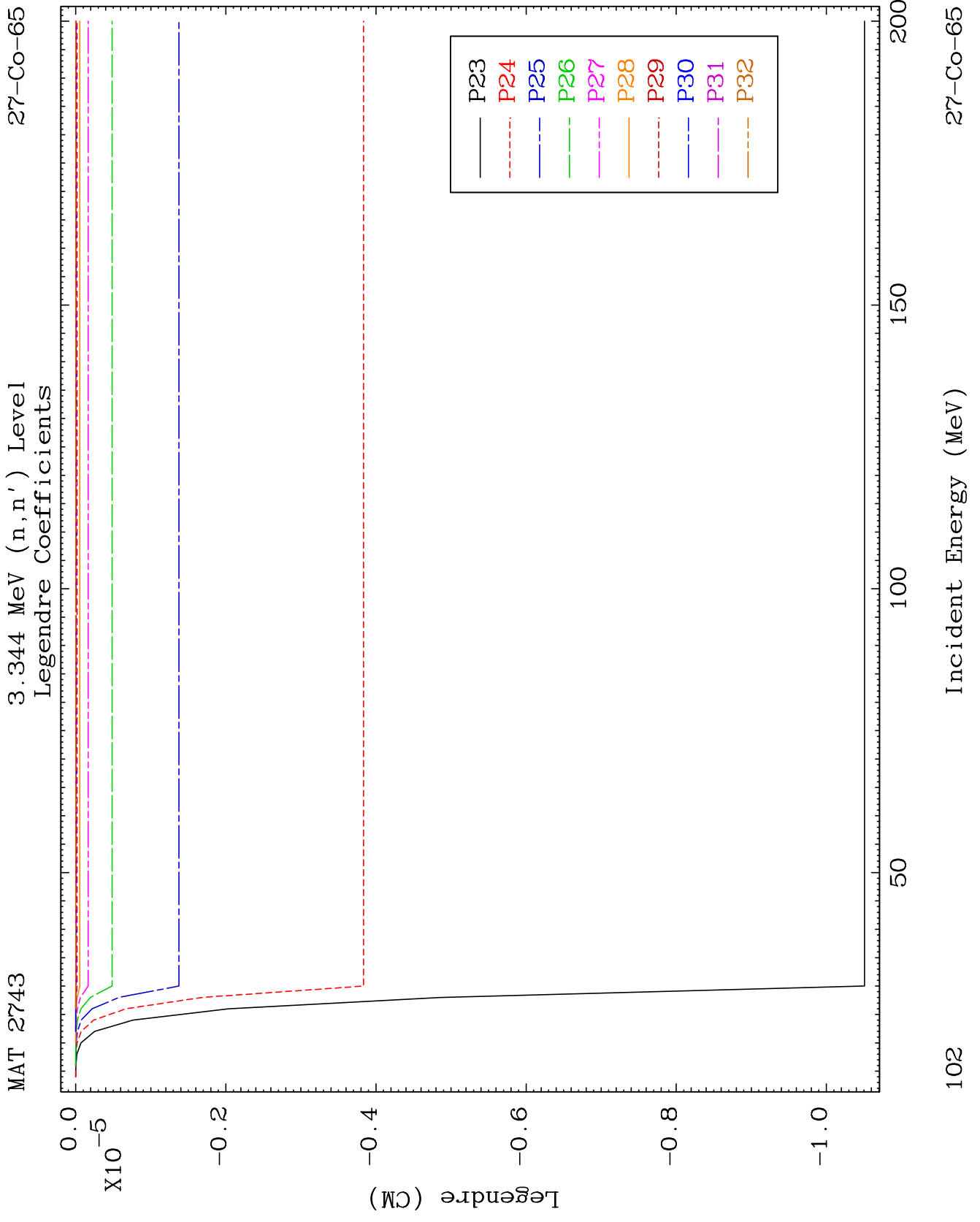
3.344 MeV (n,n') Level
Legendre Coefficients

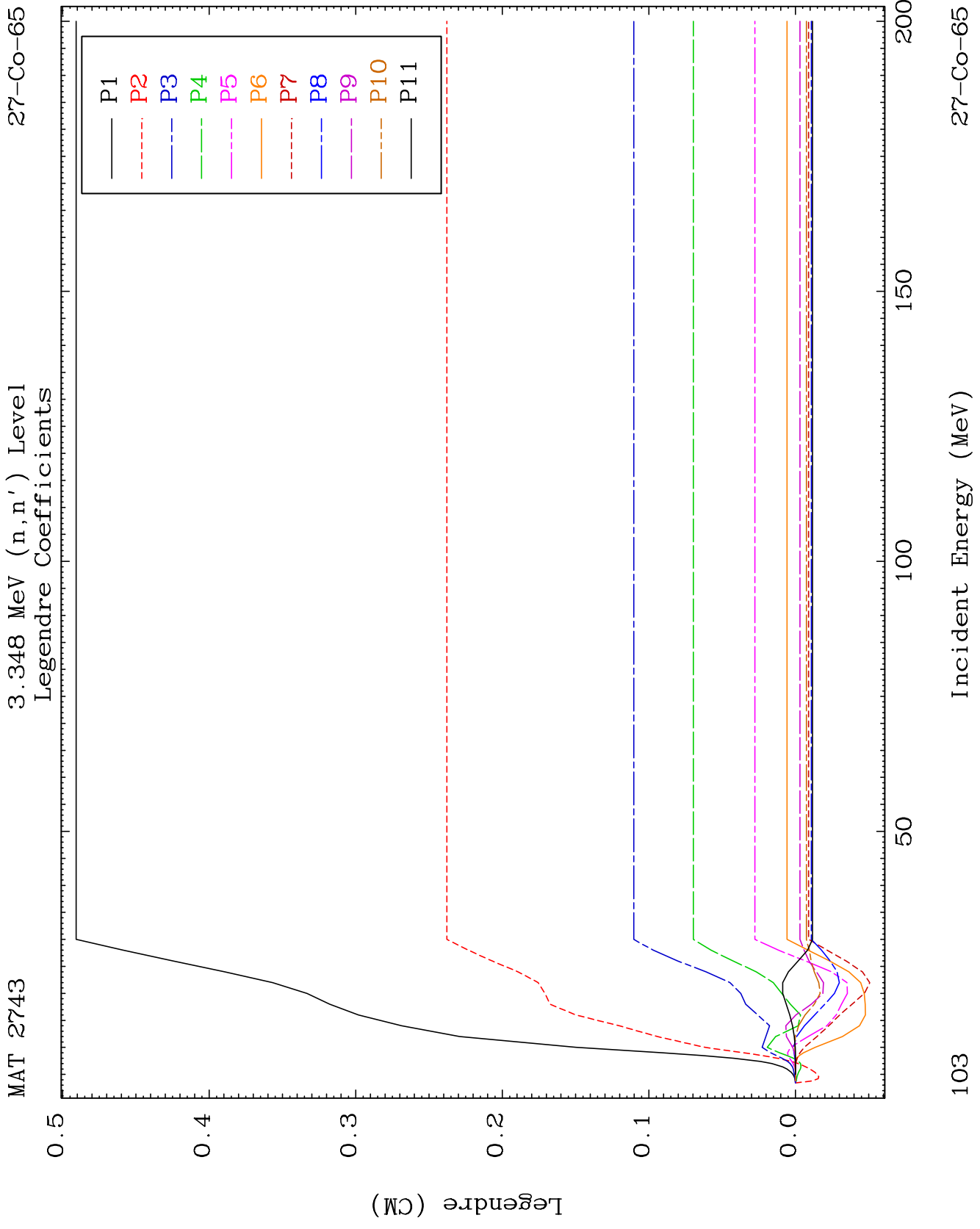
27-Co-65



27-Co-65



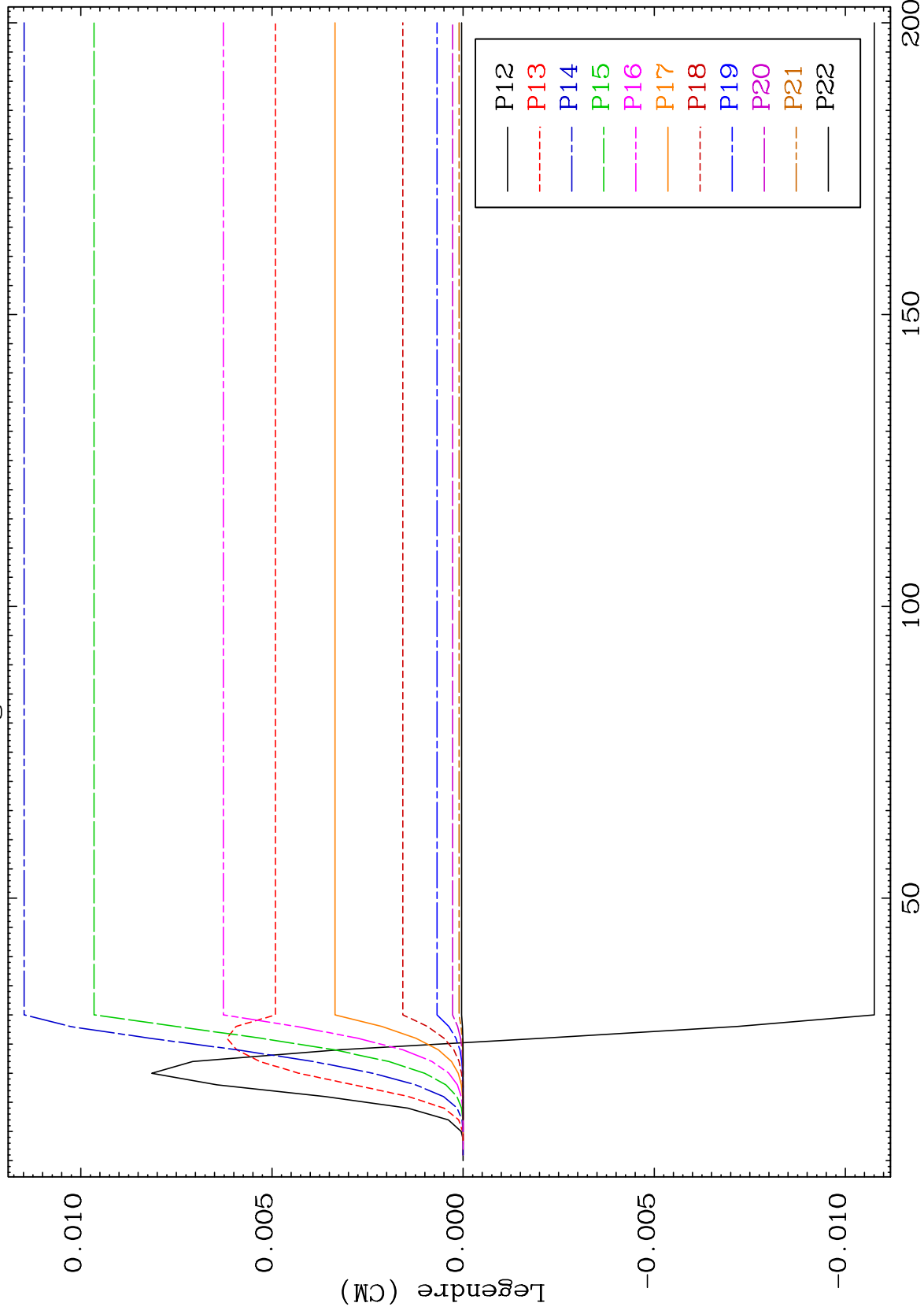




MAT 2743

3.348 MeV (n,n') Level
Legendre Coefficients

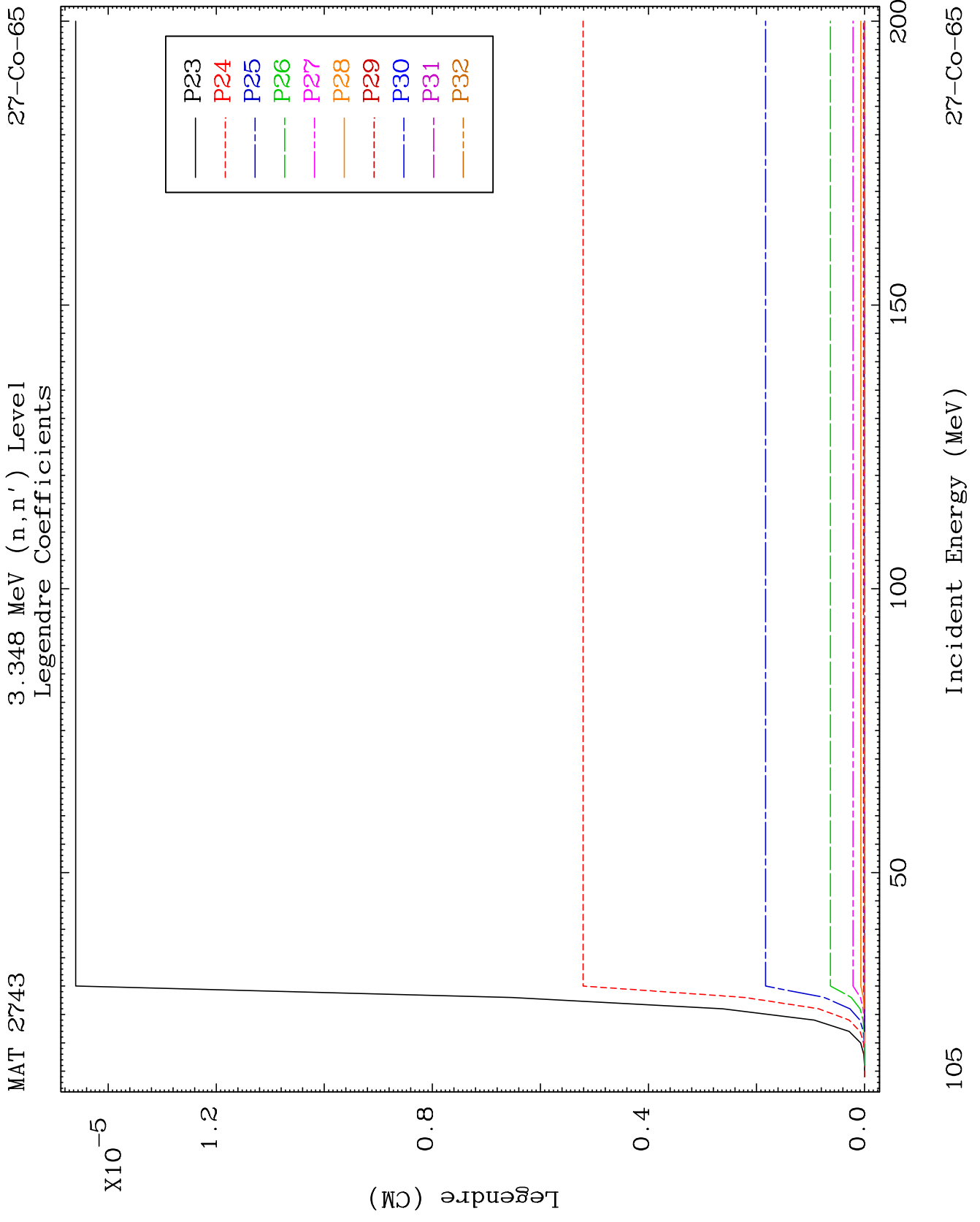
27-Co-65

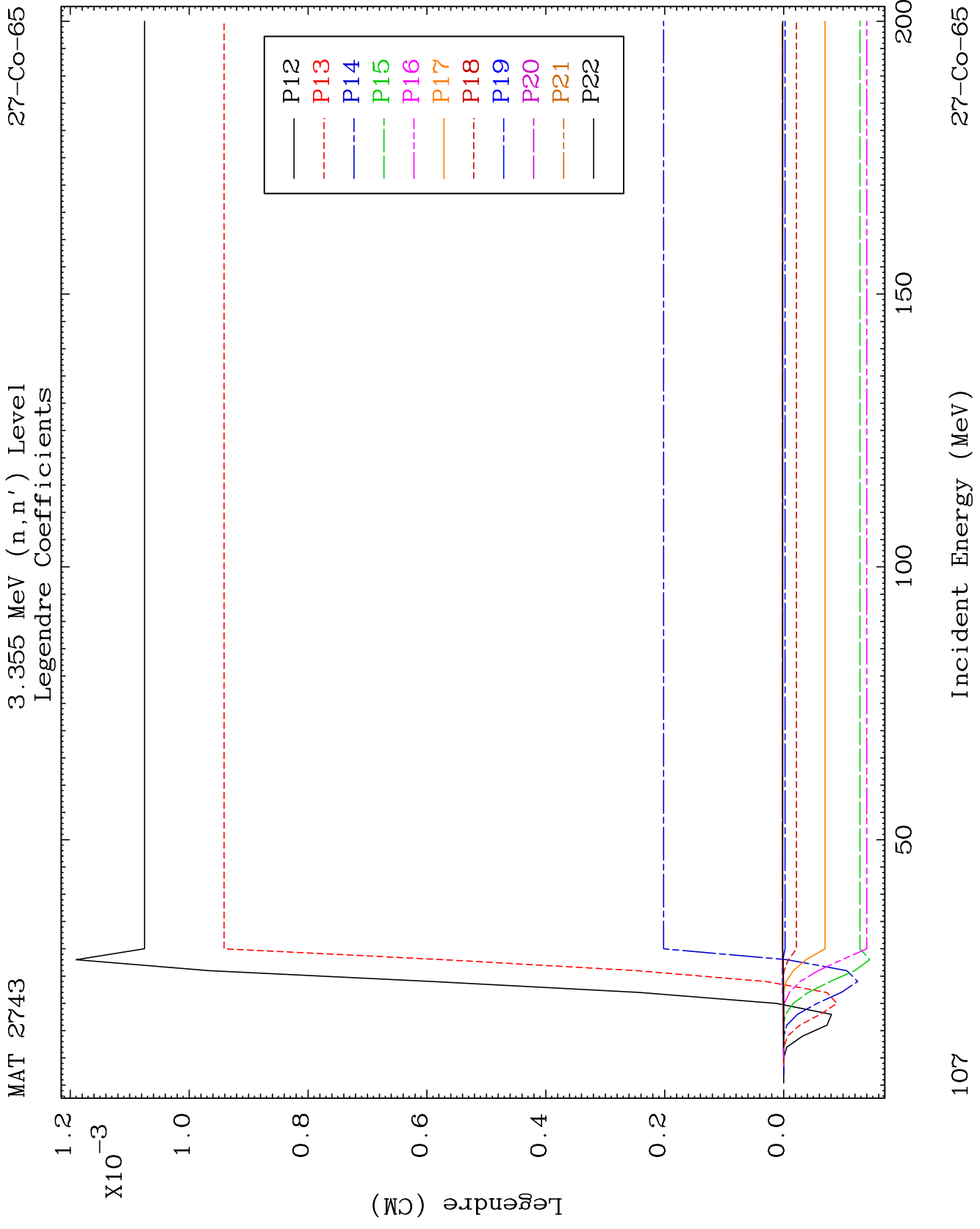


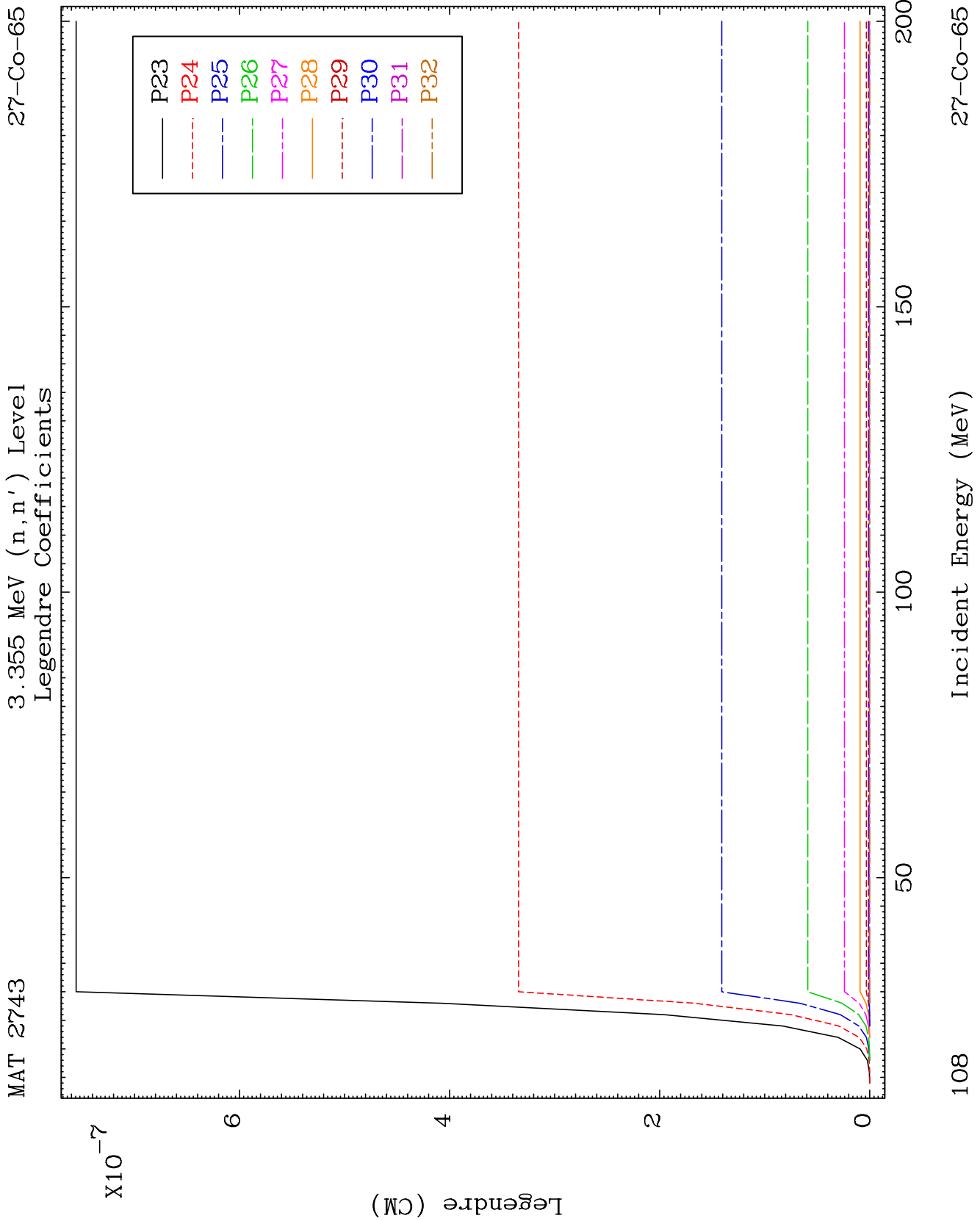
104

Incident Energy (MeV)

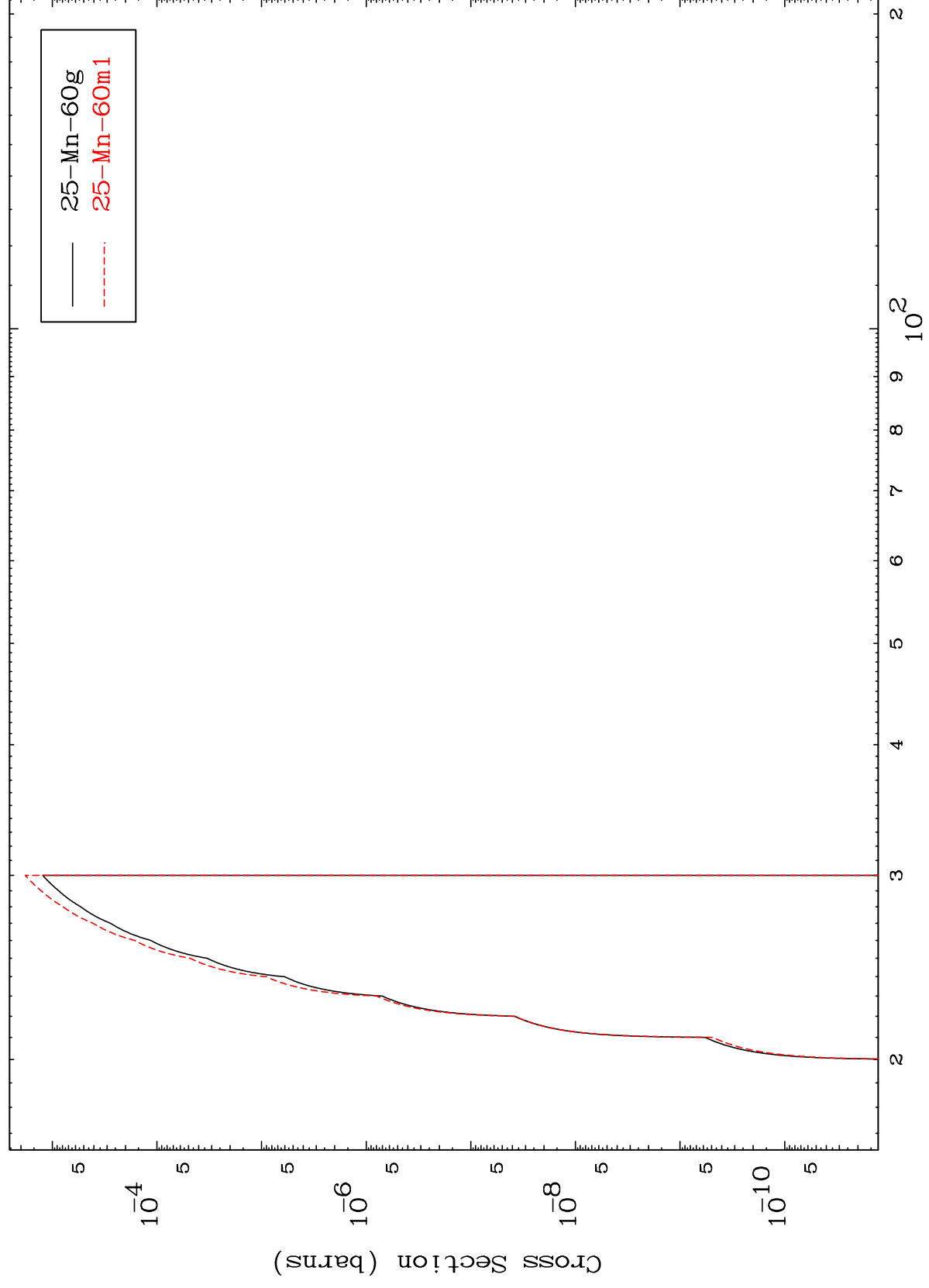
27-Co-65







Radionuclide Production Cross Section

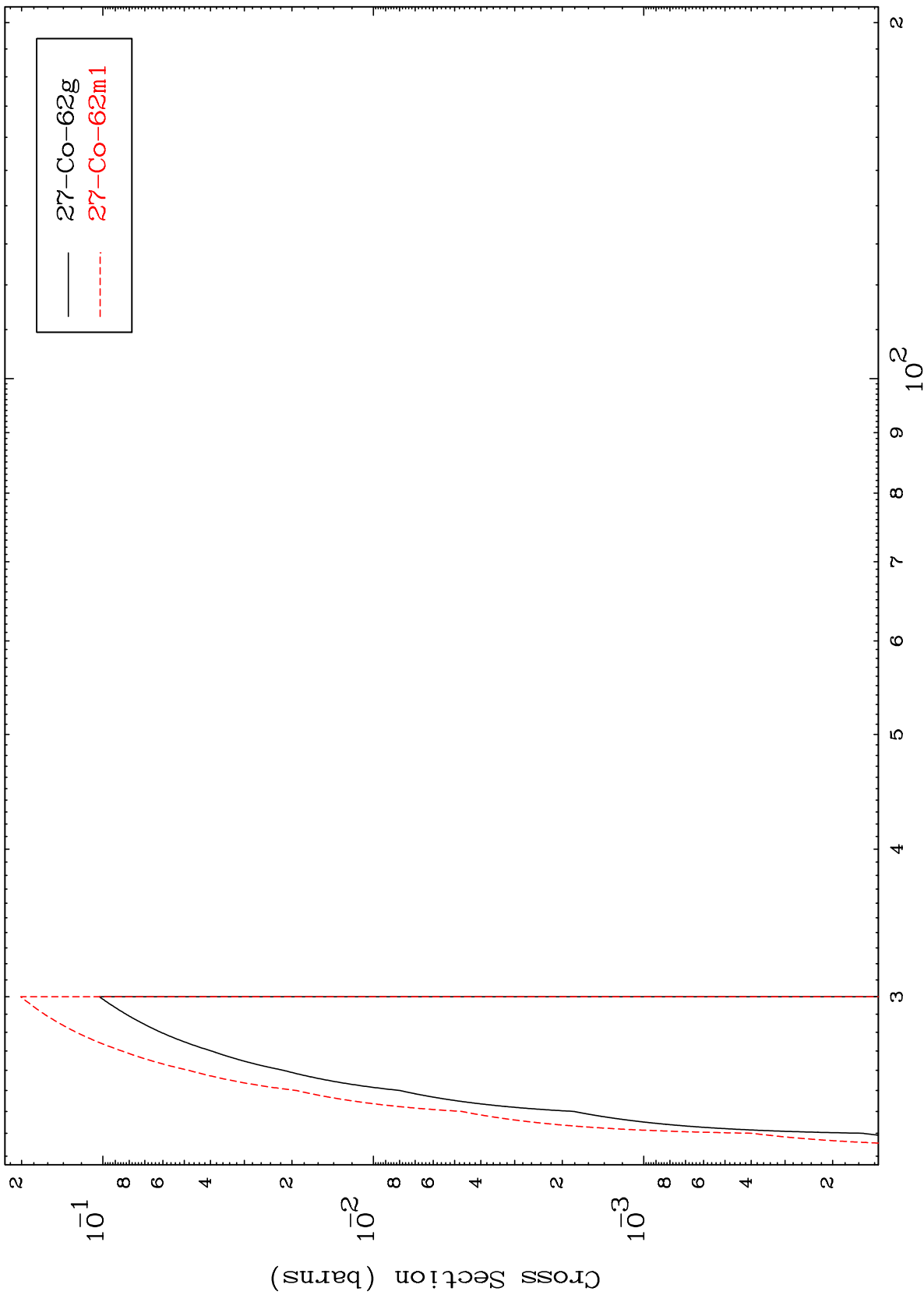


MAT 2743

²⁷Co-65

(n,4n)

Radionuclide Production Cross Section



²⁷Co-65

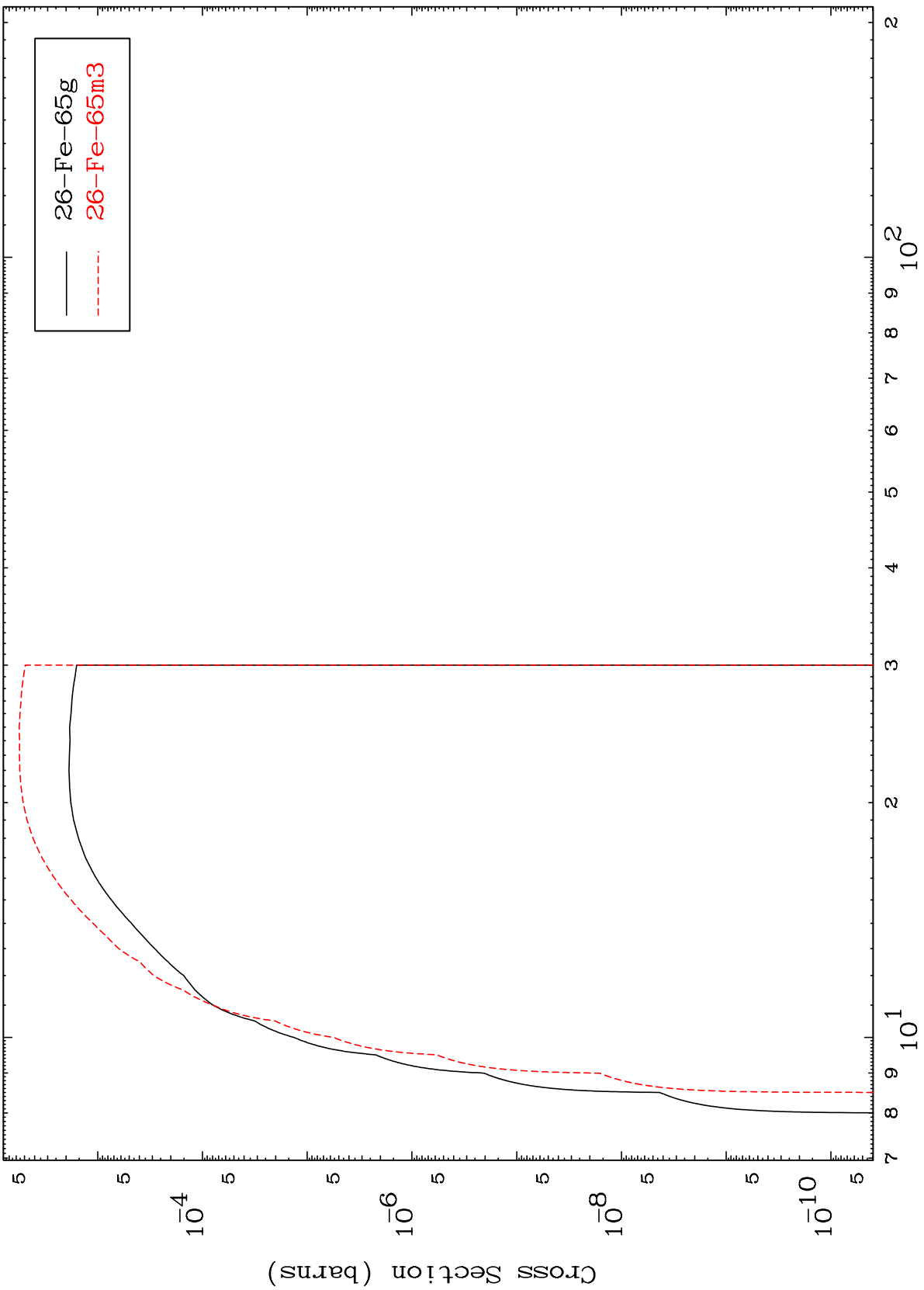
Incident Energy (MeV)

110

MAT 2743

27-Co-65

(n,p)
Radionuclide Production Cross Section



111

Incident Energy (MeV)

27-Co-65