

Program EVALPLOT
(Version 2021-1)

by

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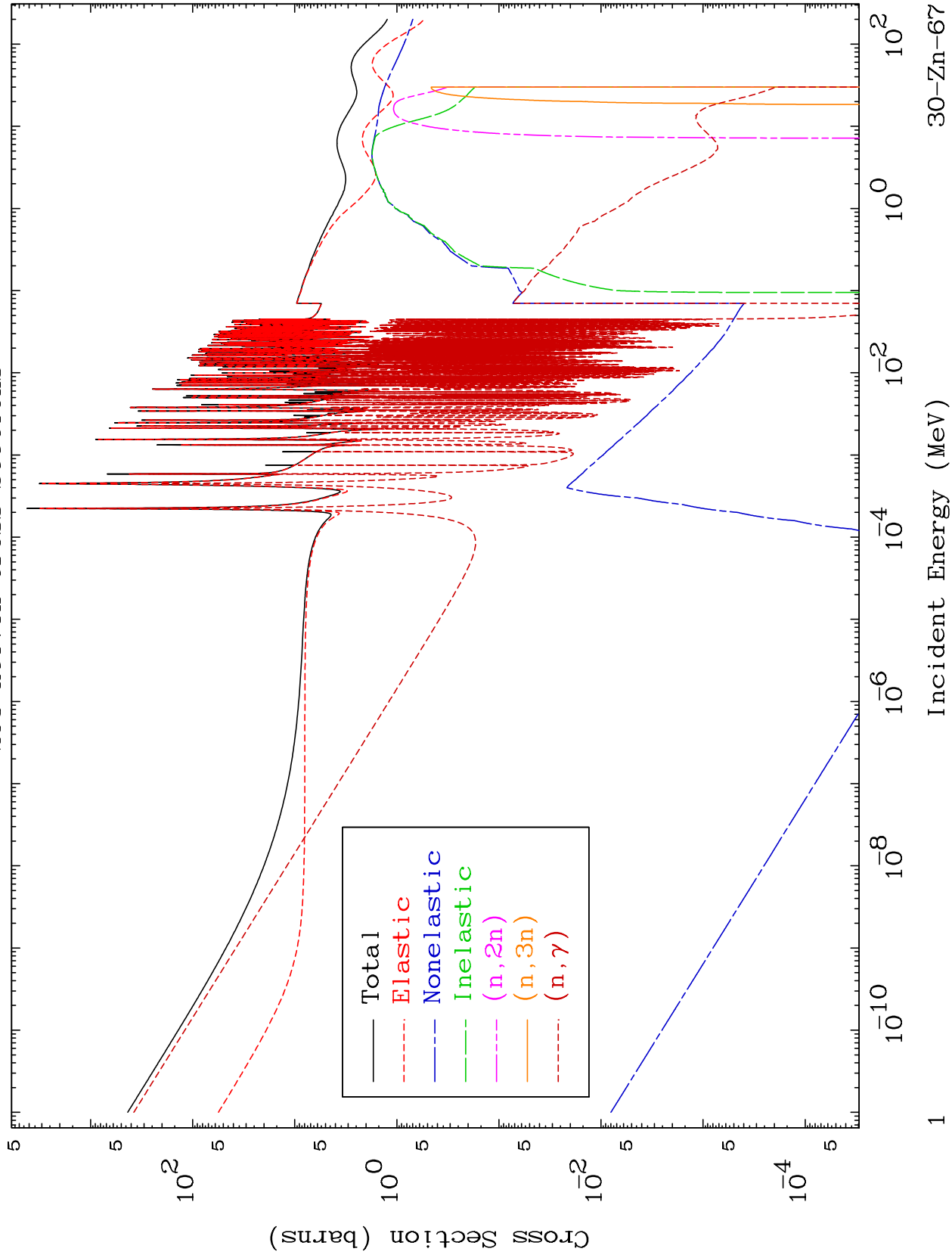
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3034

Neutron Major
293 Kelvin Cross Sections

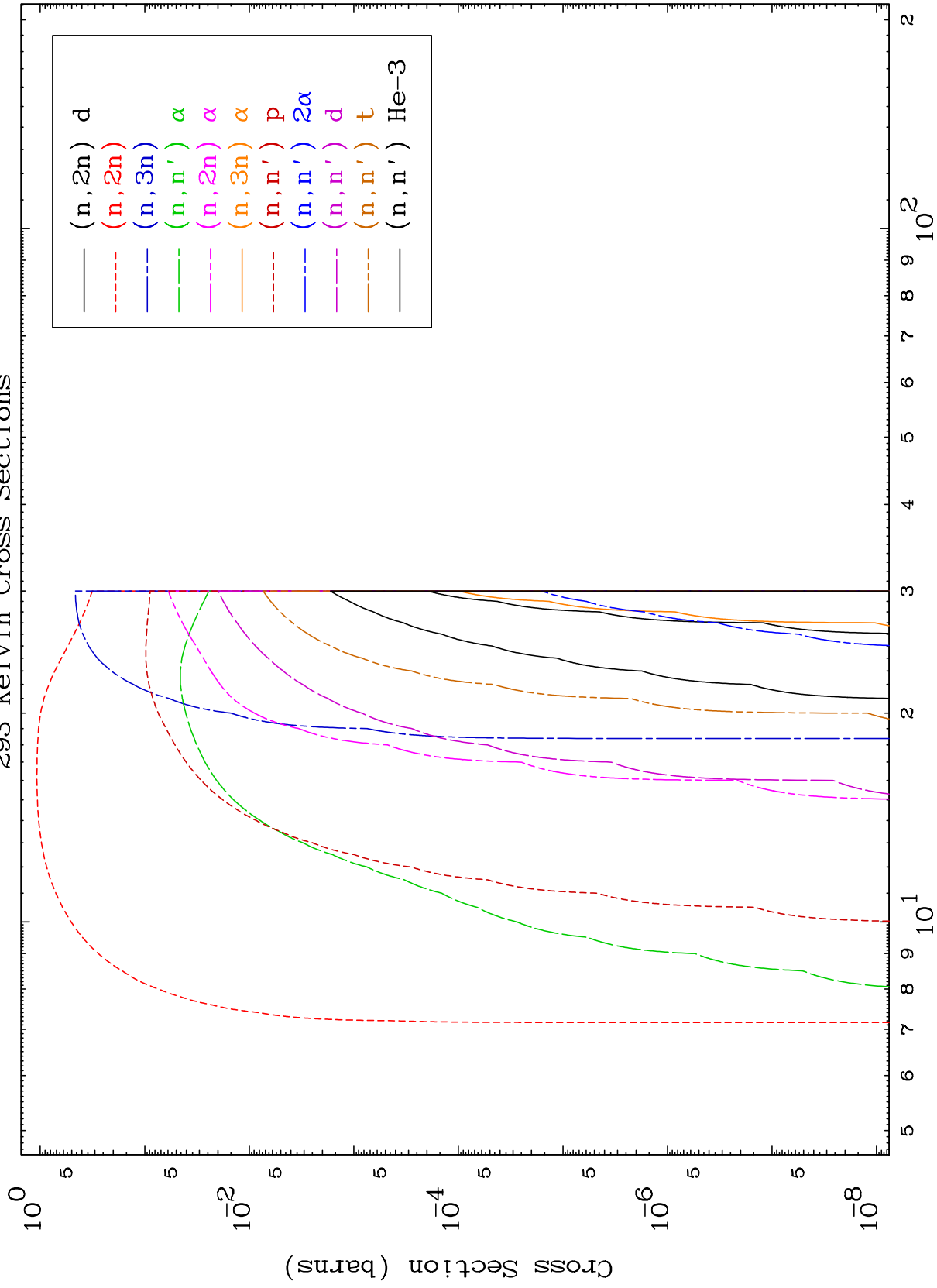
30-Zn-67



MAT 3034

Neutron Absorption
293 Kelvin Cross Sections

30-Zn-67



2

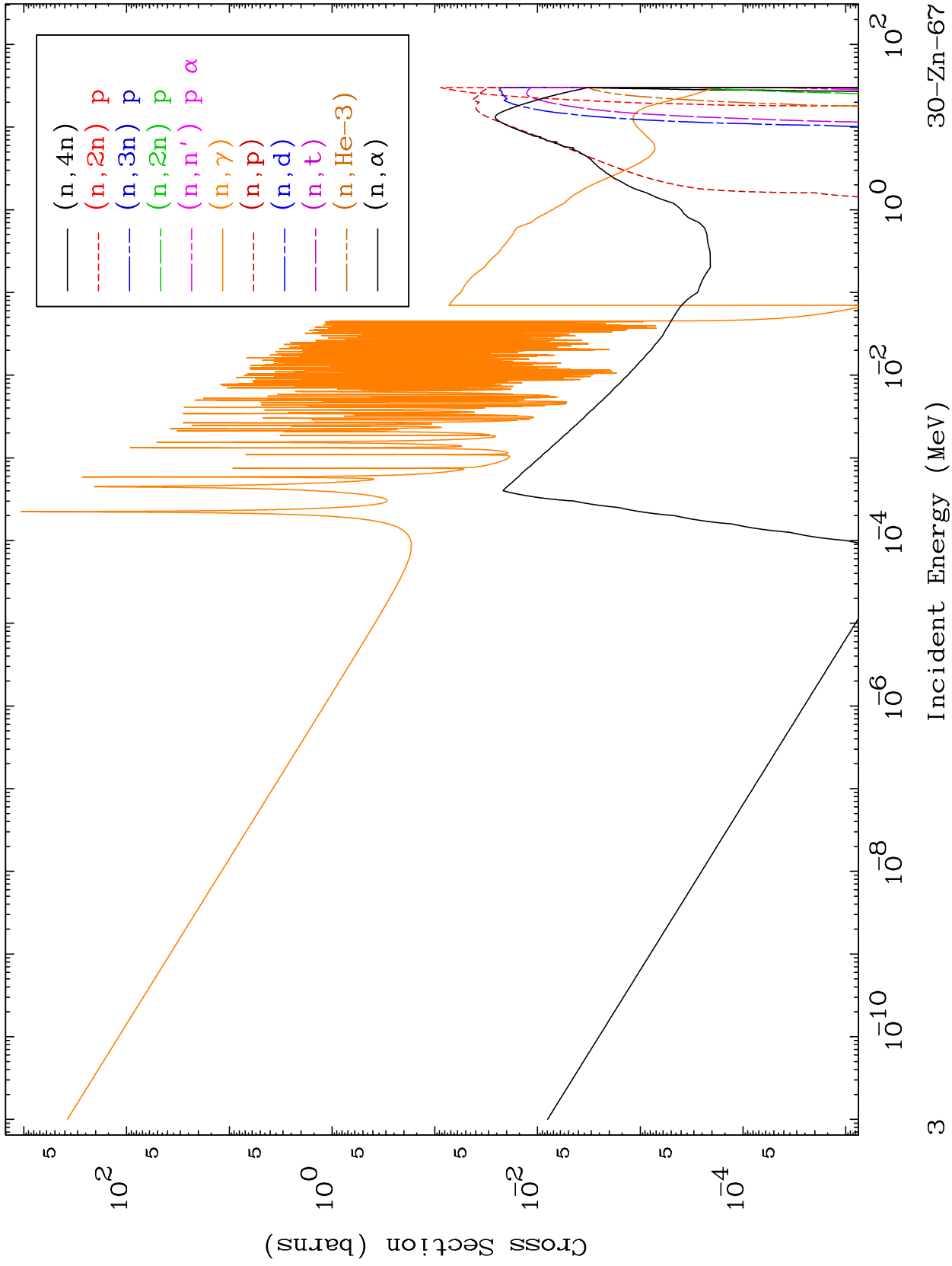
Incident Energy (MeV)

30-Zn-67

MAT 3034

Neutron Absorption
293 Kelvin Cross Sections

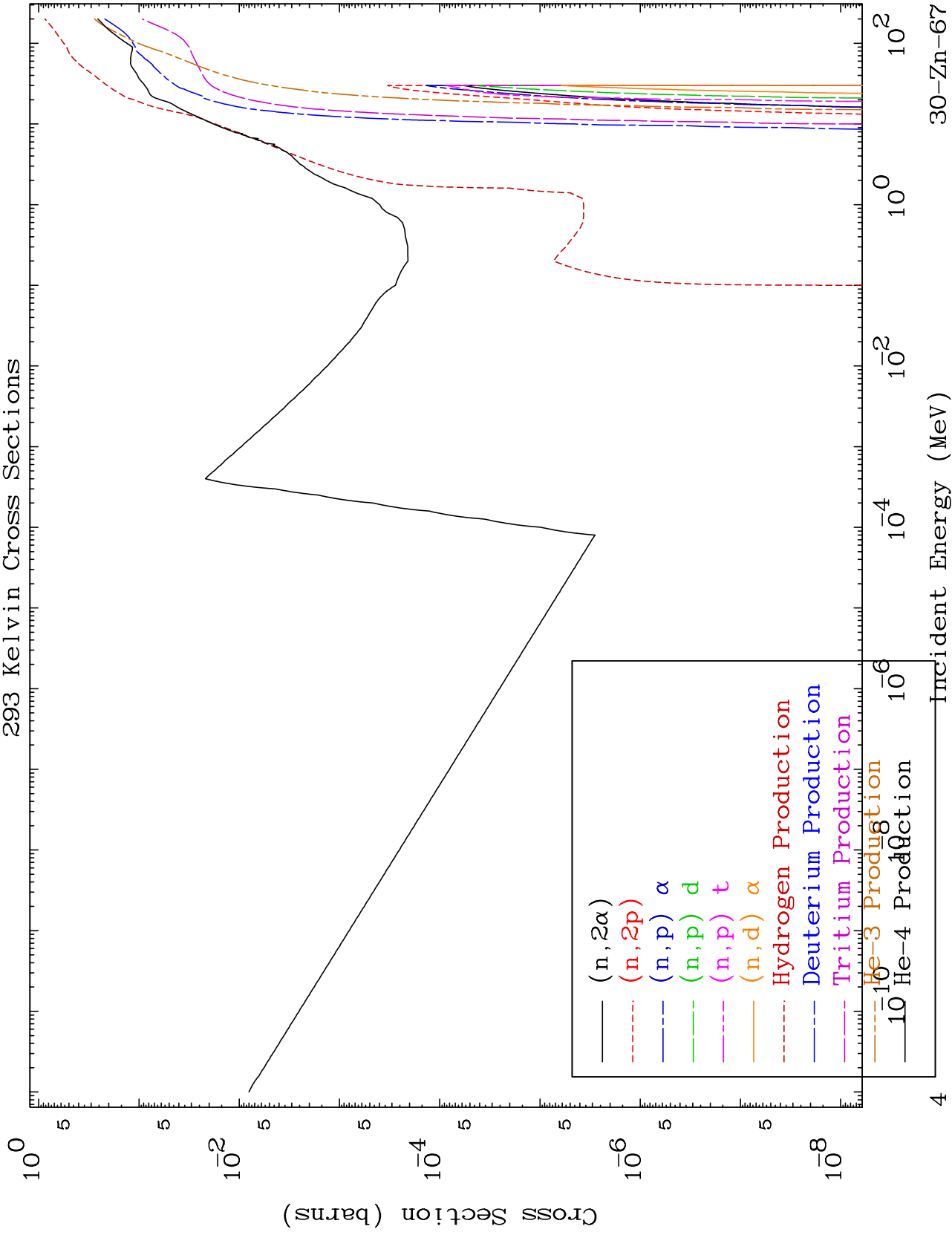
30-Zn-67



MAT 3034

Neutron Absorption
293 Kelvin Cross Sections

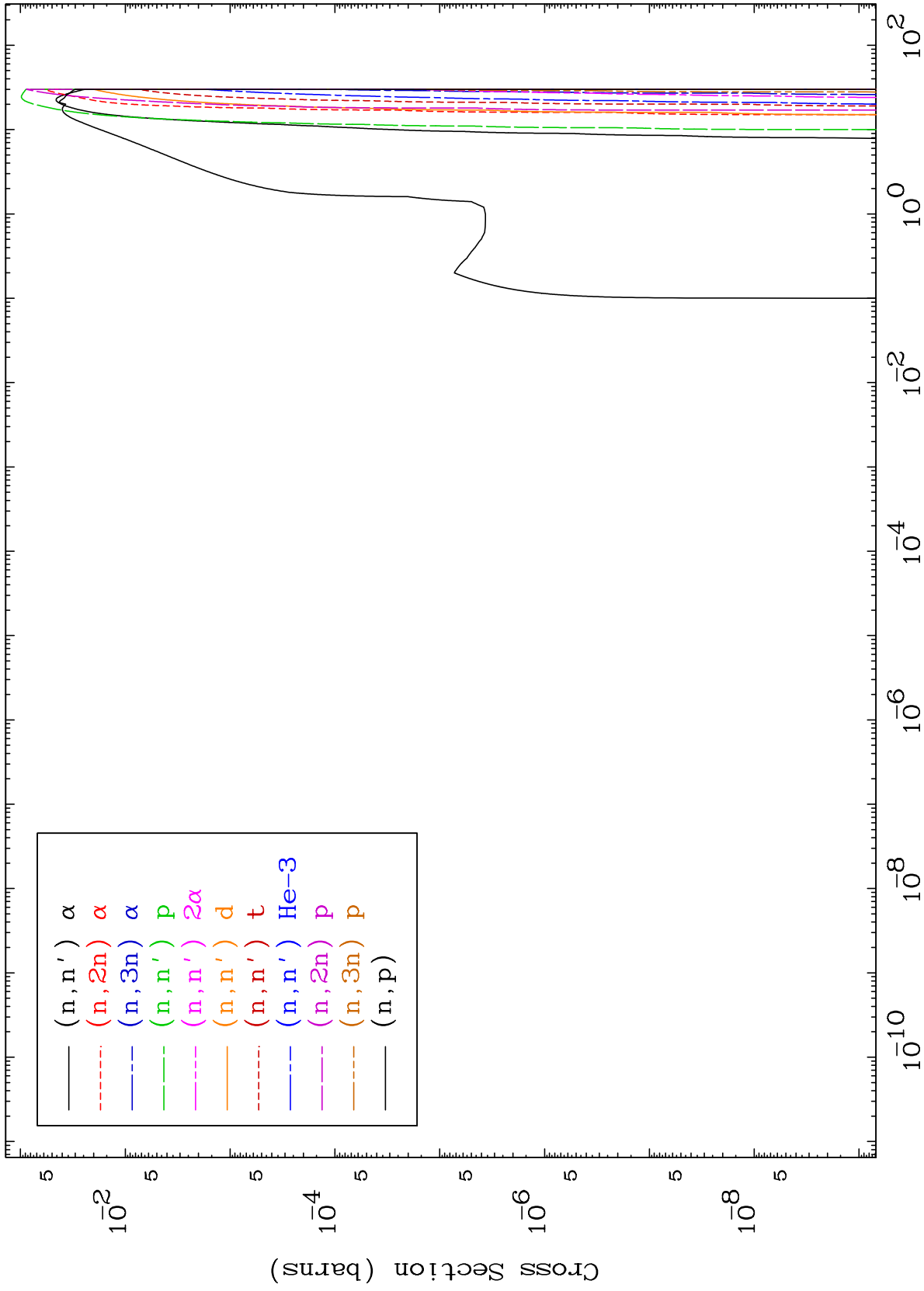
30-Zn-67



MAT 3034

Charged Particle
293 Kelvin Cross Sections

30-Zn-67



5

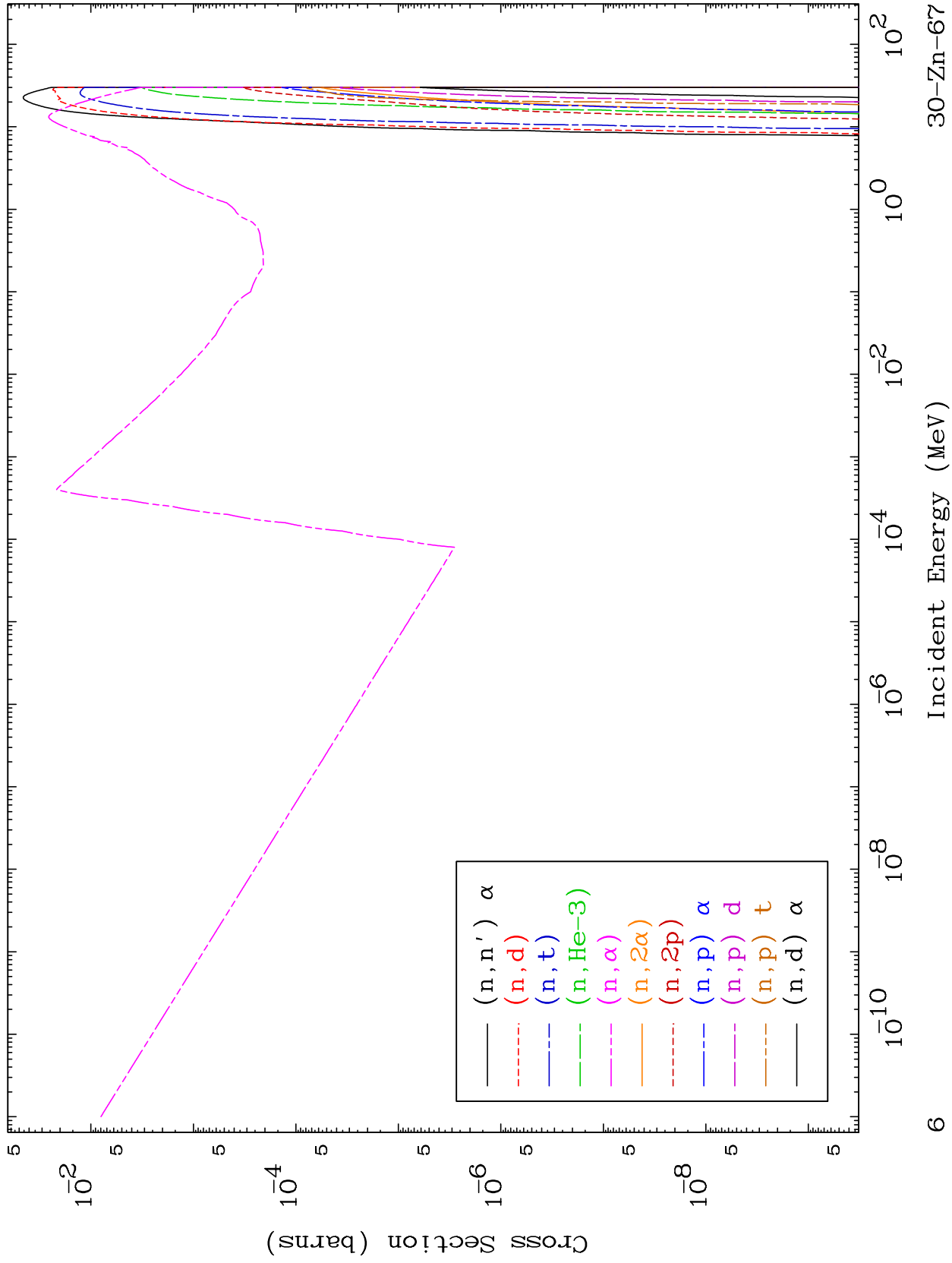
Incident Energy (MeV)

30-Zn-67

MAT 3034

Charged Particle
293 Kelvin Cross Sections

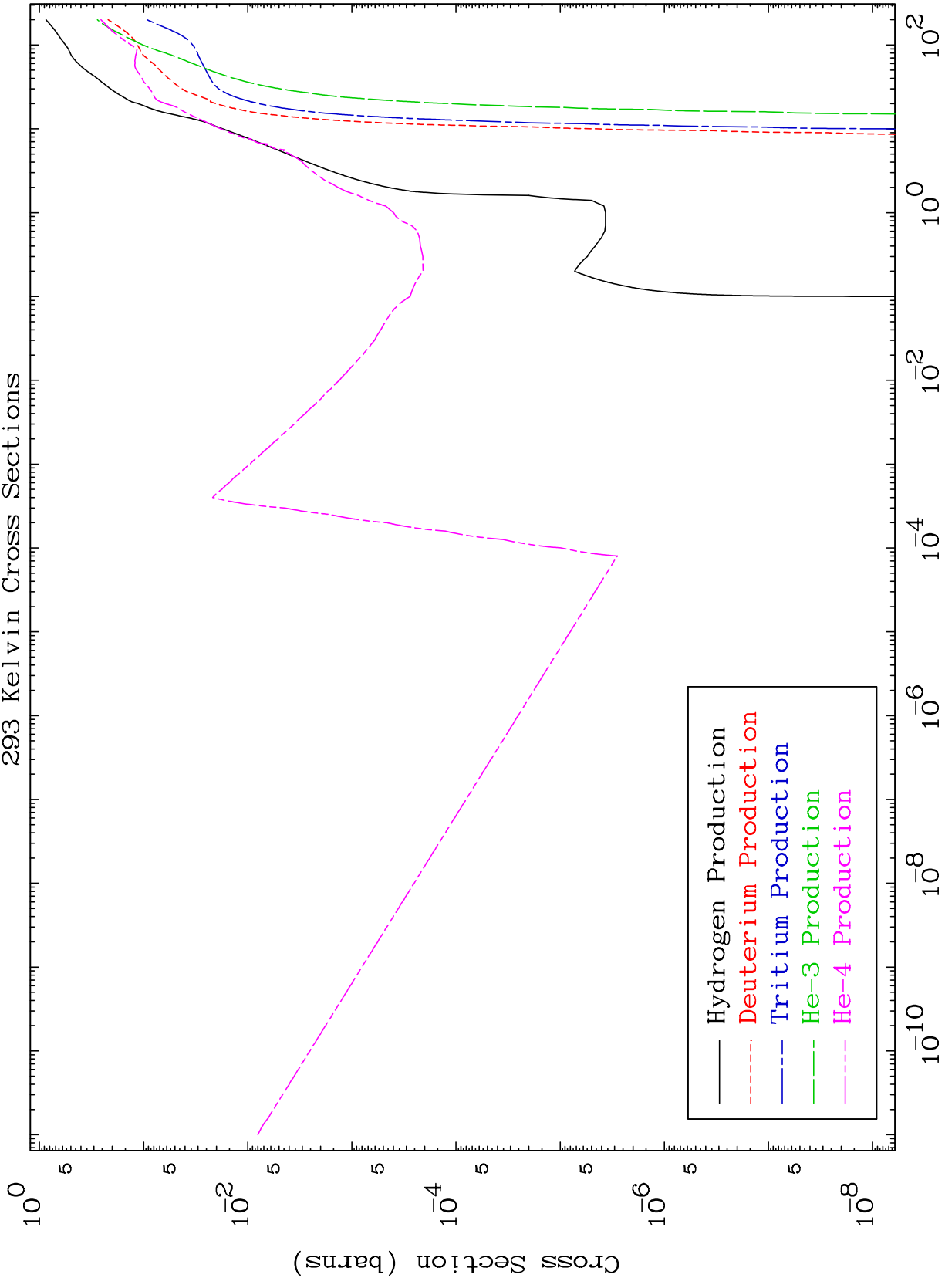
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MAT 3034

Particle Production
293 Kelvin Cross Sections

30-Zn-67

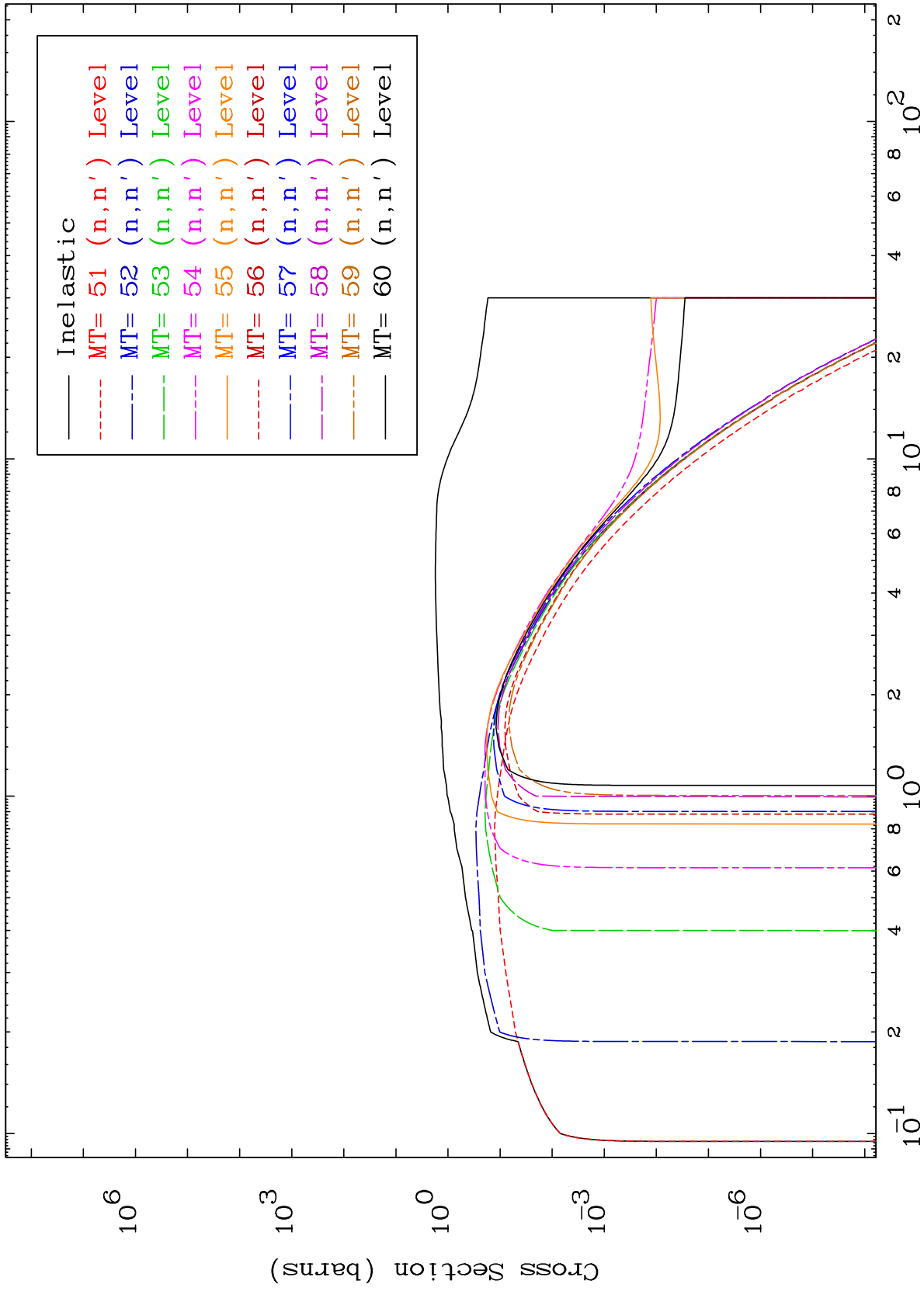


30-Zn-67

MAT 3034

(n,n') Levels
293 Kelvin Cross Sections

30-Zn-67



8

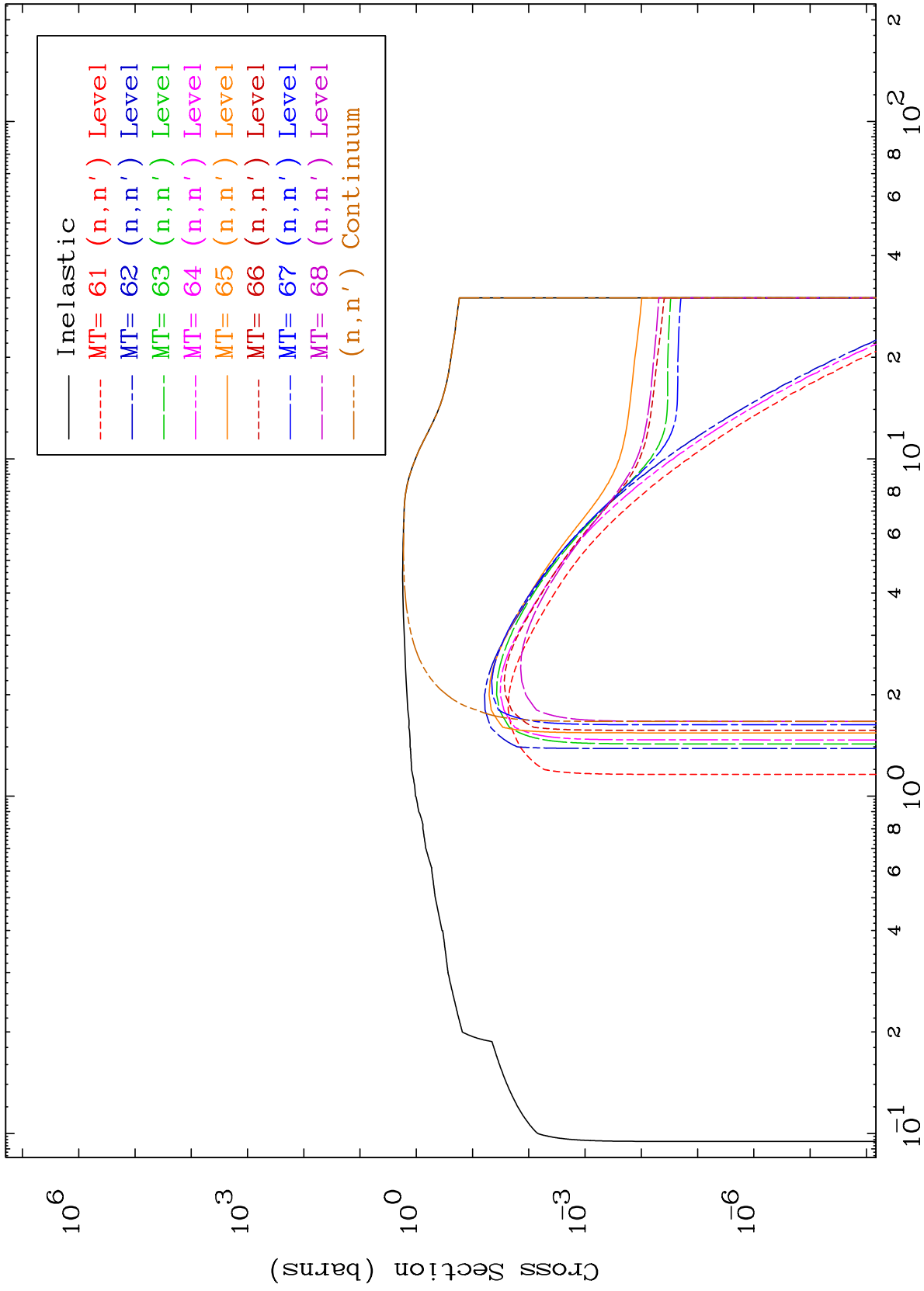
Incident Energy (MeV)

30-Zn-67

MAT 3034

(n,n') Levels
293 Kelvin Cross Sections

30-Zn-67



Incident Energy (MeV)

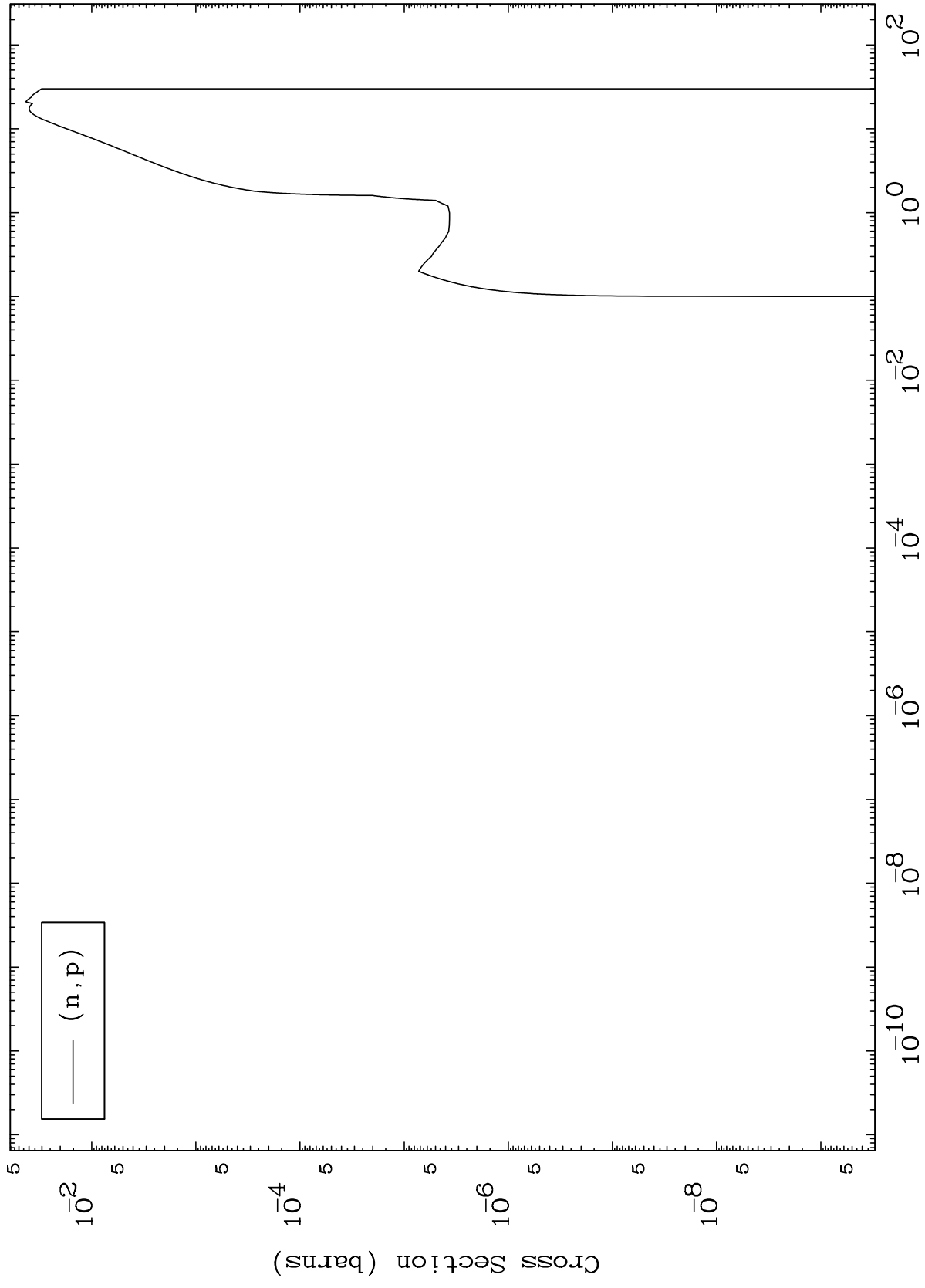
30-Zn-67

9

MAT 3034

(n,p) Levels
293 Kelvin Cross Sections

30-Zn-67



10

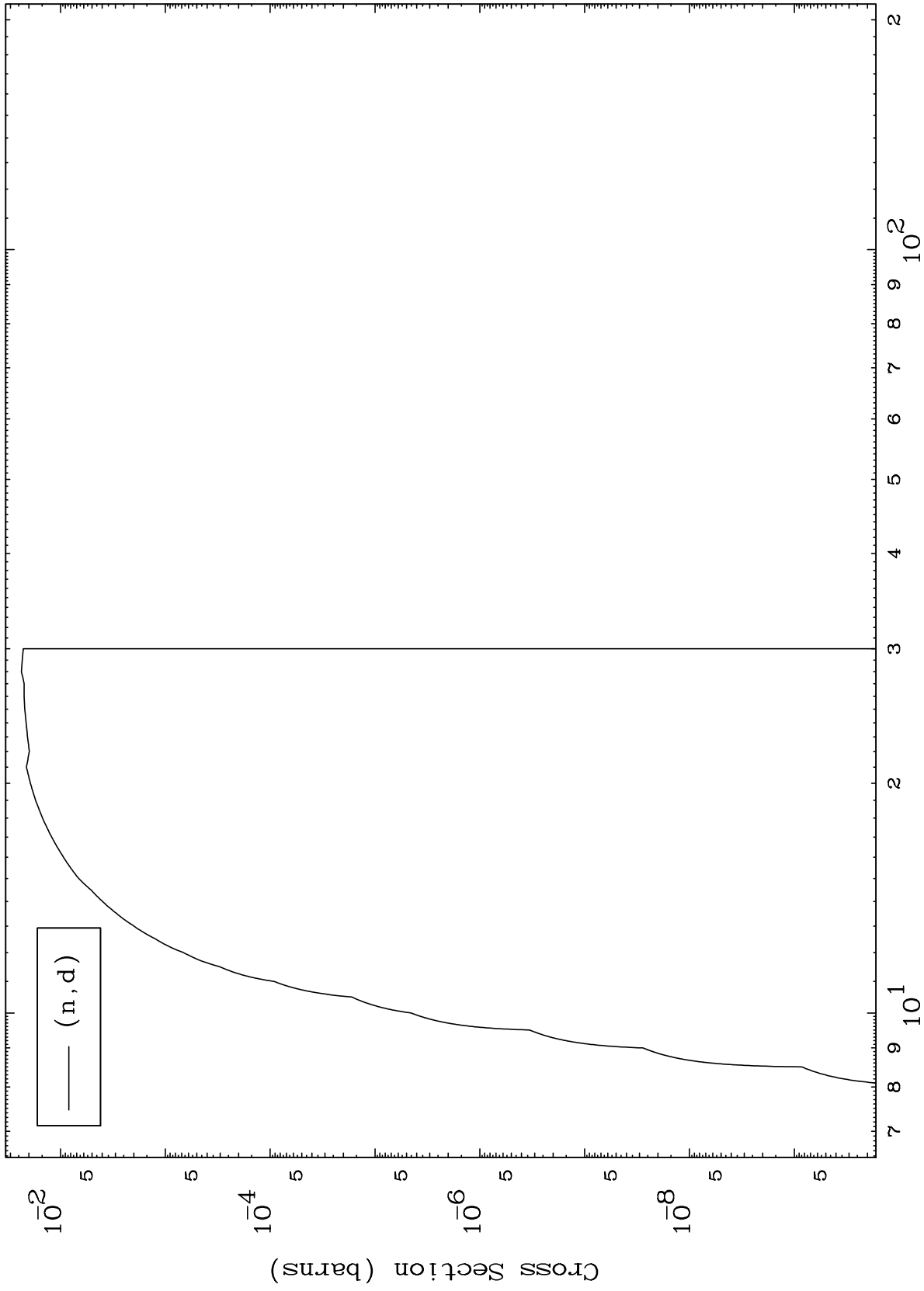
Incident Energy (MeV)

30-Zn-67

MAT 3034

(n,d) Levels
293 Kelvin Cross Sections

30-Zn-67



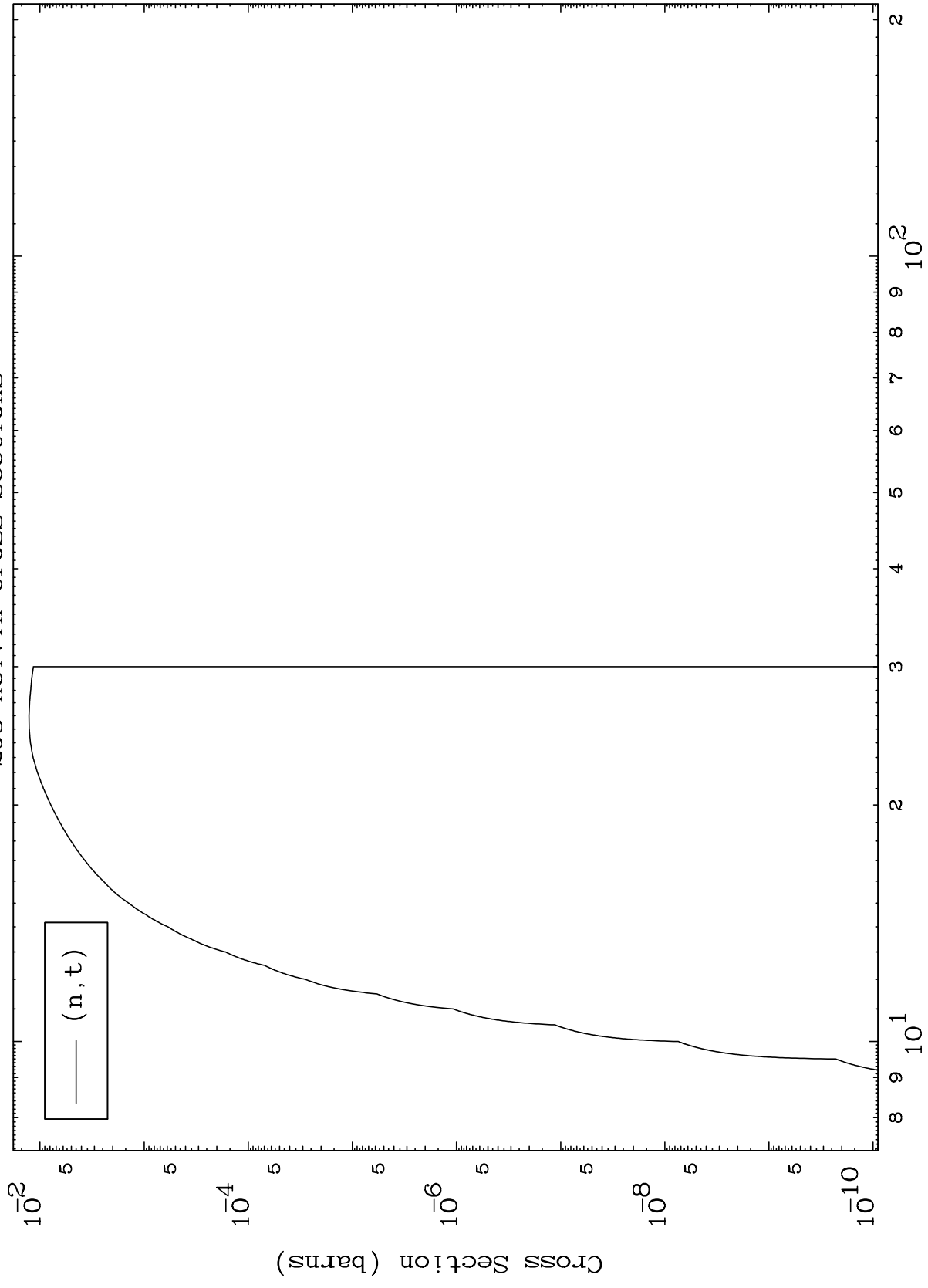
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30-Zn-67

MAT 3034

30-Zn-67

(n,t) Levels
293 Kelvin Cross Sections



12

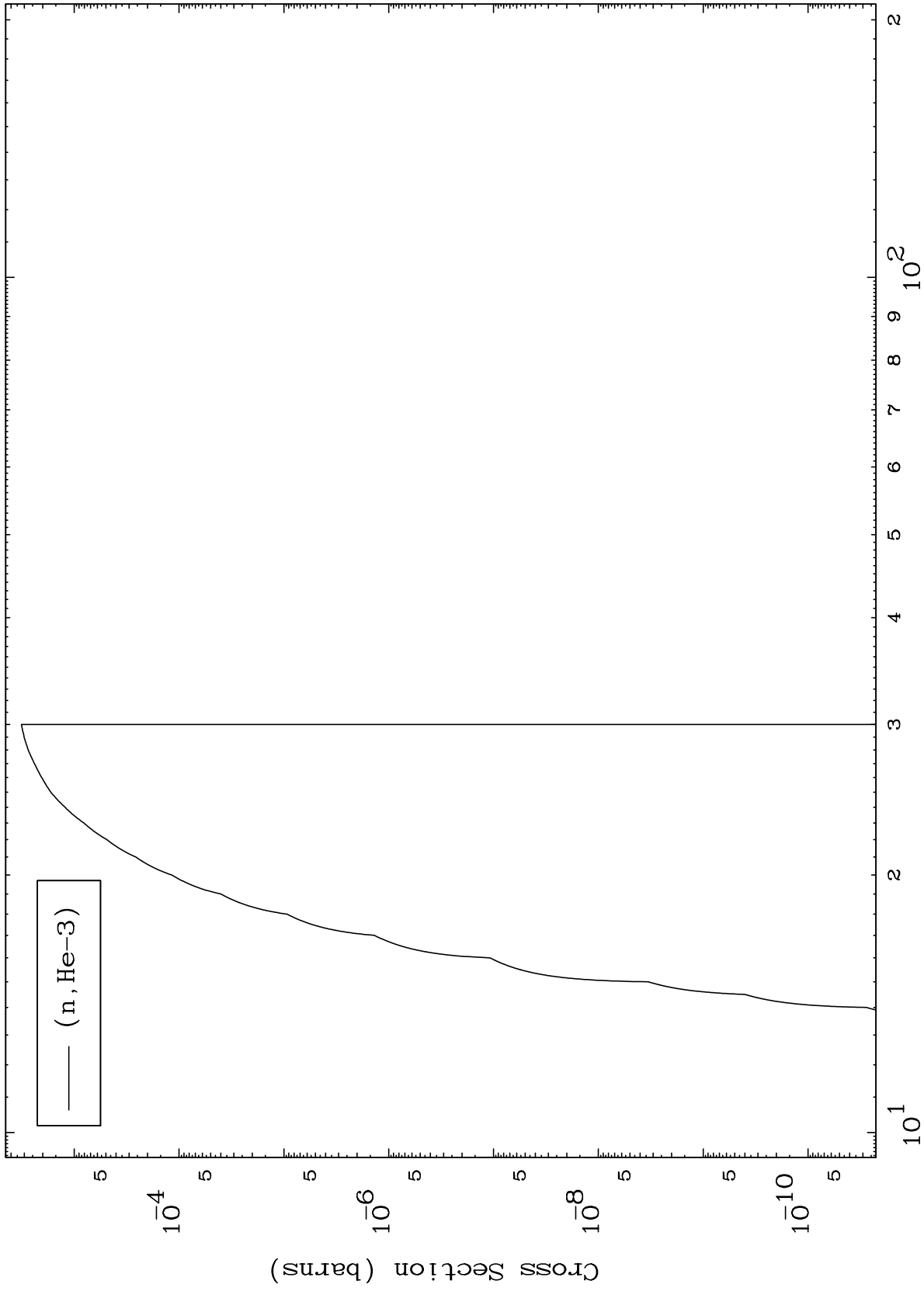
Incident Energy (MeV)

30-Zn-67

MAT 3034

(n,He3) Levels
293 Kelvin Cross Sections

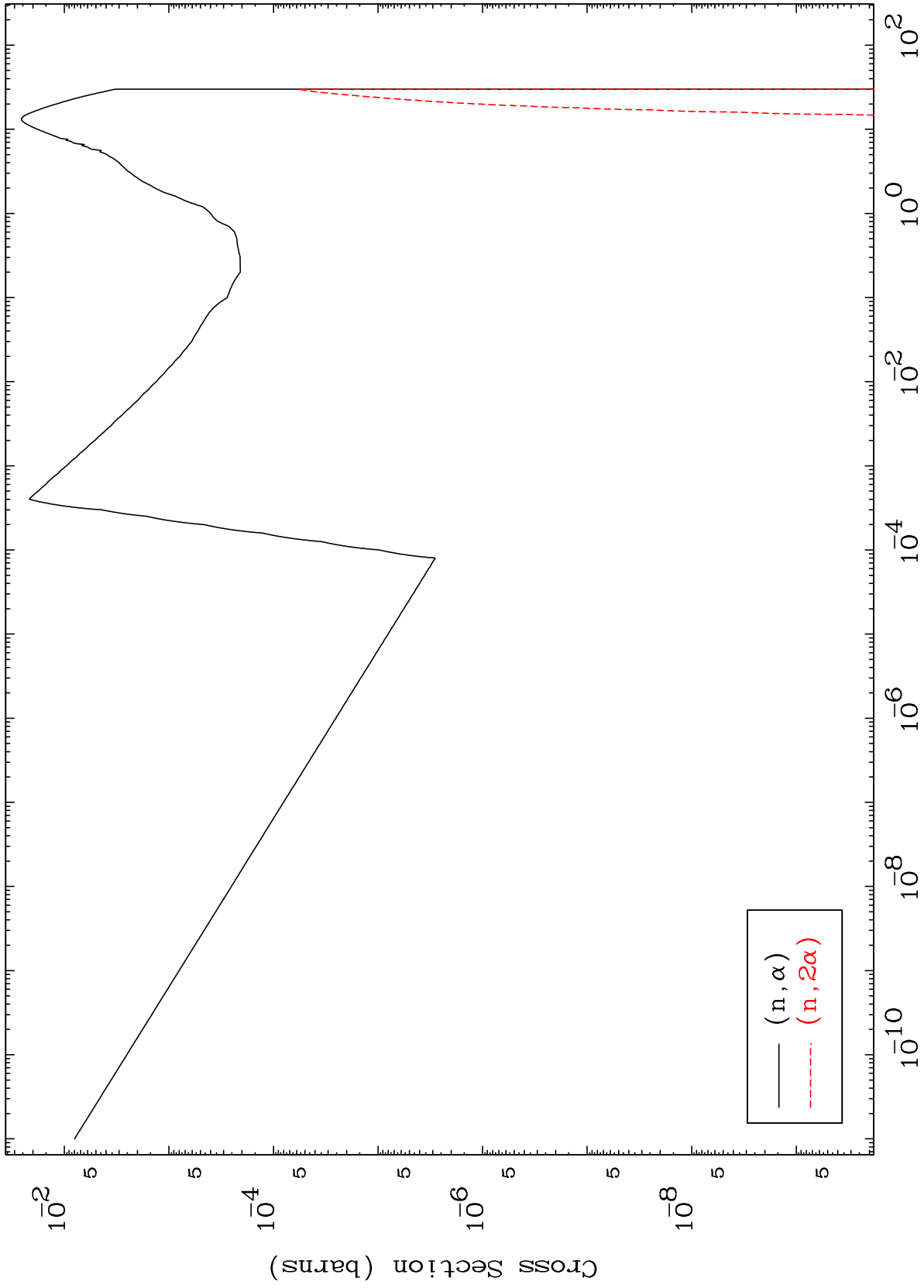
30-Zn-67



MAT 3034

(n,α) Levels
293 Kelvin Cross Sections

30-Zn-67



MAT 3034

Elastic Legendre Coefficients

30-Zn-67



0

10

20

30

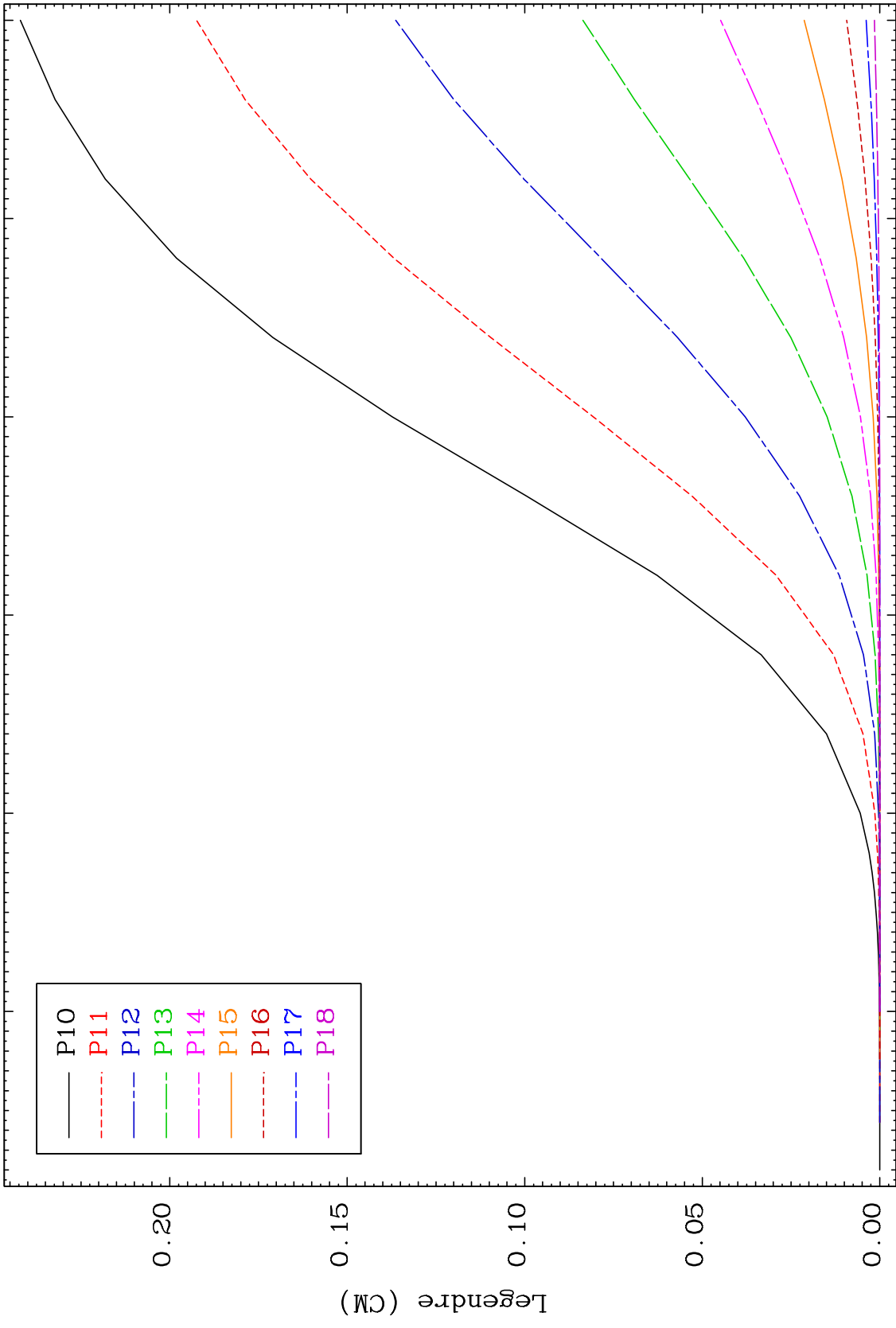
Incident Energy (MeV)

30-Zn-67

MAT 3034

Elastic Legendre Coefficients

30-Zn-67



16

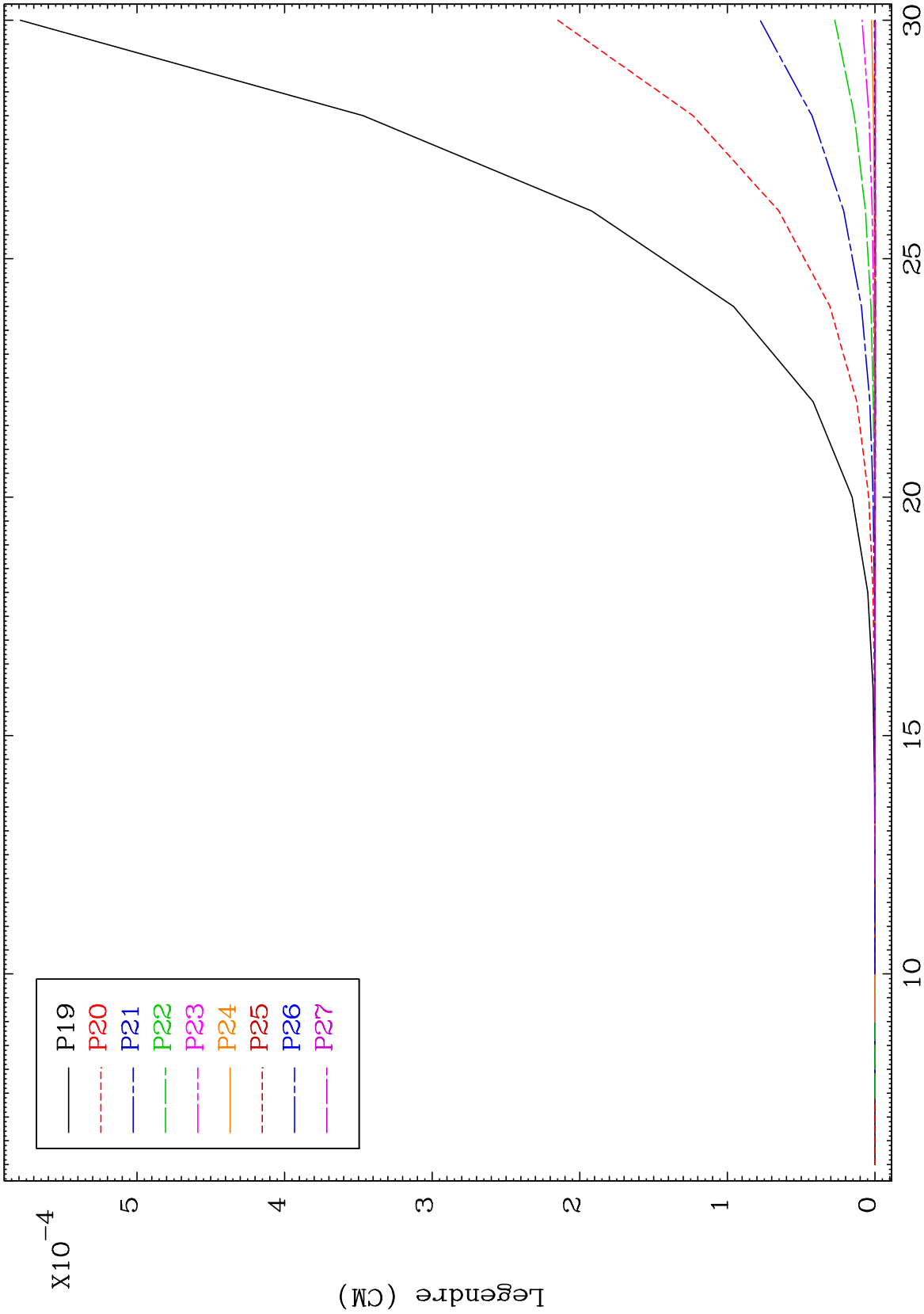
Incident Energy (MeV)

30-Zn-67

MAT 3034

Elastic Legendre Coefficients

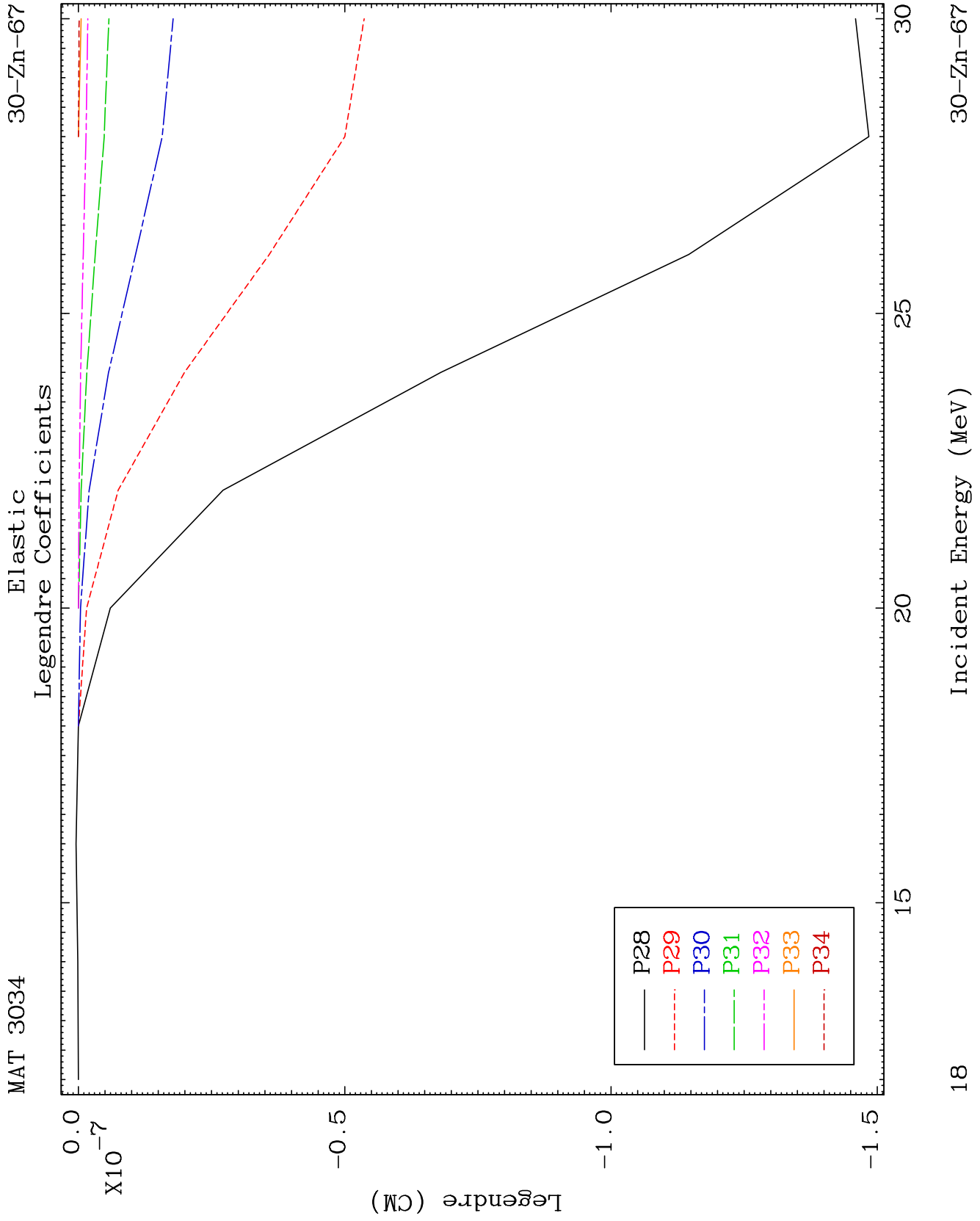
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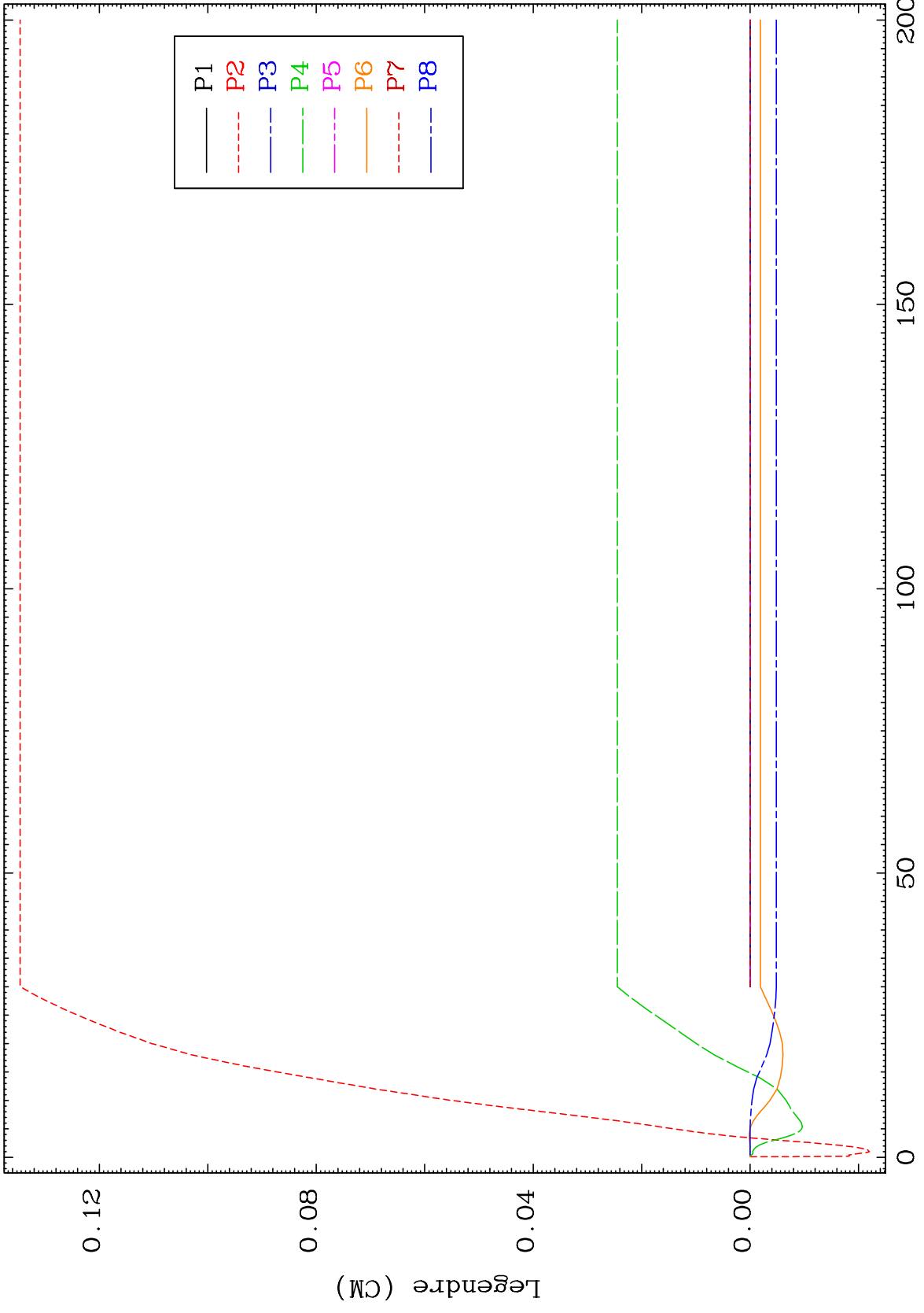
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Incident Energy (MeV)

30-Zn-67

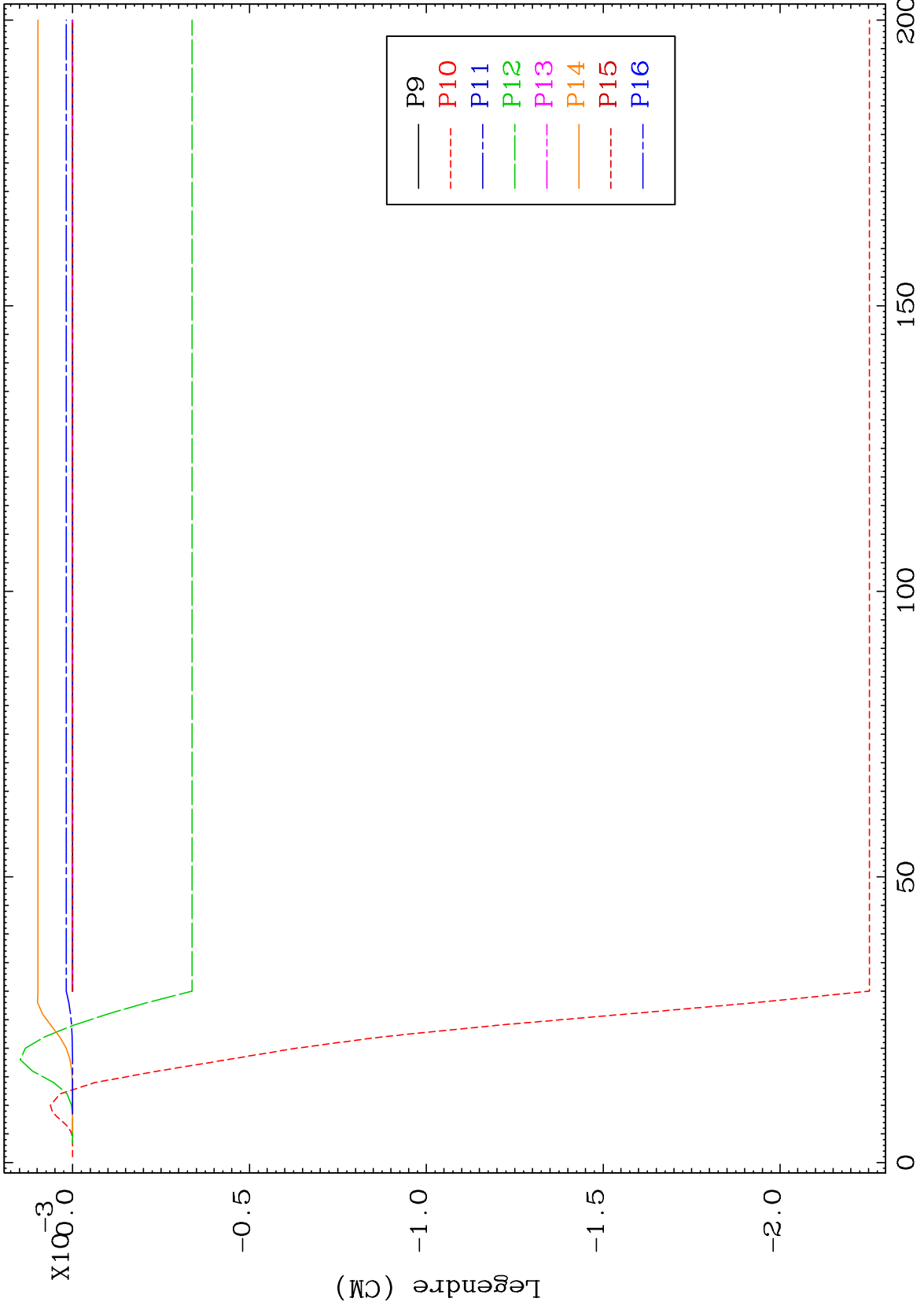


MAT 3034 MT= 51 (n,n') Level Legendre Coefficients 30-Zn-67



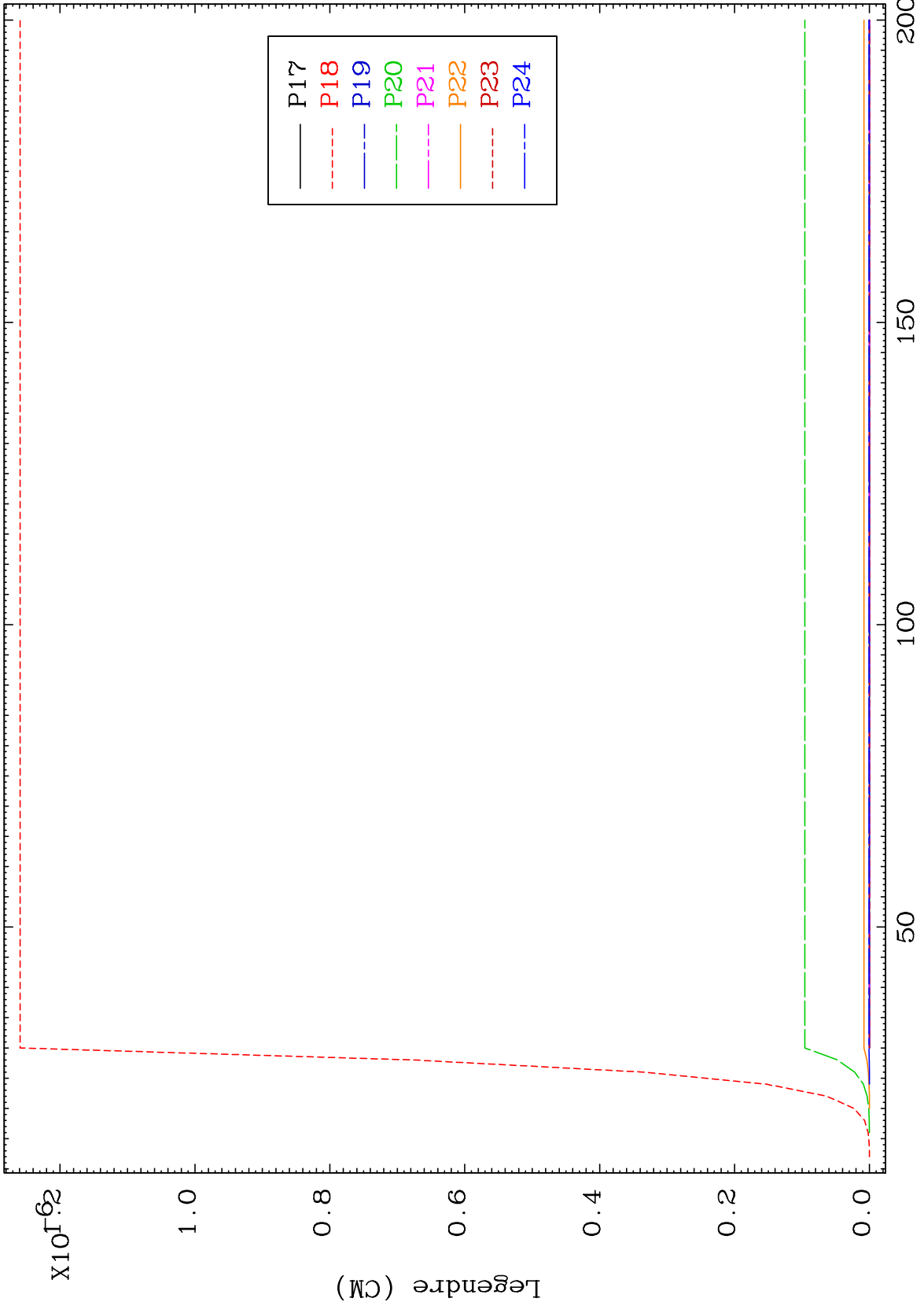
19 30-Zn-67

MAT 3034 MT= 51 (n,n') Level Legendre Coefficients 30-Zn-67



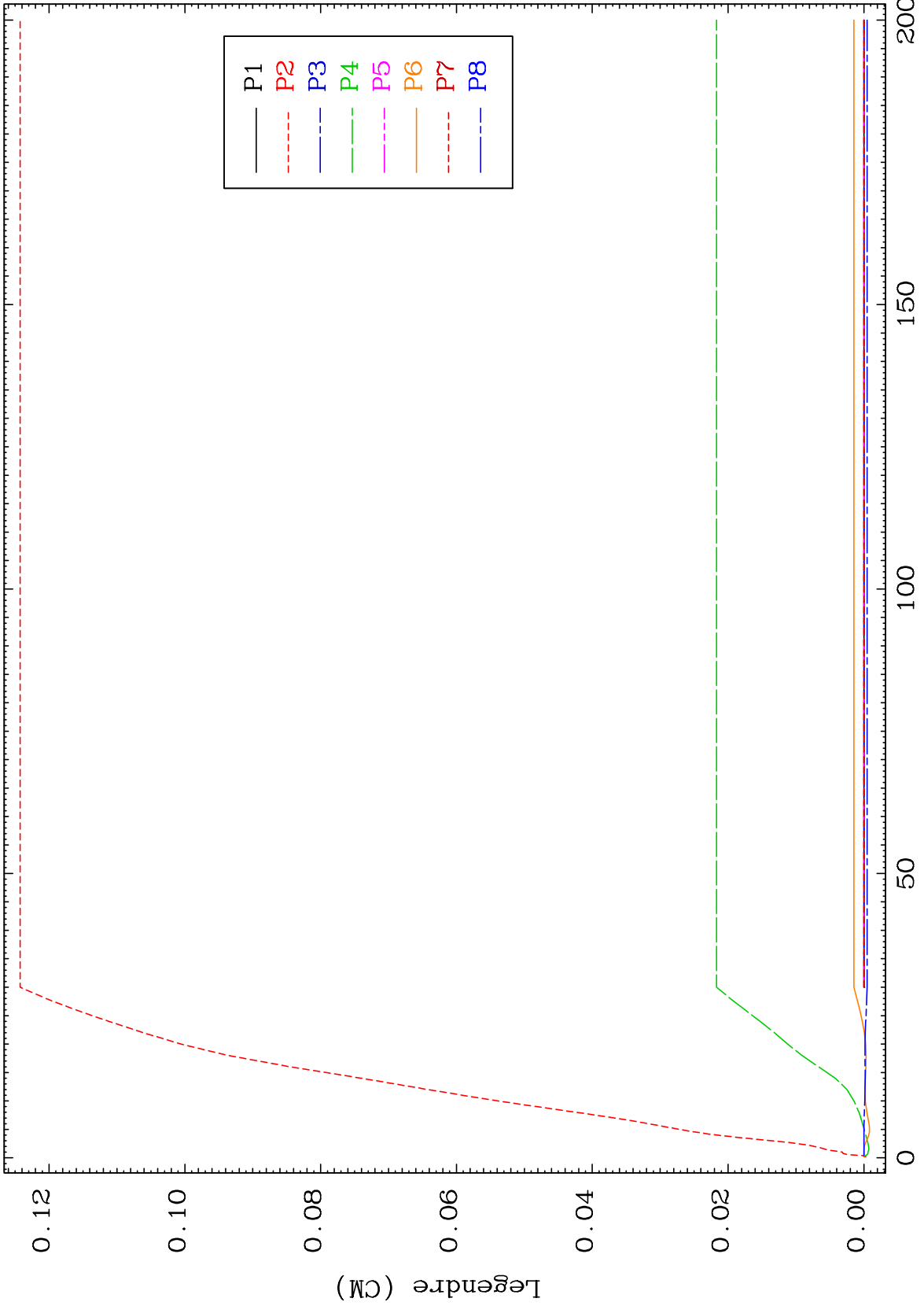
30-Zn-67

MAT 3034 MT= 51 (n,n') Level Legendre Coefficients 30-Zn-67



21 30-Zn-67

MAT 3034 MT= 52 (n,n') Level Legendre Coefficients 30-Zn-67

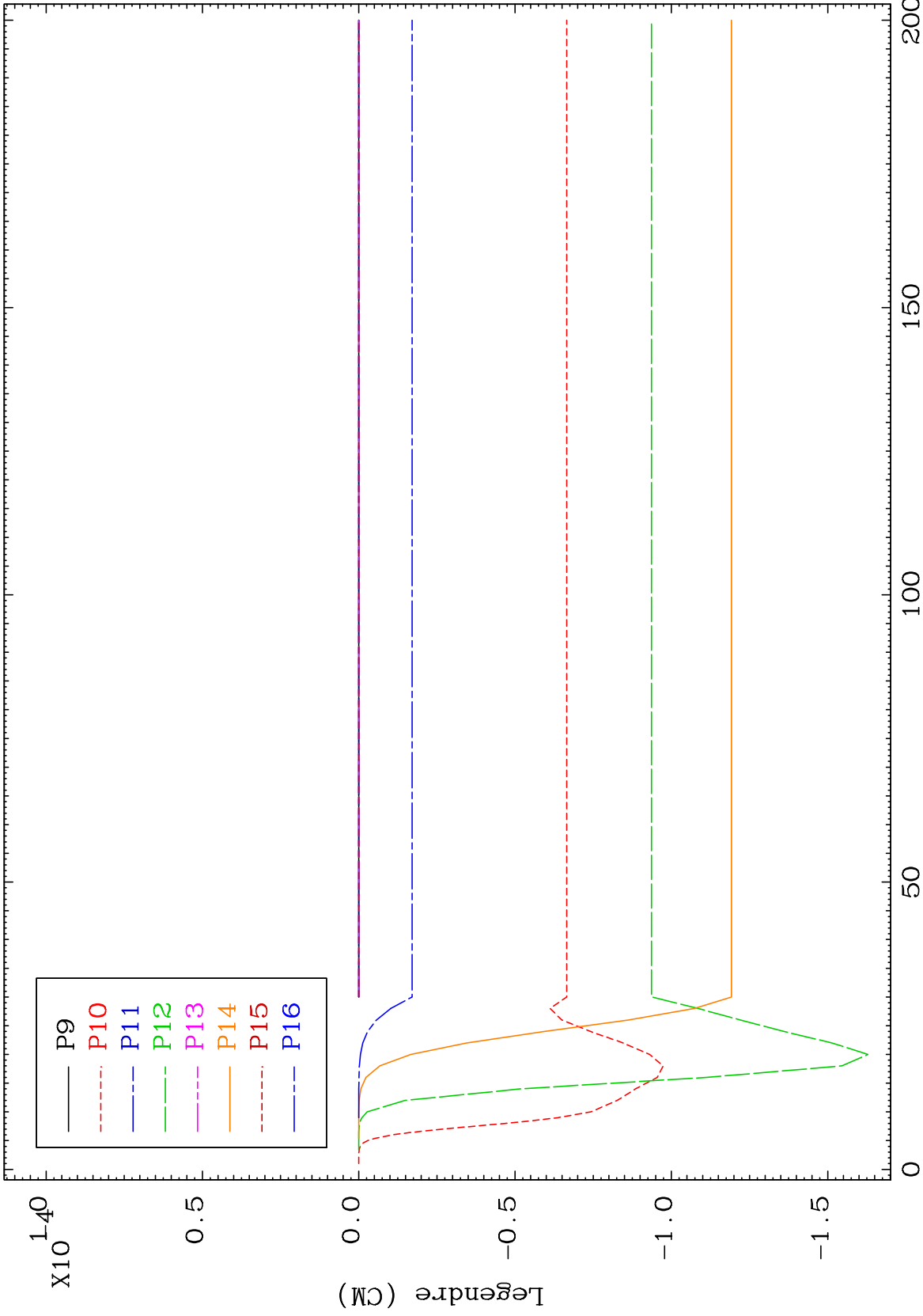


Legendre (CM) Incident Energy (MeV) 30-Zn-67

MAT 3034

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

30-Zn-67

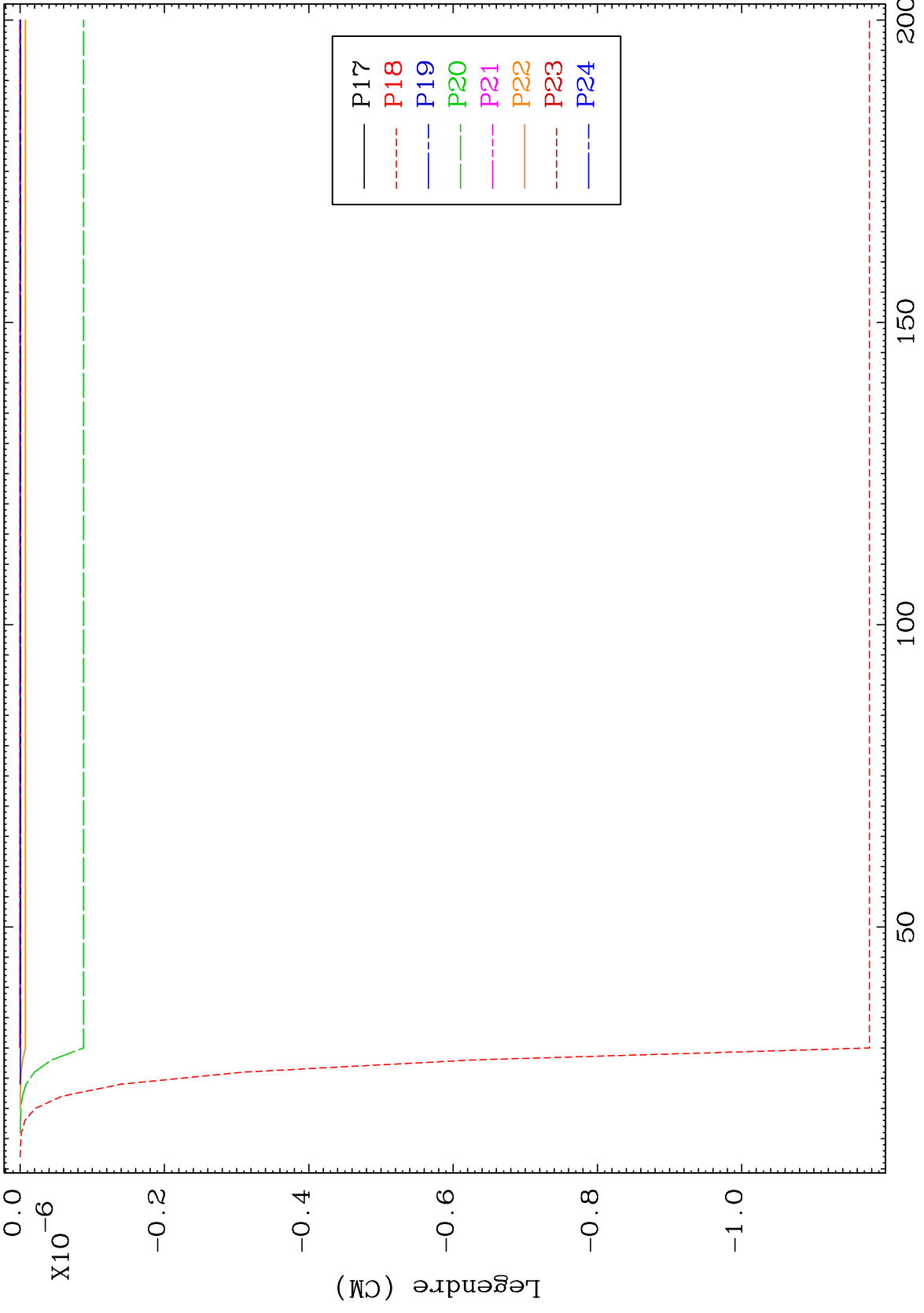


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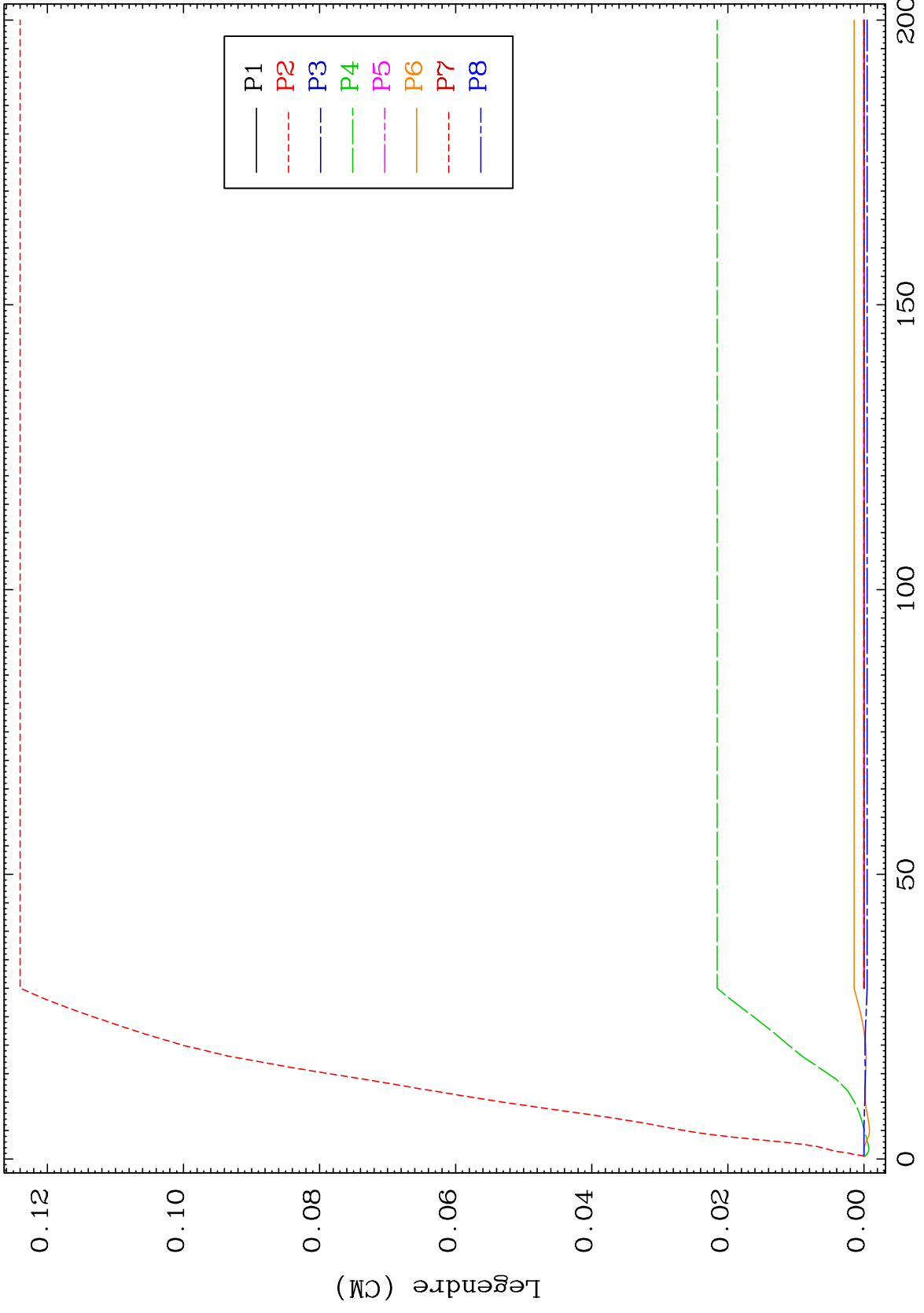
Incident Energy (MeV)

30-Zn-67

MAT 3034 MT= 52 (n,n') Level Legendre Coefficients 30-Zn-67



MAT 3034 MT= 53 (n,n') Level Legendre Coefficients 30-Zn-67

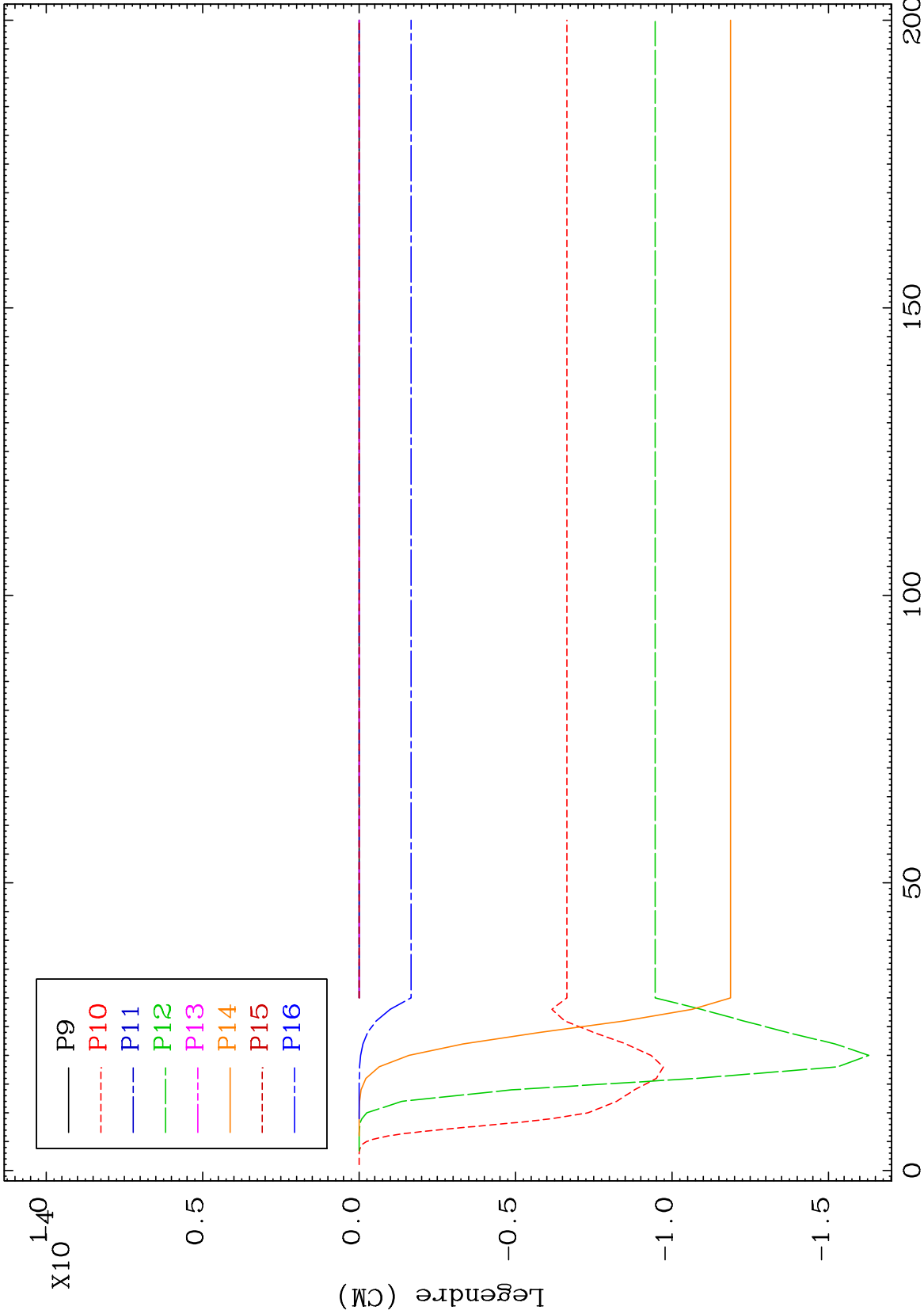


Legendre (CM) Incident Energy (MeV) 30-Zn-67

MAT 3034

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

30-Zn-67

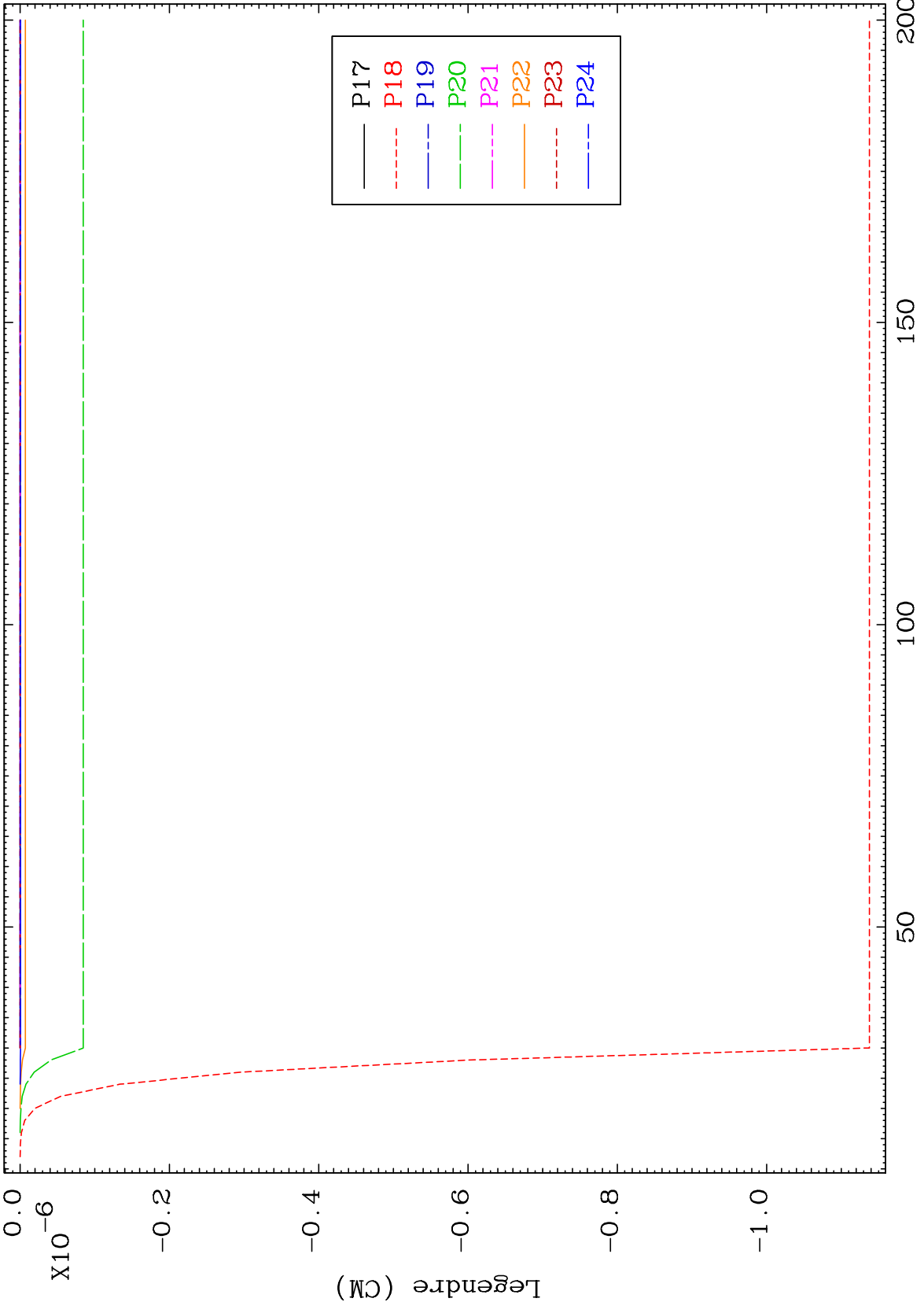


26

Incident Energy (MeV)

30-Zn-67

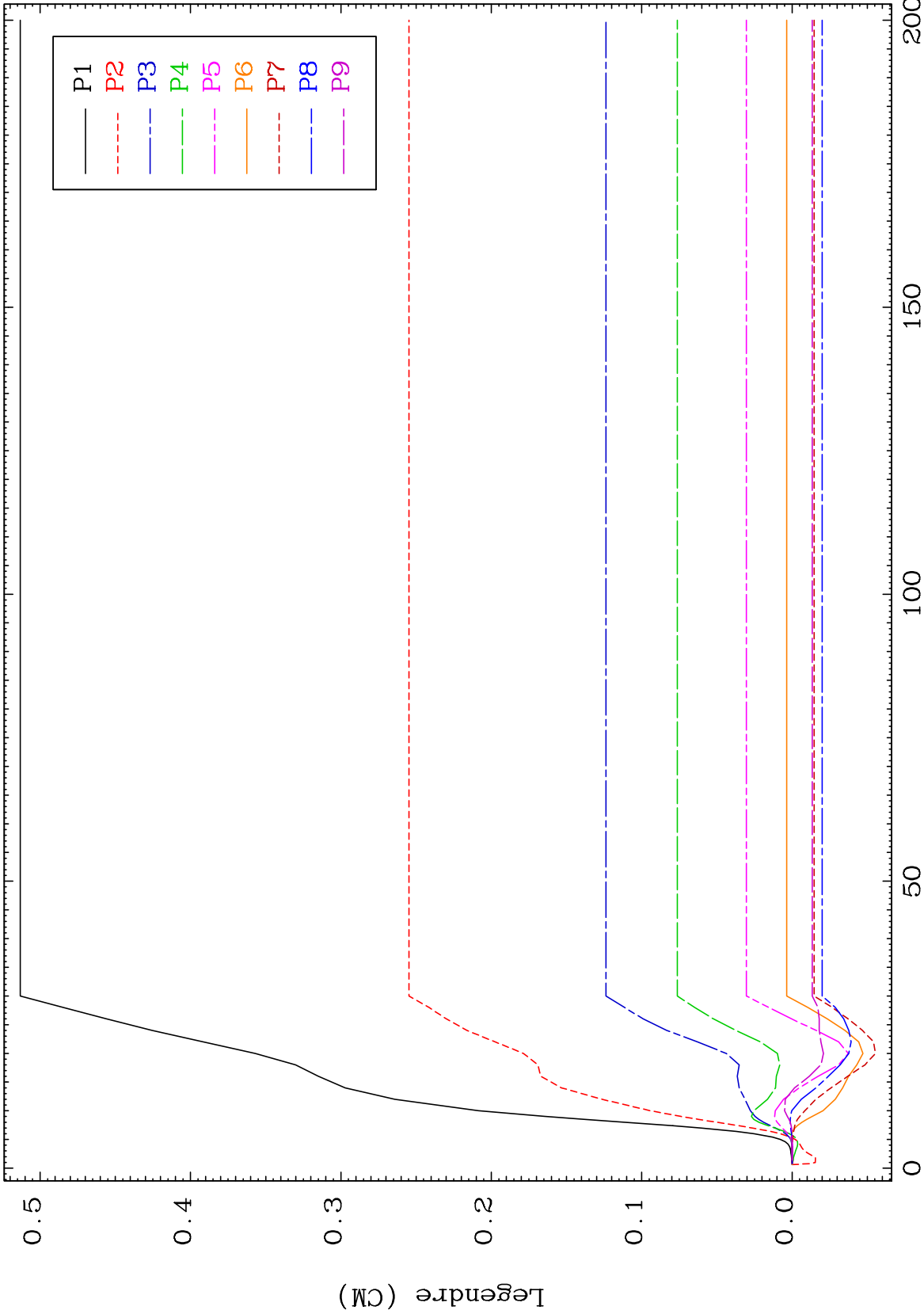
MAT 3034 MT= 53 (n,n') Level Legendre Coefficients 30-Zn-67



MAT 3034

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

30-Zn-67



28

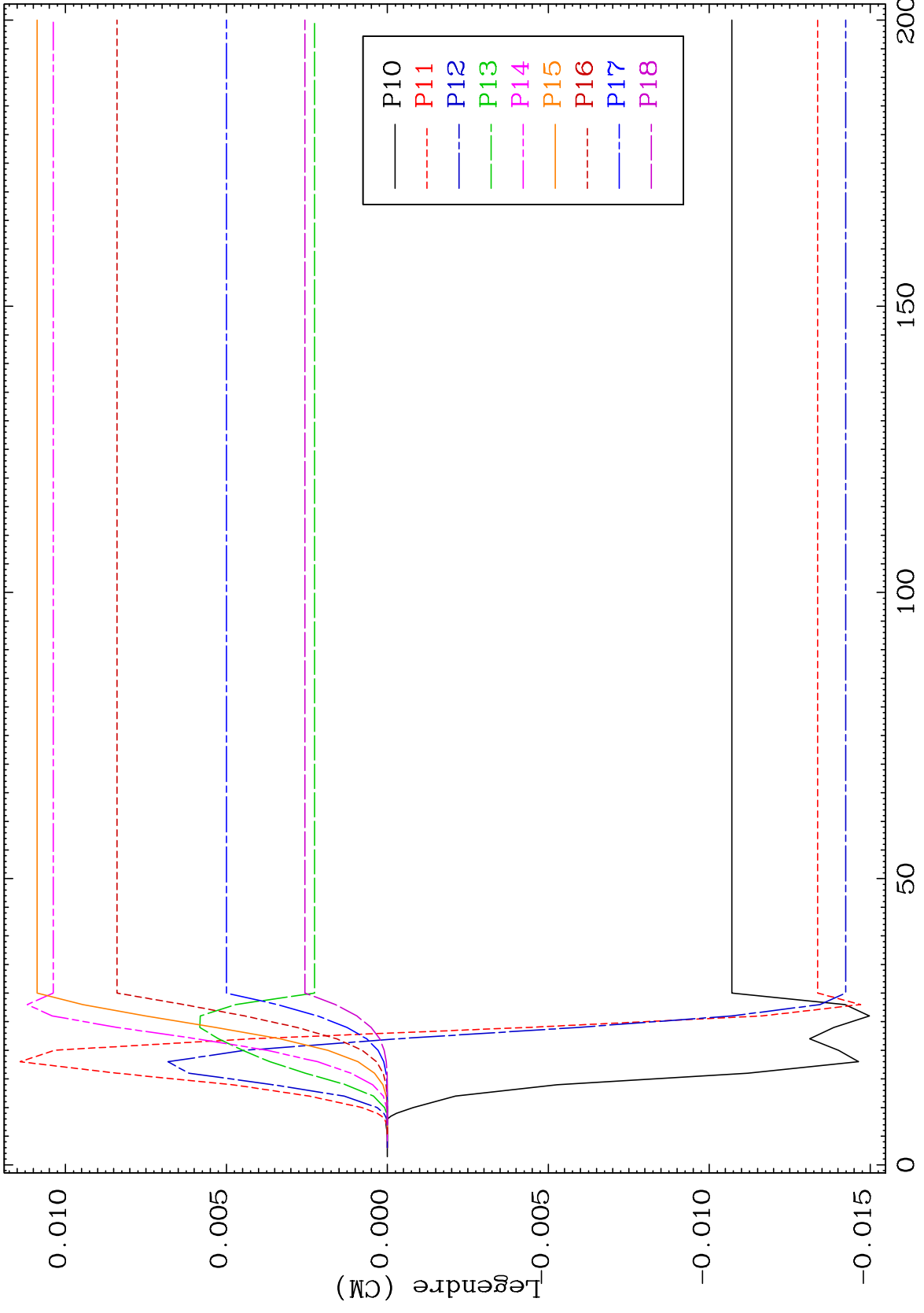
Incident Energy (MeV)

30-Zn-67

MAT 3034

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

30-Zn-67

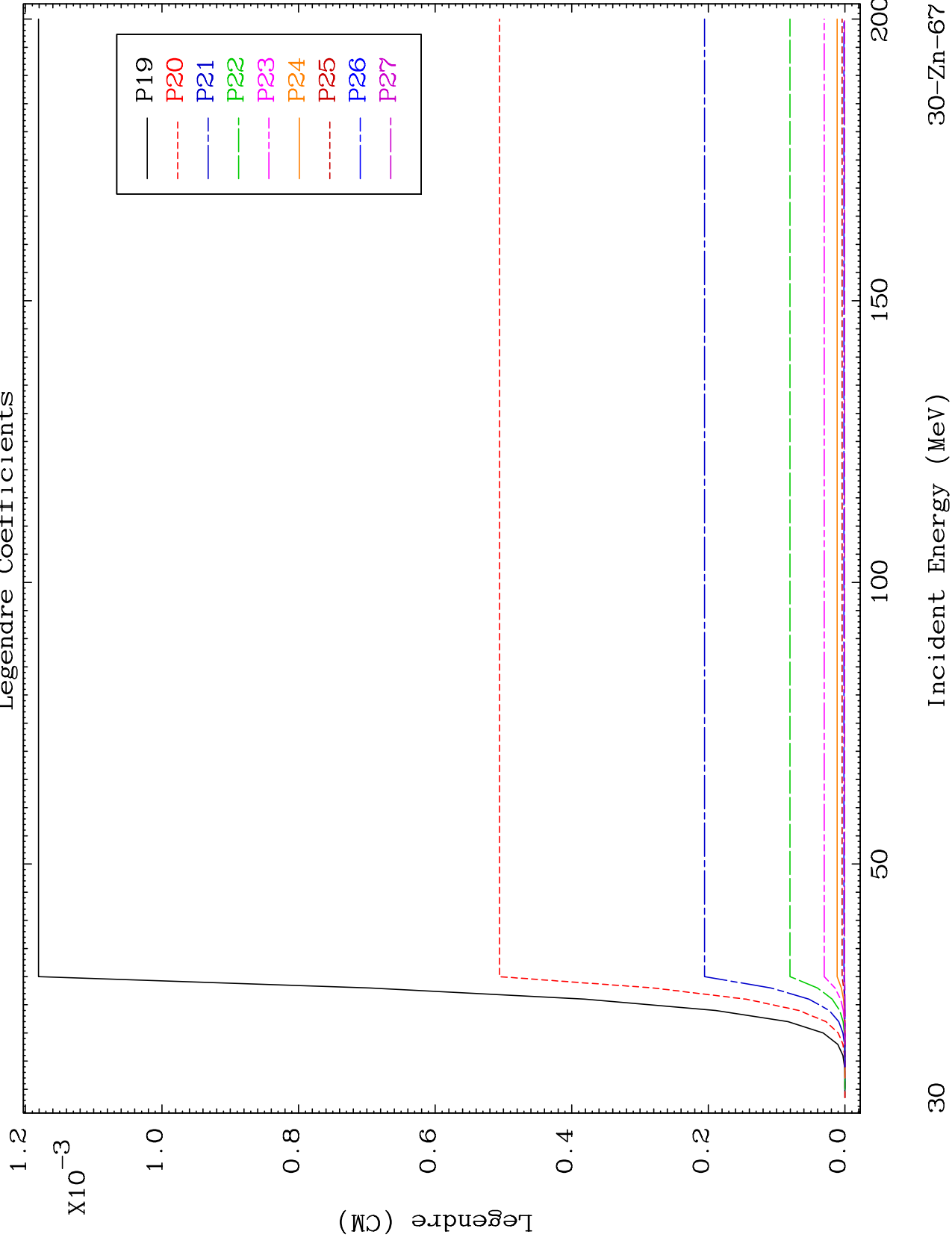


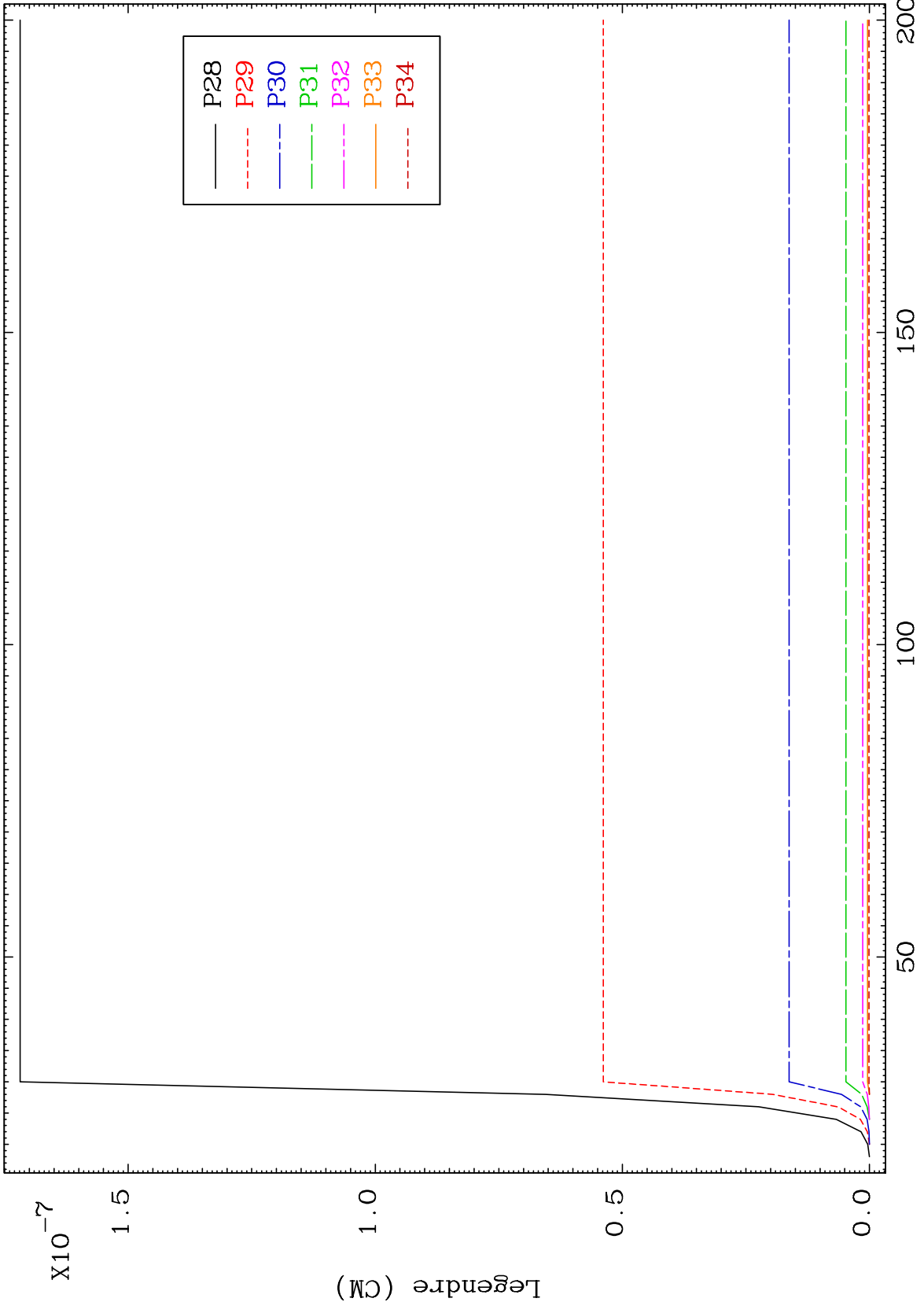
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Incident Energy (MeV)

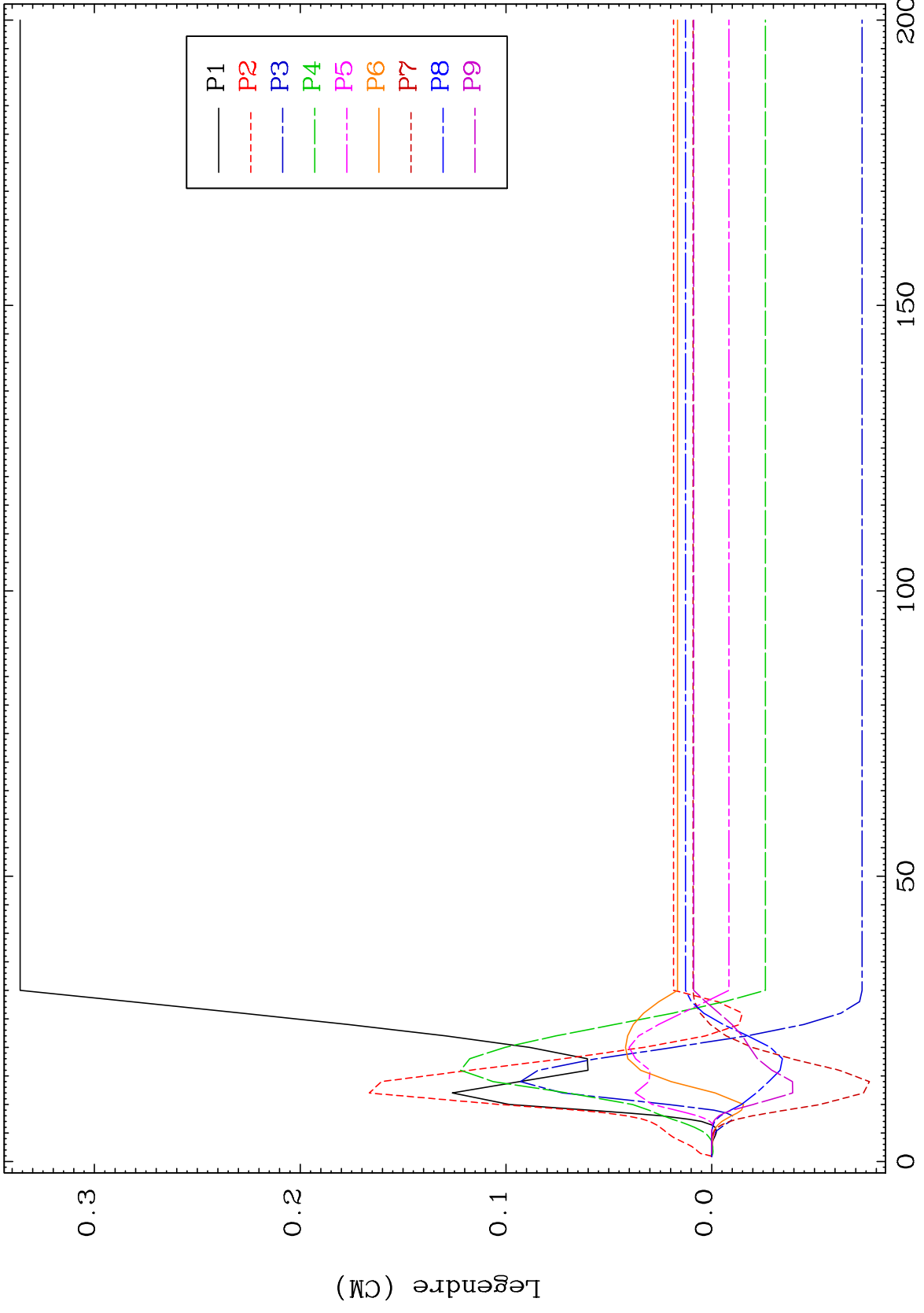
30-Zn-67

MAT 3034 MT= 54 (n,n') Level Legendre Coefficients 30-Zn-67





MAT 3034 MT= 55 (n,n') Level Legendre Coefficients 30-Zn-67

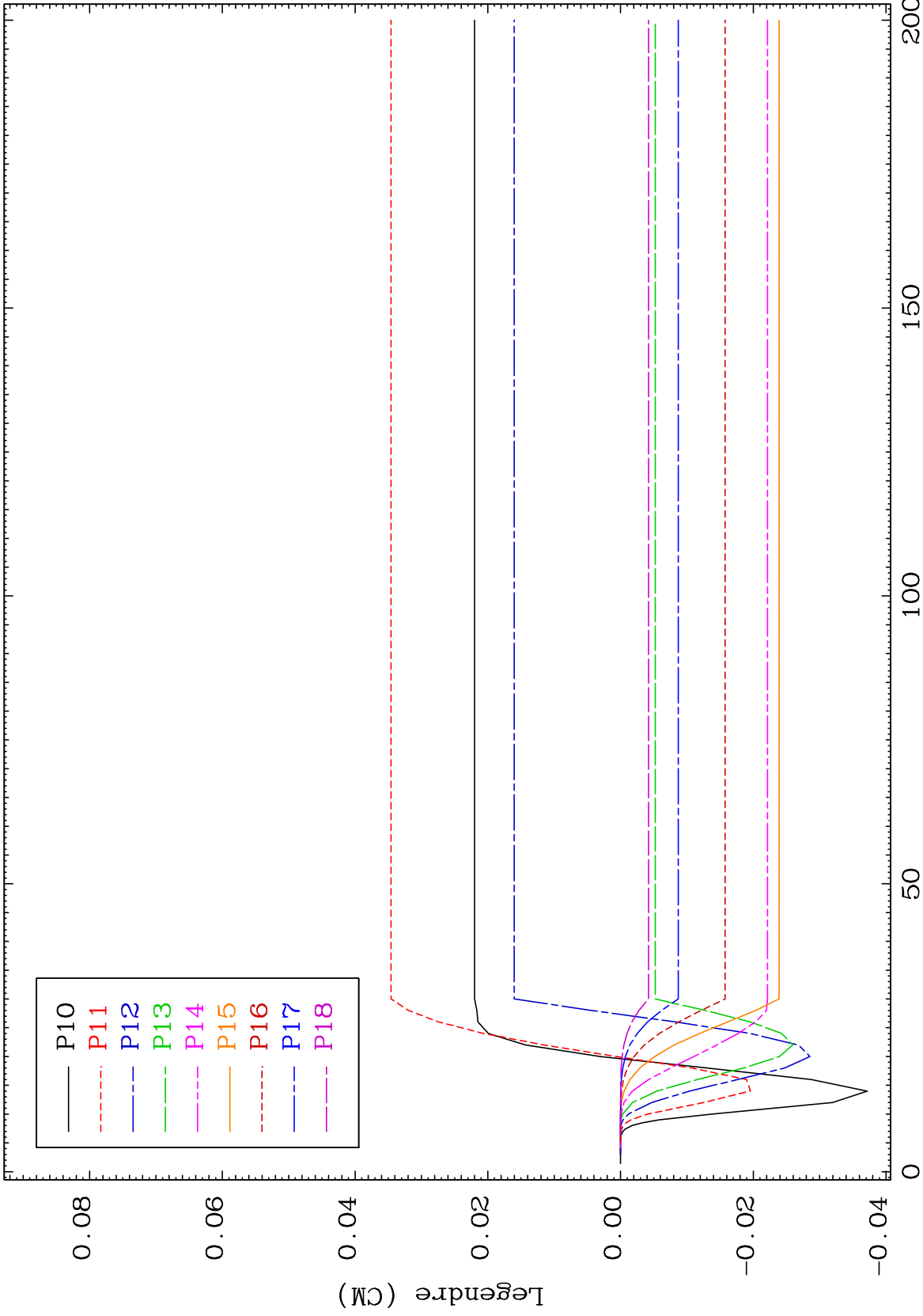


32 30-Zn-67

MAT 3034

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

30-Zn-67



33

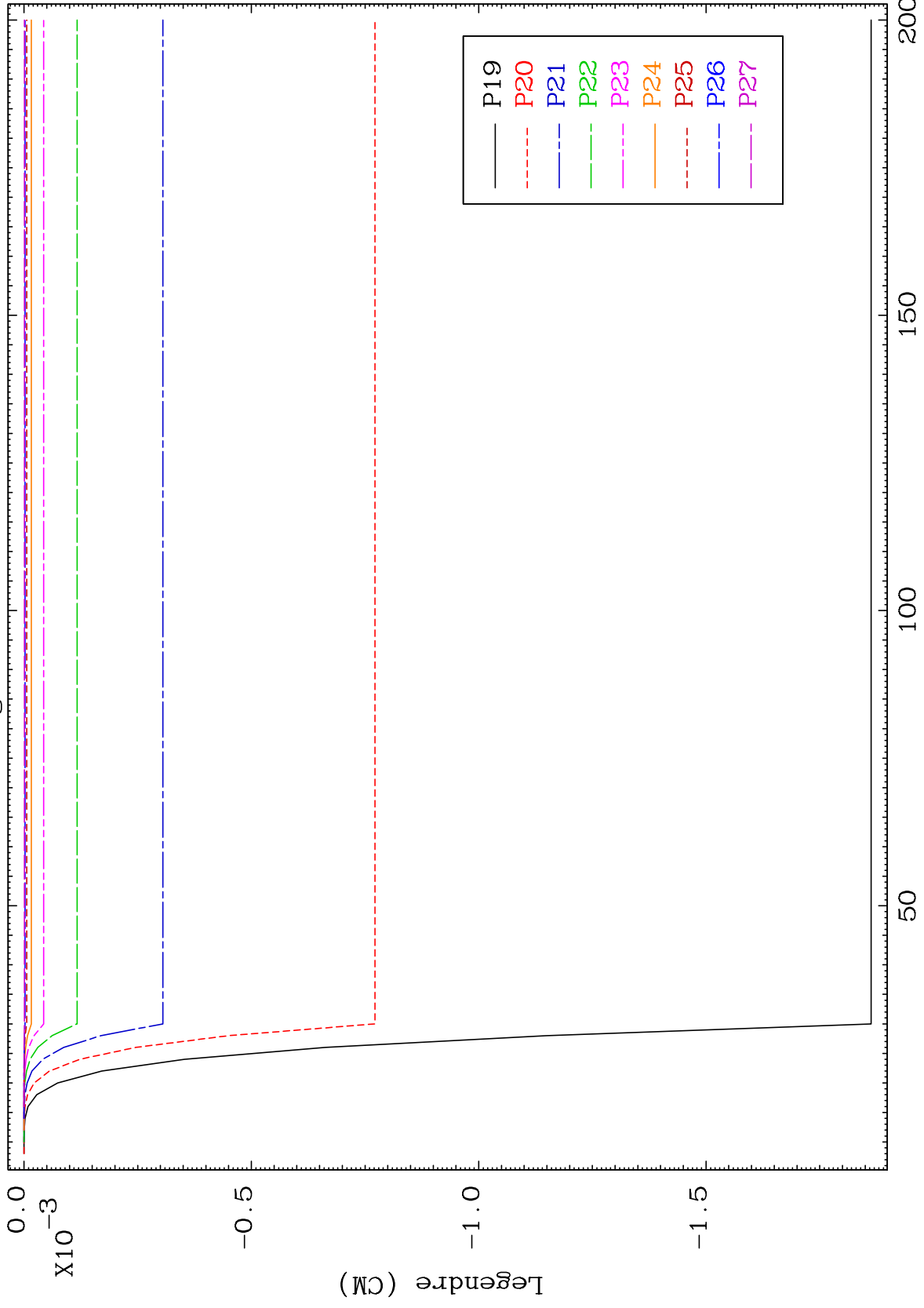
Incident Energy (MeV)

30-Zn-67

MAT 3034

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

30-Zn-67

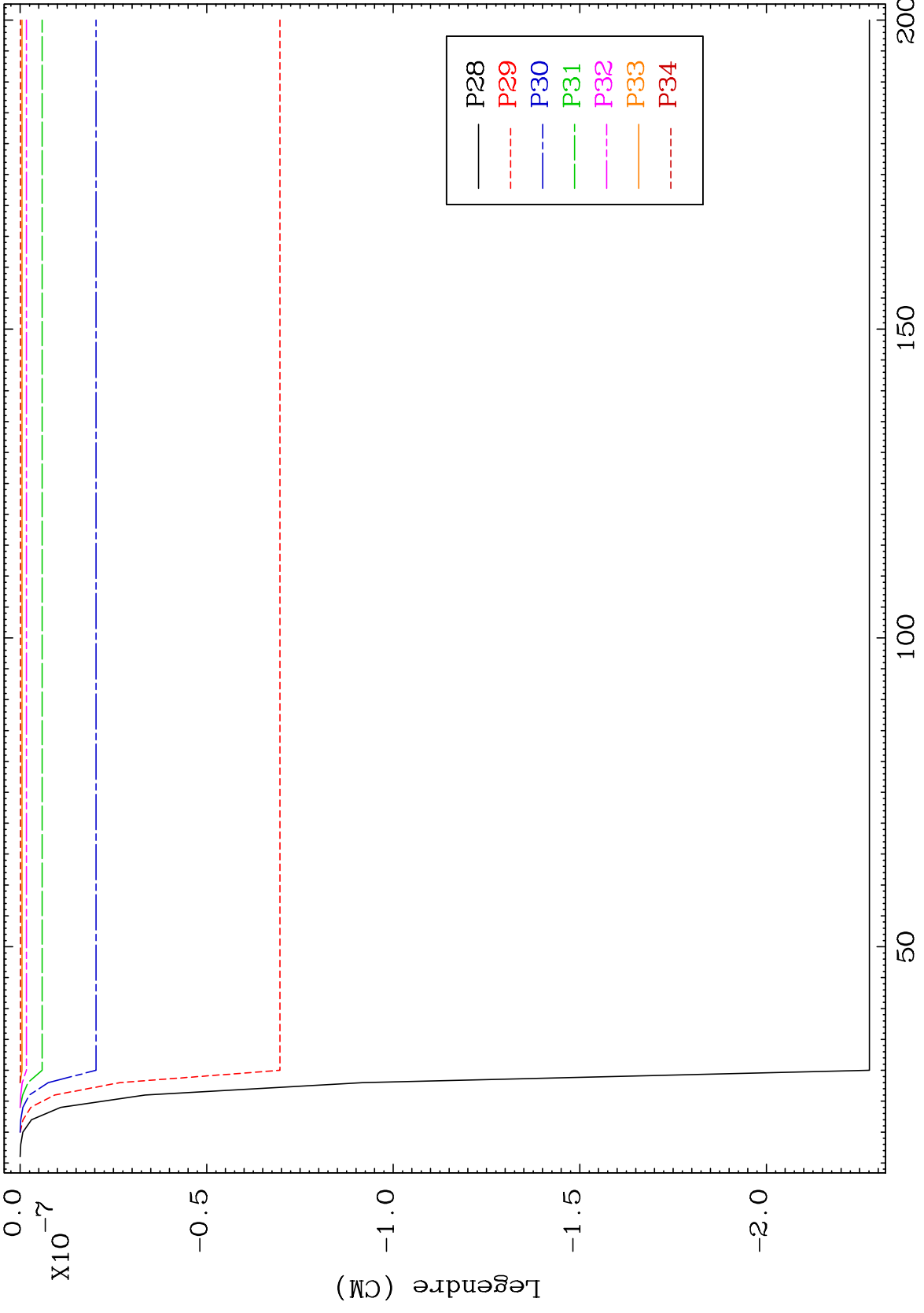


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Incident Energy (MeV)

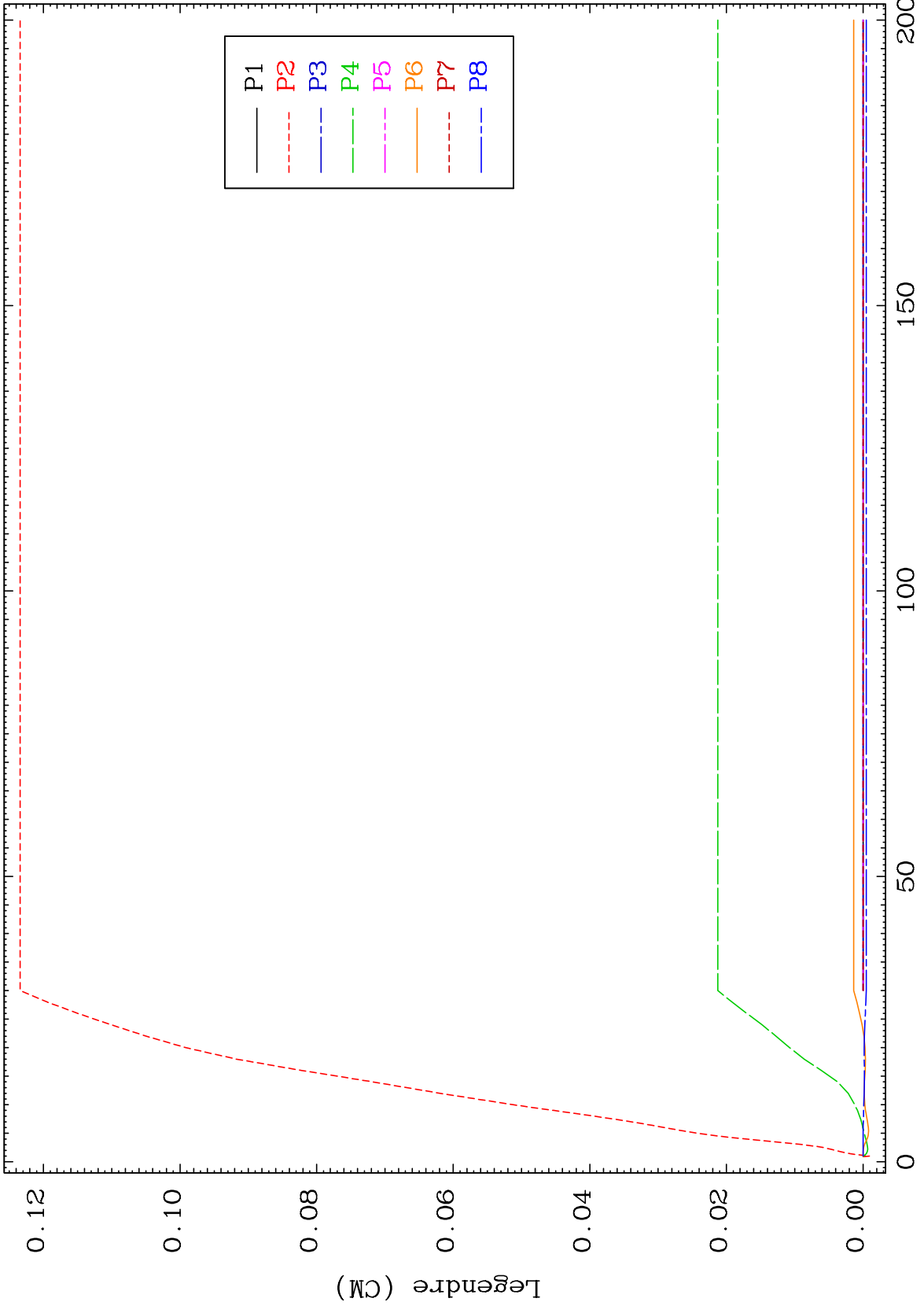
30-Zn-67

MAT 3034 MT= 55 (n,n') Level Legendre Coefficients 30-Zn-67



35 50 100 150 200 30-Zn-67

MAT 3034 MT= 56 (n,n') Level Legendre Coefficients 30-Zn-67

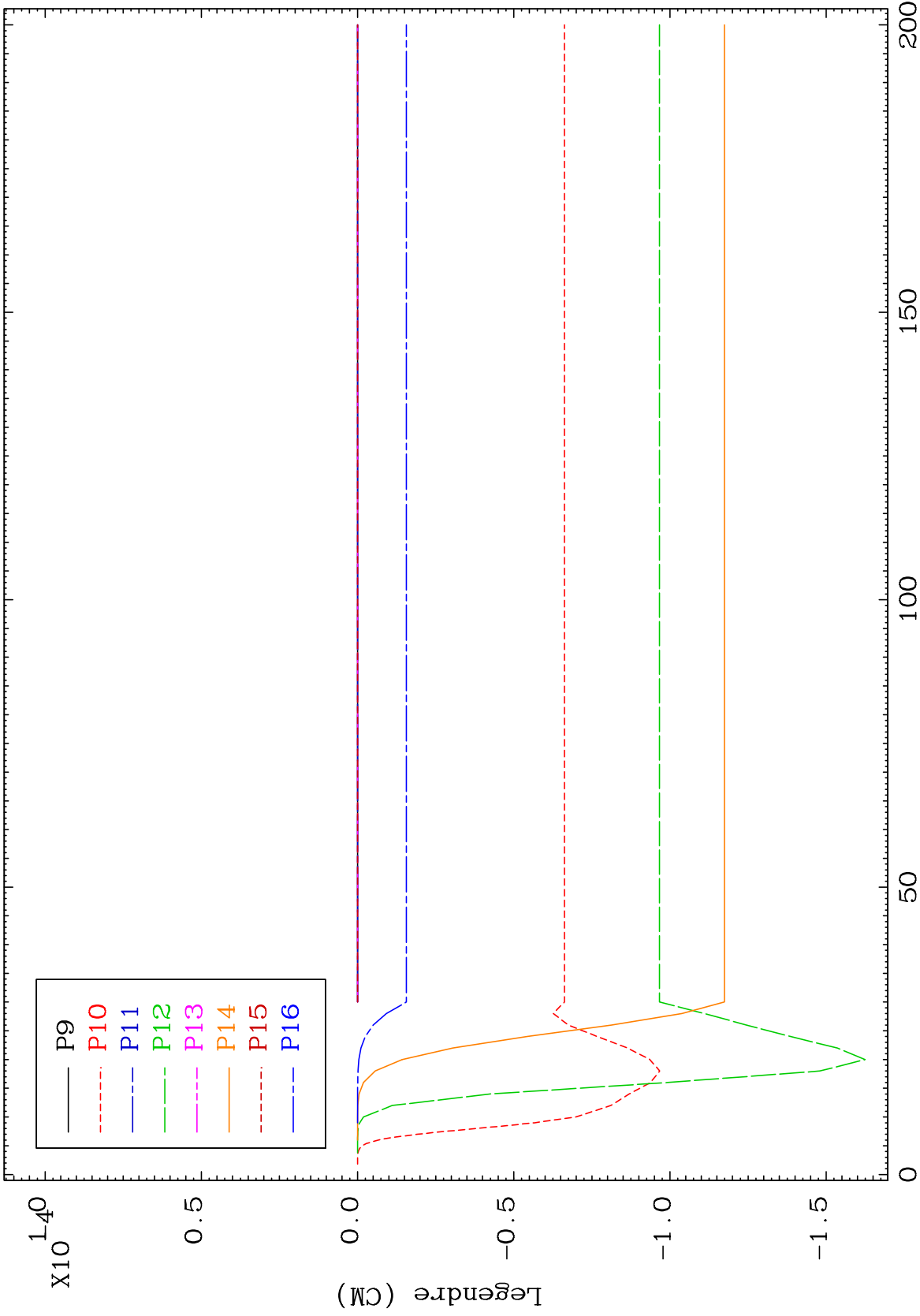


36 Incident Energy (MeV) 30-Zn-67

MAT 3034

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

30-Zn-67

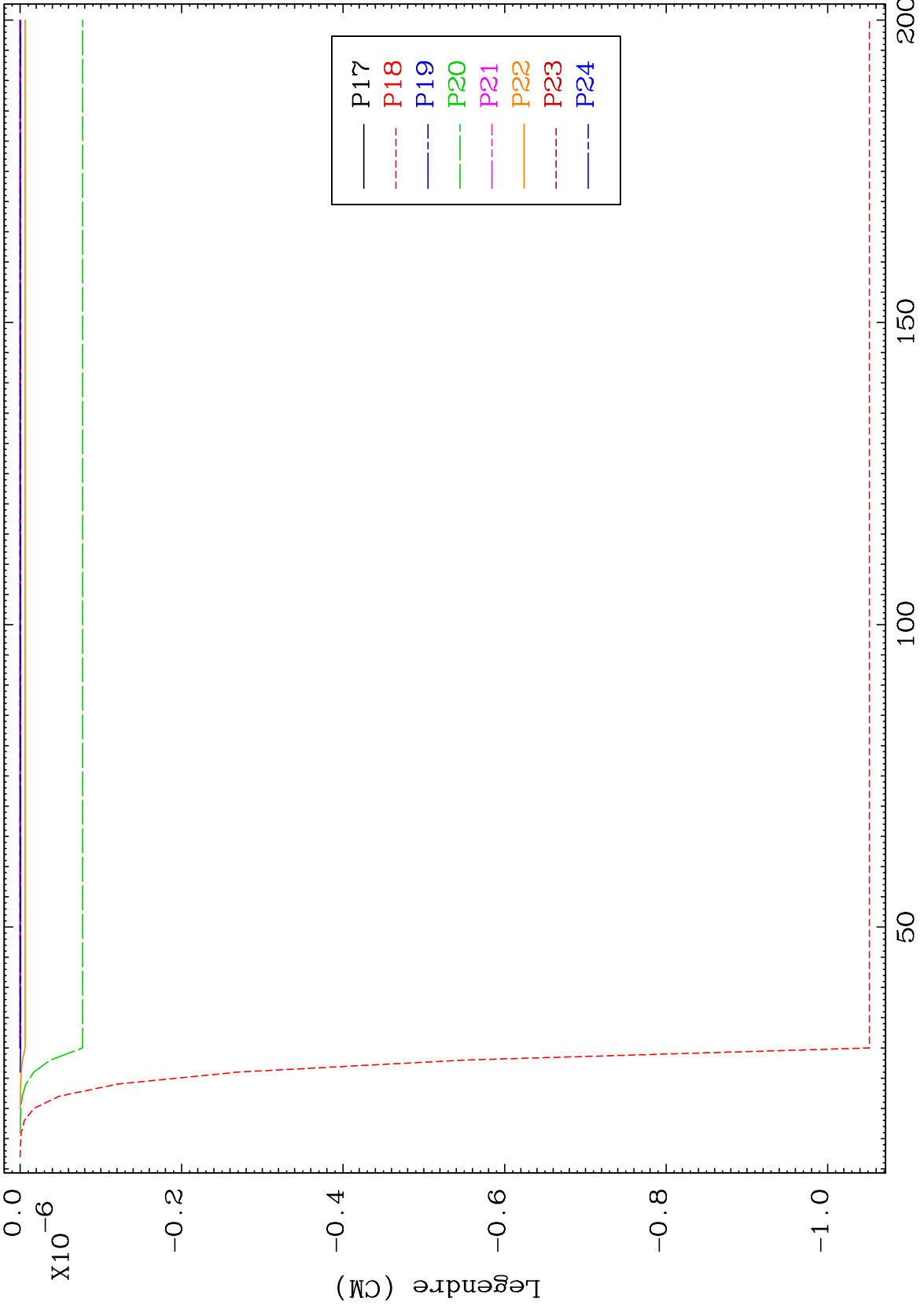


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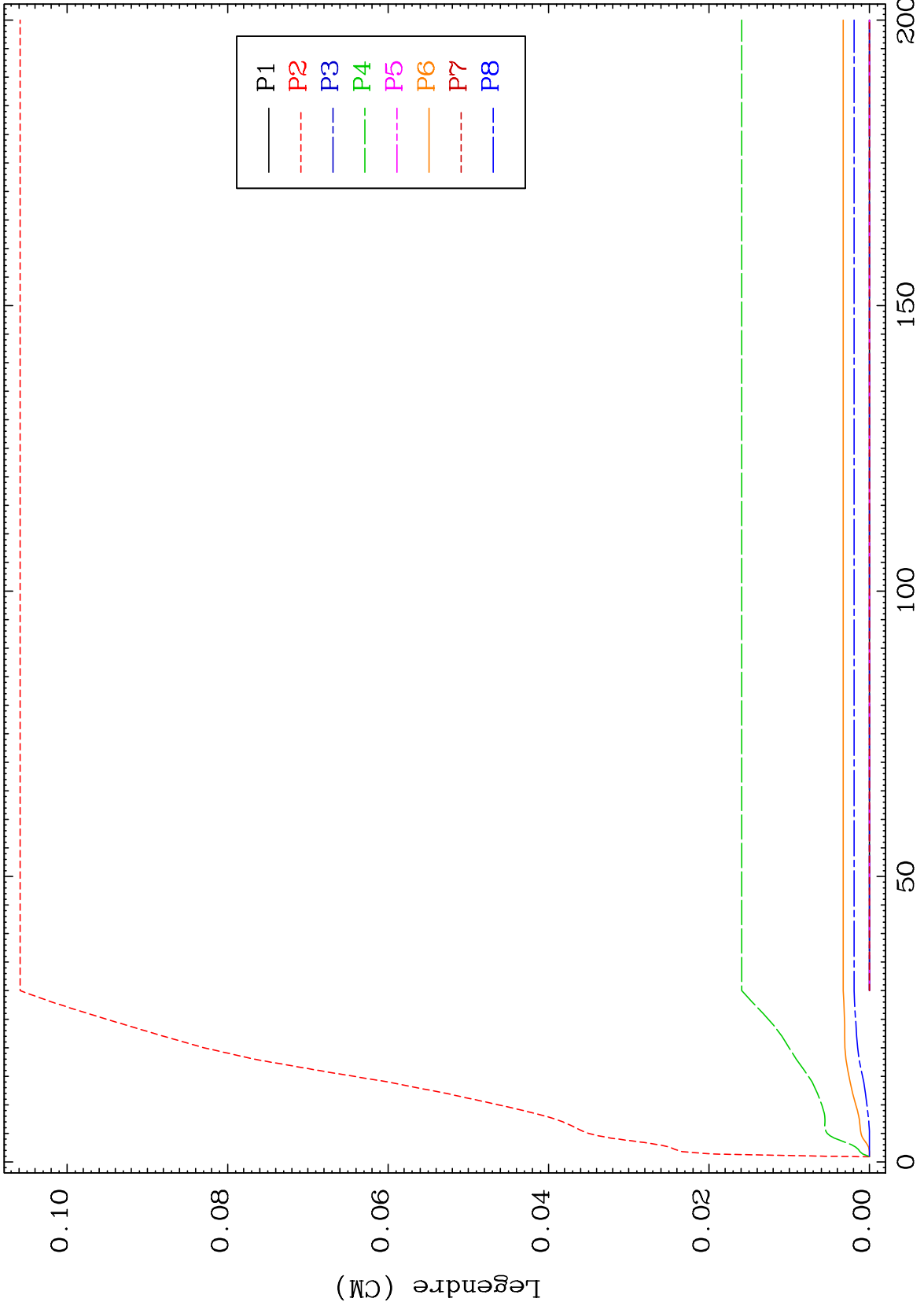
Incident Energy (MeV)

30-Zn-67

MAT 3034 MT= 56 (n,n') Level Legendre Coefficients 30-Zn-67



MAT 3034 MT= 57 (n,n') Level Legendre Coefficients 30-Zn-67

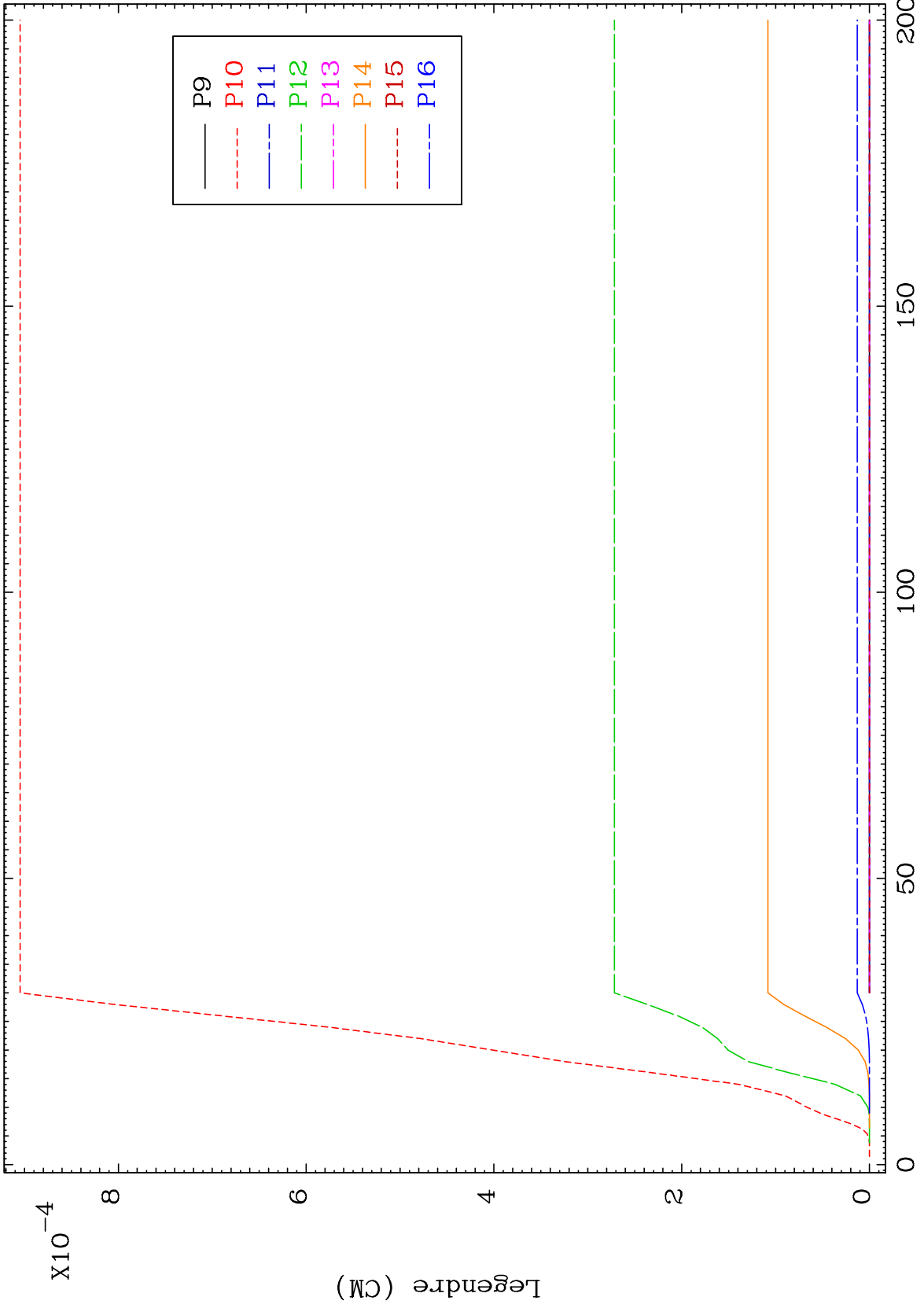


39 30-Zn-67

MAT 3034

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

30-Zn-67

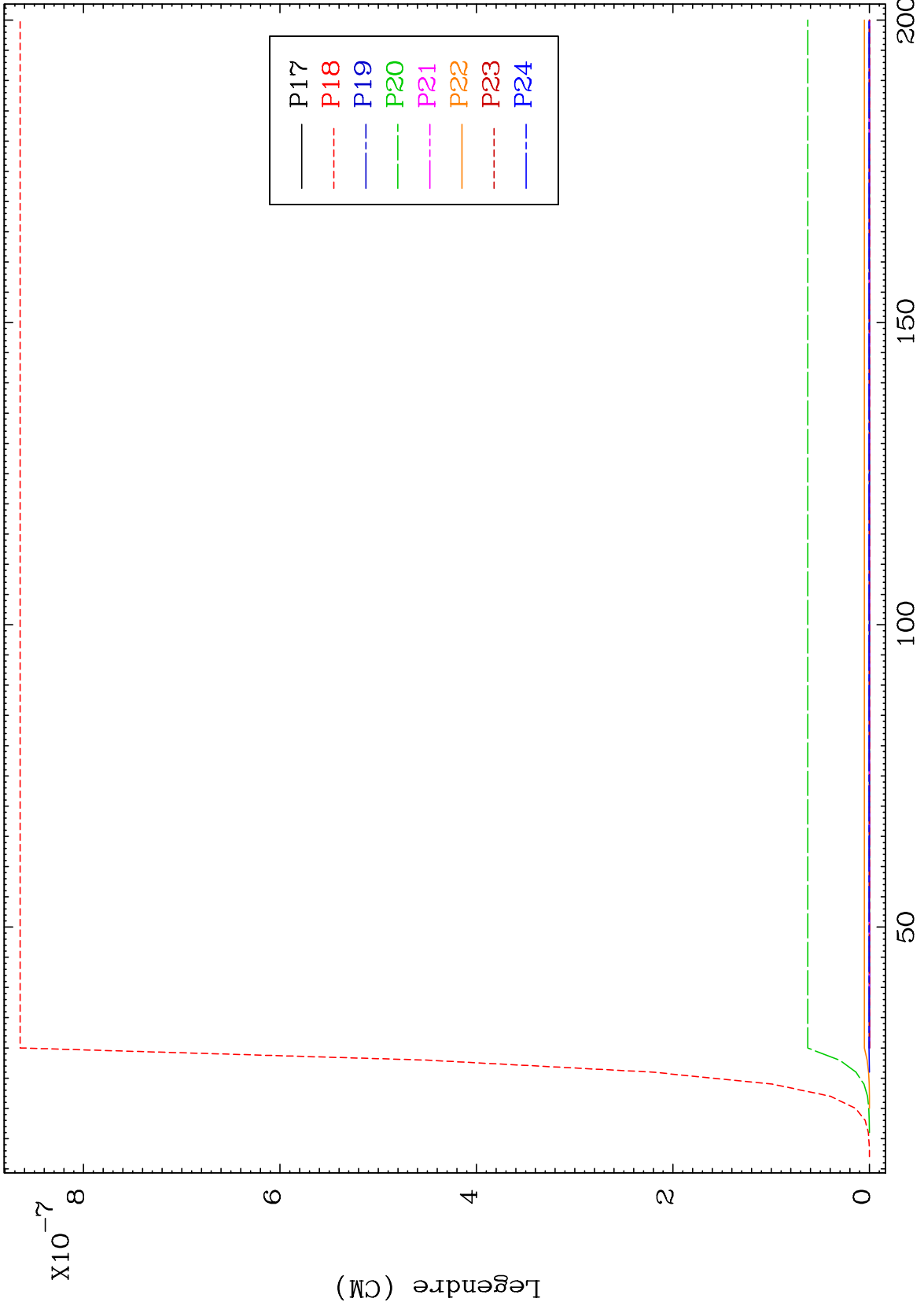


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Incident Energy (MeV)

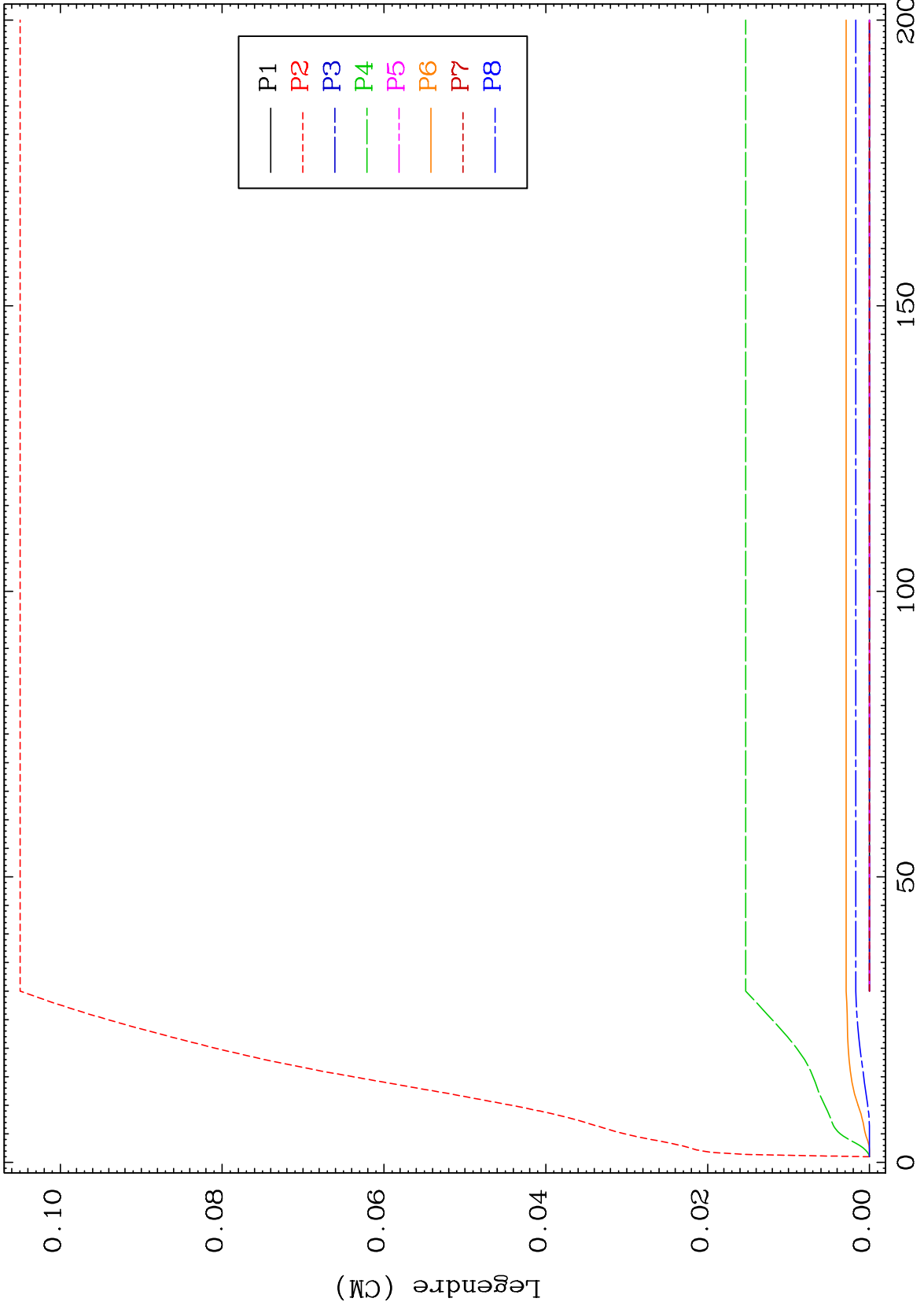
30-Zn-67

MAT 3034 MT= 57 (n,n') Level Legendre Coefficients 30-Zn-67

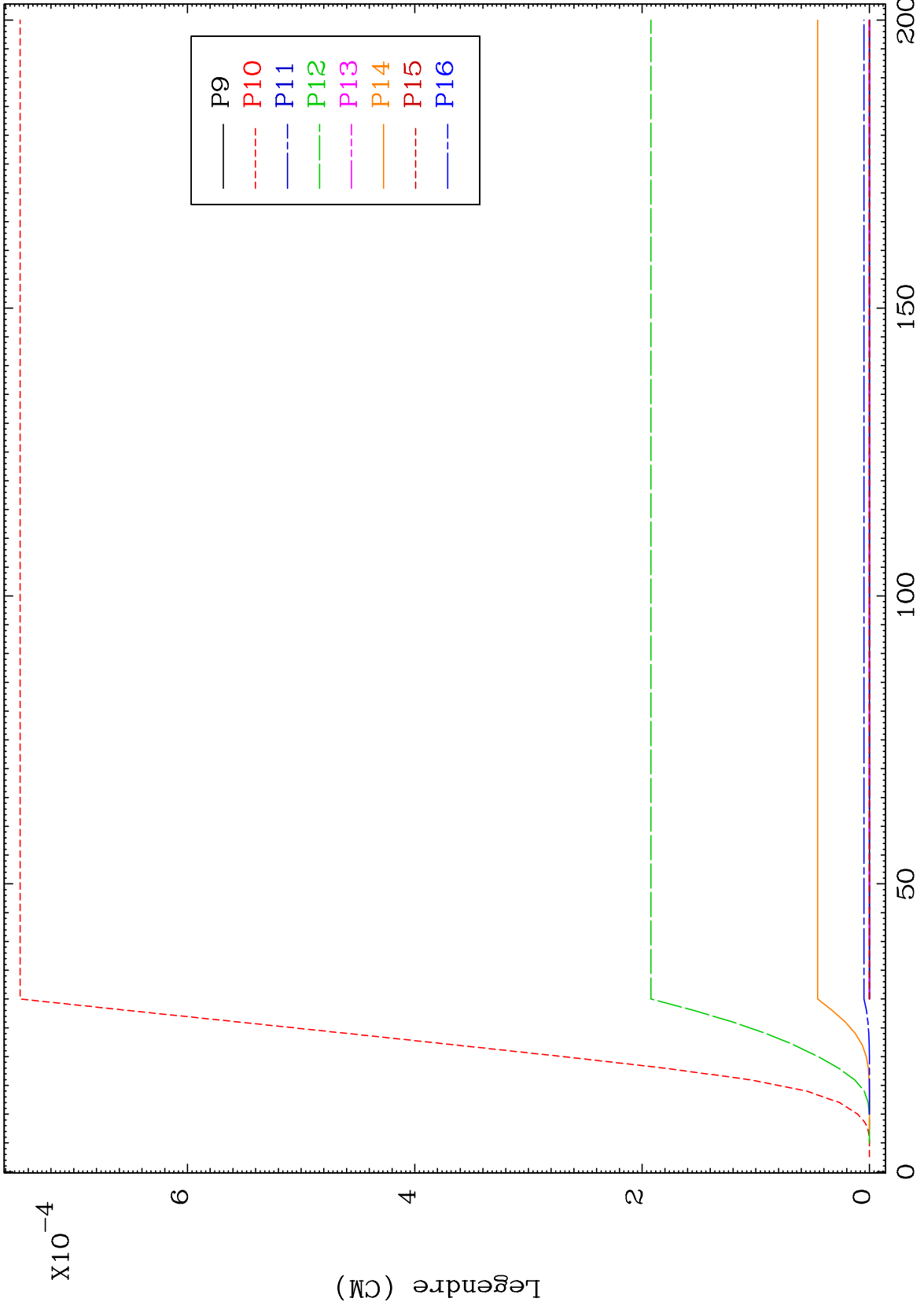


41 30-Zn-67

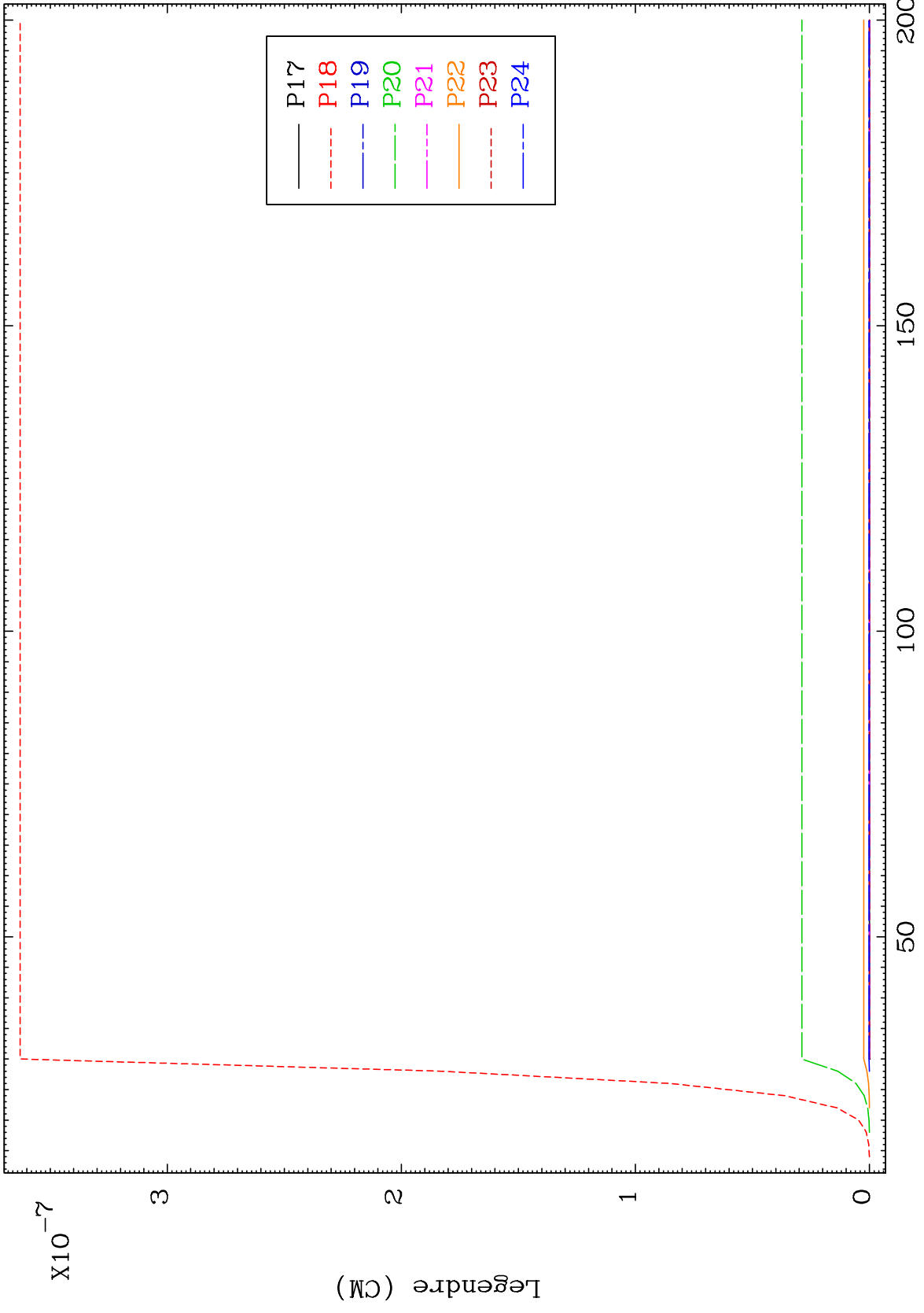
MAT 3034 MT= 58 (n,n') Level Legendre Coefficients 30-Zn-67



MAT 3034 MT= 58 (n,n') Level Legendre Coefficients 30-Zn-67

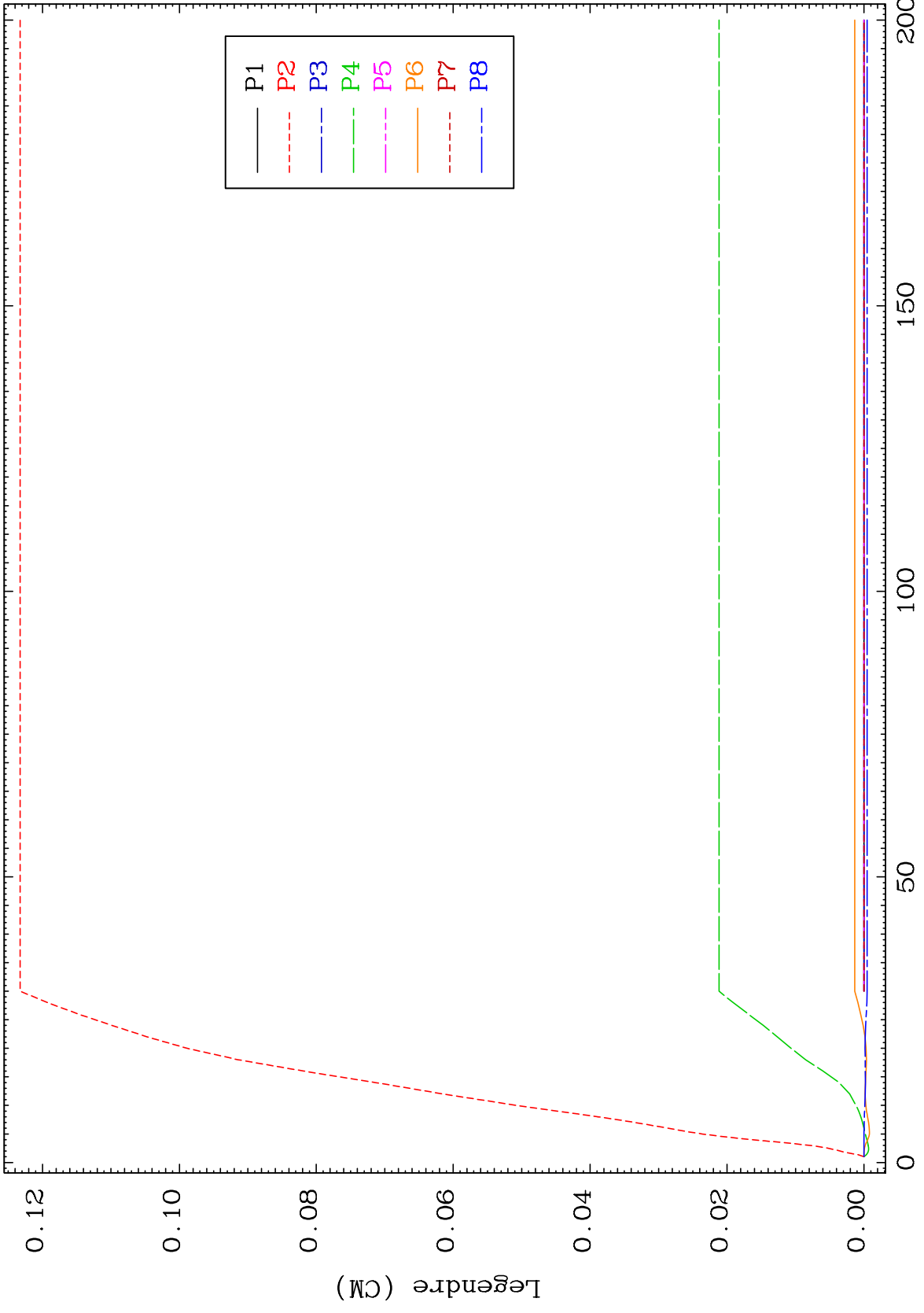


MAT 3034 MT= 58 (n,n') Level Legendre Coefficients 30-Zn-67



44 50 100 150 200 30-Zn-67

MAT 3034 MT= 59 (n,n') Level Legendre Coefficients 30-Zn-67

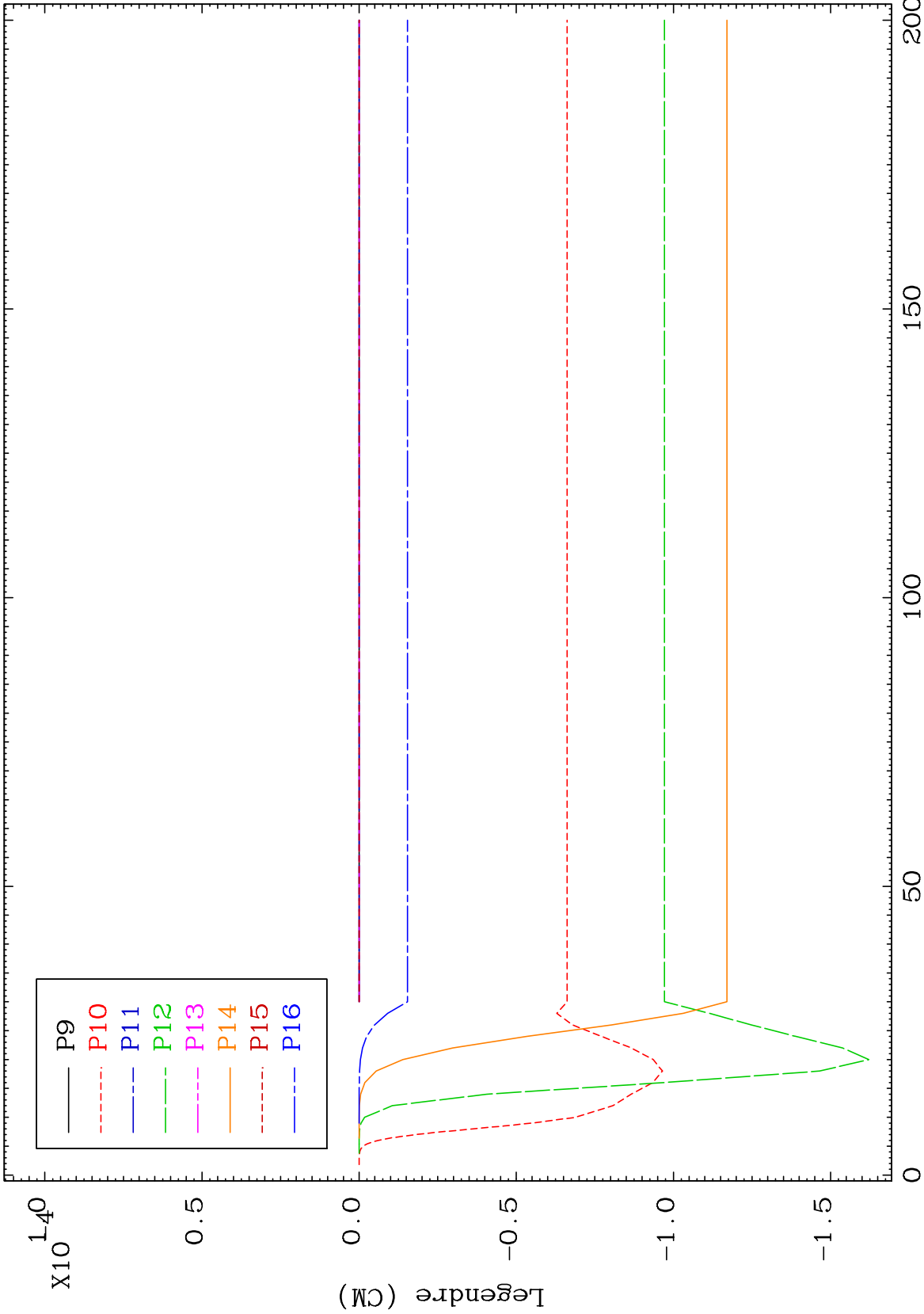


Incident Energy (MeV) 30-Zn-67

MAT 3034

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

30-Zn-67



46

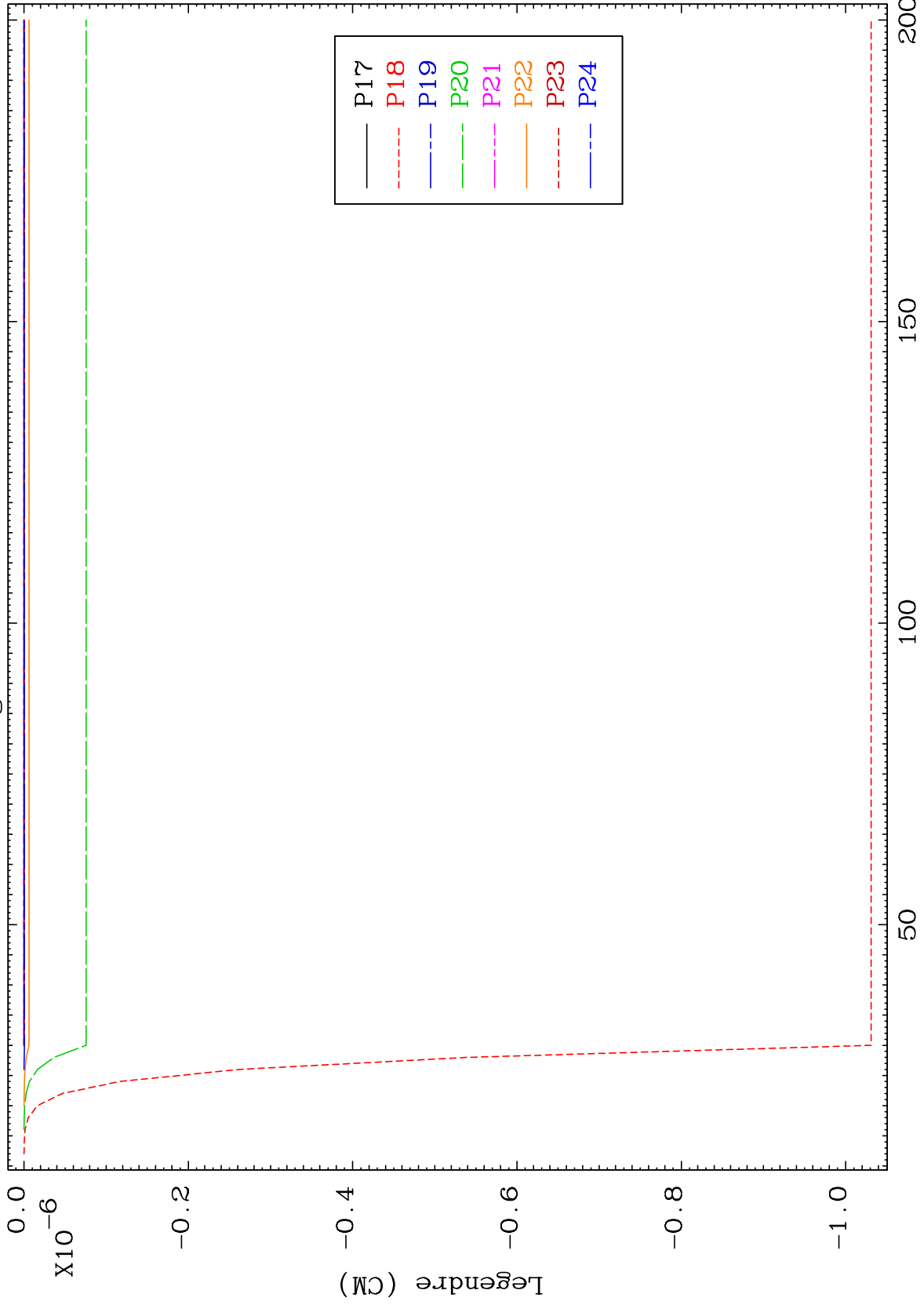
Incident Energy (MeV)

30-Zn-67

MAT 3034

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

30-Zn-67



30-Zn-67

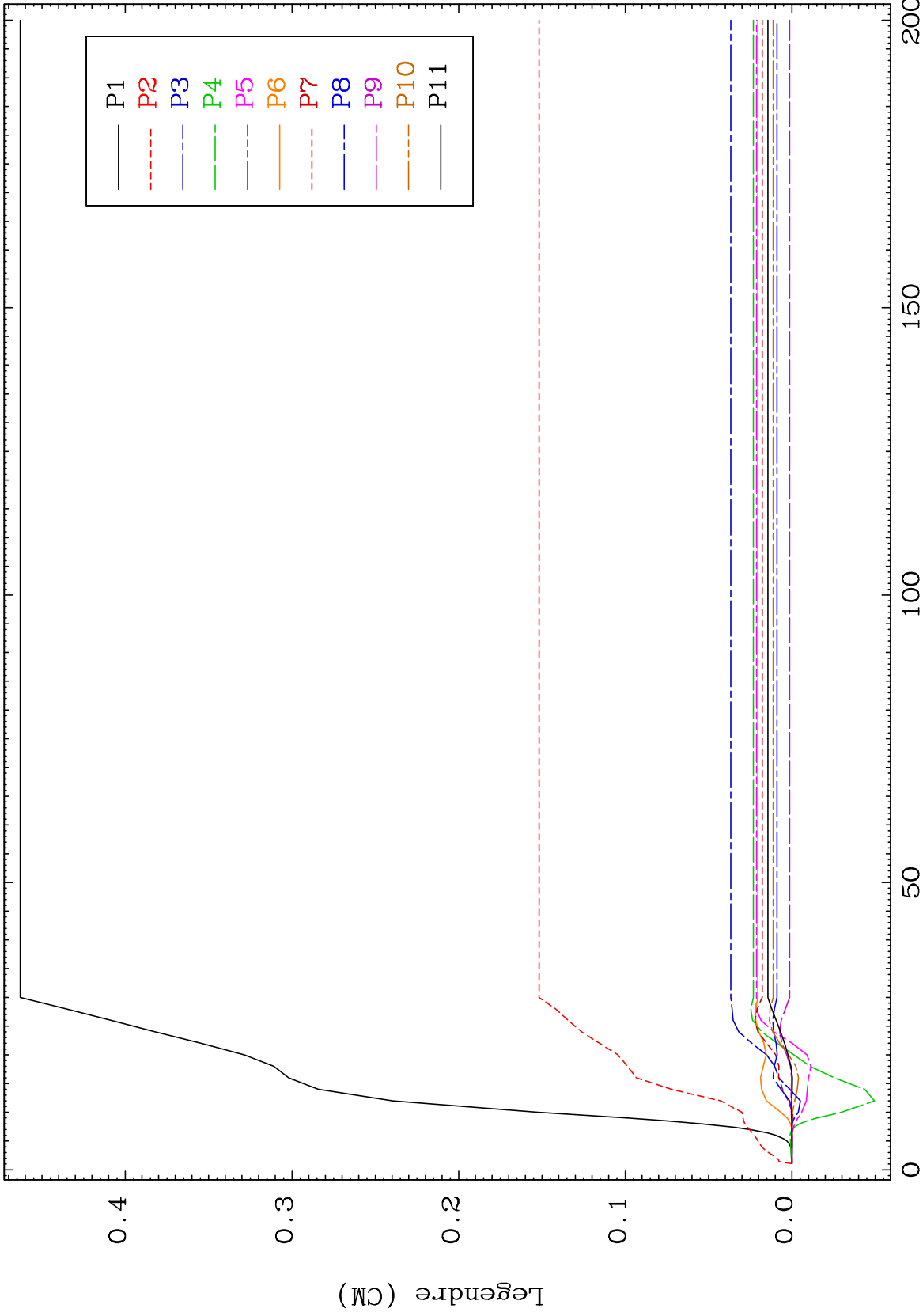
Incident Energy (MeV)

47

MAT 3034

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

30-Zn-67



48

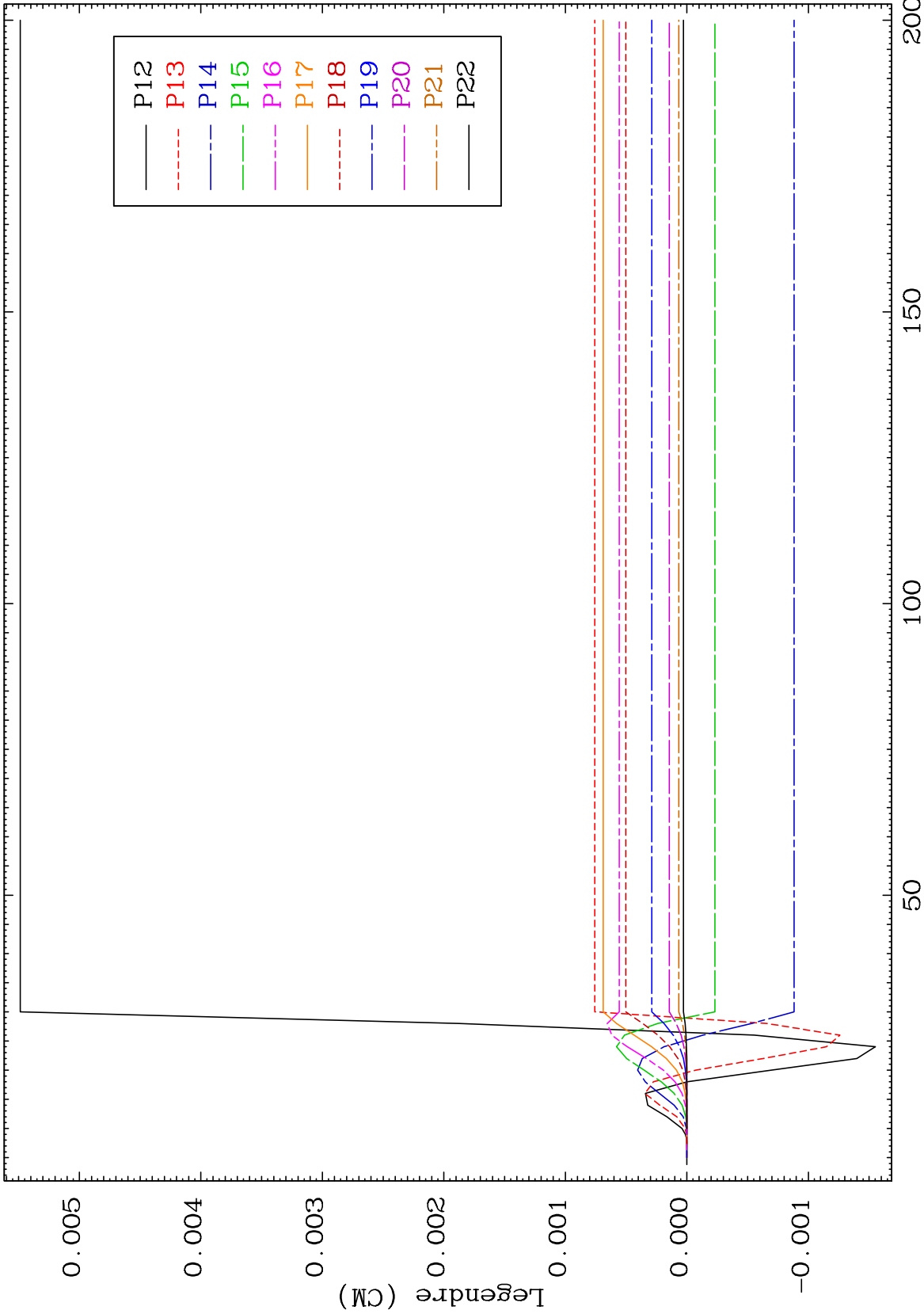
Incident Energy (MeV)

30-Zn-67

MAT 3034

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

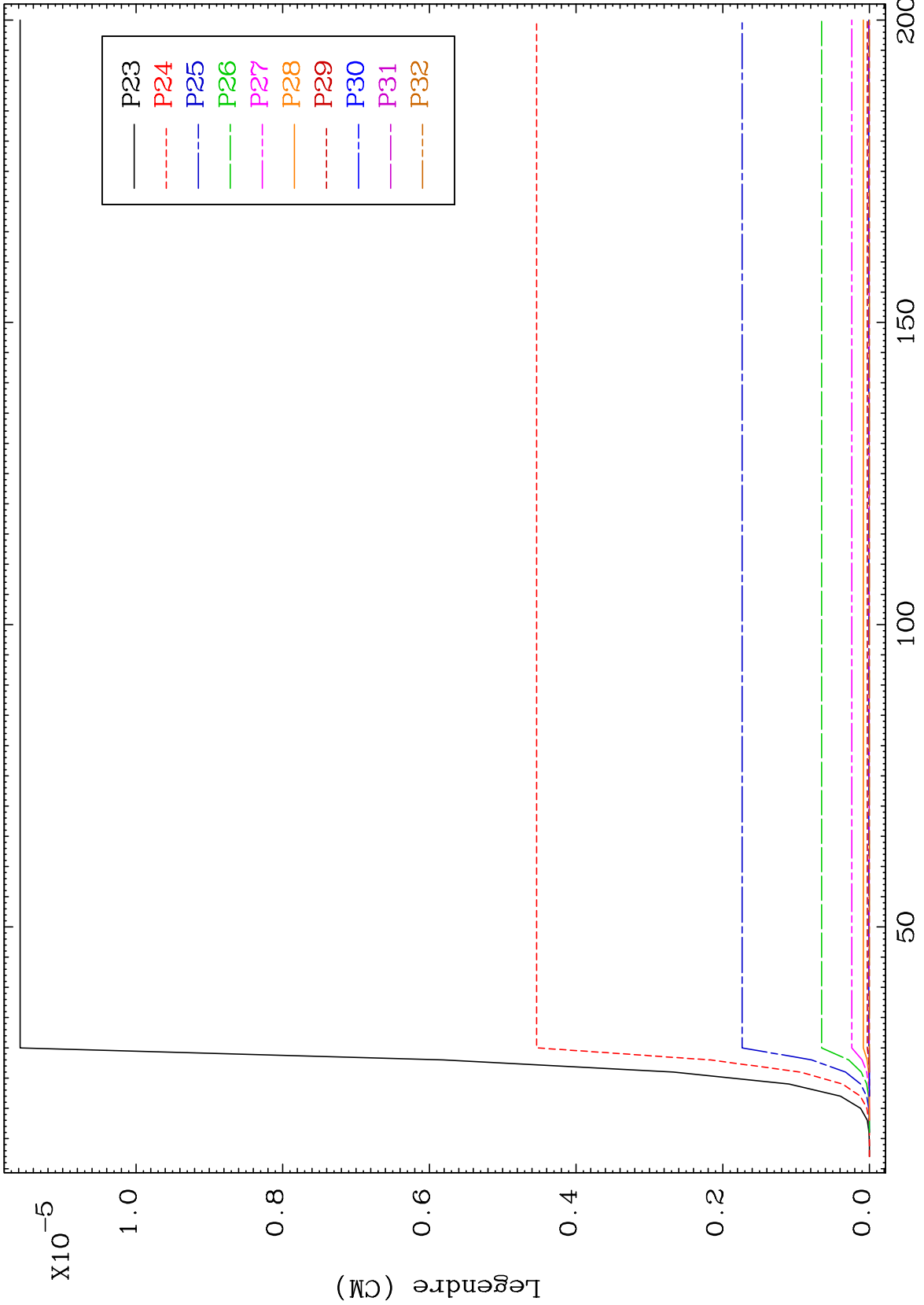
30-Zn-67



MAT 3034

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

30-Zn-67

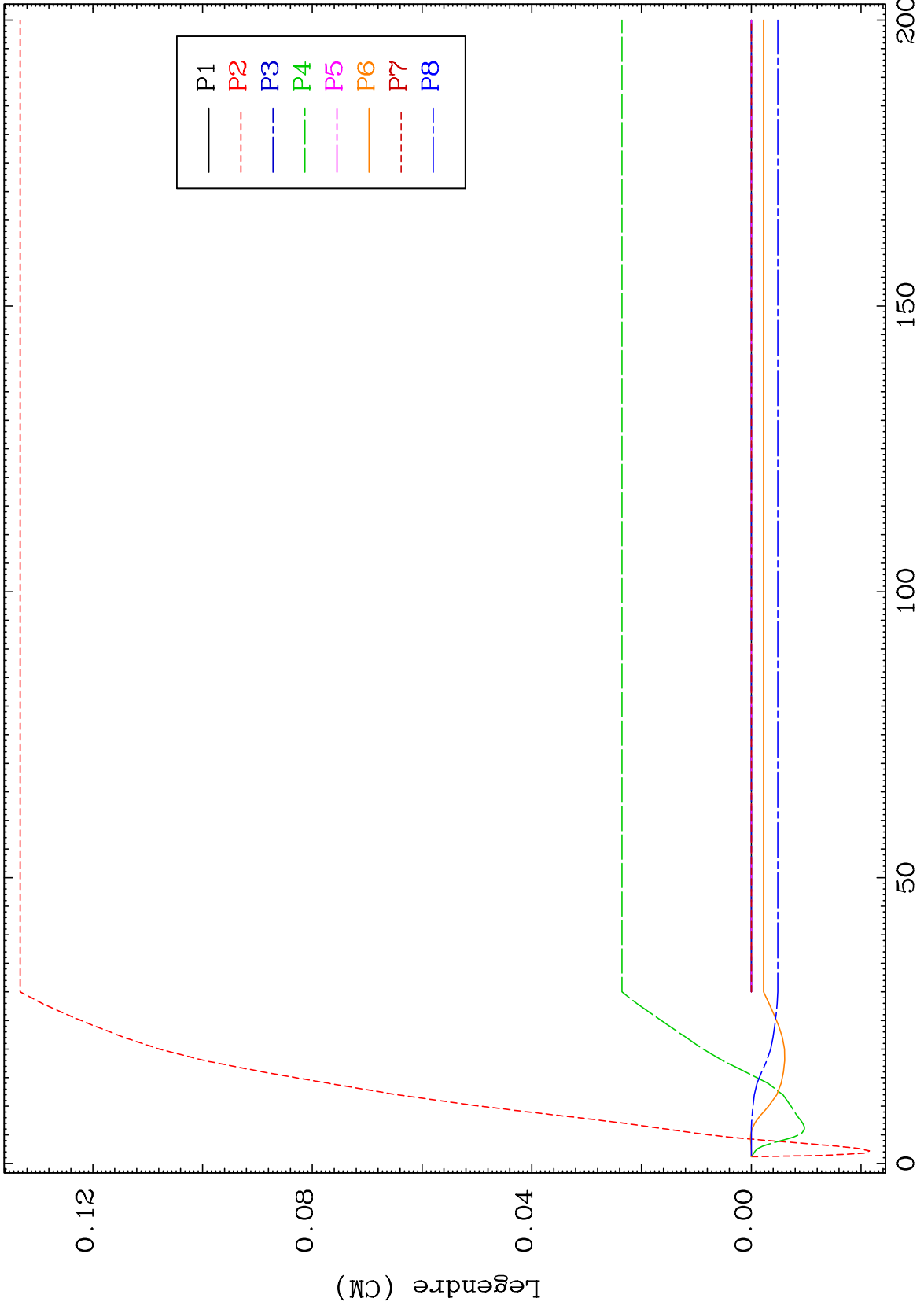


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Incident Energy (MeV)

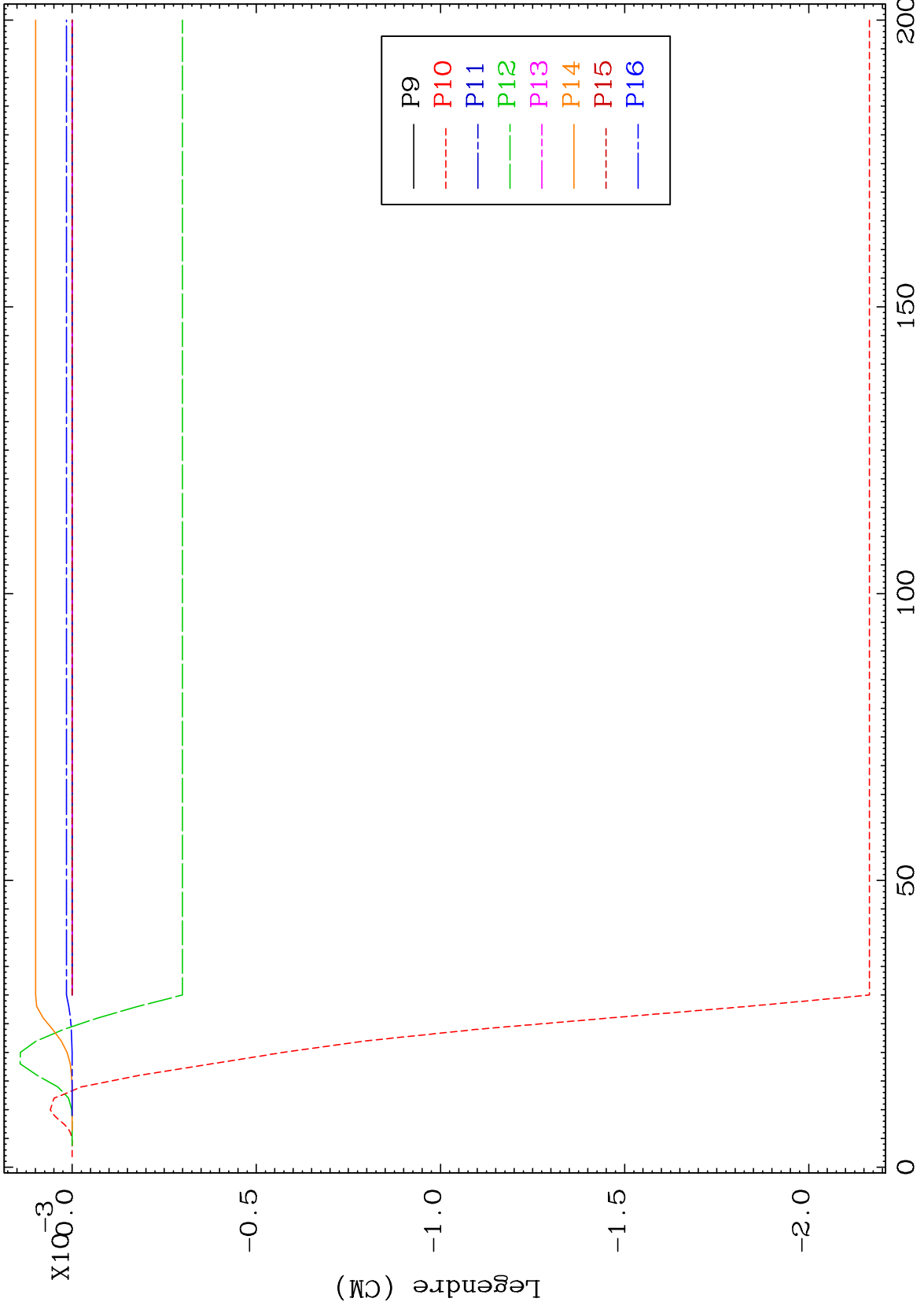
30-Zn-67

MAT 3034 MT= 61 (n,n') Level Legendre Coefficients 30-Zn-67

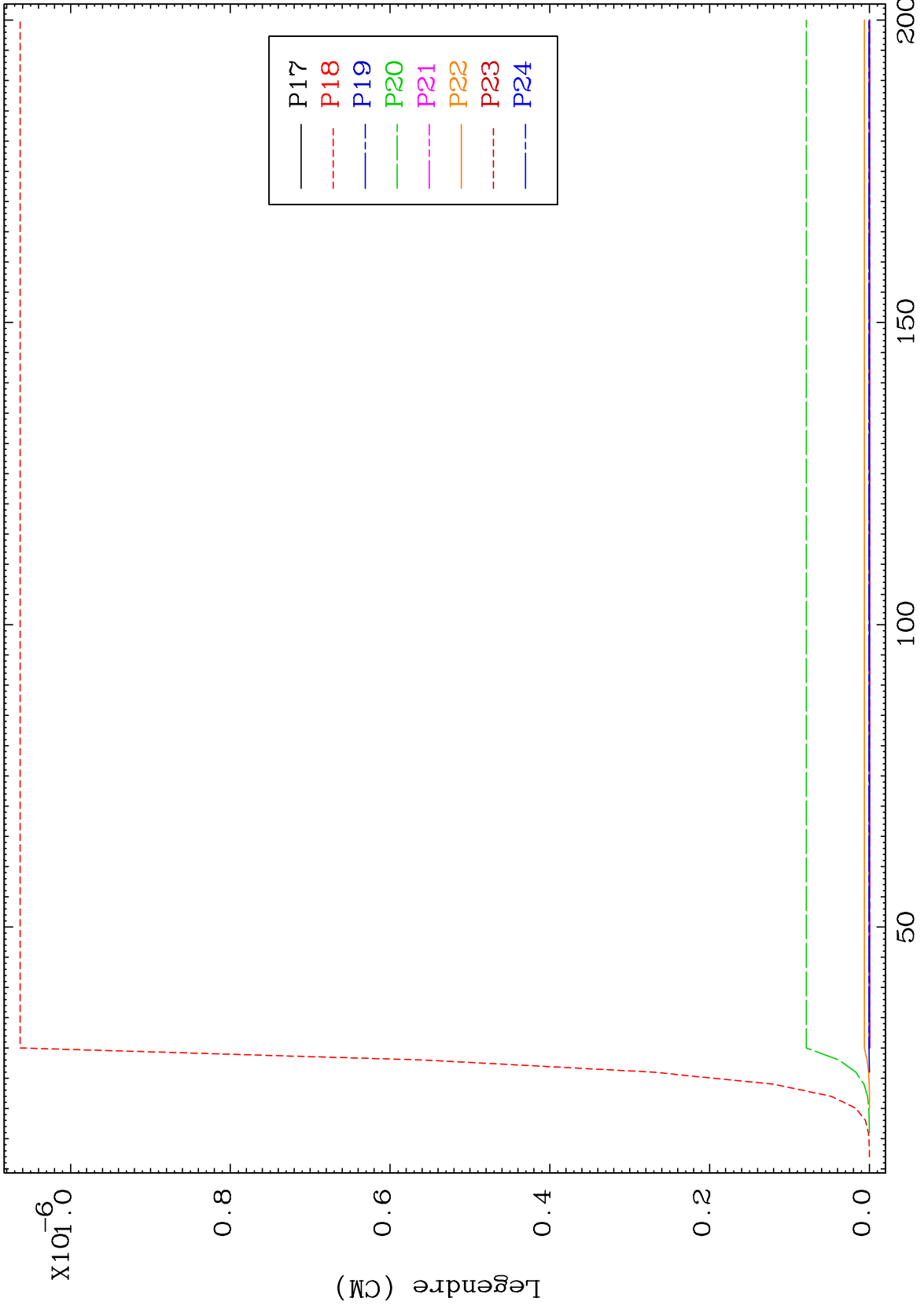


51 30-Zn-67

MAT 3034 MT= 61 (n,n') Level Legendre Coefficients 30-Zn-67



MAT 3034 MT= 61 (n,n') Level Legendre Coefficients 30-Zn-67

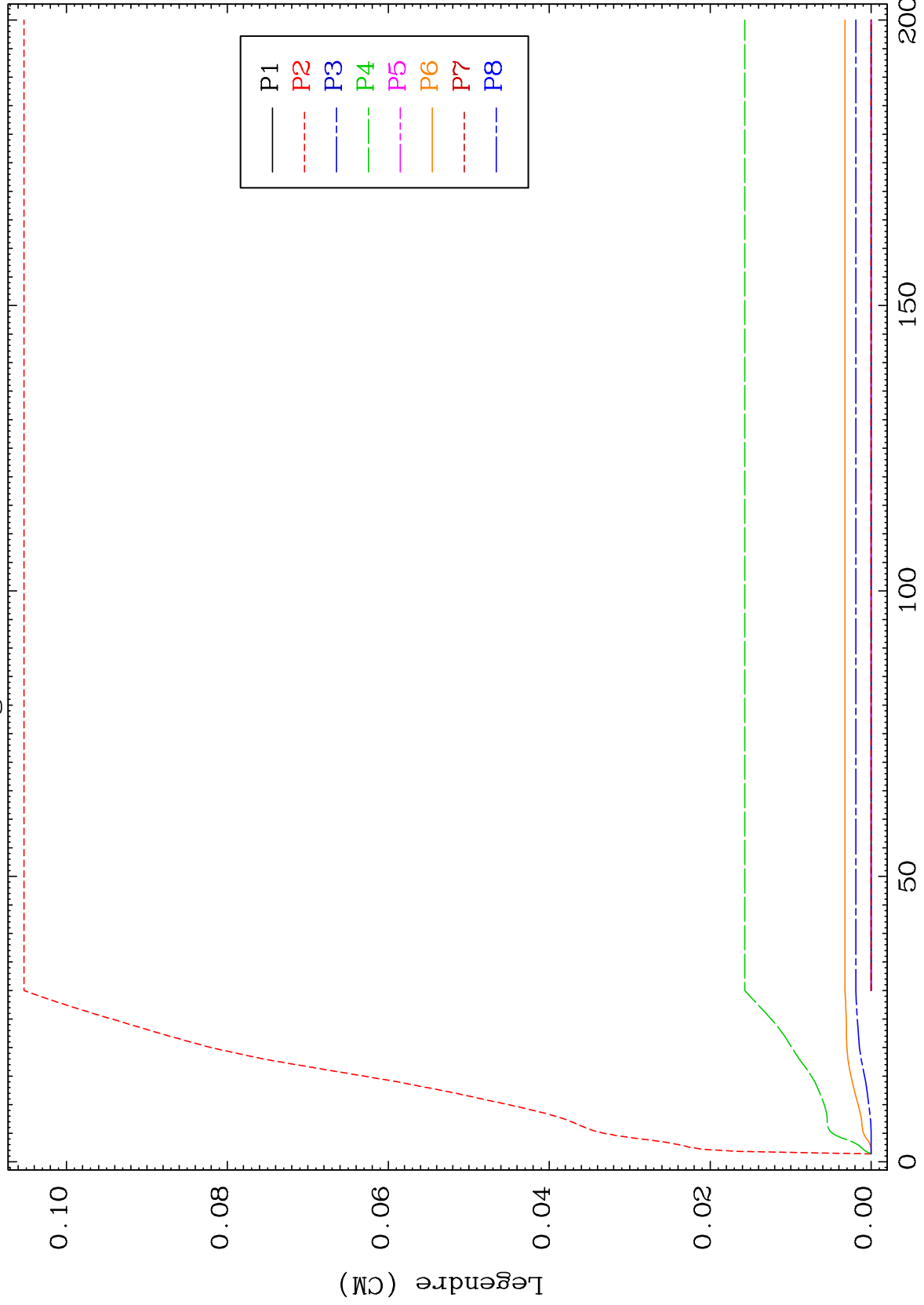


53 30-Zn-67

MAT 3034

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

30-Zn-67

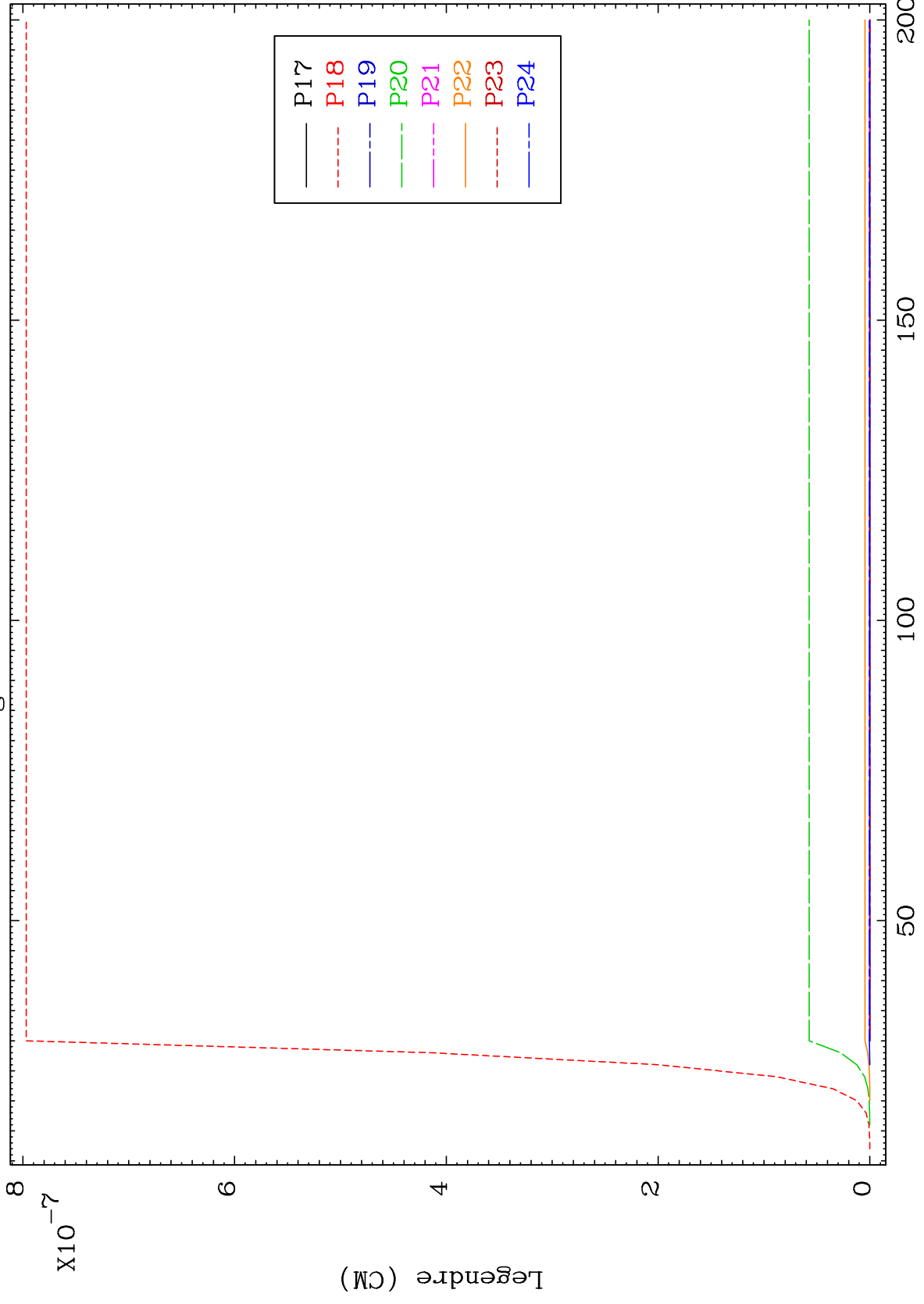


54

Incident Energy (MeV)

30-Zn-67

MAT 3034 MT= 62 (n,n') Level Legendre Coefficients 30-Zn-67

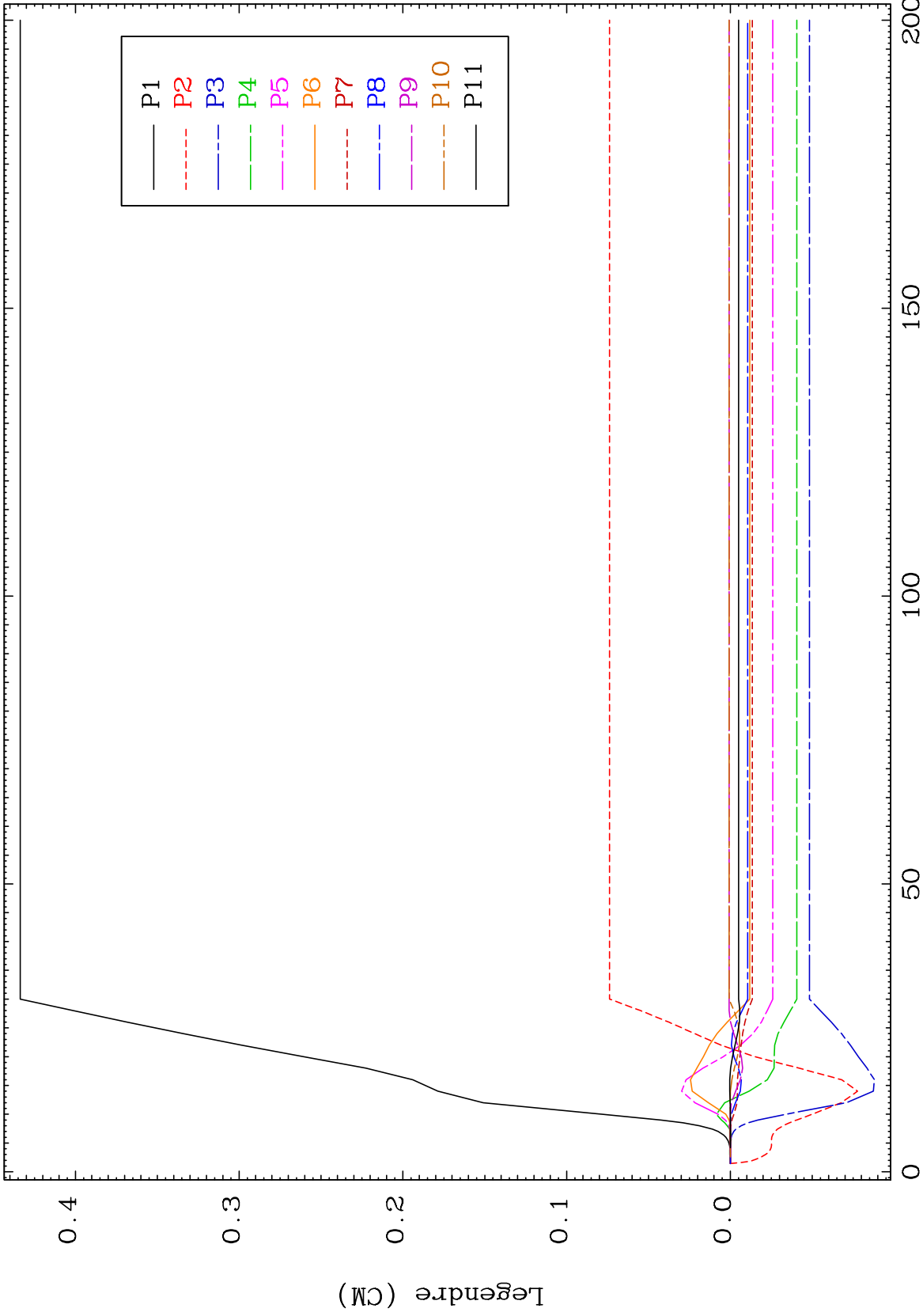


56 Incident Energy (MeV) 30-Zn-67

MAT 3034

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

30-Zn-67



57

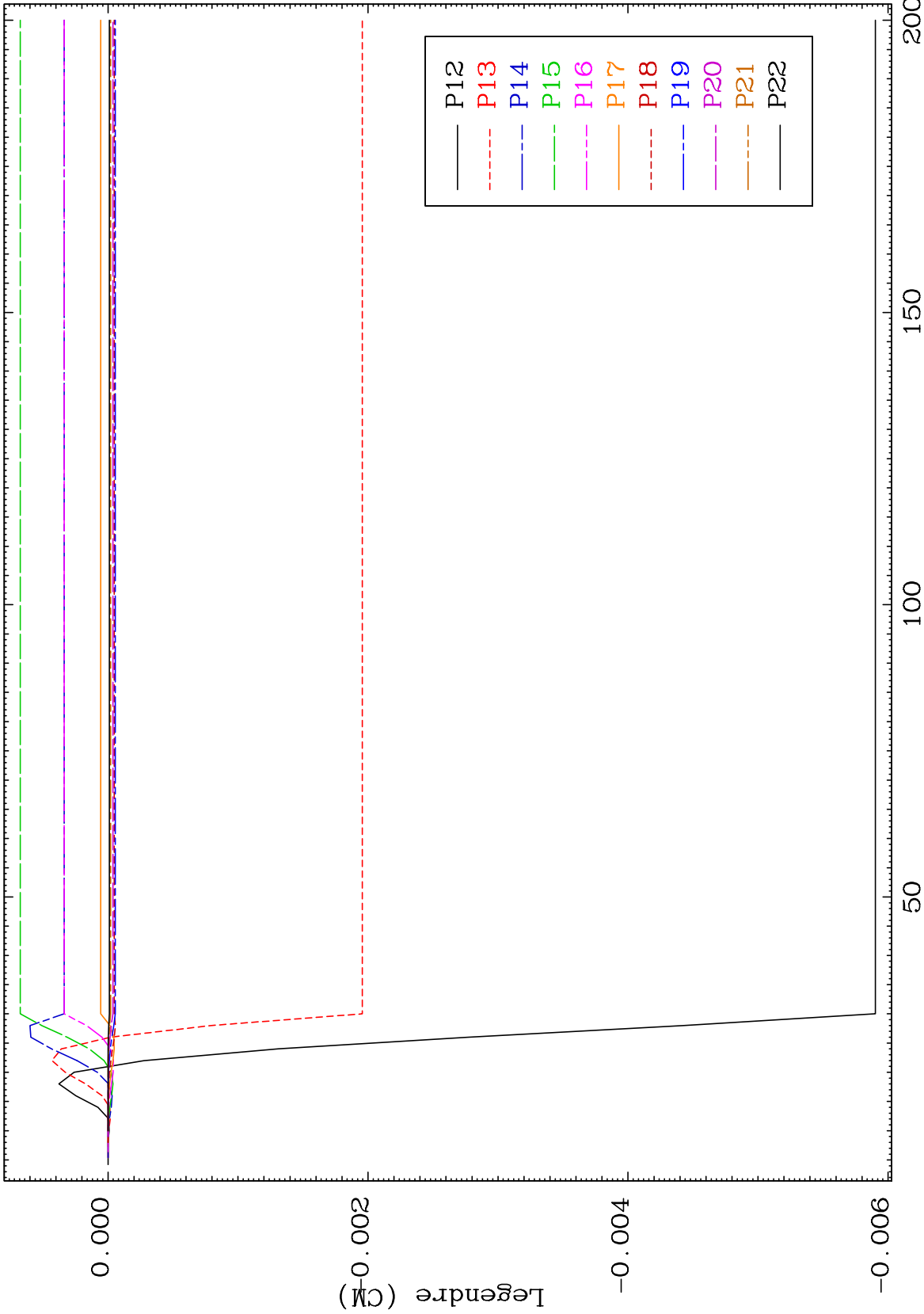
Incident Energy (MeV)

30-Zn-67

MAT 3034

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

30-Zn-67



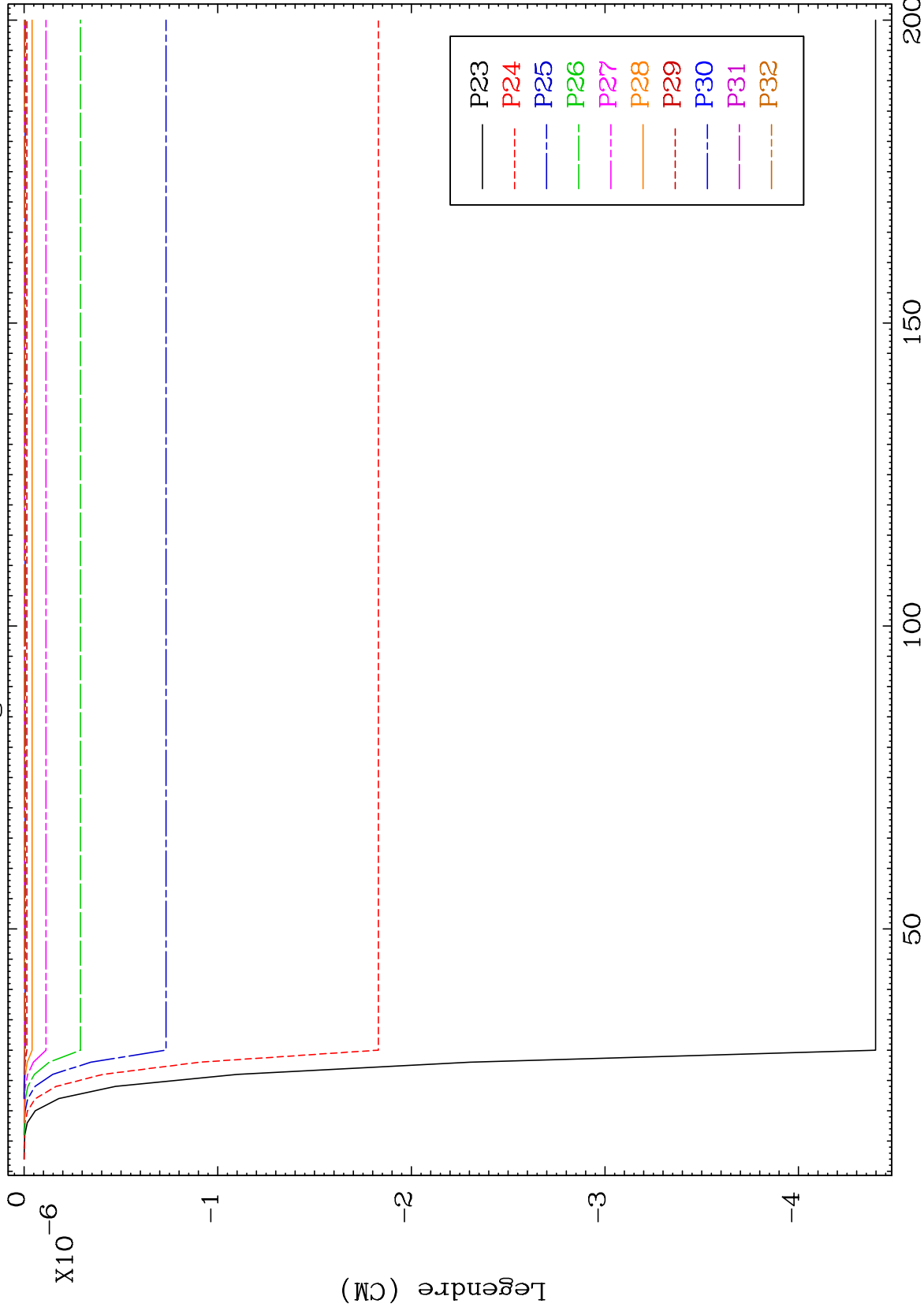
58

Incident Energy (MeV)

30-Zn-67

MAT 3034 MT= 63 (n,n') Level 30-Zn-67

Legendre Coefficients

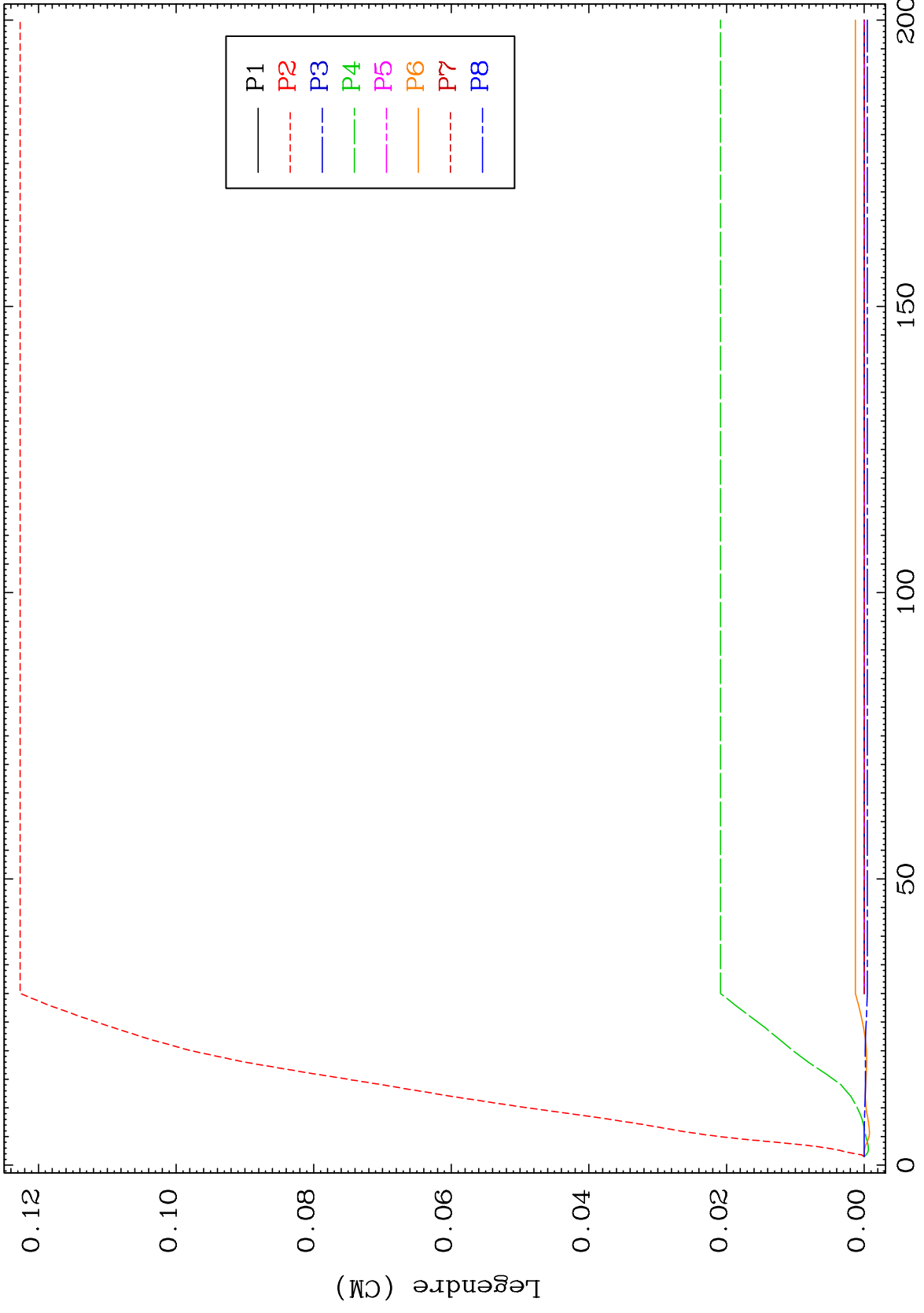


59

Incident Energy (MeV)

30-Zn-67

MAT 3034 MT= 64 (n,n') Level Legendre Coefficients 30-Zn-67

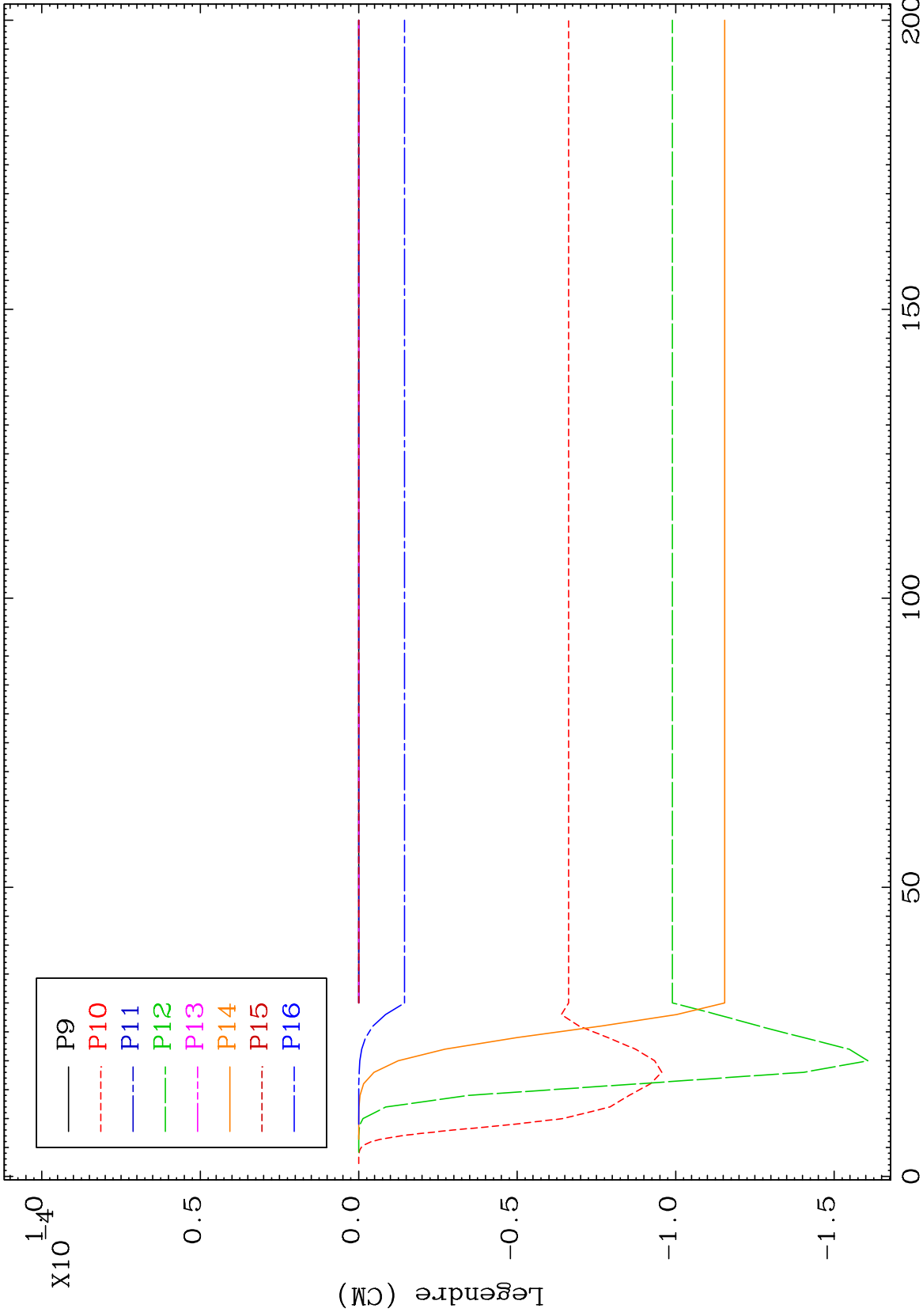


30-Zn-67

MAT 3034

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

30-Zn-67



61

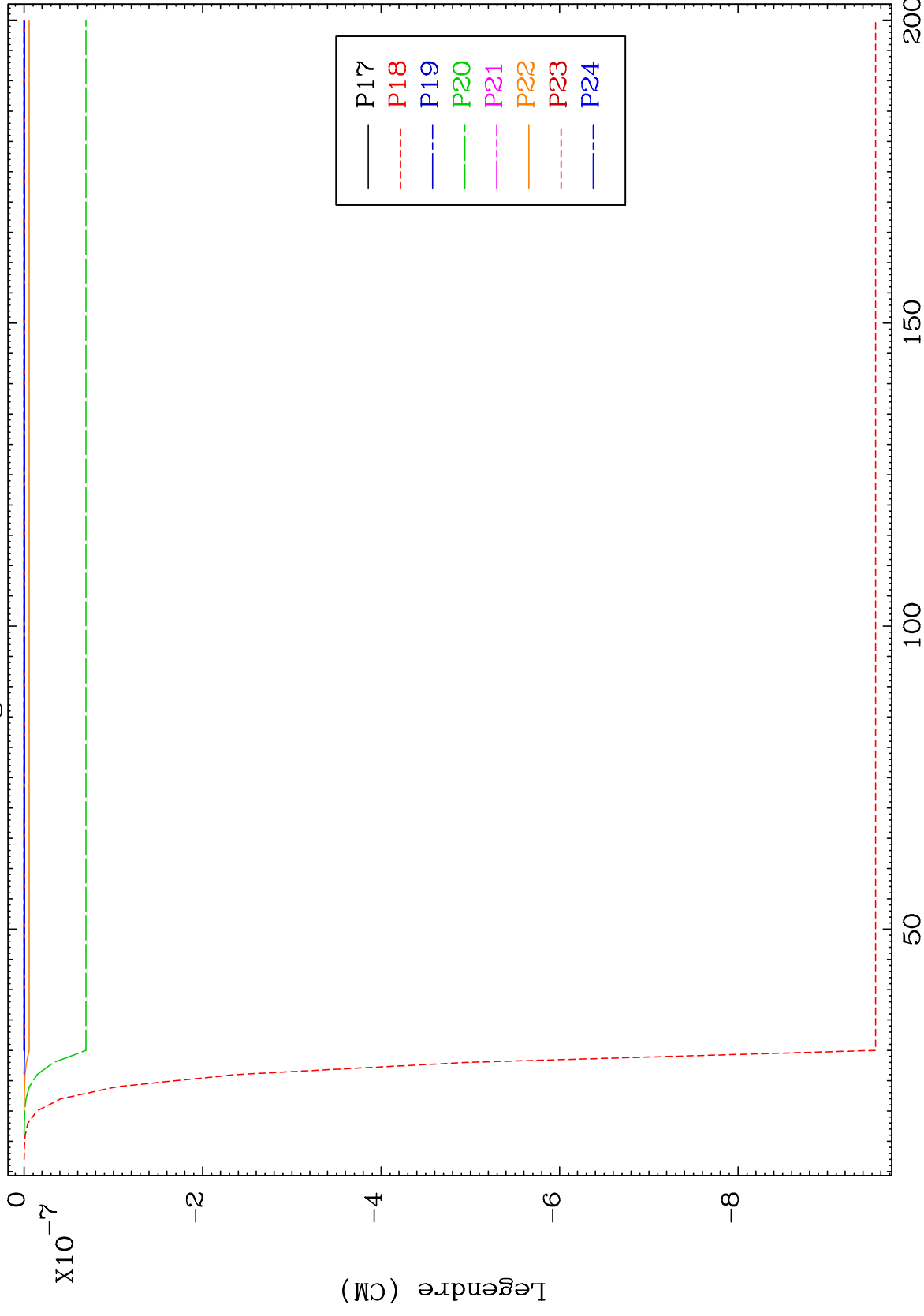
Incident Energy (MeV)

30-Zn-67

MAT 3034

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

30-Zn-67

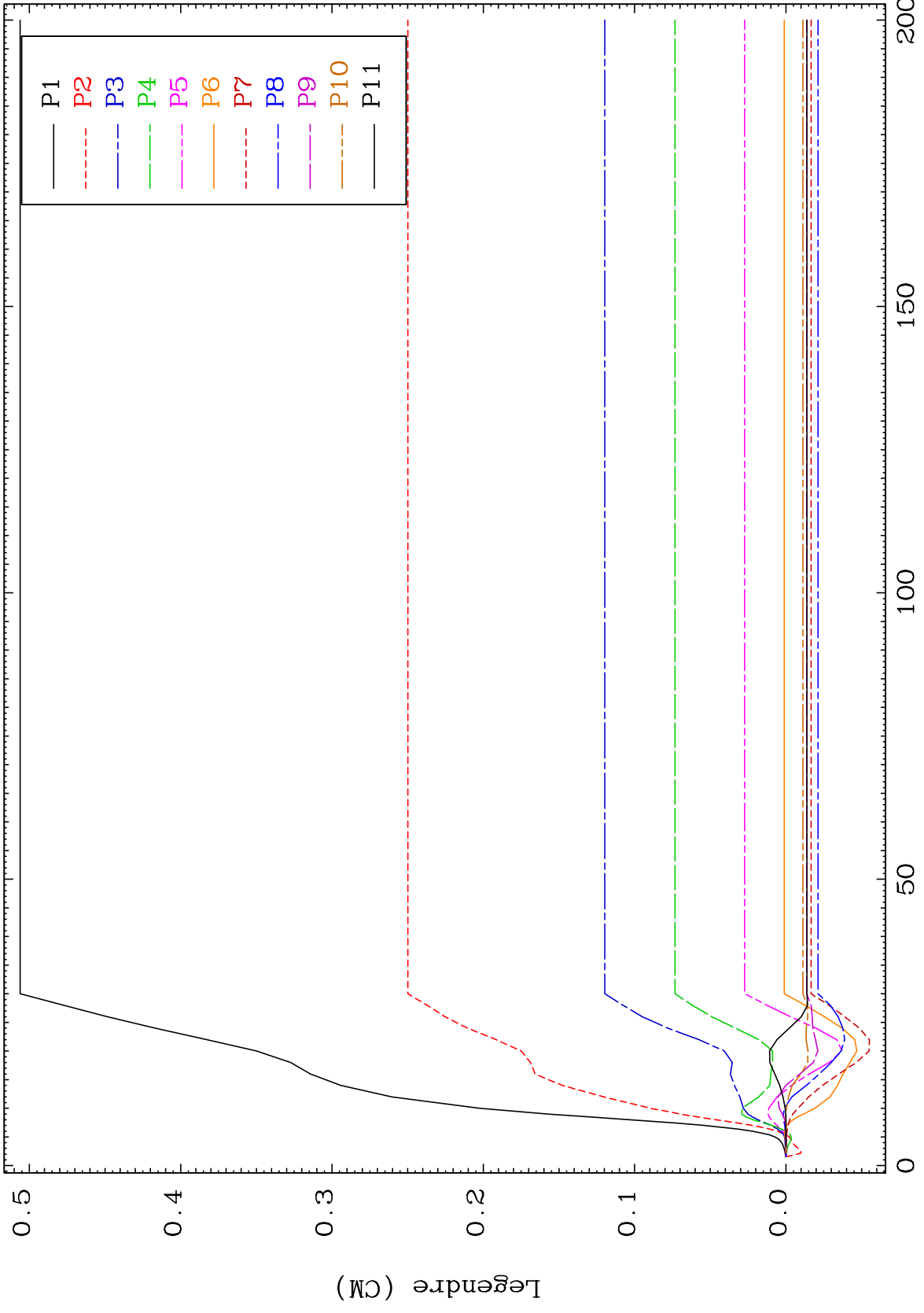


30-Zn-67

Incident Energy (MeV)

62

MAT 3034 MT= 65 (n,n') Level Legendre Coefficients 30-Zn-67

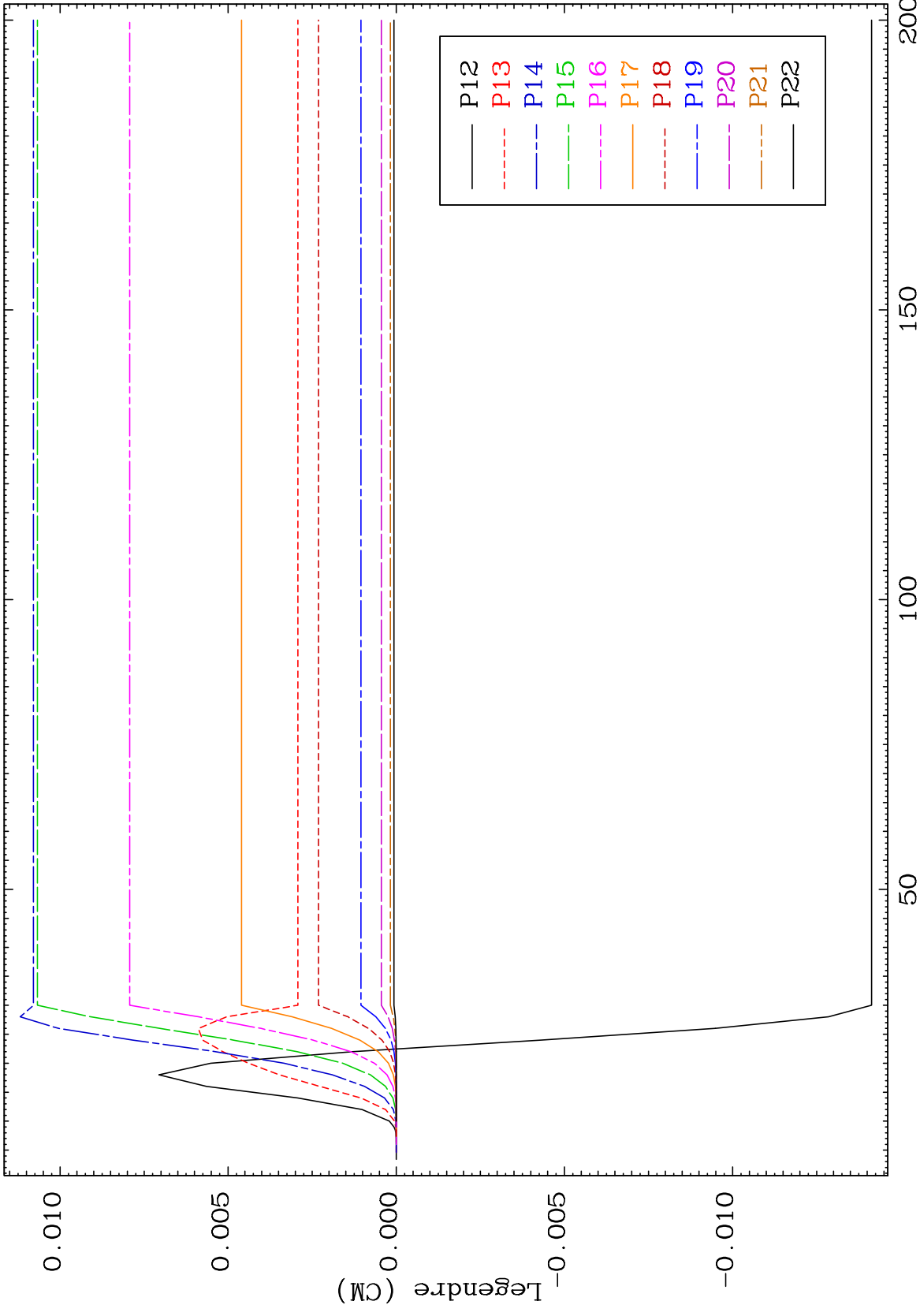


63 30-Zn-67

MAT 3034

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

30-Zn-67



64

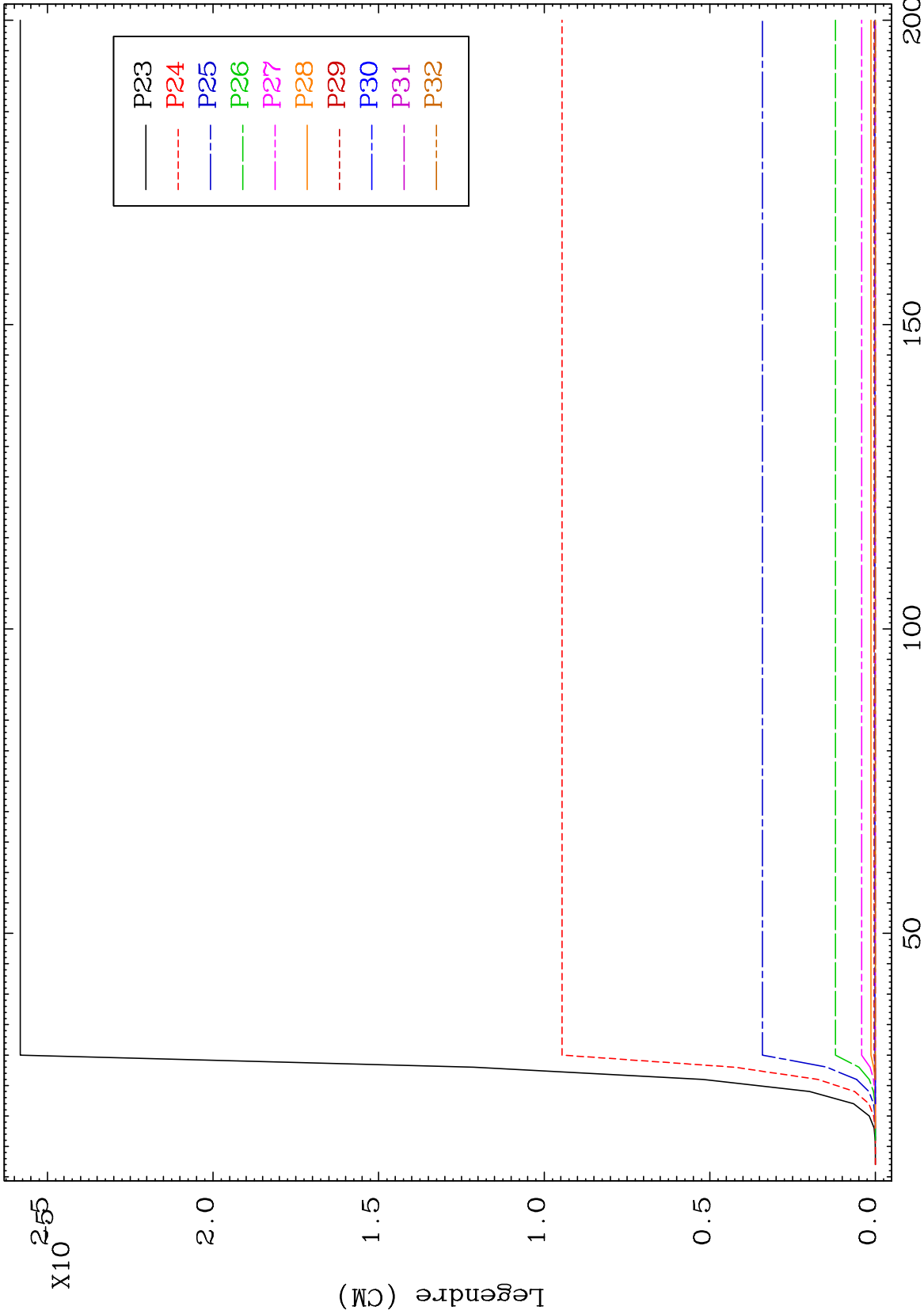
Incident Energy (MeV)

30-Zn-67

MAT 3034

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

30-Zn-67



65

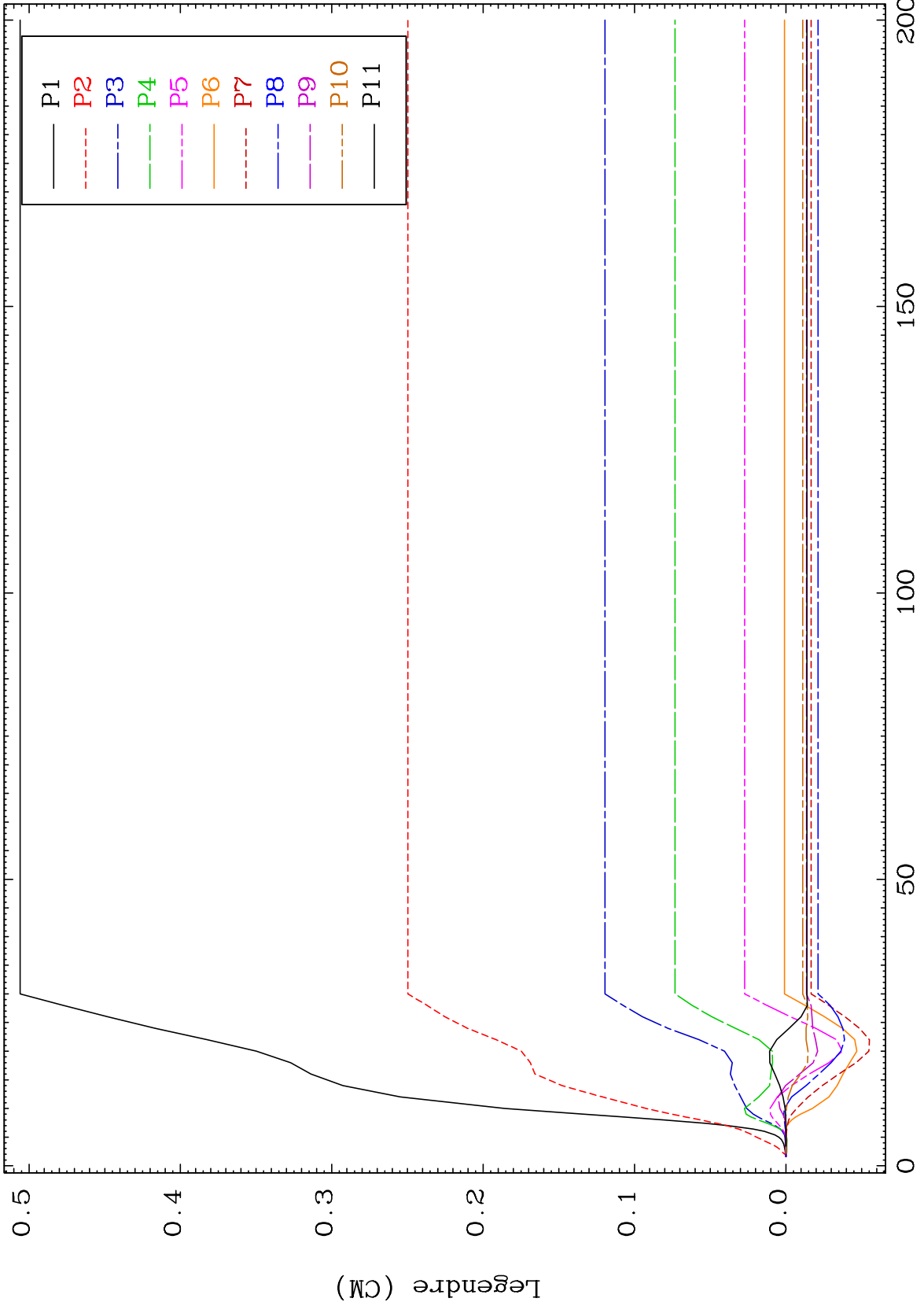
Incident Energy (MeV)

30-Zn-67

MAT 3034

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

30-Zn-67



66

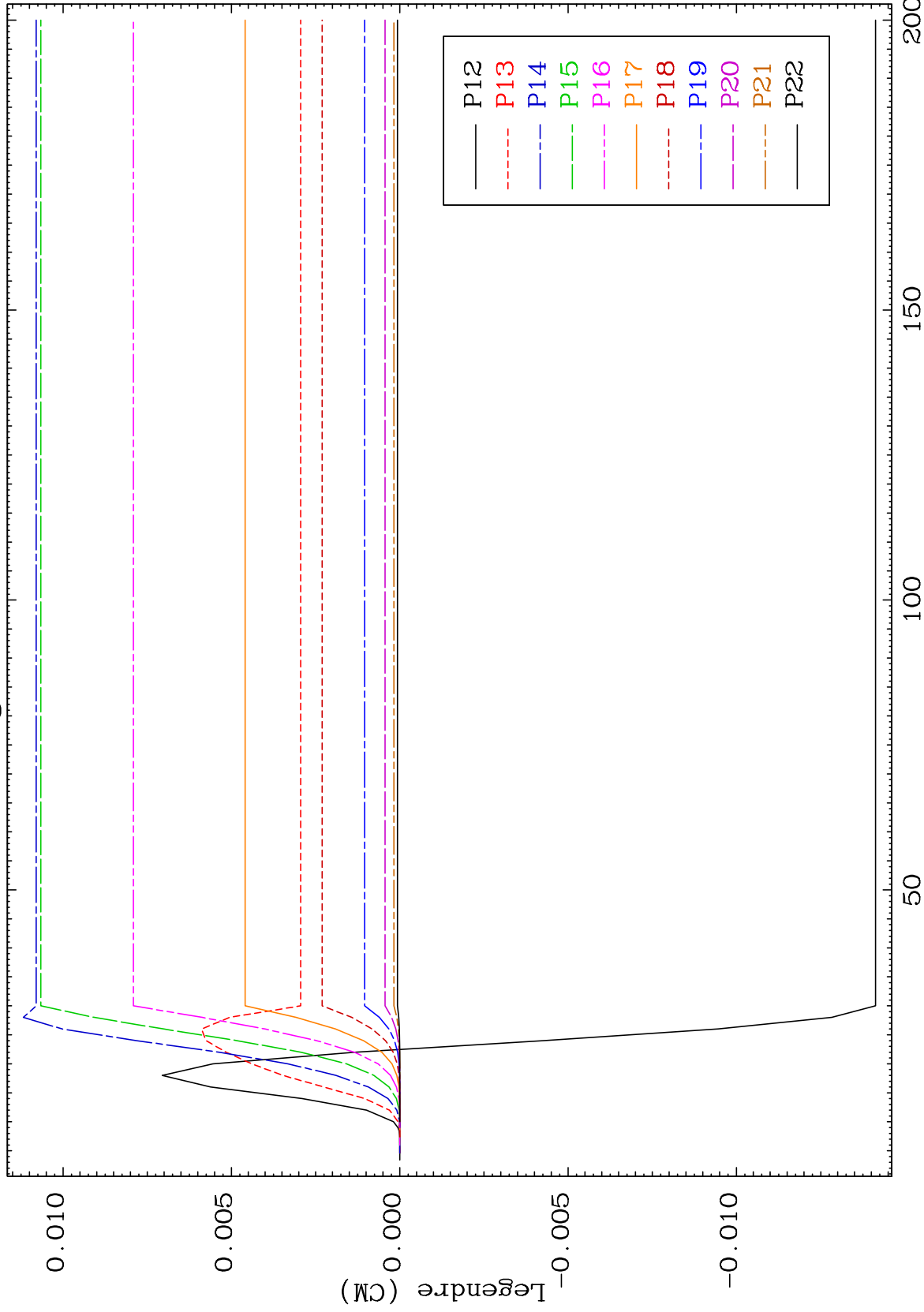
Incident Energy (MeV)

30-Zn-67

MAT 3034

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

30-Zn-67



67

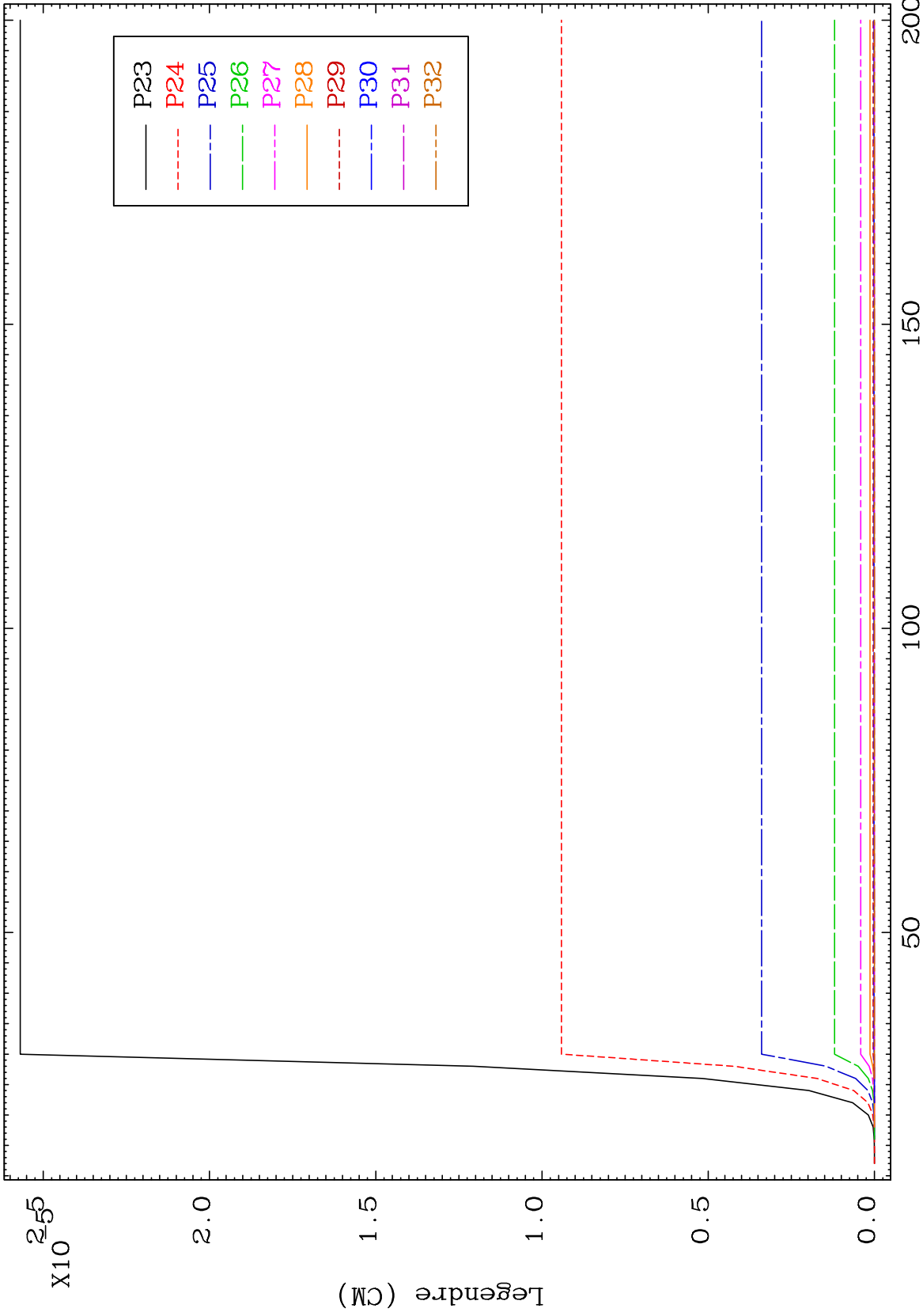
Incident Energy (MeV)

30-Zn-67

MAT 3034

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

30-Zn-67



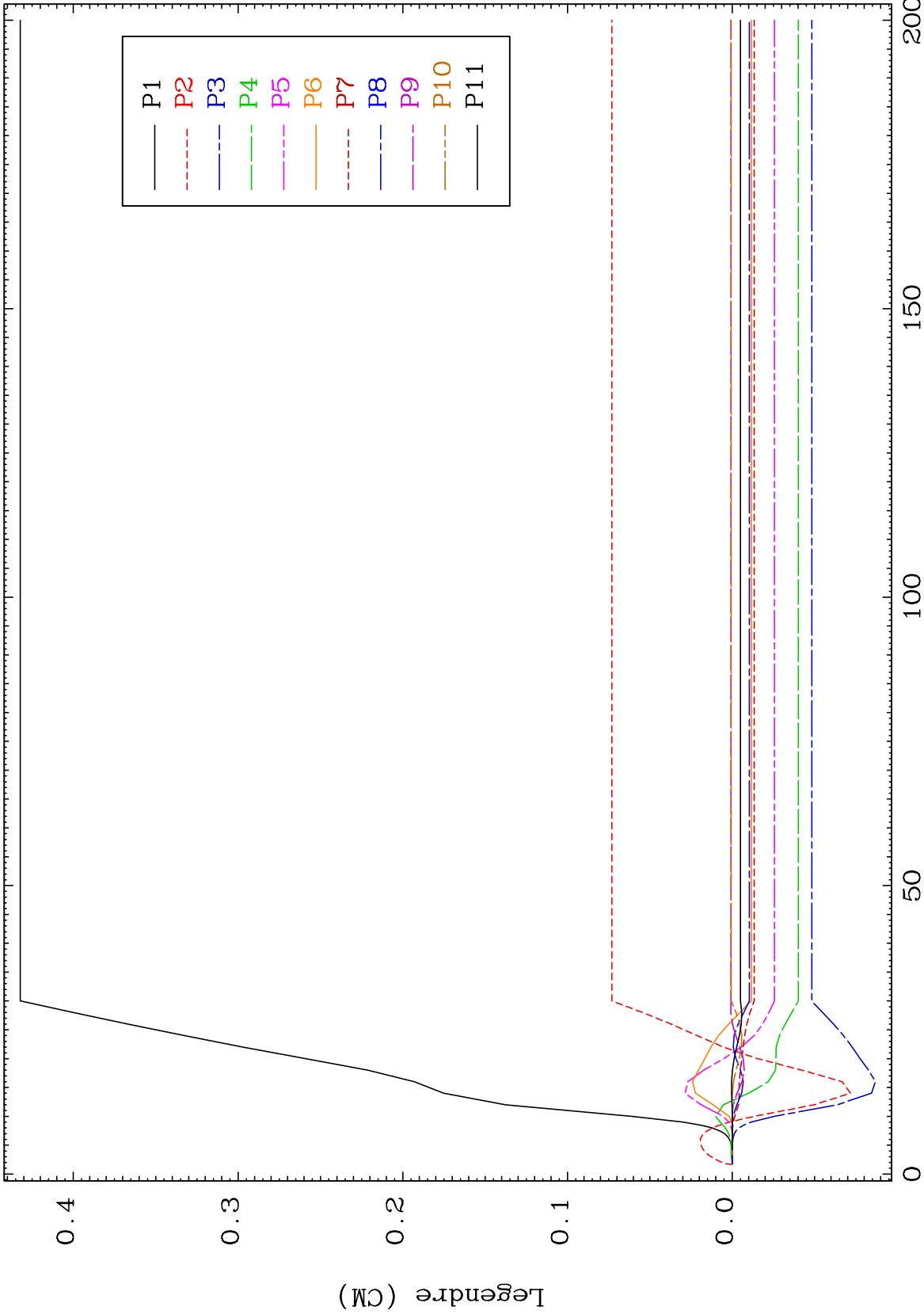
68

30-Zn-67

MAT 3034

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

30-Zn-67

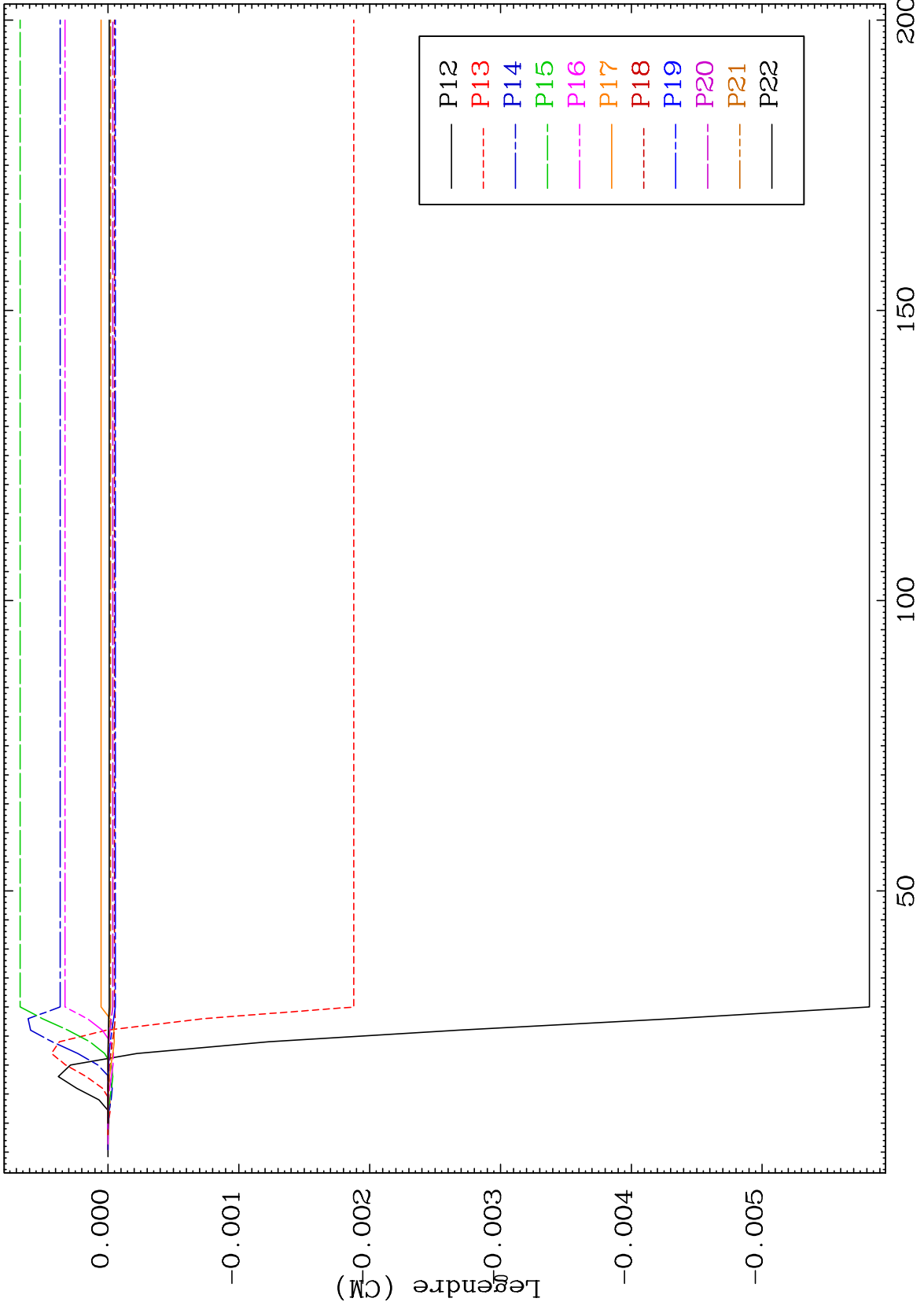


69

Incident Energy (MeV)

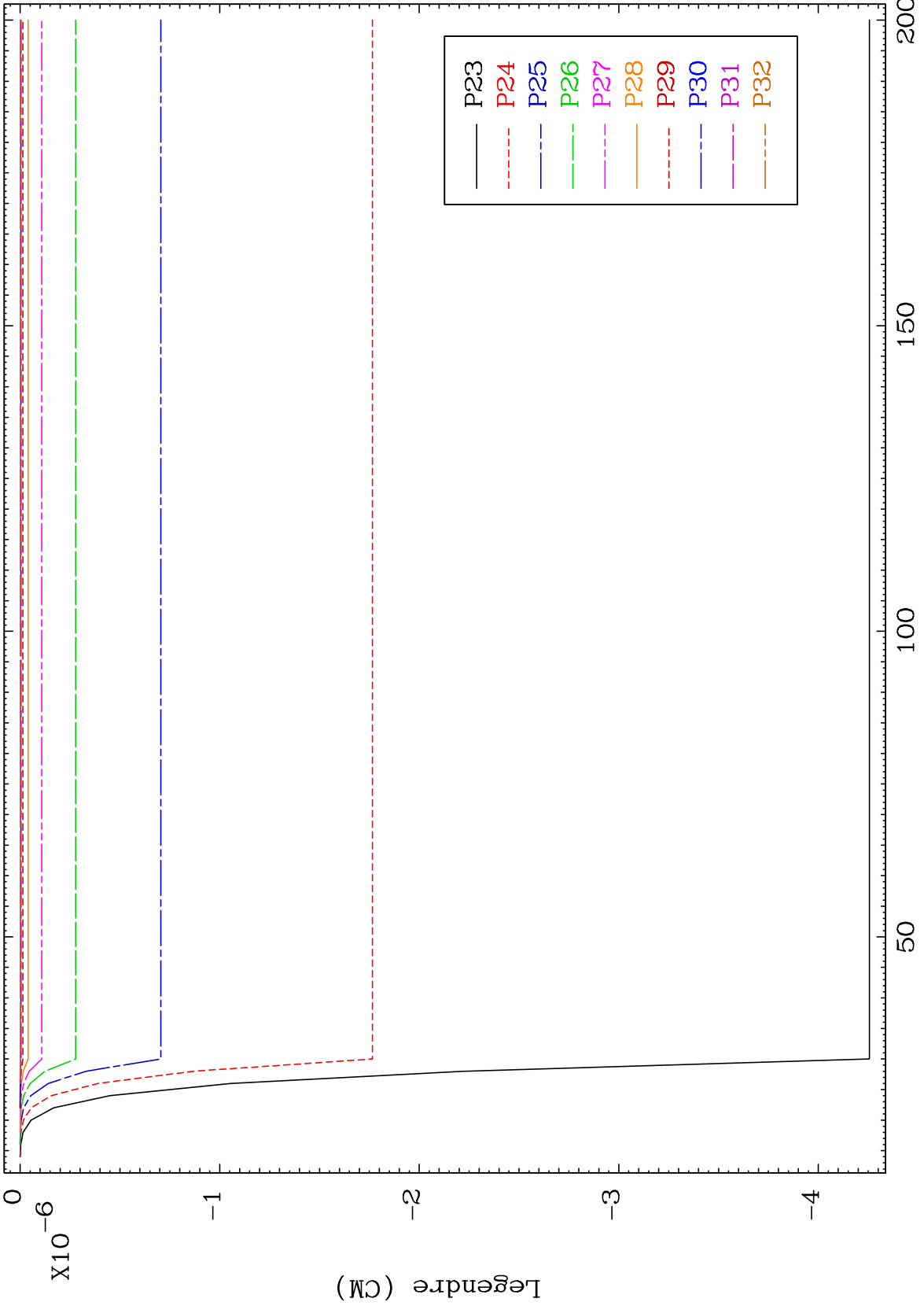
30-Zn-67

MAT 3034 MT= 67 (n,n') Level Legendre Coefficients 30-Zn-67



70 Incident Energy (MeV) 30-Zn-67

MAT 3034 MT= 67 (n,n') Level Legendre Coefficients 30-Zn-67

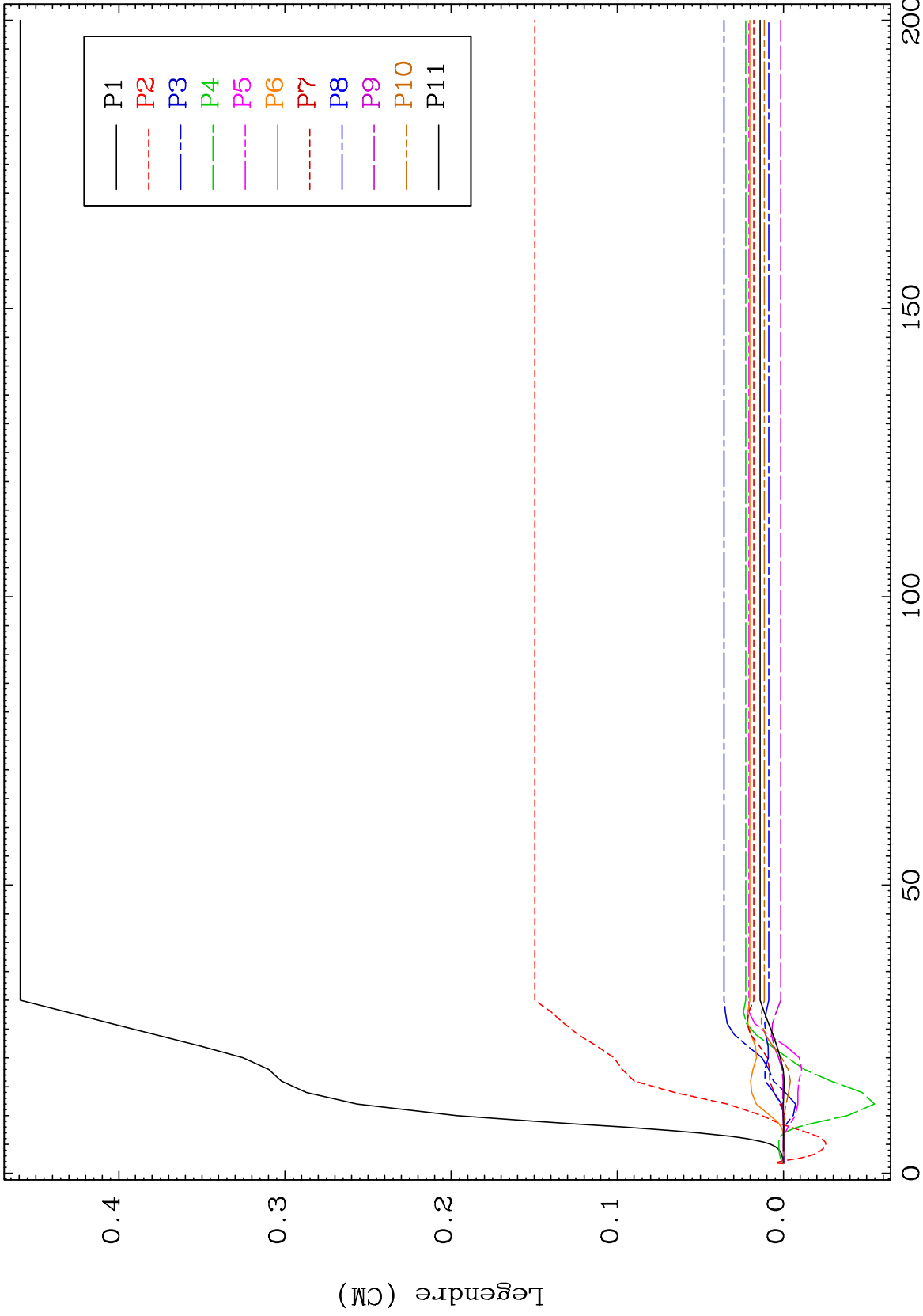


71 30-Zn-67

MAT 3034

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

30-Zn-67



72

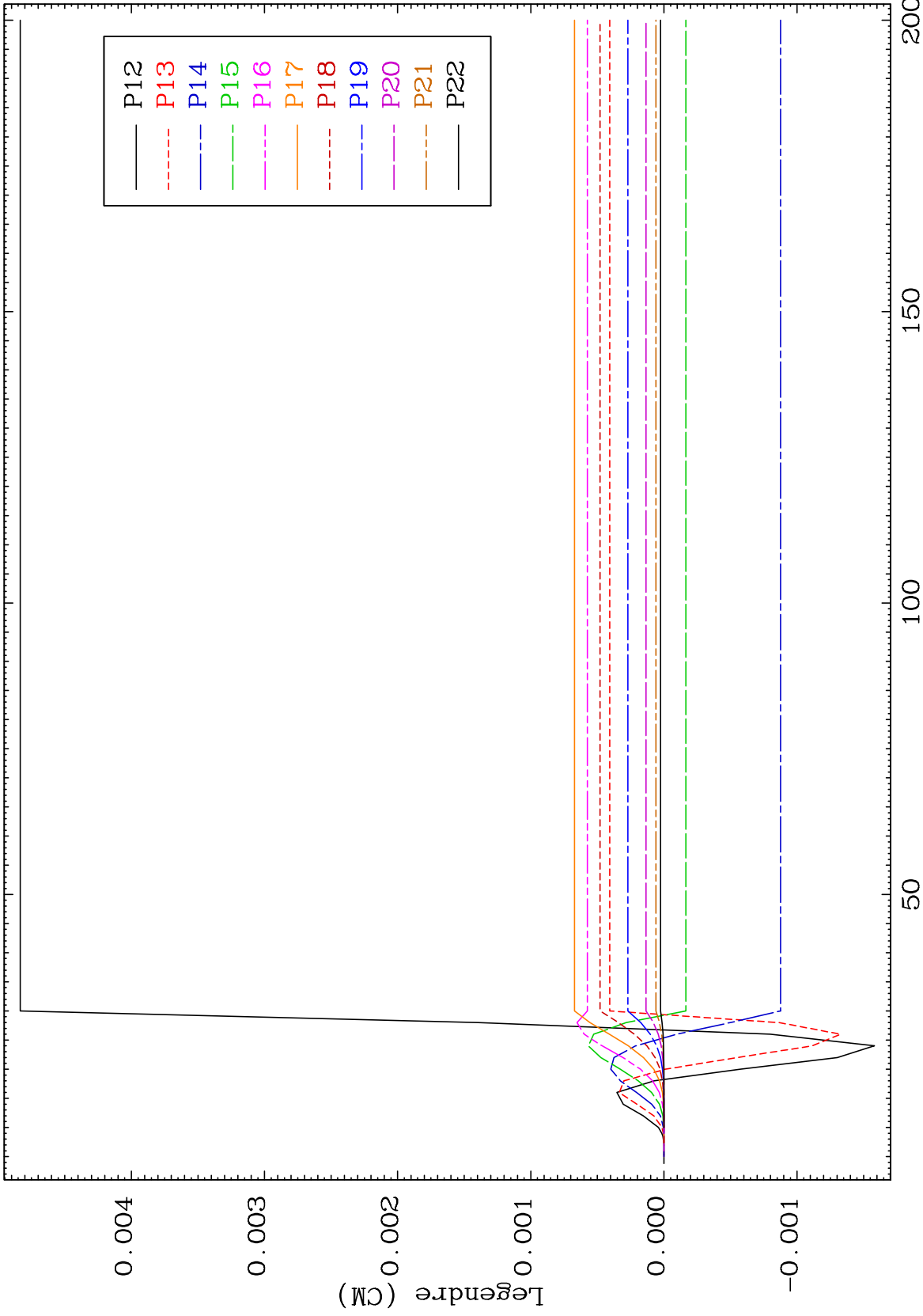
Incident Energy (MeV)

30-Zn-67

MAT 3034

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

30-Zn-67



73

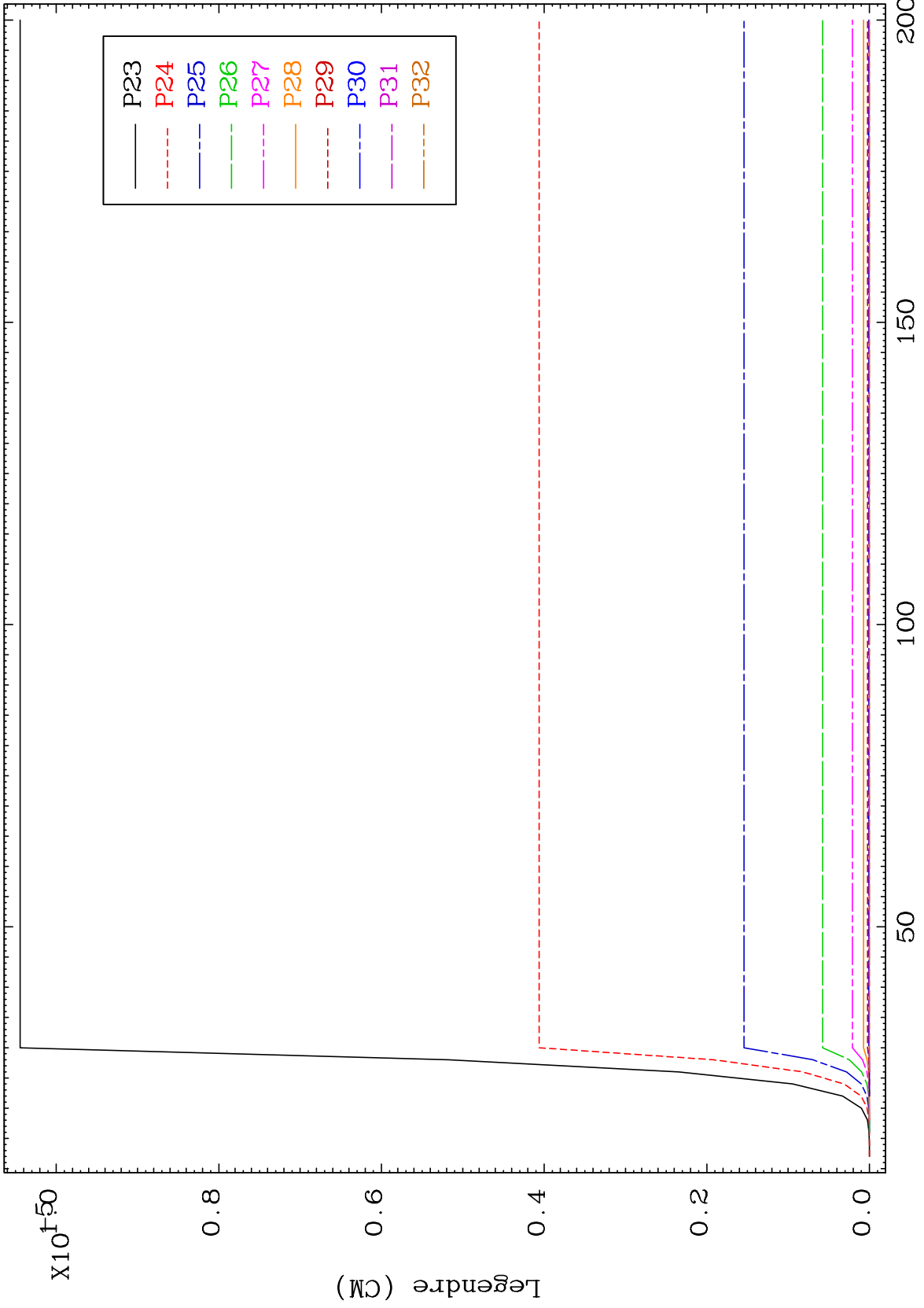
Incident Energy (MeV)

30-Zn-67

MAT 3034

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

30-Zn-67



74

Incident Energy (MeV)

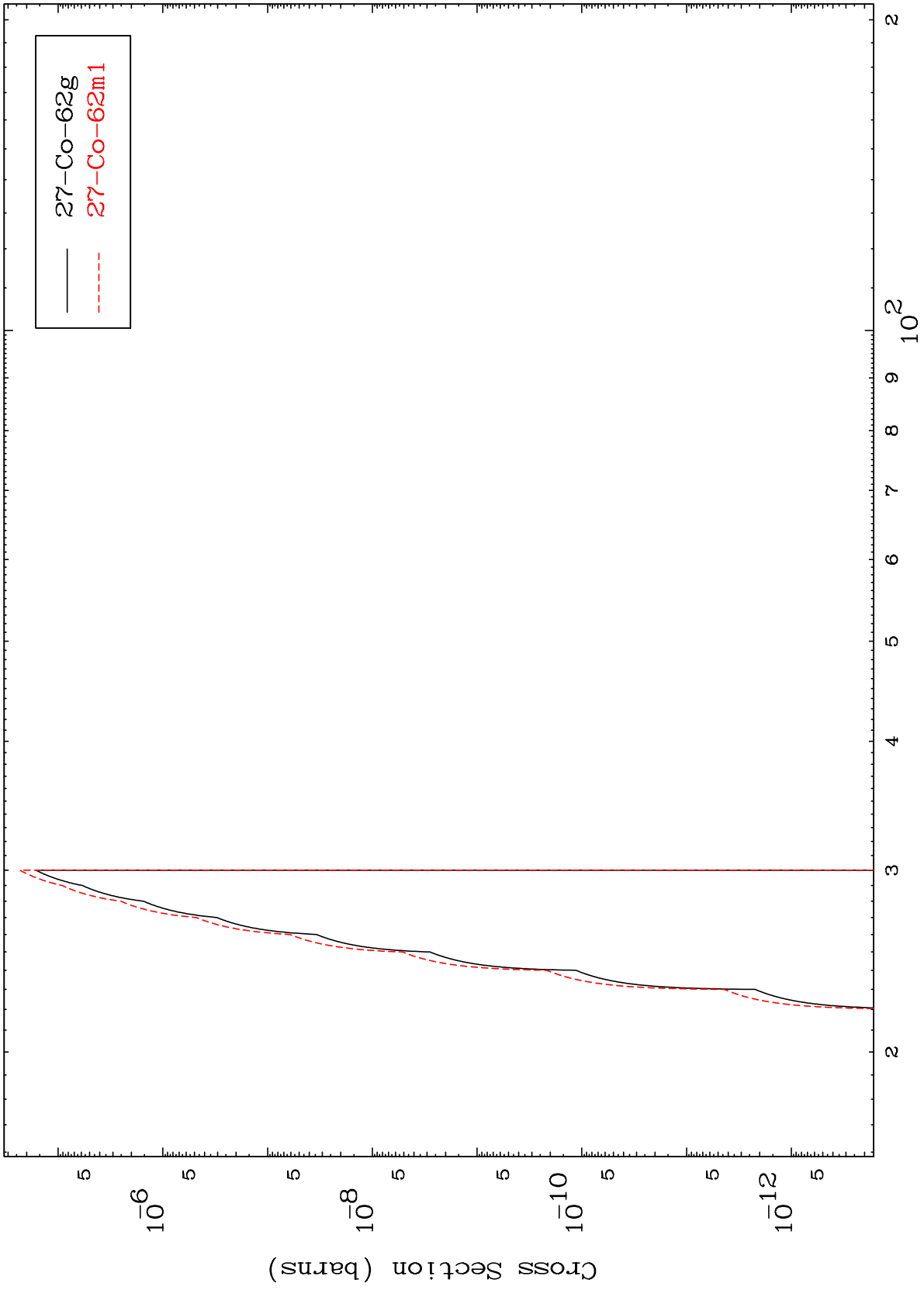
30-Zn-67

MAT 3034

(n,n') p α

30-Zn-67

Radionuclide Production Cross Section



75

Incident Energy (MeV)

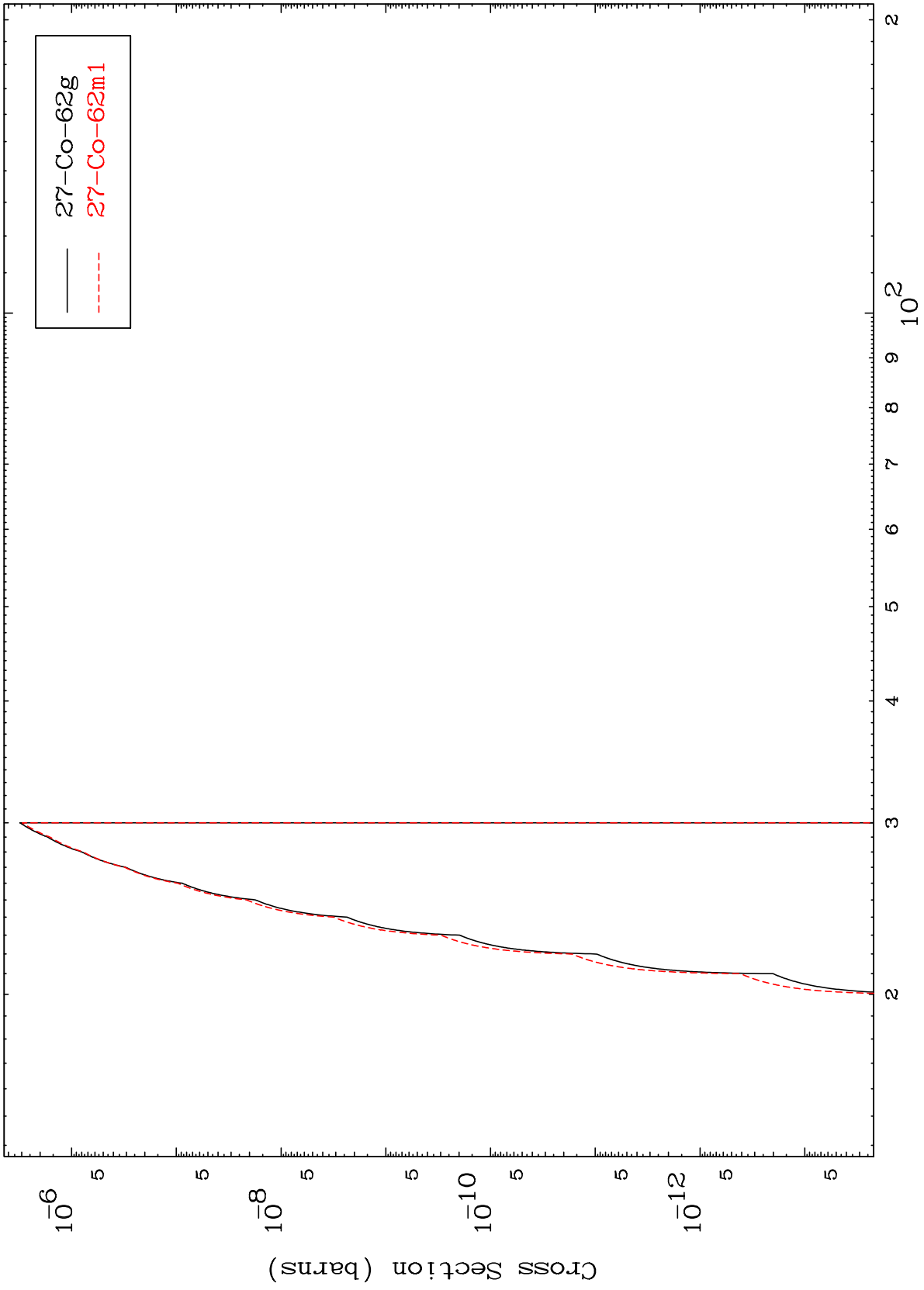
30-Zn-67

MAT 3034

$(n,d) \alpha$

30-Zn-67

Radionuclide Production Cross Section



76

Incident Energy (MeV)

30-Zn-67