

Program EVALPLOT
(Version 2018-1)

by

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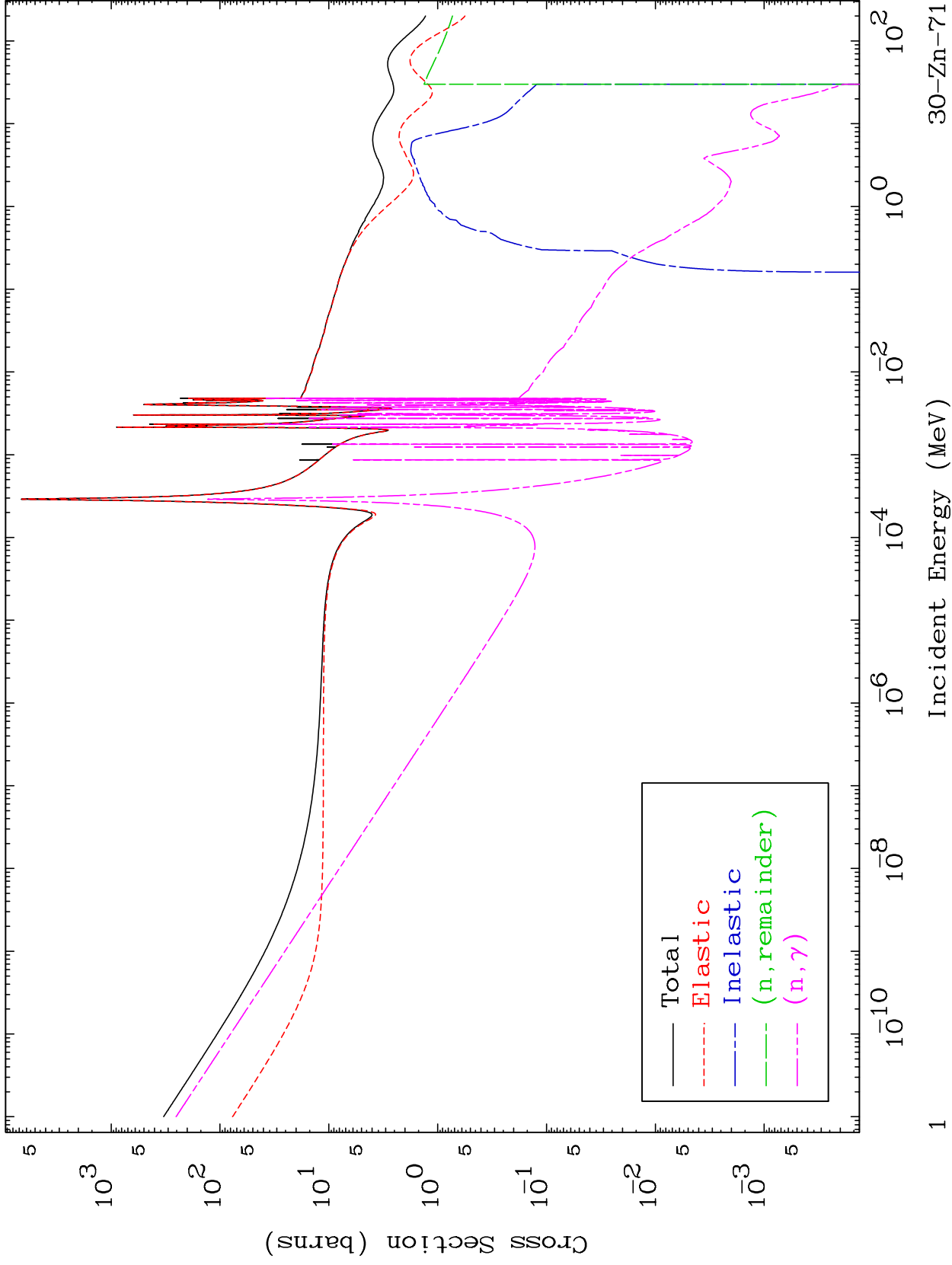
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Press Mouse Button to Start

MAT 3046

Major
293 Kelvin Cross Sections

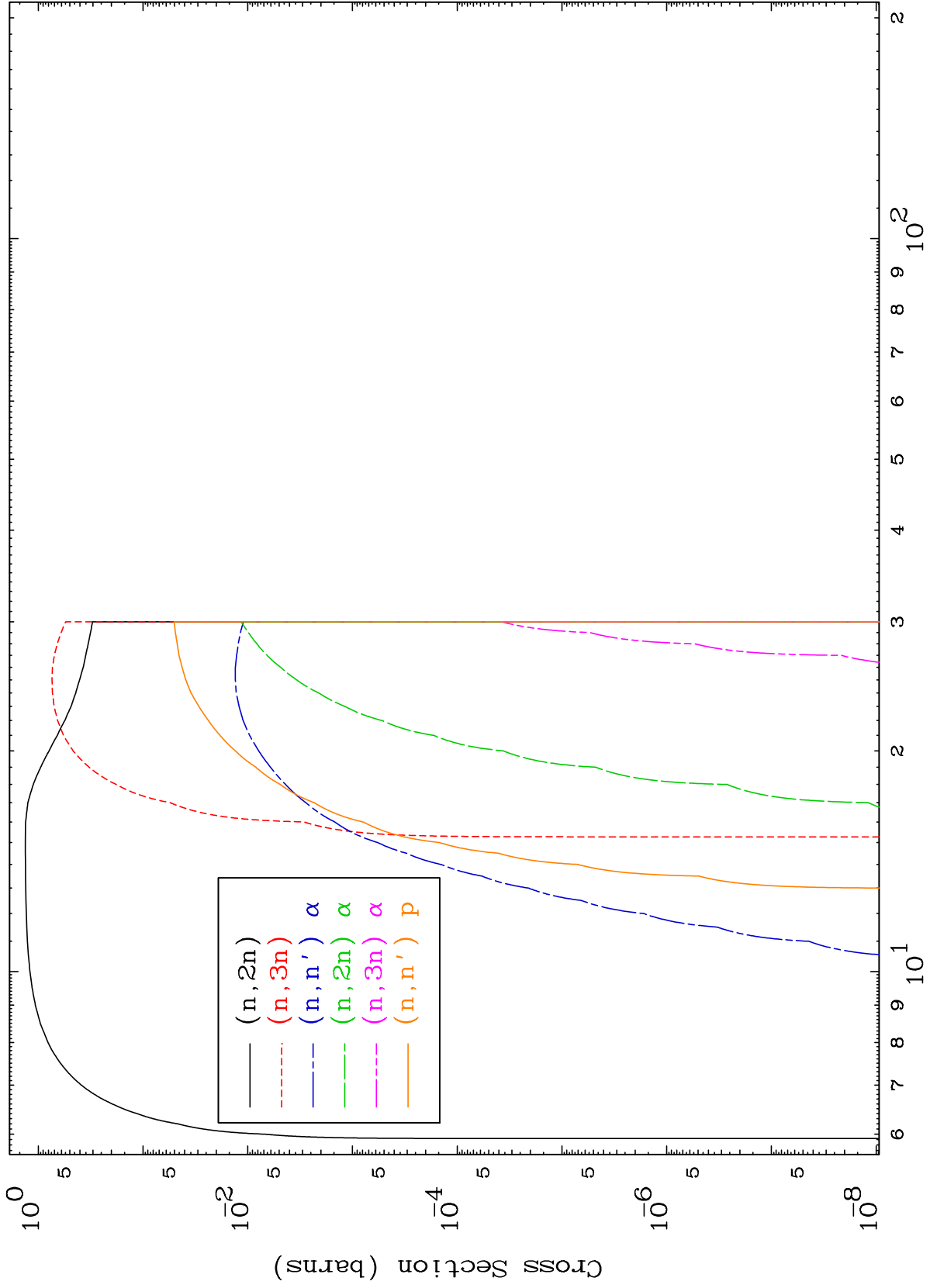
30-Zn-71



MAT 3046

Neutron Production
293 Kelvin Cross Sections

30-Zn-71



2

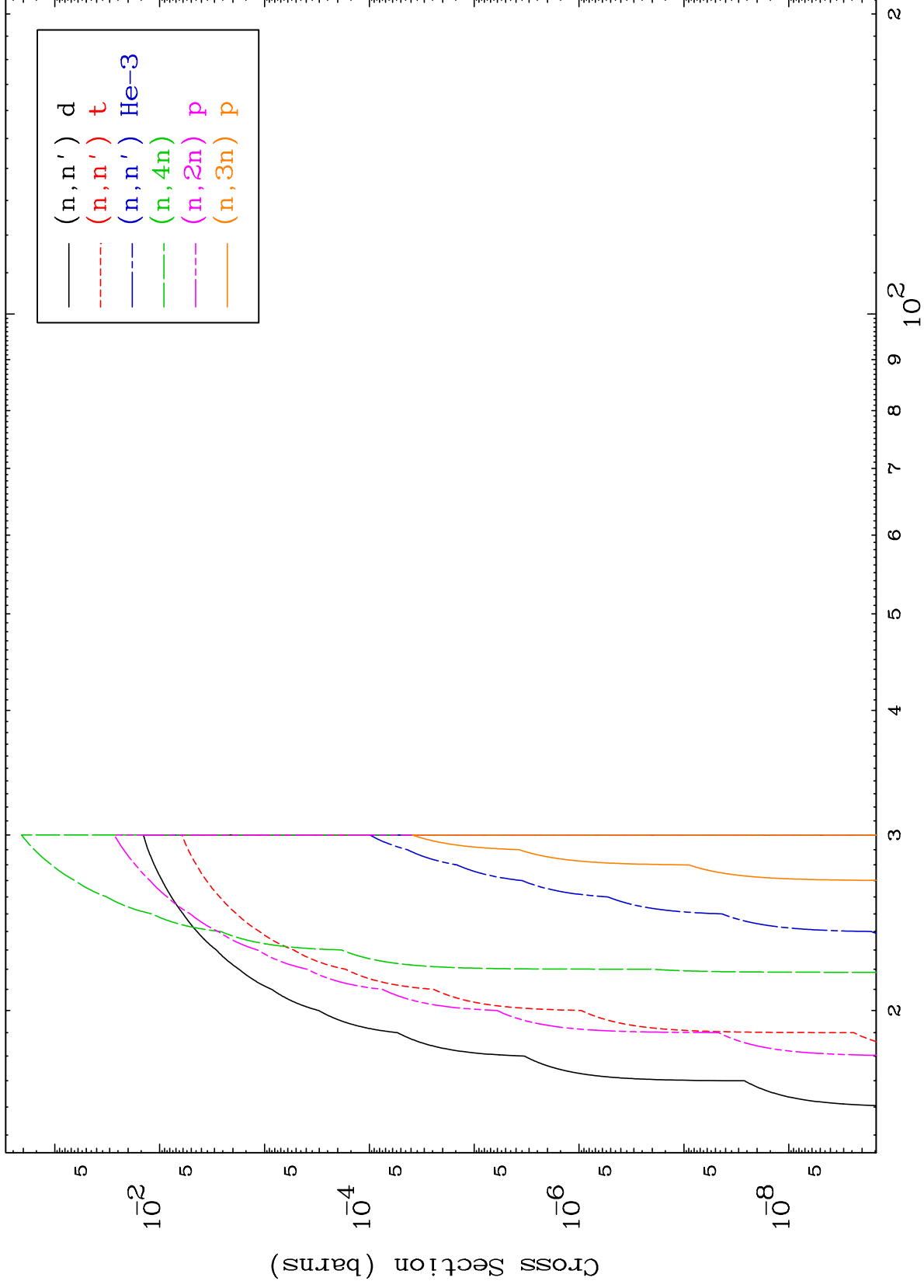
Incident Energy (MeV)

30-Zn-71

MAT 3046

Neutron Production
293 Kelvin Cross Sections

30-Zn-71



3

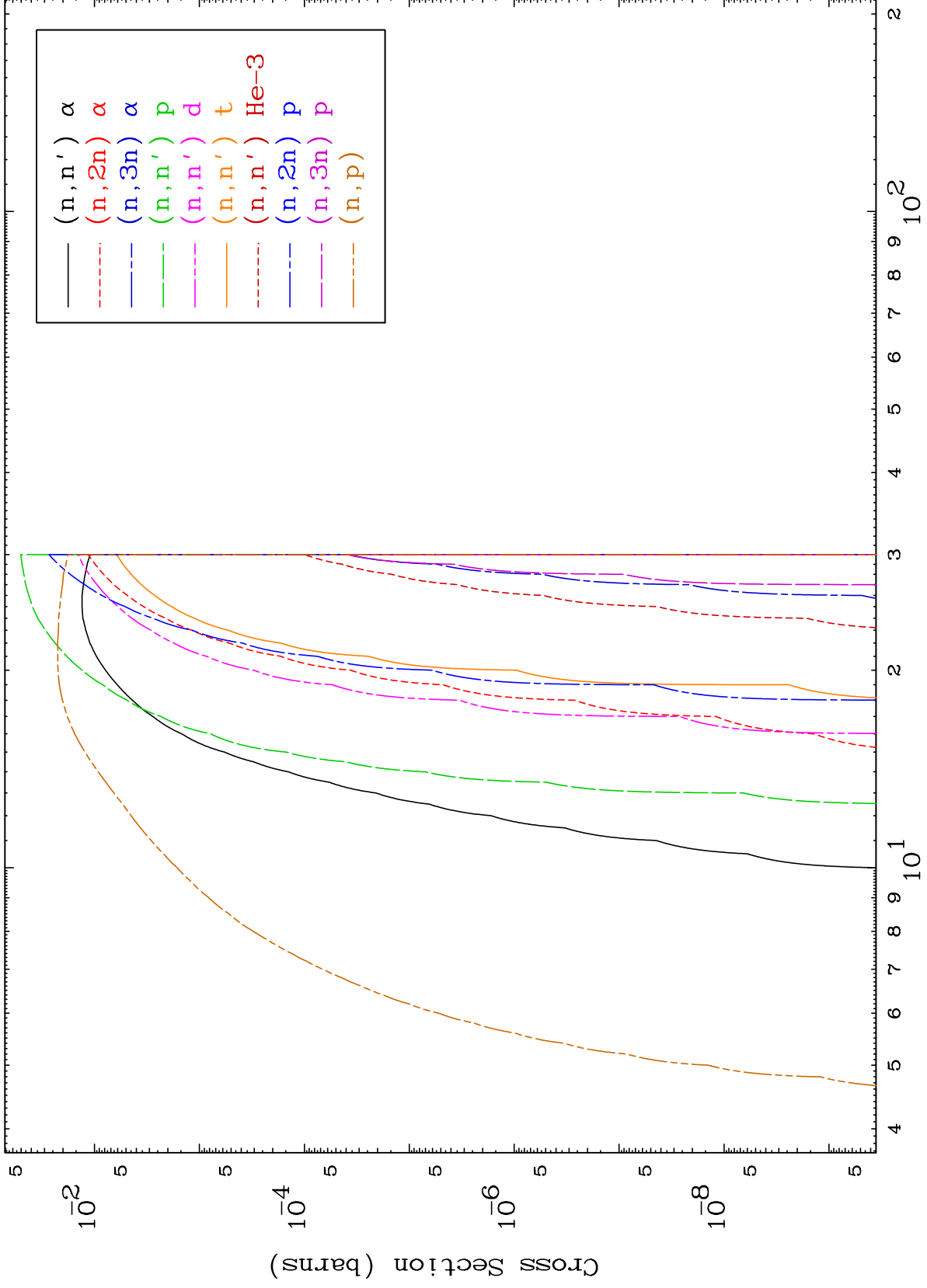
Incident Energy (MeV)

30-Zn-71

MAT 3046

Charged Particle
293 Kelvin Cross Sections

30-Zn-71



4

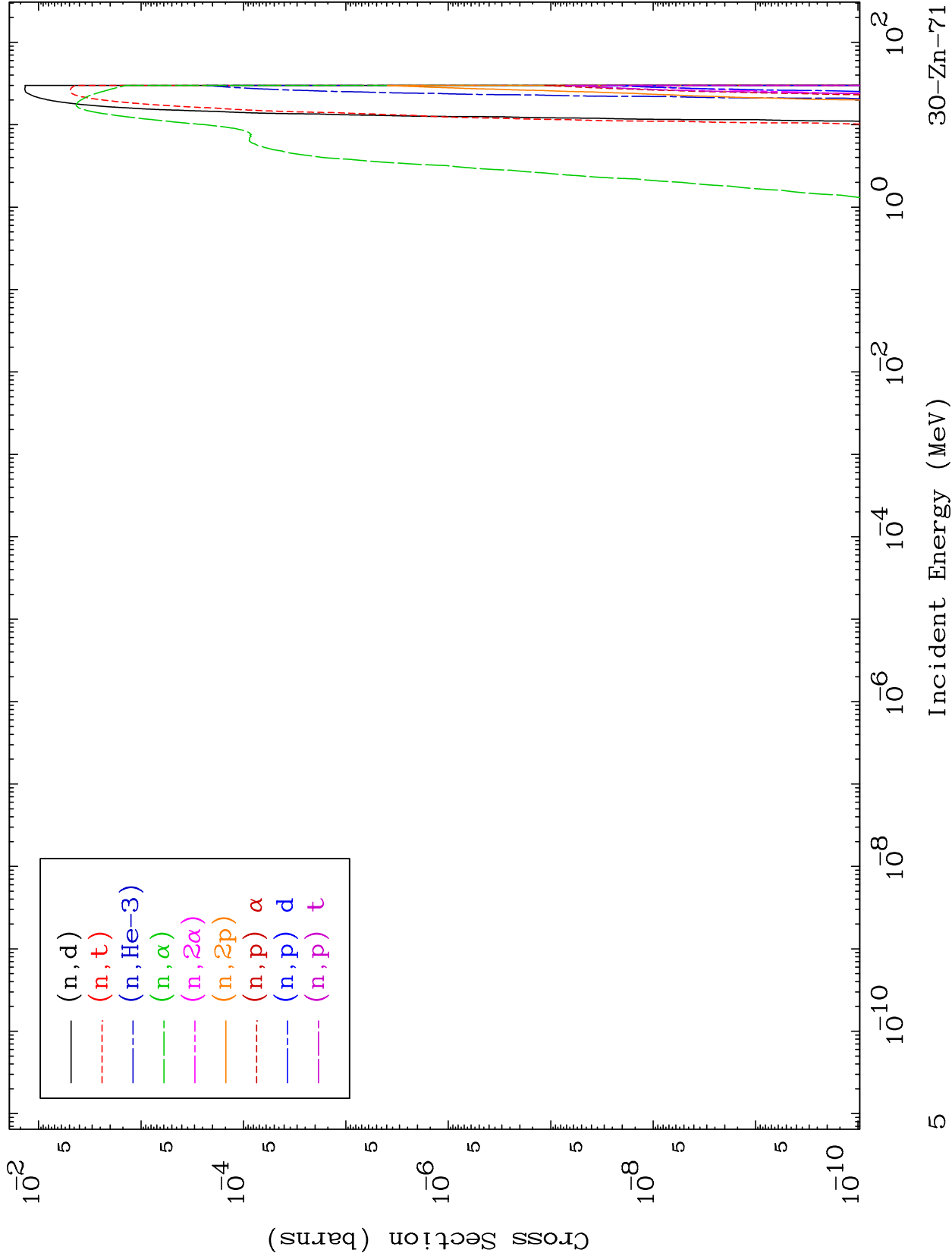
Incident Energy (MeV)

30-Zn-71

MAT 3046

Charged Particle
293 Kelvin Cross Sections

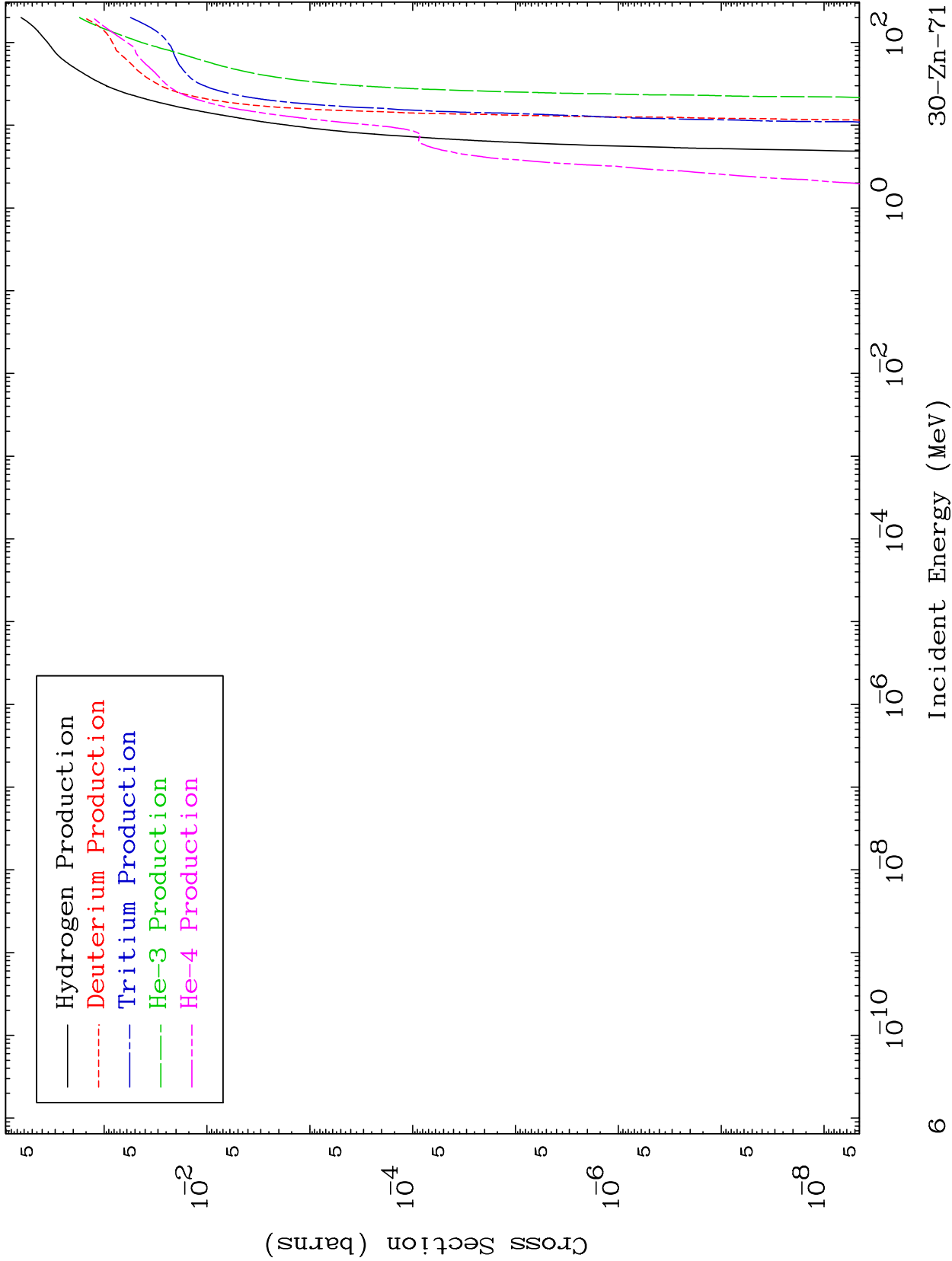
30-Zn-71



MAT 3046

Particle Production
293 Kelvin Cross Sections

30-Zn-71

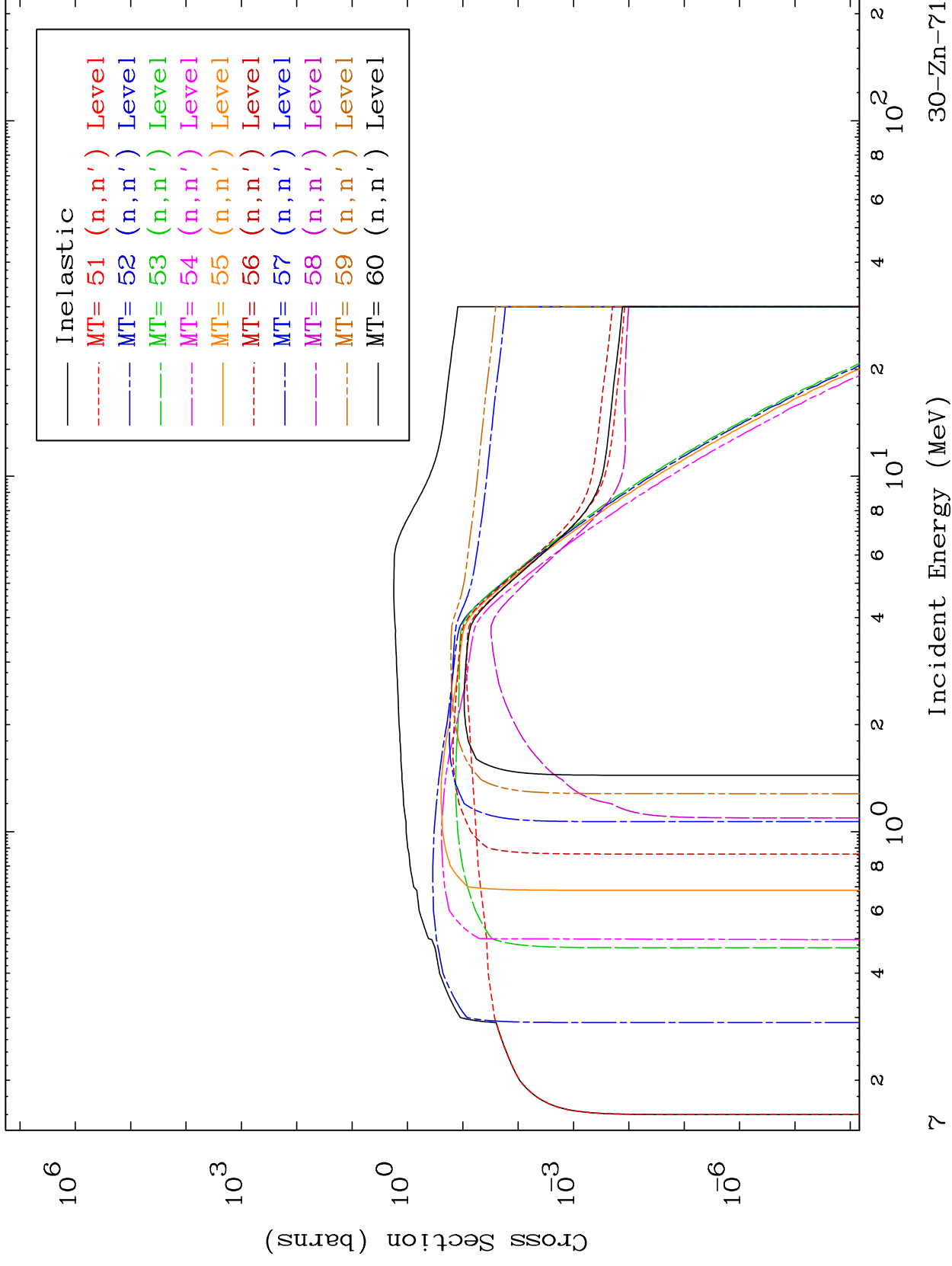


MAT 3046

(n,n') Level

30-Zn-71

293 Kelvin Cross Sections

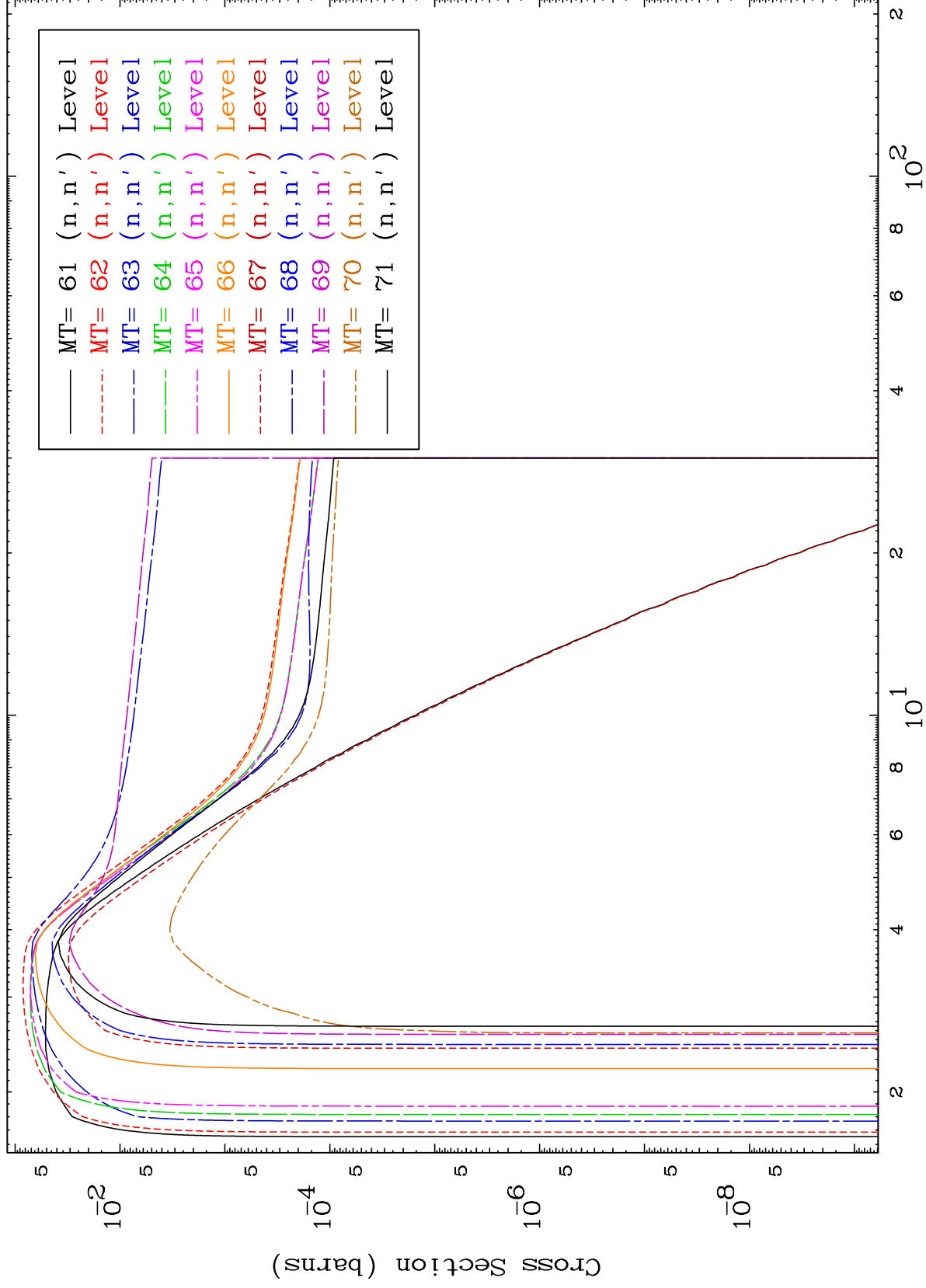


MAT 3046

(n,n') Level

30-Zn-71

293 Kelvin Cross Sections



8

Incident Energy (MeV)

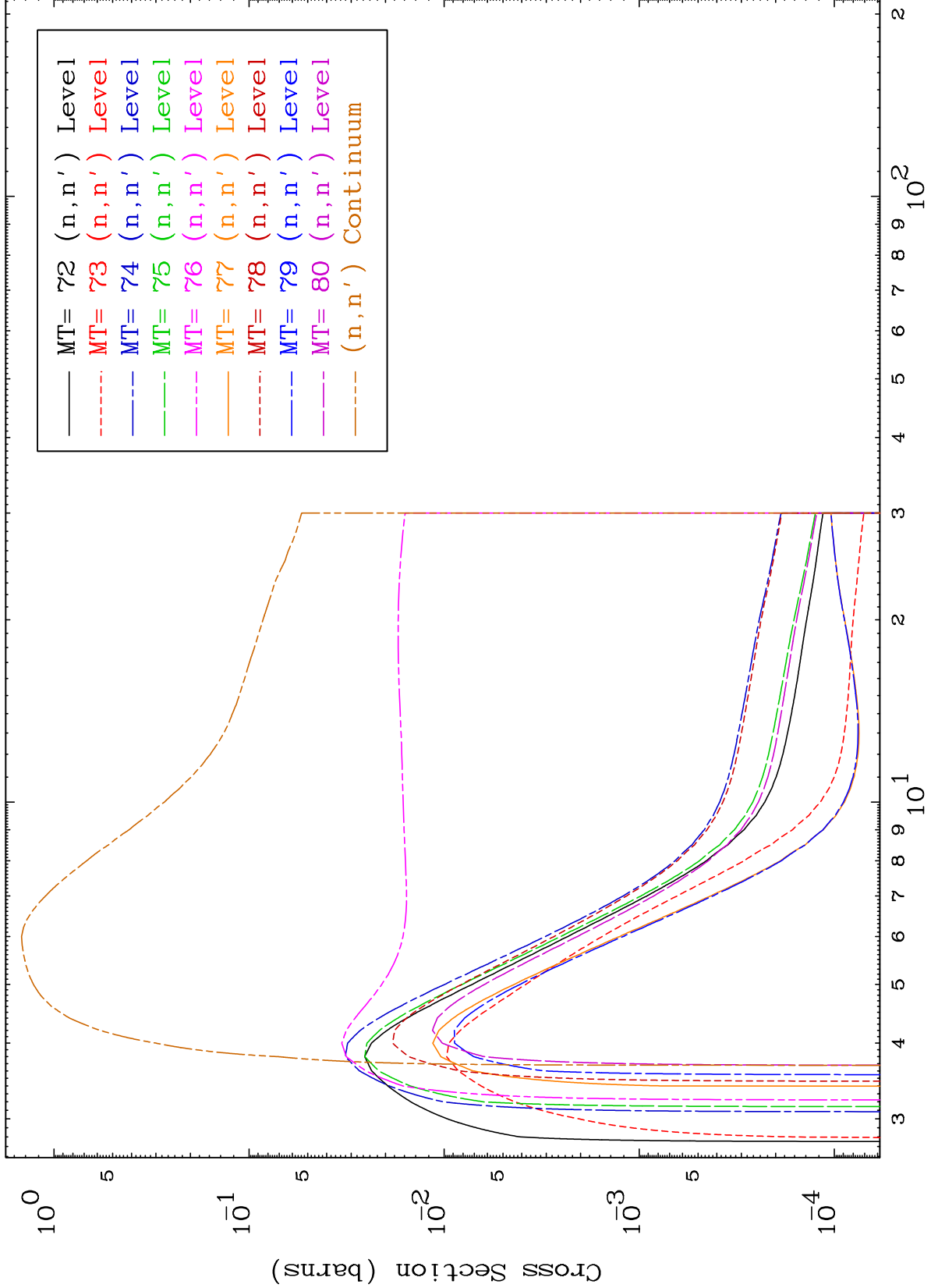
30-Zn-71

MAT 3046

(n,n') Level

30-Zn-71

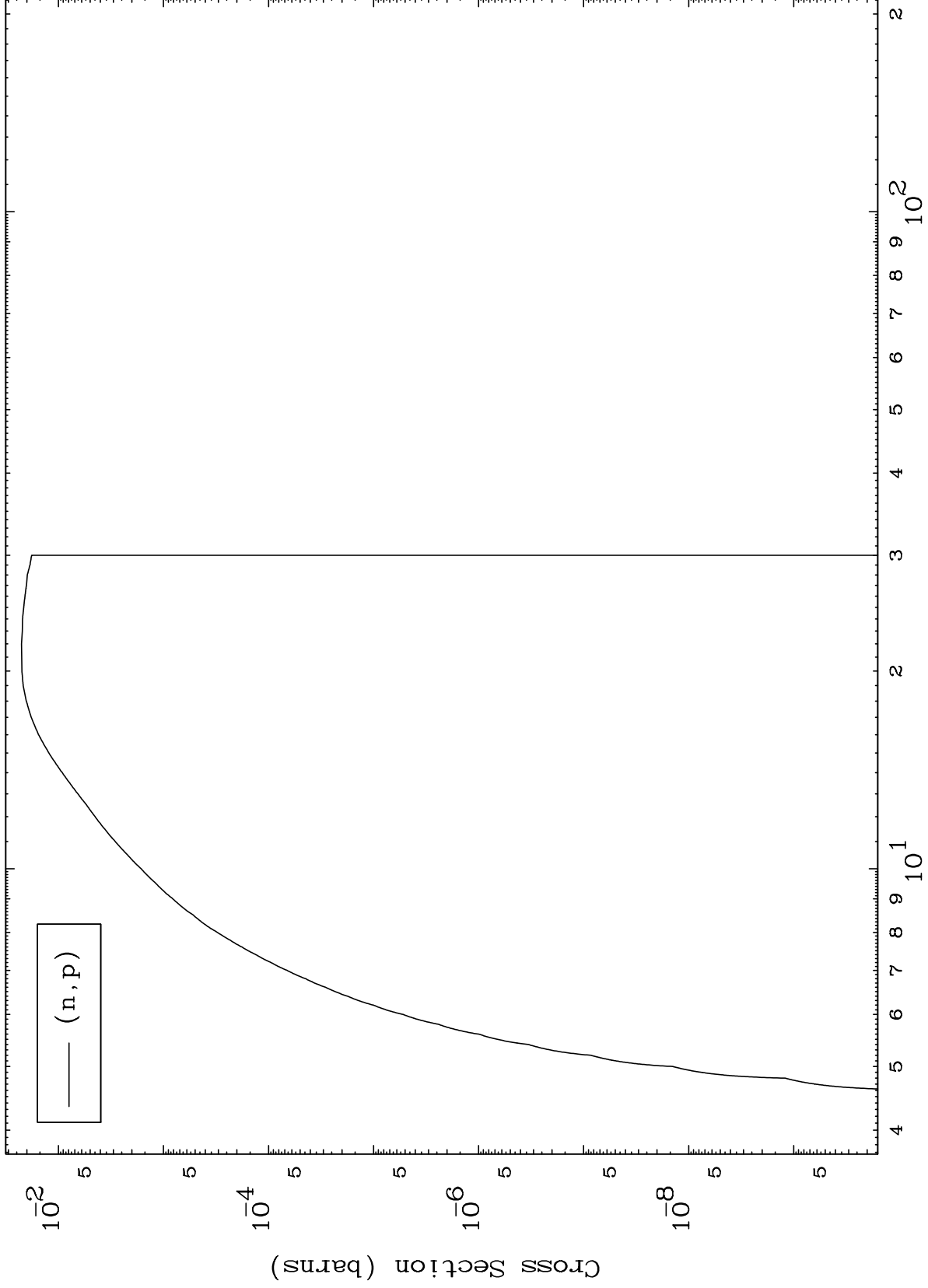
293 Kelvin Cross Sections



MAT 3046

(n,p) Levels
293 Kelvin Cross Sections

30-Zn-71



10

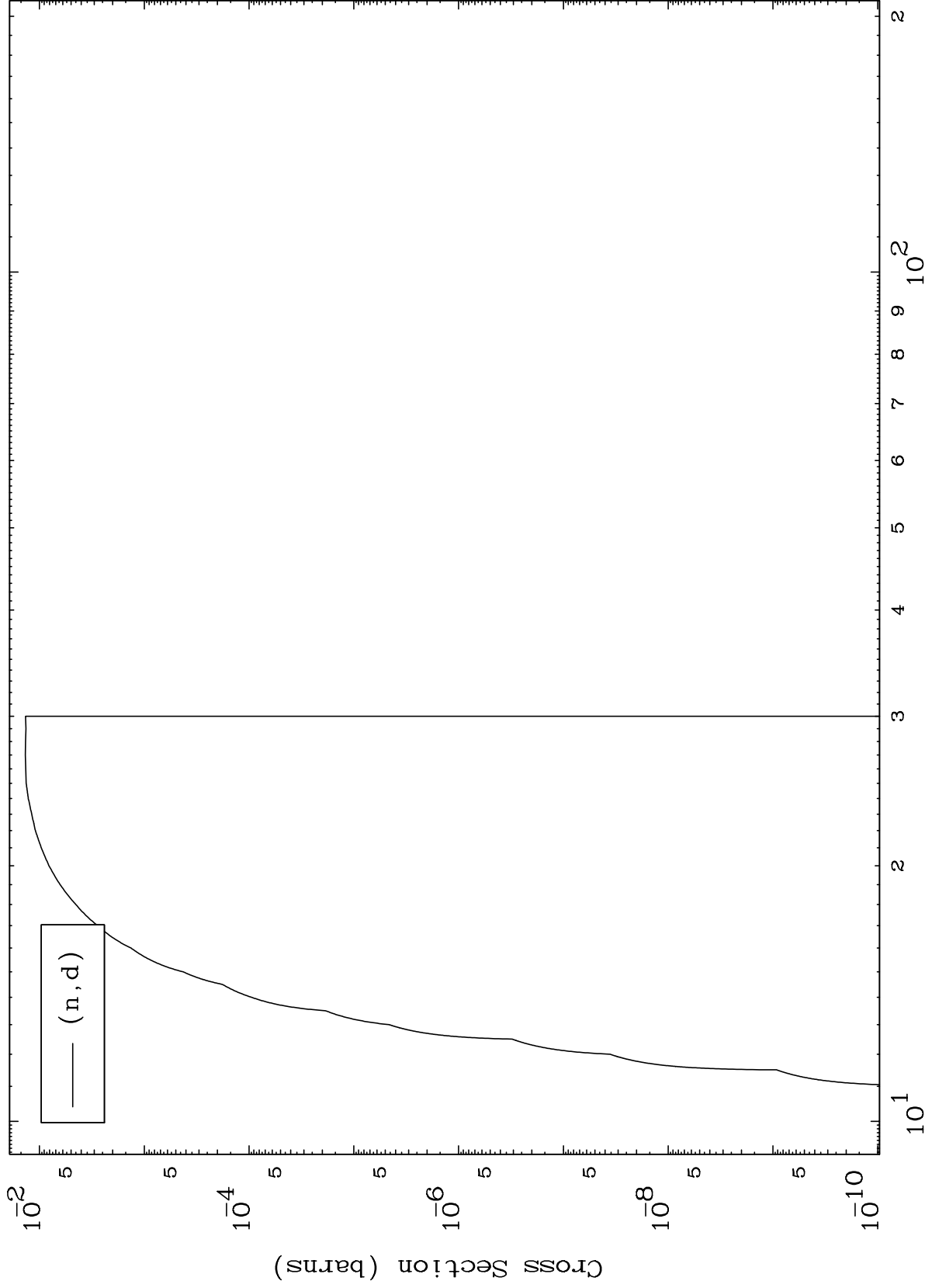
Incident Energy (MeV)

30-Zn-71

MAT 3046

(n,d) Levels
293 Kelvin Cross Sections

30-Zn-71



11

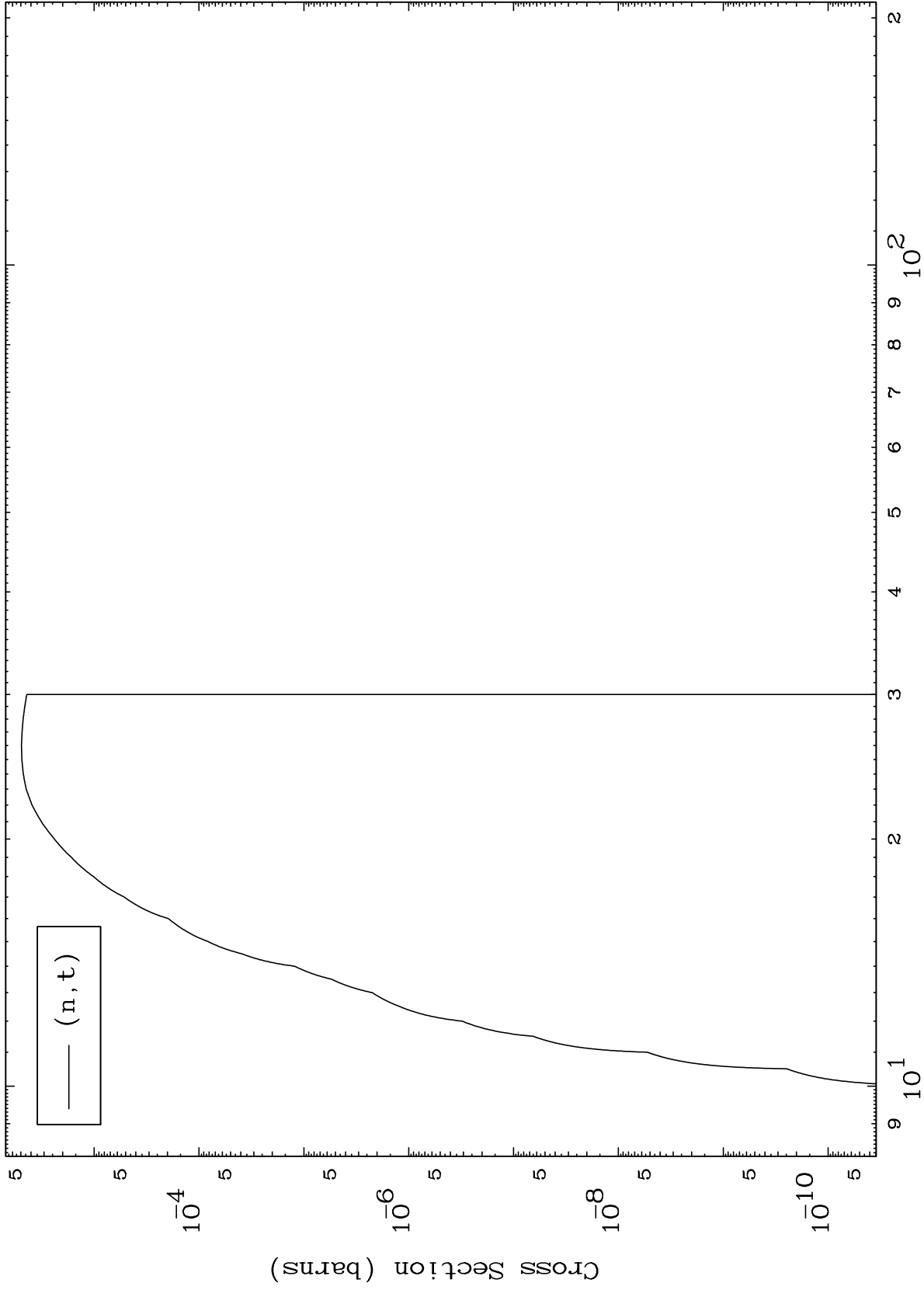
Incident Energy (MeV)

30-Zn-71

MAT 3046

(n,t) Levels
293 Kelvin Cross Sections

30-Zn-71



12

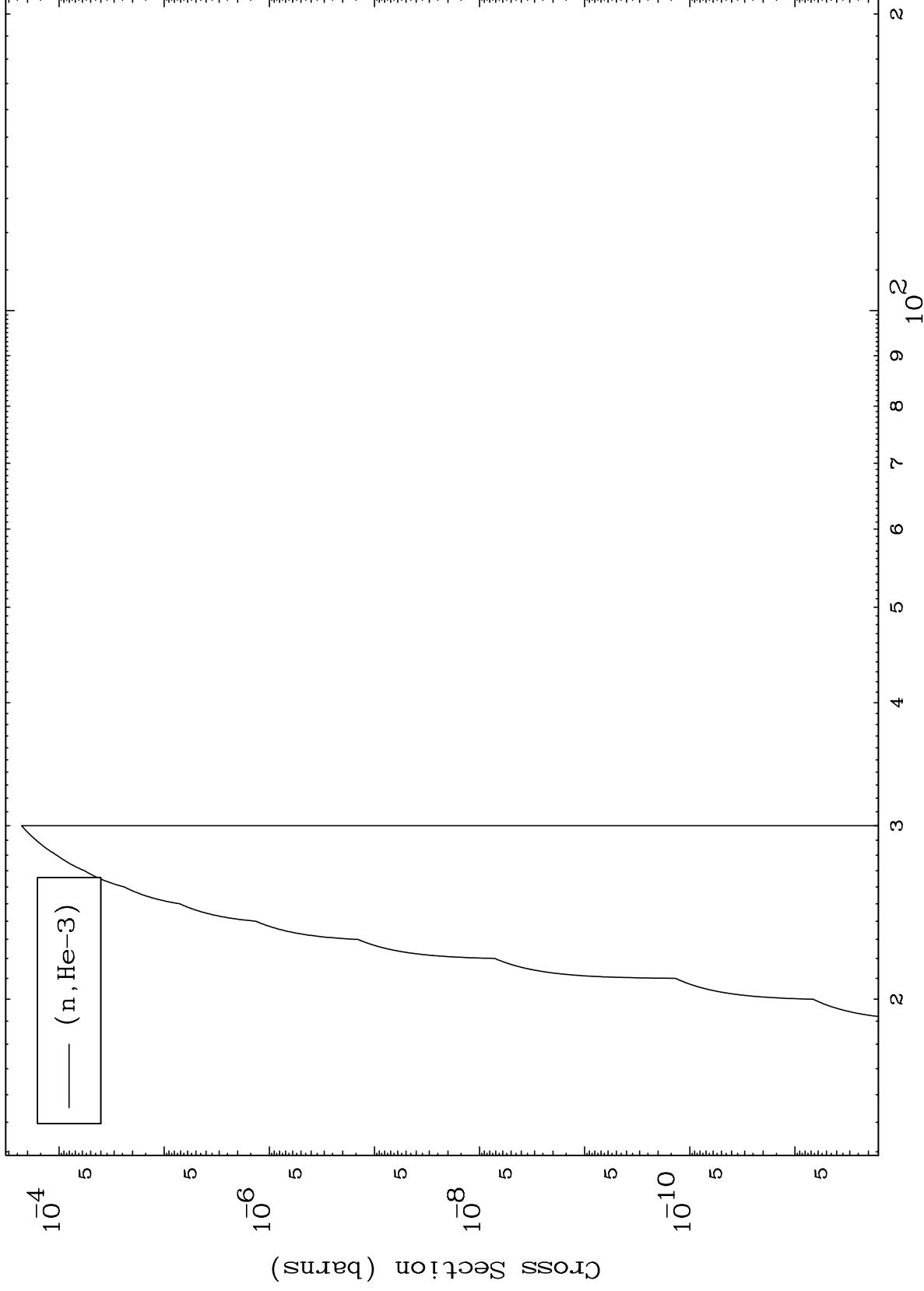
Incident Energy (MeV)

30-Zn-71

MAT 3046

(n,He3) Levels
293 Kelvin Cross Sections

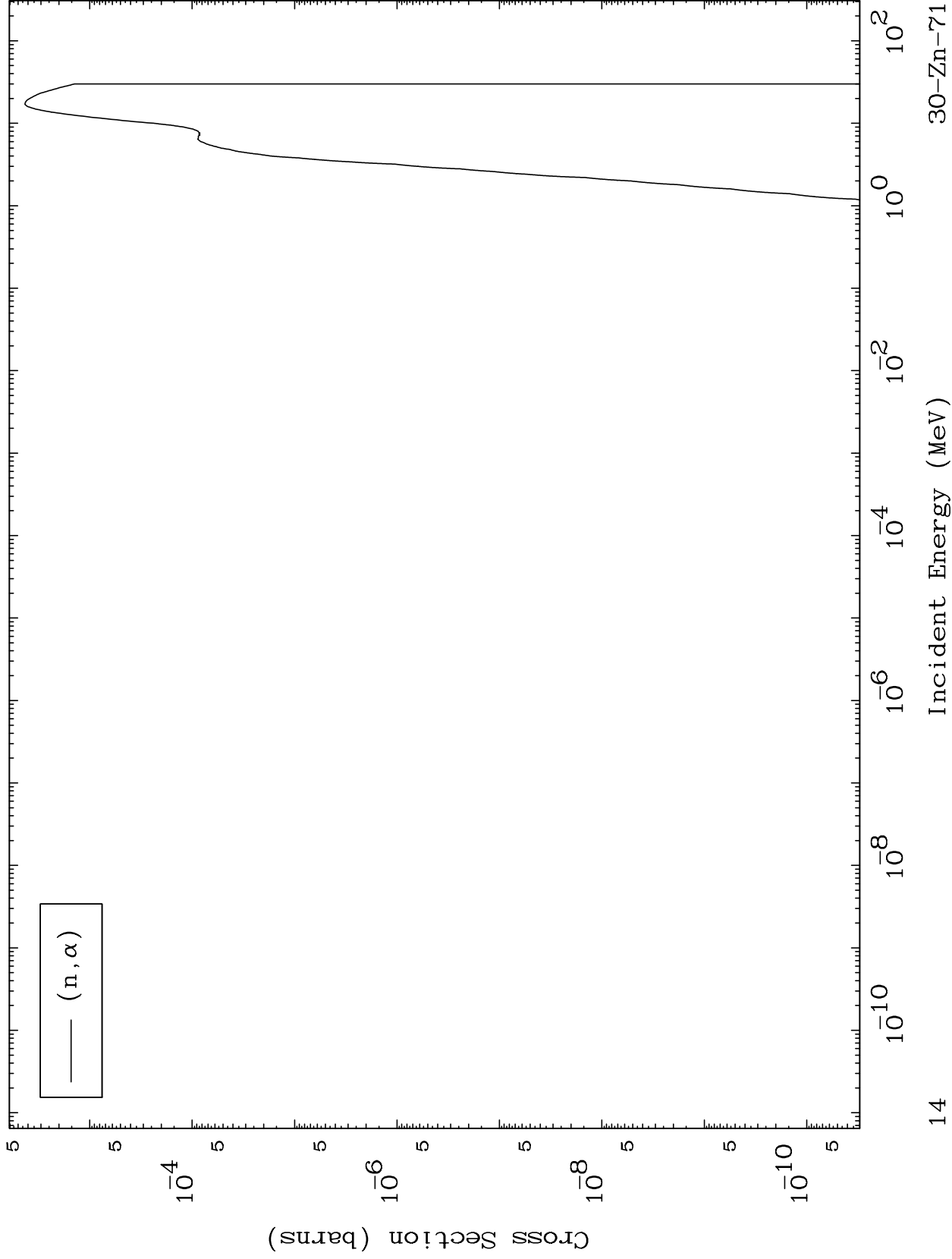
30-Zn-71

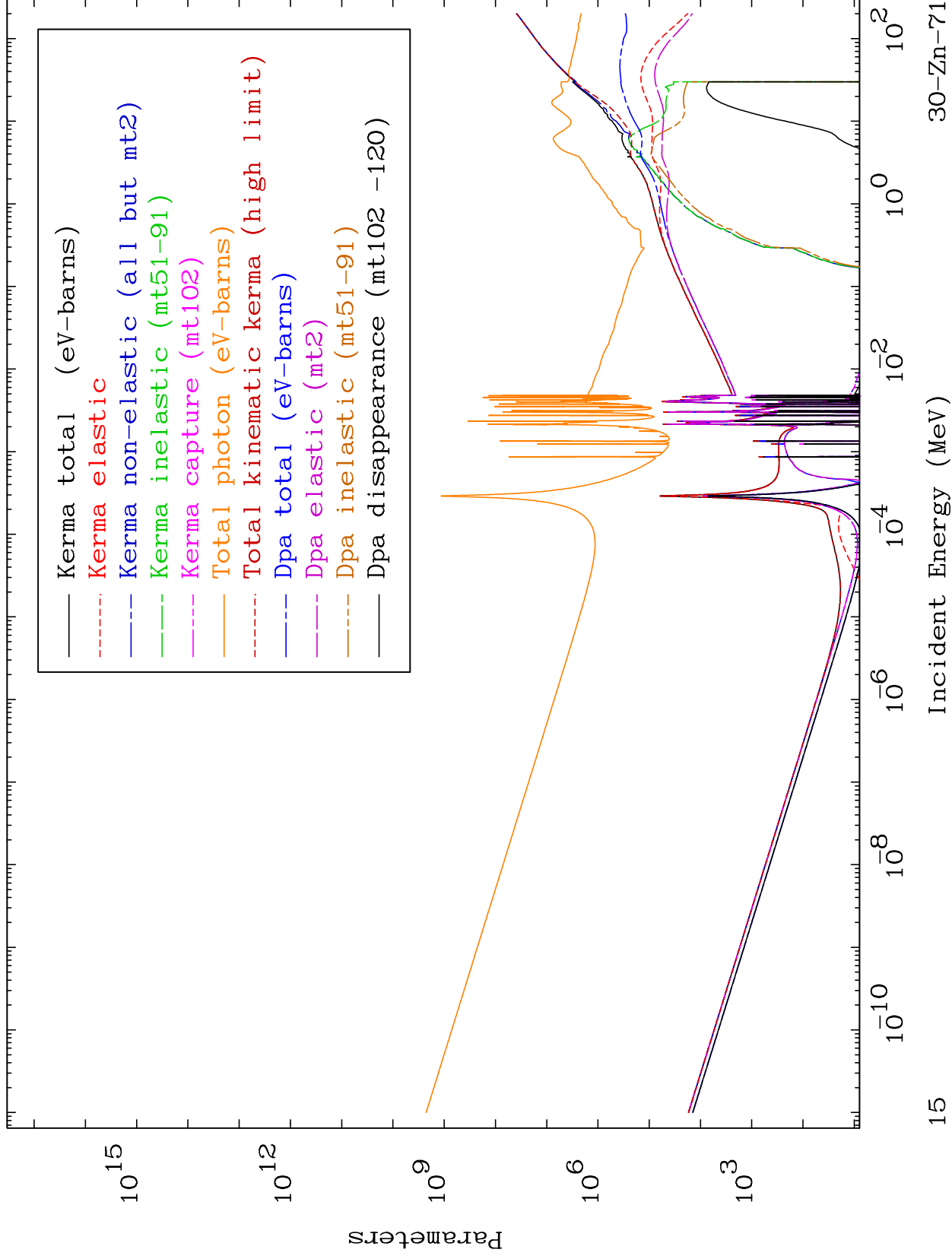


MAT 3046

(n, α) Levels
293 Kelvin Cross Sections

30-Zn-71

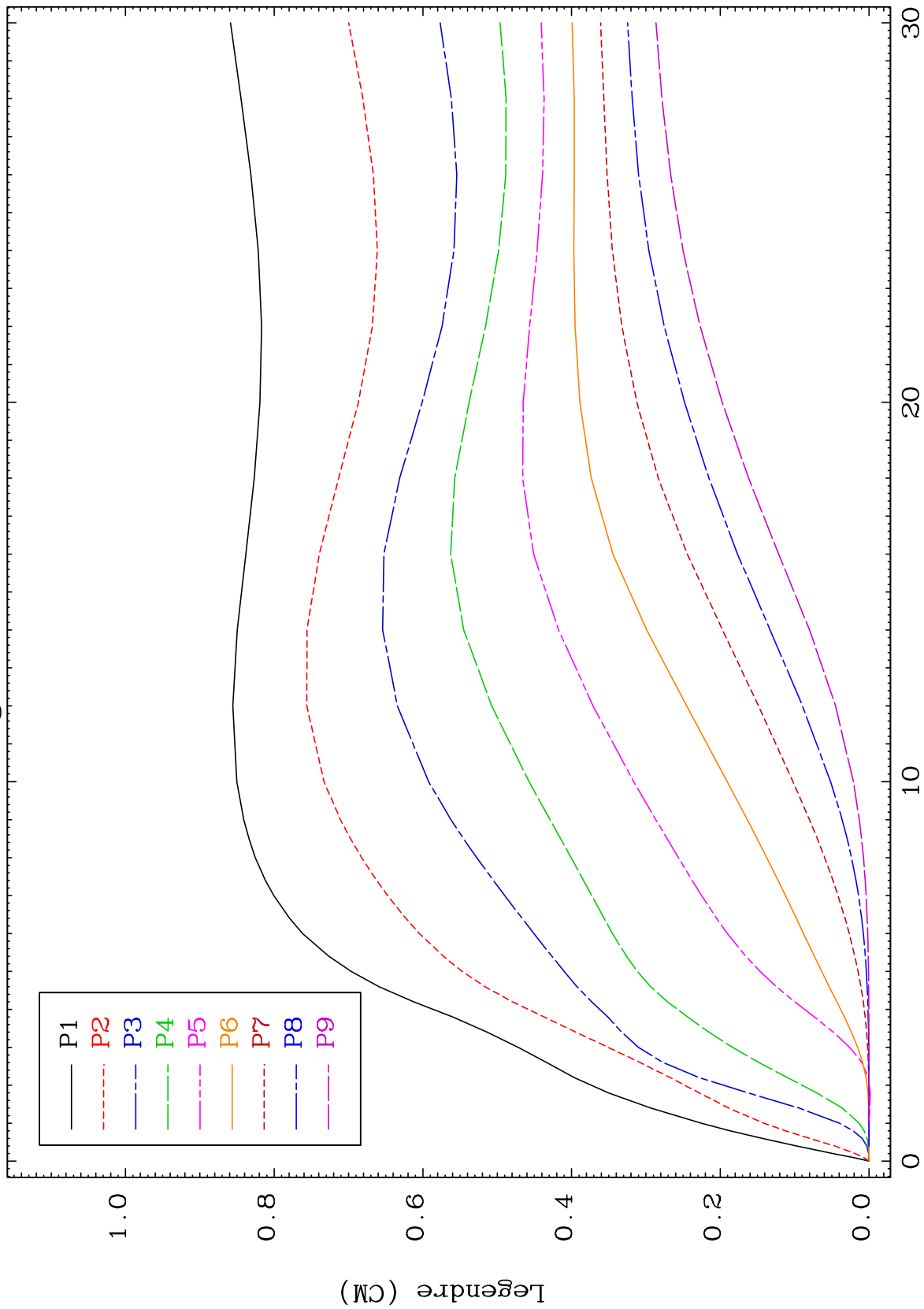




MAT 3046

Elastic Legendre Coefficients

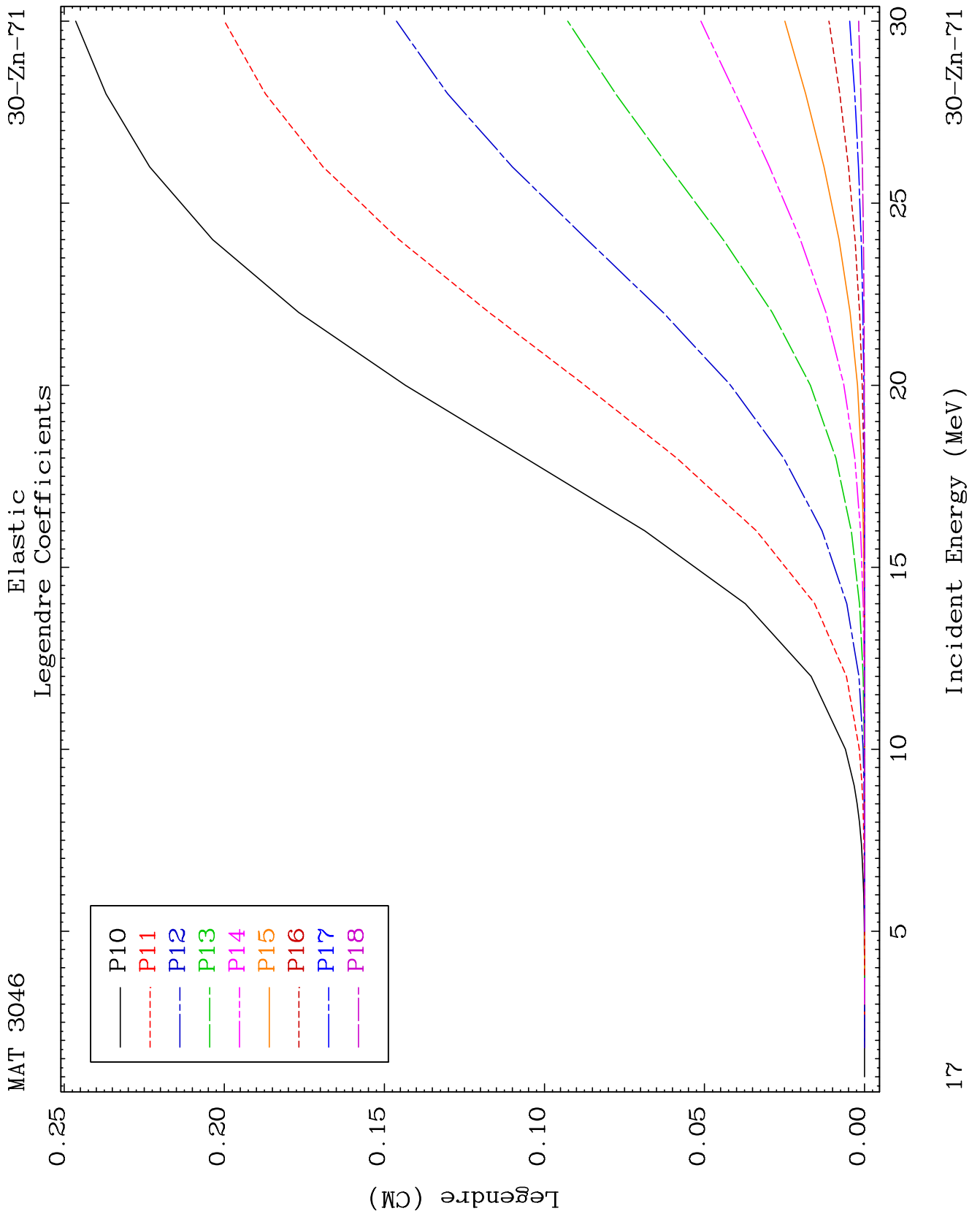
30-Zn-71



16

Incident Energy (MeV)

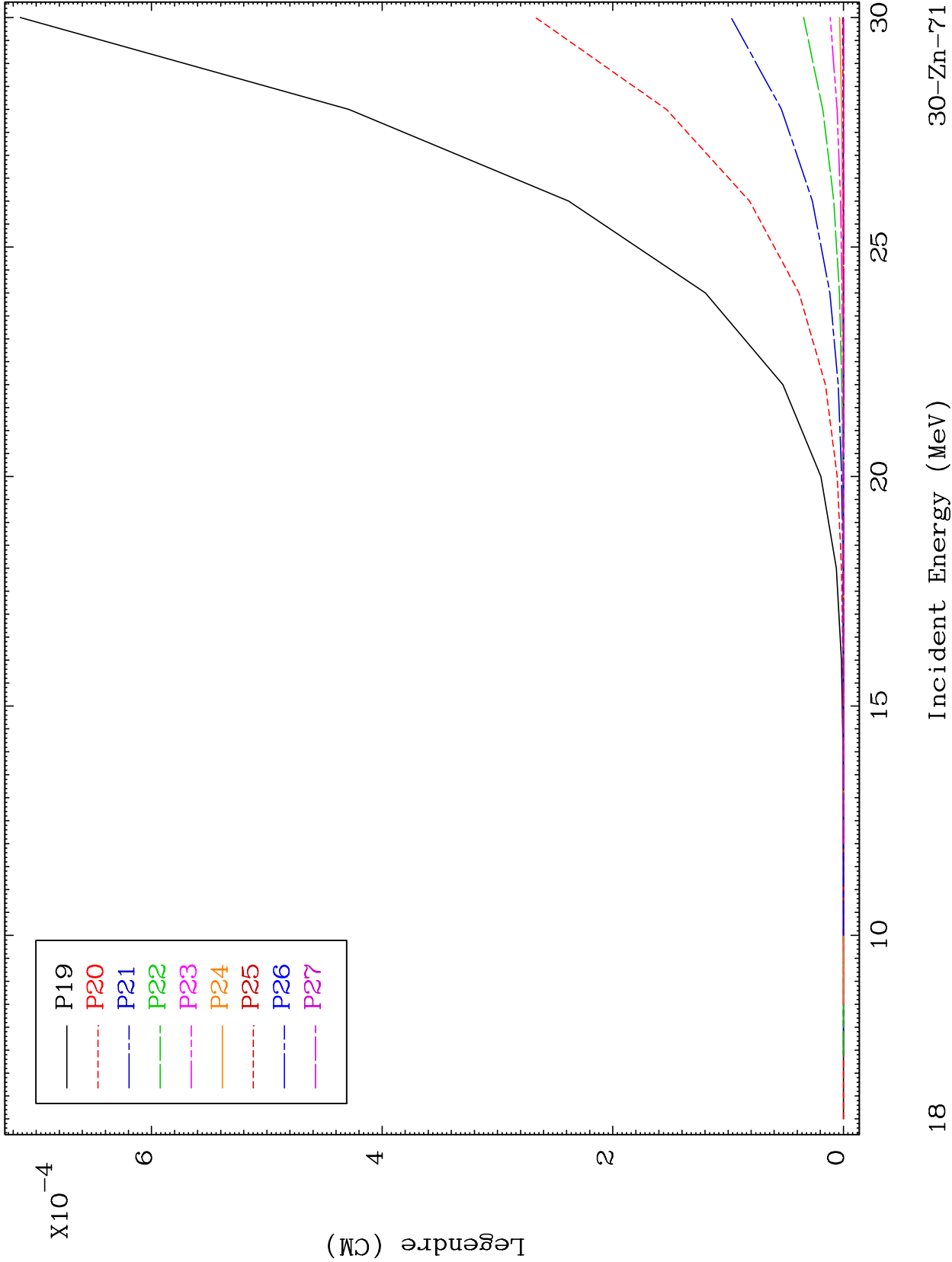
30-Zn-71



MAT 3046

Elastic Legendre Coefficients

30-Zn-71



18

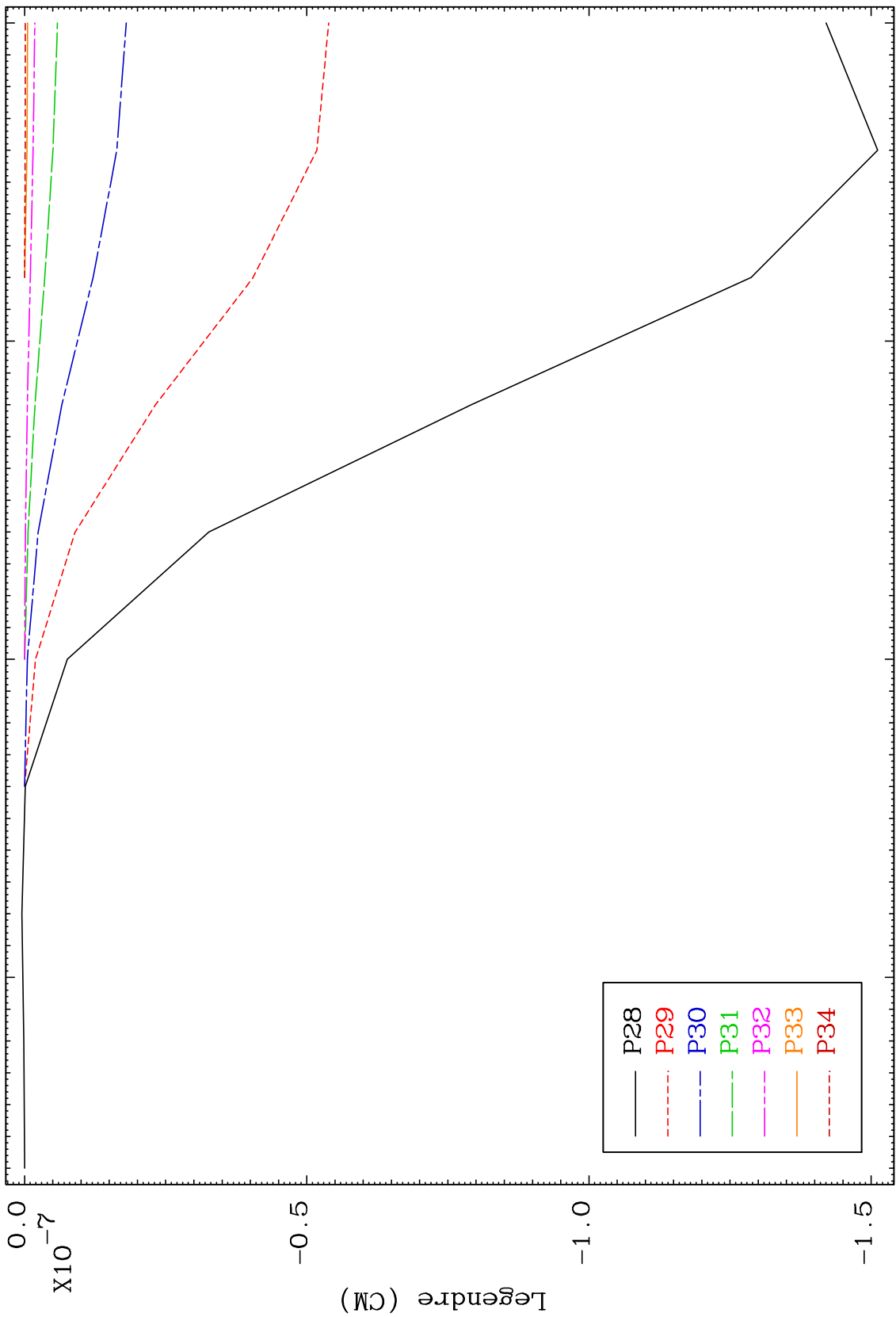
Incident Energy (MeV)

30-Zn-71

MAT 3046

30-Zn-71

Elastic Legendre Coefficients



10^{-7}

Legendre (CM)

30

25

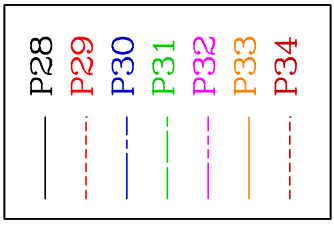
20

15

19

Incident Energy (MeV)

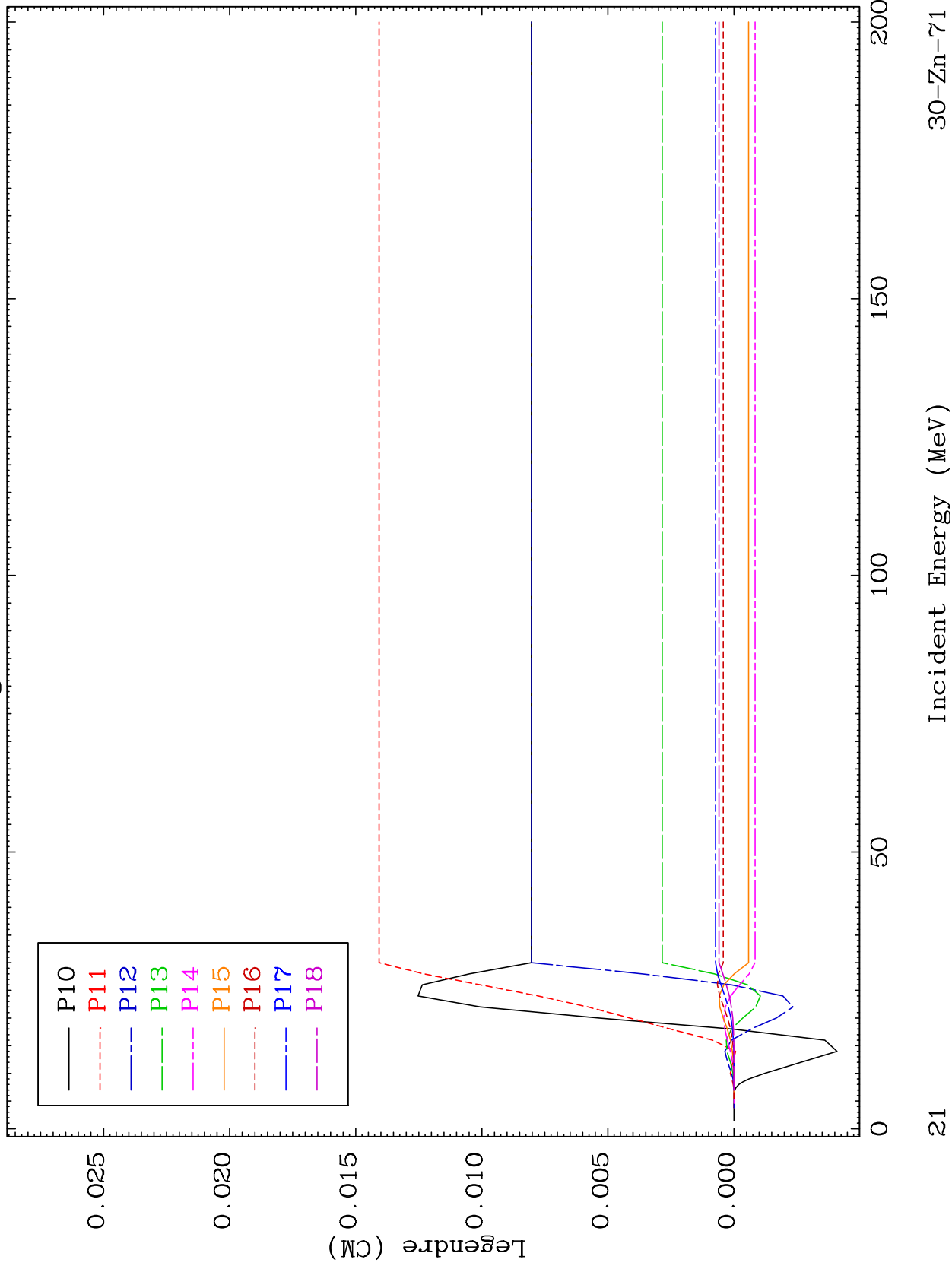
30-Zn-71



MAT 3046

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

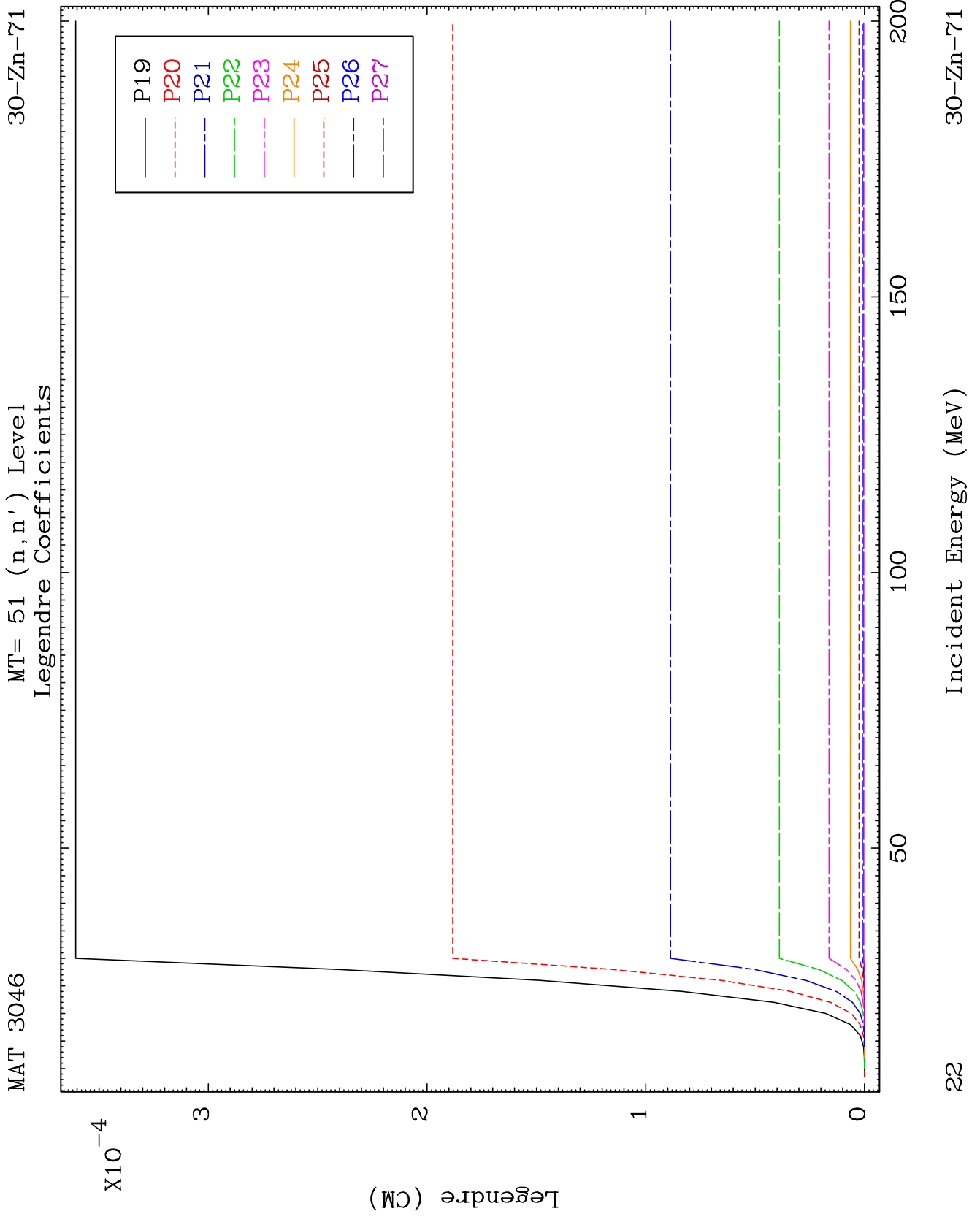
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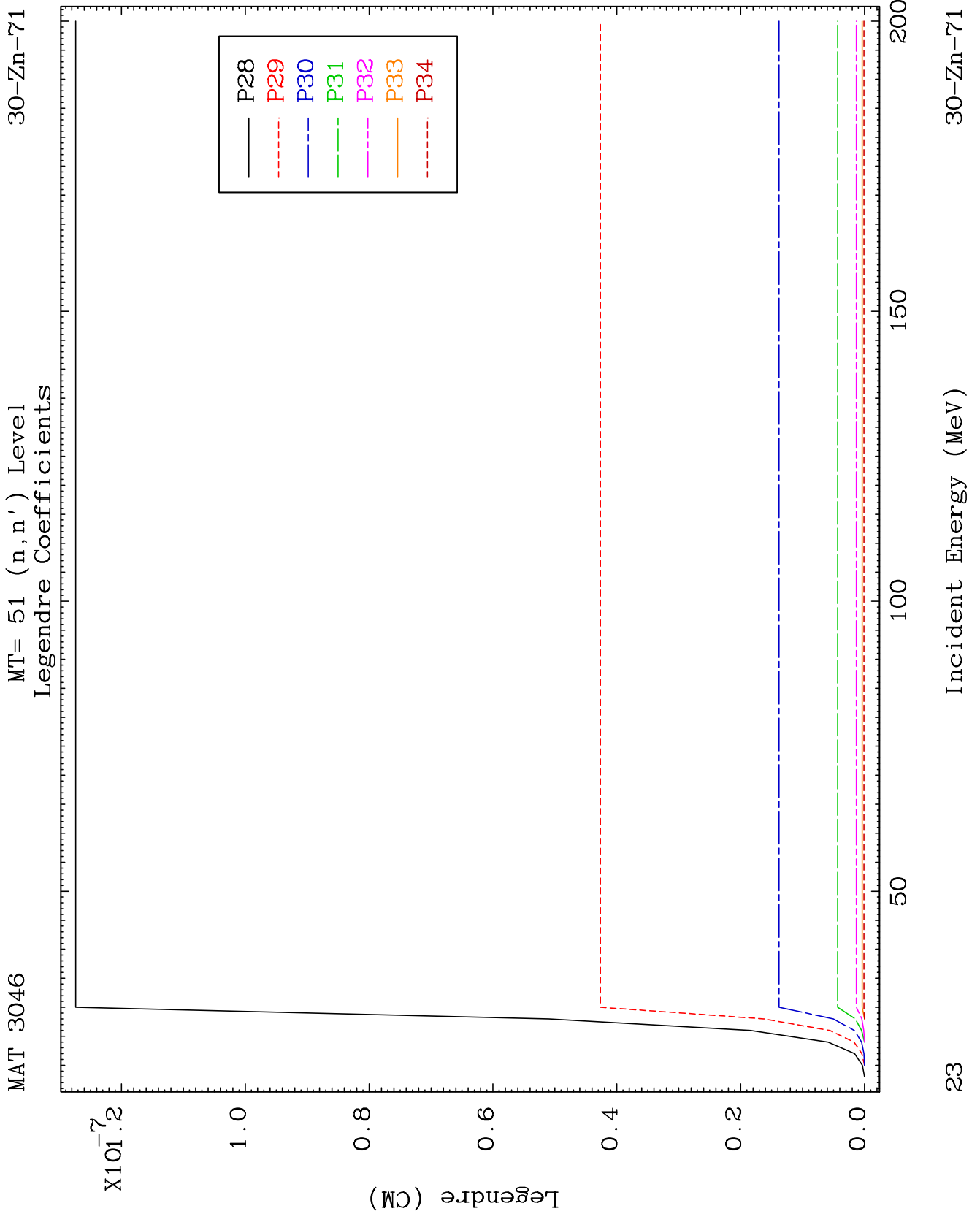


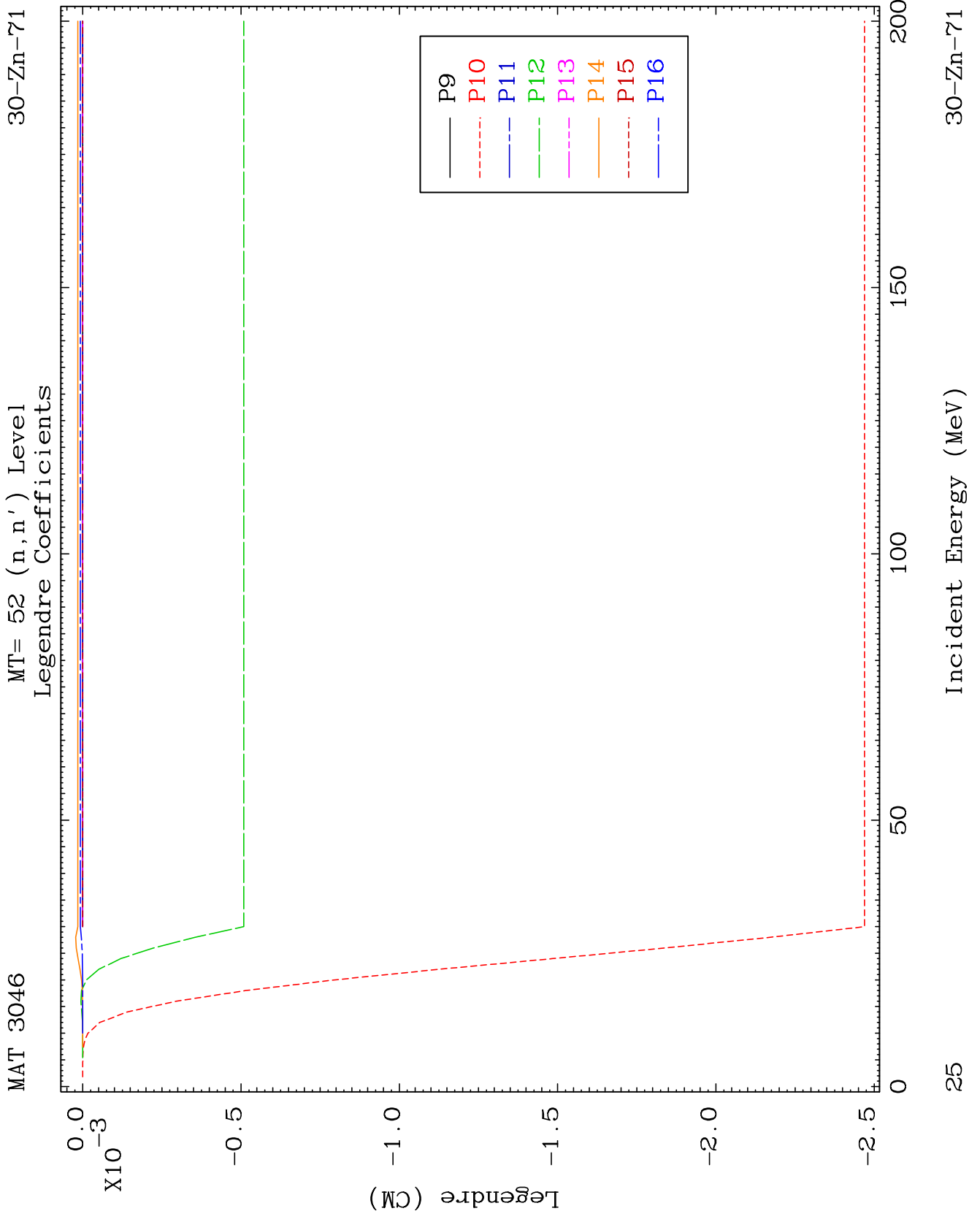
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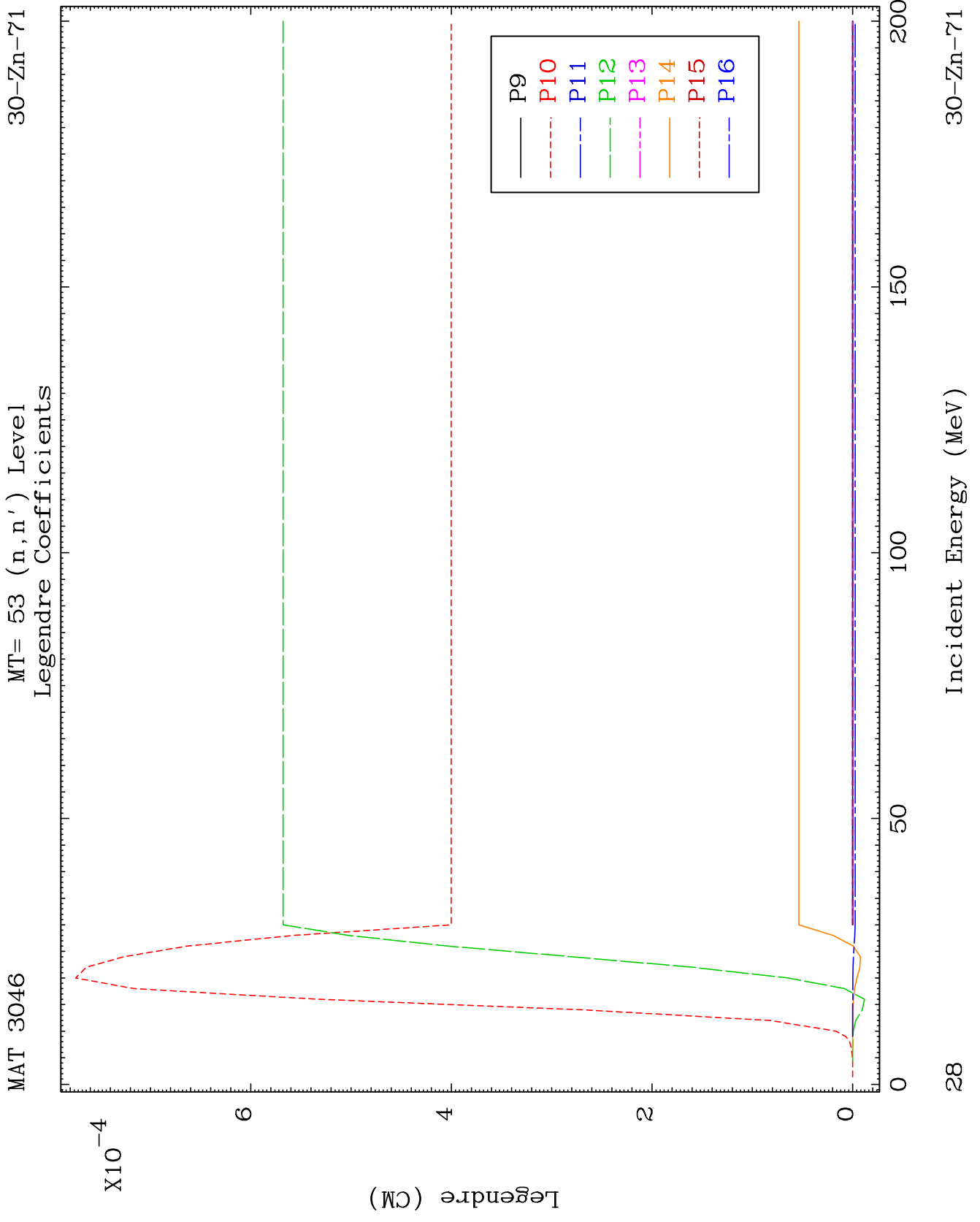
Incident Energy (MeV)

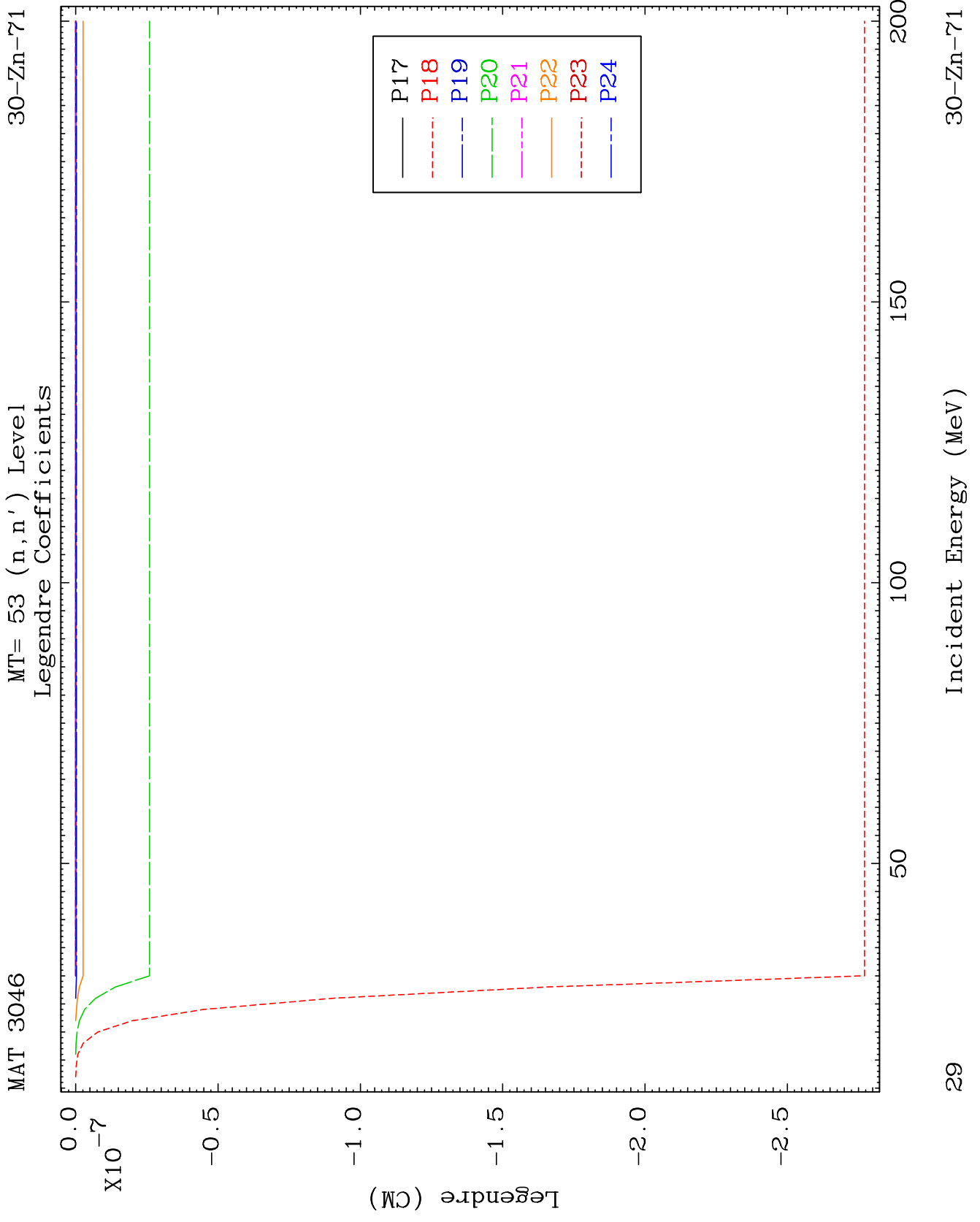
30-Zn-71

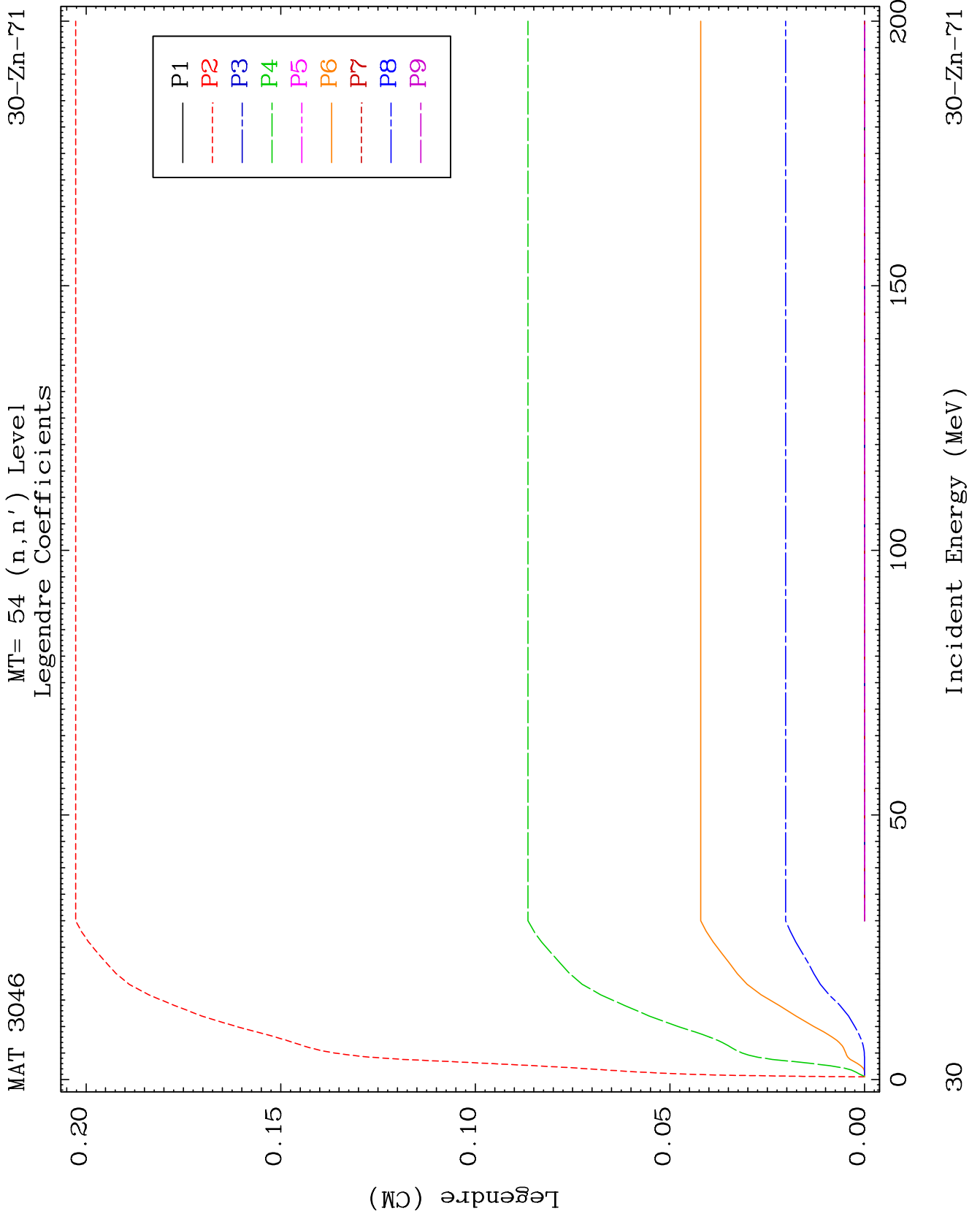








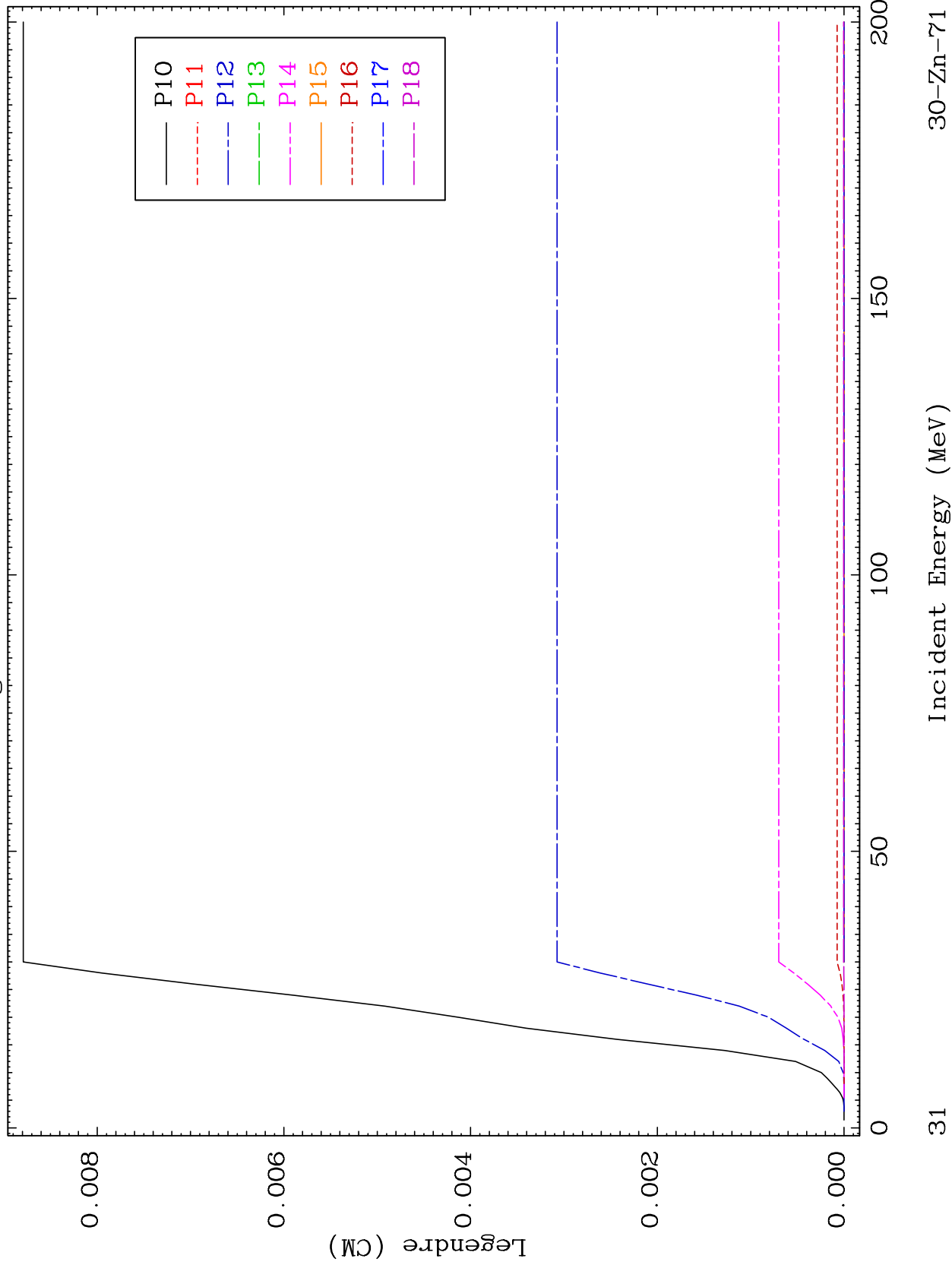




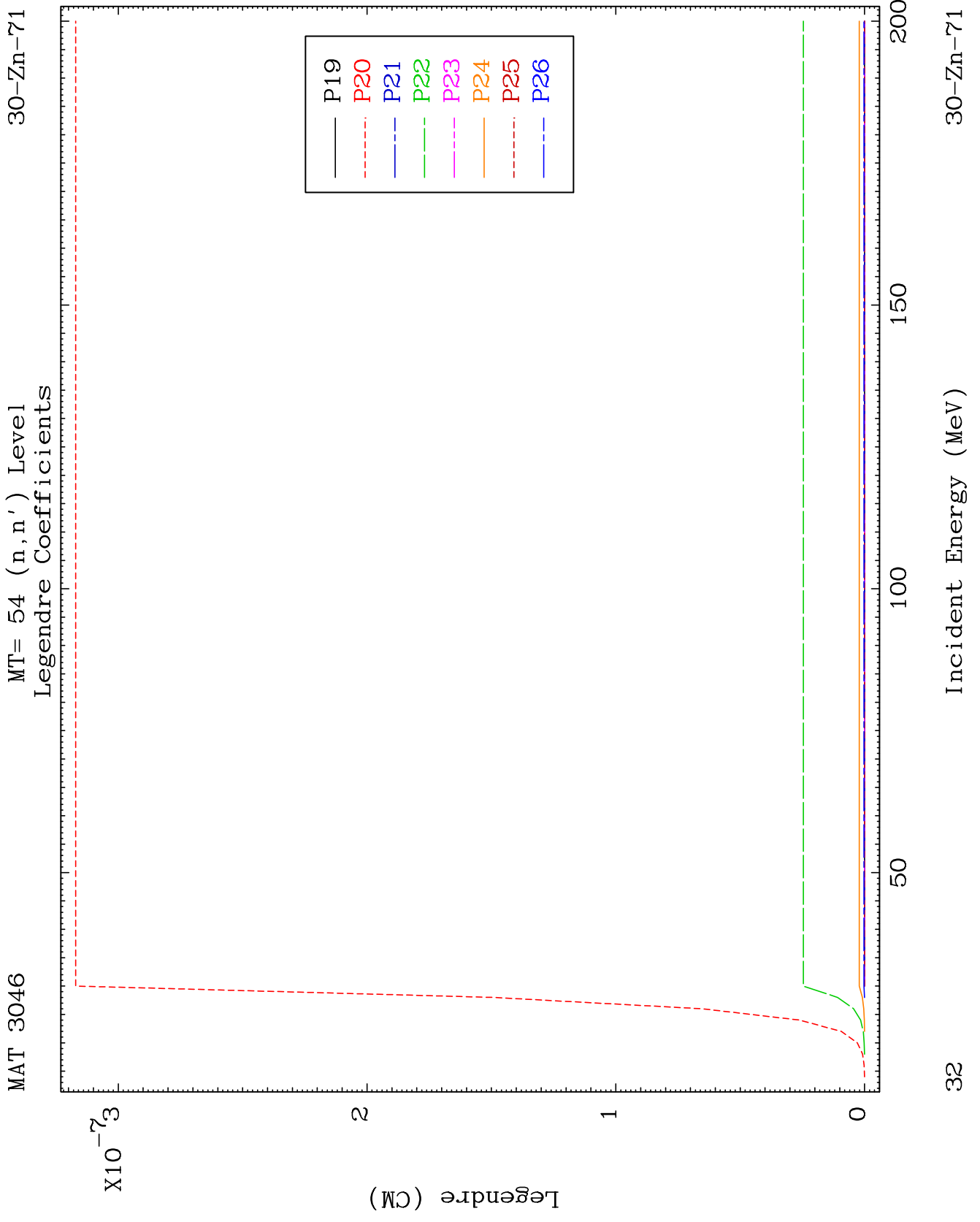
MAT 3046

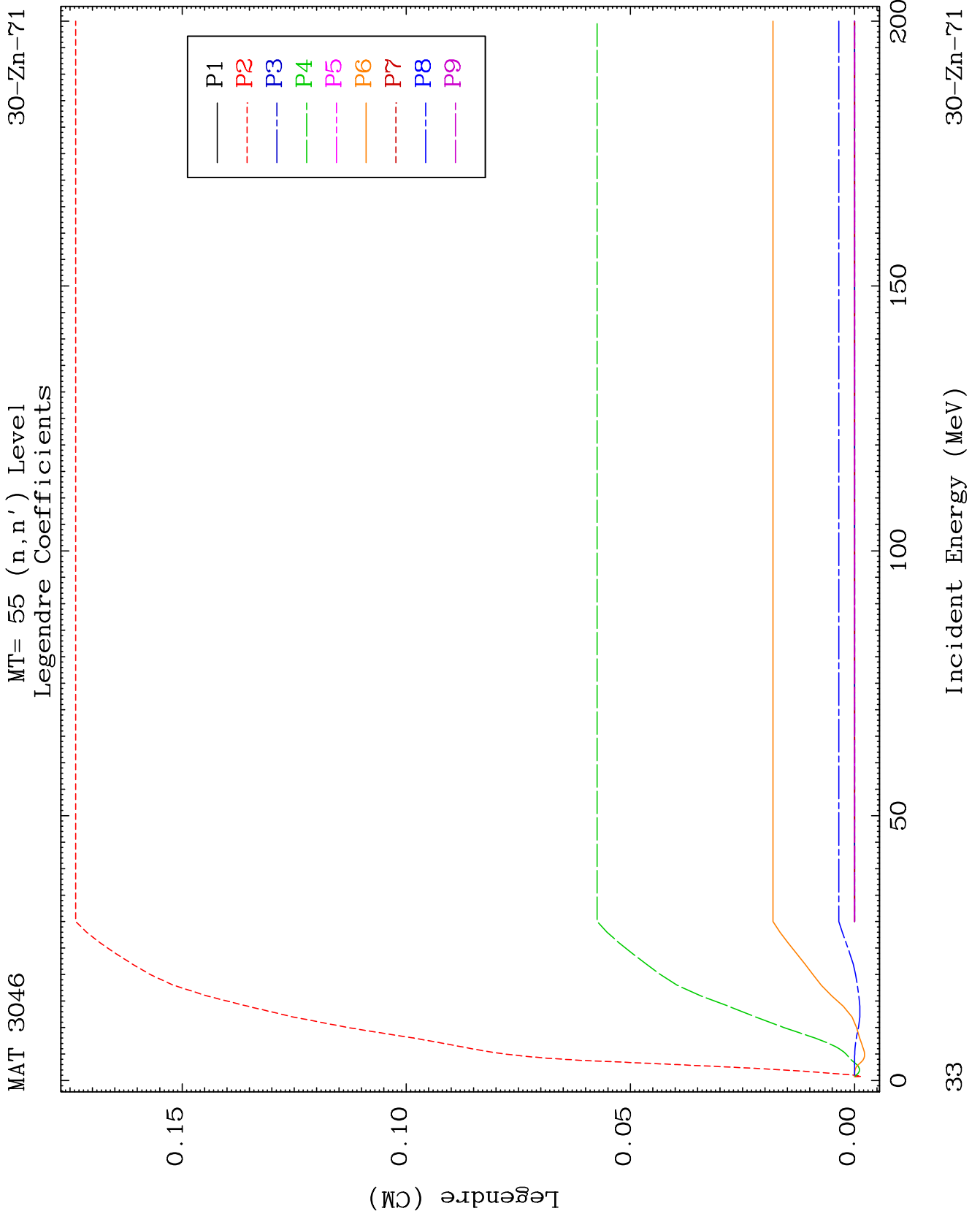
MT= 54 (n,n') Level
Legendre Coefficients

30-Zn-71



31

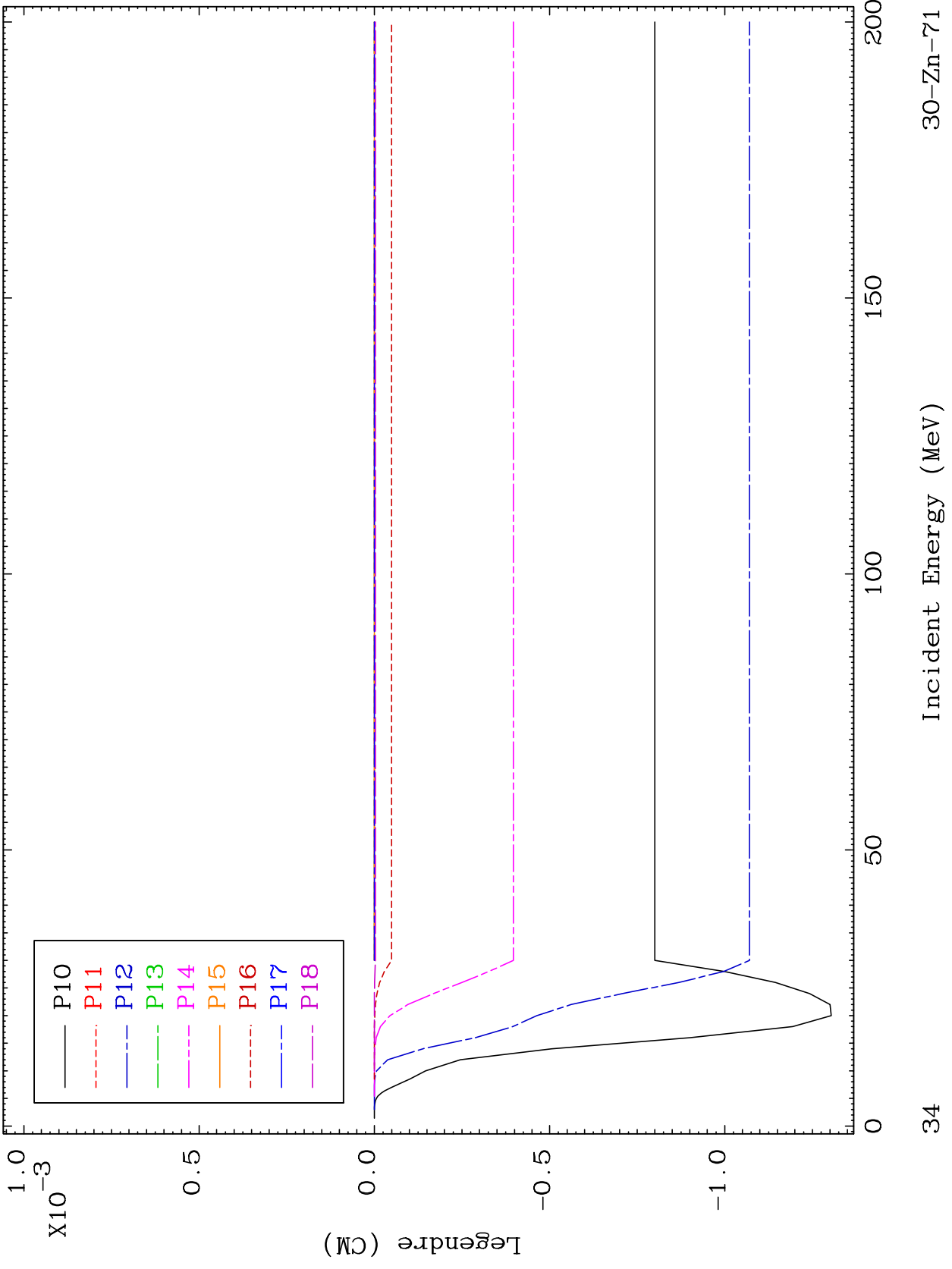




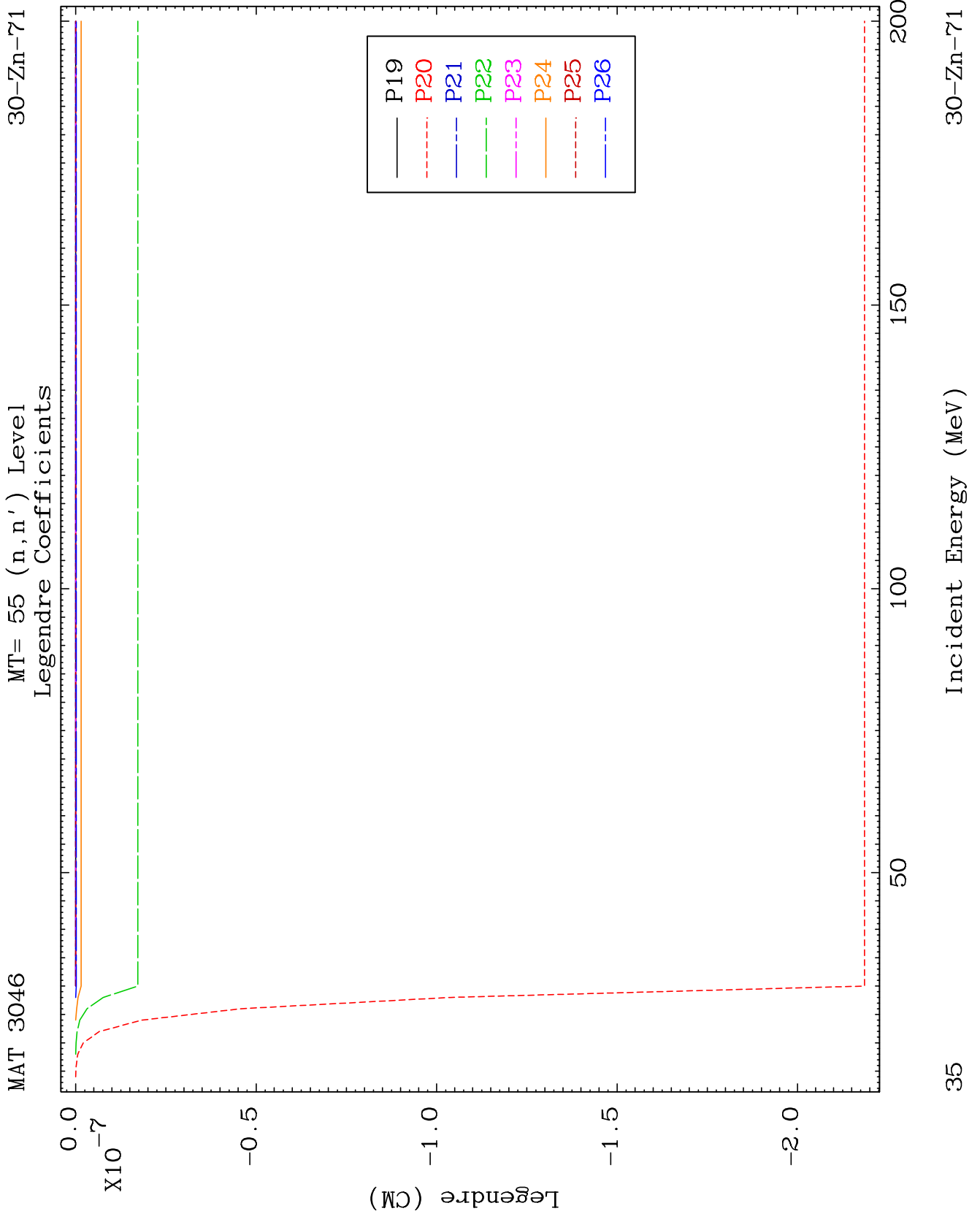
MAT 3046

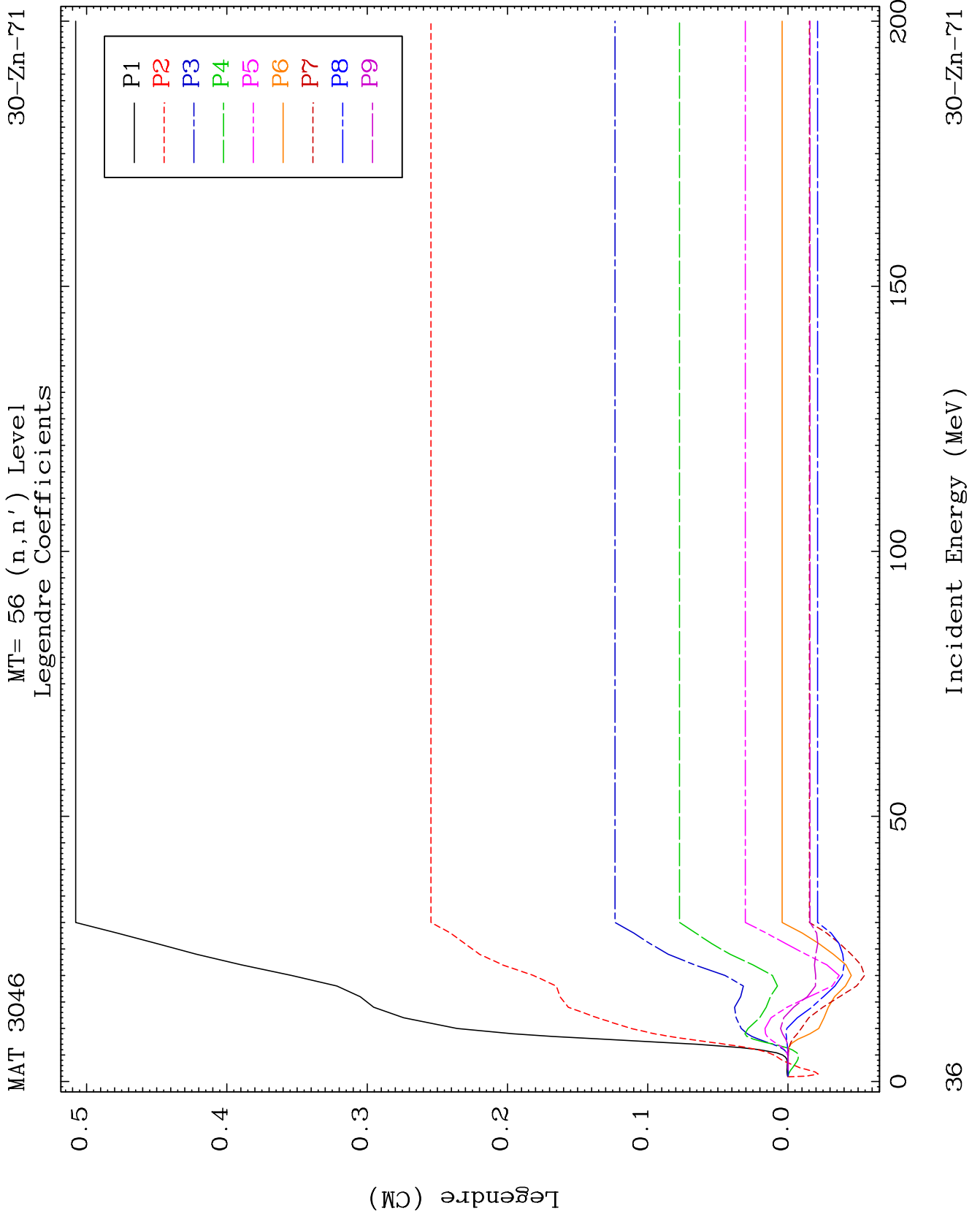
MT= 55 (n,n') Level
Legendre Coefficients

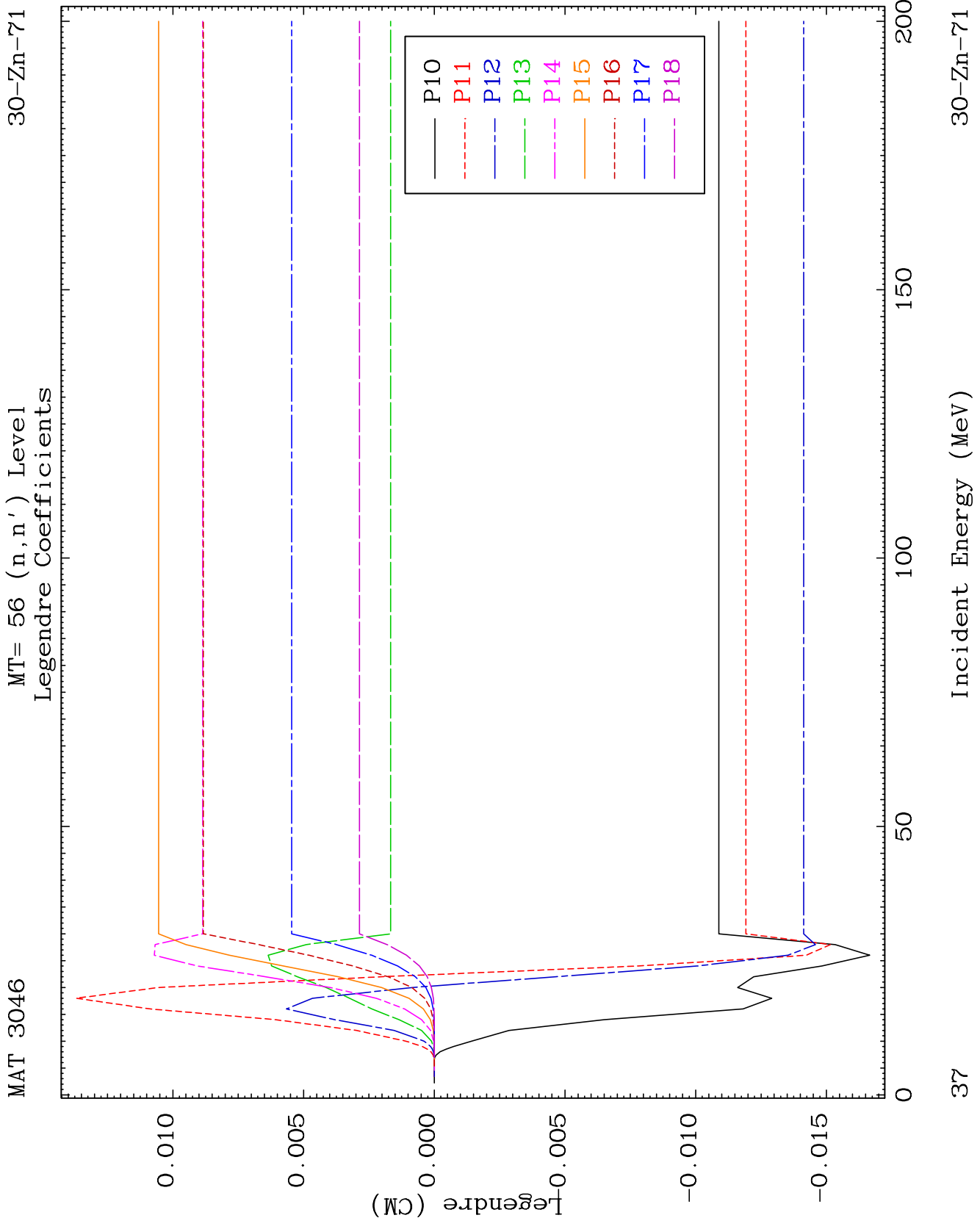
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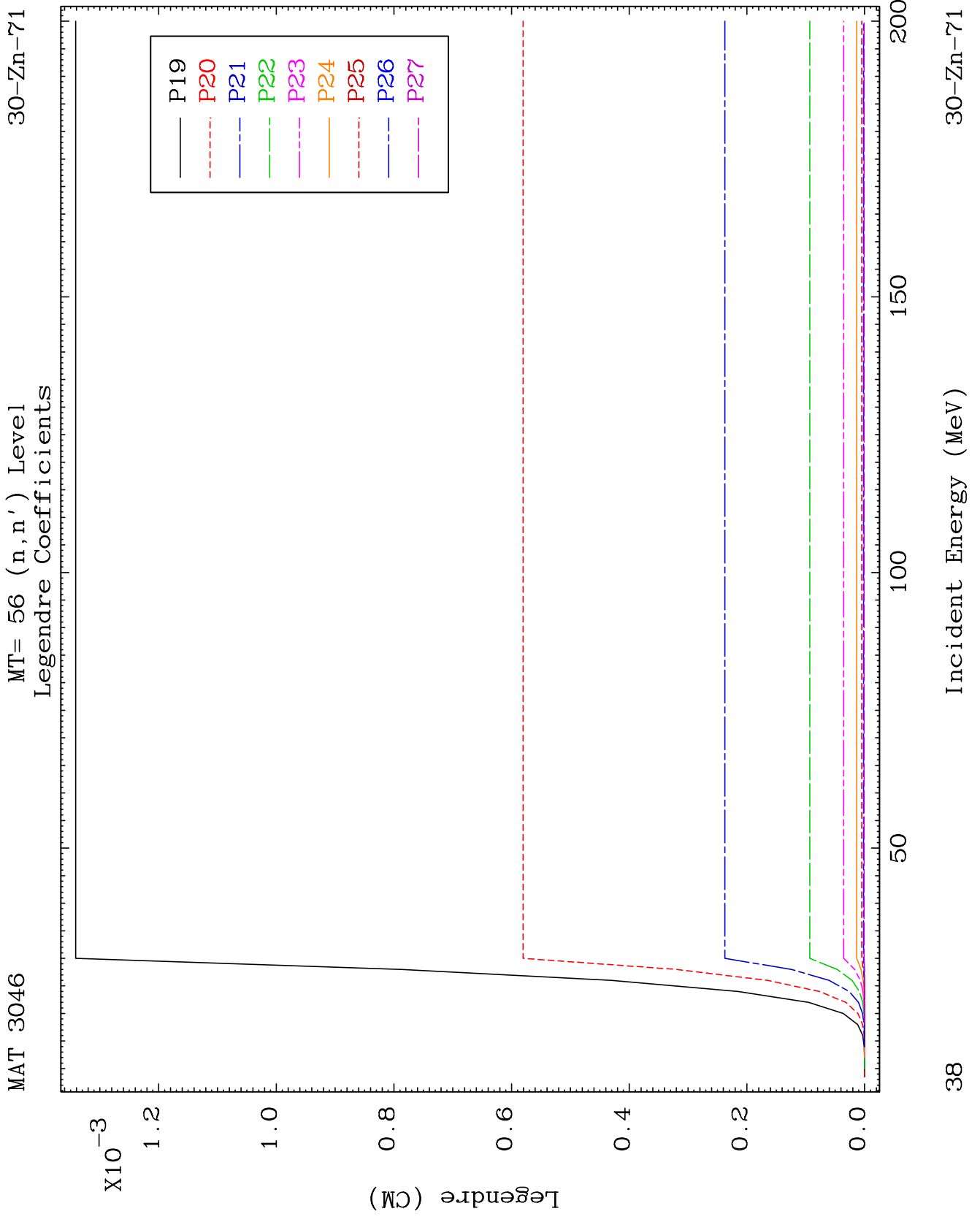


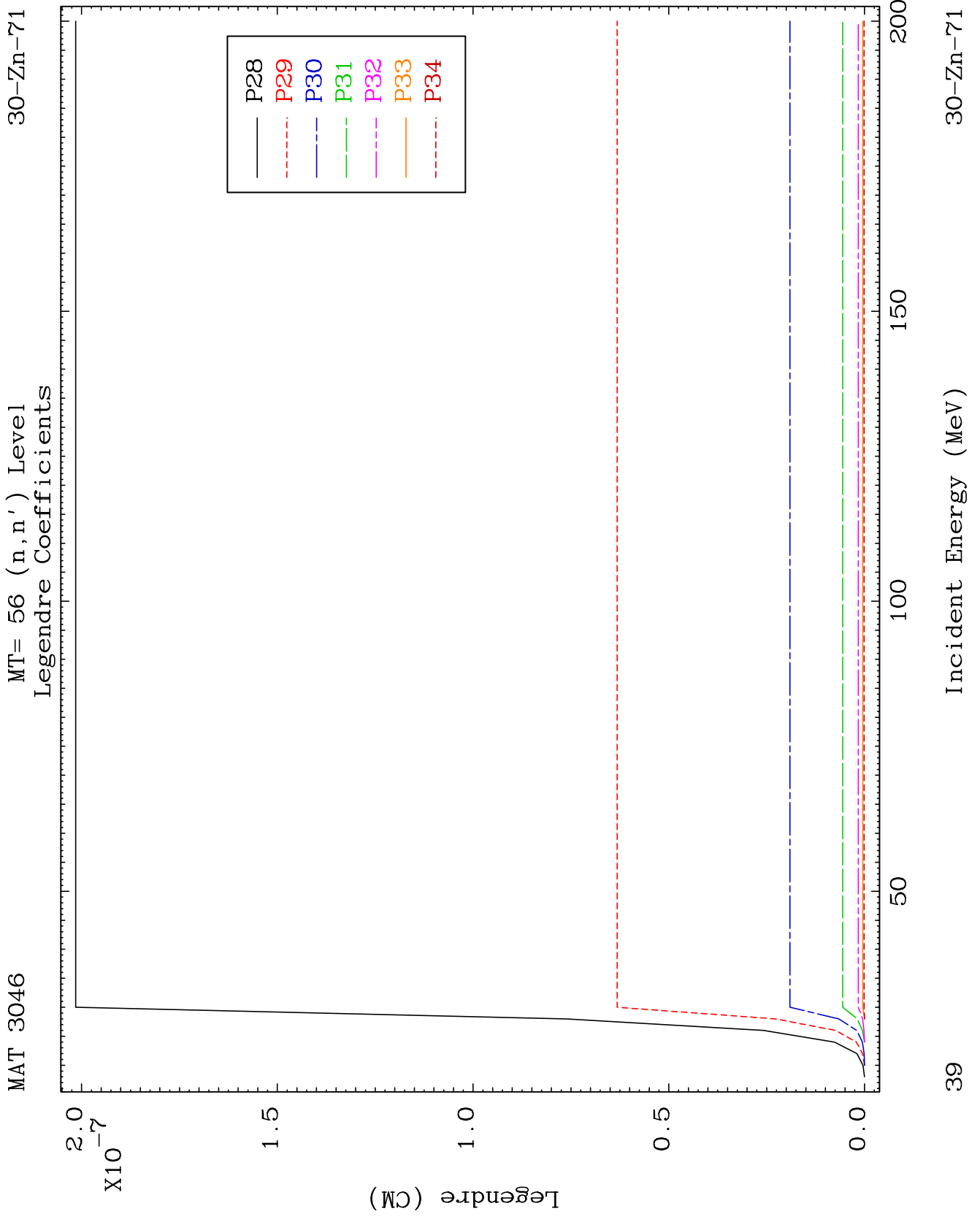
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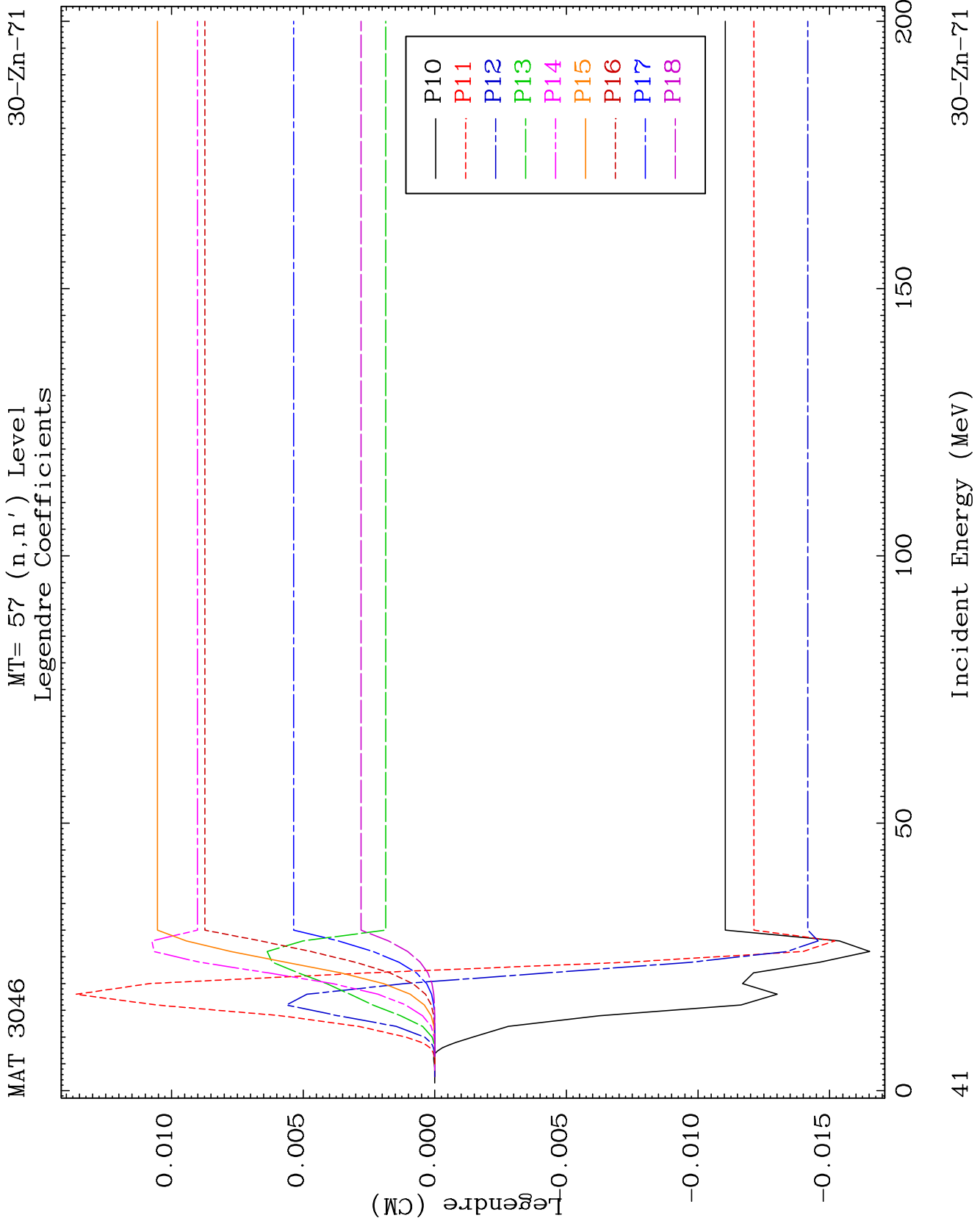








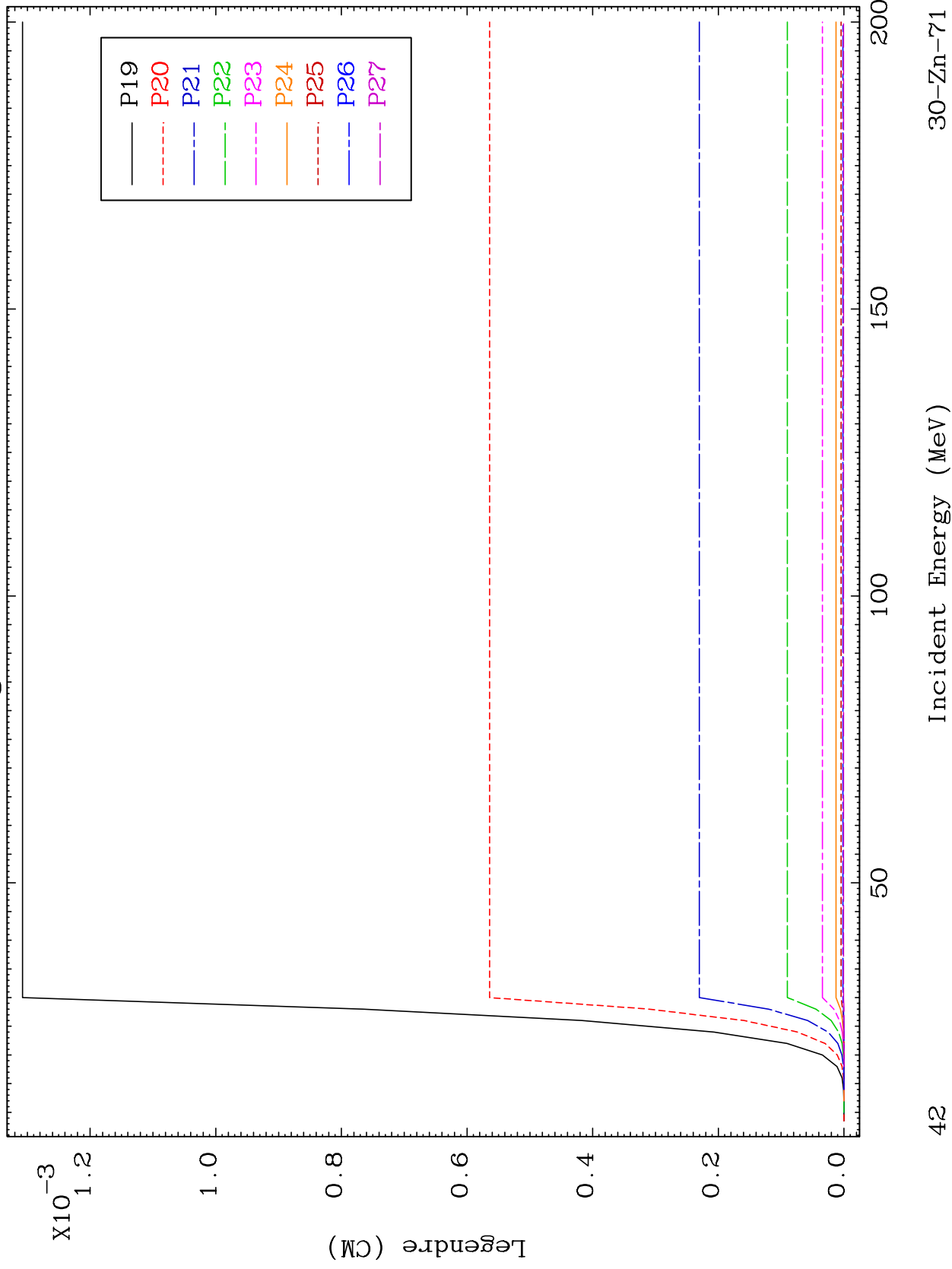




MAT 3046

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

30-Zn-71



42

Incident Energy (MeV)

30-Zn-71

200

150

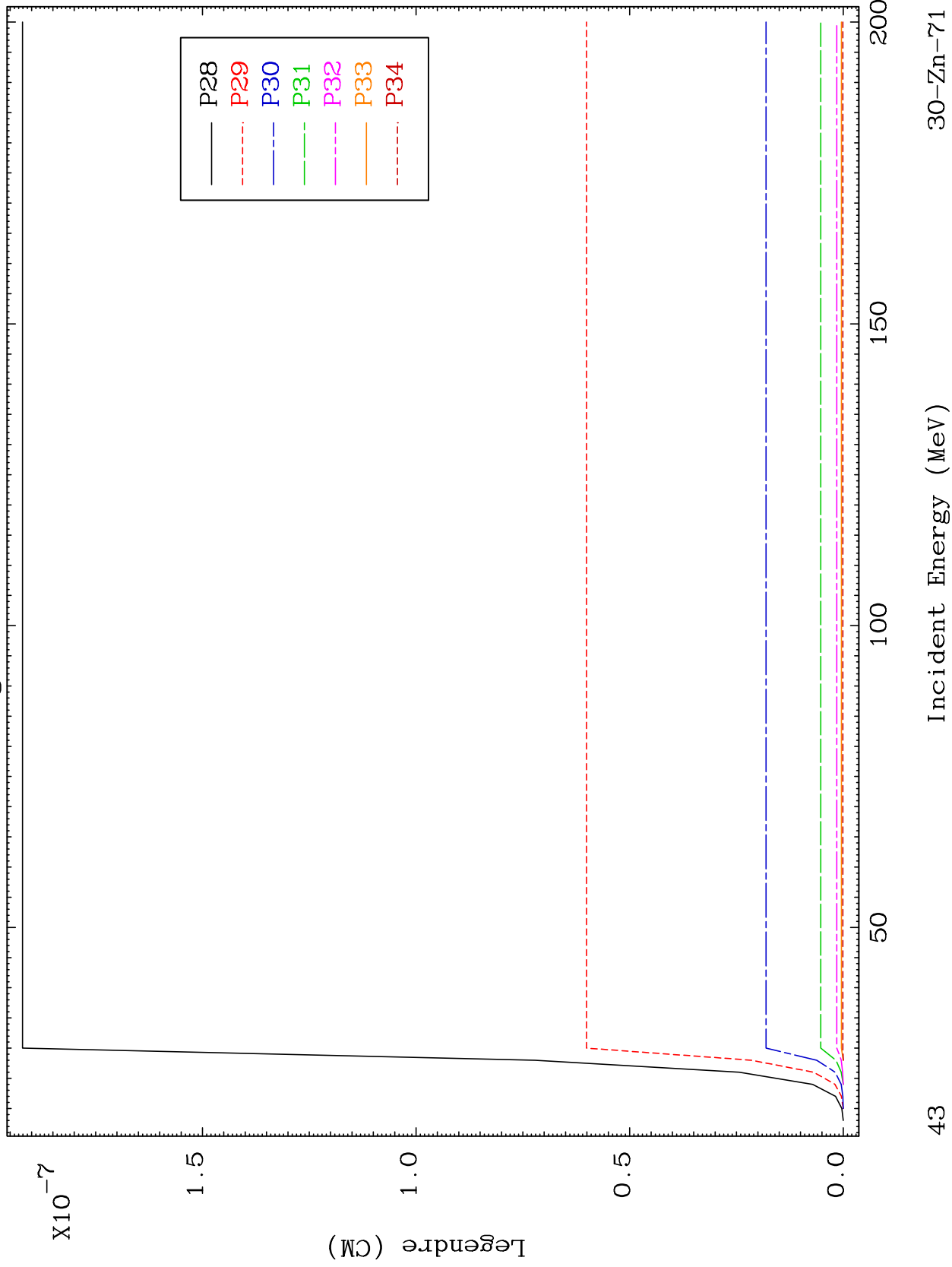
100

50

MAT 3046

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

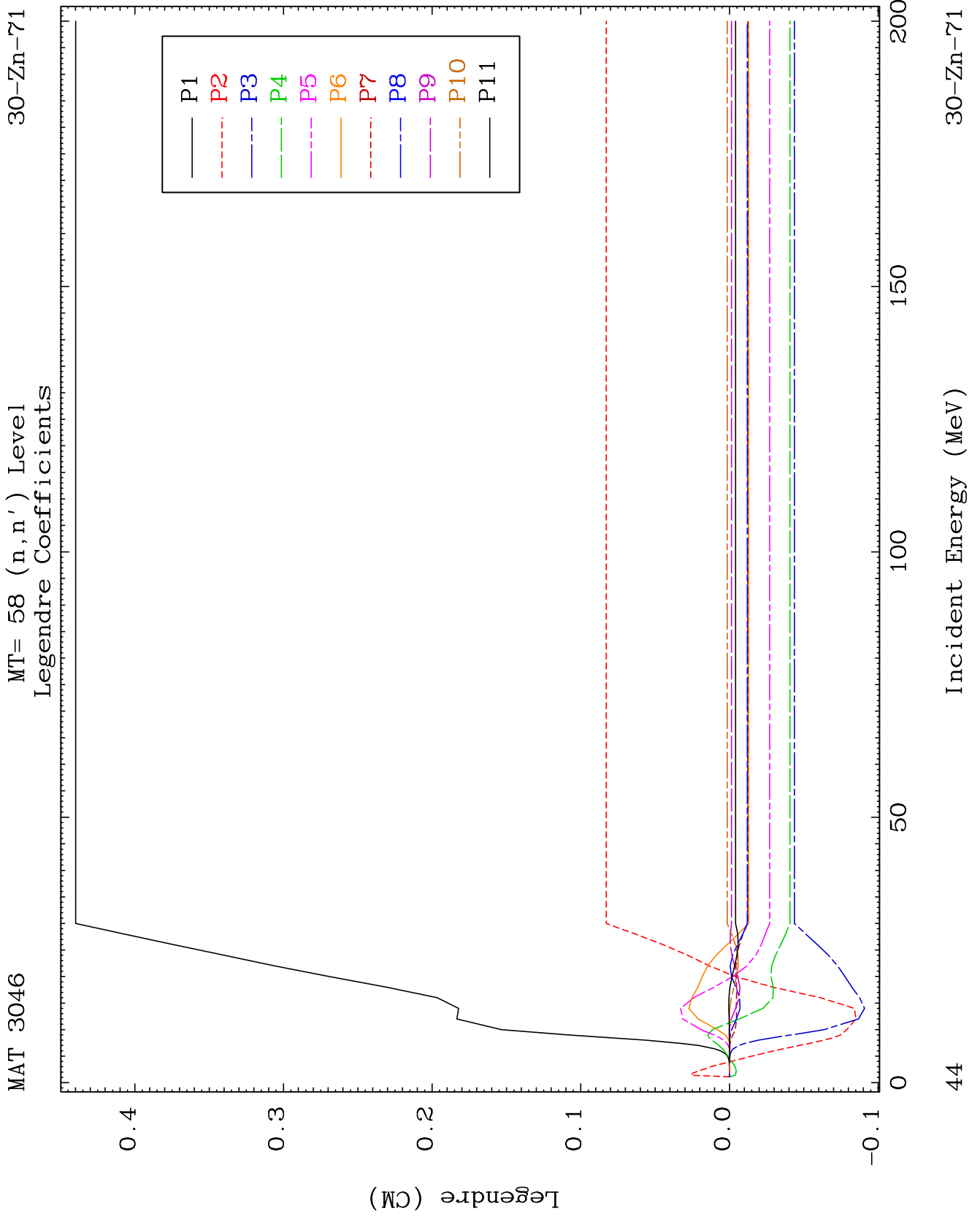
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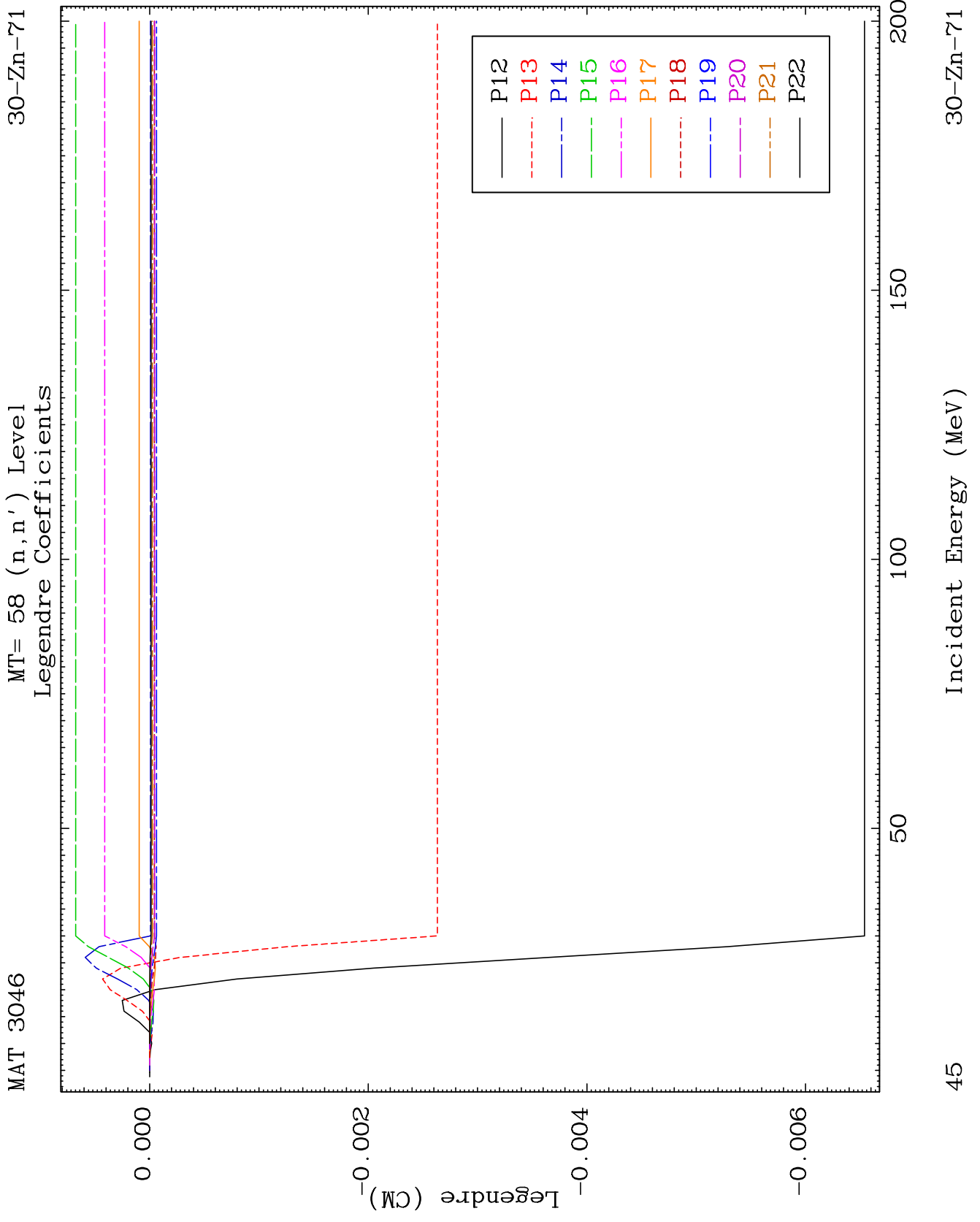


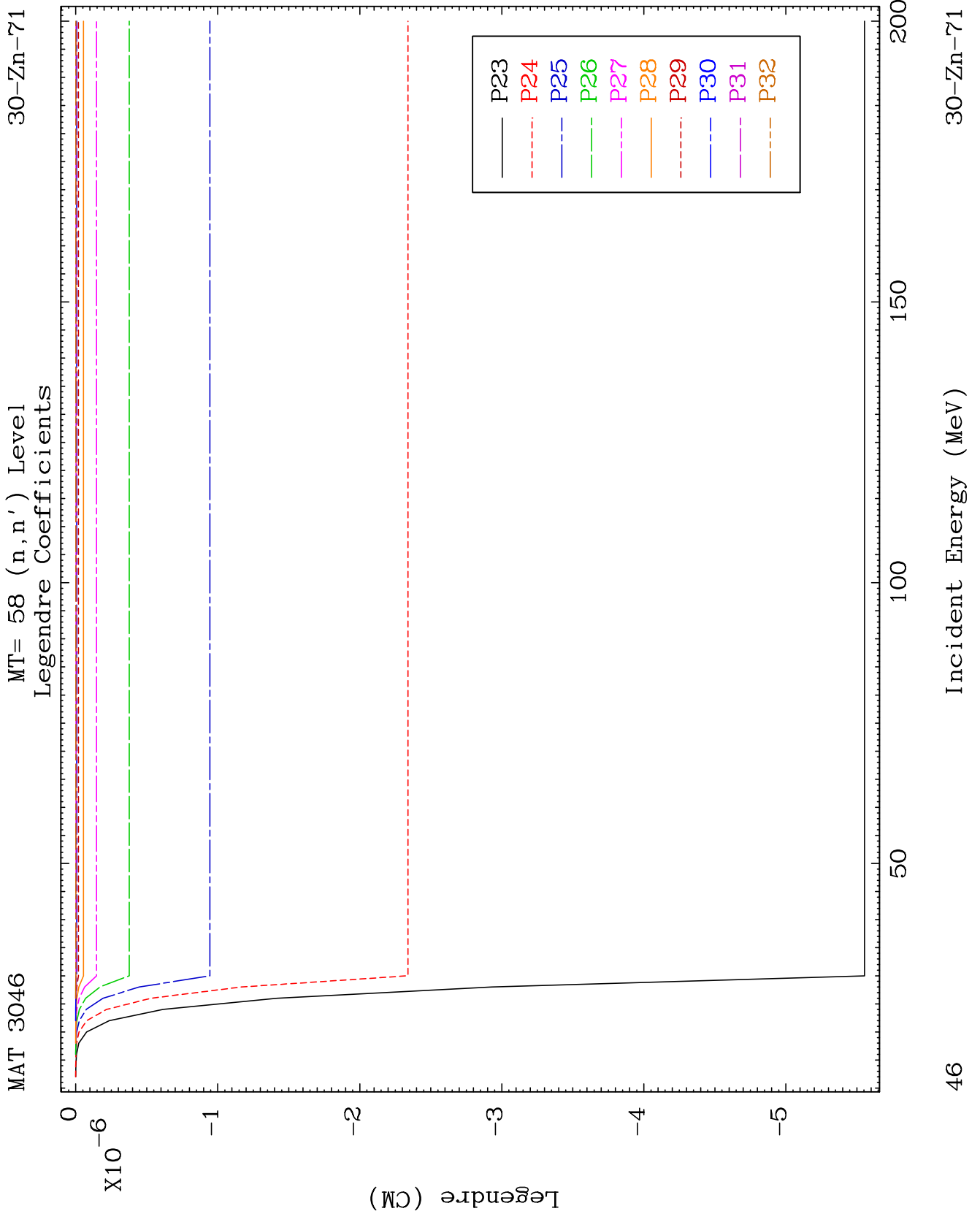
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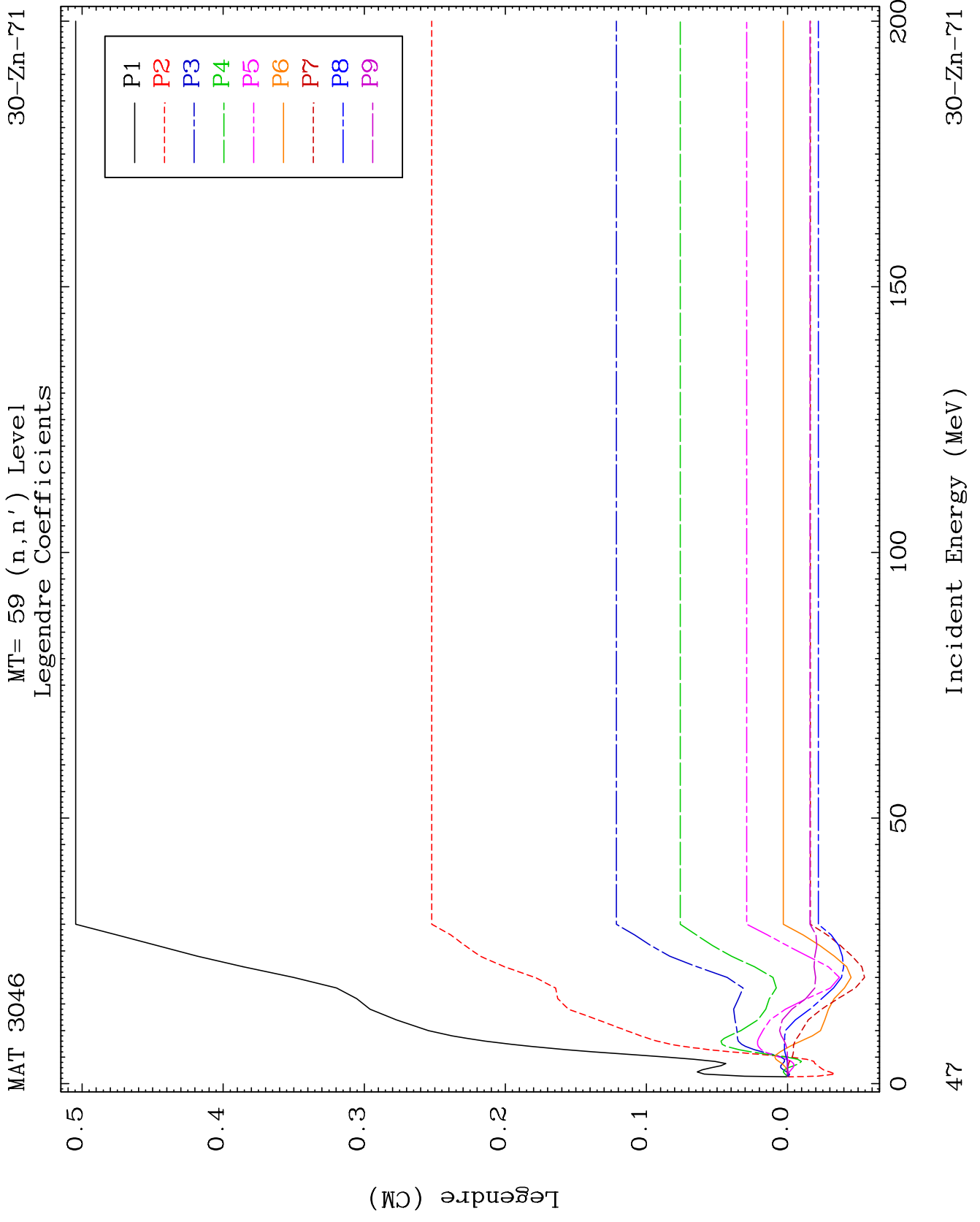
Incident Energy (MeV)

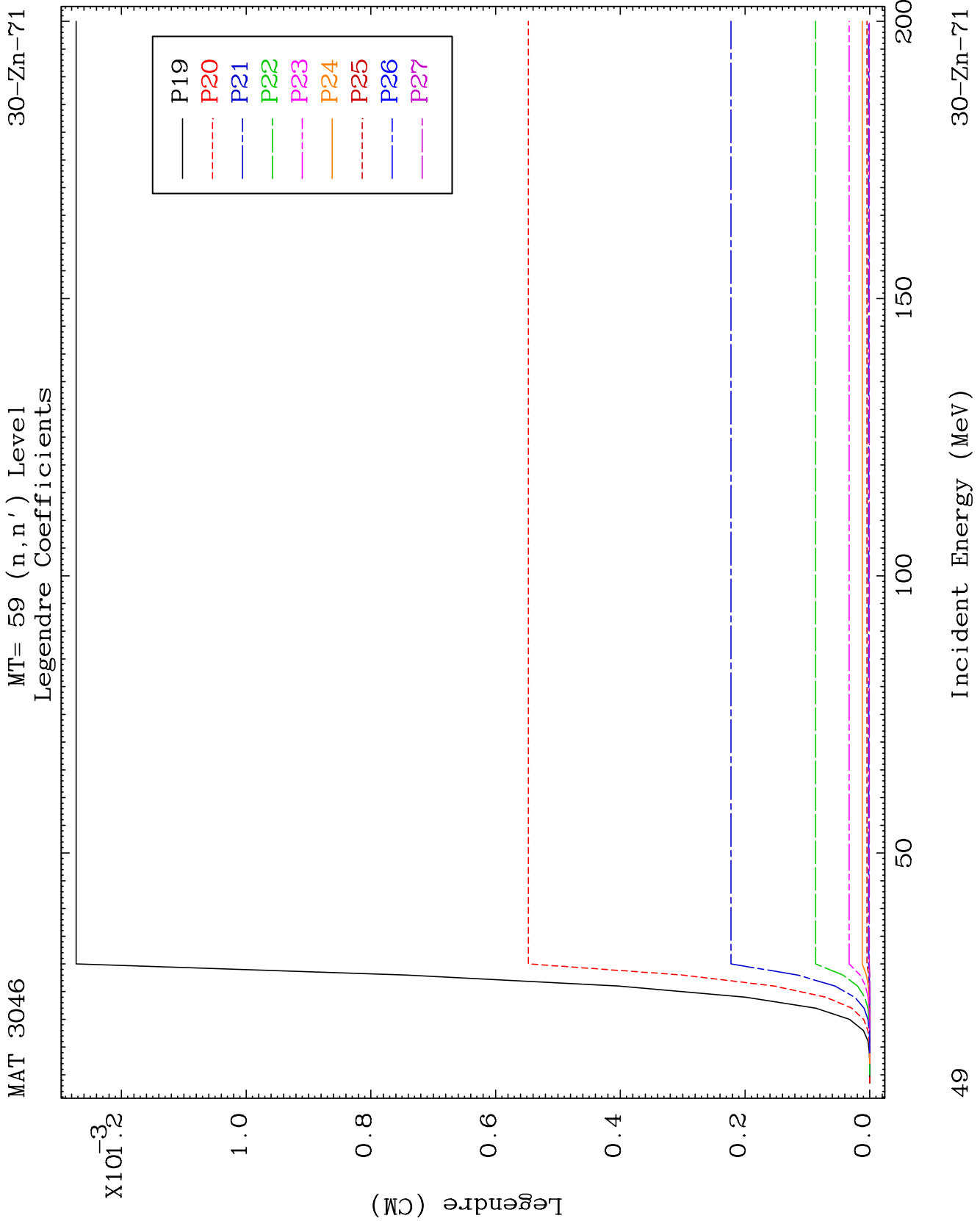
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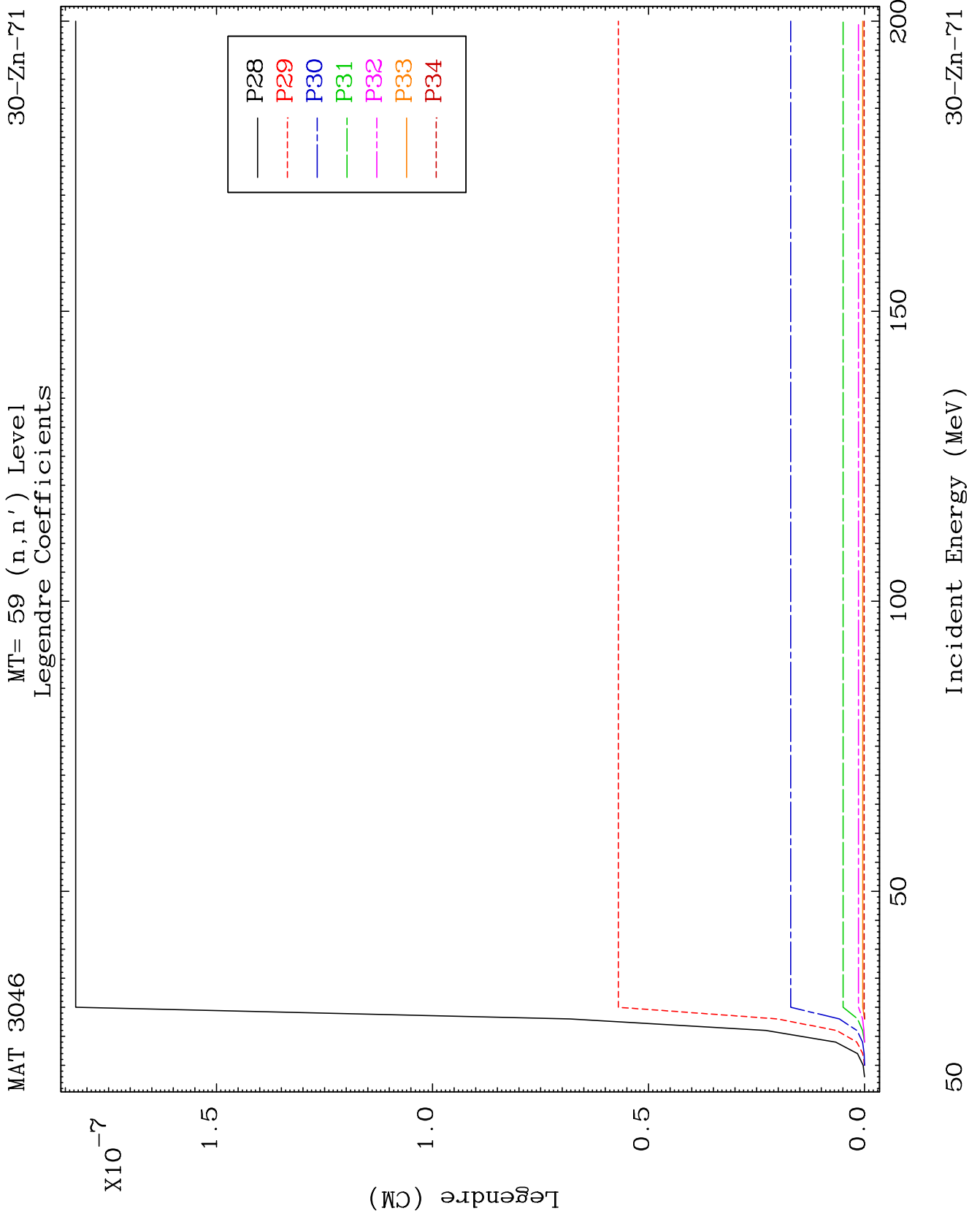








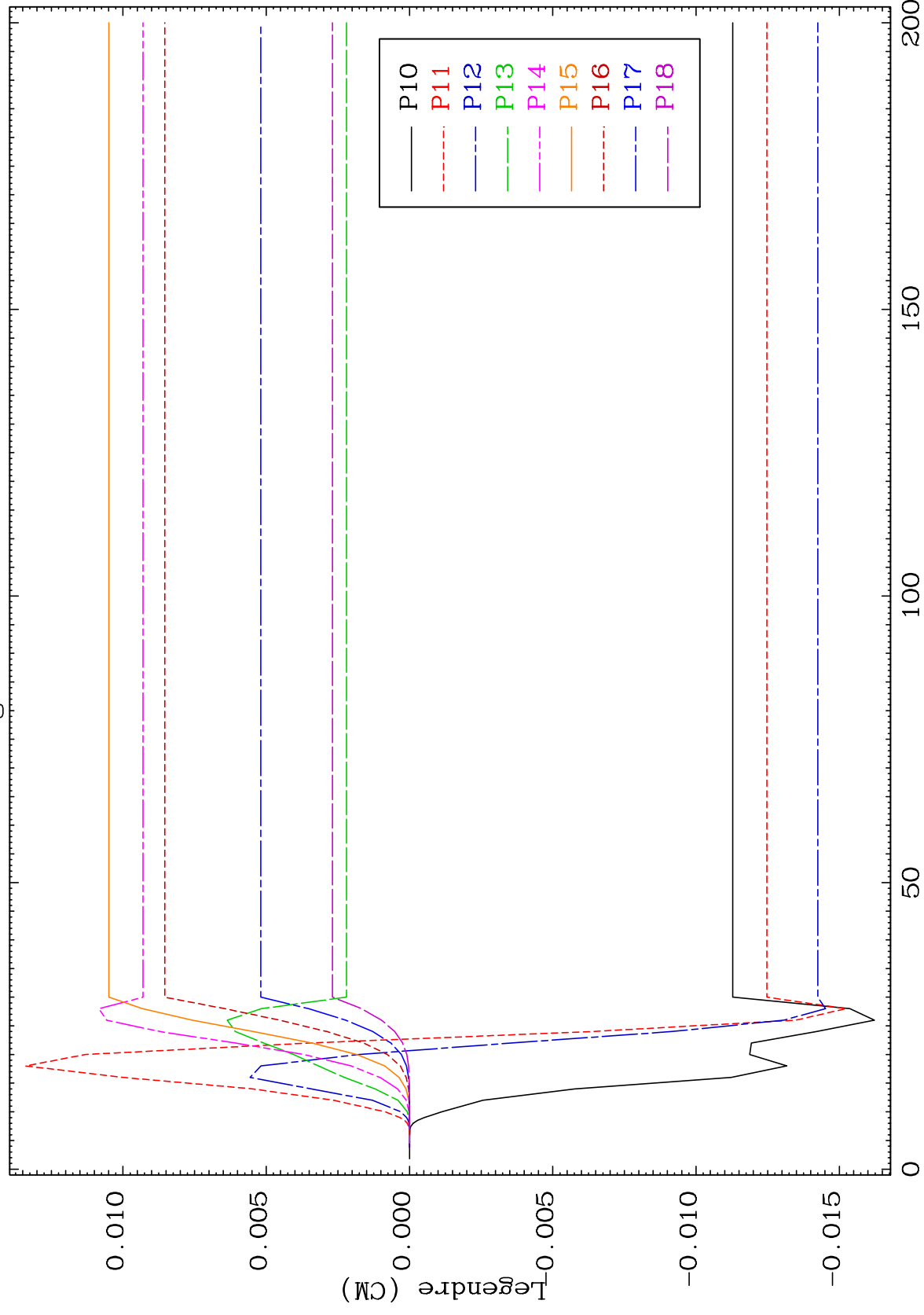




MAT 3046

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

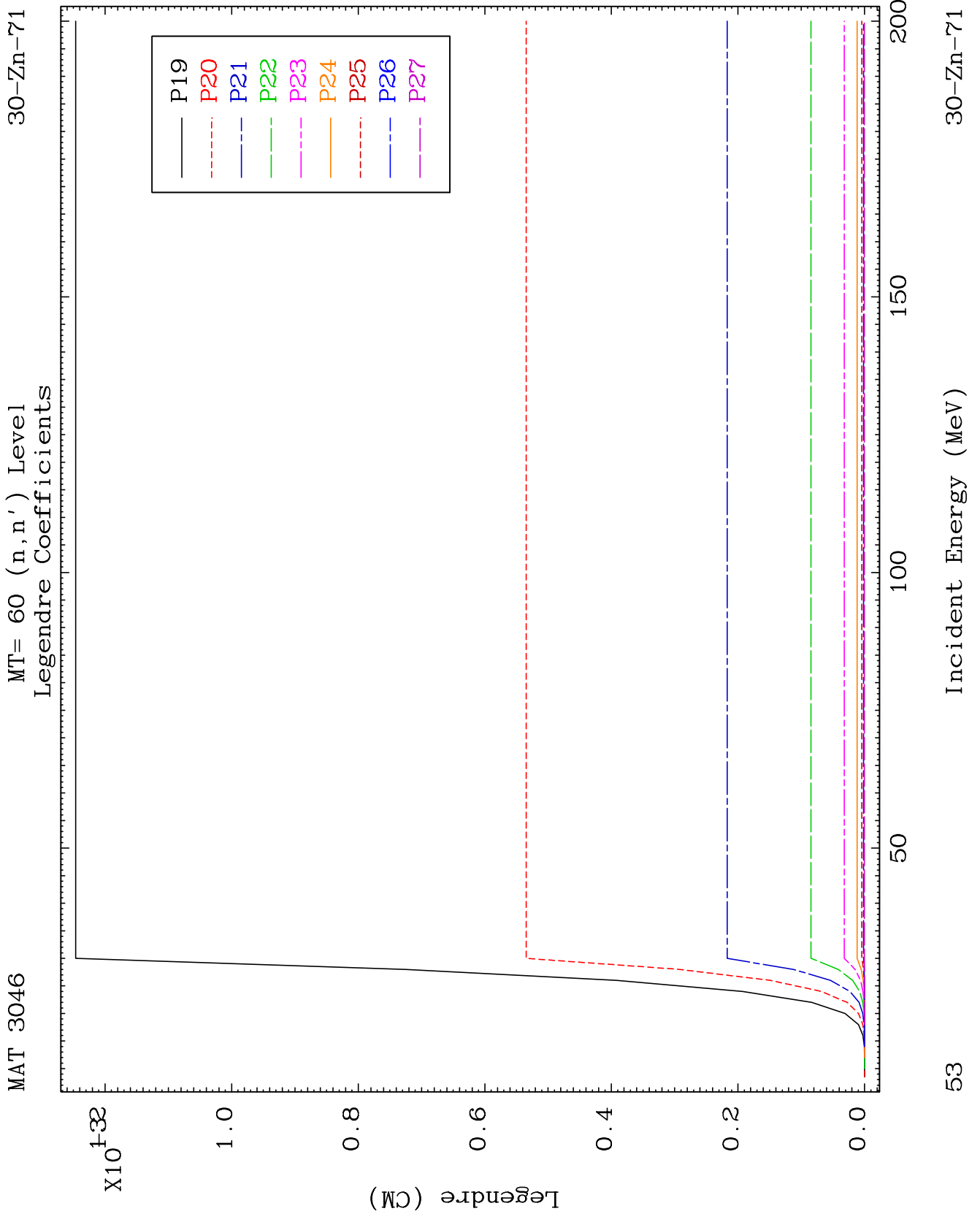
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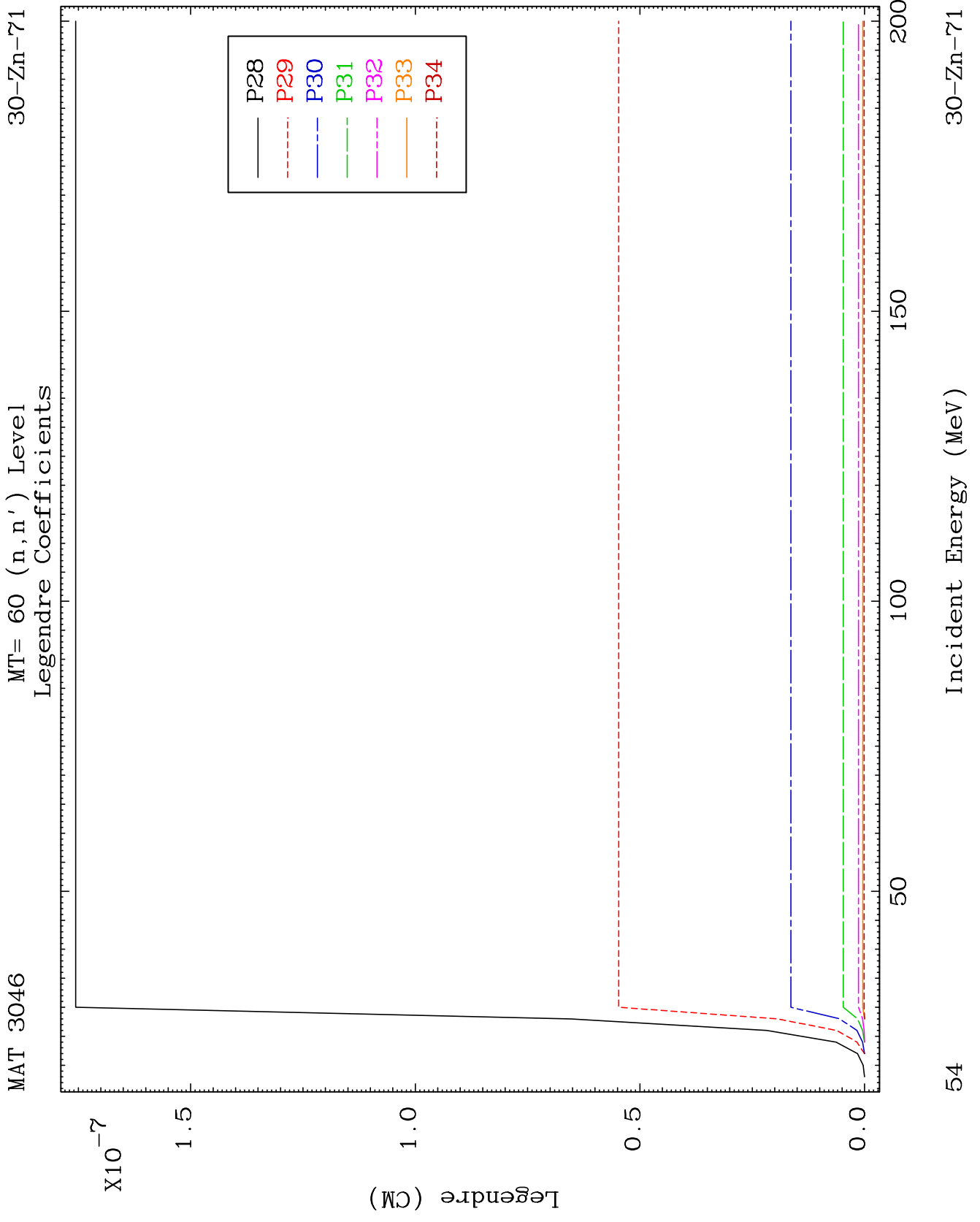


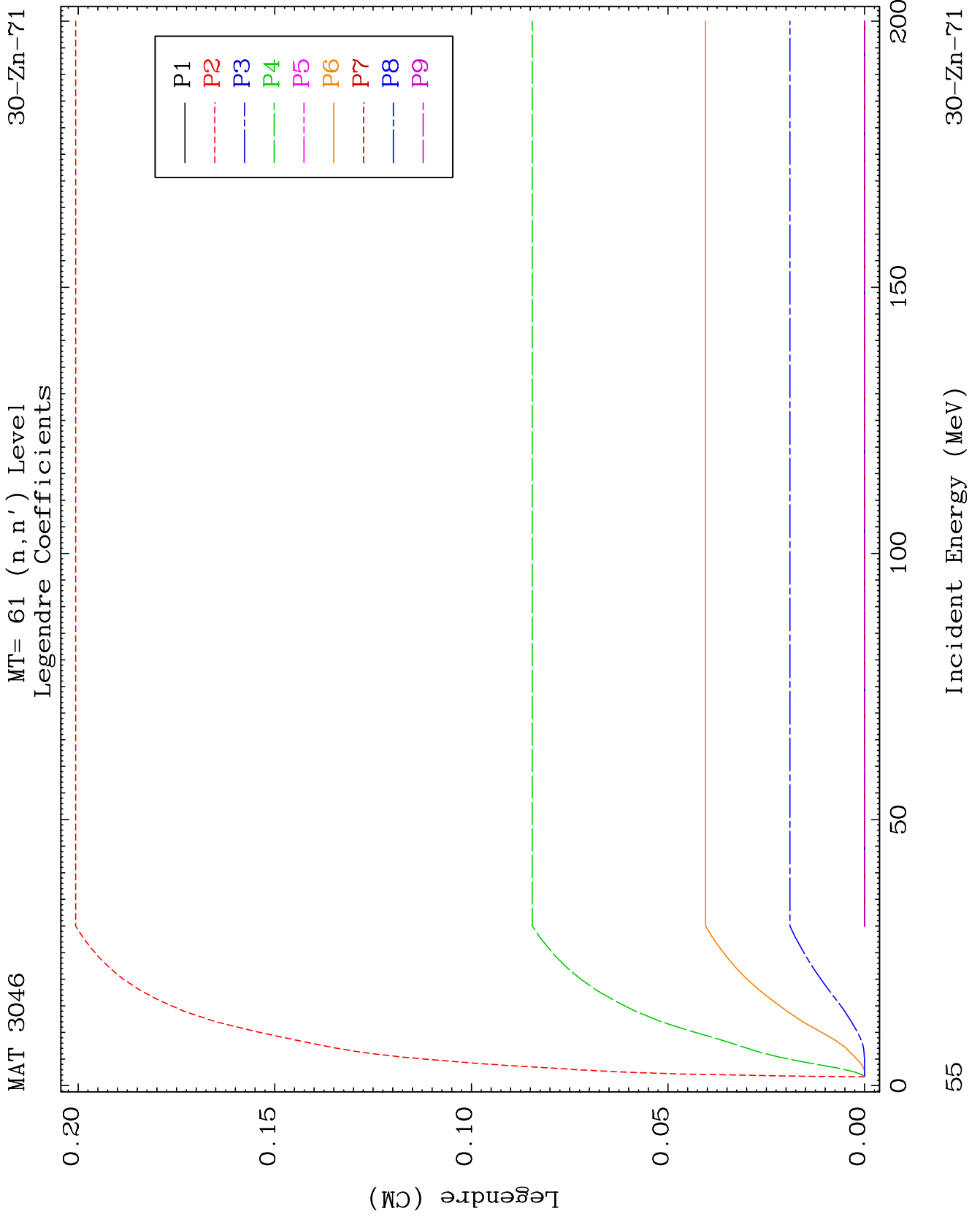
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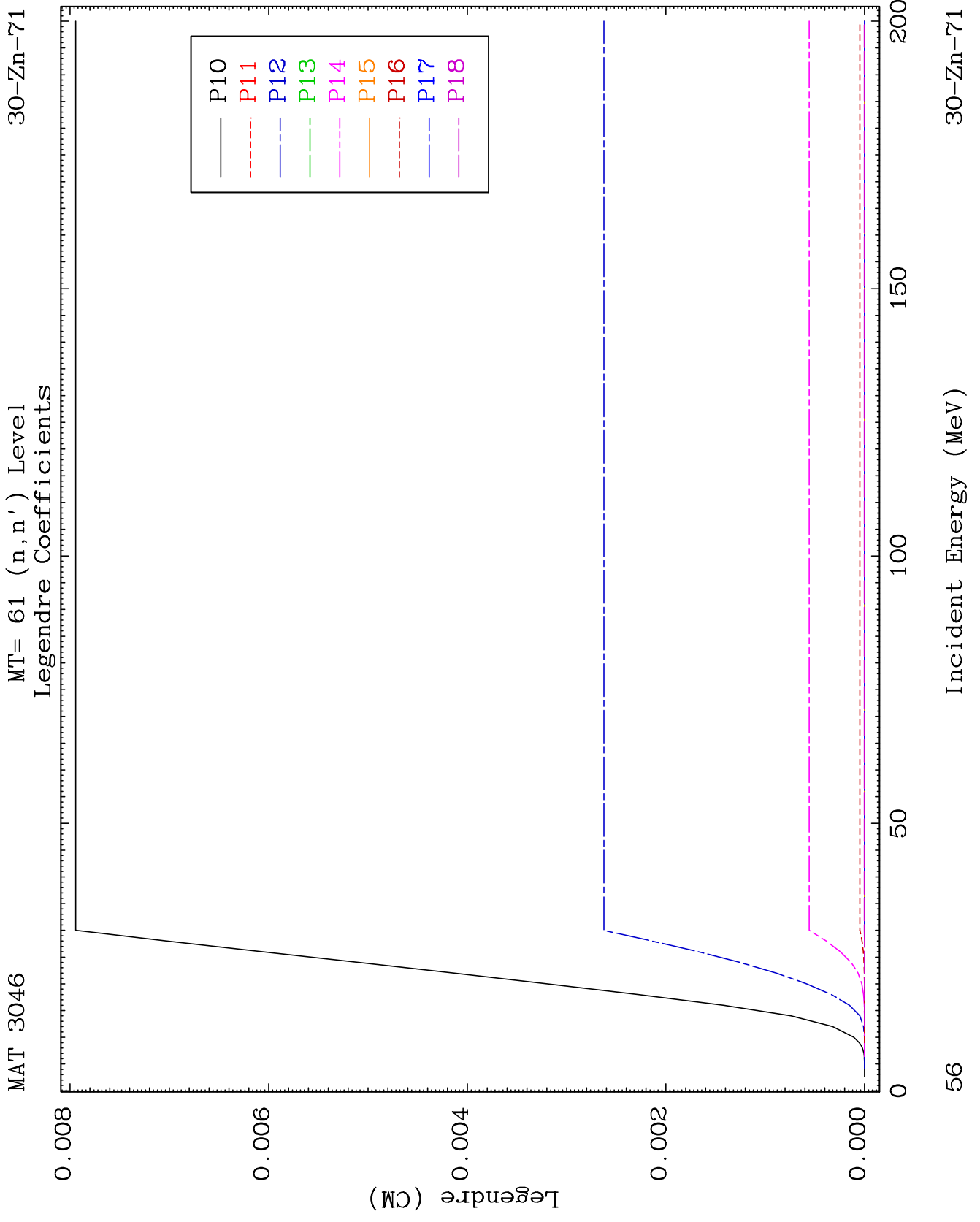
Incident Energy (MeV)

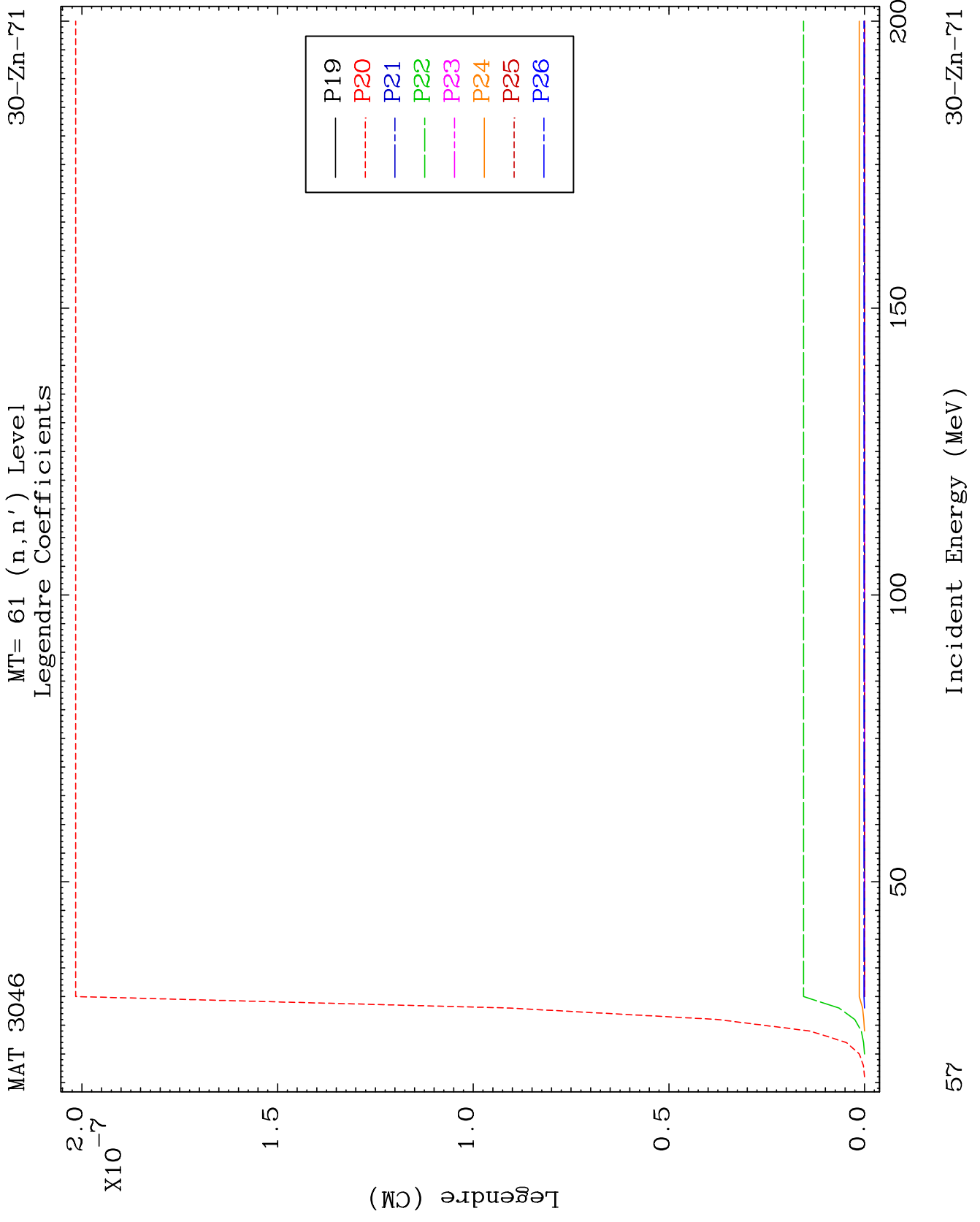
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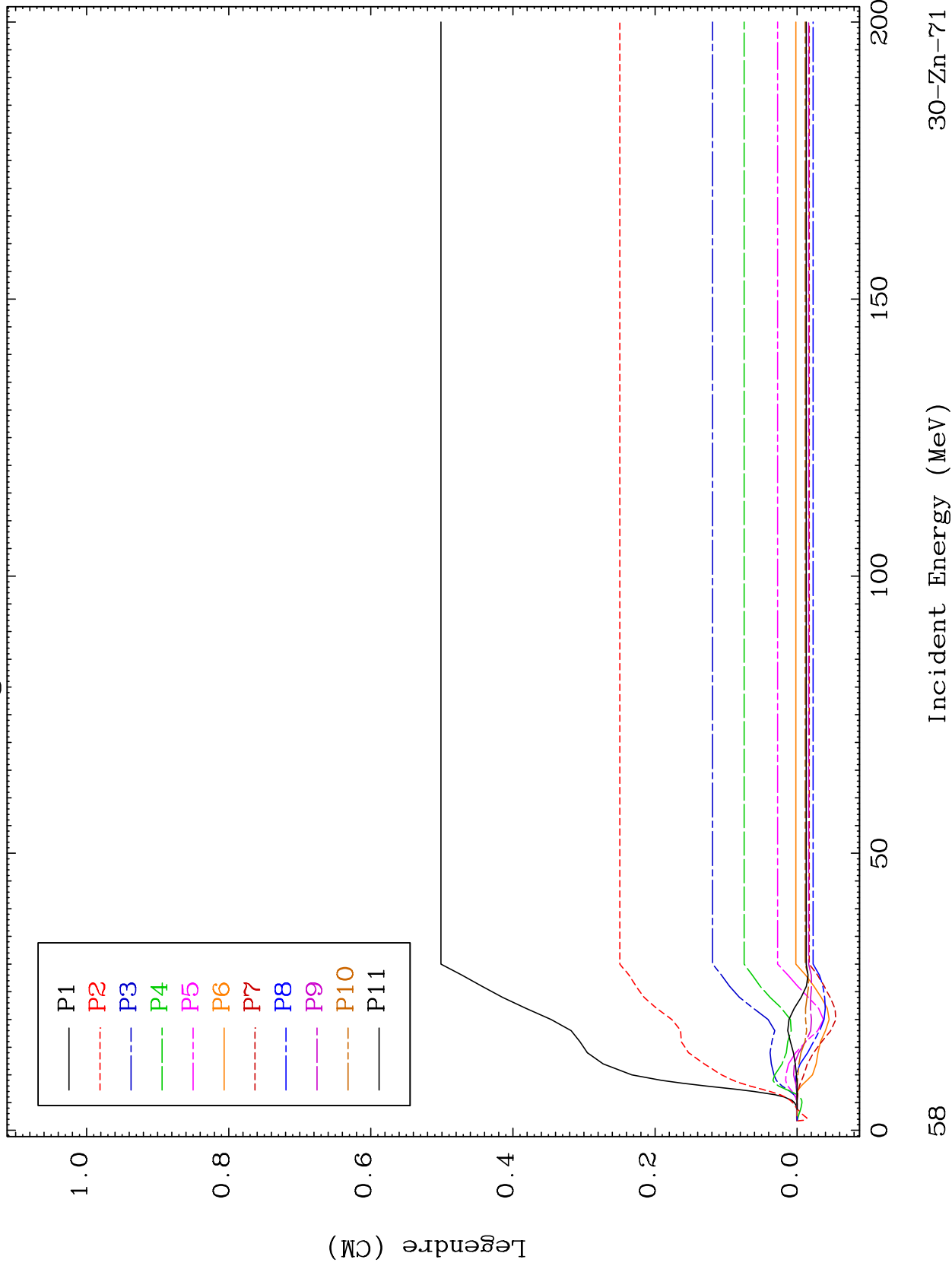




MAT 3046

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

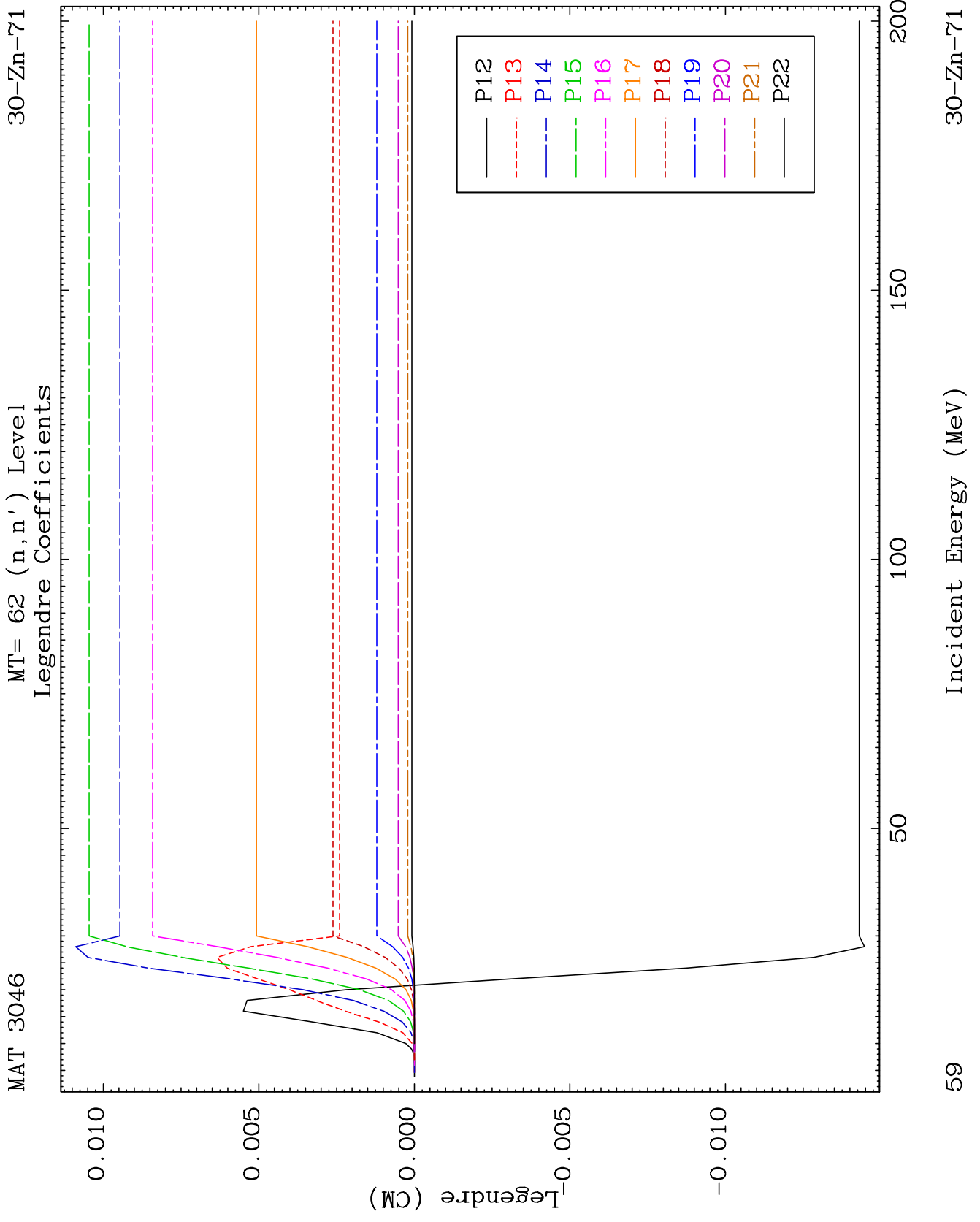
30-Zn-71



58

Incident Energy (MeV)

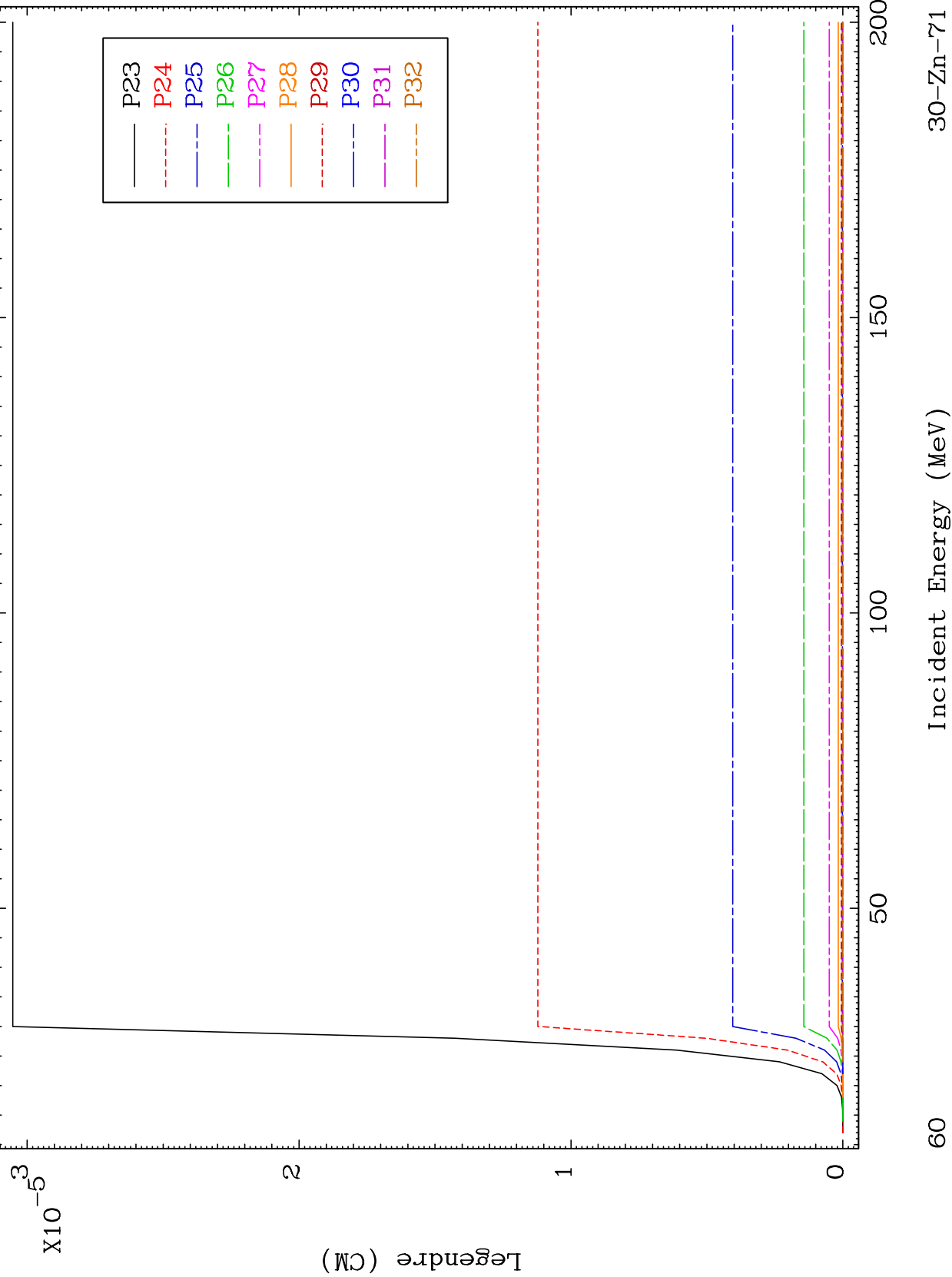
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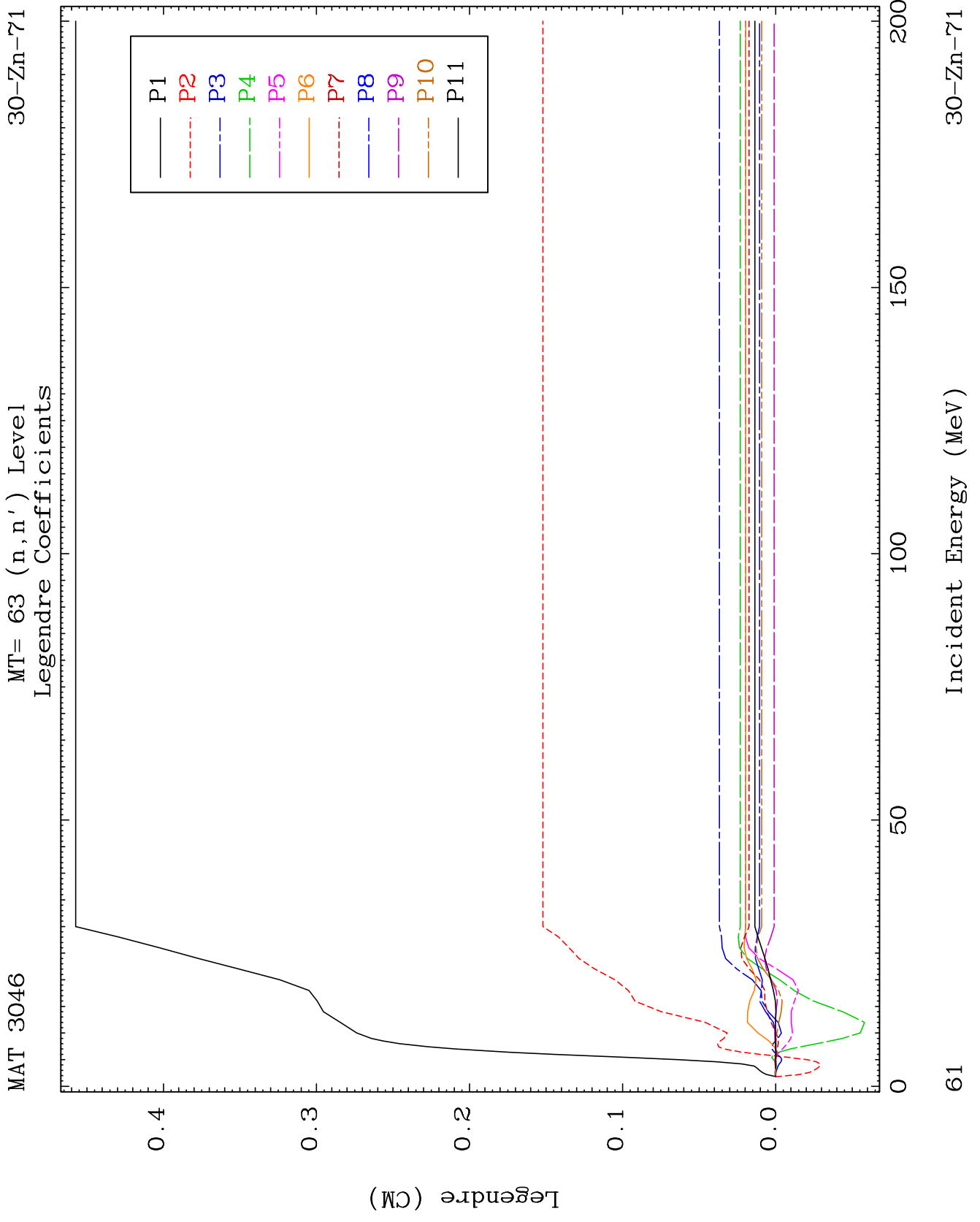


MAT 3046

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

30-Zn-71

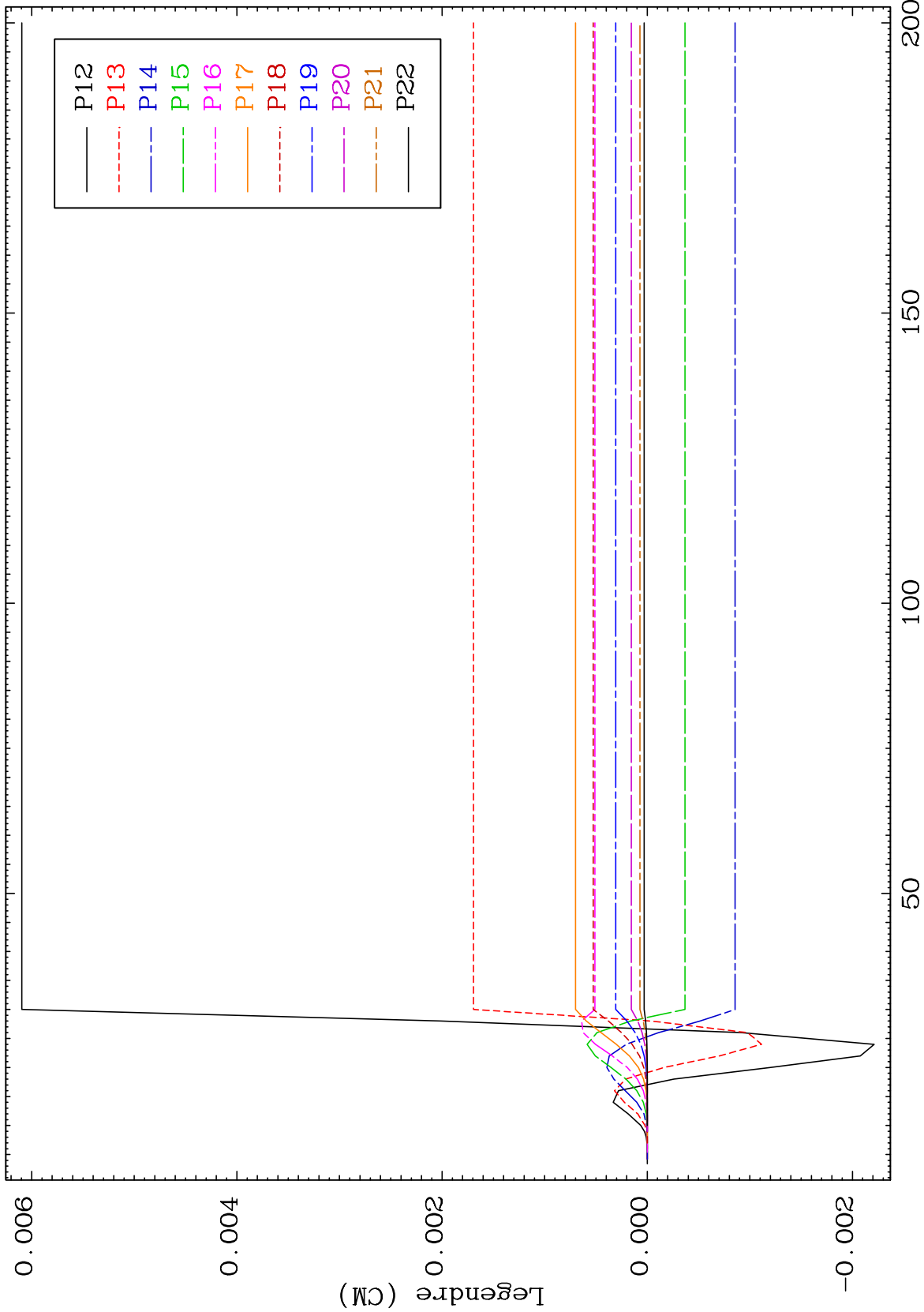




MAT 3046

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

30-Zn-71



62

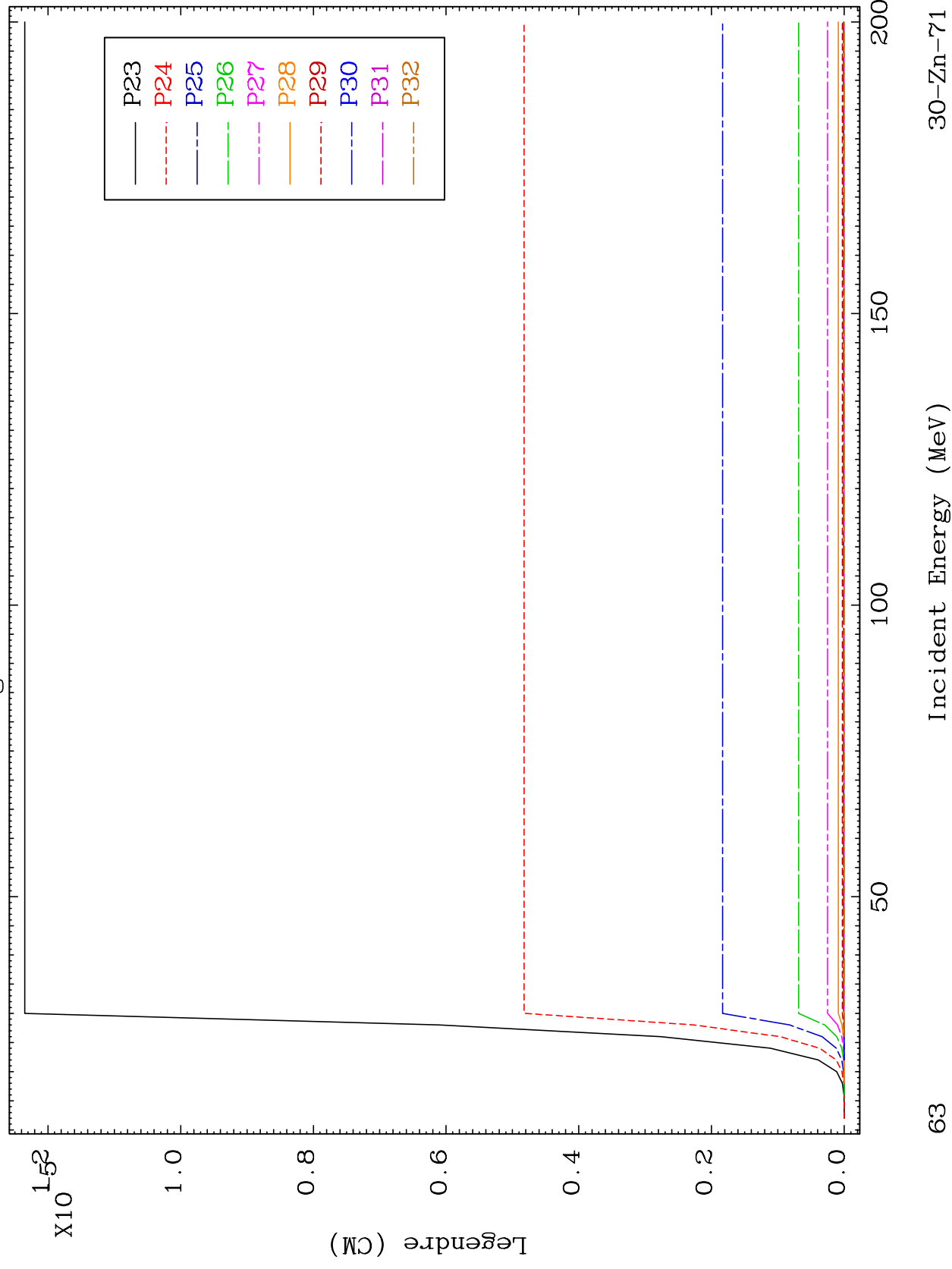
Incident Energy (MeV)

30-Zn-71

MAT 3046

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

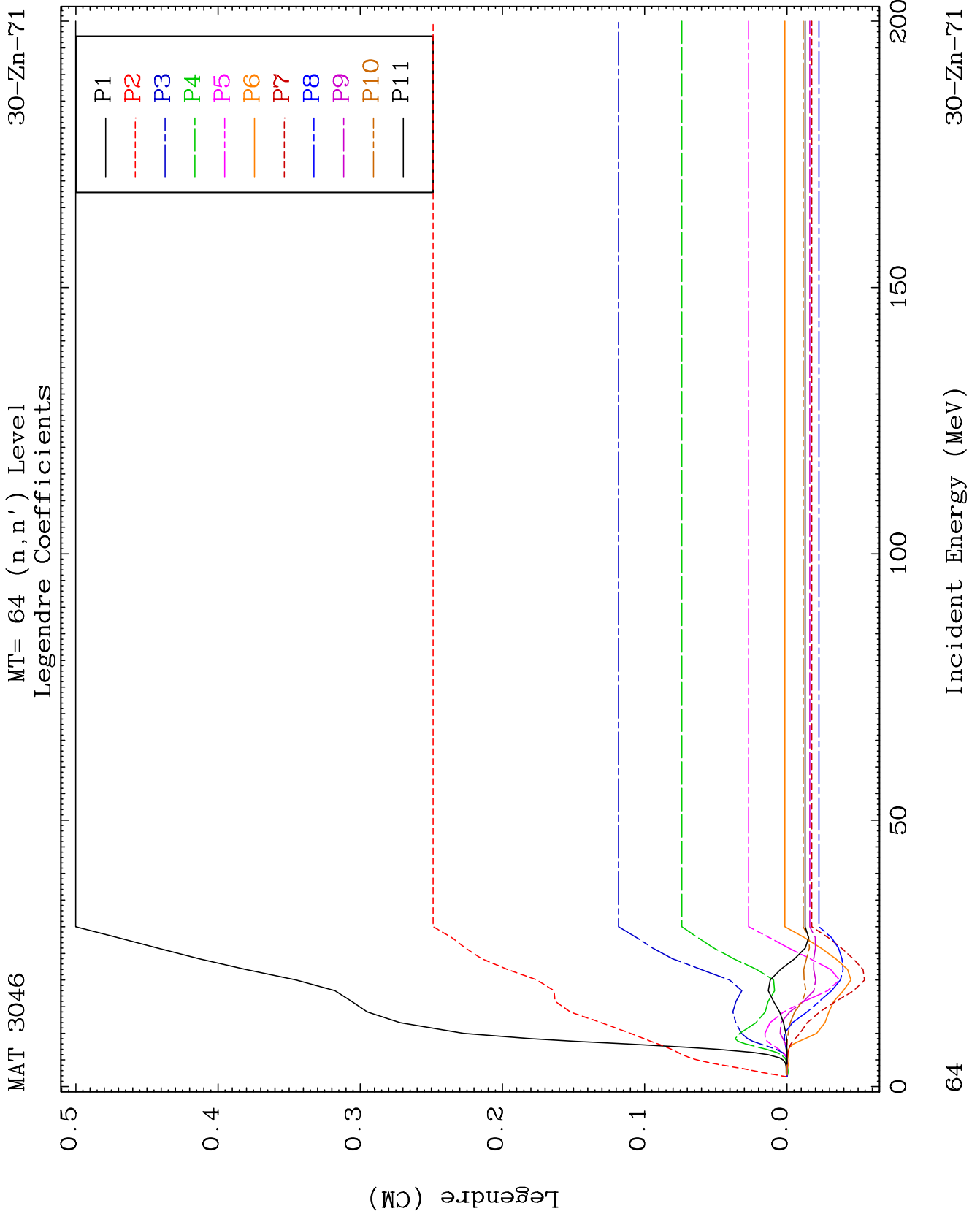
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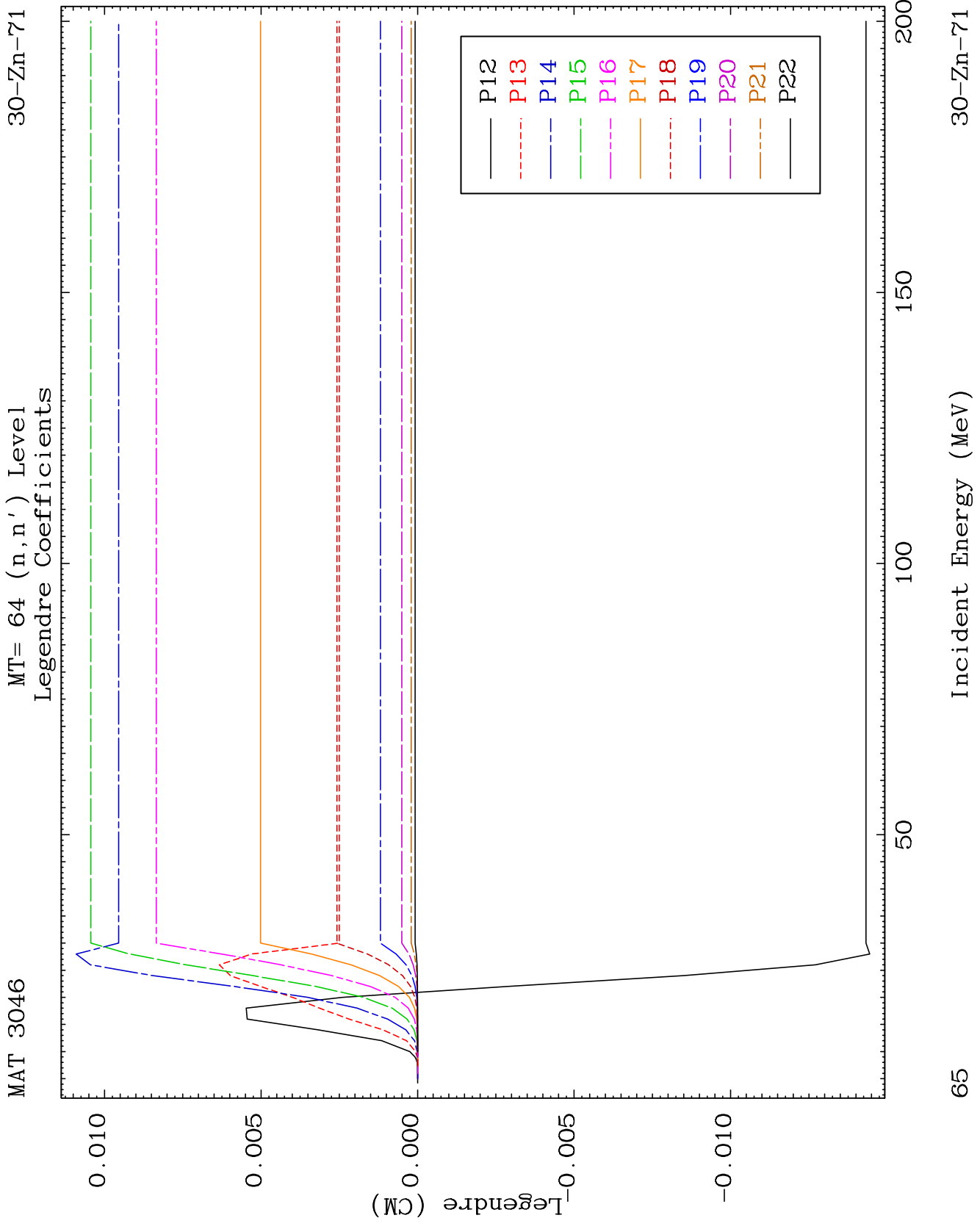


63

Incident Energy (MeV)

30-Zn-71

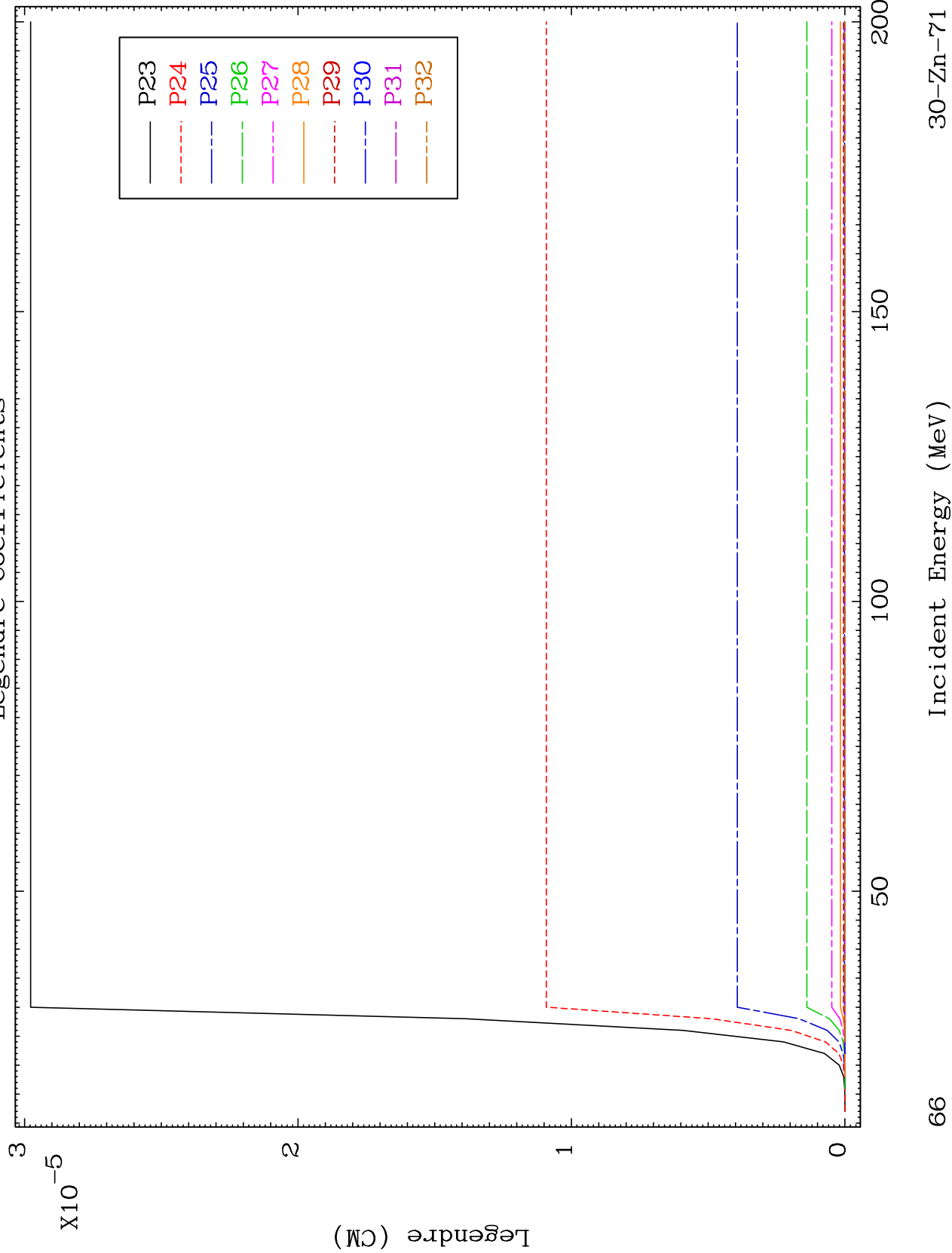




MAT 3046

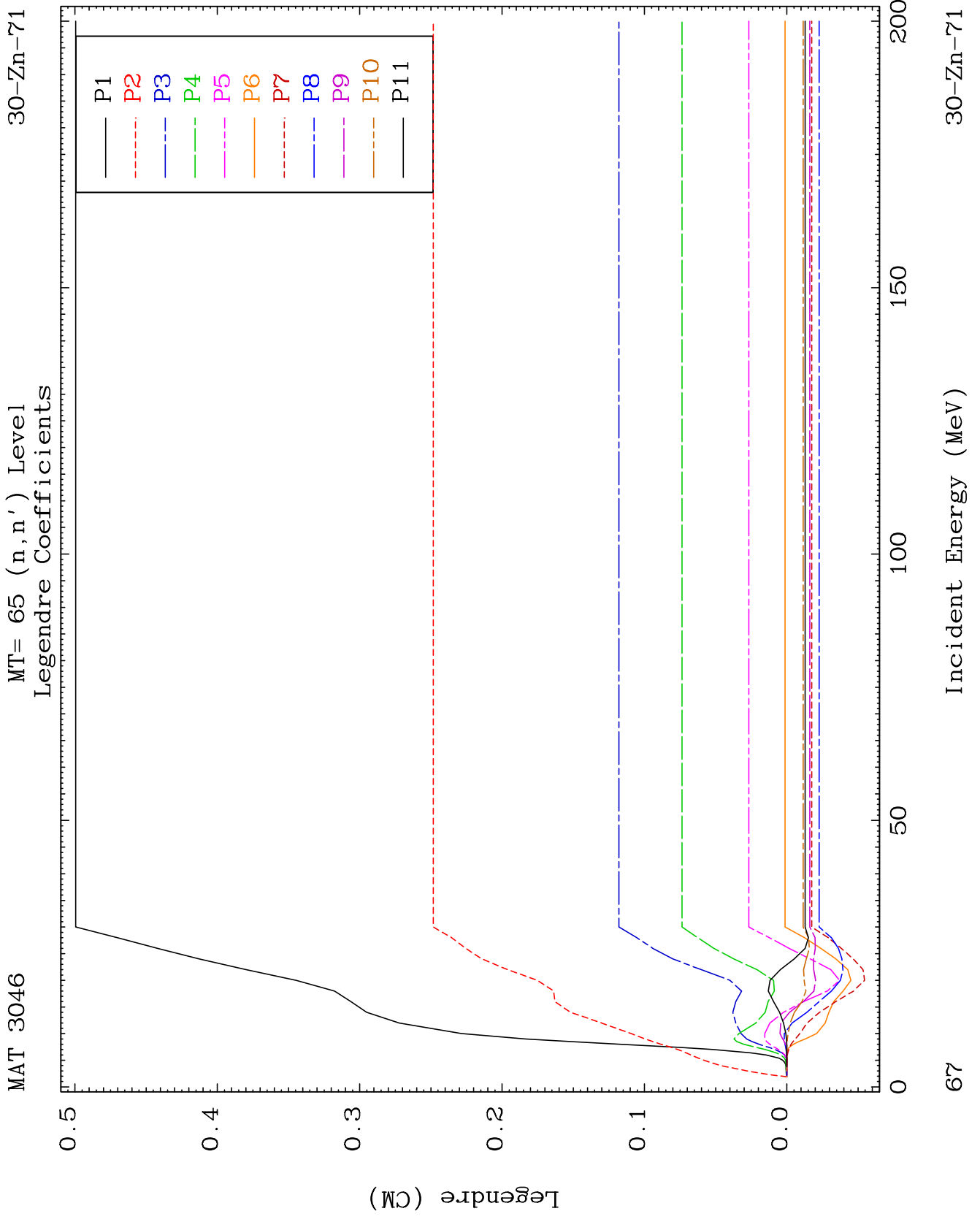
MT= 64 (n,n') Level
Legendre Coefficients

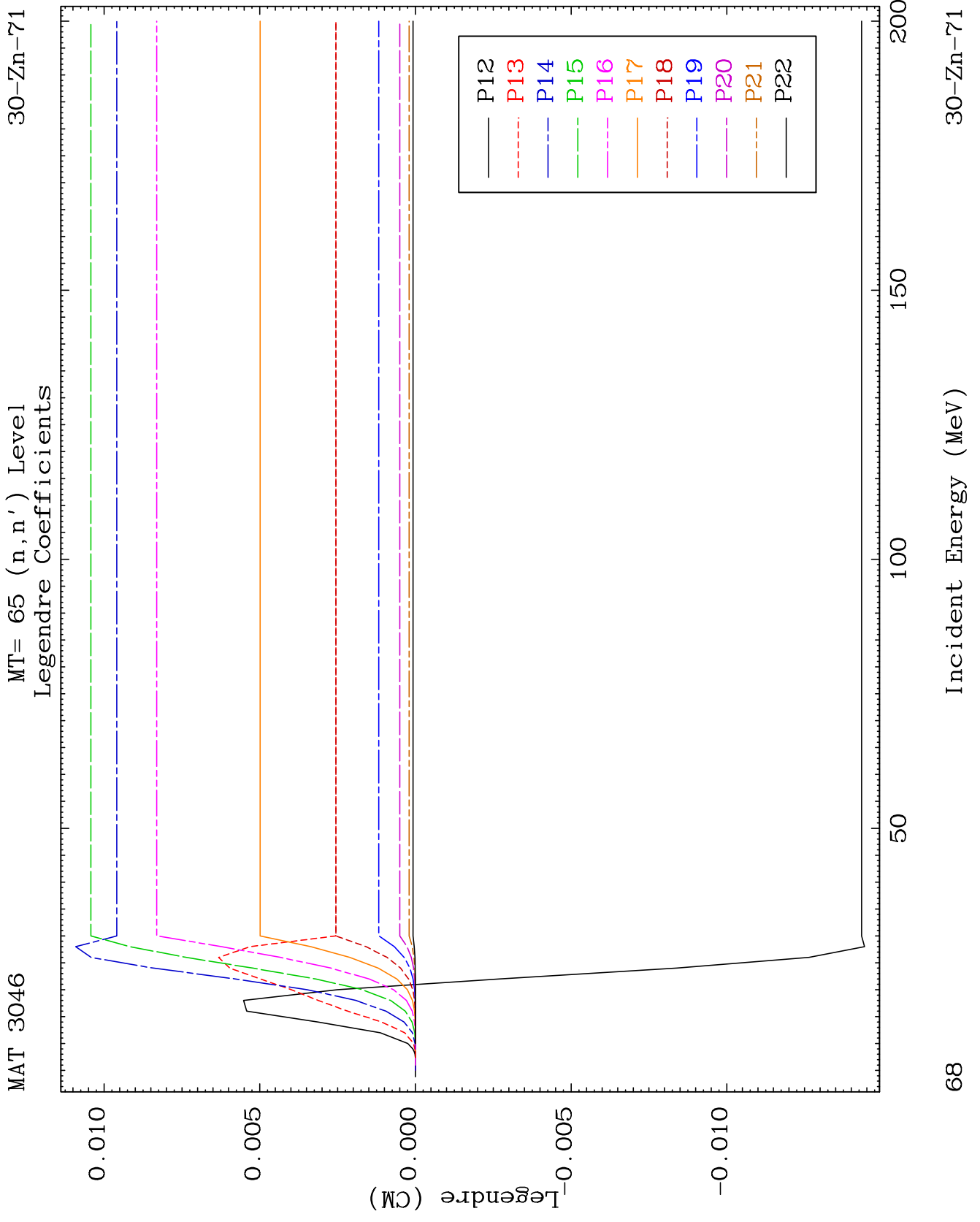
30-Zn-71



66

30-Zn-71

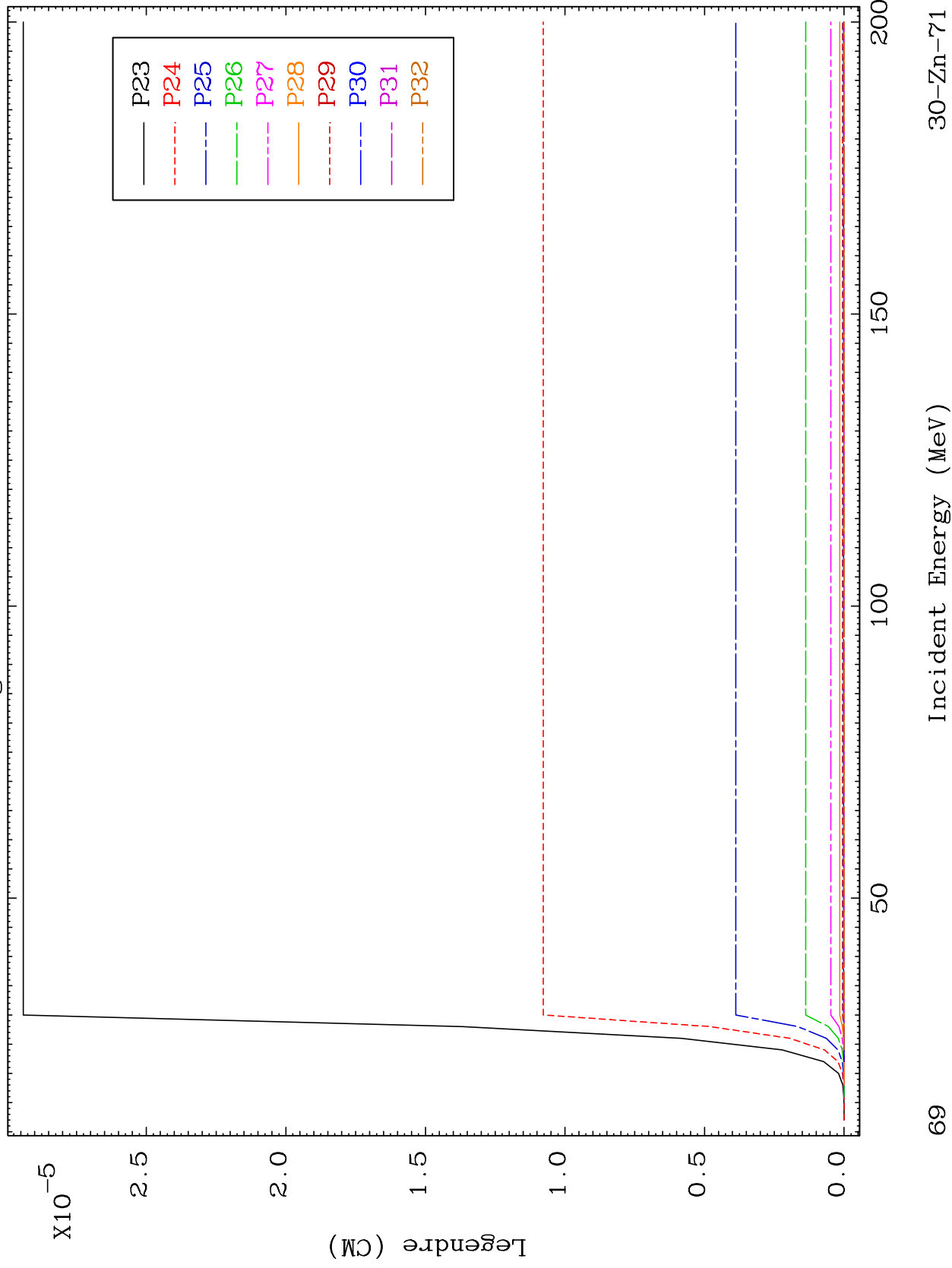




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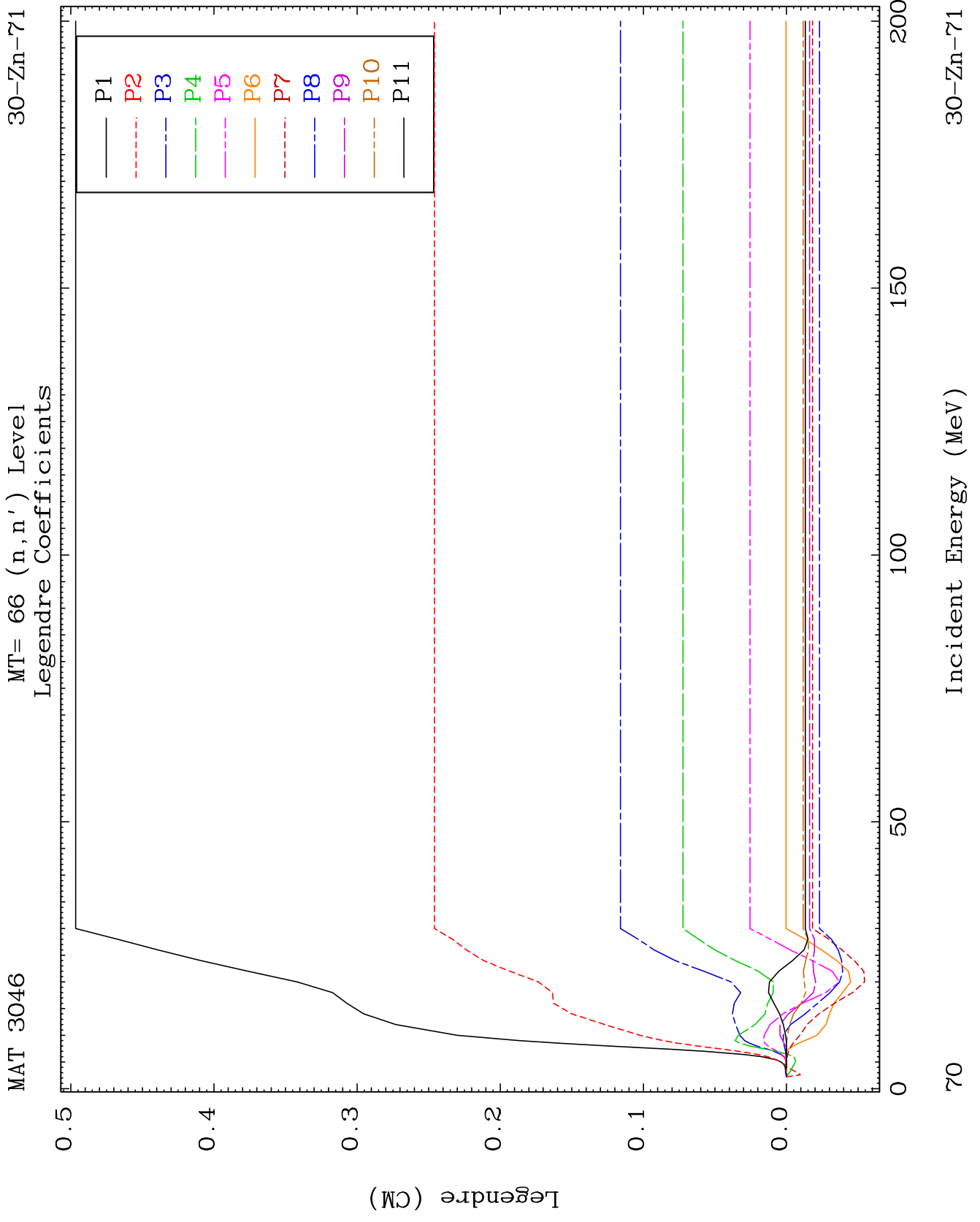
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Legendre Coefficients

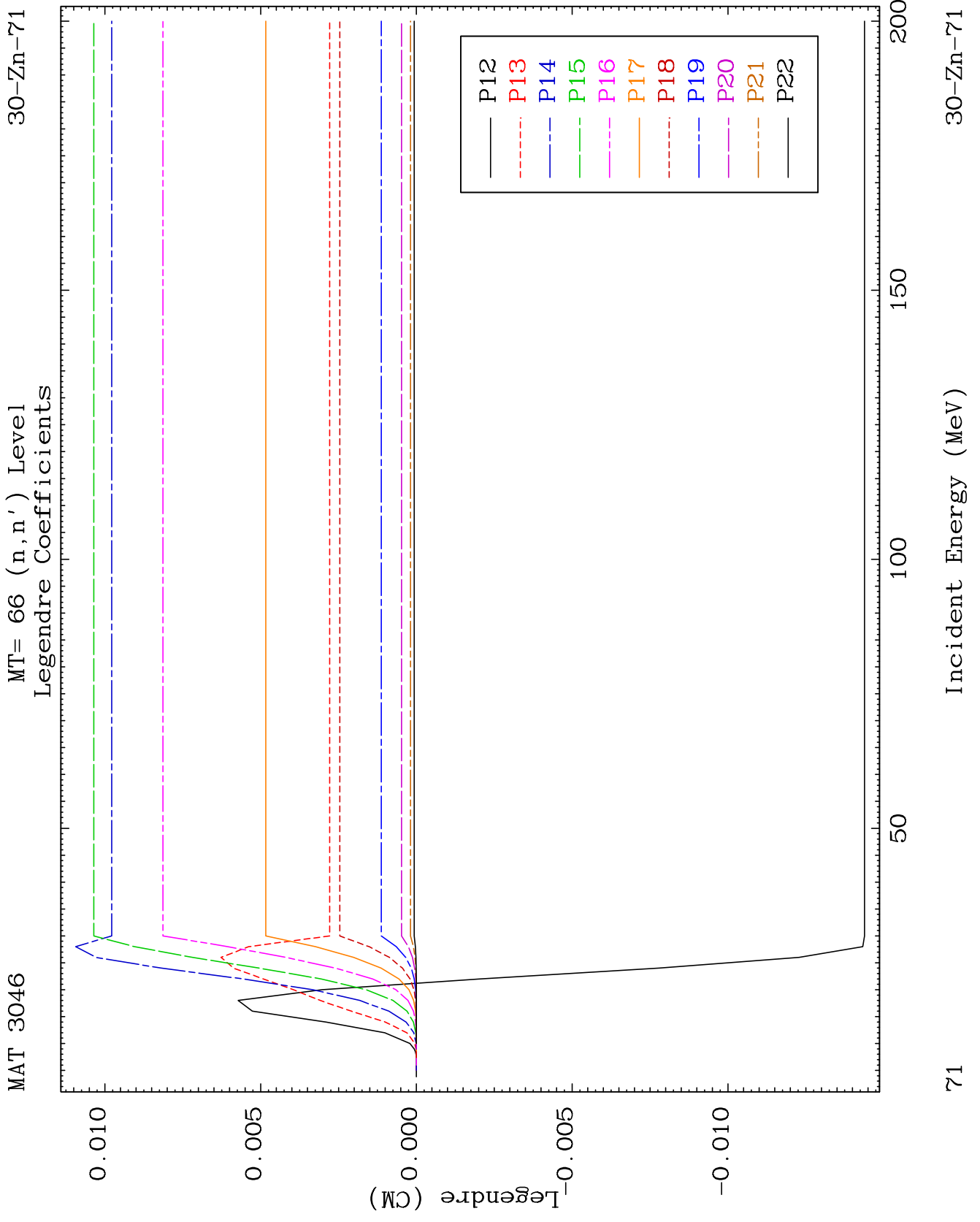
30-Zn-71



69

30-Zn-71

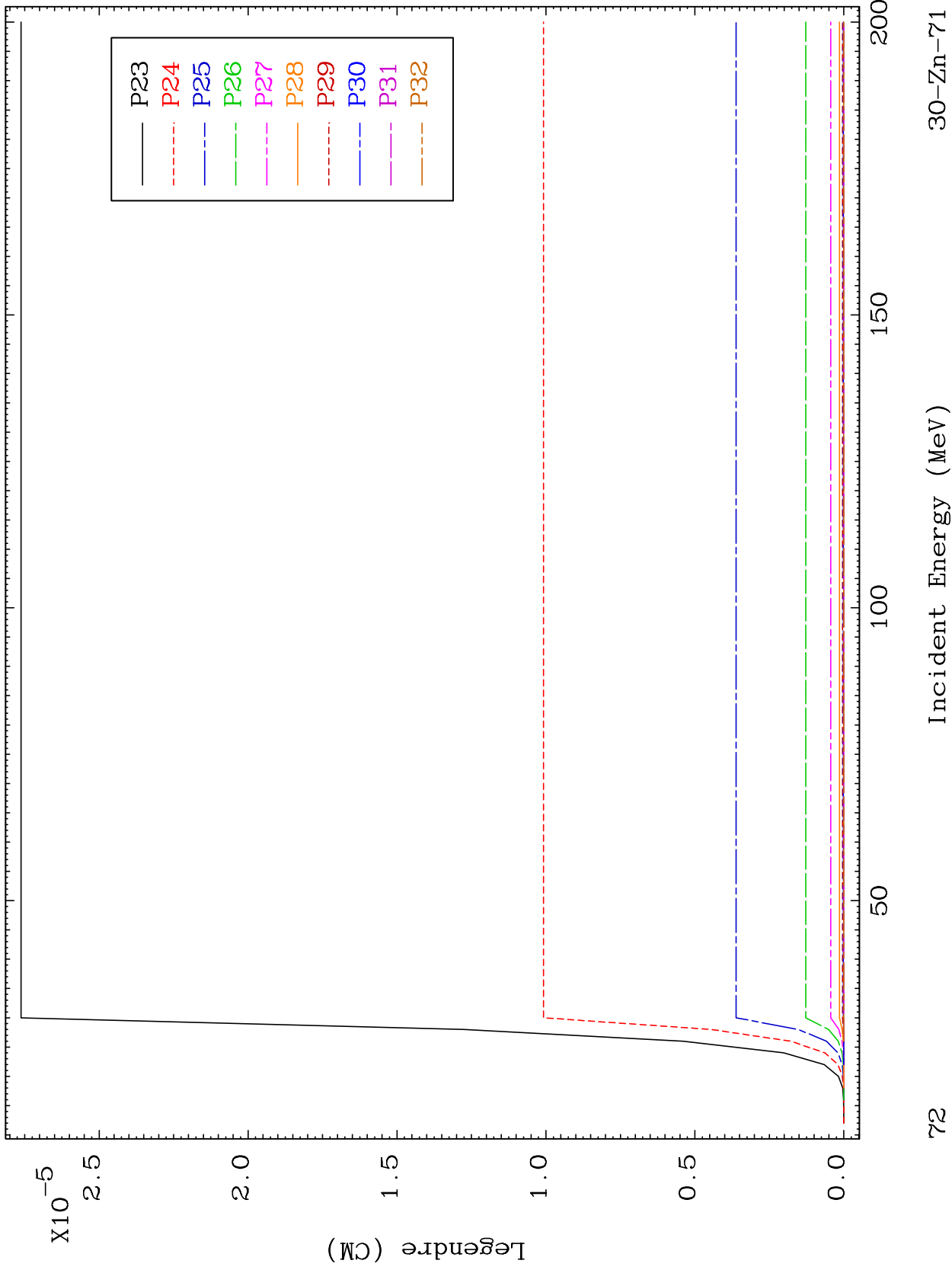




MAT 3046

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

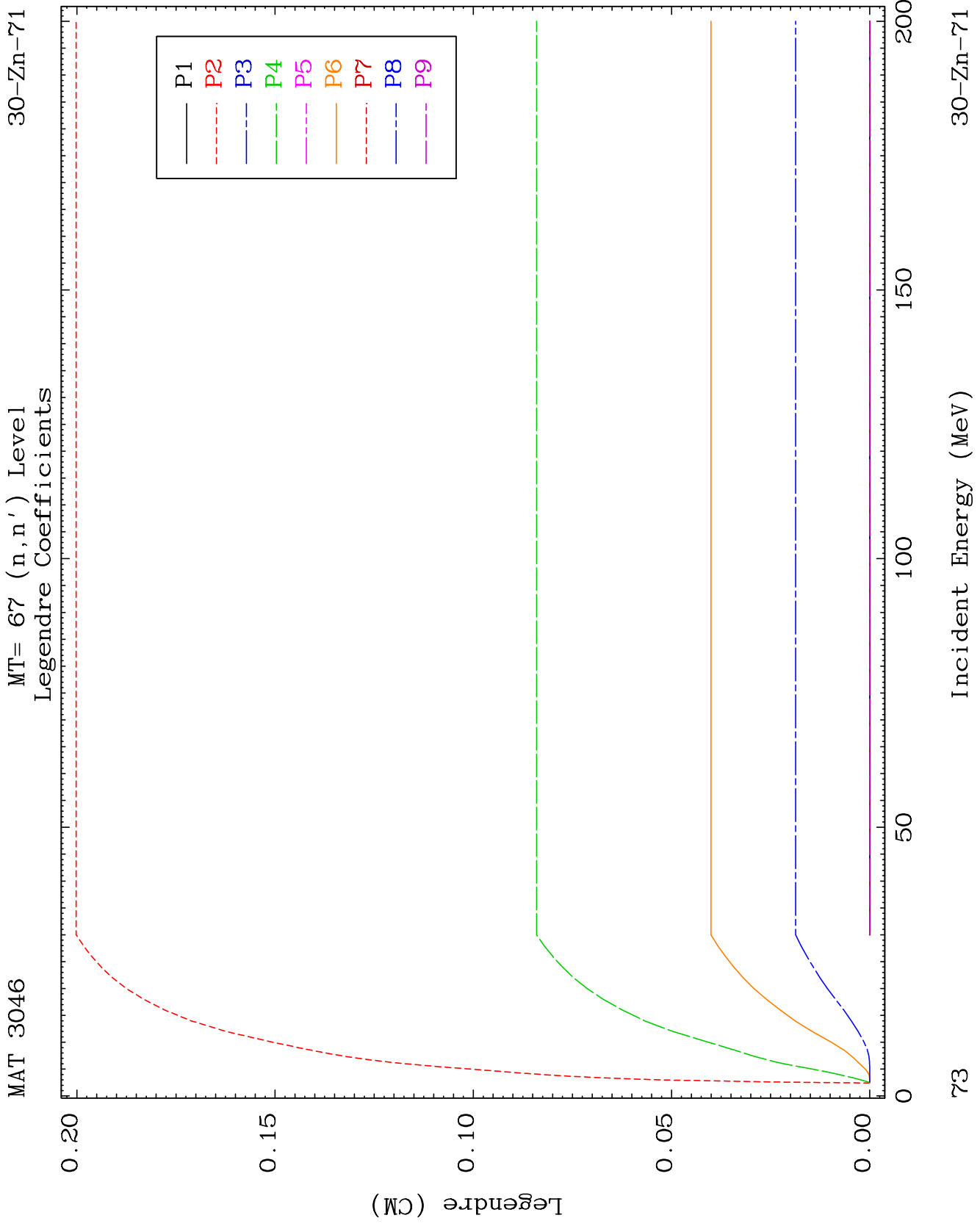
30-Zn-71



72

Incident Energy (MeV)

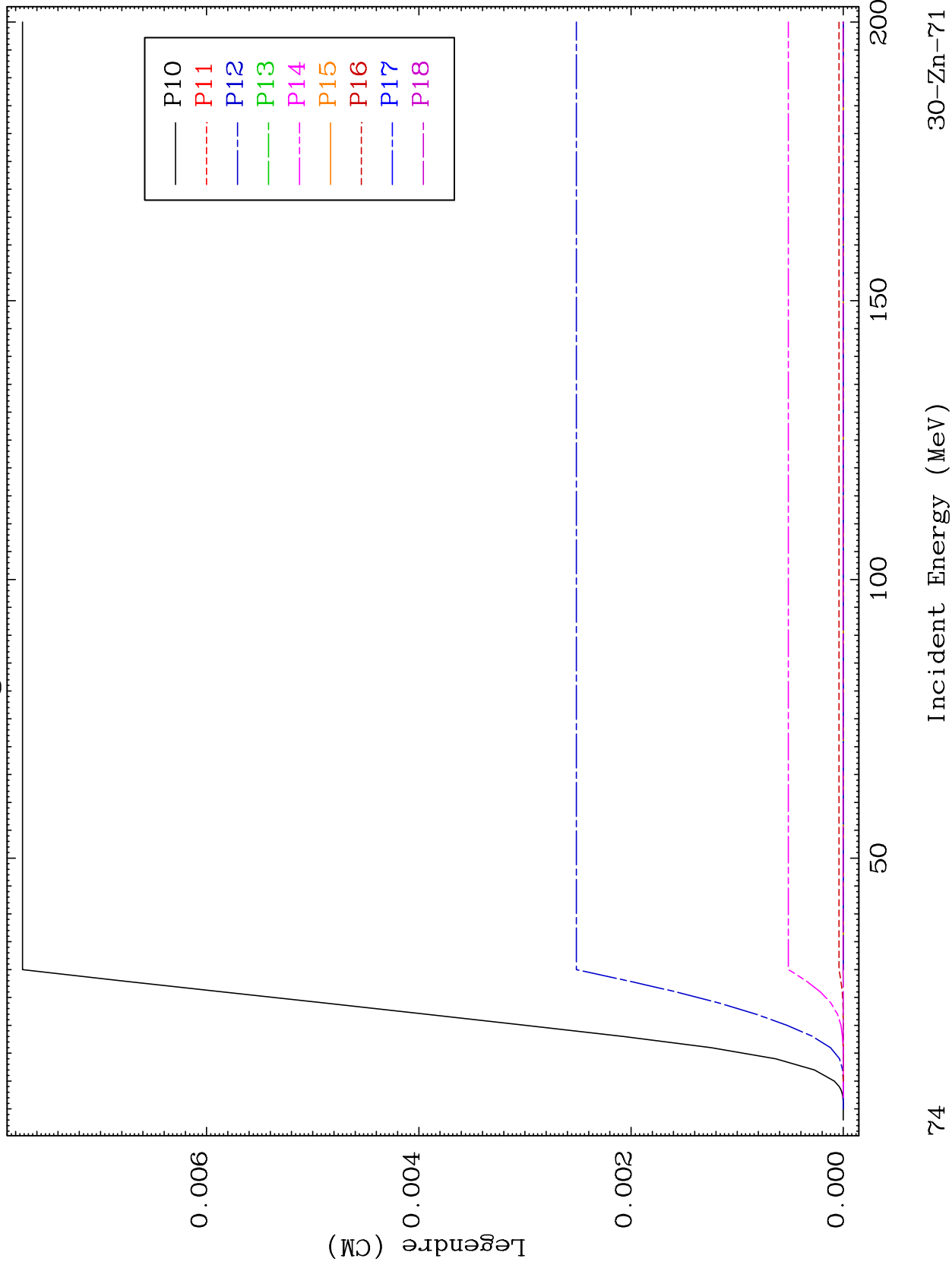
30-Zn-71



MAT 3046

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

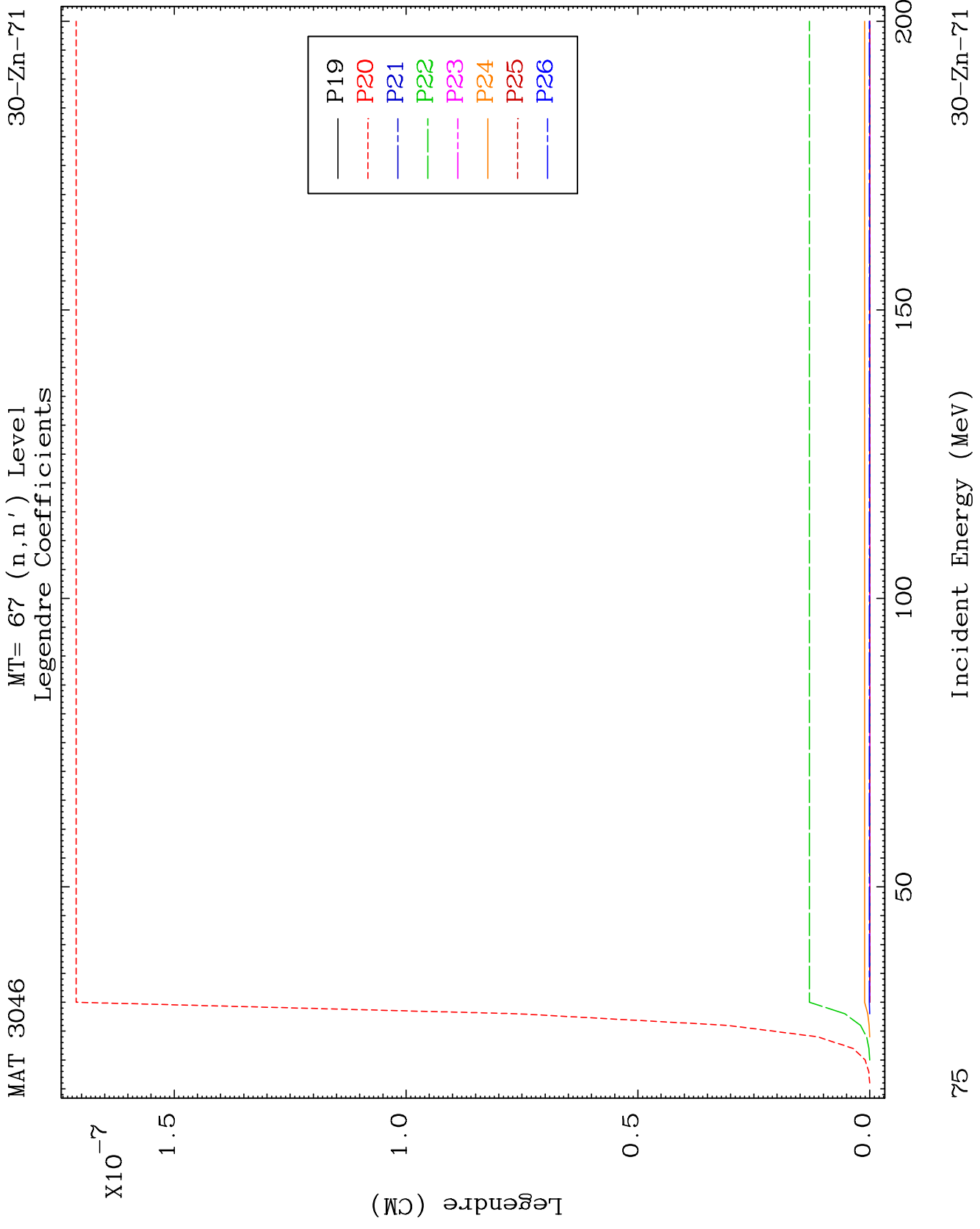
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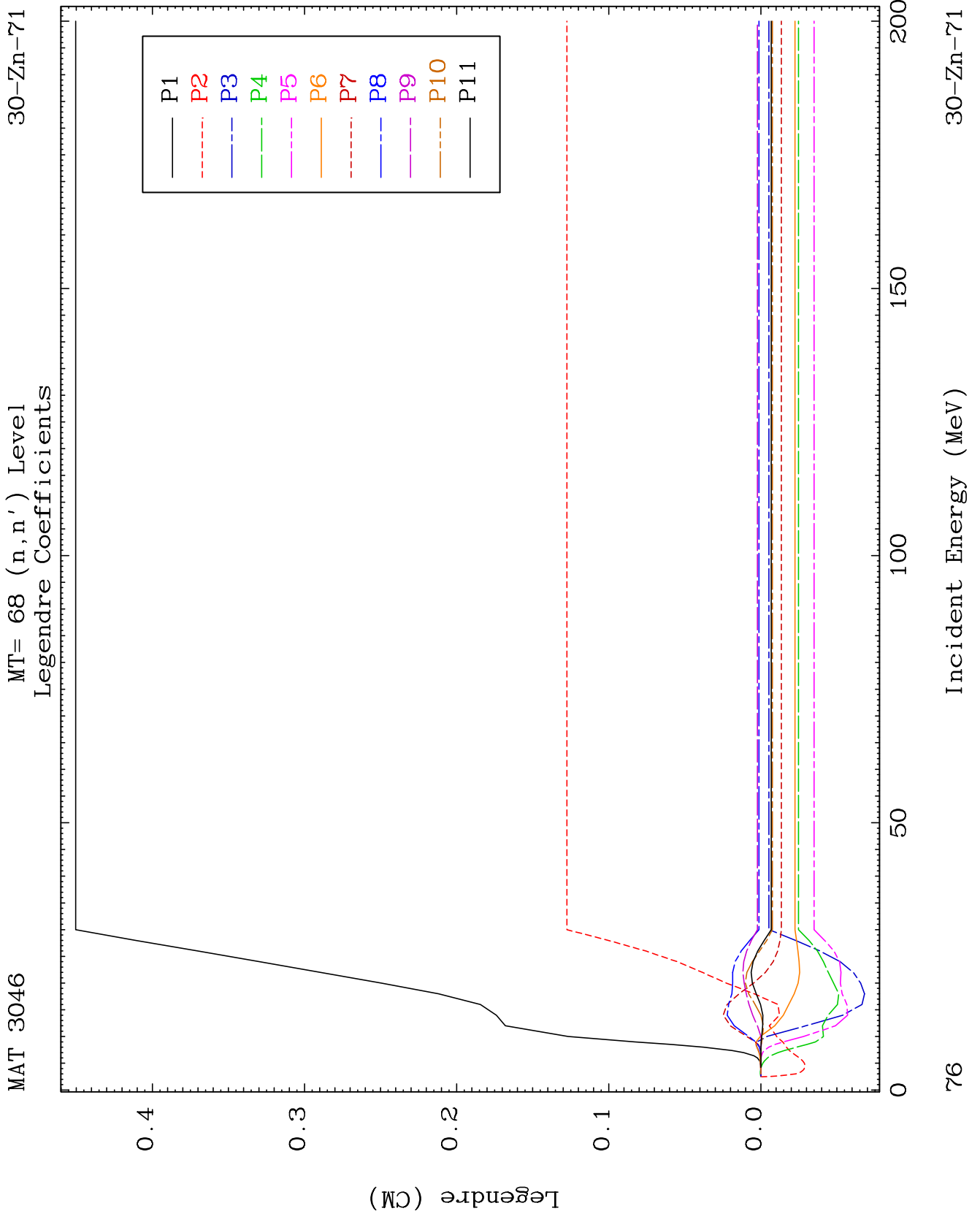


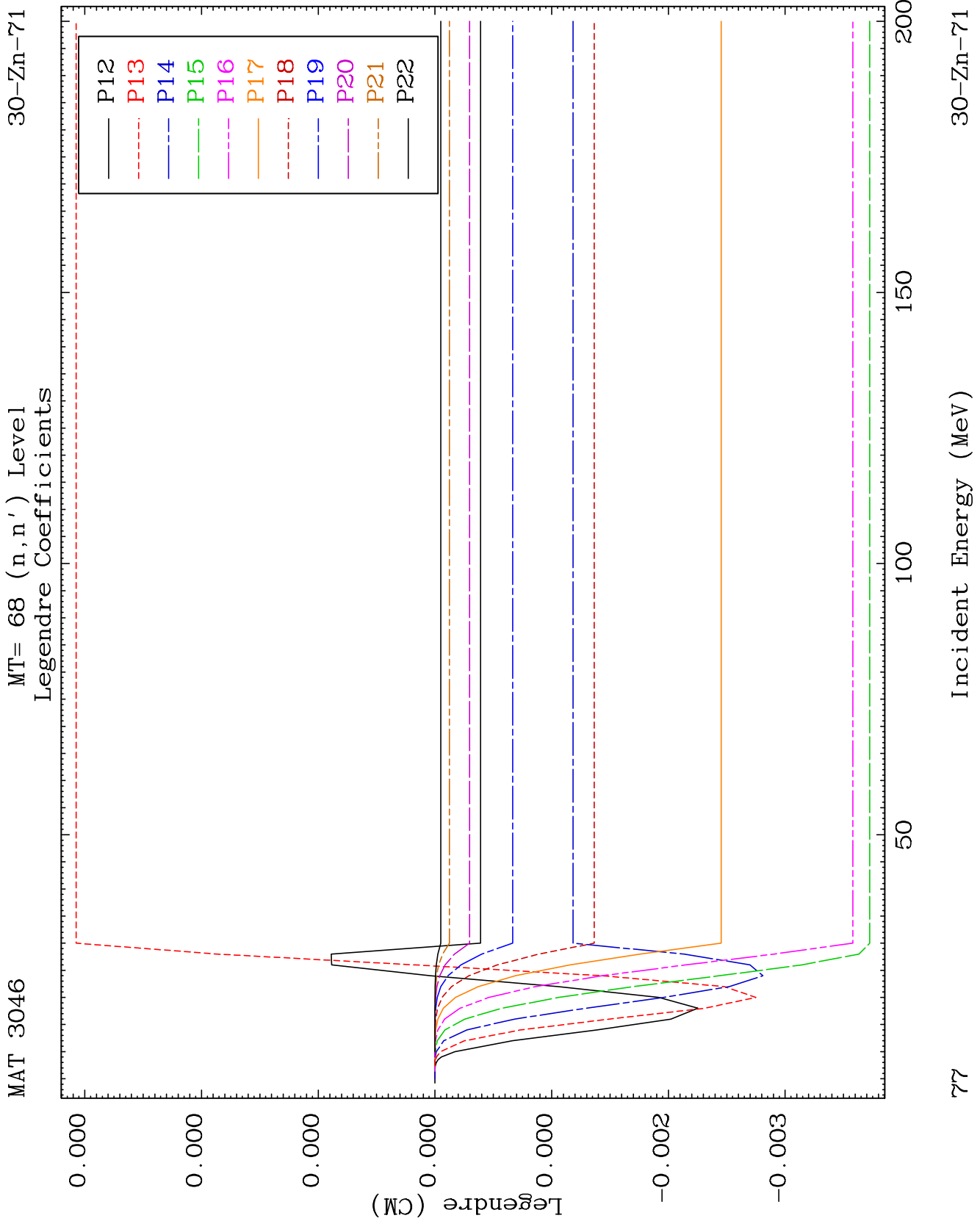
74

Incident Energy (MeV)

30-Zn-71



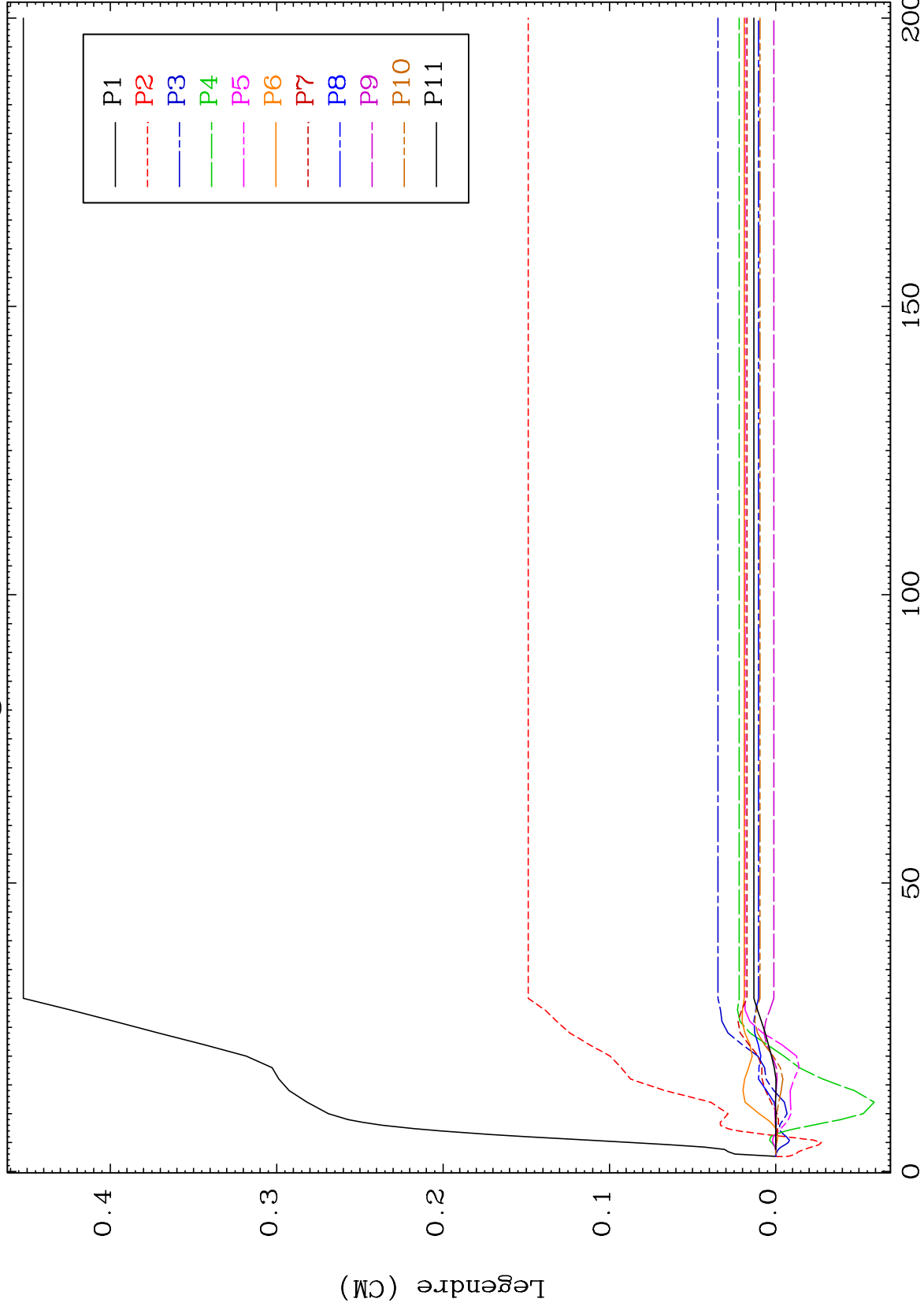




MAT 3046

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

30-Zn-71



79

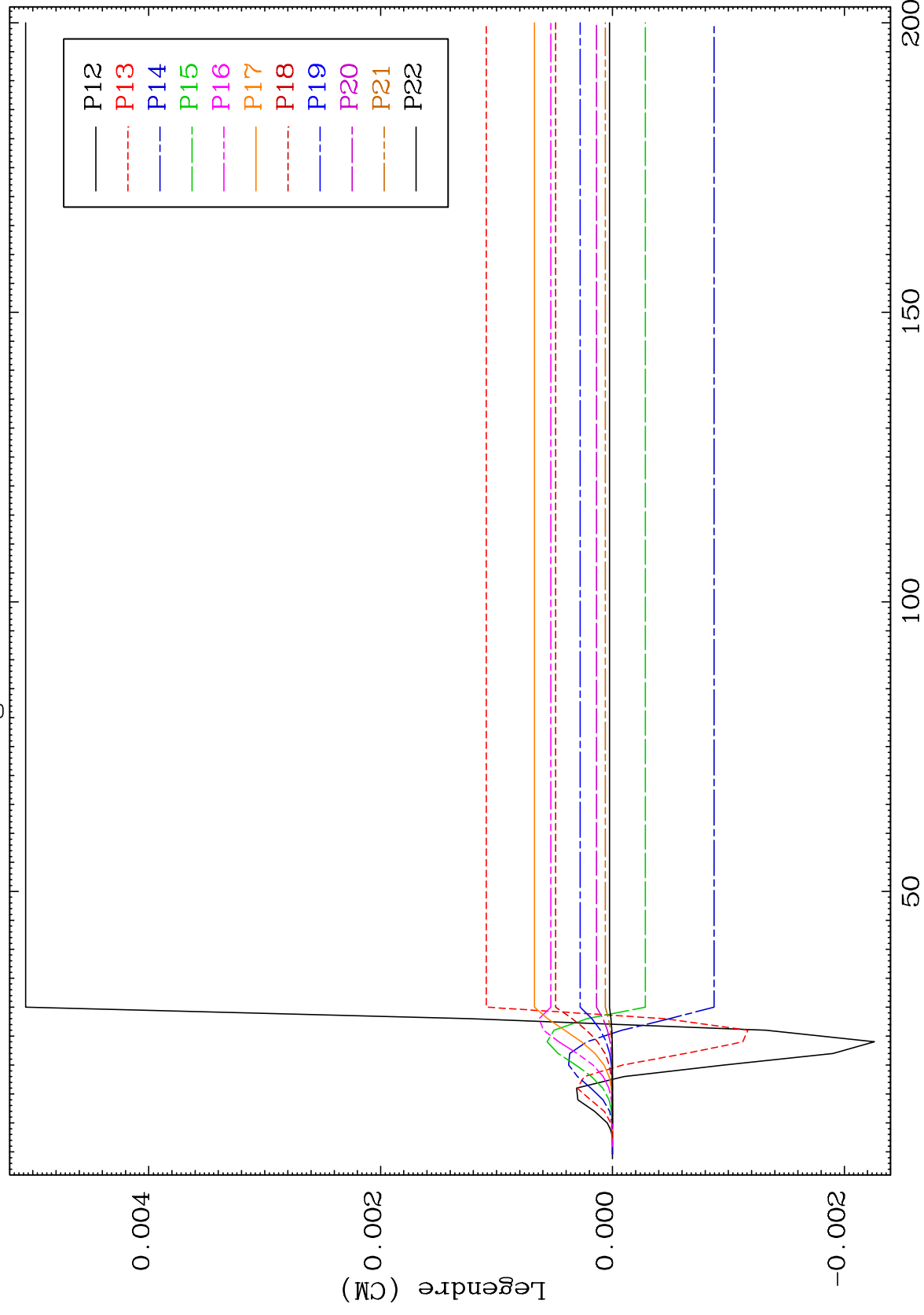
Incident Energy (MeV)

30-Zn-71

MAT 3046

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

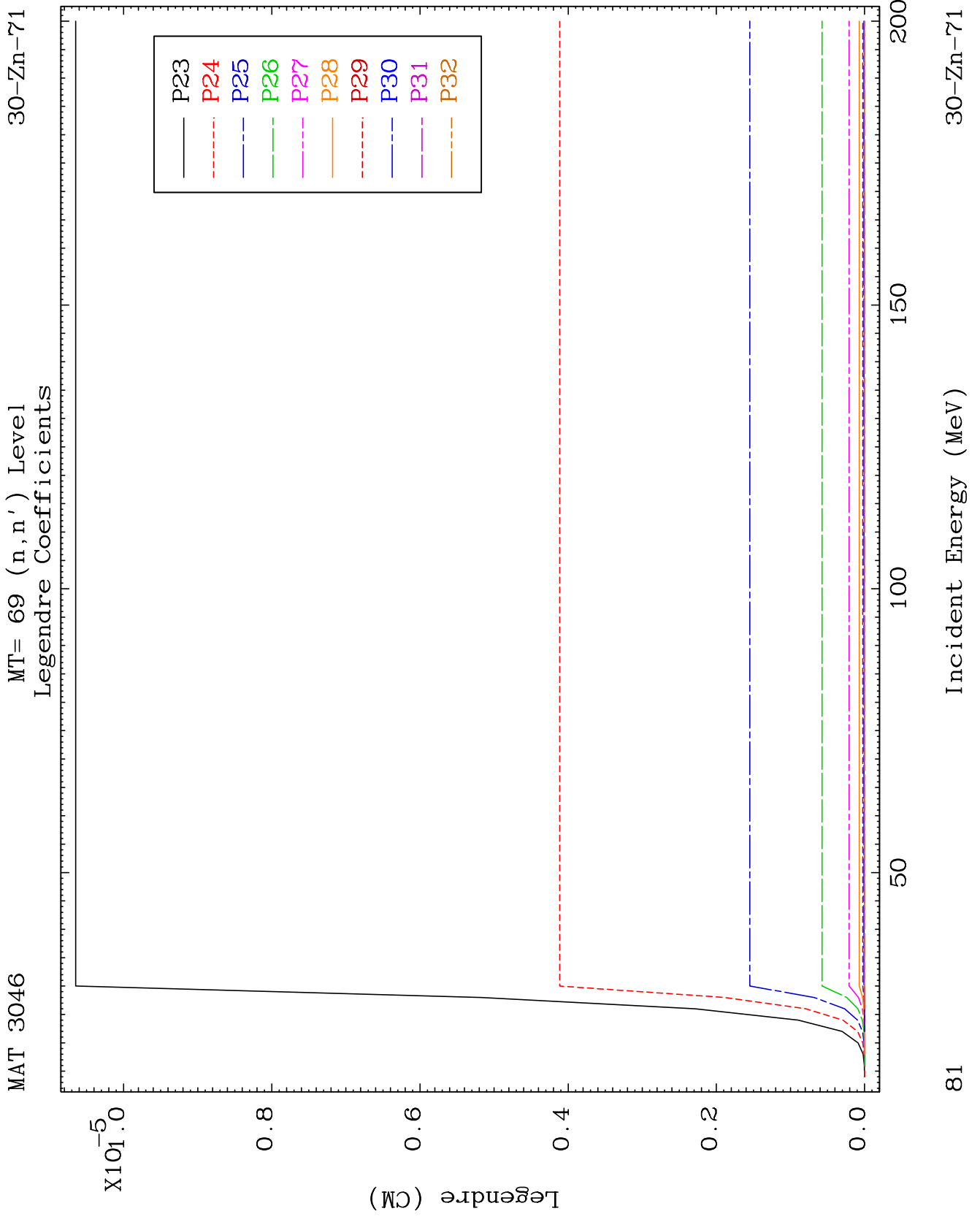
30-Zn-71



80

Incident Energy (MeV)

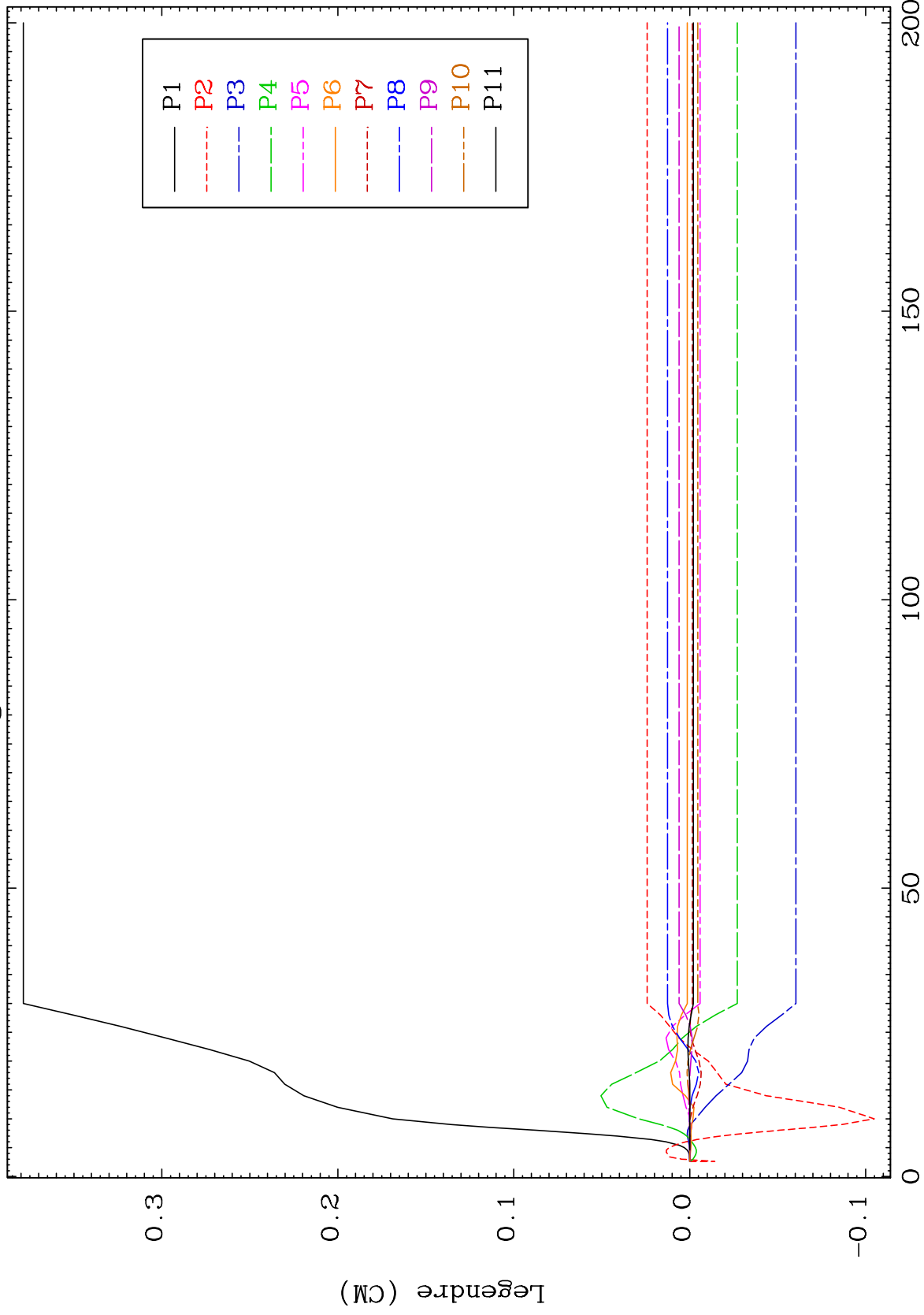
30-Zn-71



MAT 3046

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

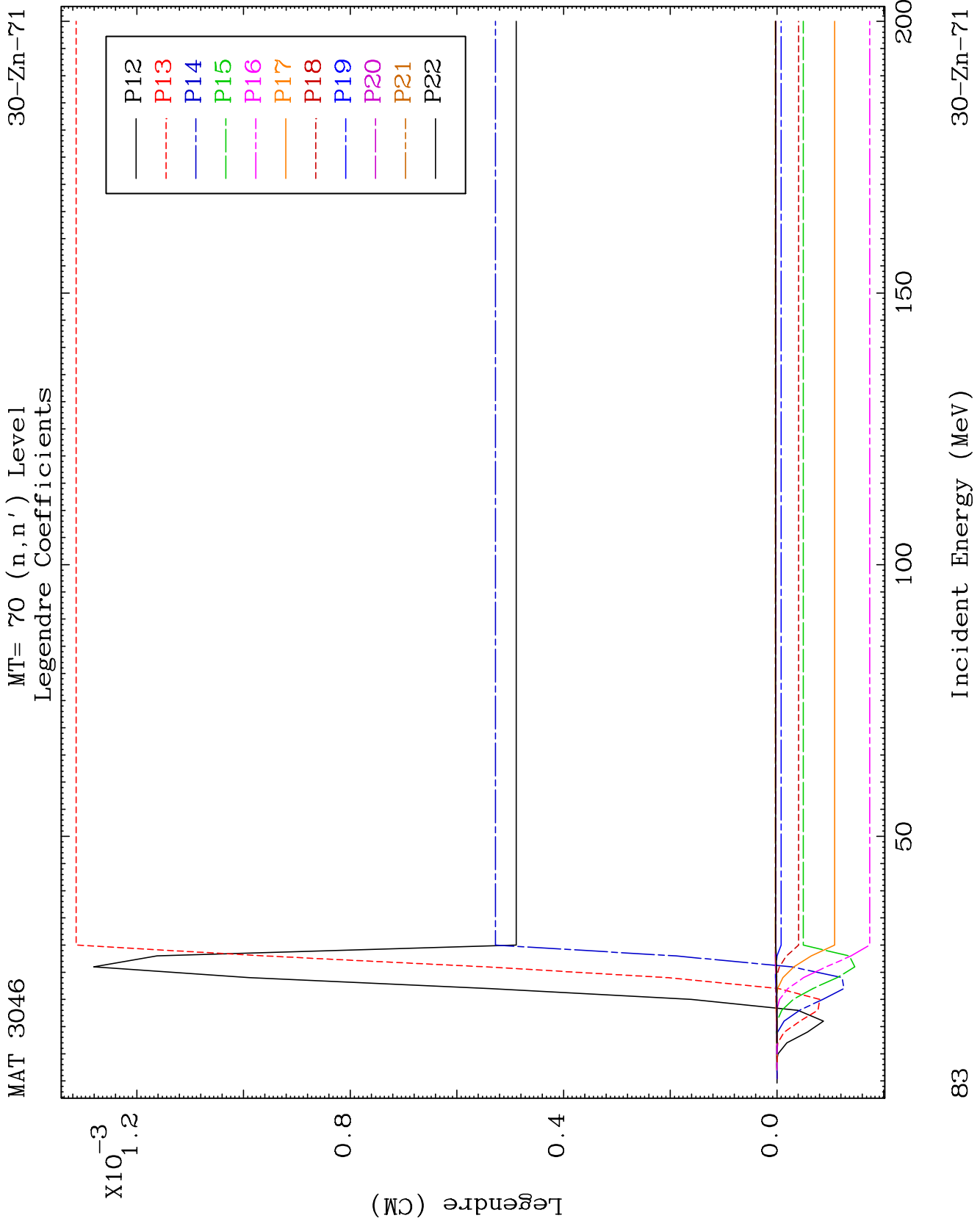
30-Zn-71

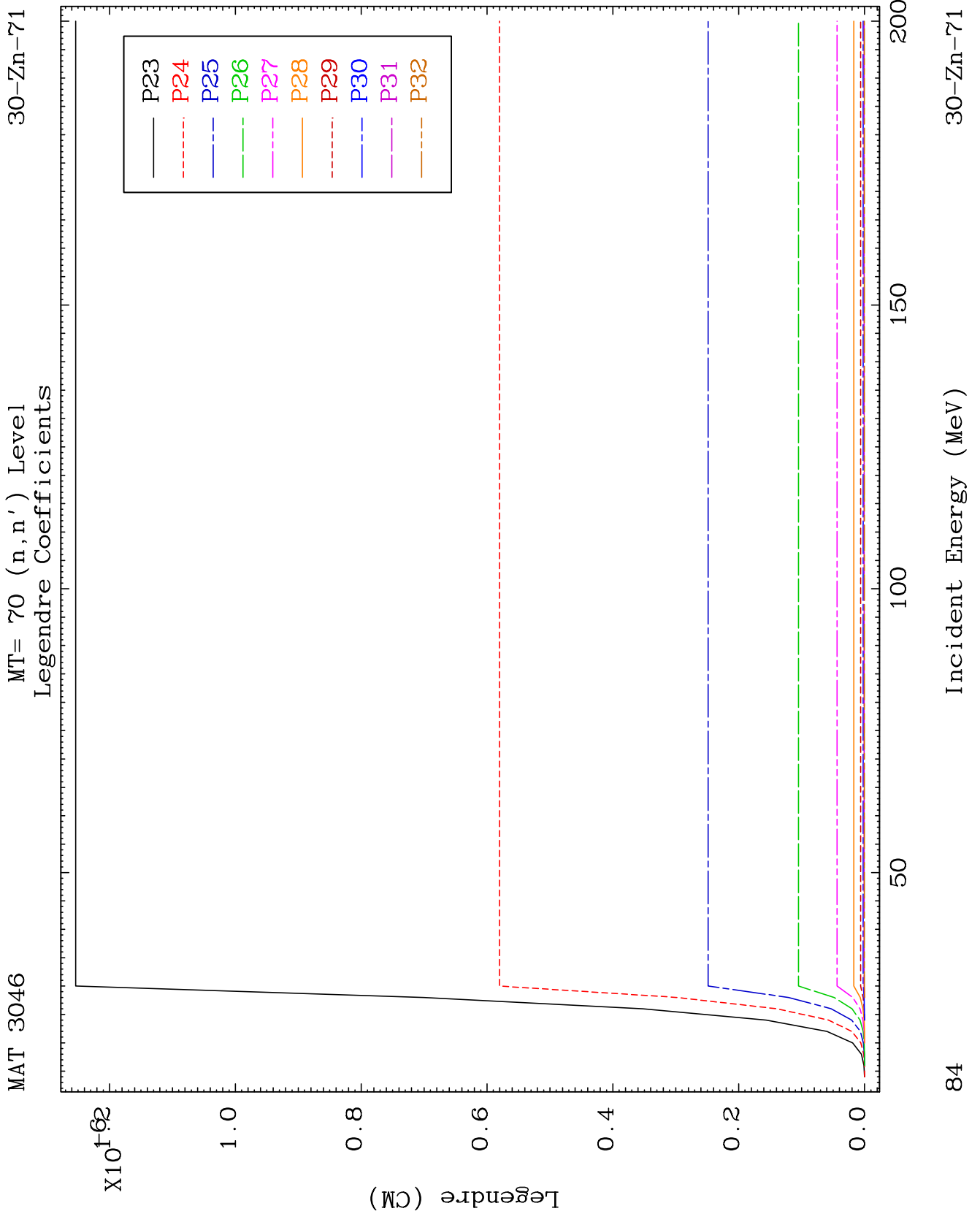


82

Incident Energy (MeV)

30-Zn-71

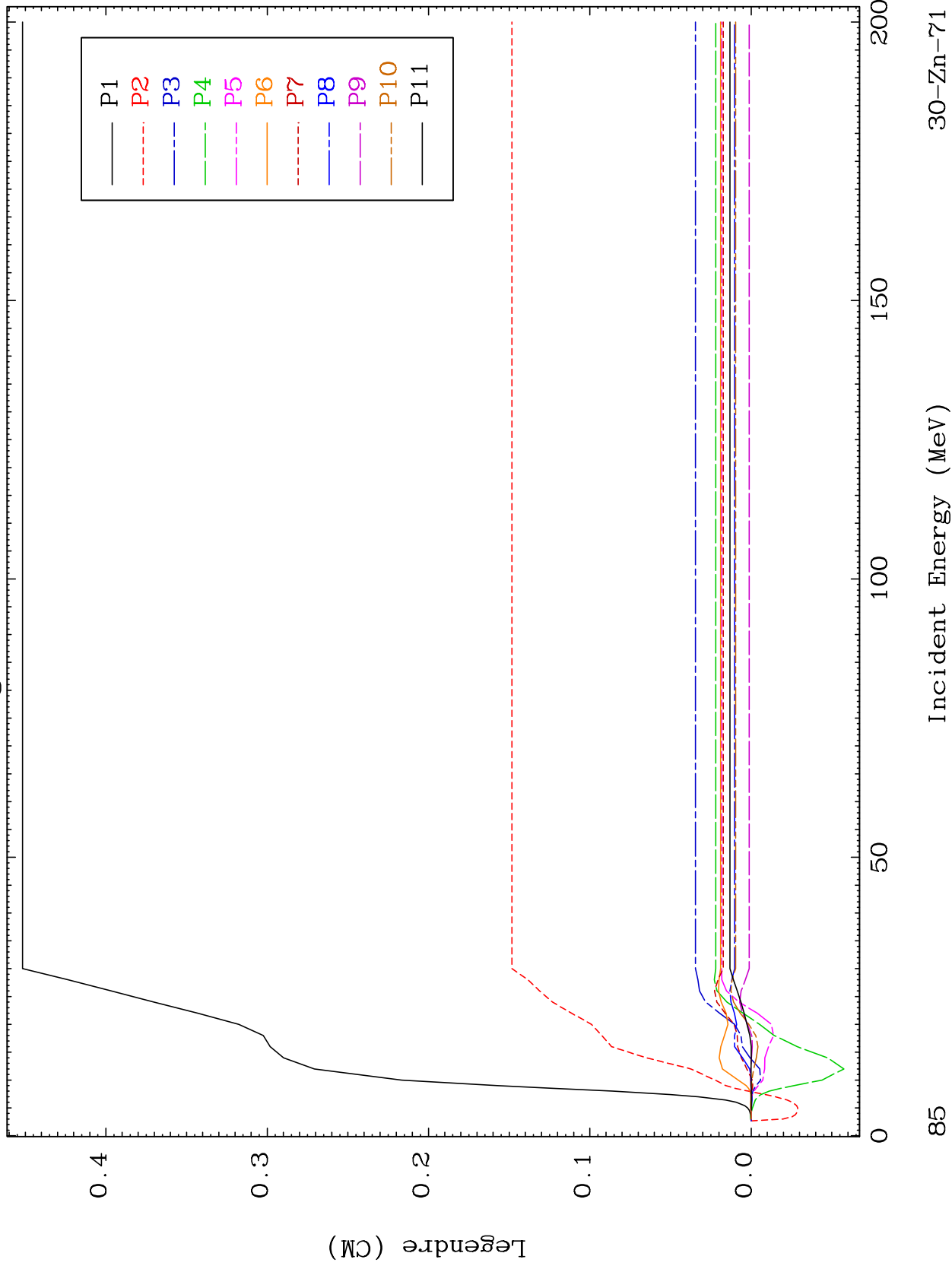




MAT 3046

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

30-Zn-71



85

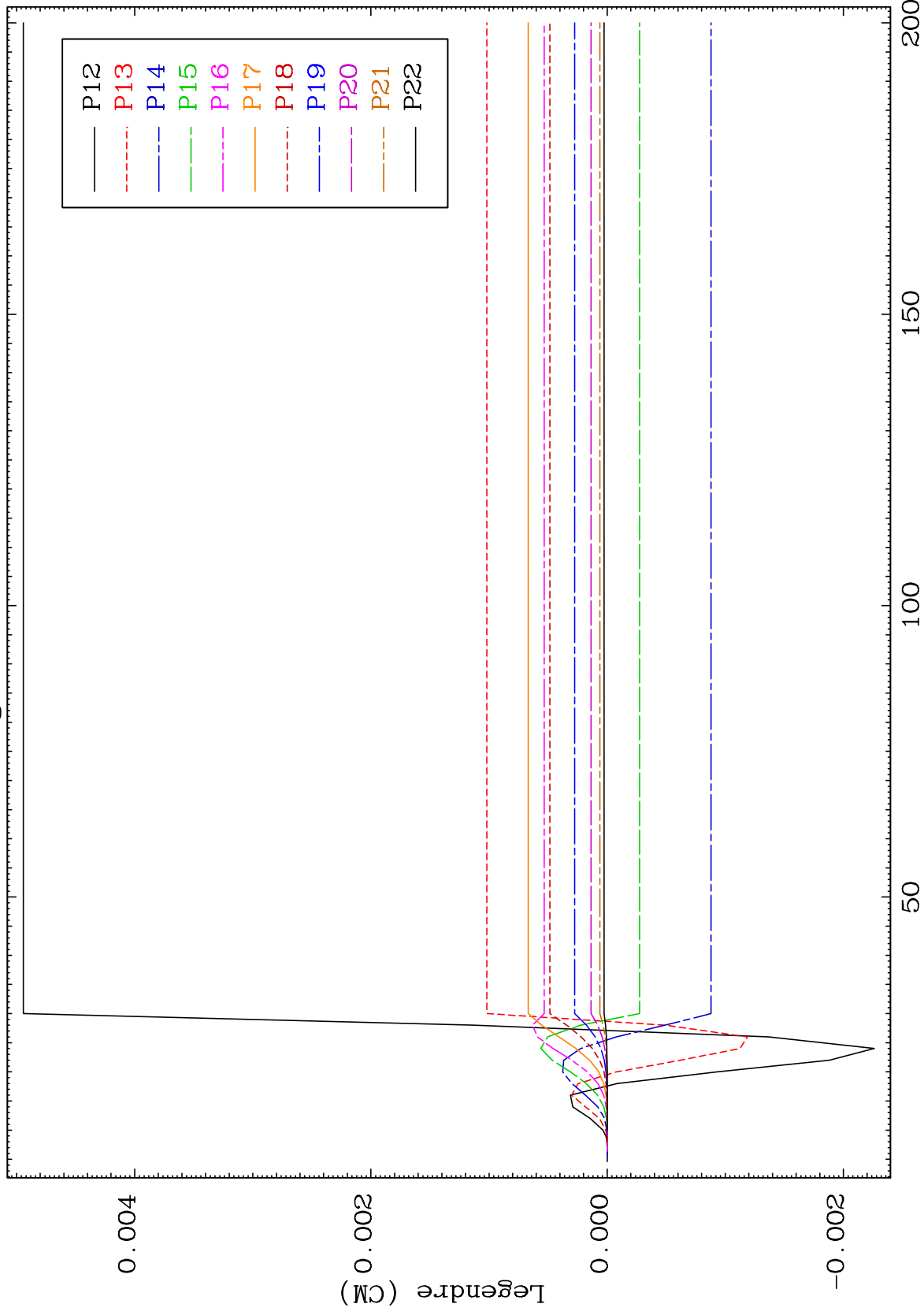
Incident Energy (MeV)

30-Zn-71

MAT 3046

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

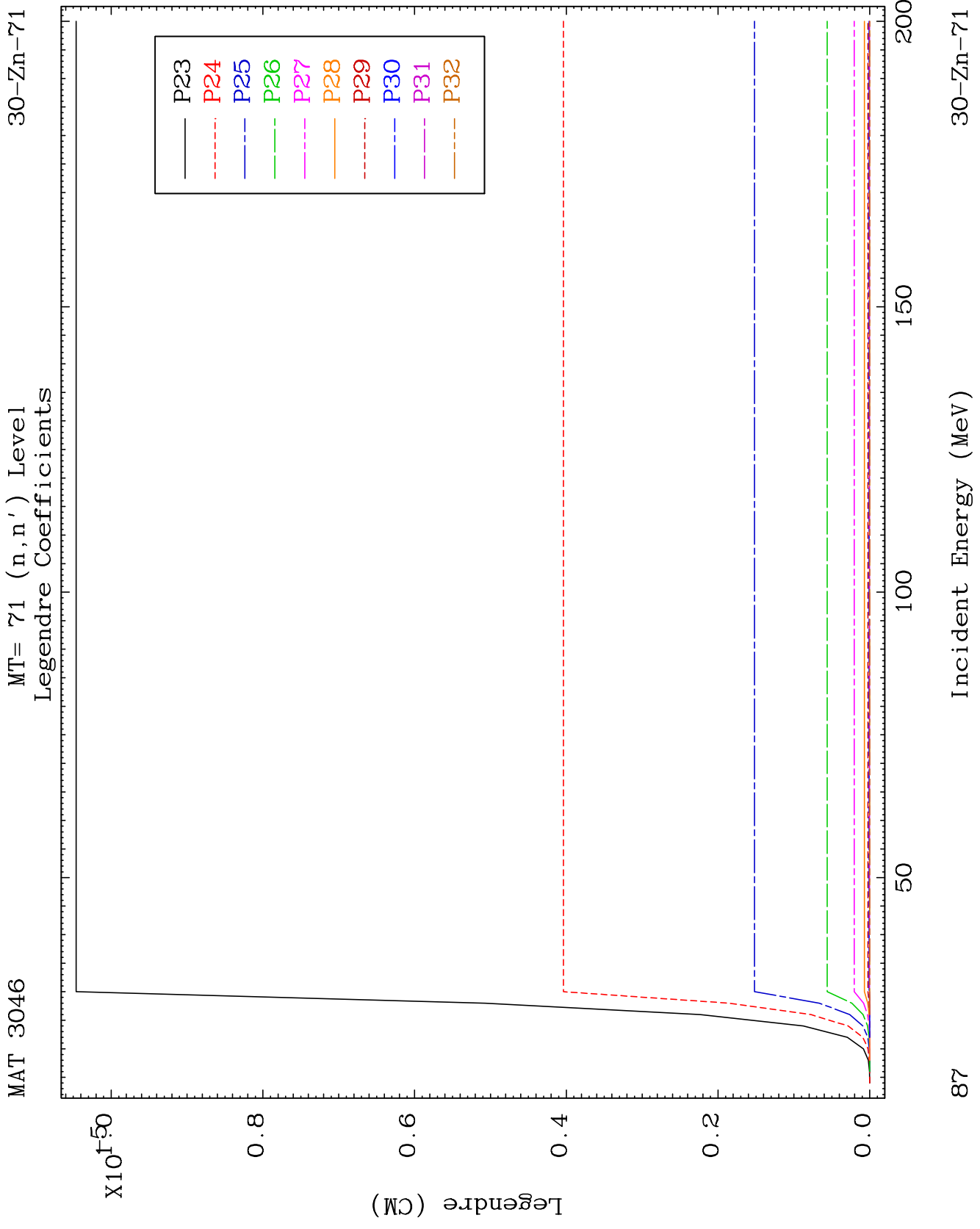
30-Zn-71



86

Incident Energy (MeV)

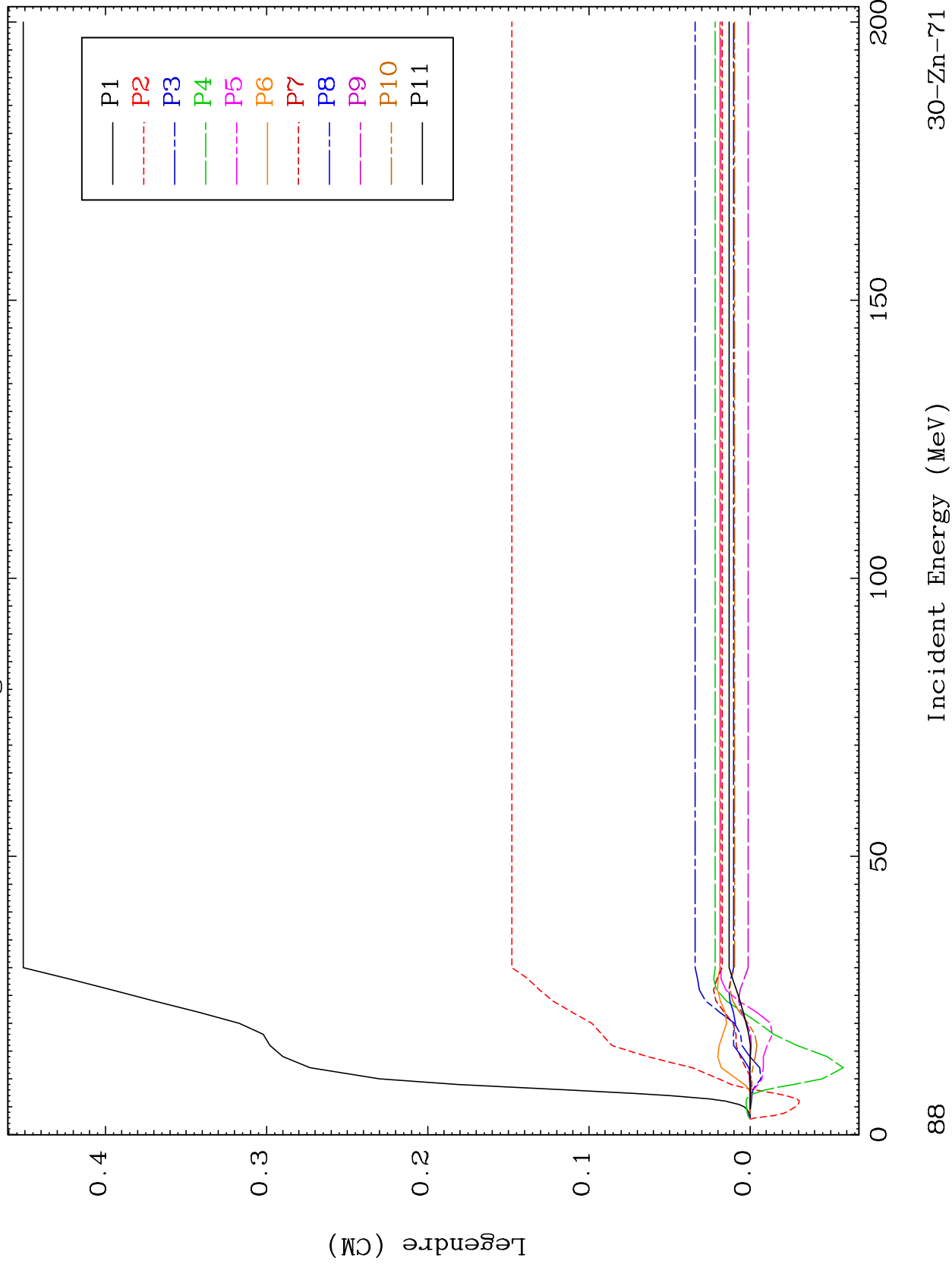
30-Zn-71



MAT 3046

MT= 72 (n,n') Level
Legendre Coefficients

30-Zn-71



30-Zn-71

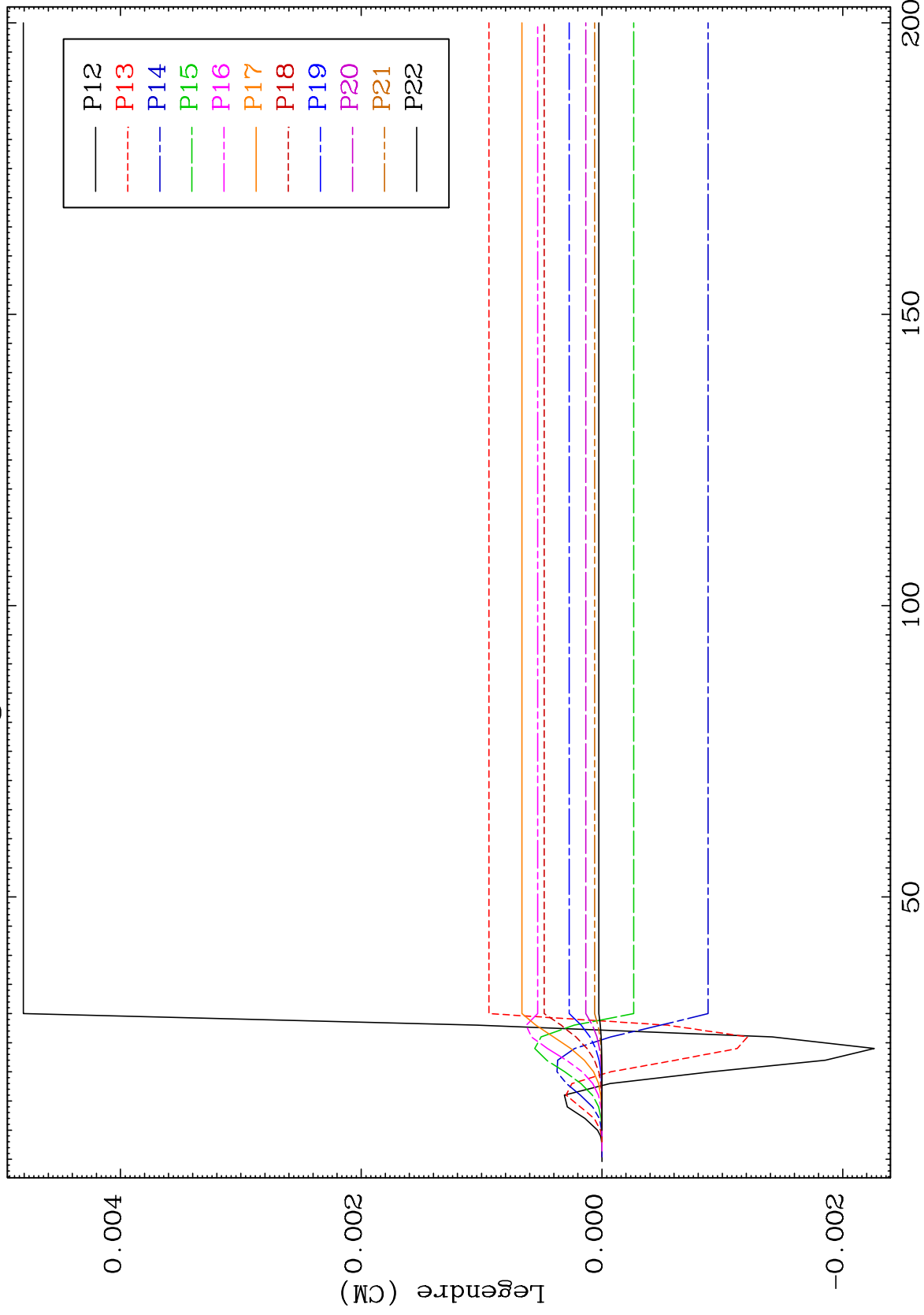
Incident Energy (MeV)

88

MAT 3046

MT= 72 (n,n') Level
Legendre Coefficients

30-Zn-71



89

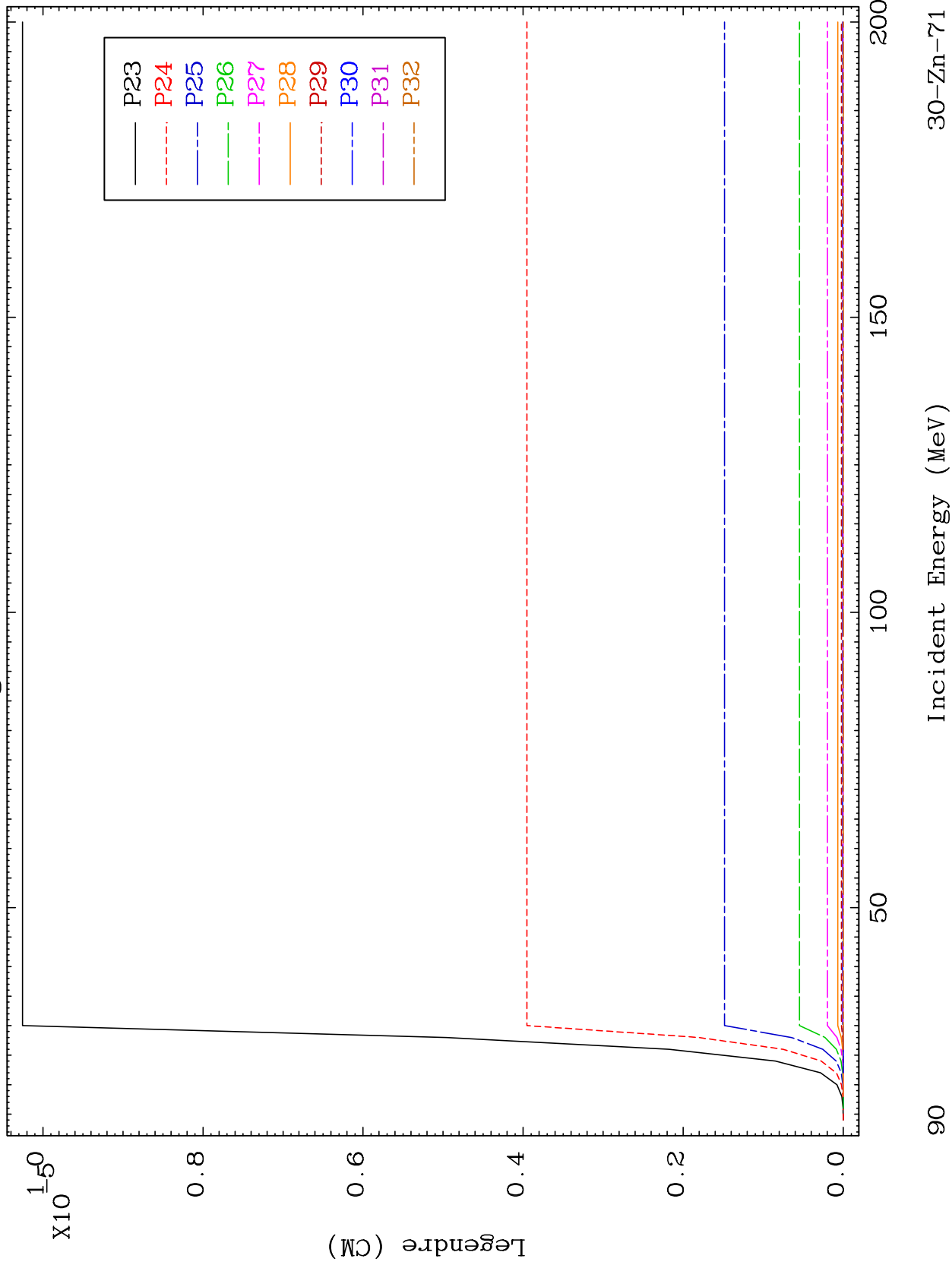
Incident Energy (MeV)

30-Zn-71

MAT 3046

MT= 72 (n,n') Level
Legendre Coefficients

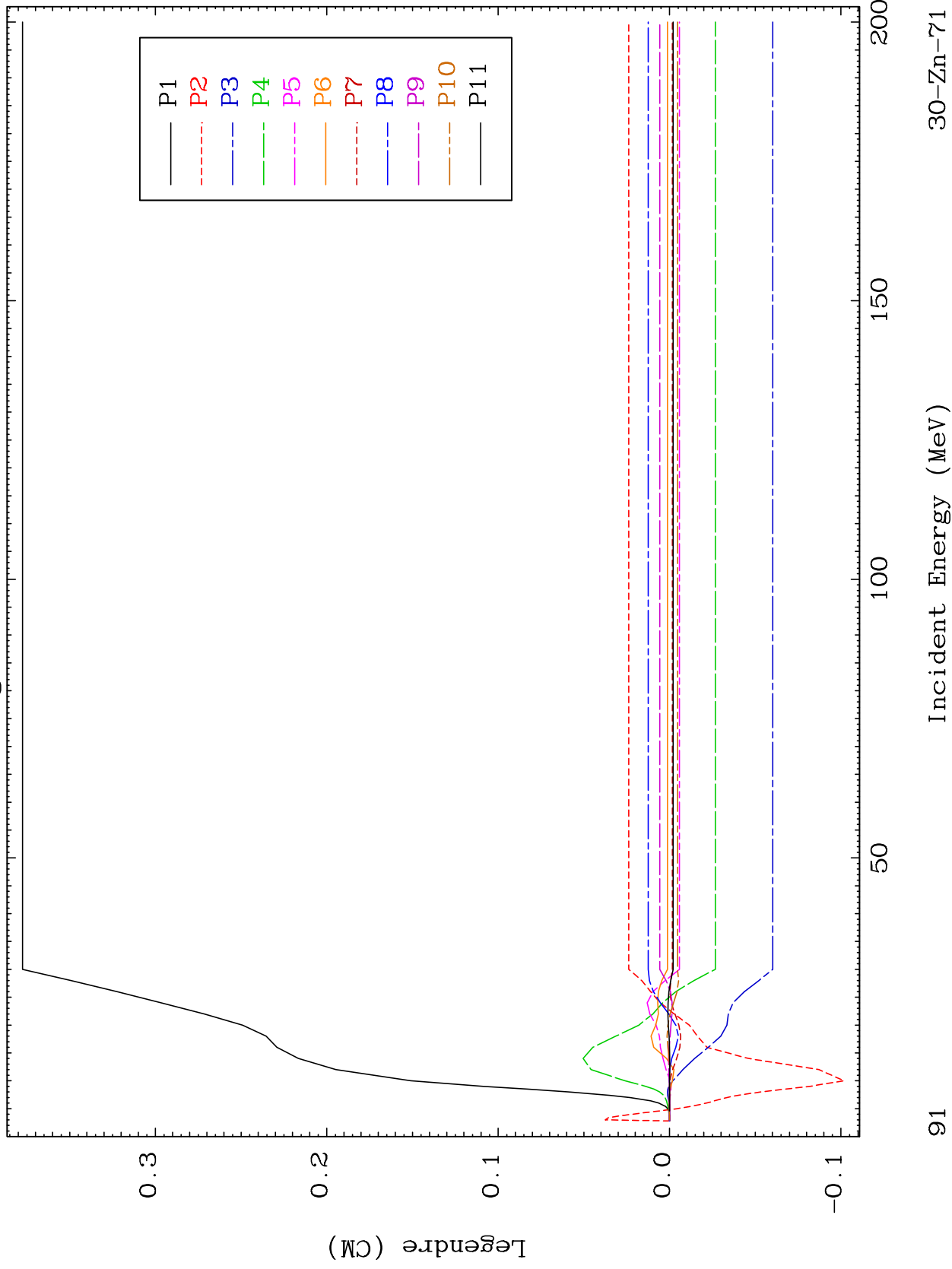
30-Zn-71



MAT 3046

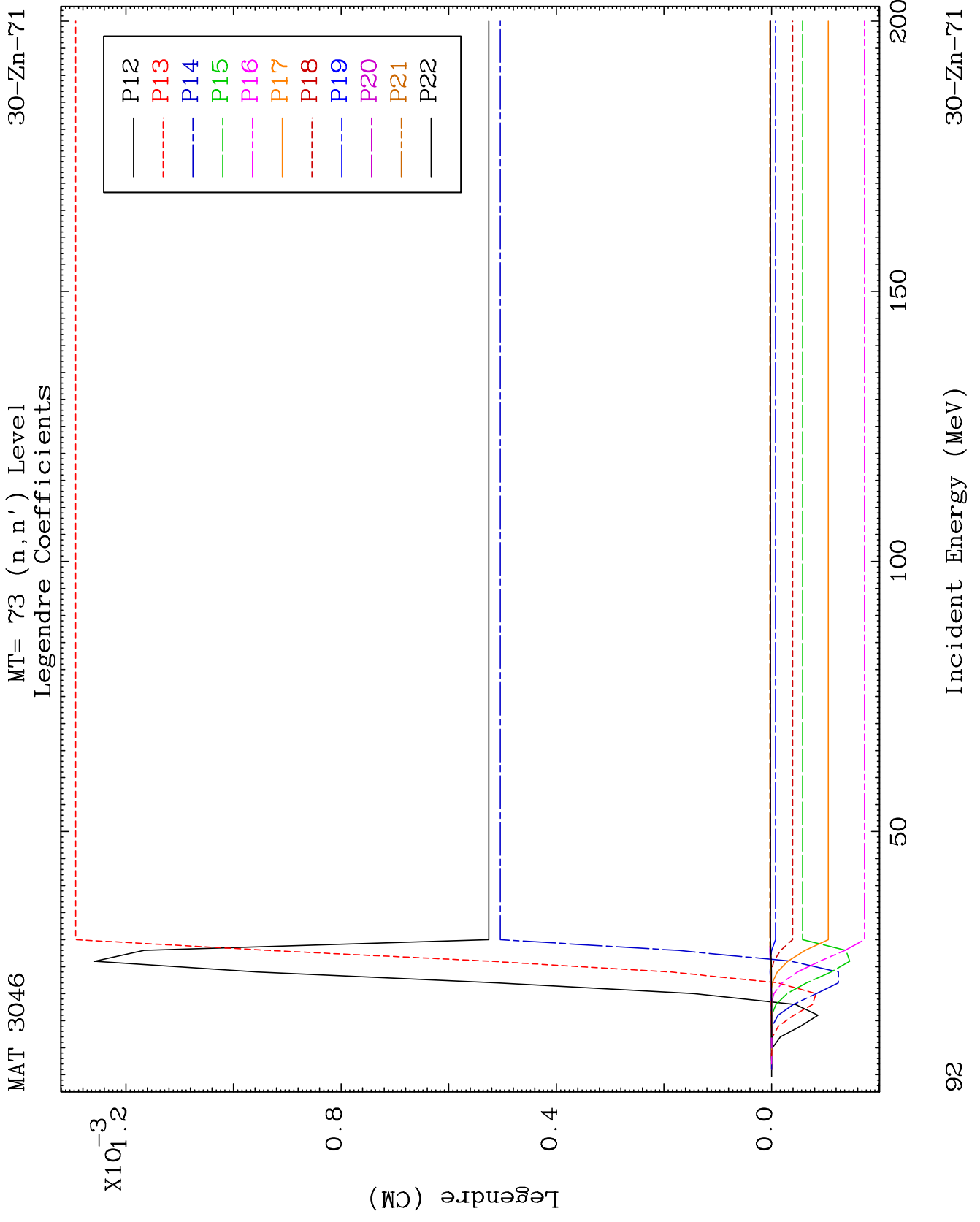
MT= 73 (n,n') Level
Legendre Coefficients

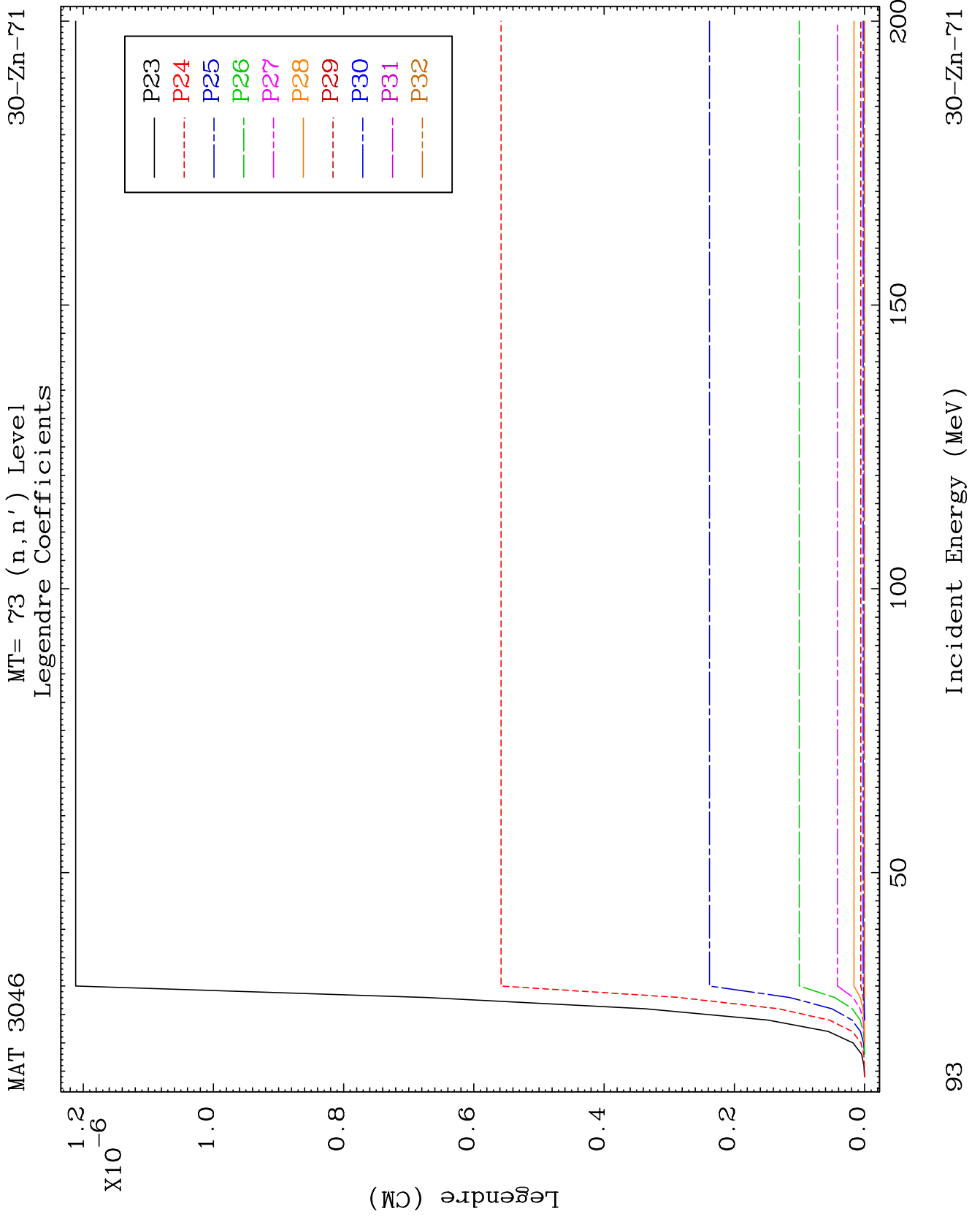
30-Zn-71



91

30-Zn-71

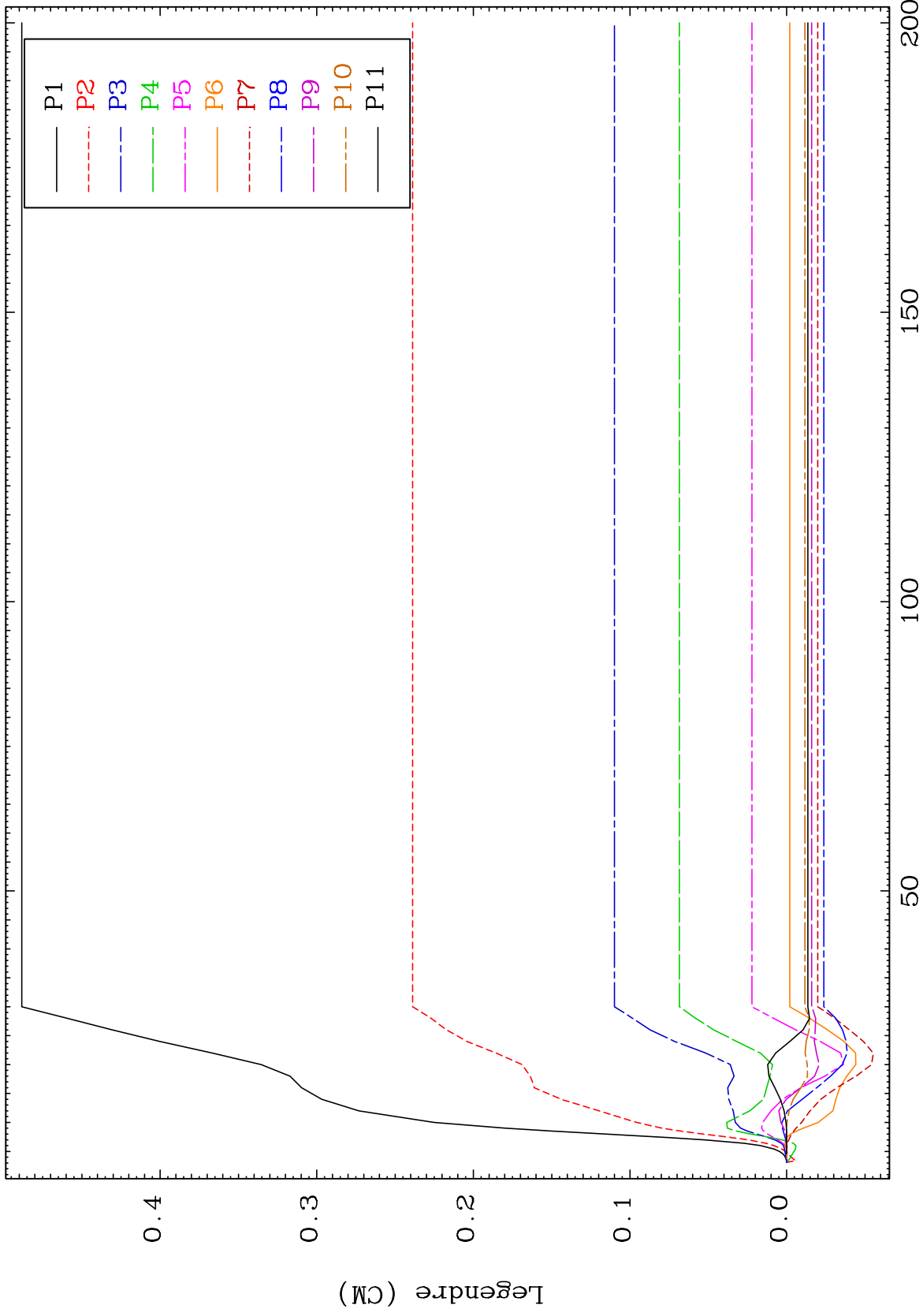




MAT 3046

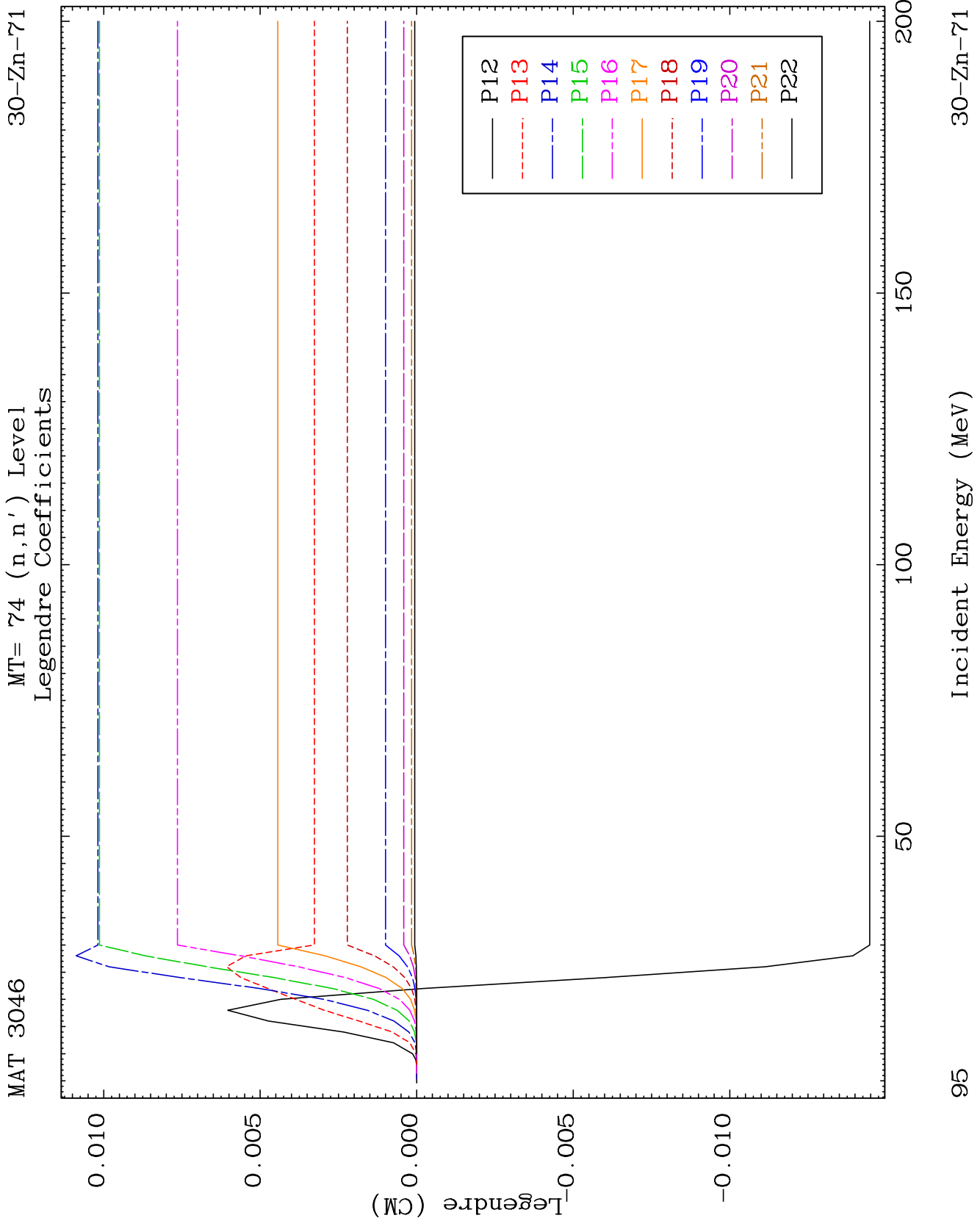
MT= 74 (n,n') Level
Legendre Coefficients

30-Zn-71



94

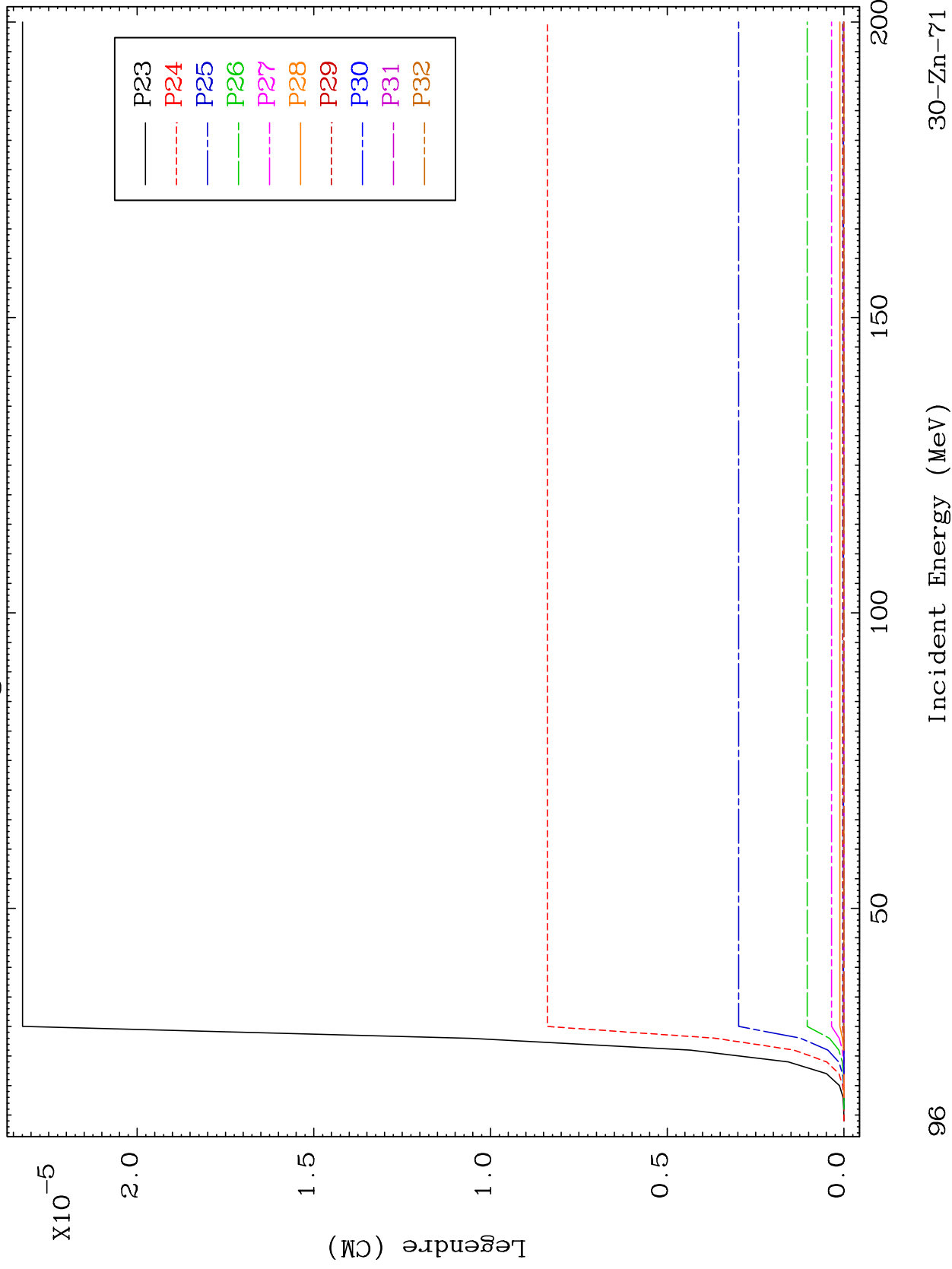
30-Zn-71



MAT 3046

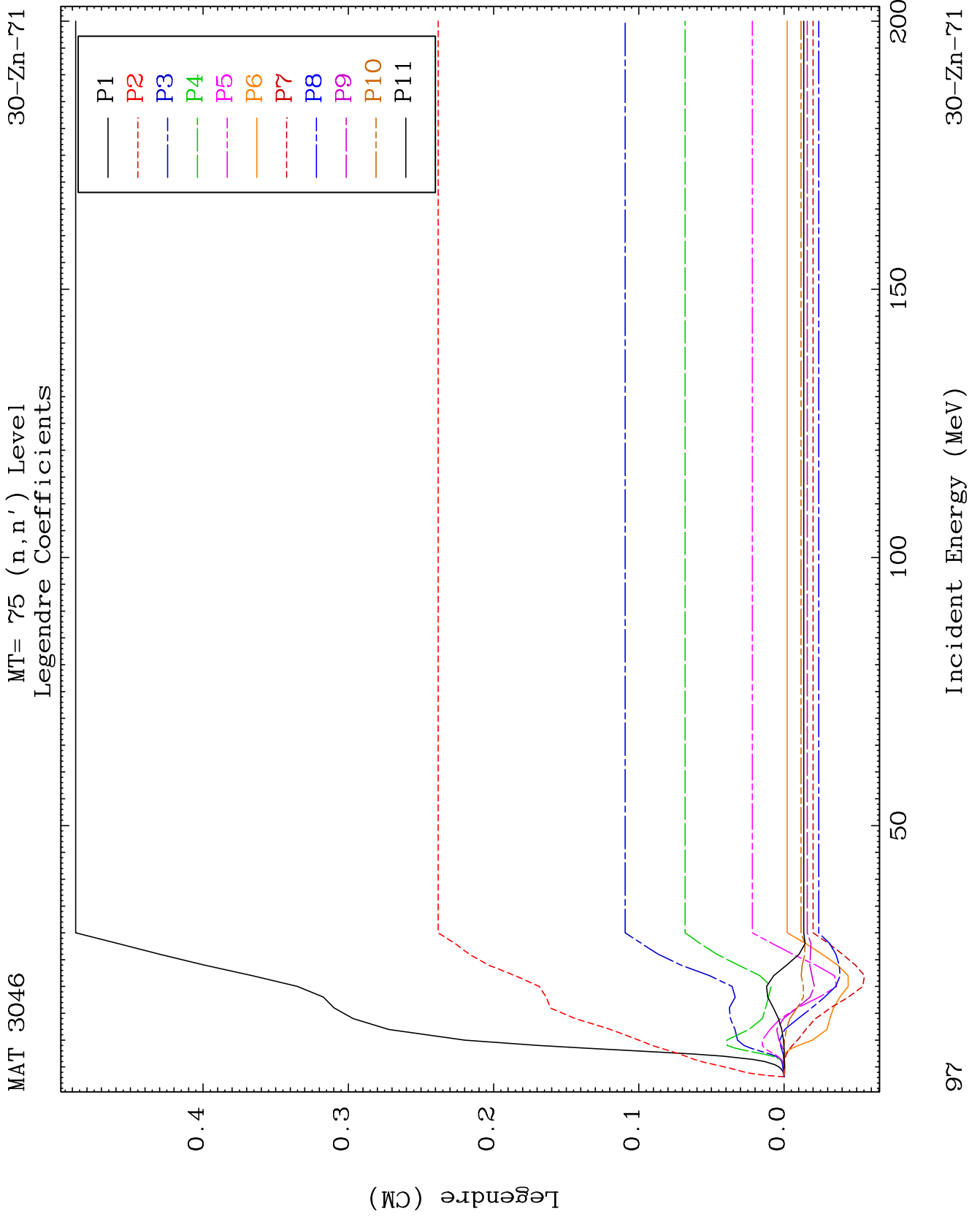
MT= 74 (n,n') Level
Legendre Coefficients

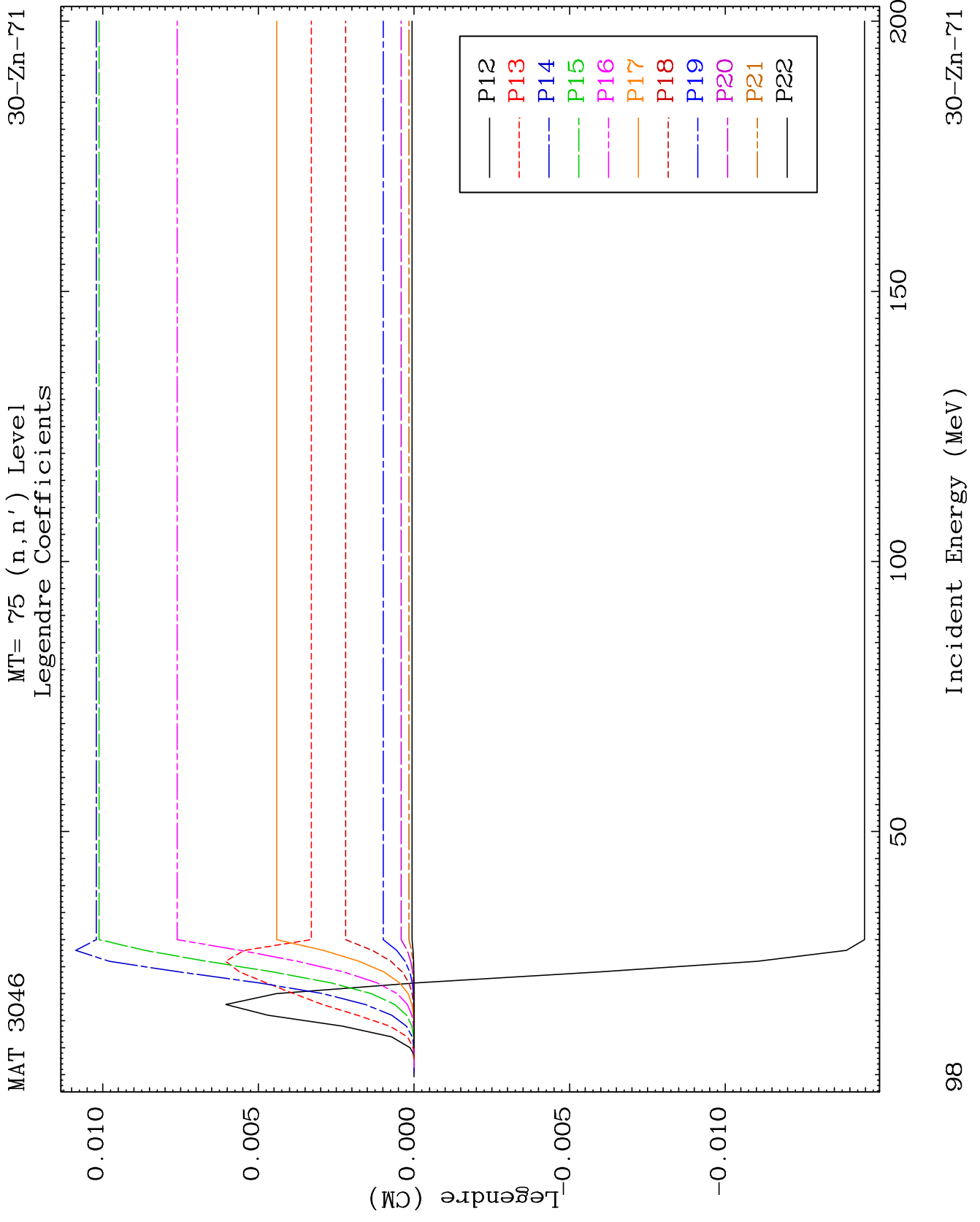
30-Zn-71



96

30-Zn-71

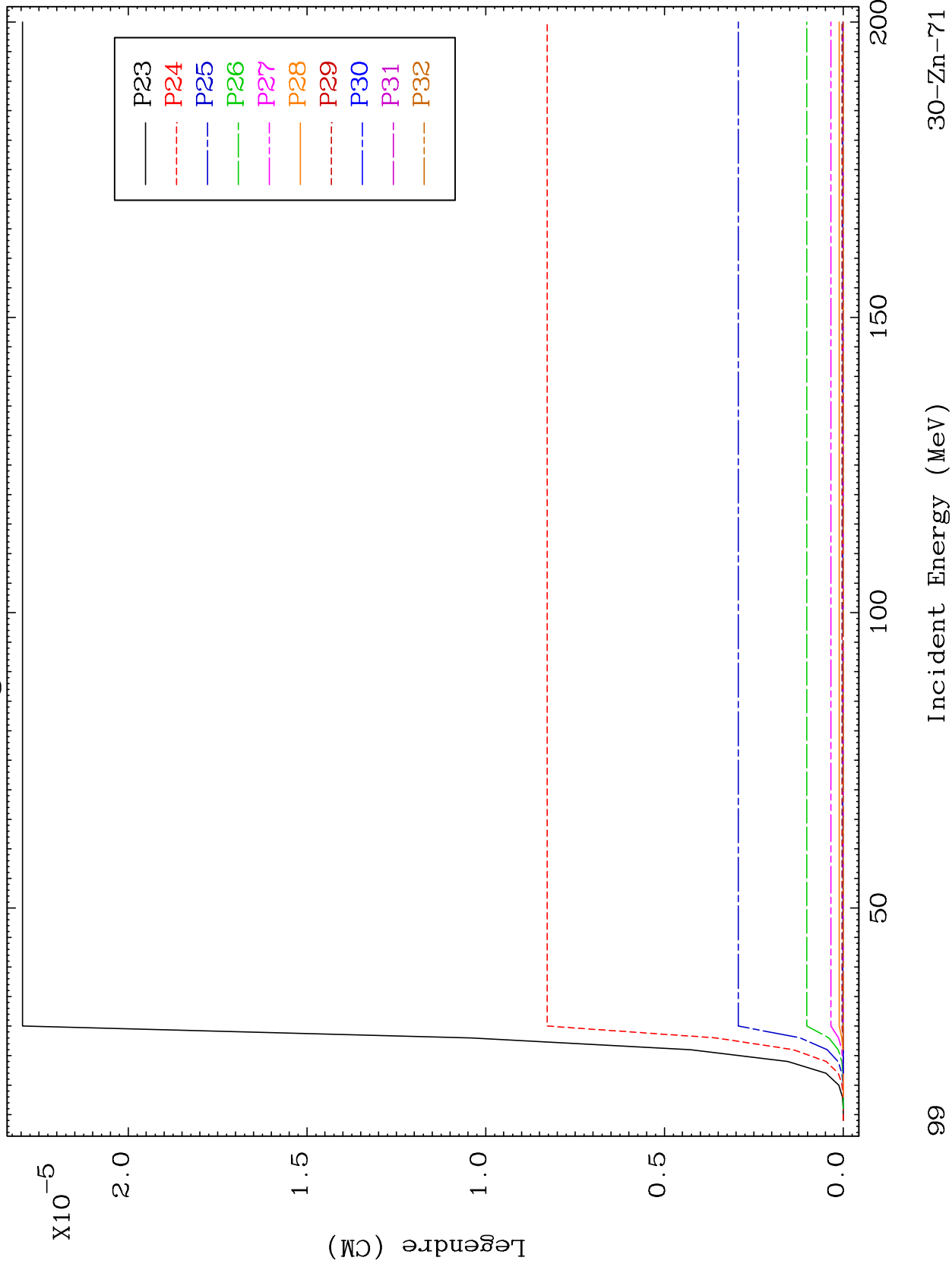


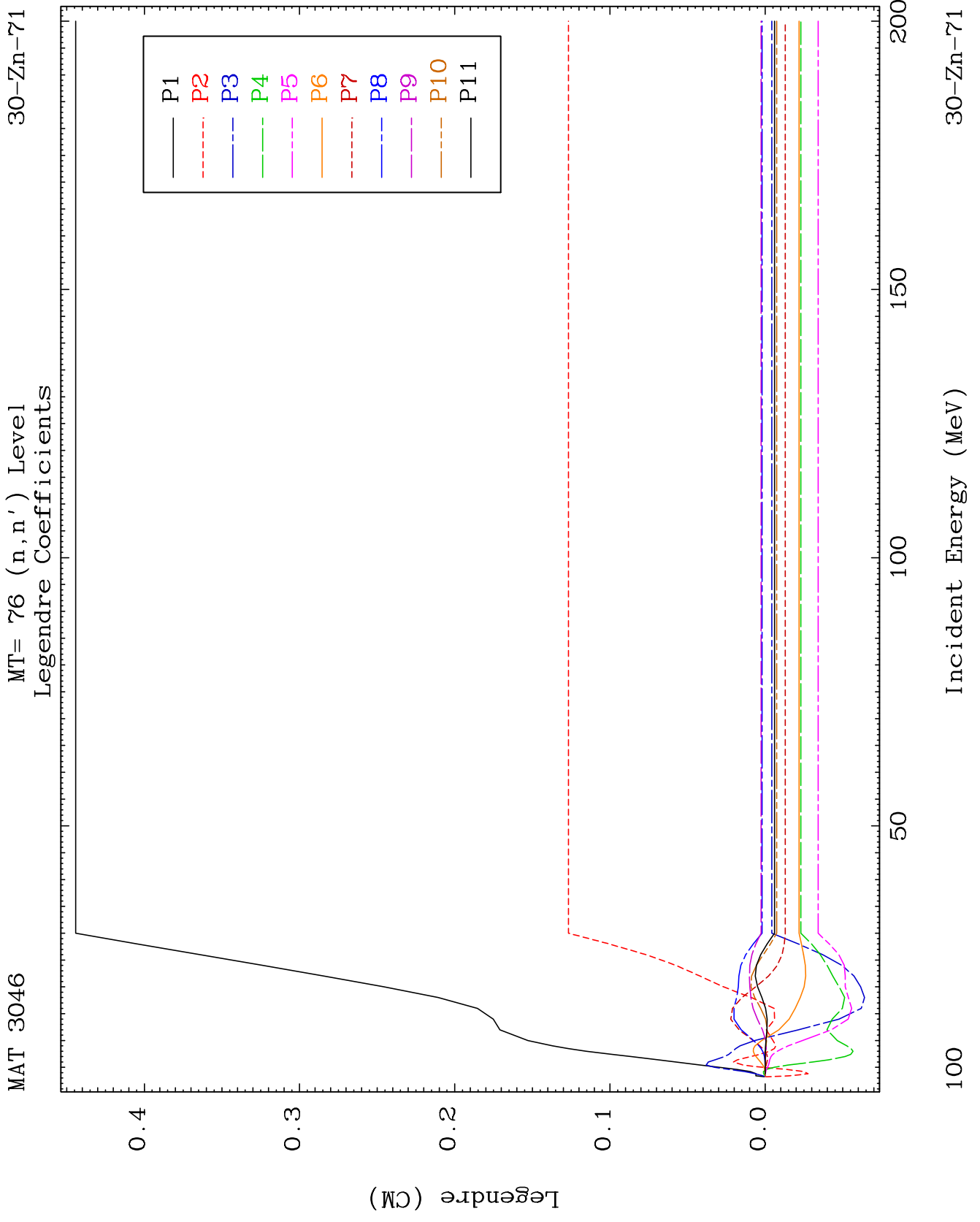


MAT 3046

MT= 75 (n,n') Level
Legendre Coefficients

30-Zn-71

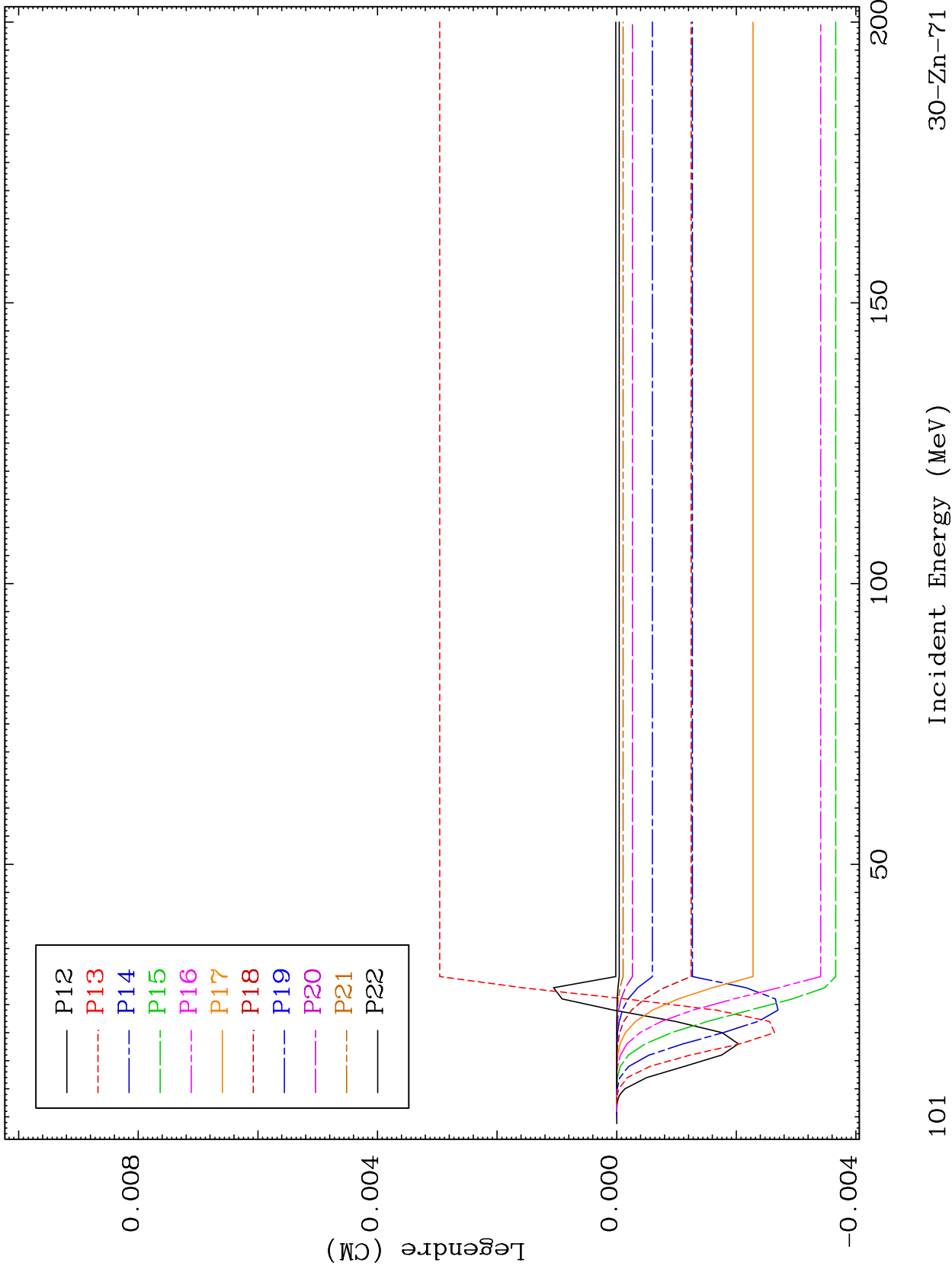




MAT 3046

MT= 76 (n,n') Level
Legendre Coefficients

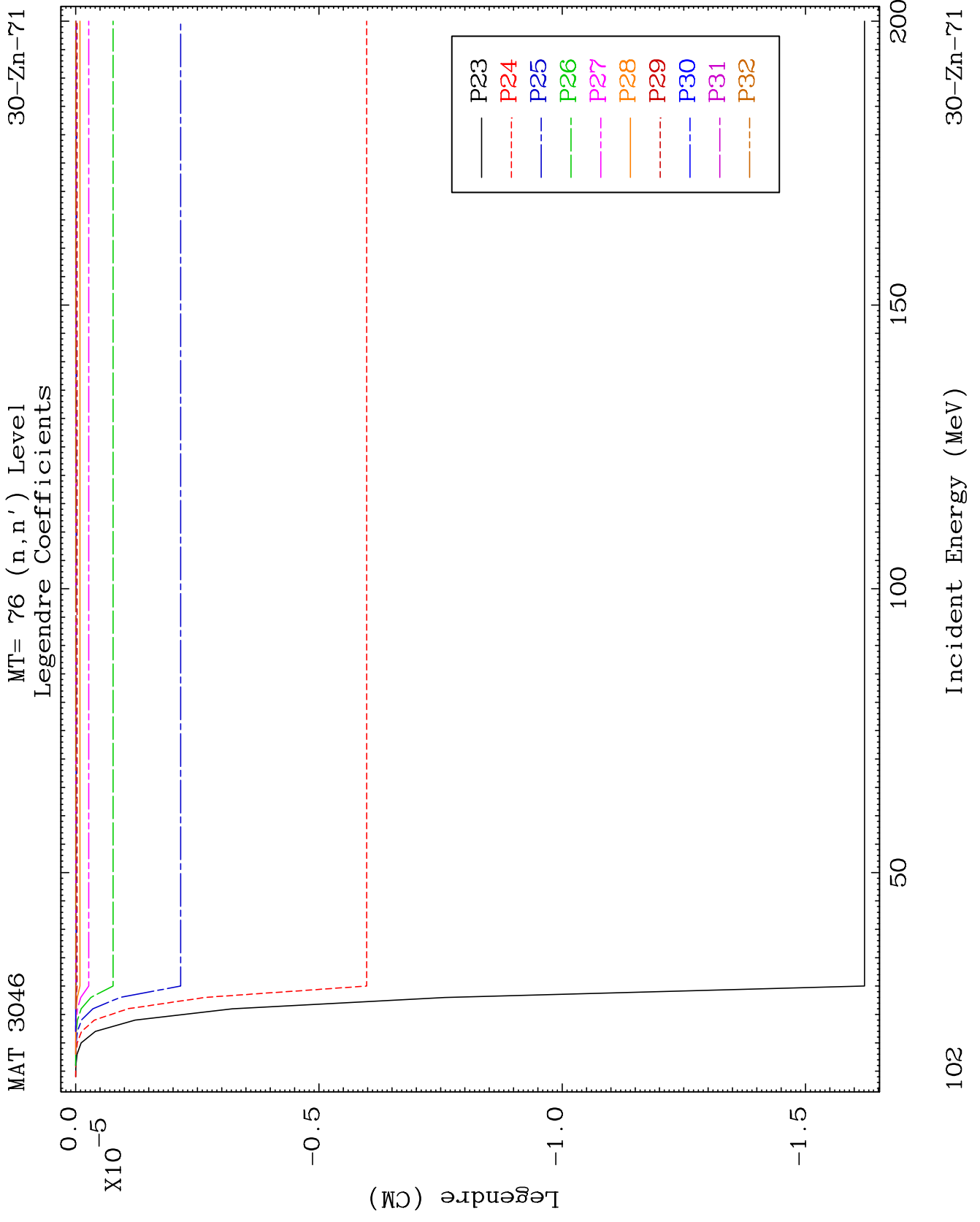
30-Zn-71



101

Incident Energy (MeV)

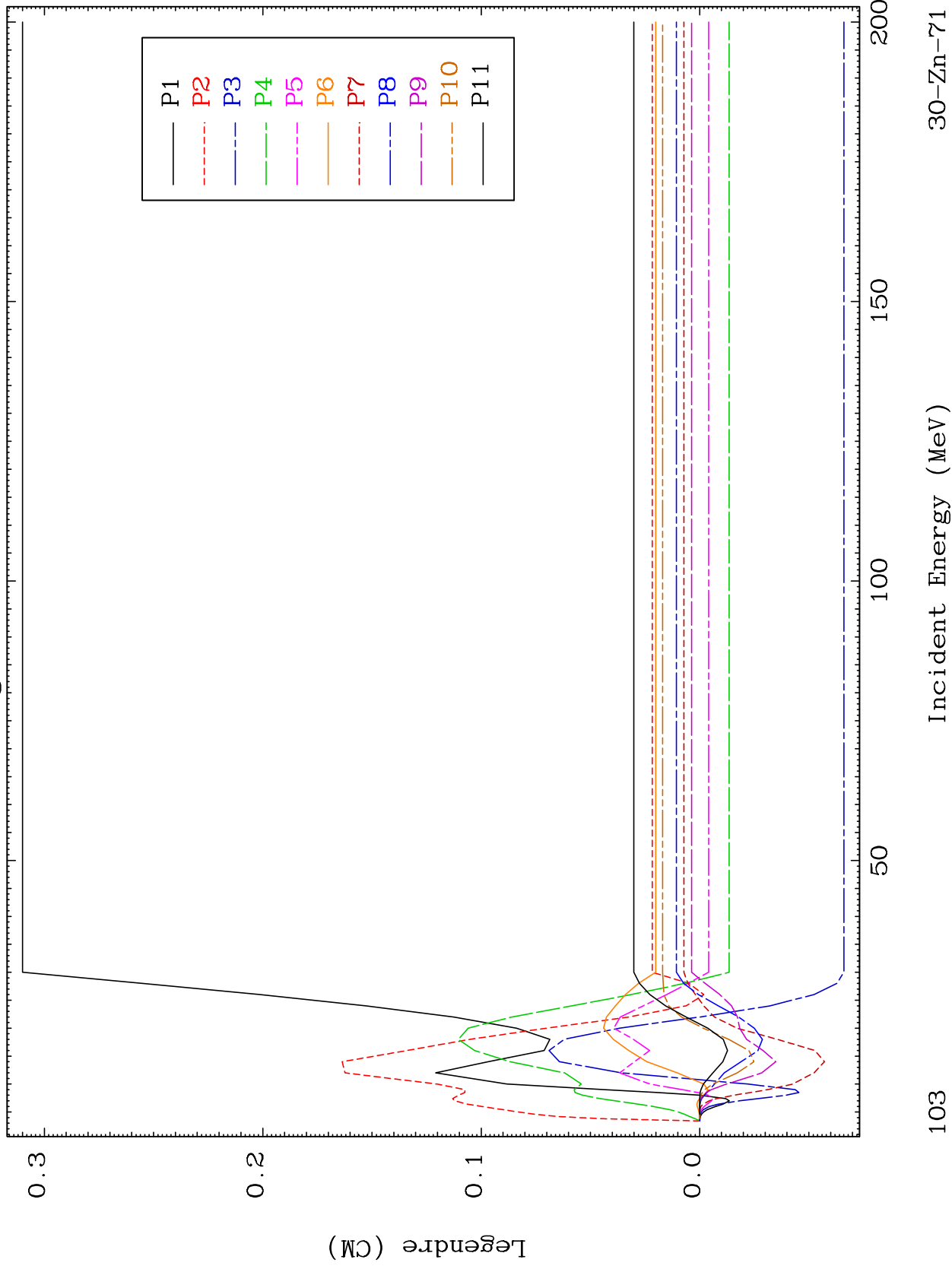
30-Zn-71



MAT 3046

MT= 77 (n,n') Level
Legendre Coefficients

30-Zn-71



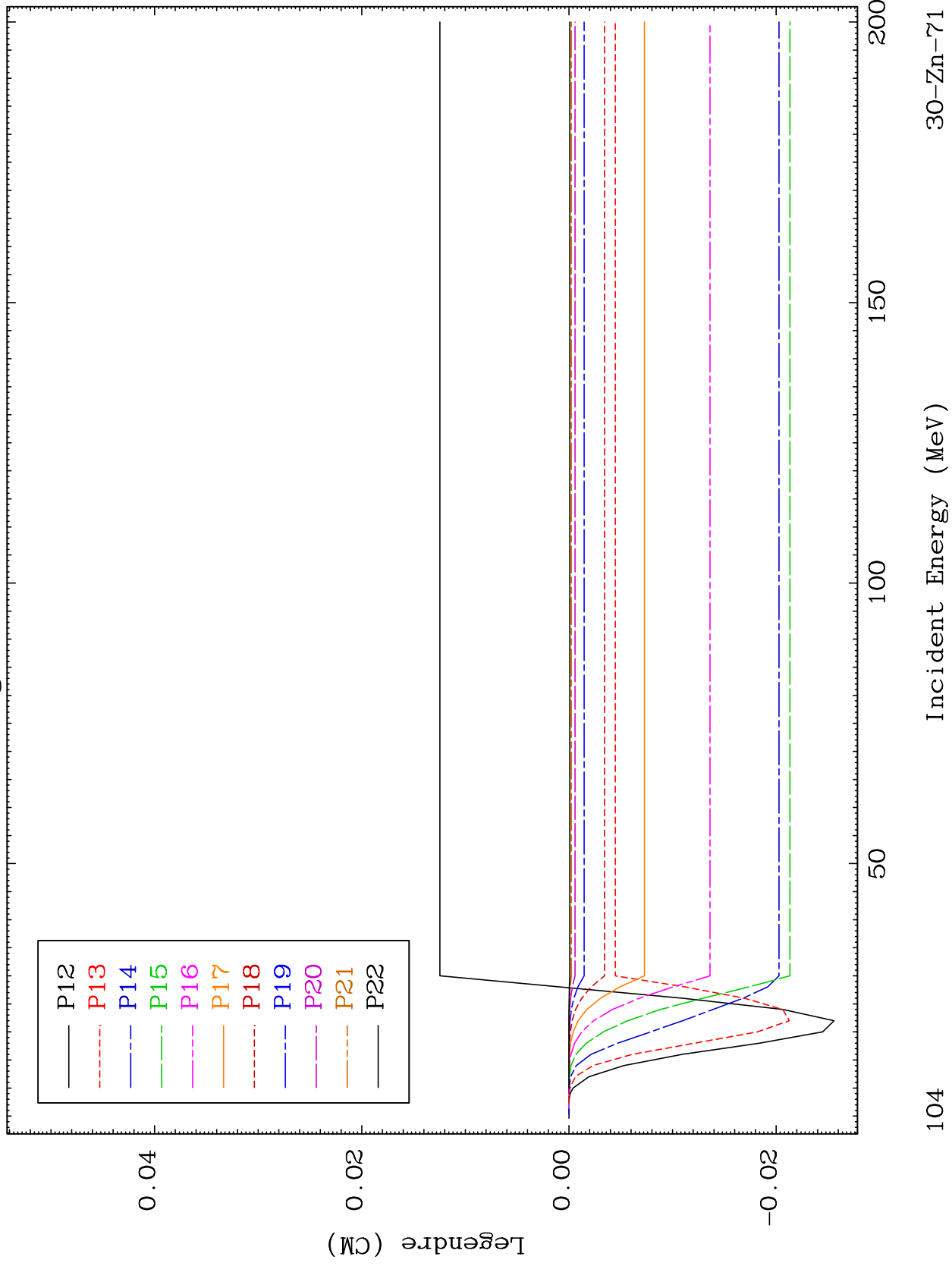
103

30-Zn-71

MAT 3046

MT= 77 (n,n') Level
Legendre Coefficients

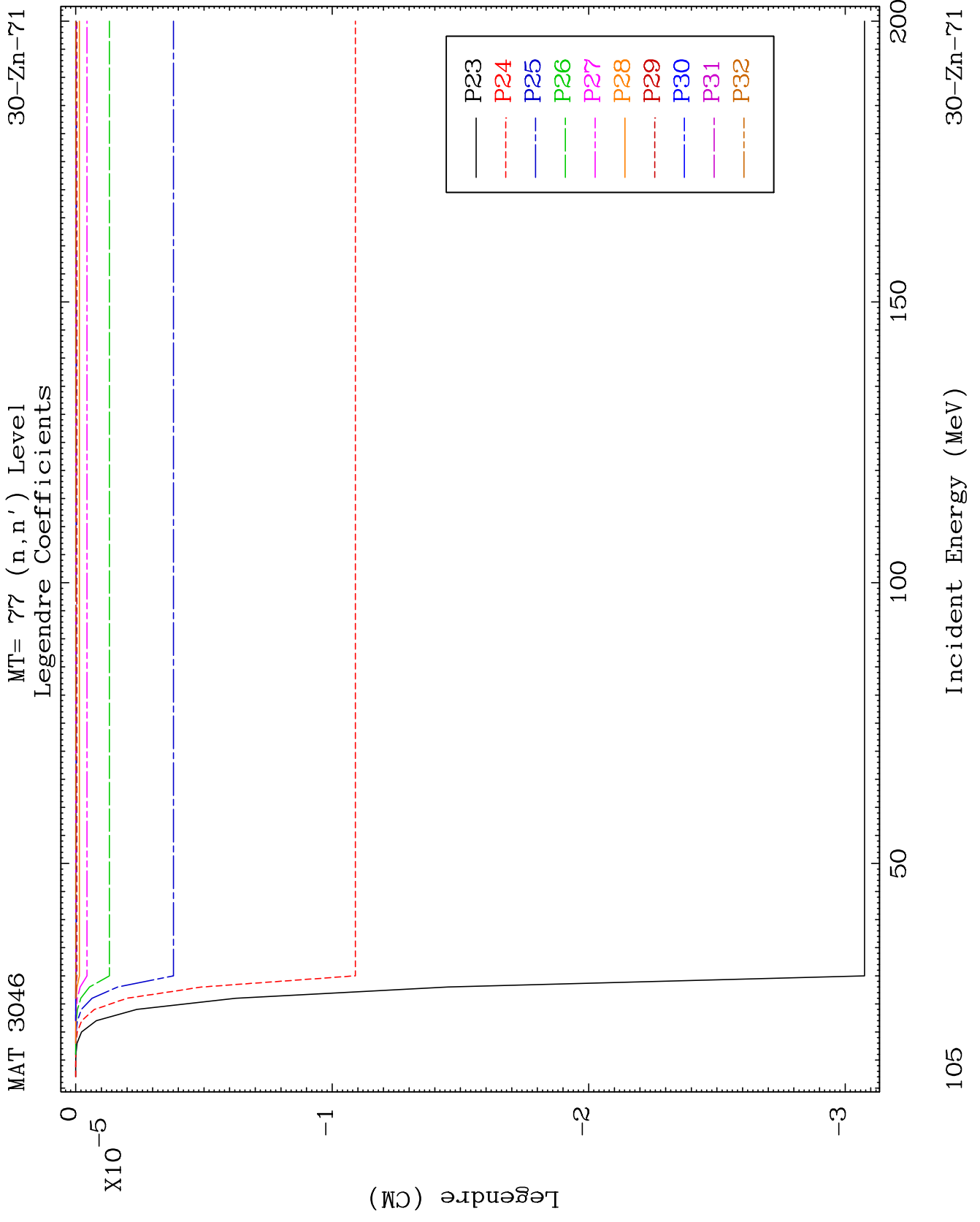
30-Zn-71

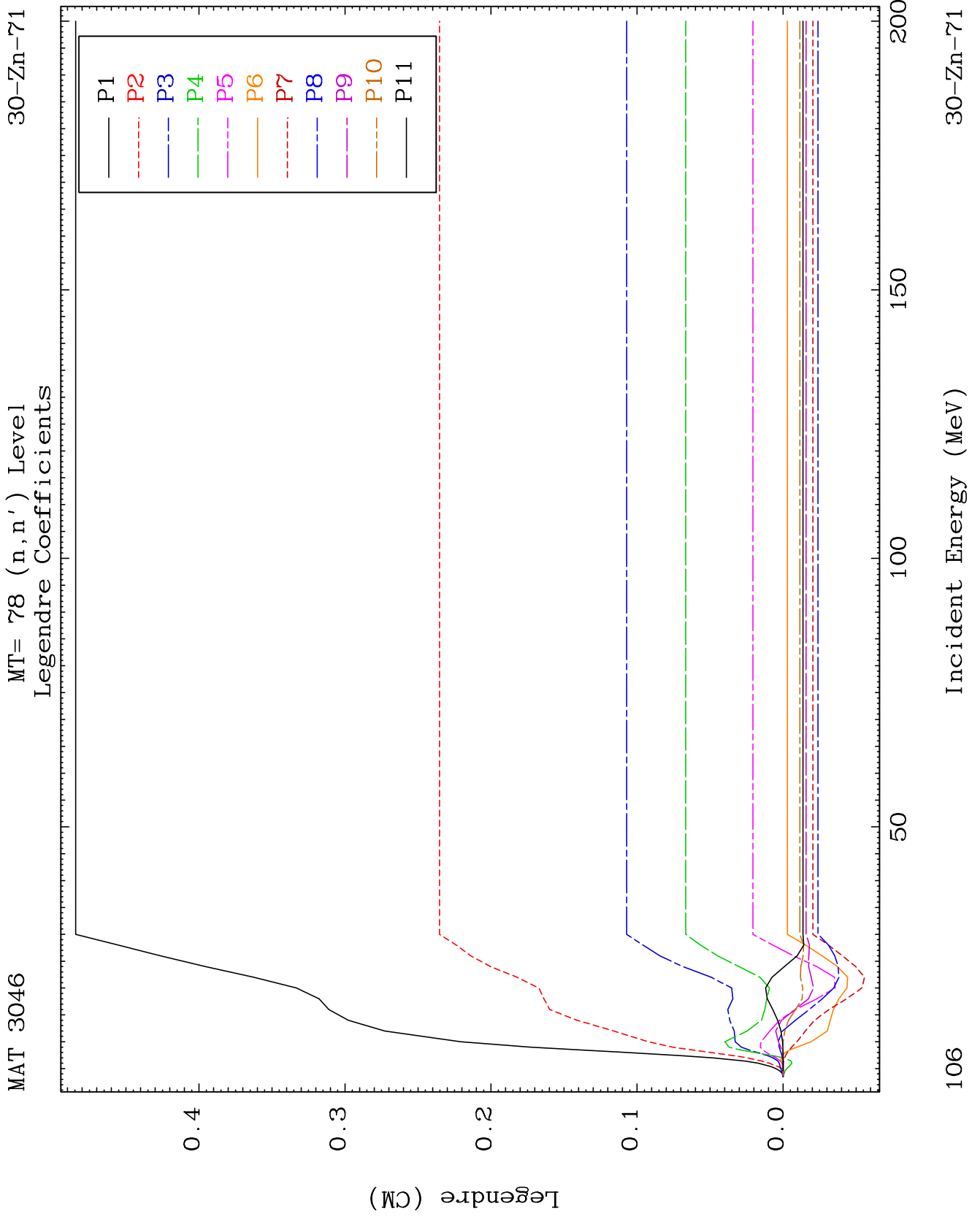


104

Incident Energy (MeV)

30-Zn-71

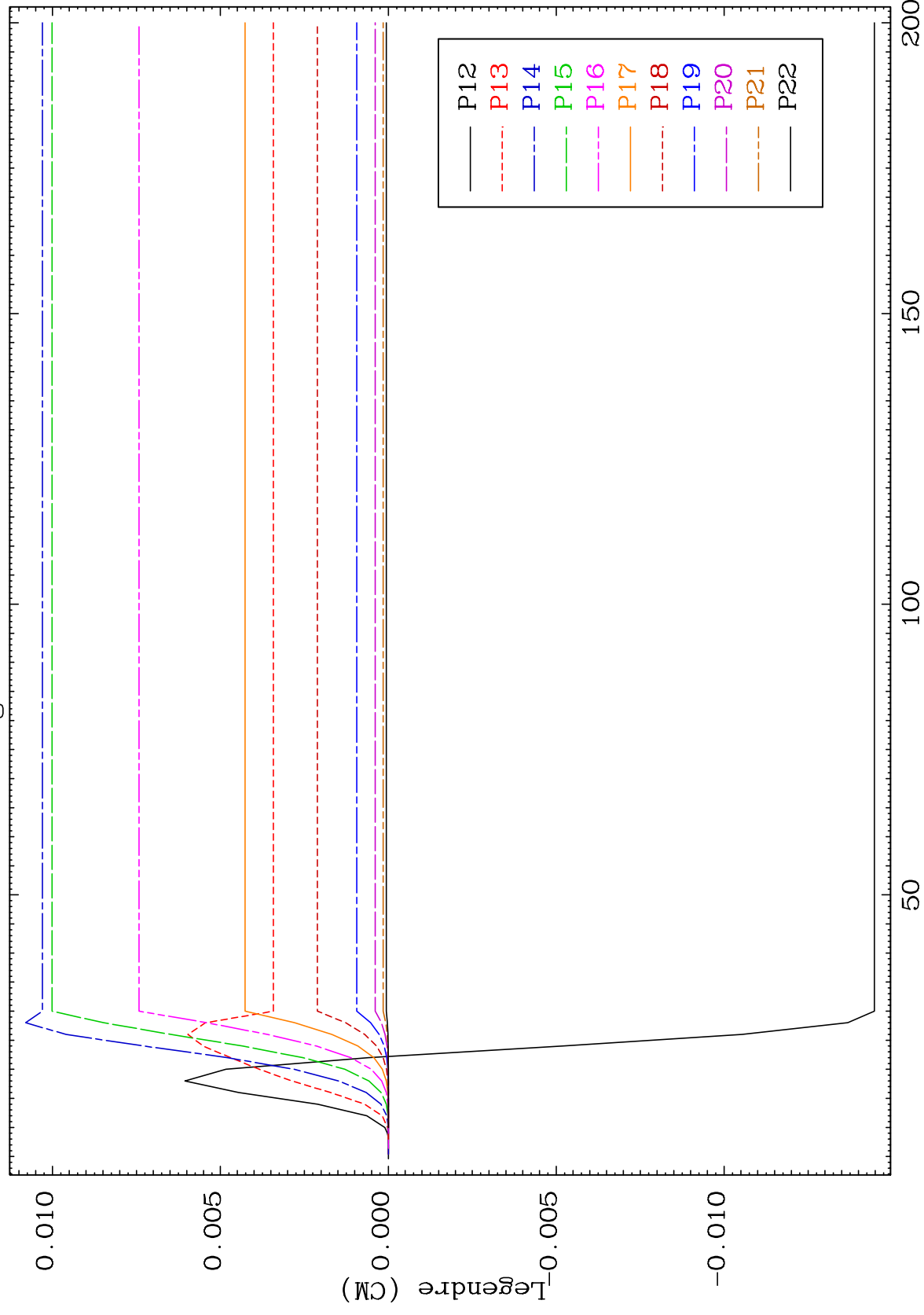




MAT 3046

MT= 78 (n,n') Level
Legendre Coefficients

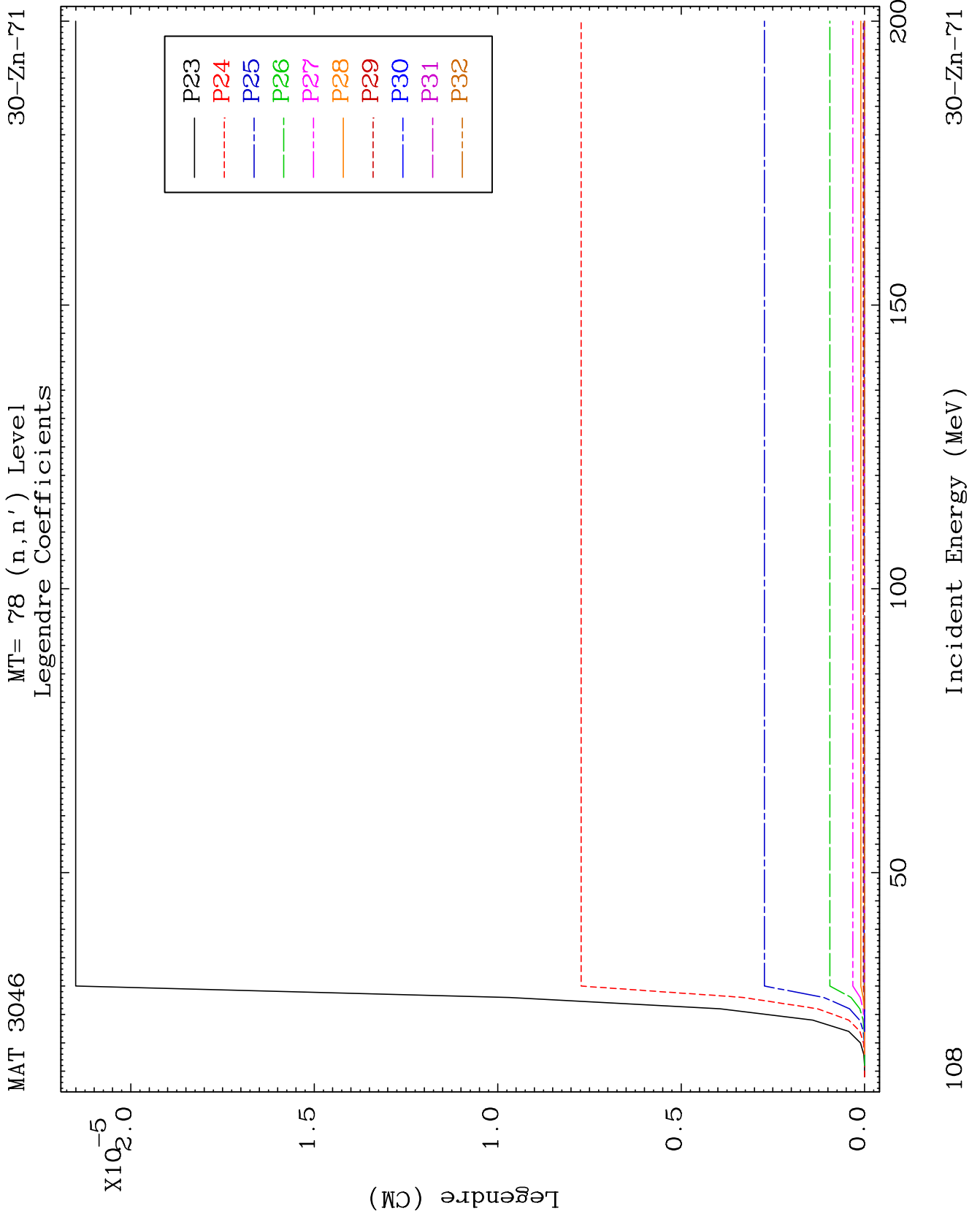
30-Zn-71

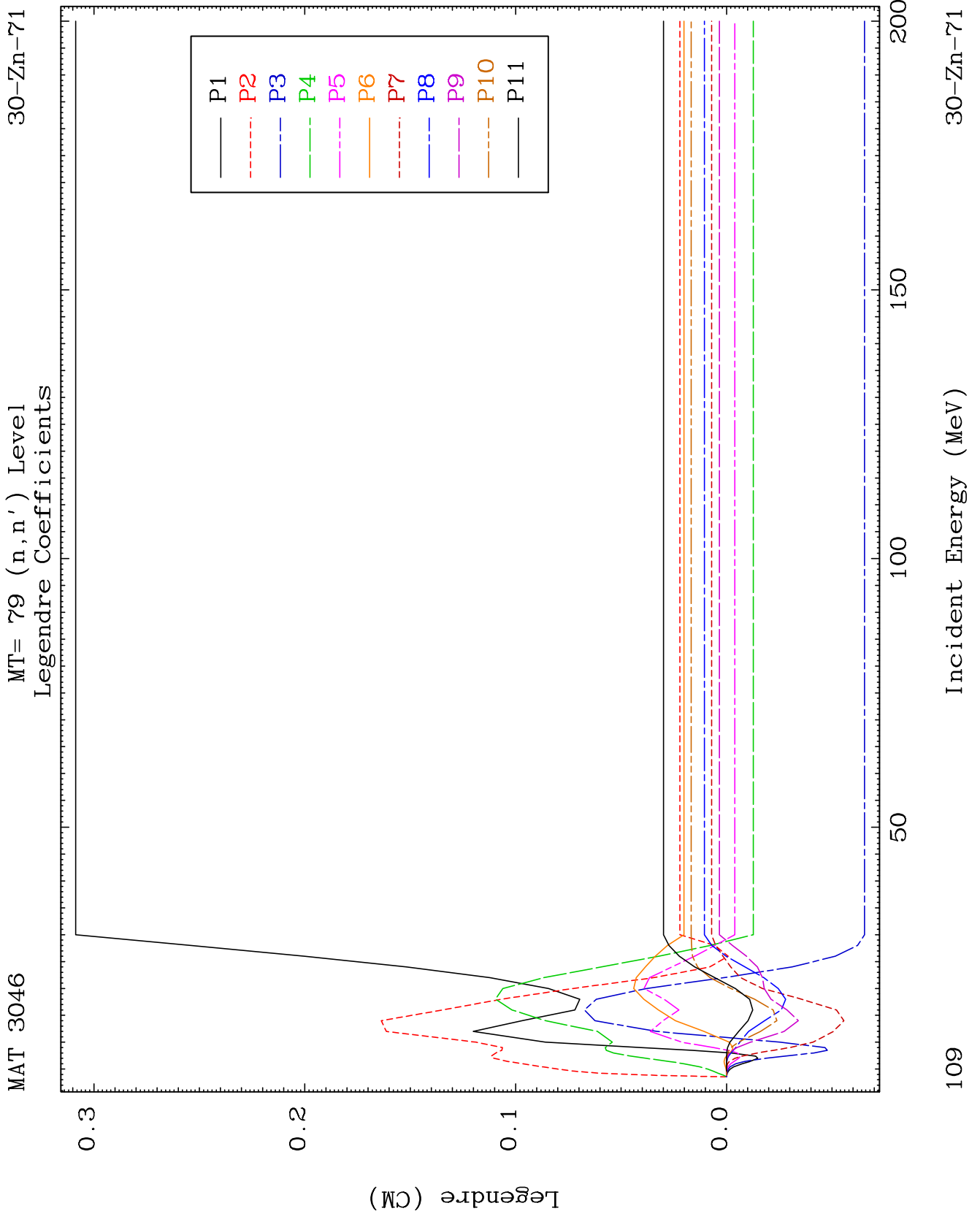


107

Incident Energy (MeV)

30-Zn-71

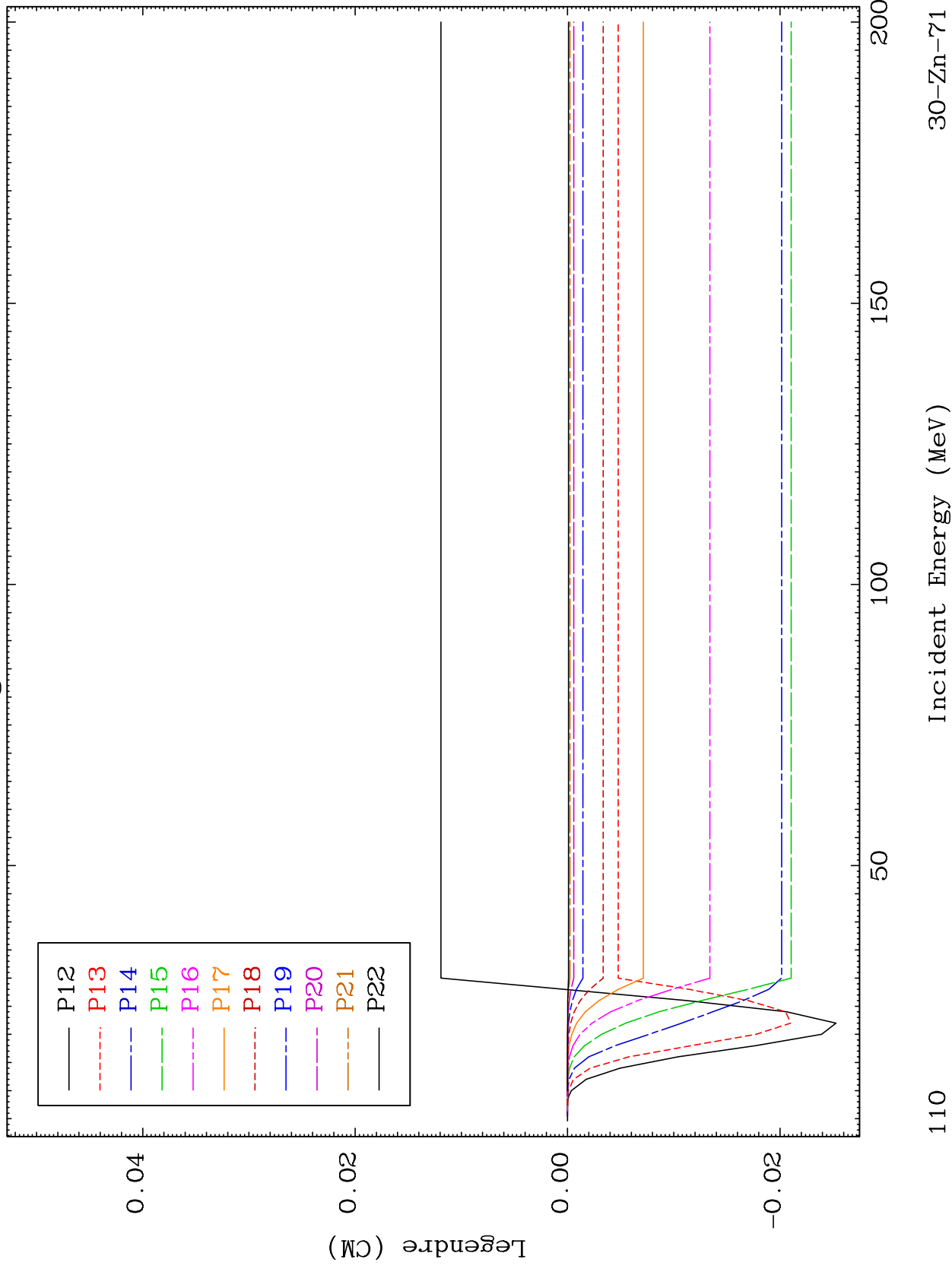




MAT 3046

MT= 79 (n,n') Level
Legendre Coefficients

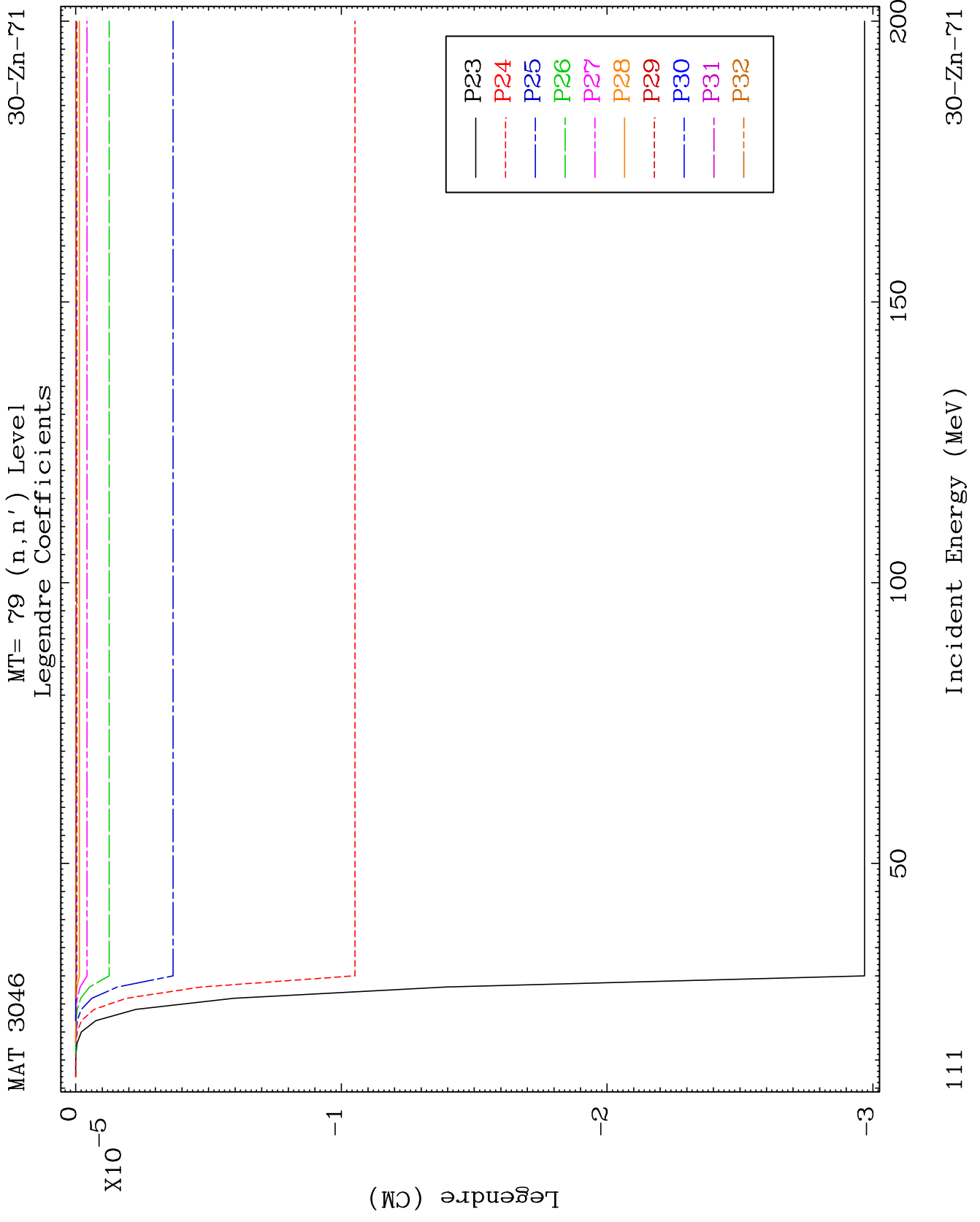
30-Zn-71

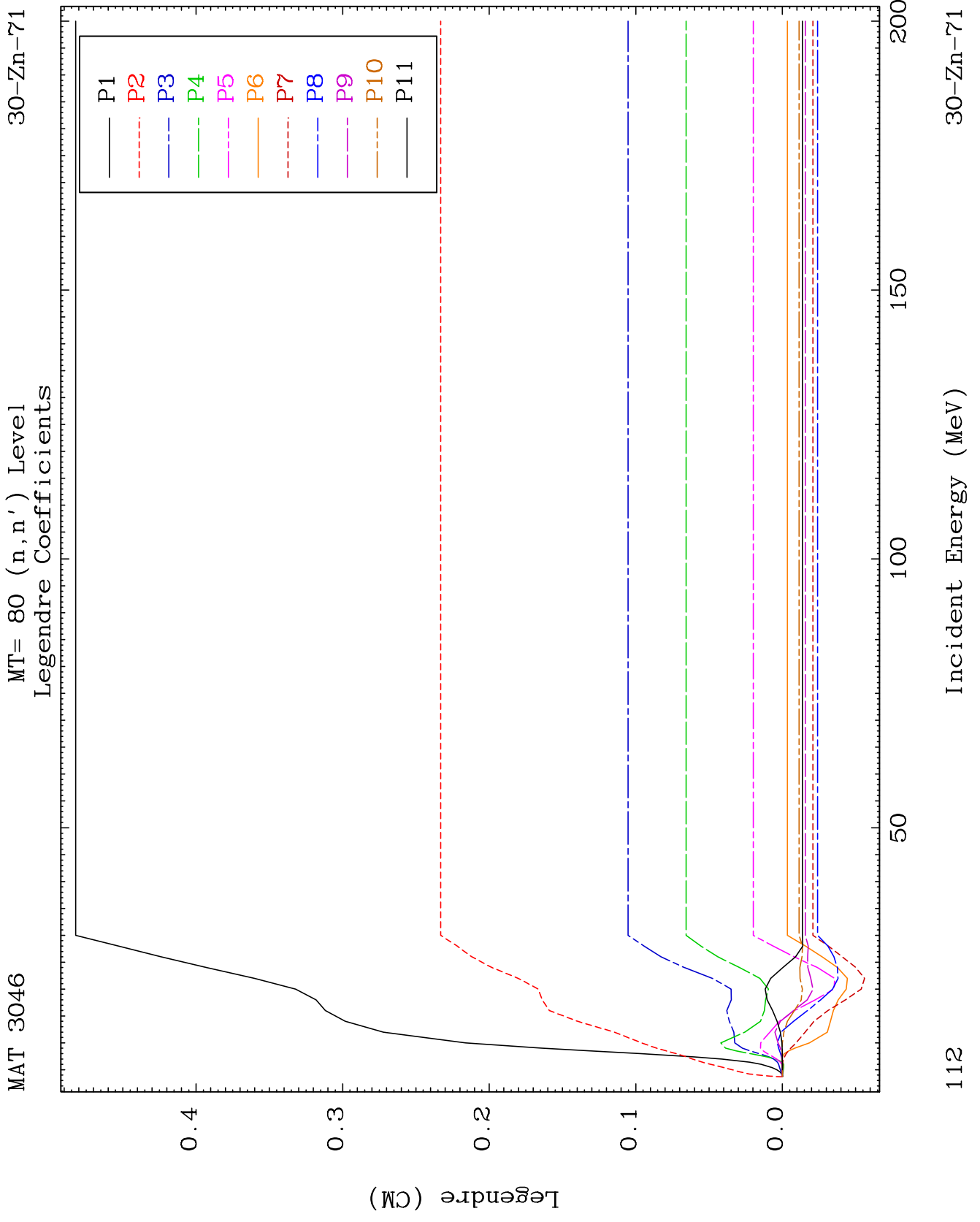


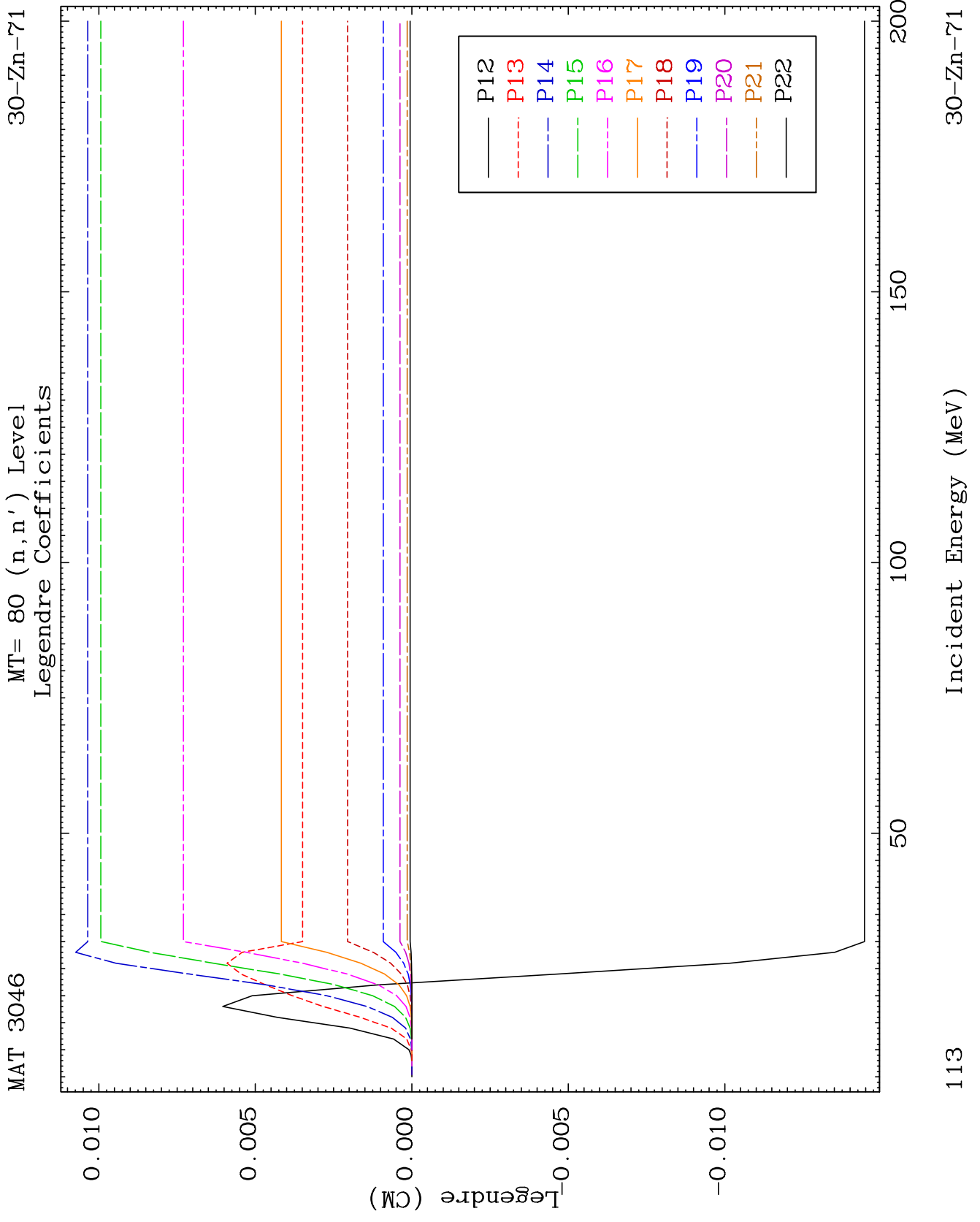
110

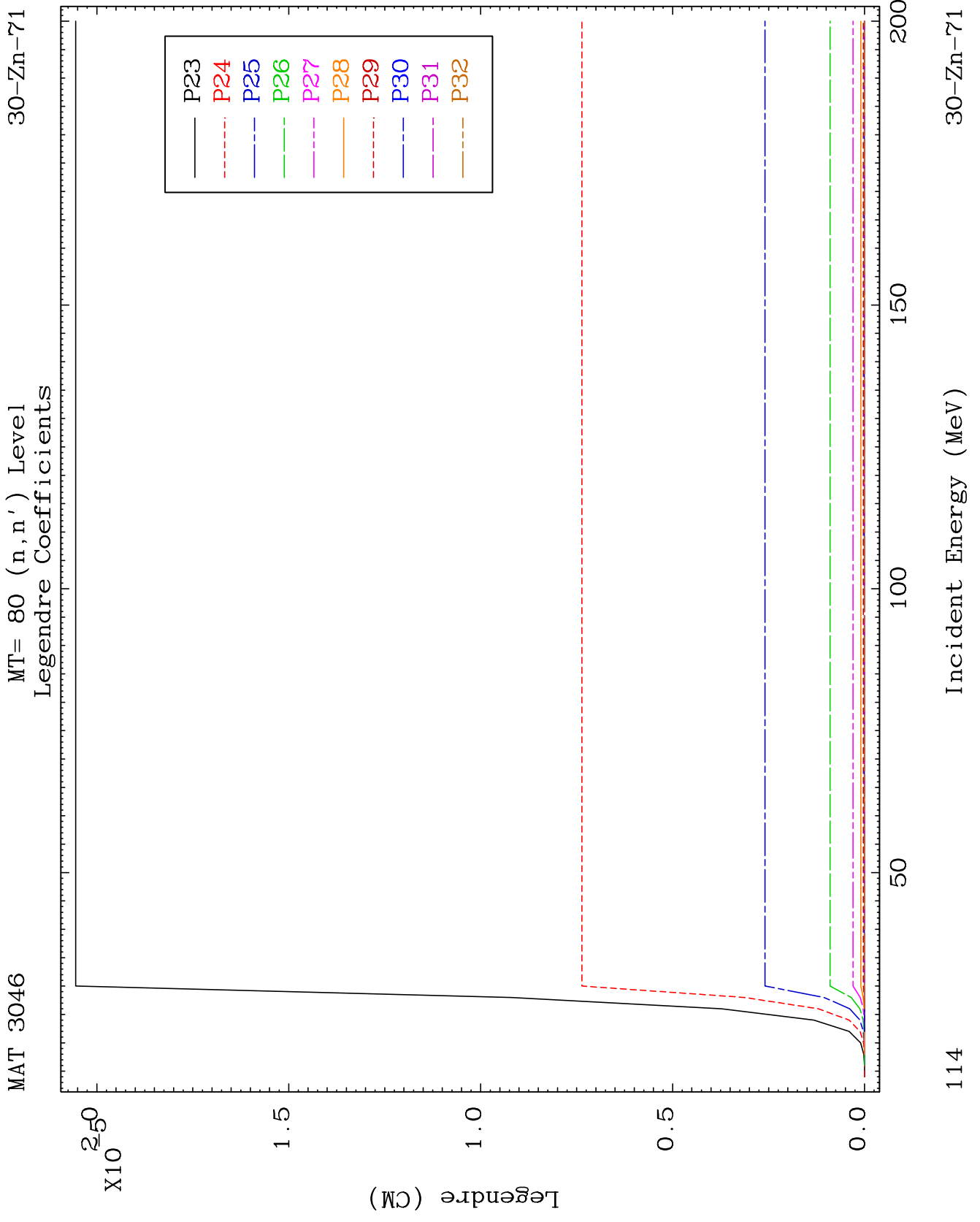
Incident Energy (MeV)

30-Zn-71





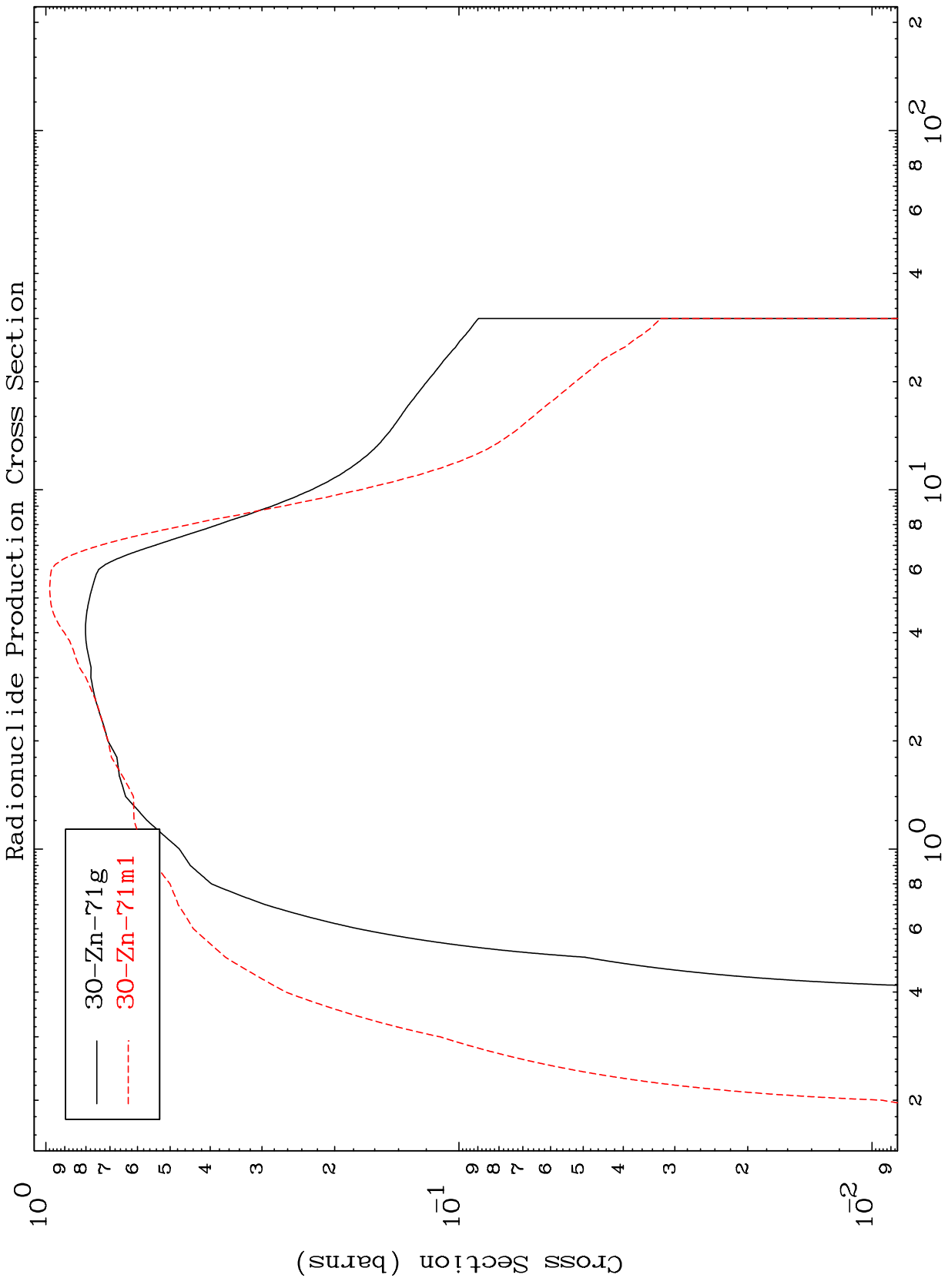




MAT 3046

30-Zn-71

Radionuclide Production Cross Section



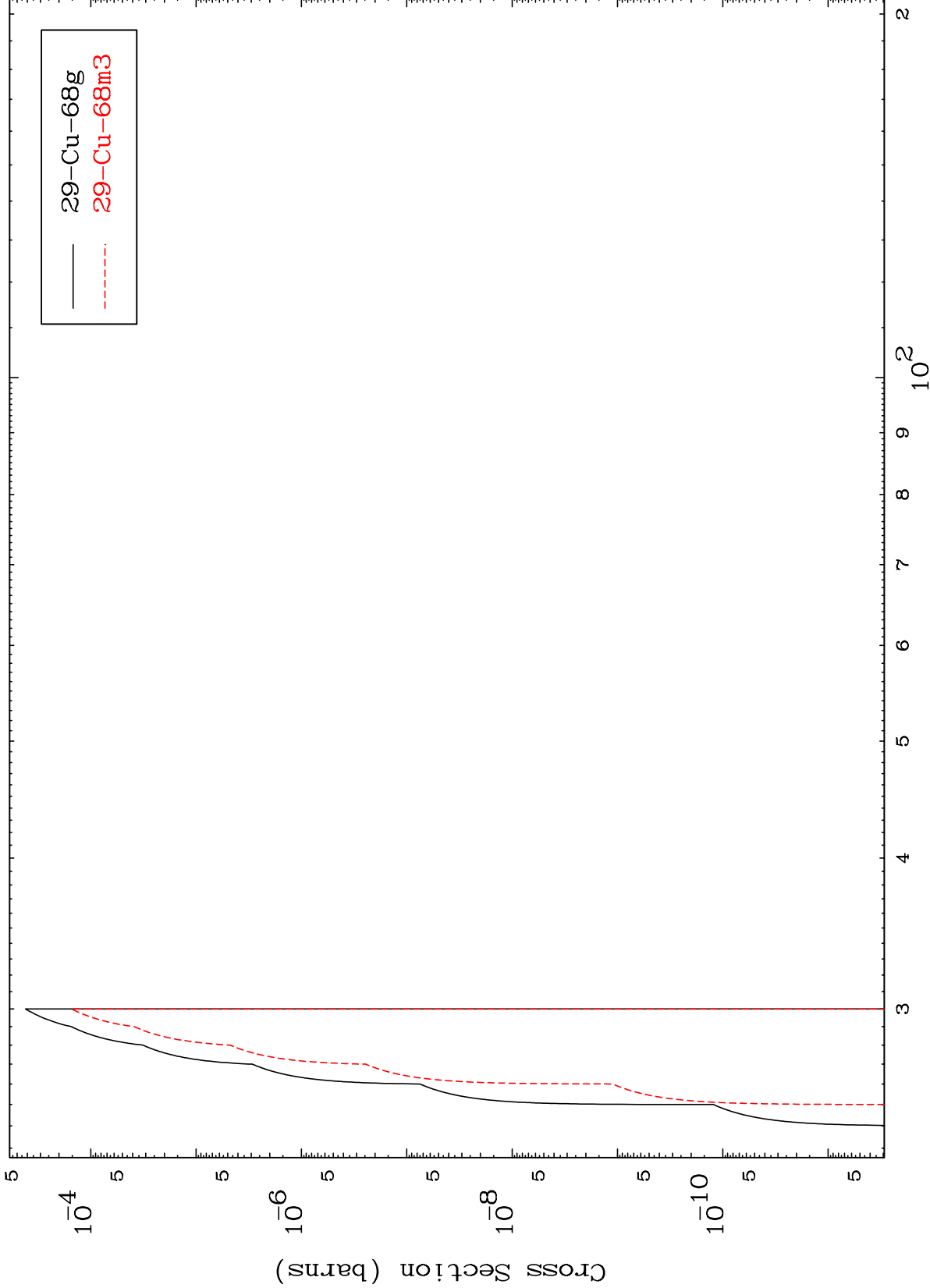
30-Zn-71 g
30-Zn-71 m1

30-Zn-71

Incident Energy (MeV)

115

Radionuclide Production Cross Section



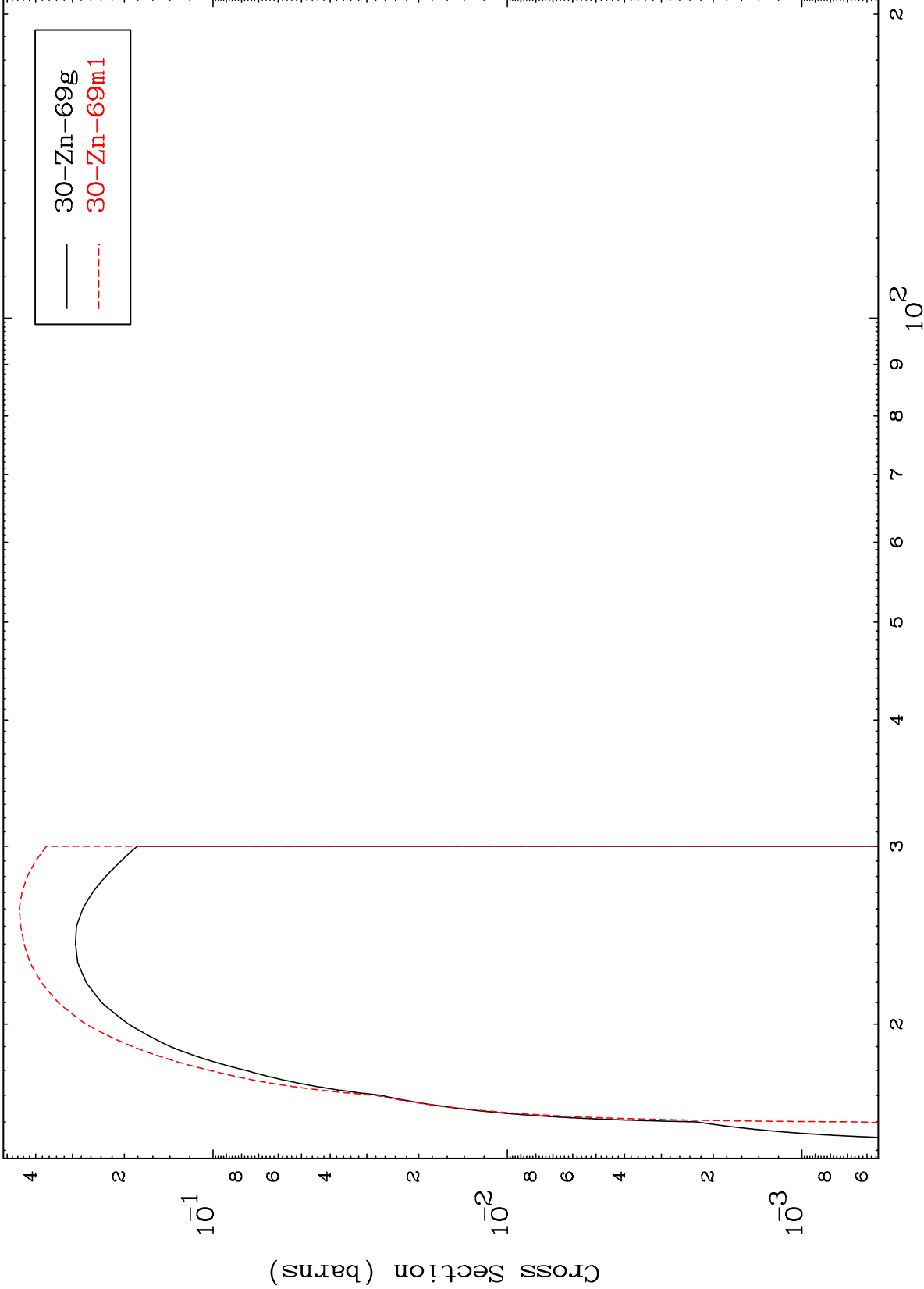
— 29-Cu-68g
- - - 29-Cu-68m3

MAT 3046

(n,3n)

30-Zn-71

Radionuclide Production Cross Section

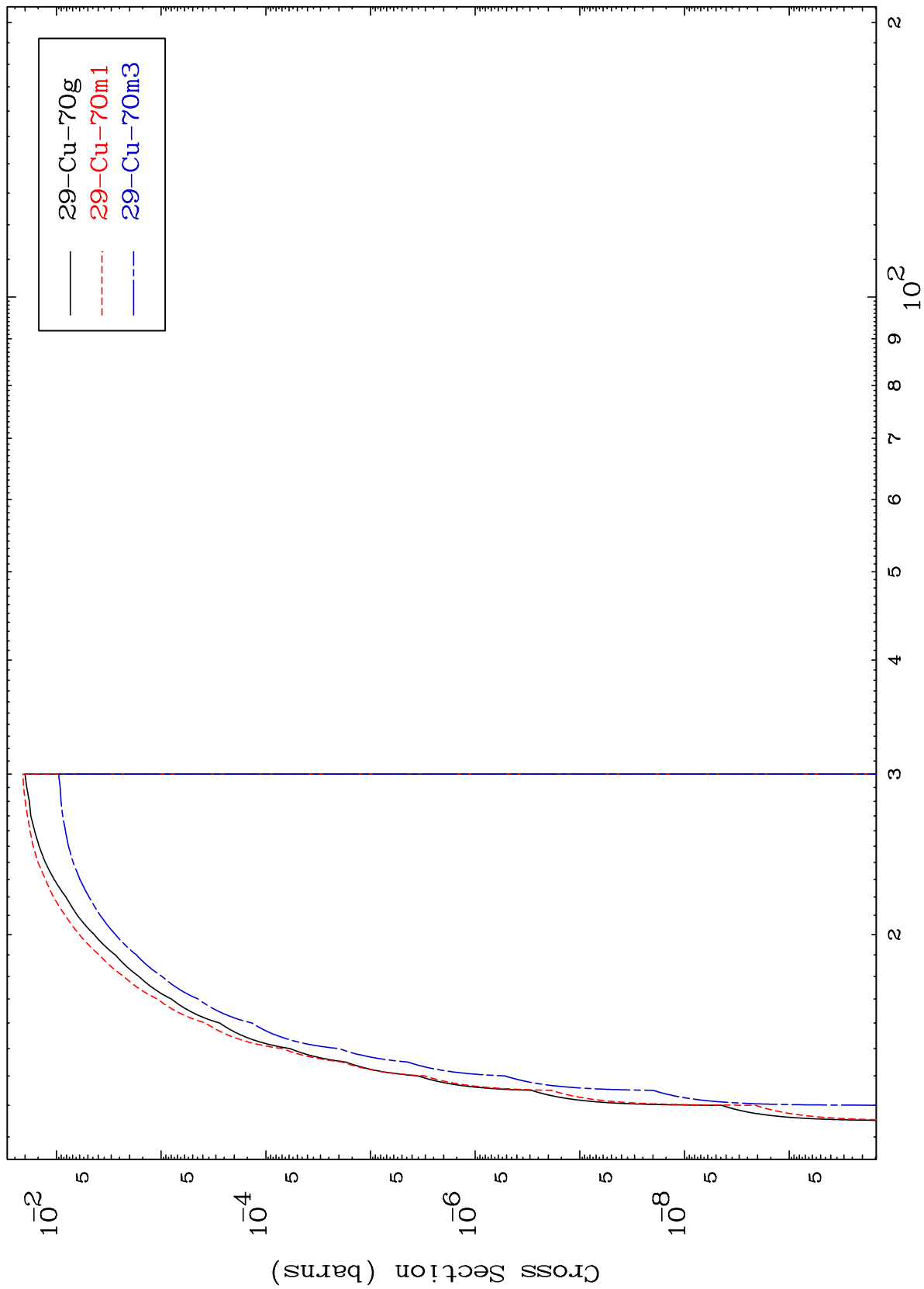


117

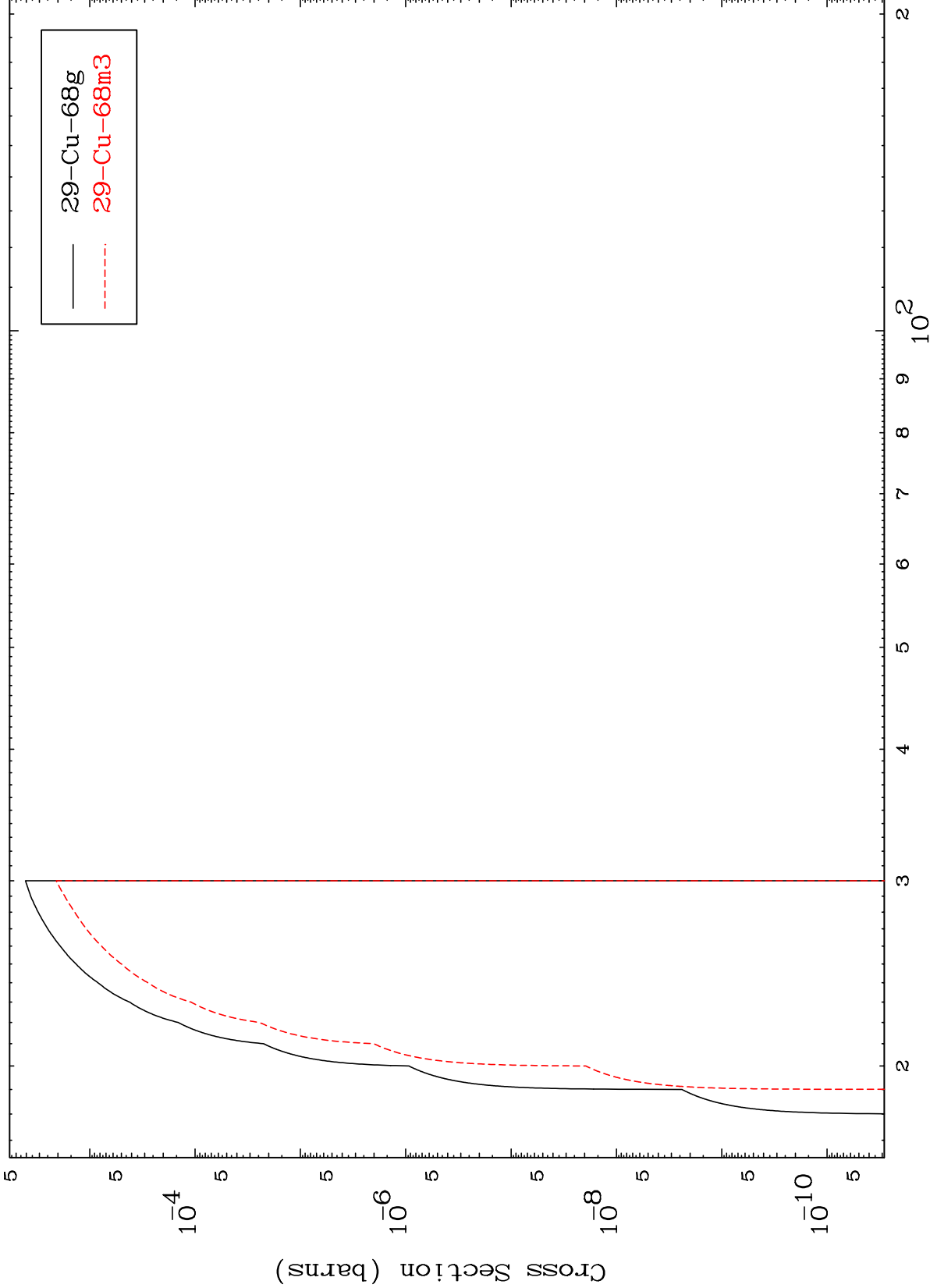
Incident Energy (MeV)

30-Zn-71

Radionuclide Production Cross Section



Radionuclide Production Cross Section

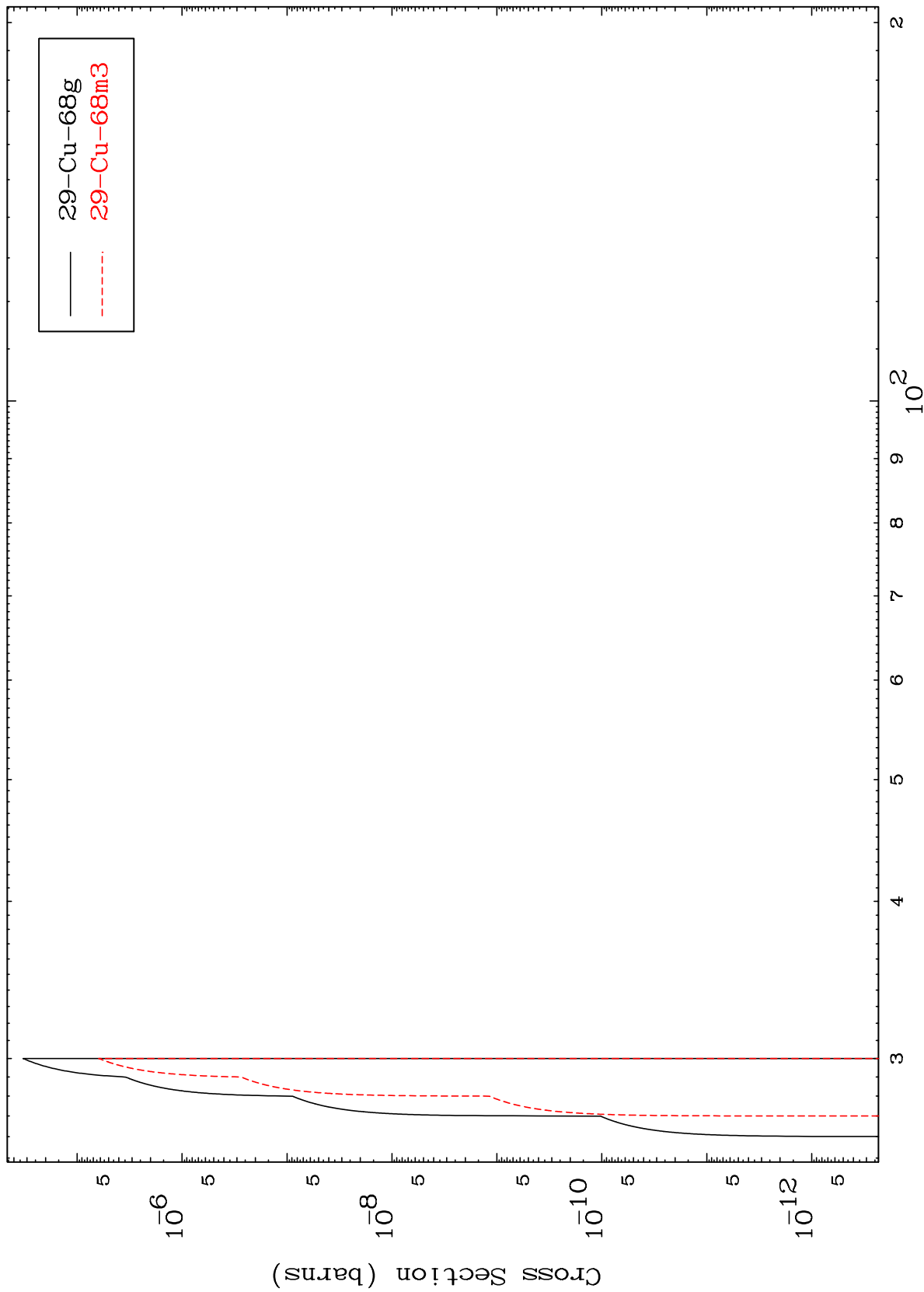


MAT 3046

(n,3n) p

30-Zn-71

Radionuclide Production Cross Section



120

Incident Energy (MeV)

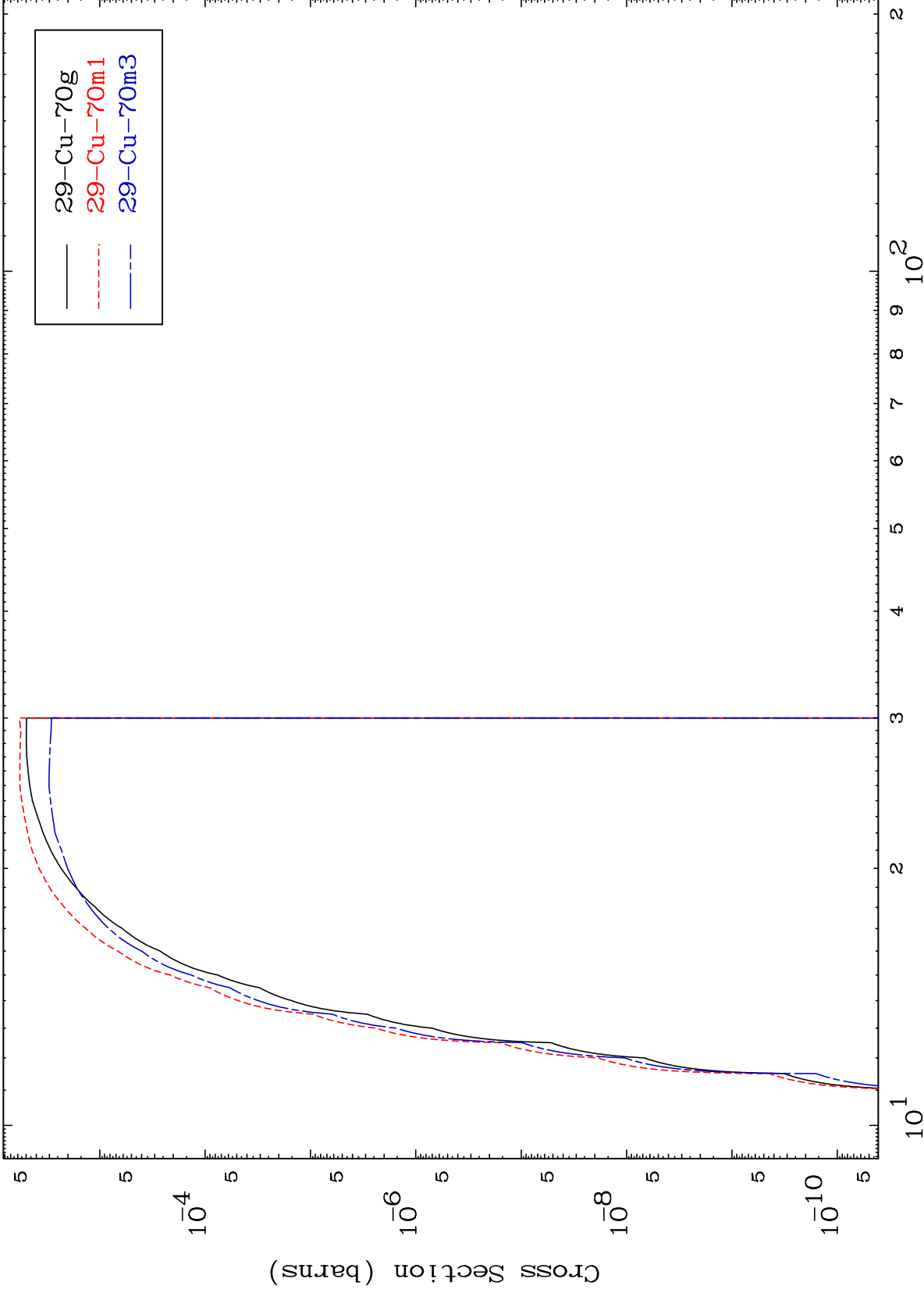
30-Zn-71

MAT 3046

(n,d)

30-Zn-71

Radionuclide Production Cross Section



Incident Energy (MeV)

30-Zn-71