

Program EVALPLOT  
(Version 2018-1)

by

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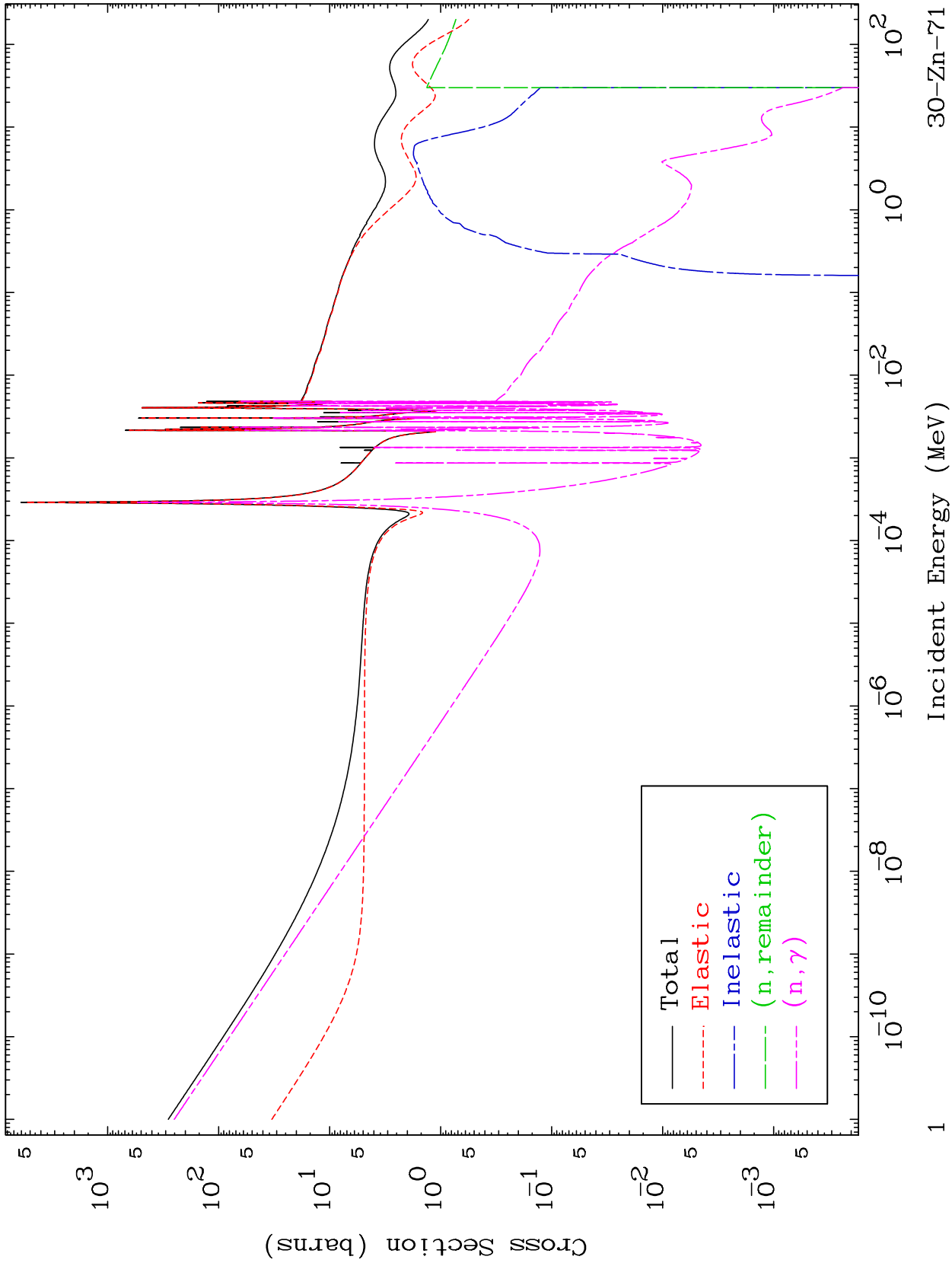
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3046

Major  
293 Kelvin Cross Sections

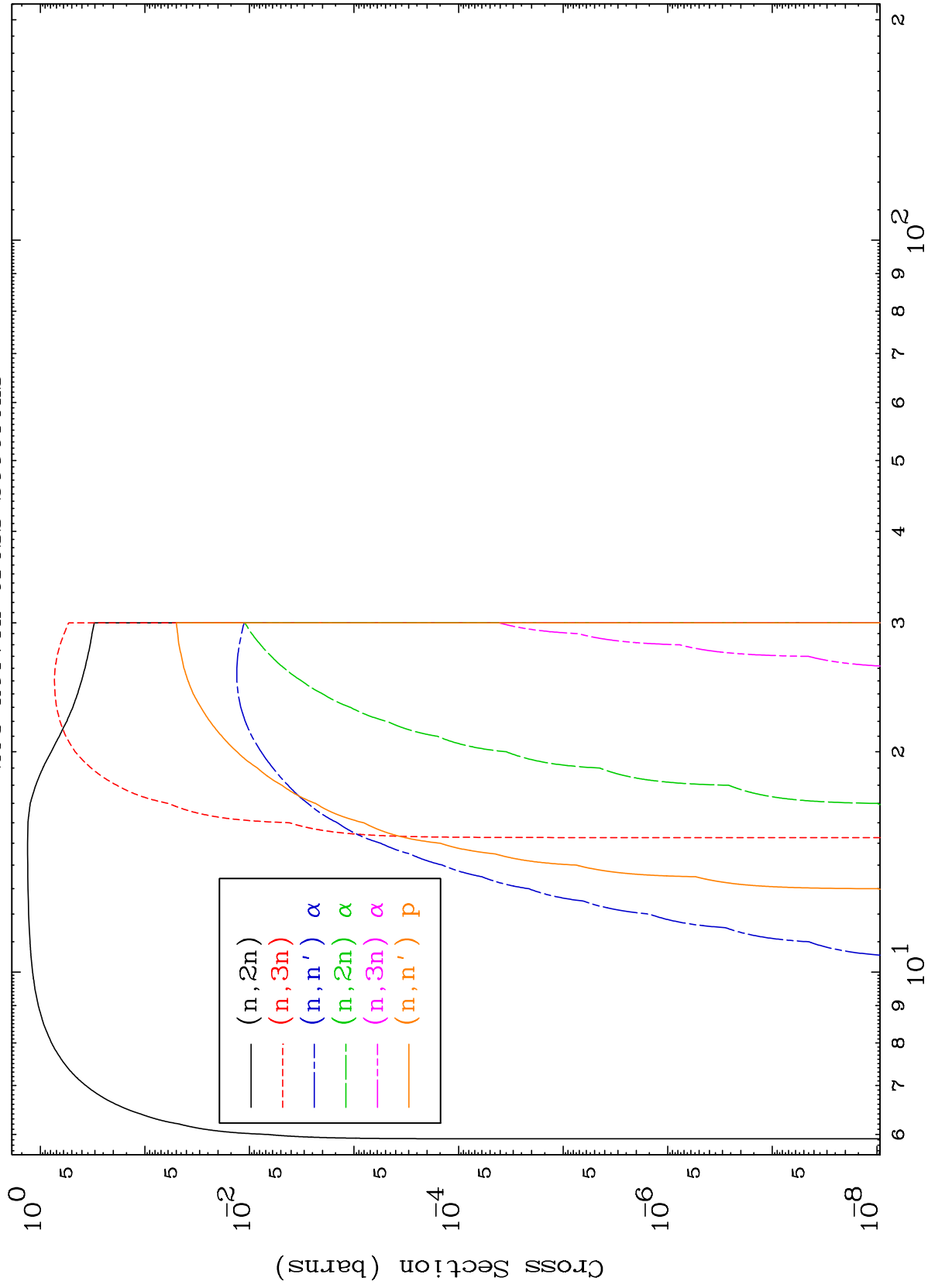
30-Zn-71



MAT 3046

Neutron Production  
293 Kelvin Cross Sections

30-Zn-71



2

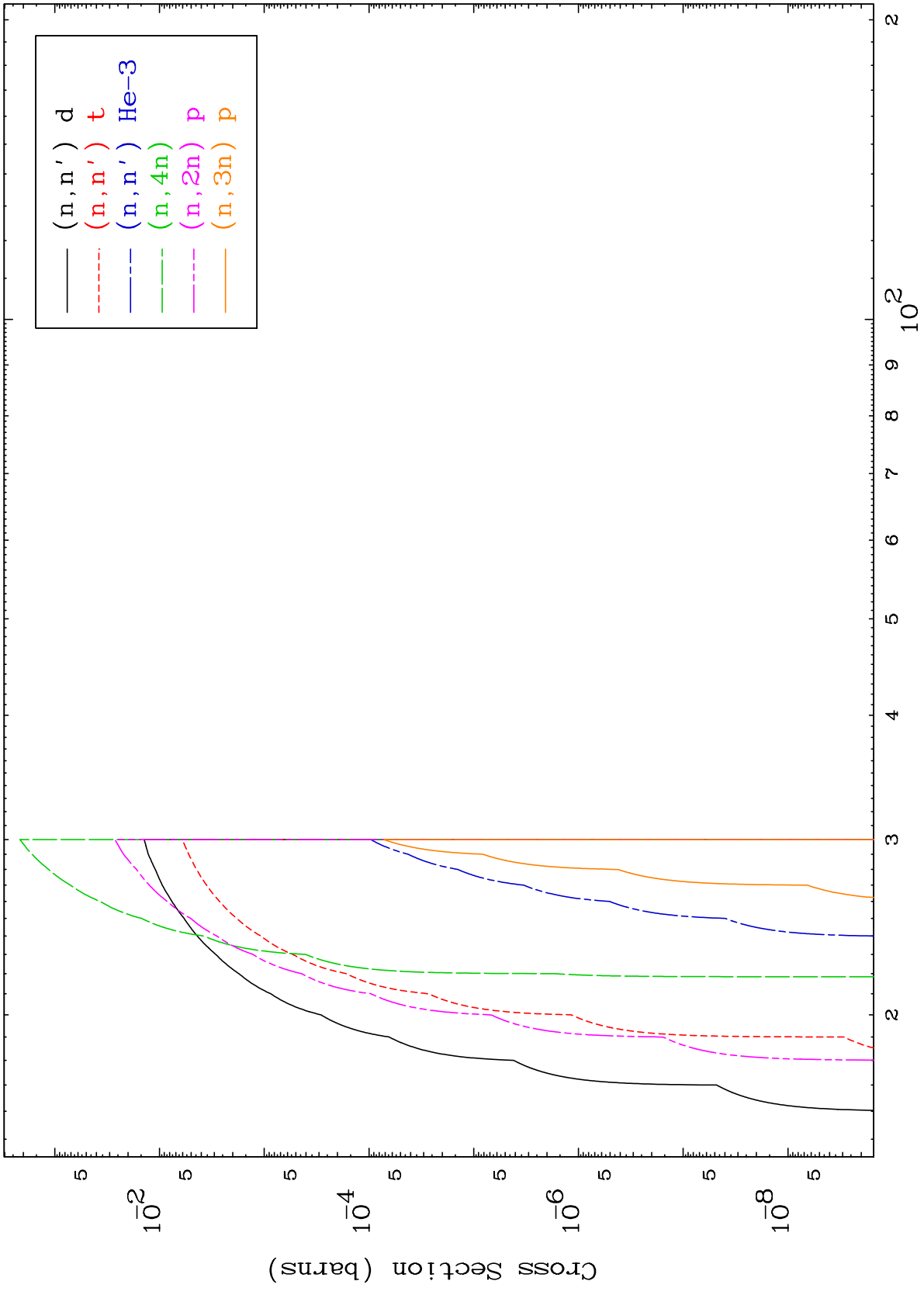
Incident Energy (MeV)

30-Zn-71

MAT 3046

Neutron Production  
293 Kelvin Cross Sections

30-Zn-71



3

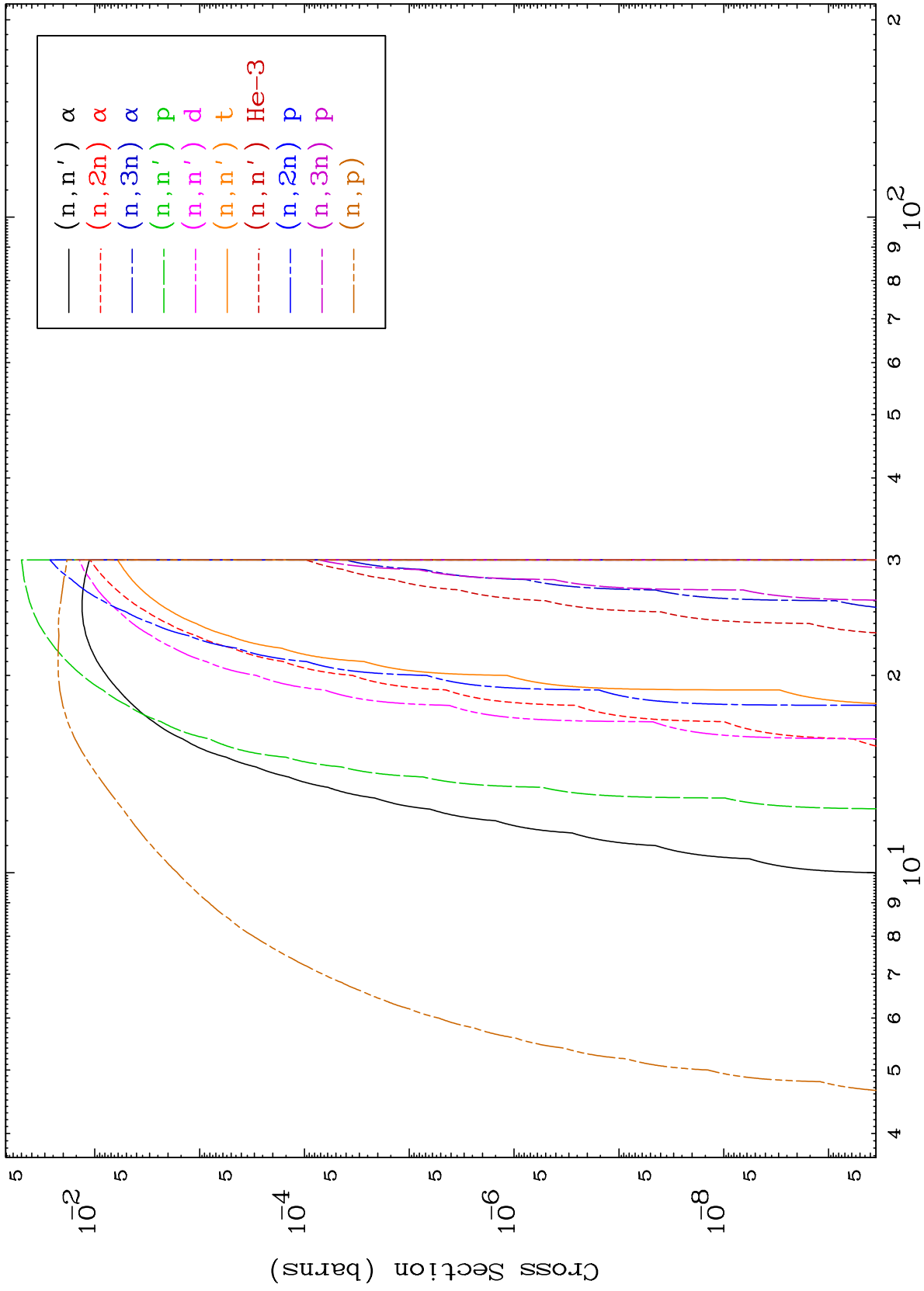
Incident Energy (MeV)

30-Zn-71

MAT 3046

Charged Particle  
293 Kelvin Cross Sections

30-Zn-71



4

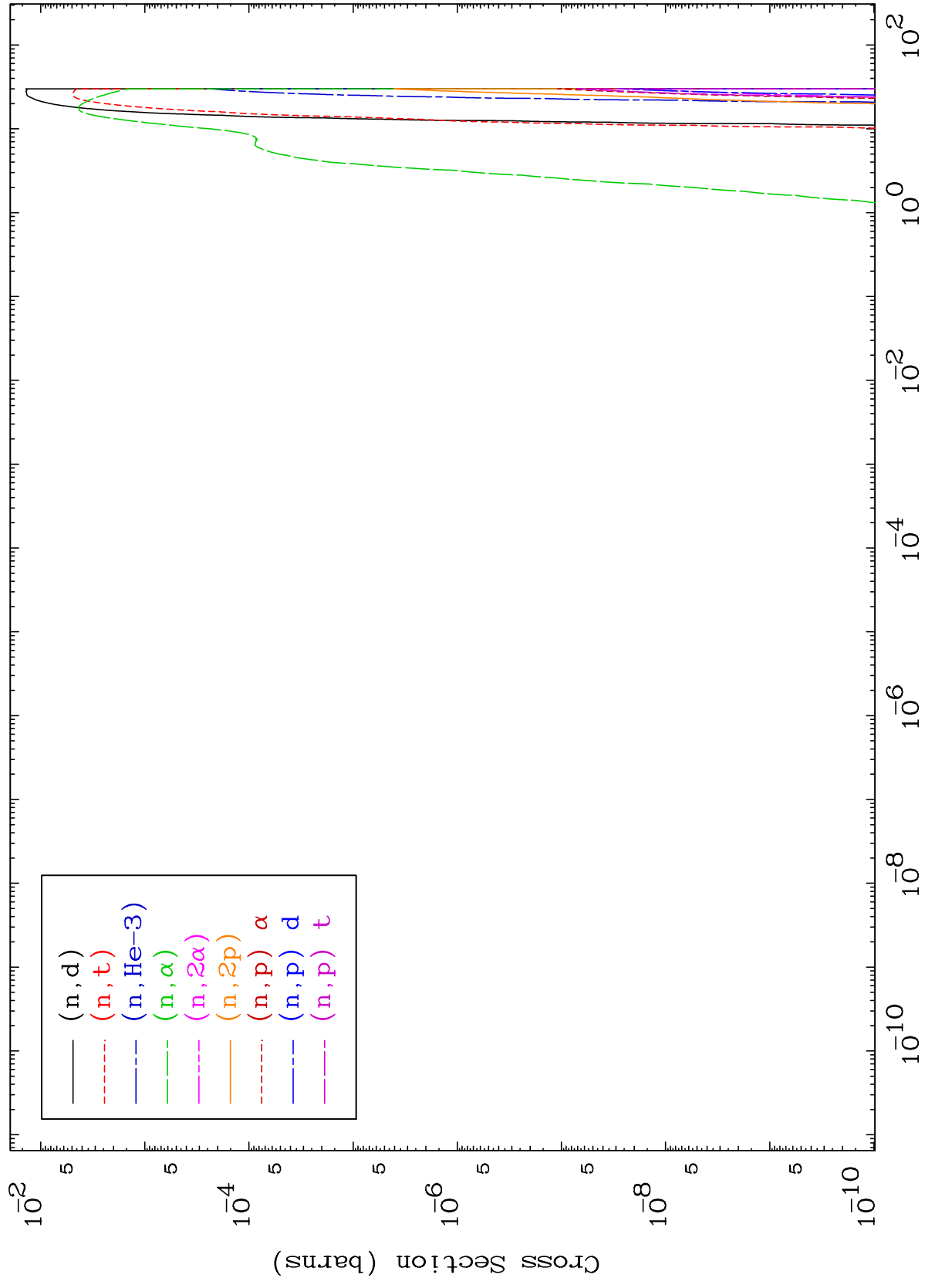
Incident Energy (MeV)

30-Zn-71

MAT 3046

293 Charged Particle  
Kelvin Cross Sections

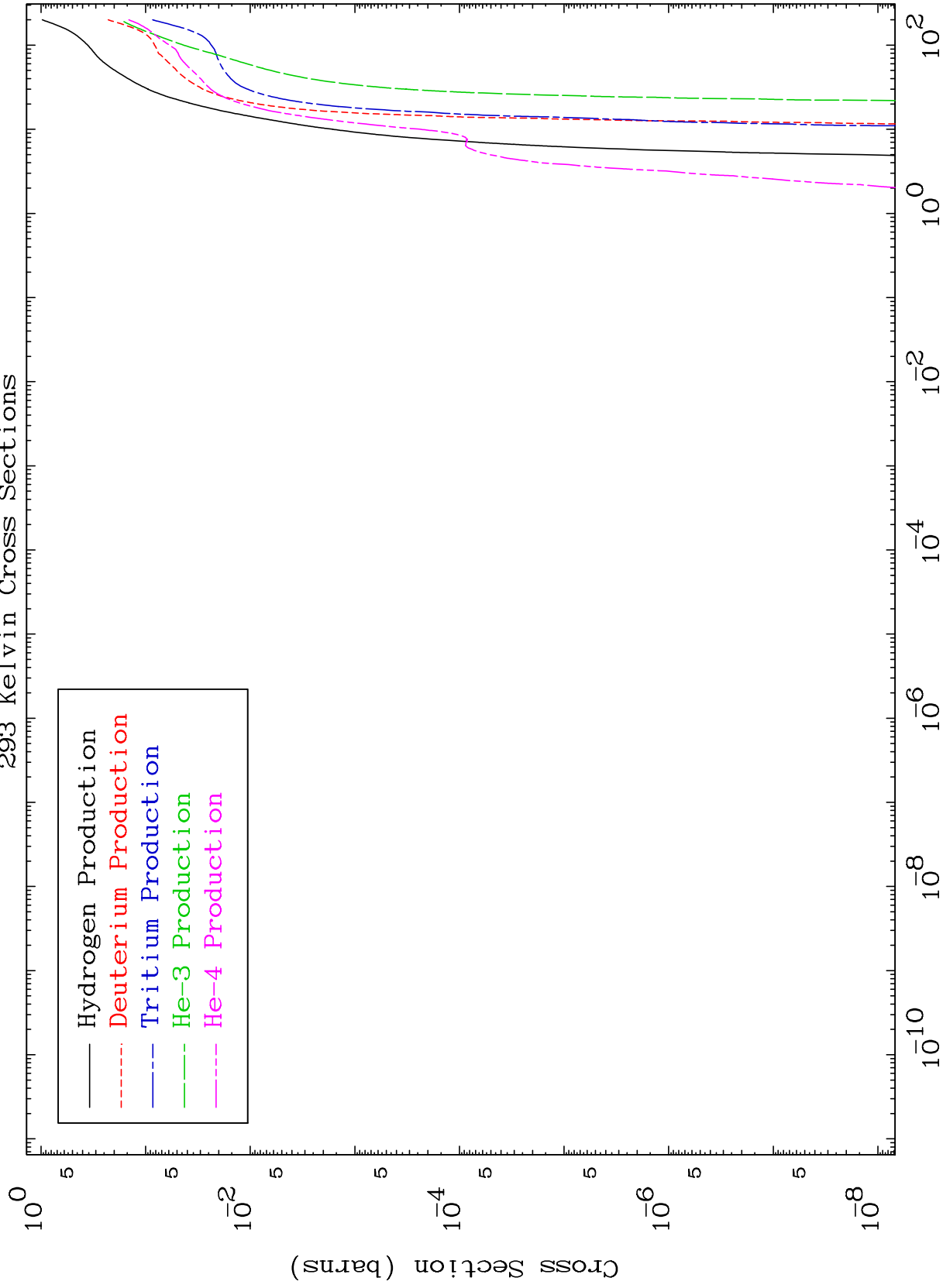
30-Zn-71



MAT 3046

Particle Production  
293 Kelvin Cross Sections

30-Zn-71



6

Incident Energy (MeV)

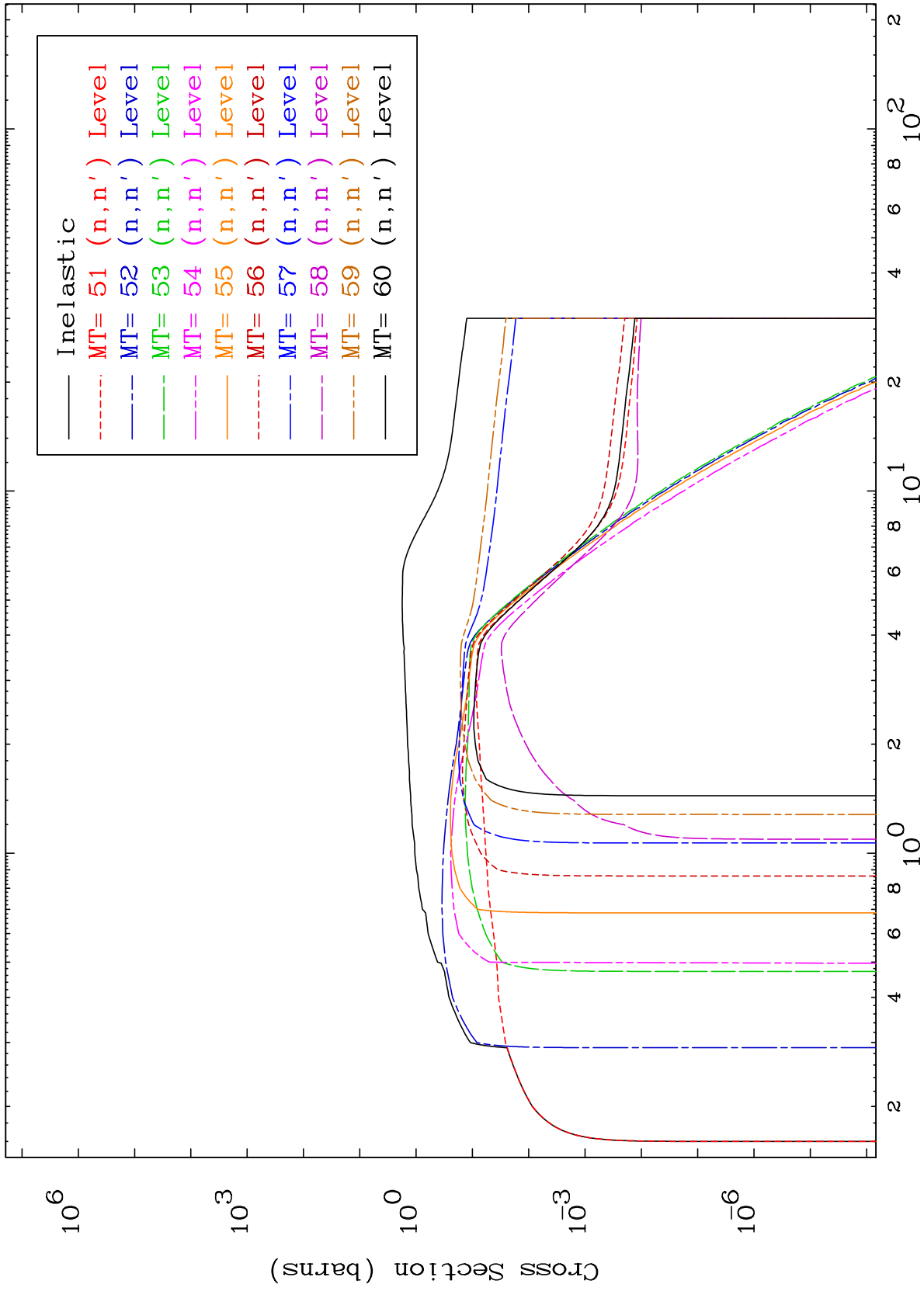
30-Zn-71

MAT 3046

(n,n') Level

30-Zn-71

293 Kelvin Cross Sections



7

Incident Energy (MeV)

30-Zn-71

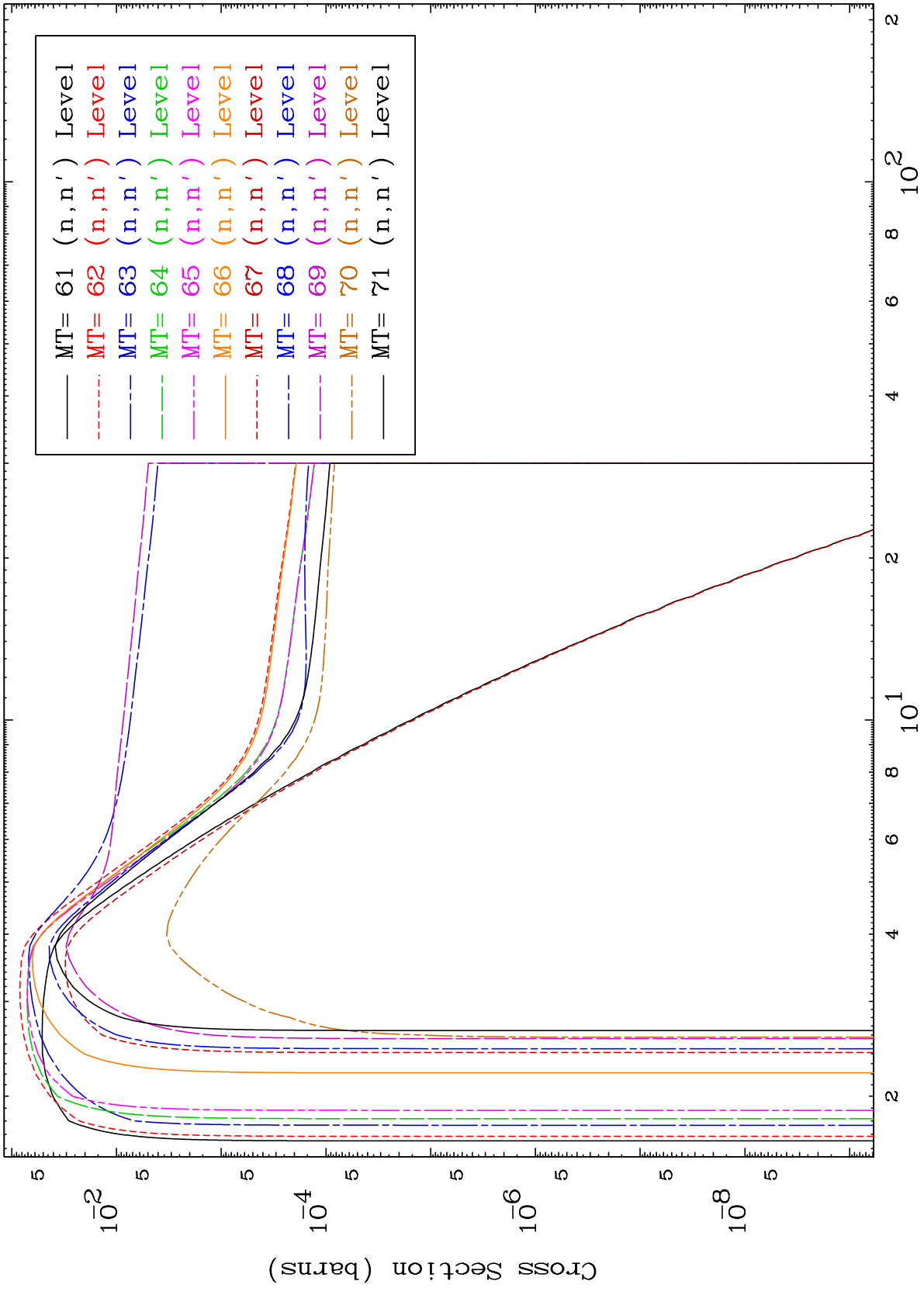


MAT 3046

(n,n') Level

30-Zn-71

293 Kelvin Cross Sections



8

Incident Energy (MeV)

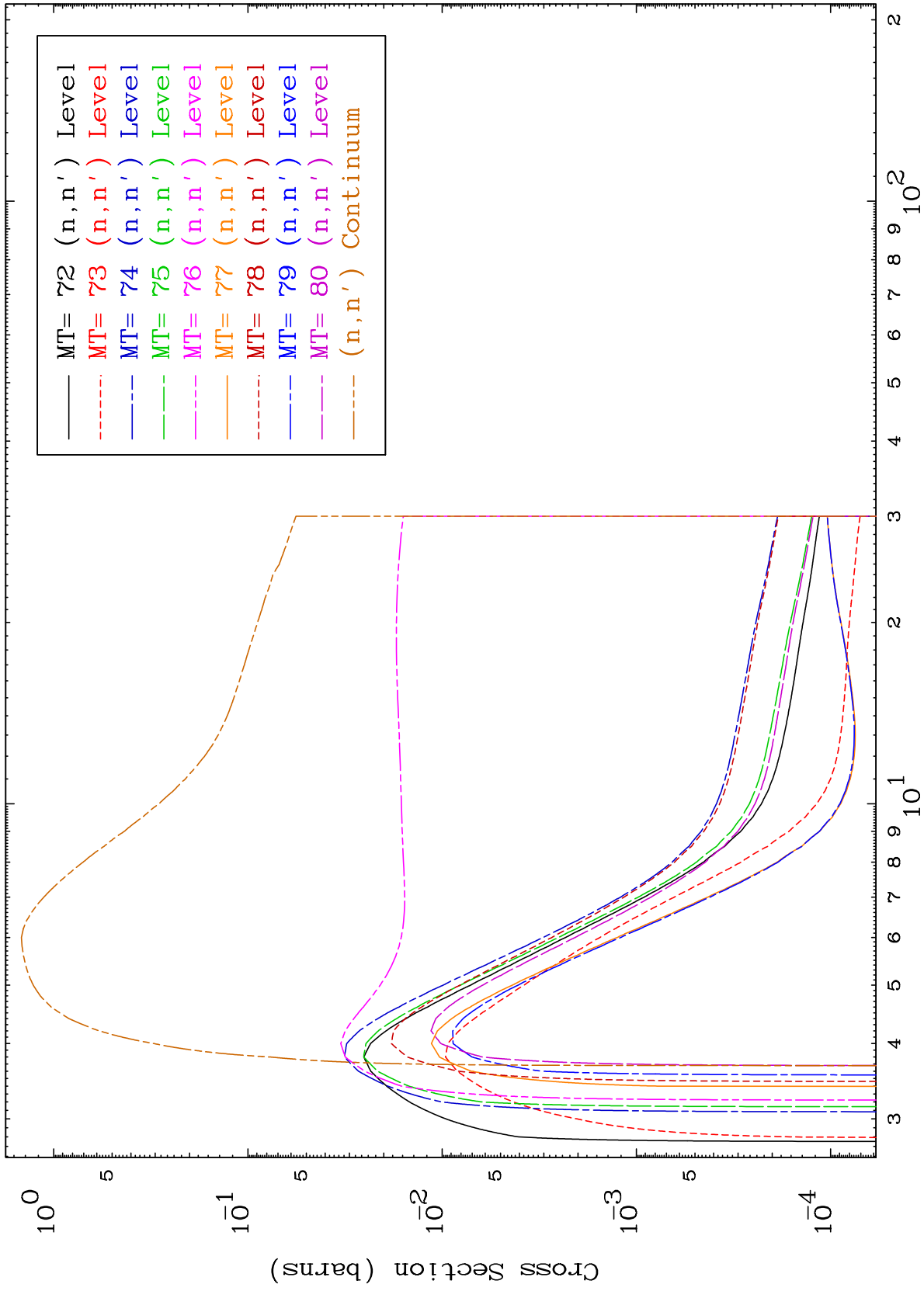
30-Zn-71

MAT 3046

(n,n') Level

30-Zn-71

293 Kelvin Cross Sections



9

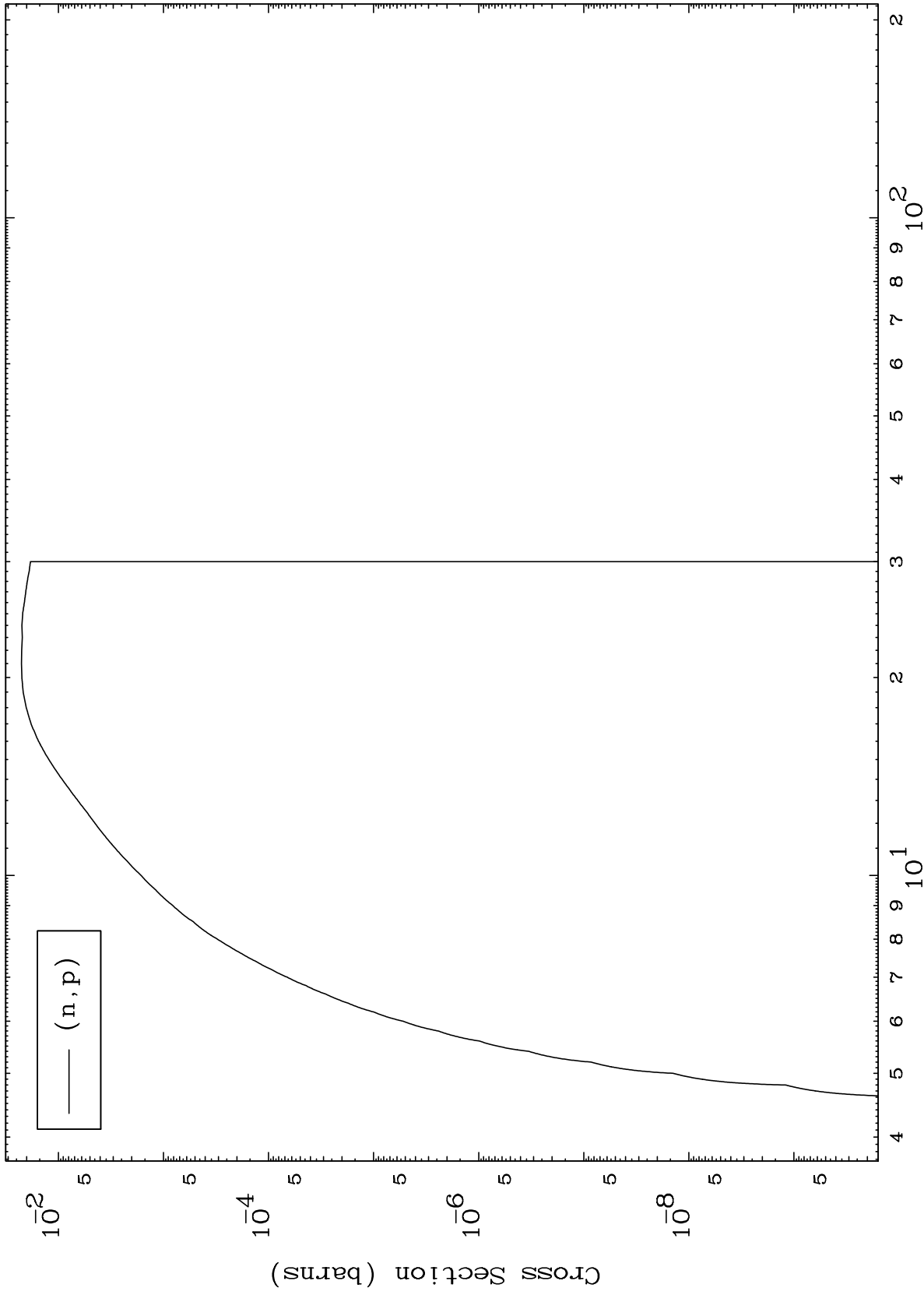
Incident Energy (MeV)

30-Zn-71

MAT 3046

(n,p) Levels  
293 Kelvin Cross Sections

30-Zn-71



10

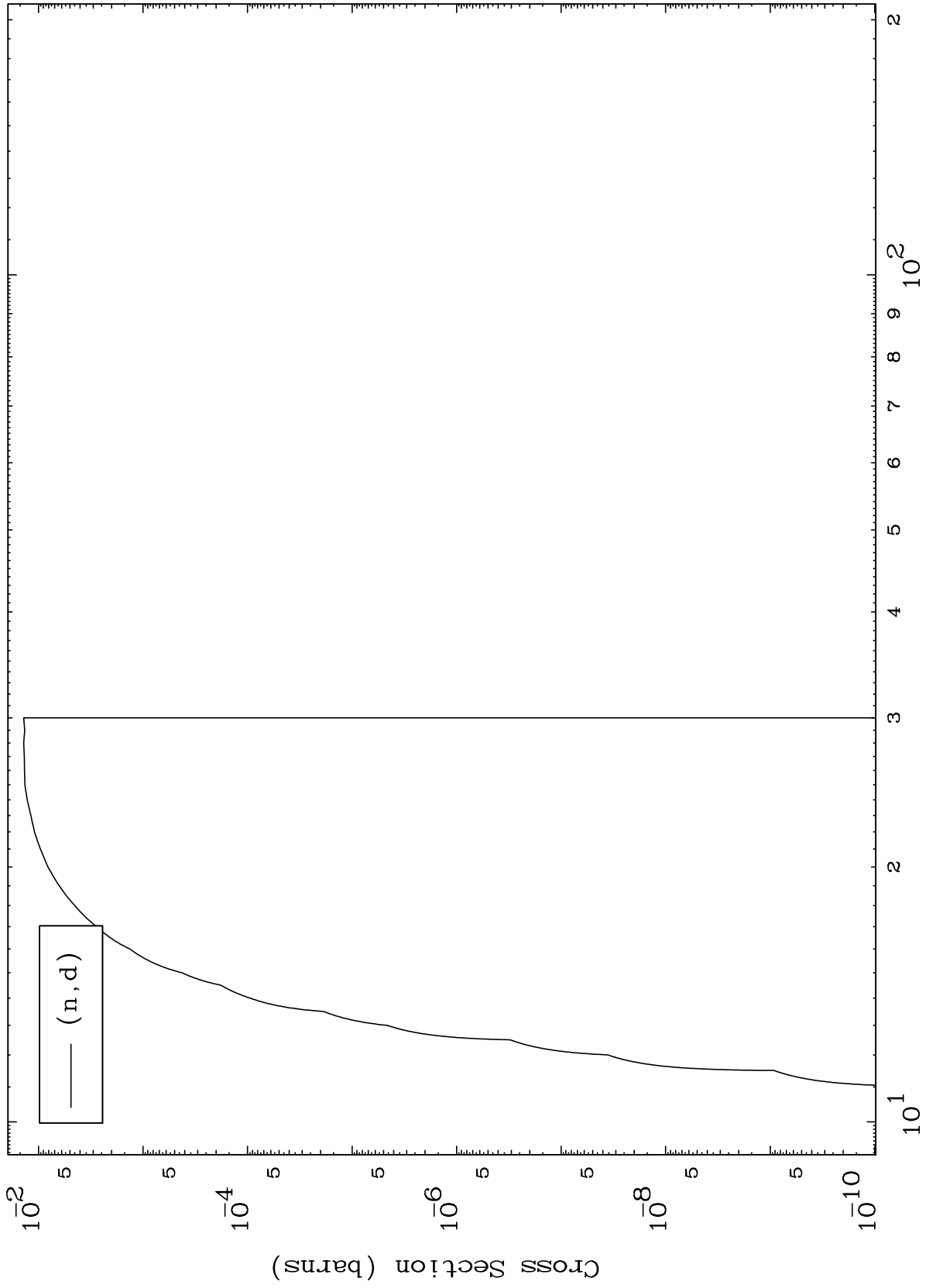
Incident Energy (MeV)

30-Zn-71

MAT 3046

(n,d) Levels  
293 Kelvin Cross Sections

30-Zn-71

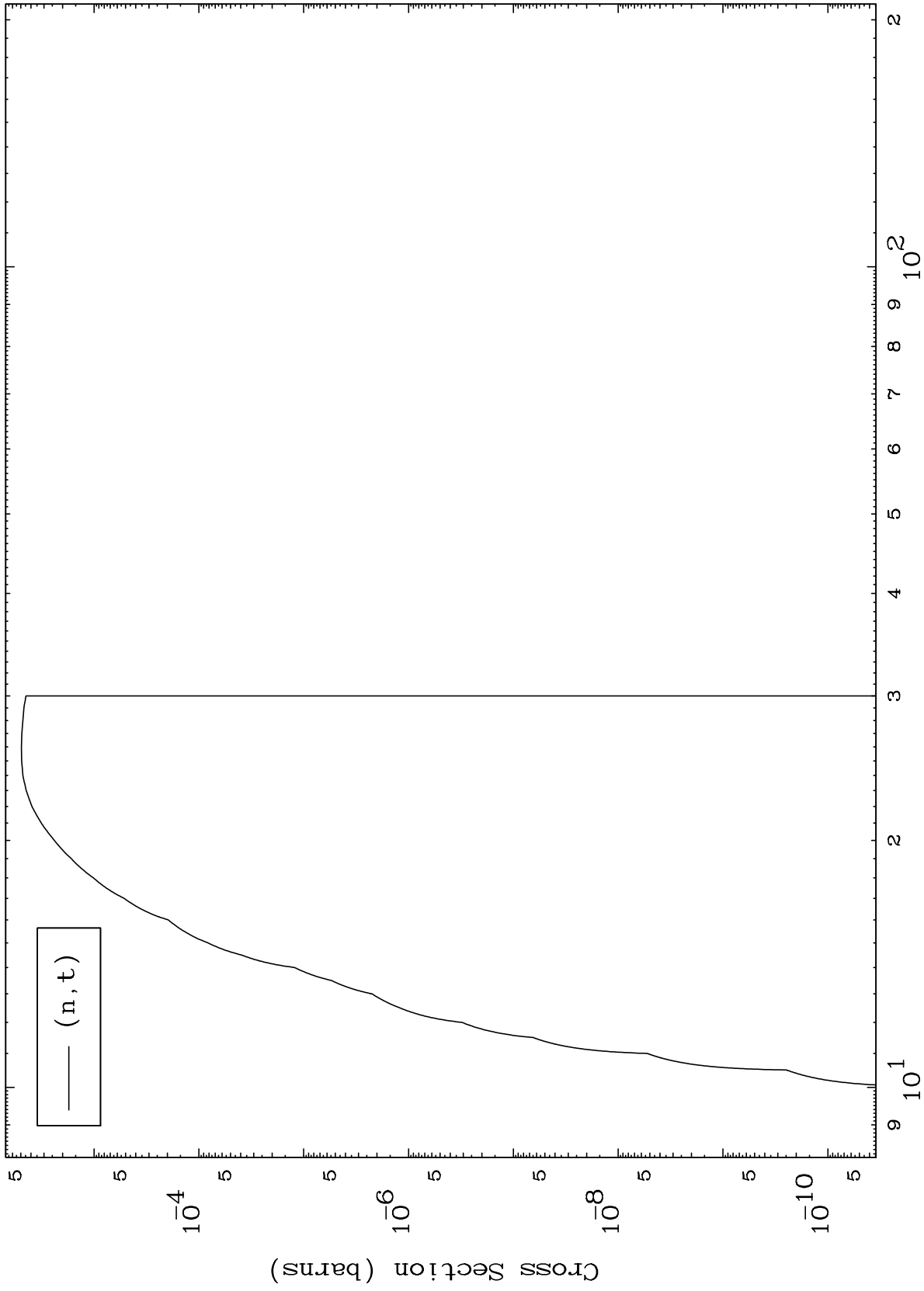


11

MAT 3046

(n,t) Levels  
293 Kelvin Cross Sections

30-Zn-71



12

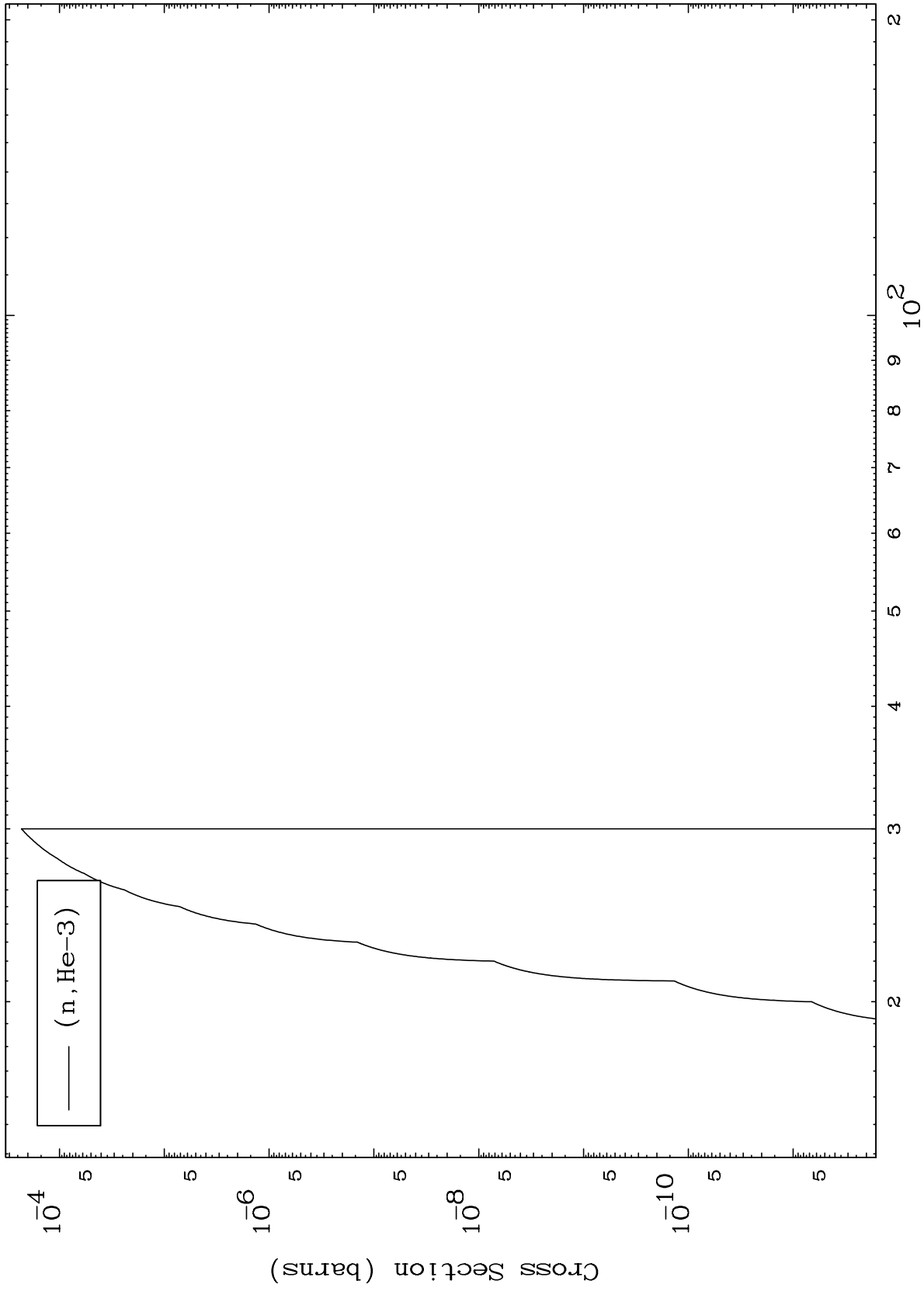
Incident Energy (MeV)

30-Zn-71

MAT 3046

(n,He3) Levels  
293 Kelvin Cross Sections

30-Zn-71



13

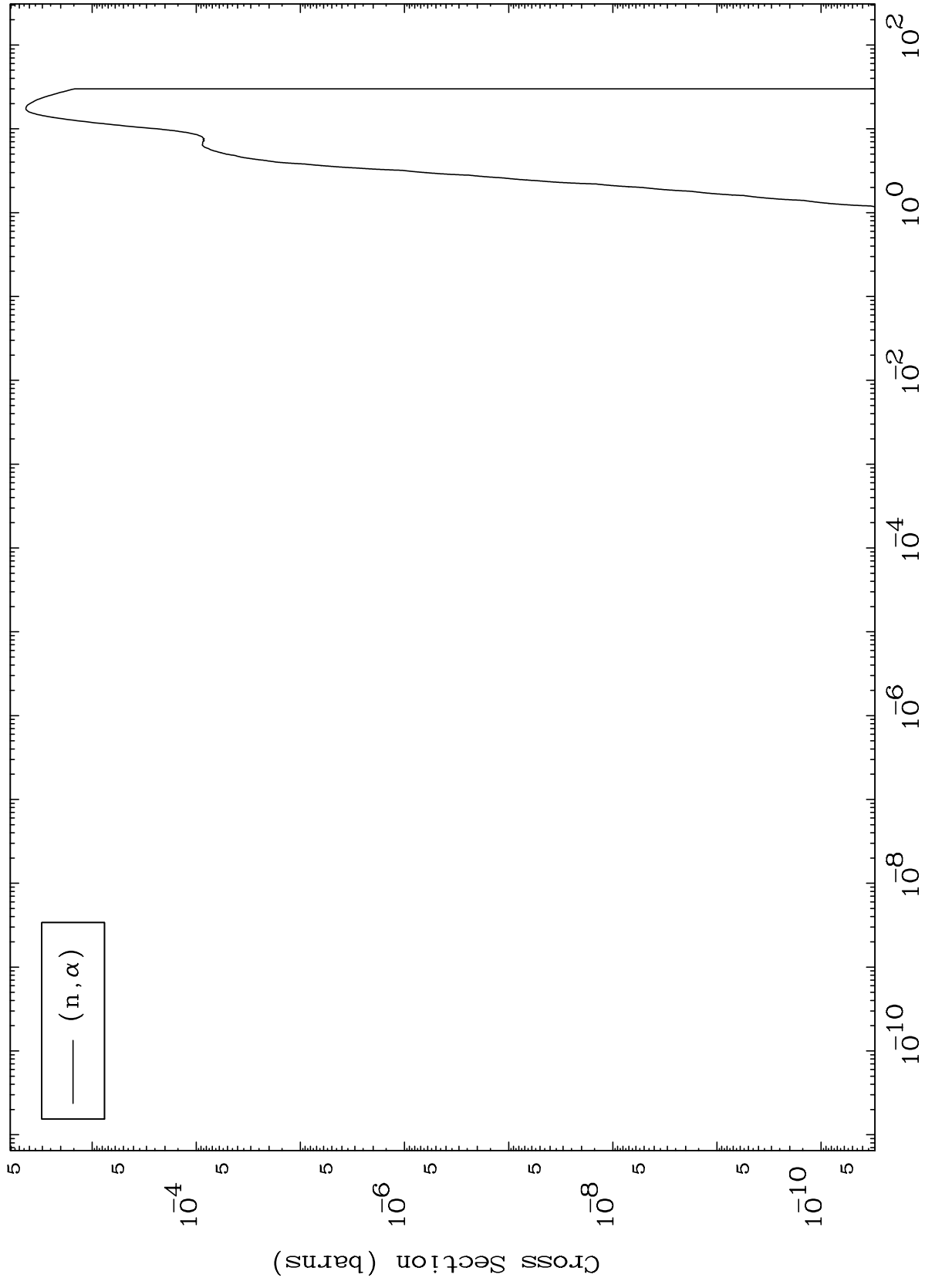
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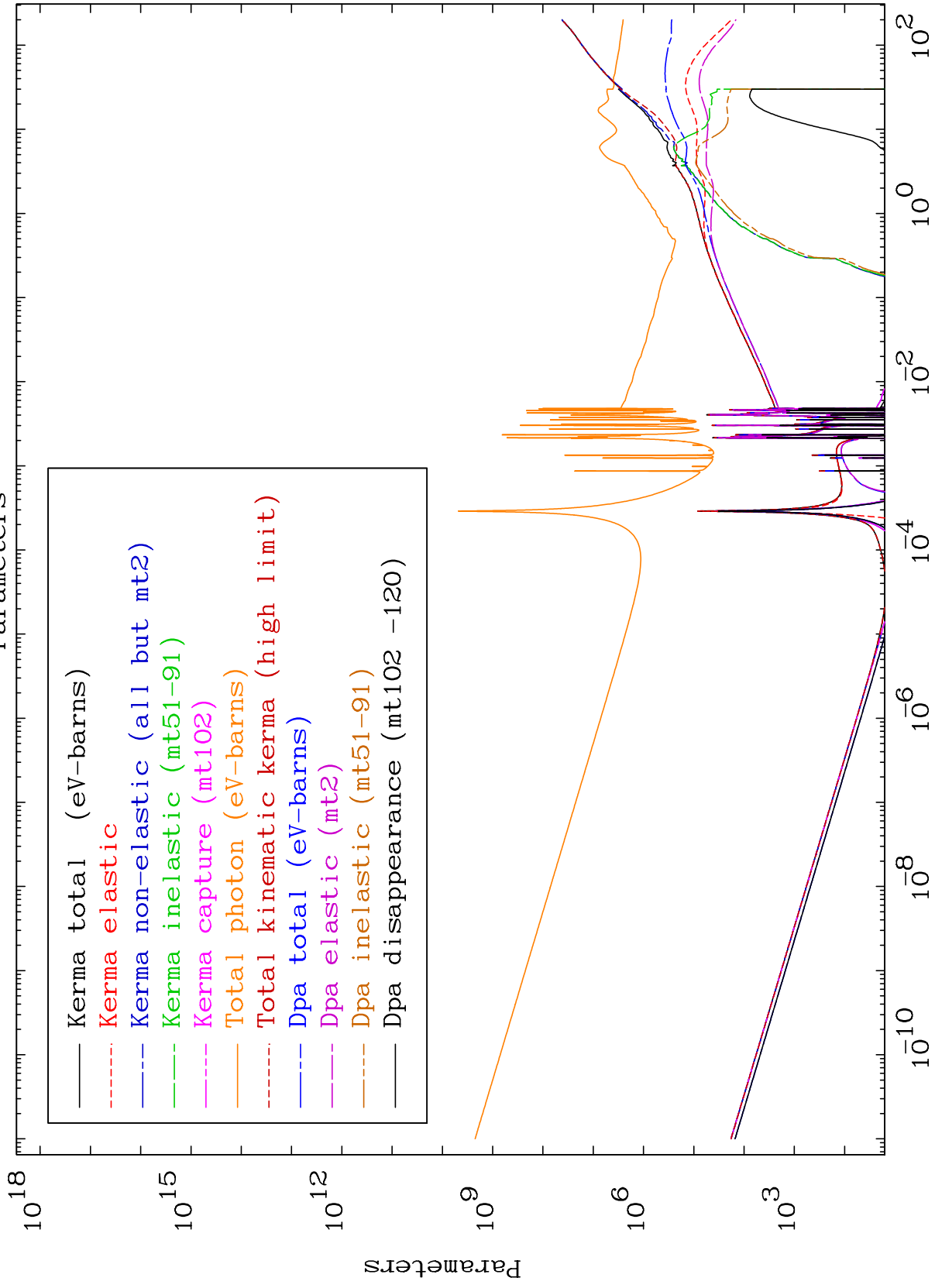
30-Zn-71

MAT 3046

(n,α) Levels  
293 Kelvin Cross Sections

30-Zn-71



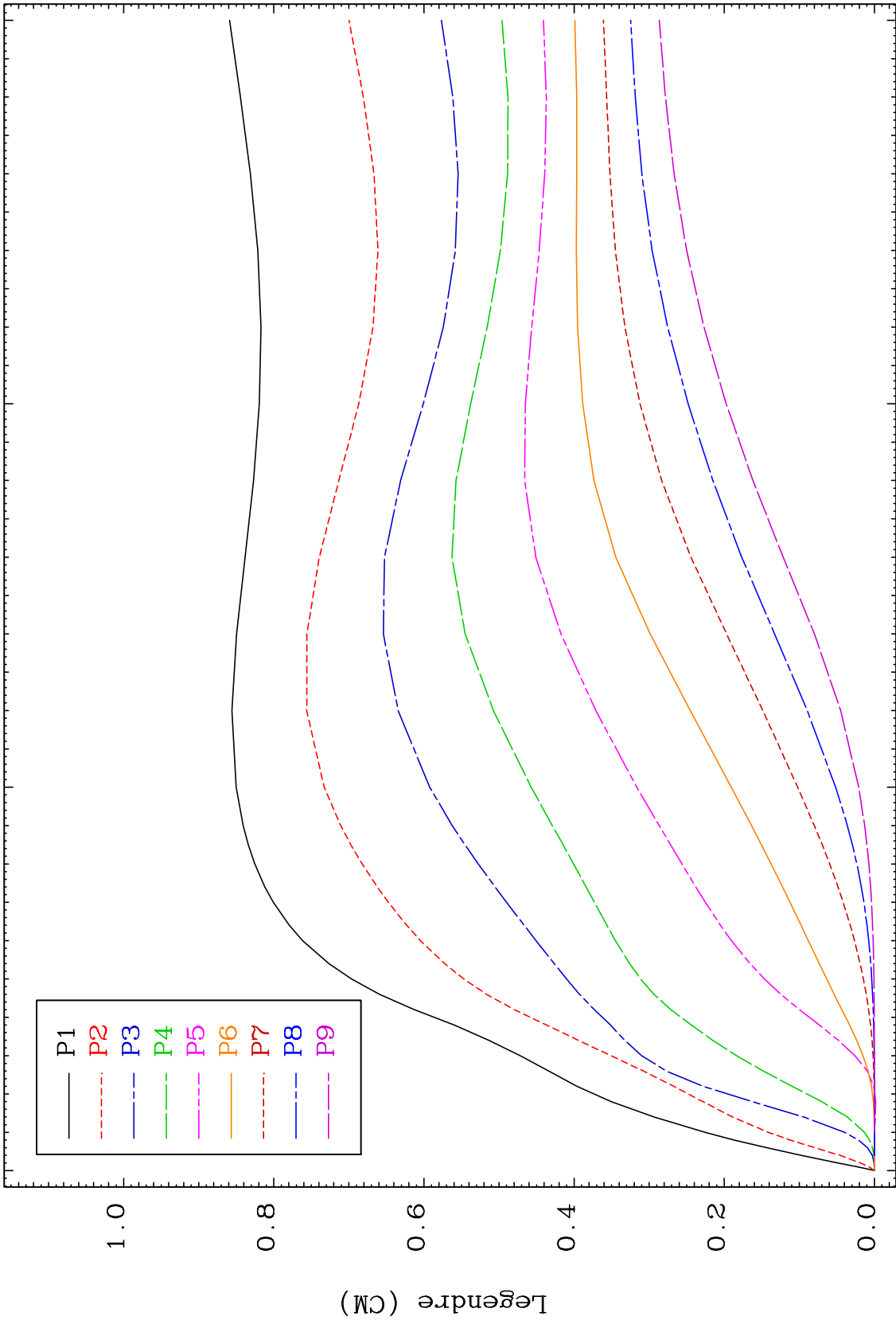




MAT 3046

Elastic Legendre Coefficients

30-Zn-71



0

16

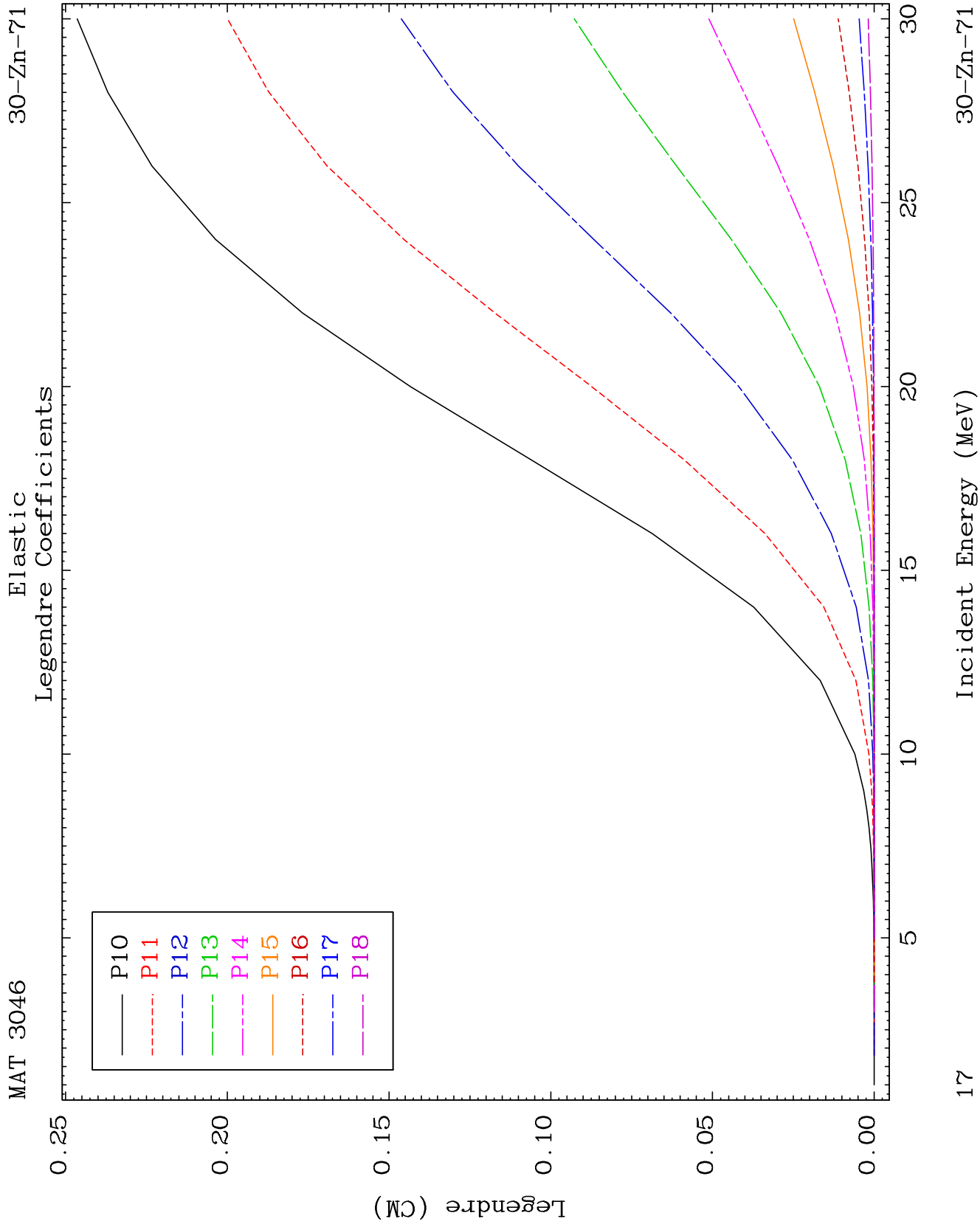
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20

30

Incident Energy (MeV)

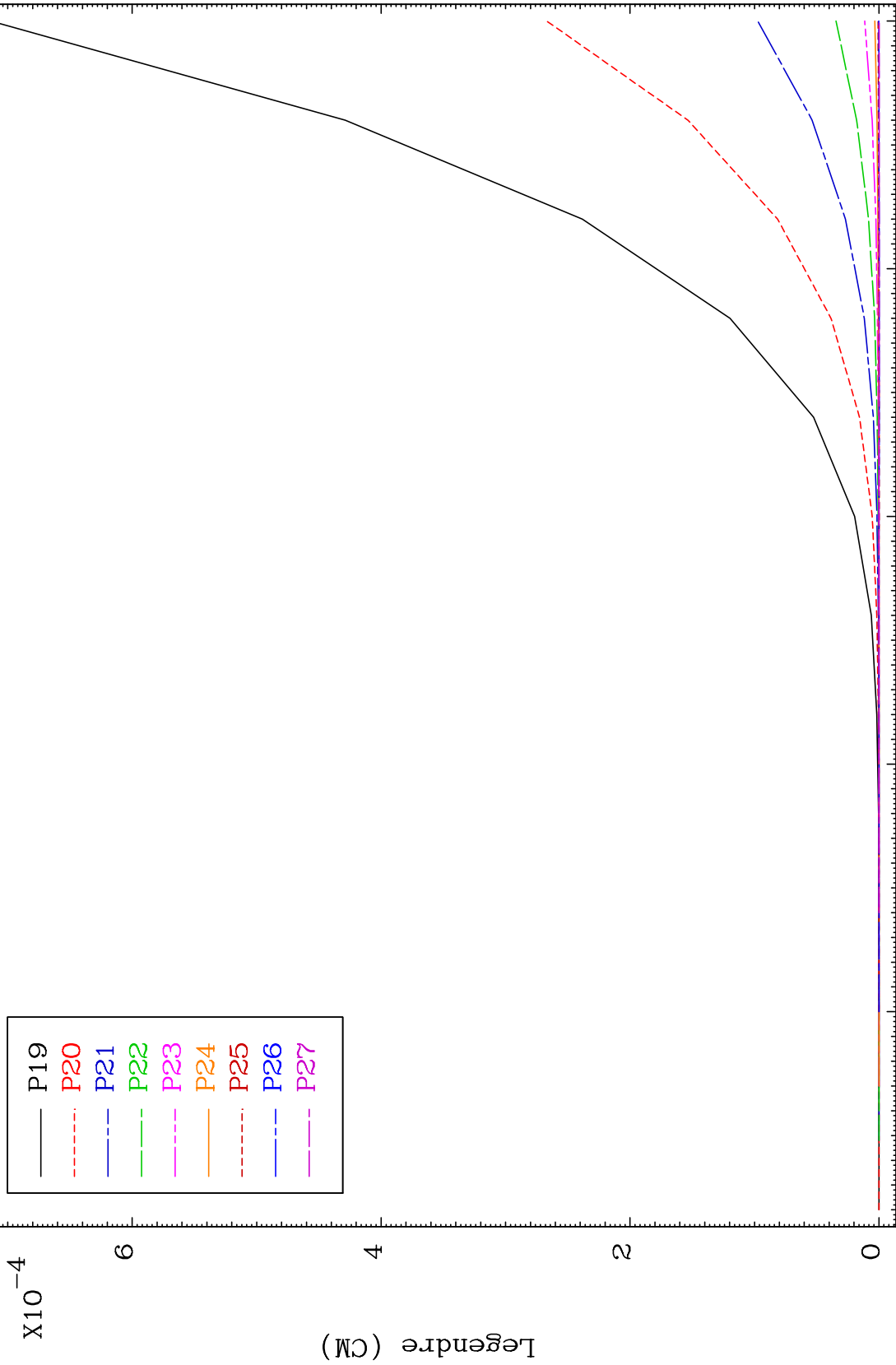
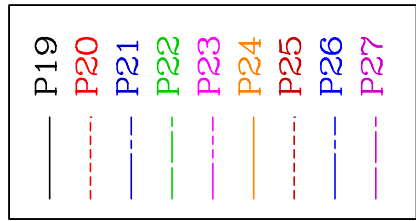
30-Zn-71



MAT 3046

Elastic Legendre Coefficients

30-Zn-71



18

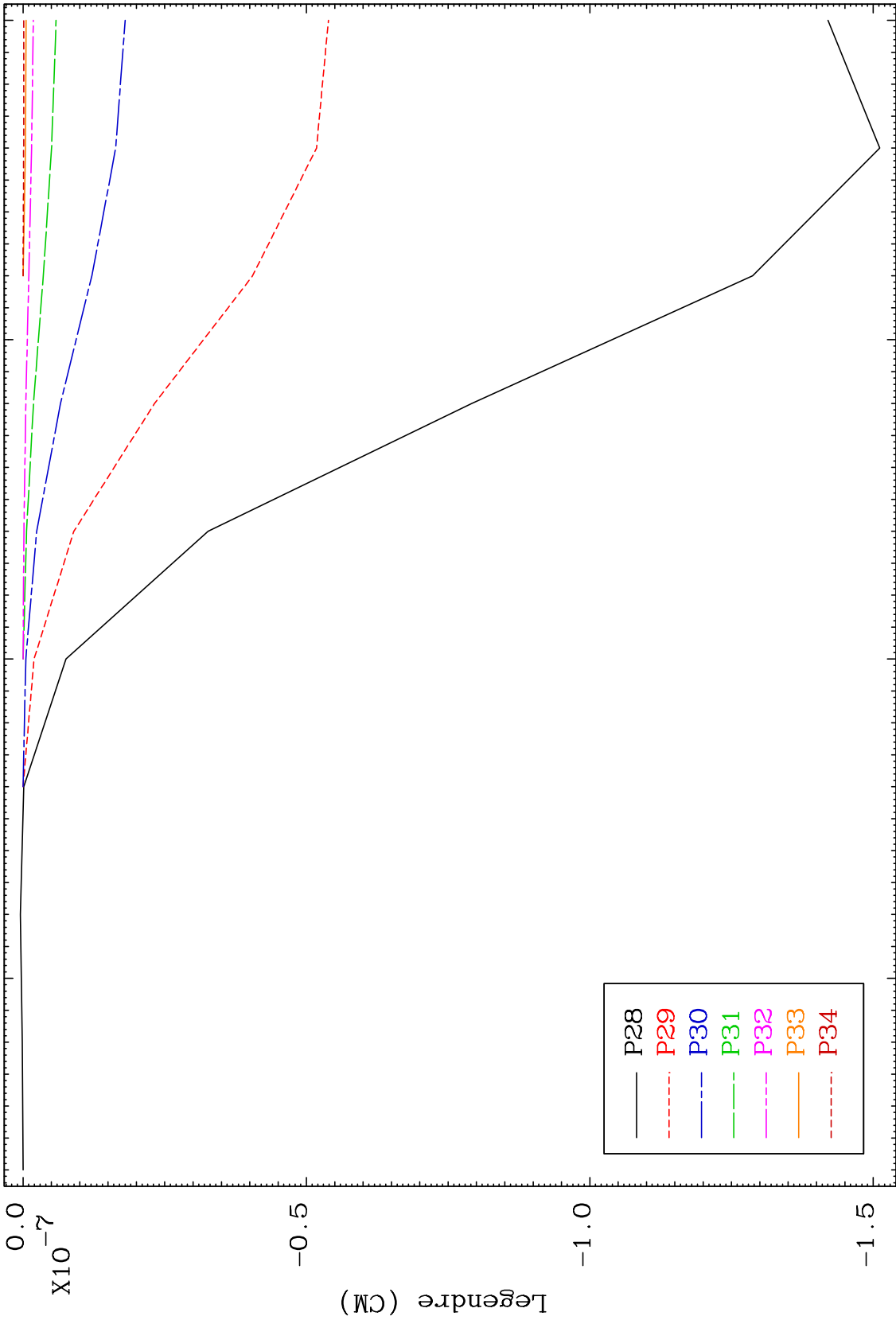
Incident Energy (MeV)

30-Zn-71

MAT 3046

Elastic Legendre Coefficients

30-Zn-71



19

Incident Energy (MeV)

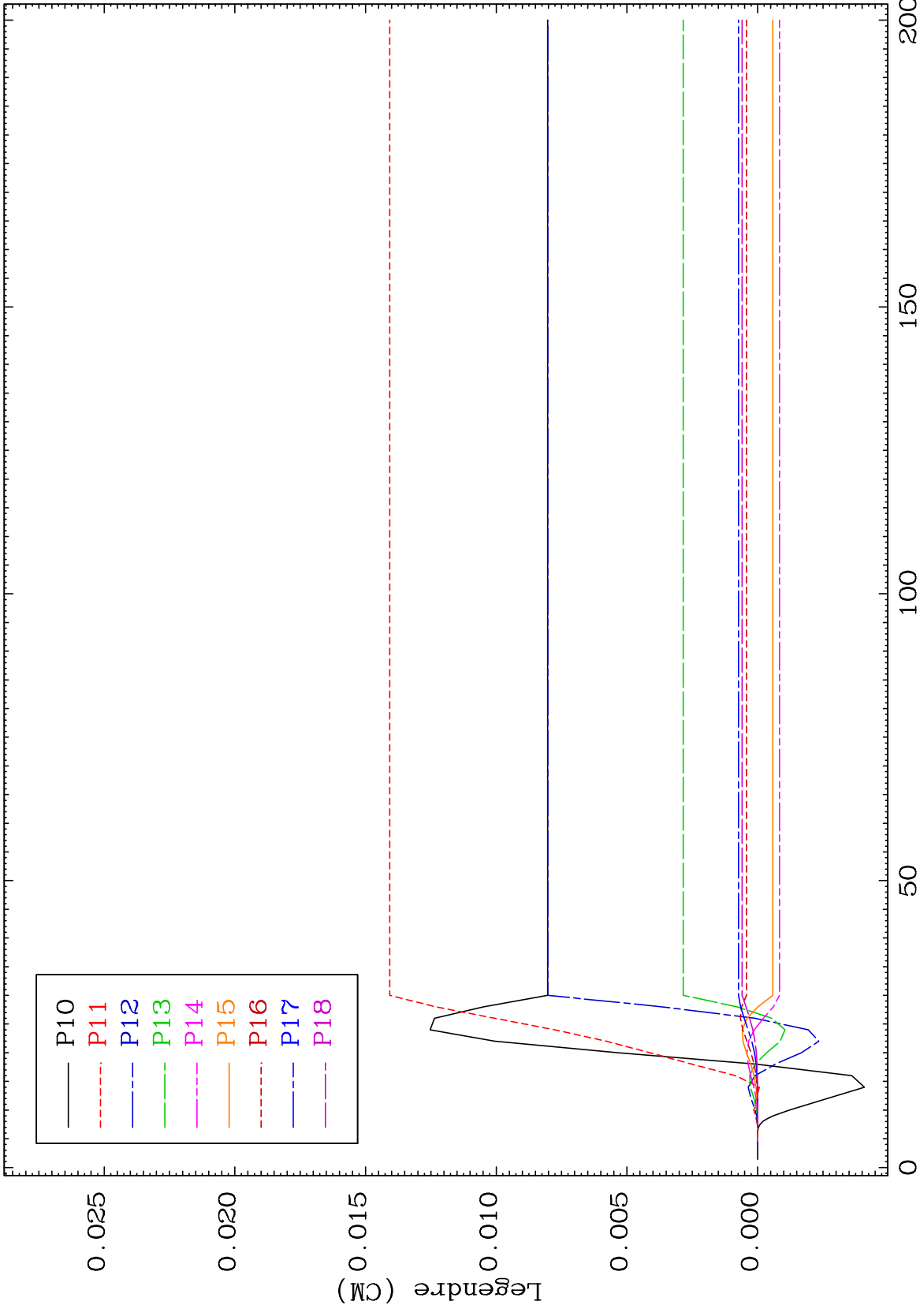
30-Zn-71



MAT 3046

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

30-Zn-71



21

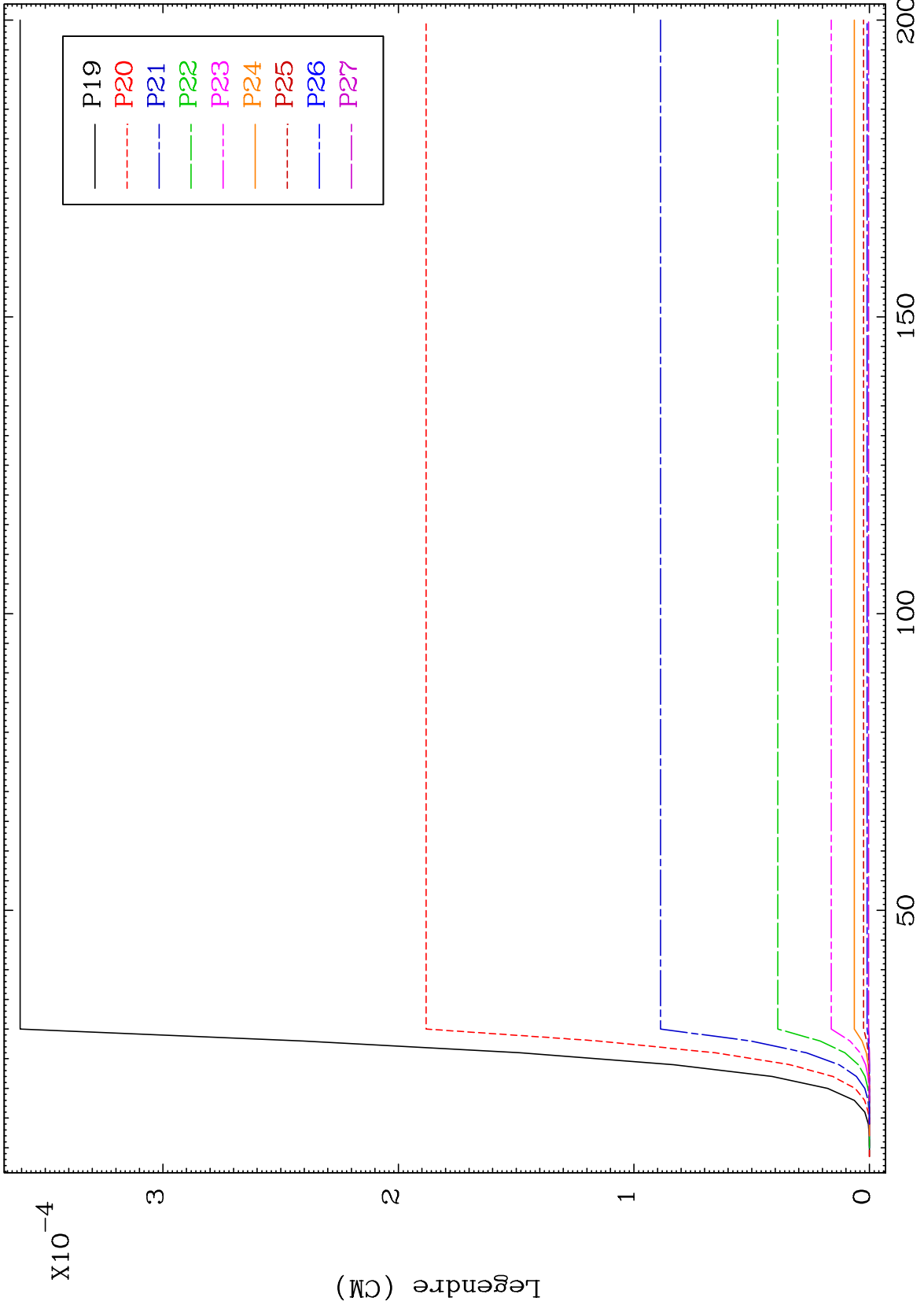
Incident Energy (MeV)

30-Zn-71

MAT 3046

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

30-Zn-71



22

Incident Energy (MeV)

30-Zn-71

200

150

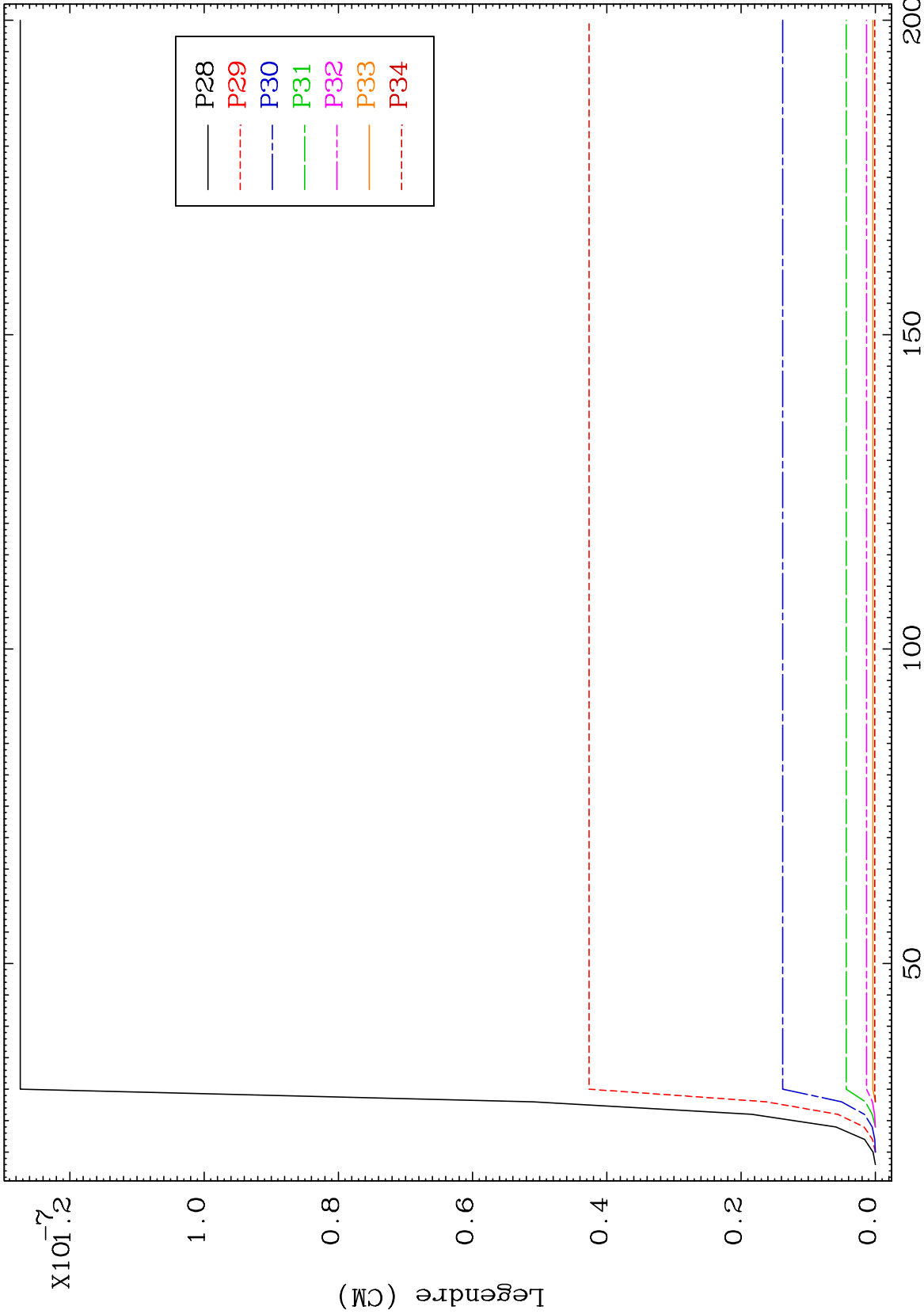
100

50

MAT 3046

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

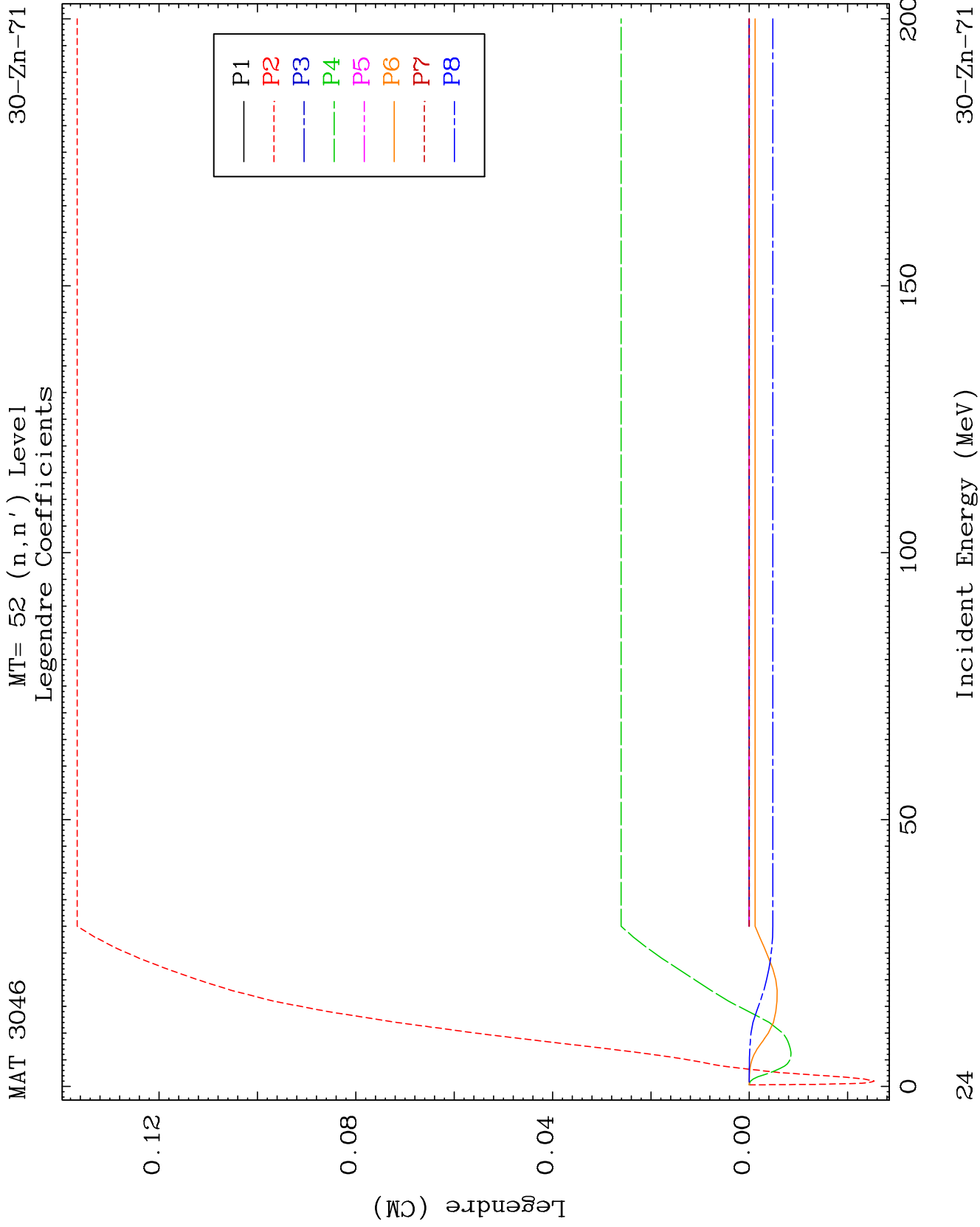
30-Zn-71



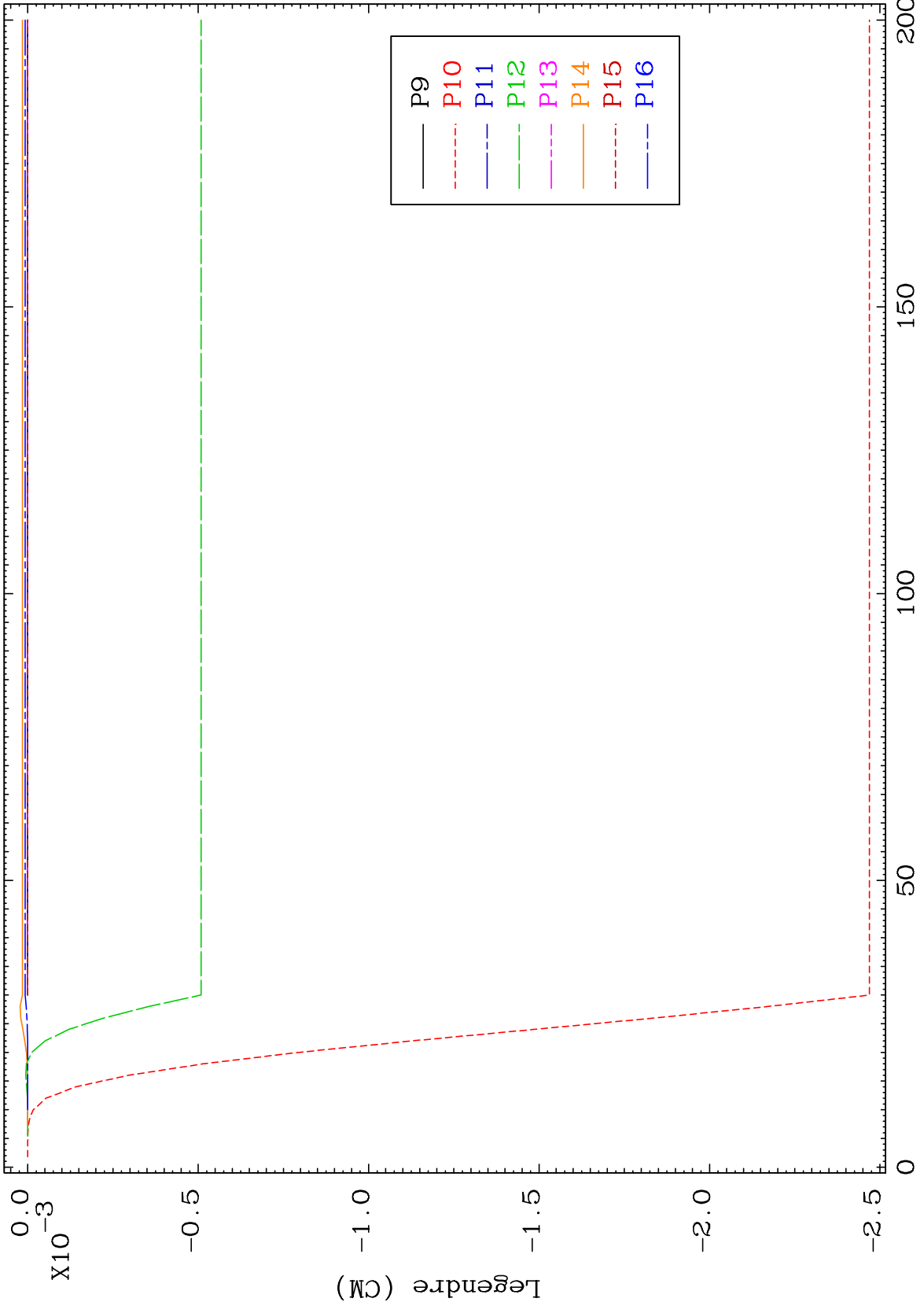
23

30-Zn-71





MAT 3046 MT= 52 (n,n') Level Legendre Coefficients 30-Zn-71

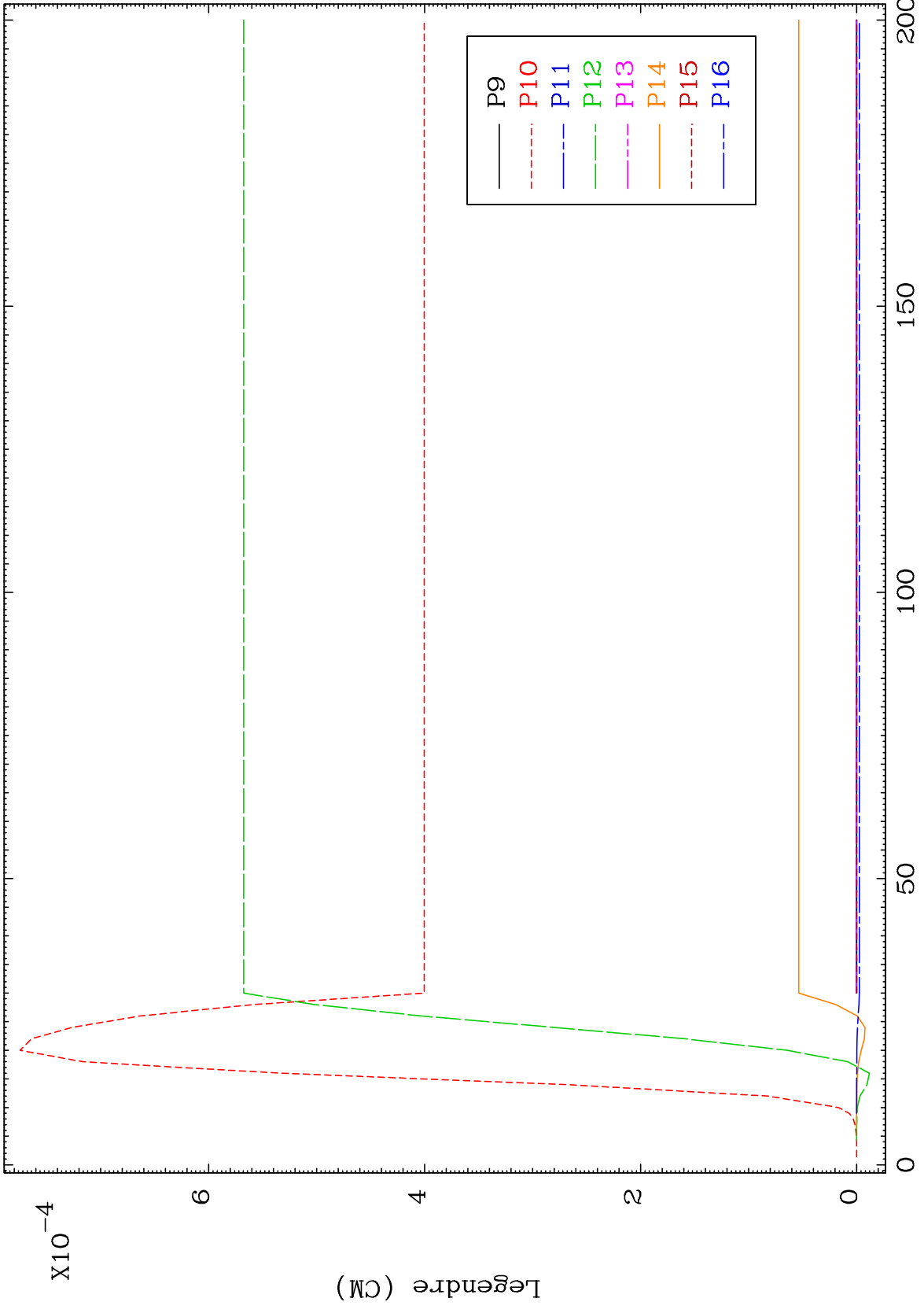


25 Incident Energy (MeV) 30-Zn-71



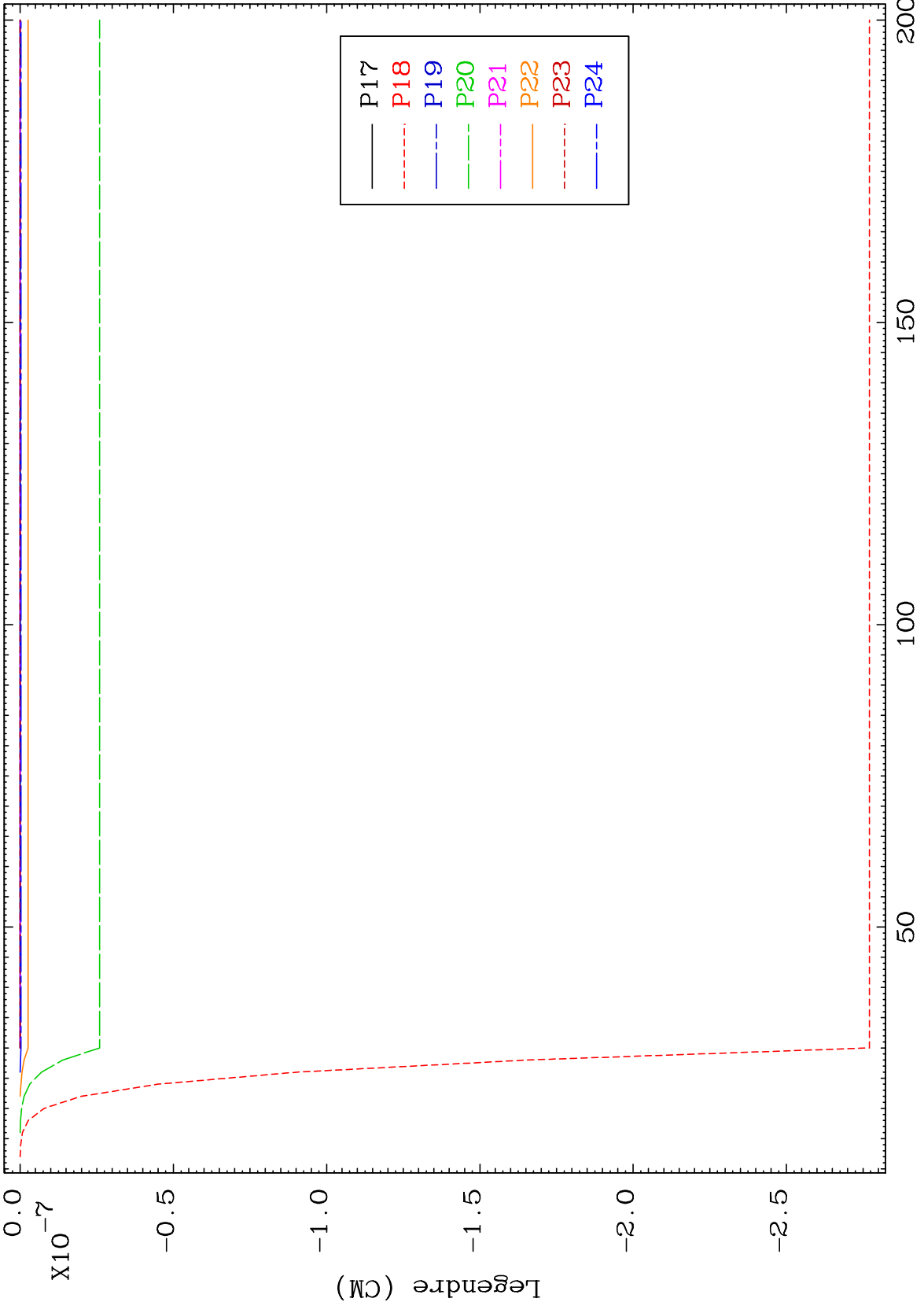


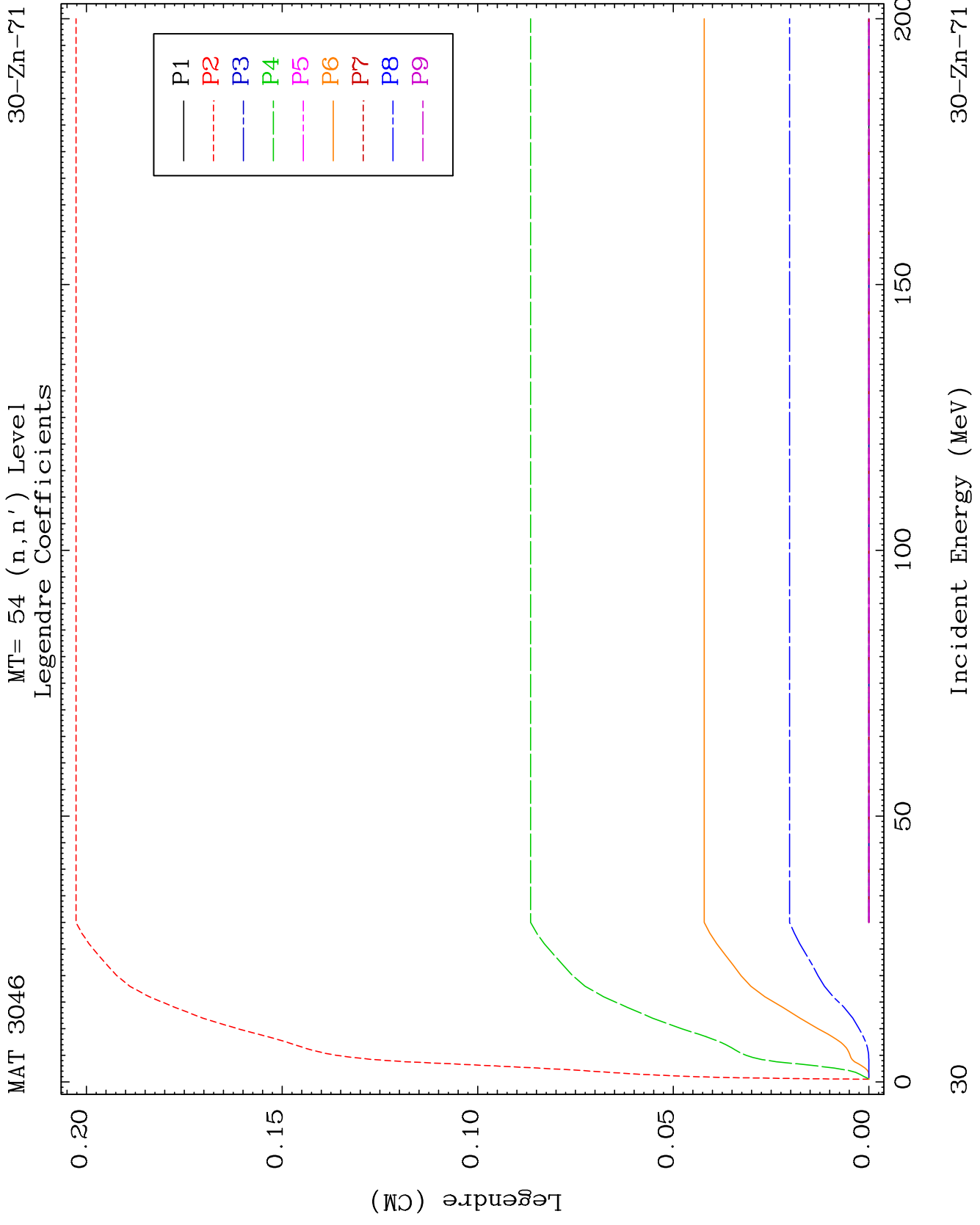
MAT 3046 MT= 53 (n,n') Level Legendre Coefficients 30-Zn-71



28 30-Zn-71

MAT 3046 MT= 53 (n,n') Level Legendre Coefficients 30-Zn-71

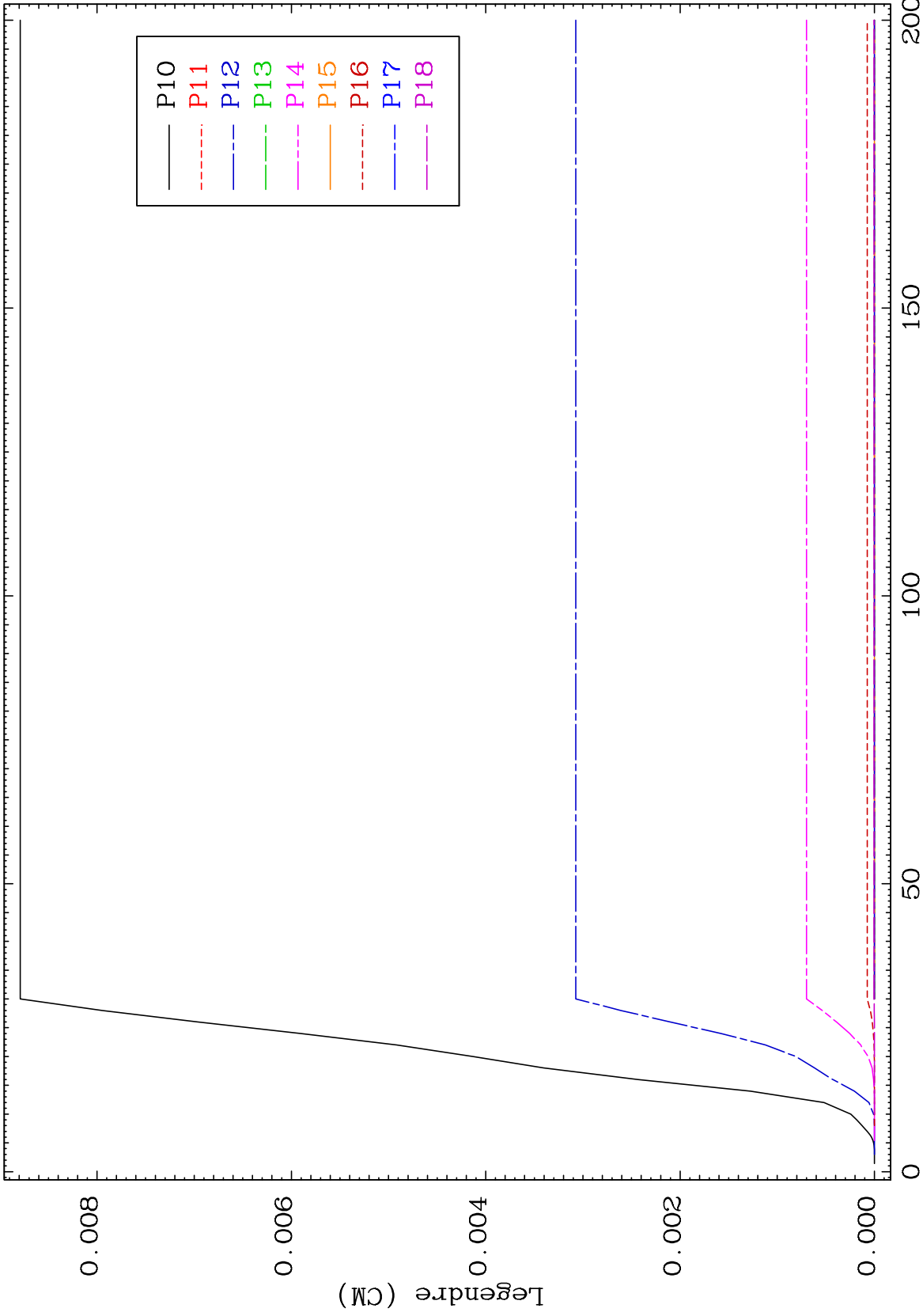




MAT 3046

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

30-Zn-71



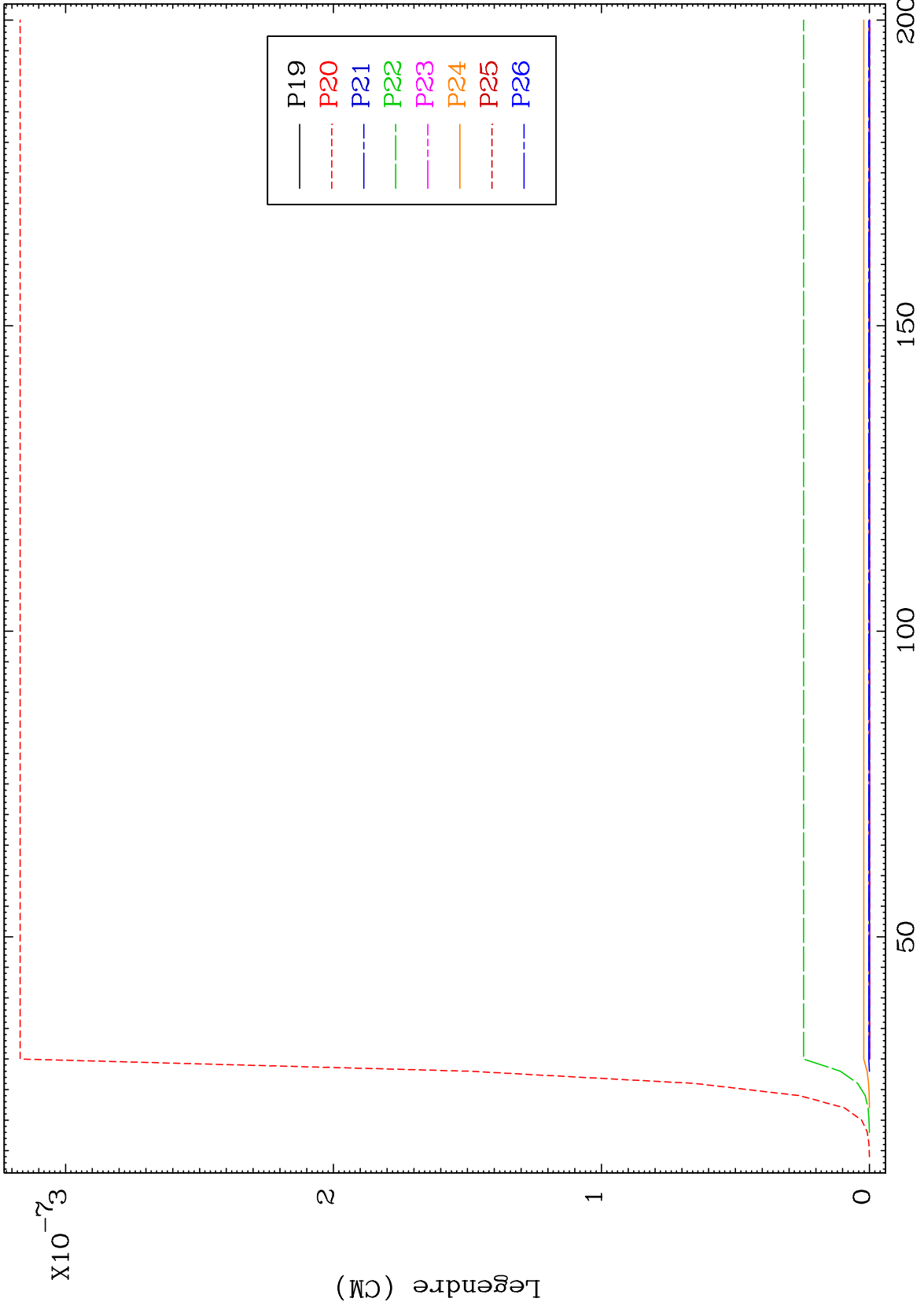
31

Incident Energy (MeV)

30-Zn-71



MAT 3046 MT= 54 (n,n') Level Legendre Coefficients 30-Zn-71



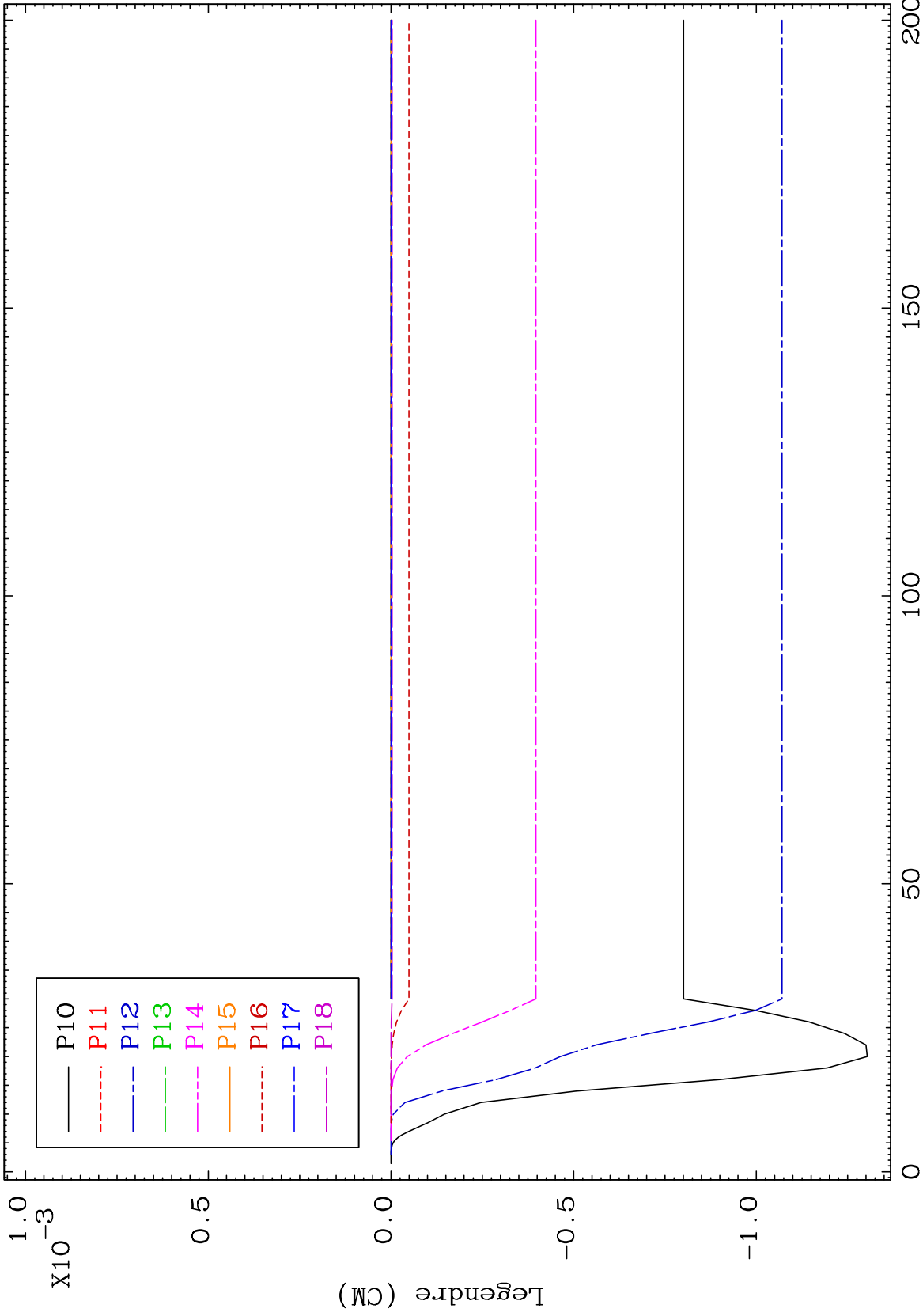
32 Incident Energy (MeV) 200 30-Zn-71



MAT 3046

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

30-Zn-71

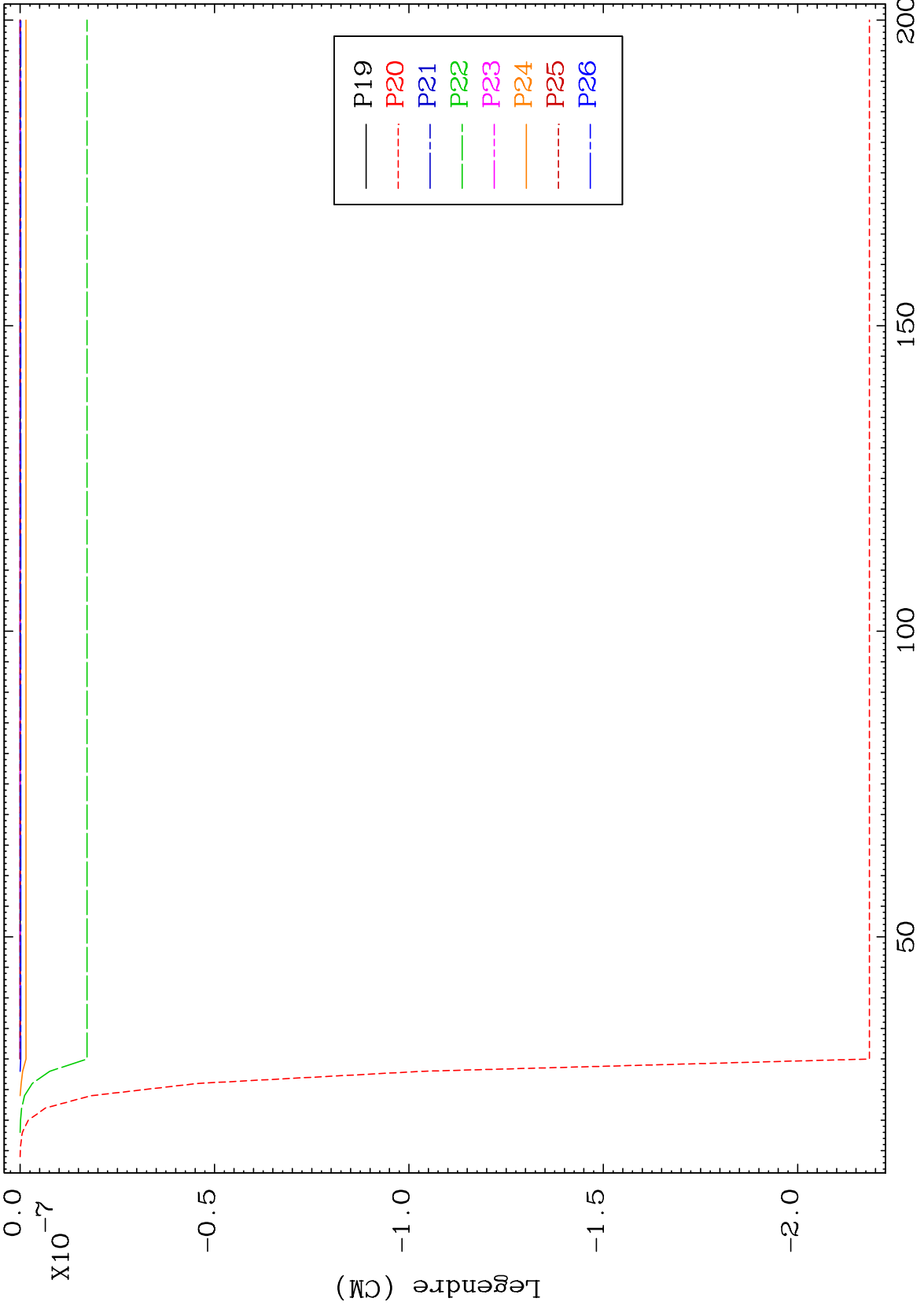


34

Incident Energy (MeV)

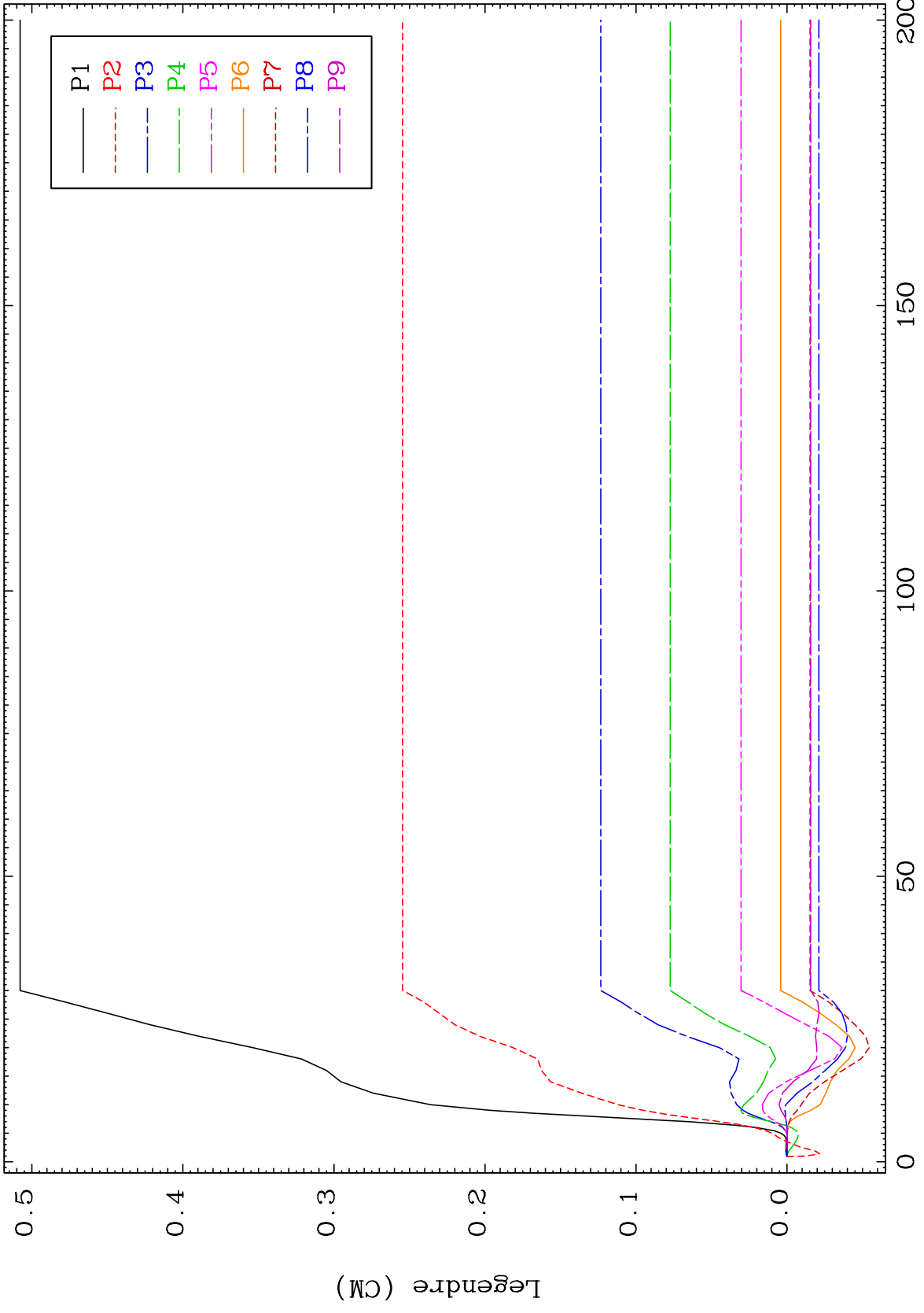
30-Zn-71

MAT 3046 MT= 55 (n,n') Level Legendre Coefficients 30-Zn-71

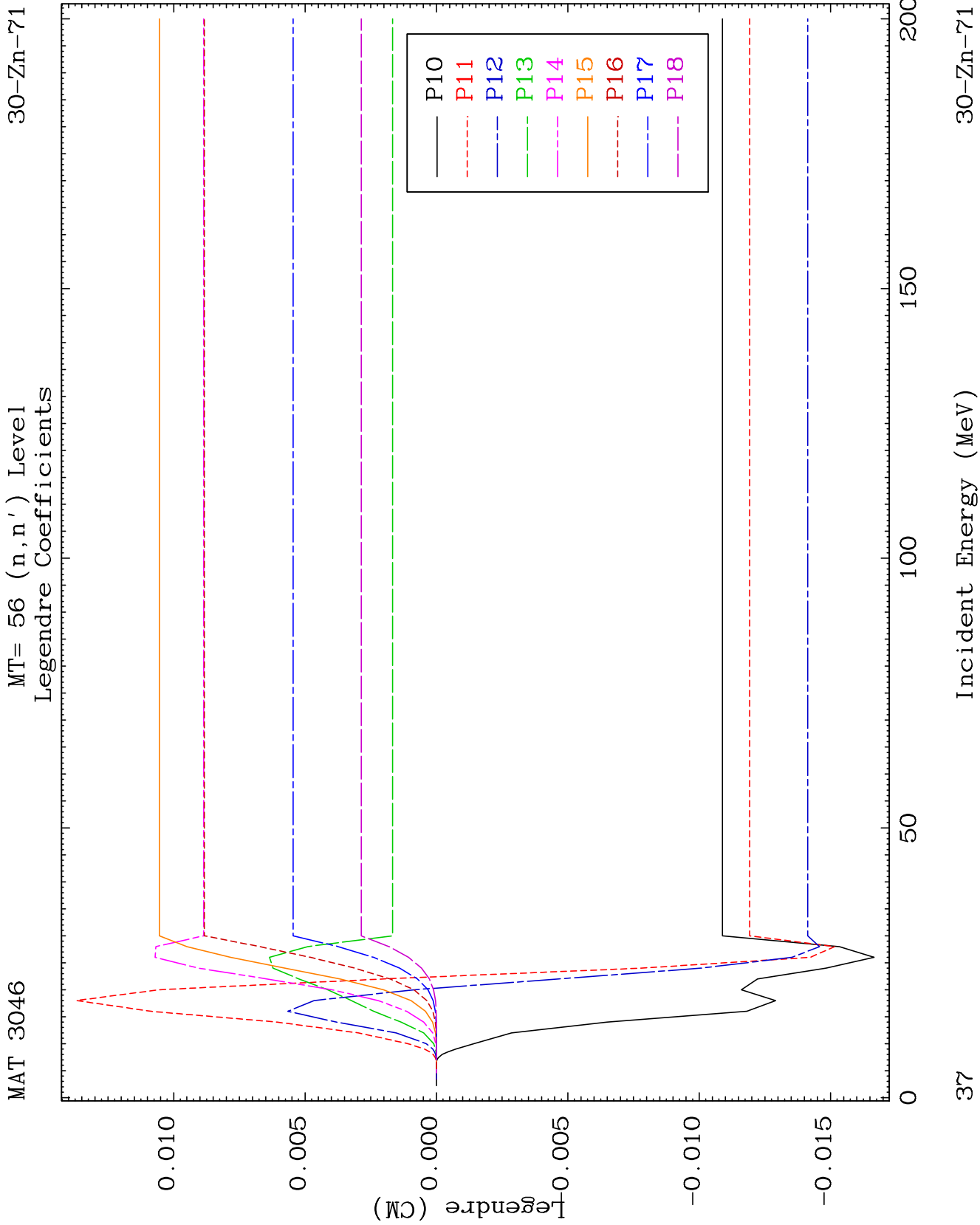


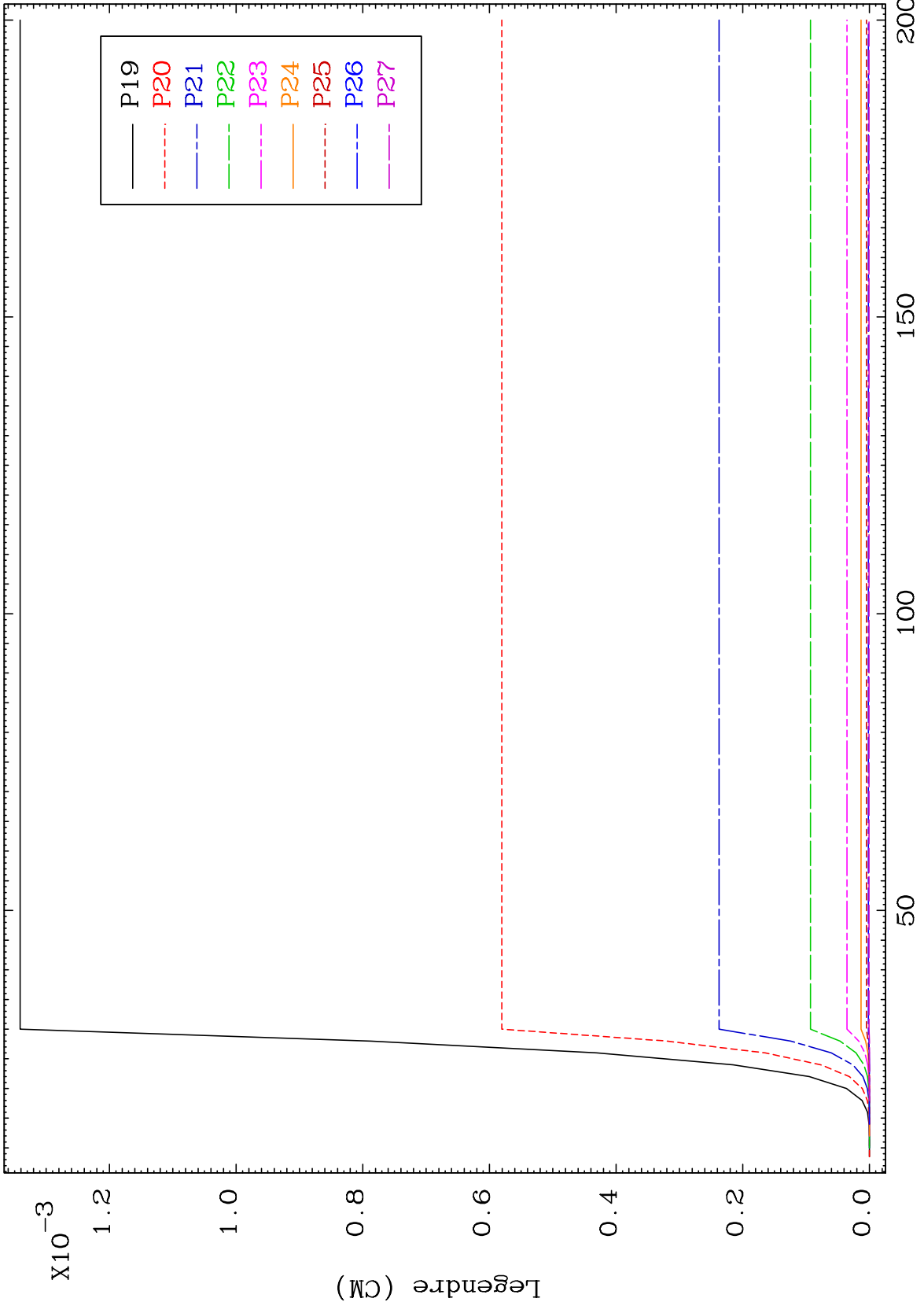
35 Incident Energy (MeV) 30-Zn-71

MAT 3046 MT= 56 (n,n') Level Legendre Coefficients 30-Zn-71

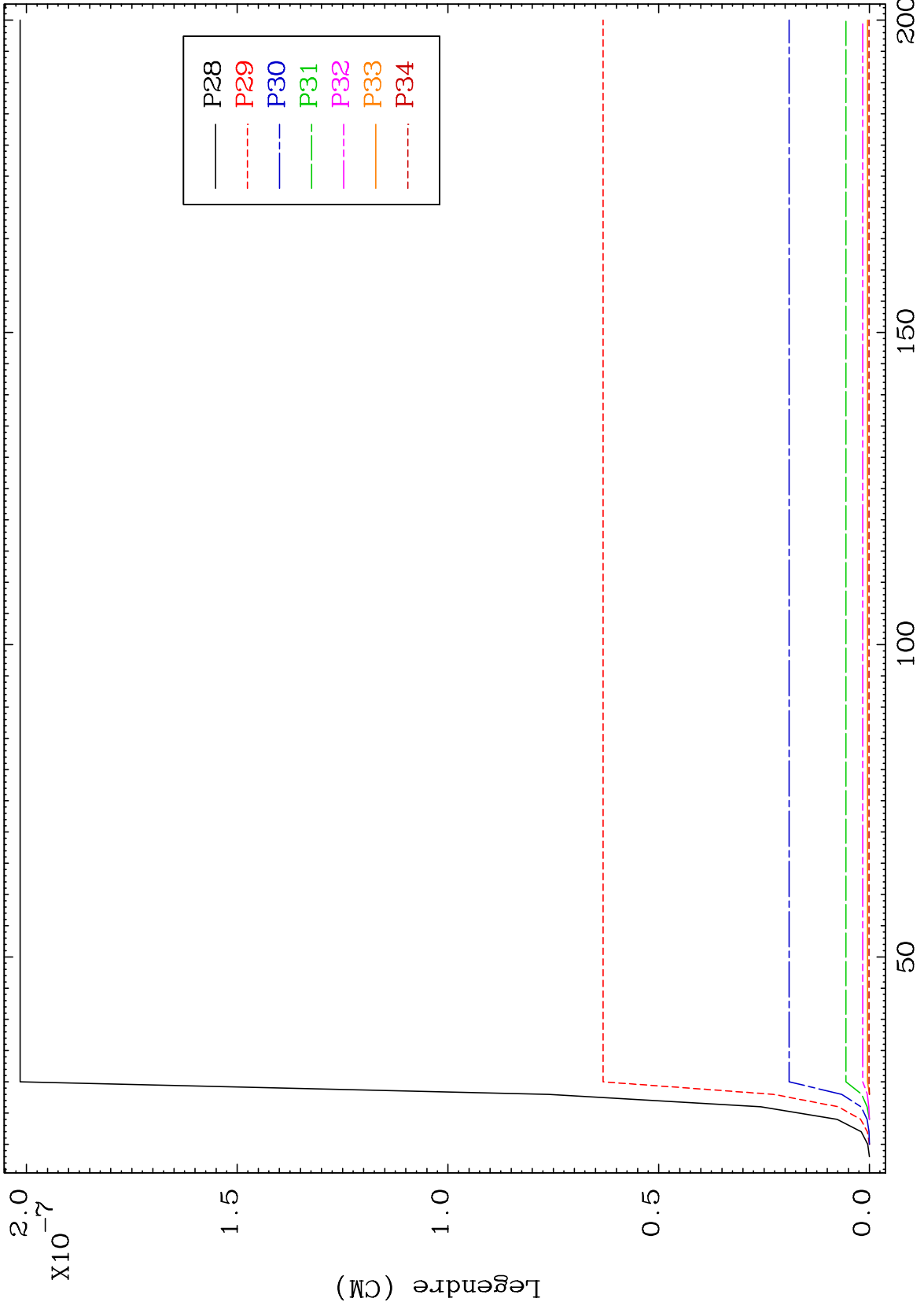


36 Incident Energy (MeV) 30-Zn-71





MAT 3046 MT= 56 (n,n') Level Legendre Coefficients 30-Zn-71

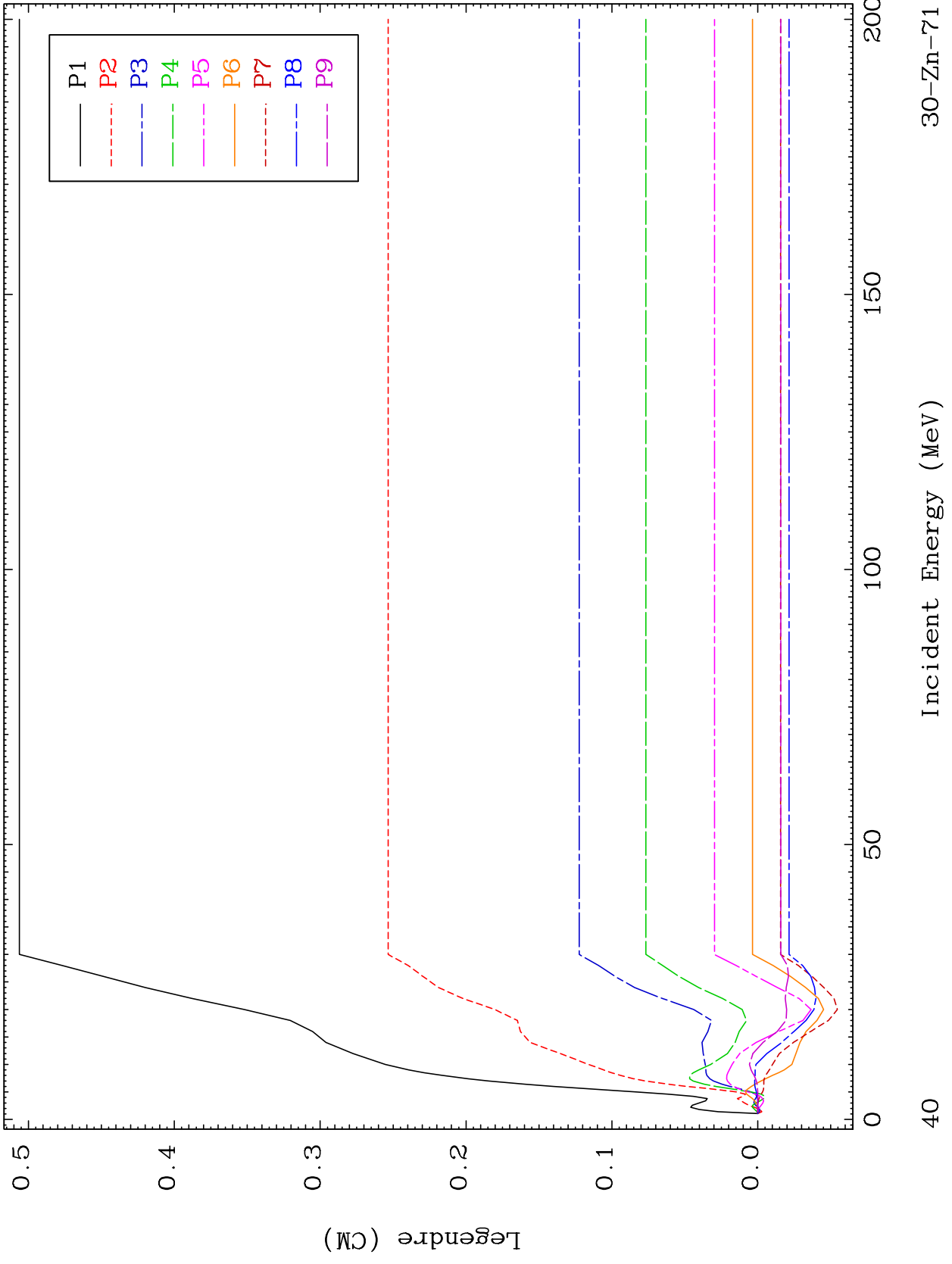


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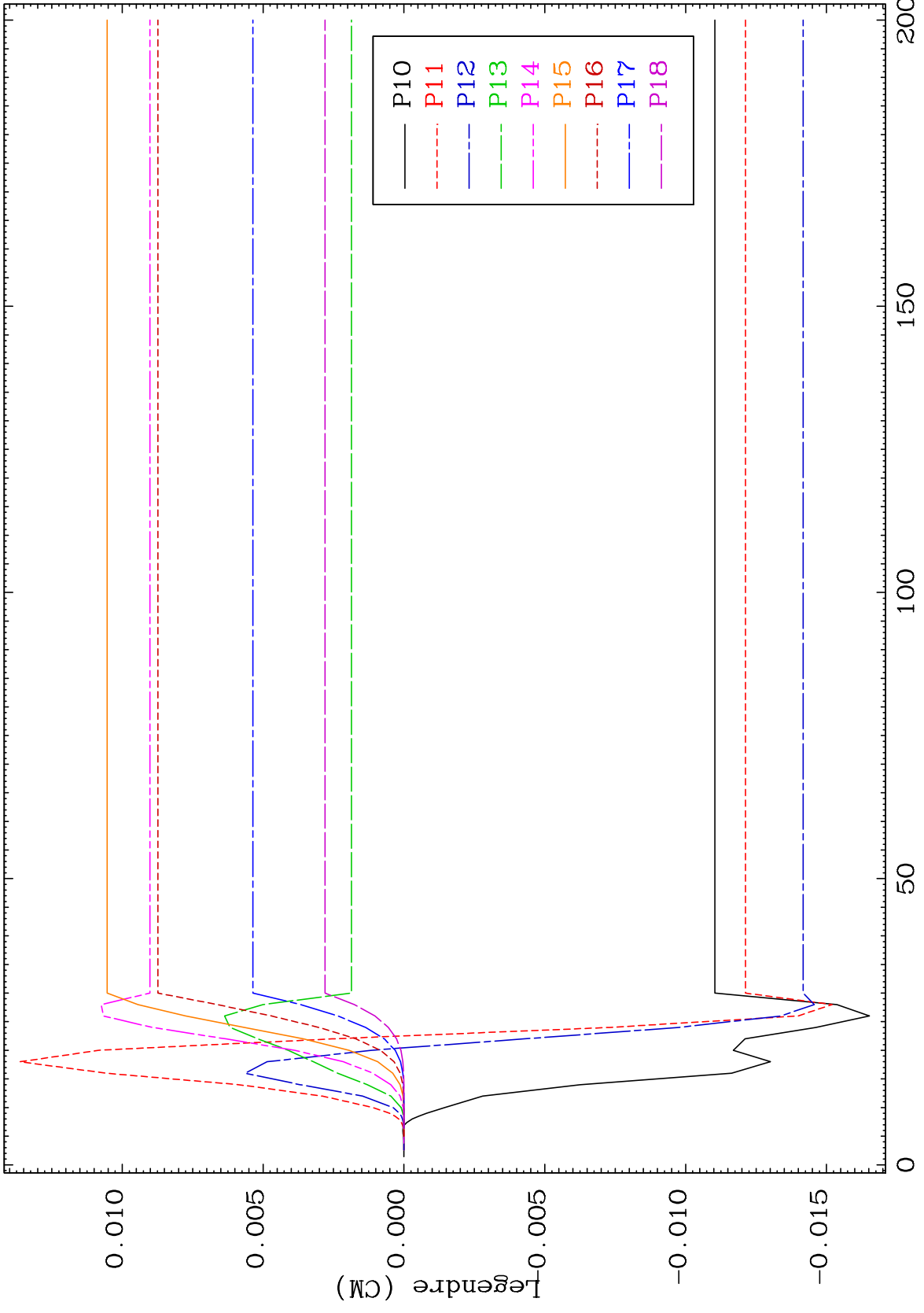
30-Zn-71



MAT 3046 MT= 57 (n,n') Level Legendre Coefficients 30-Zn-71



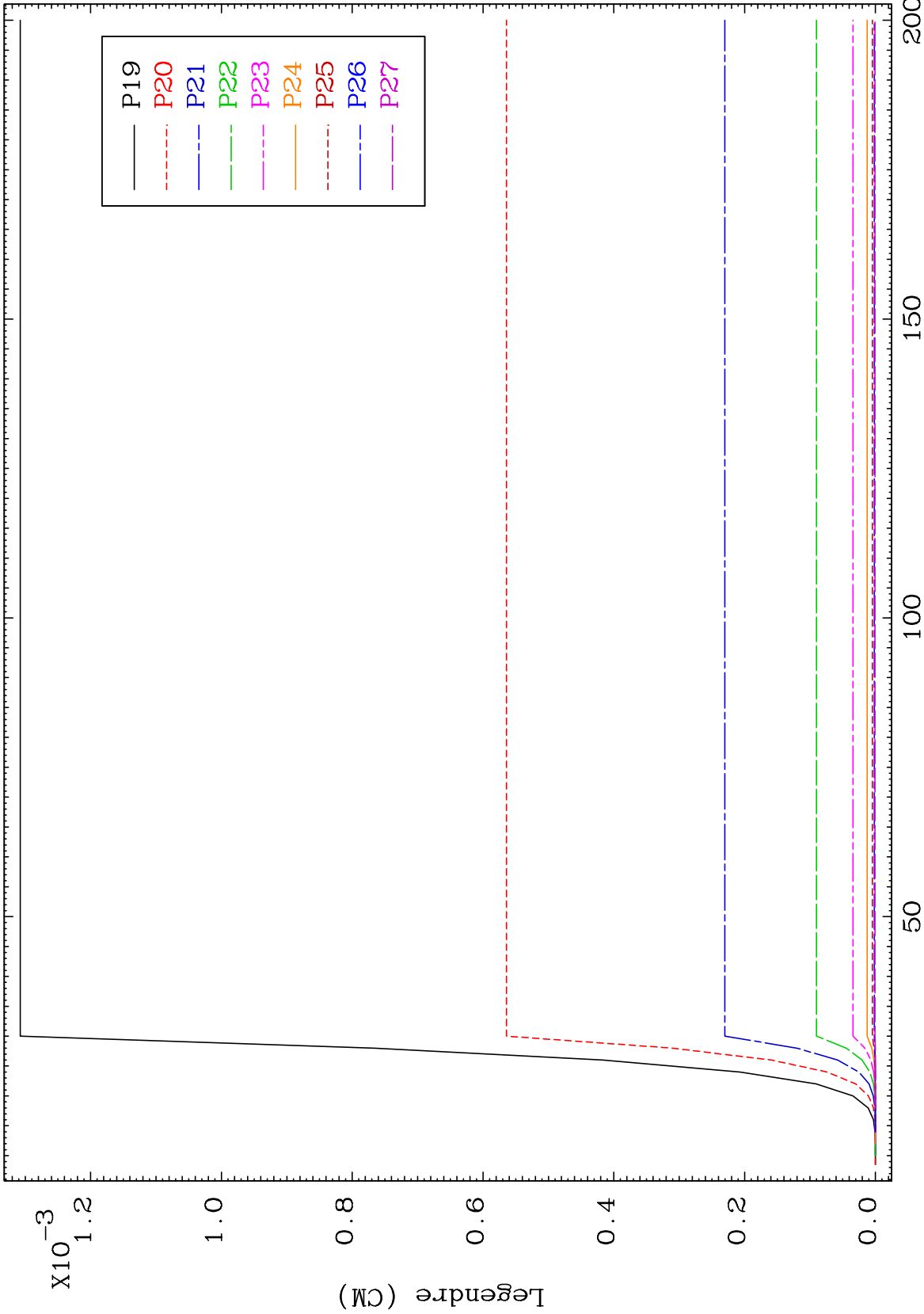
MAT 3046 MT= 57 (n,n') Level Legendre Coefficients 30-Zn-71



MAT 3046

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

30-Zn-71

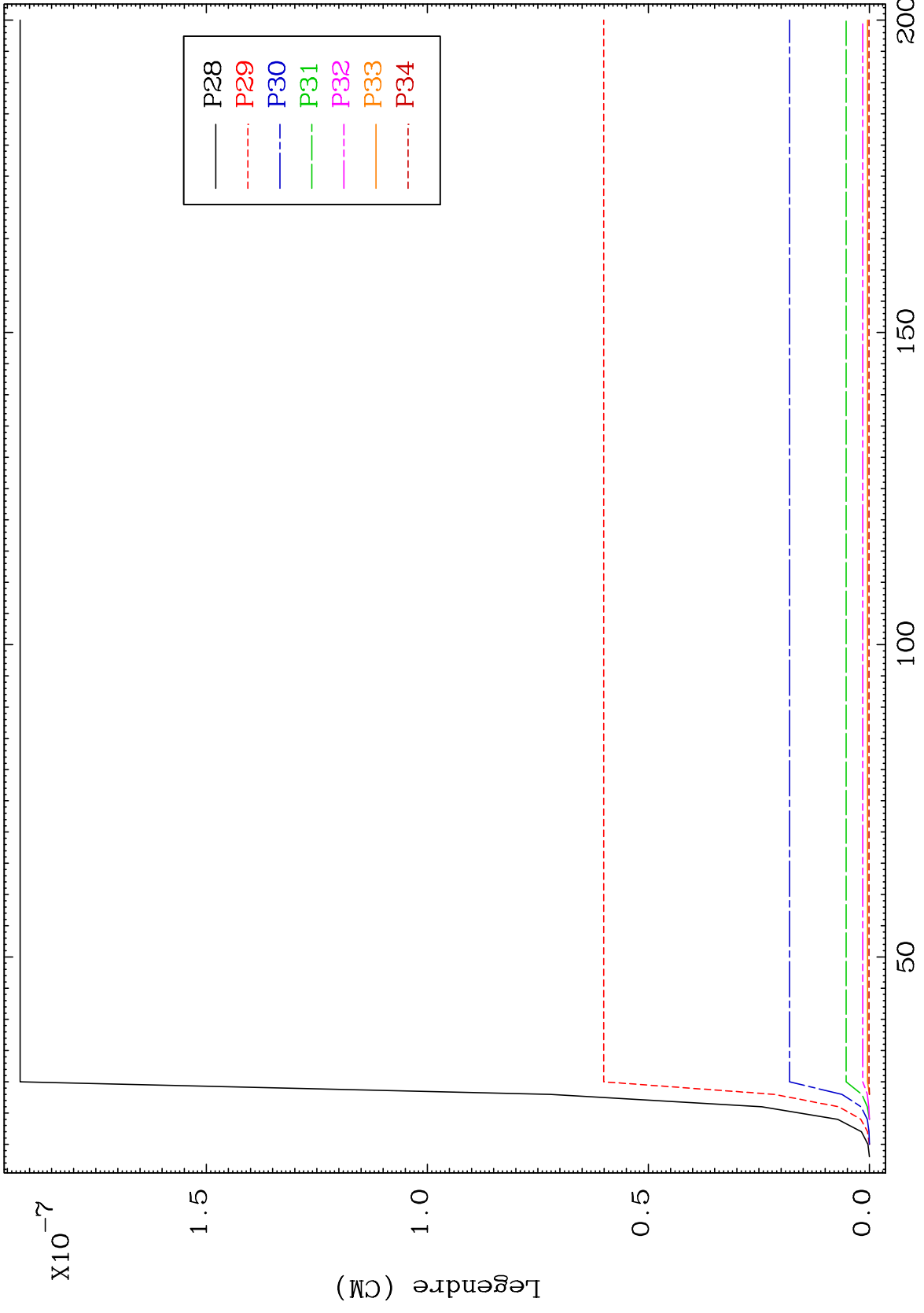


42

Incident Energy (MeV)

30-Zn-71

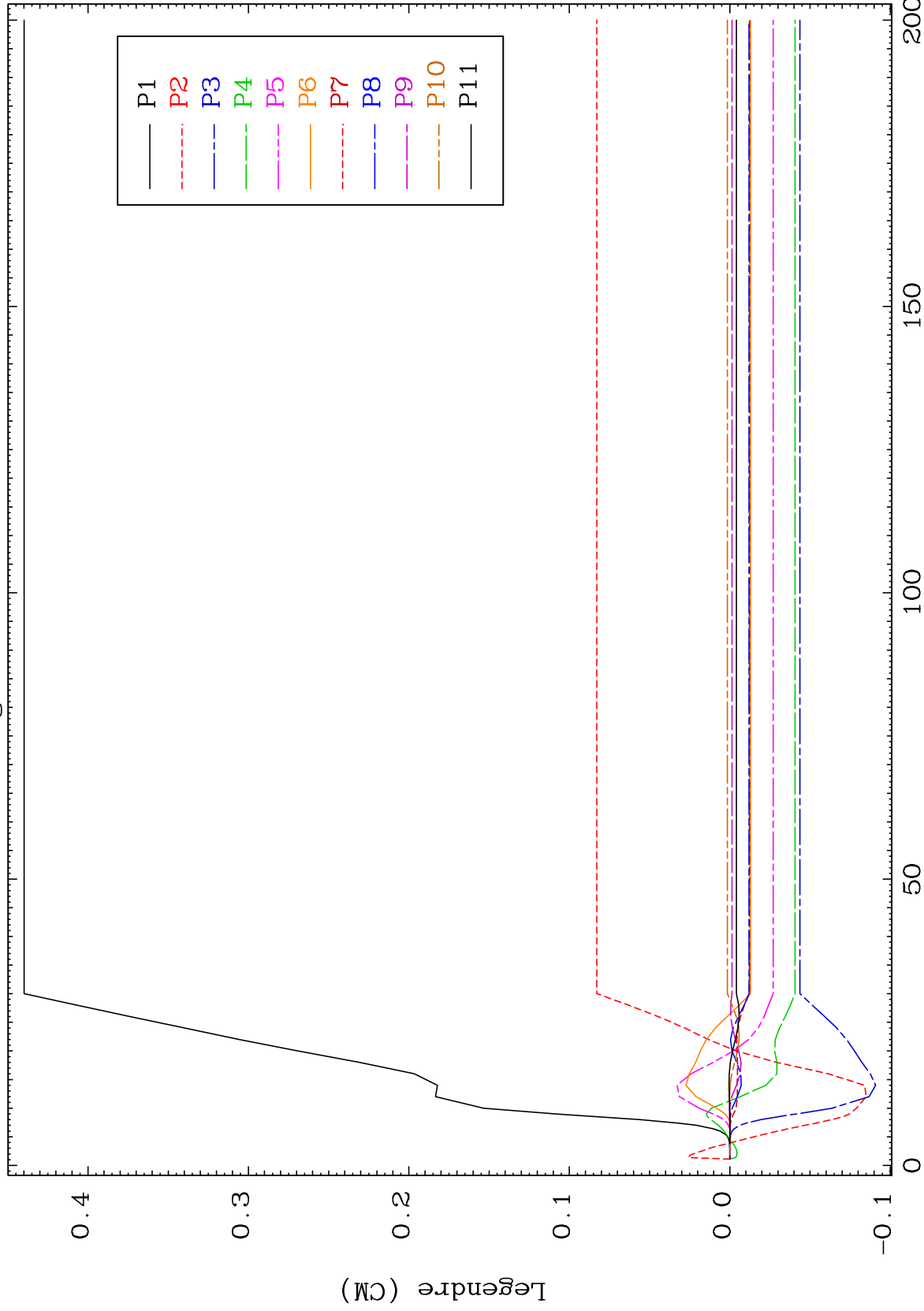
MAT 3046 MT= 57 (n,n') Level Legendre Coefficients 30-Zn-71



MAT 3046

MT= 58 (n,n') Level  
Legendre Coefficients

30-Zn-71

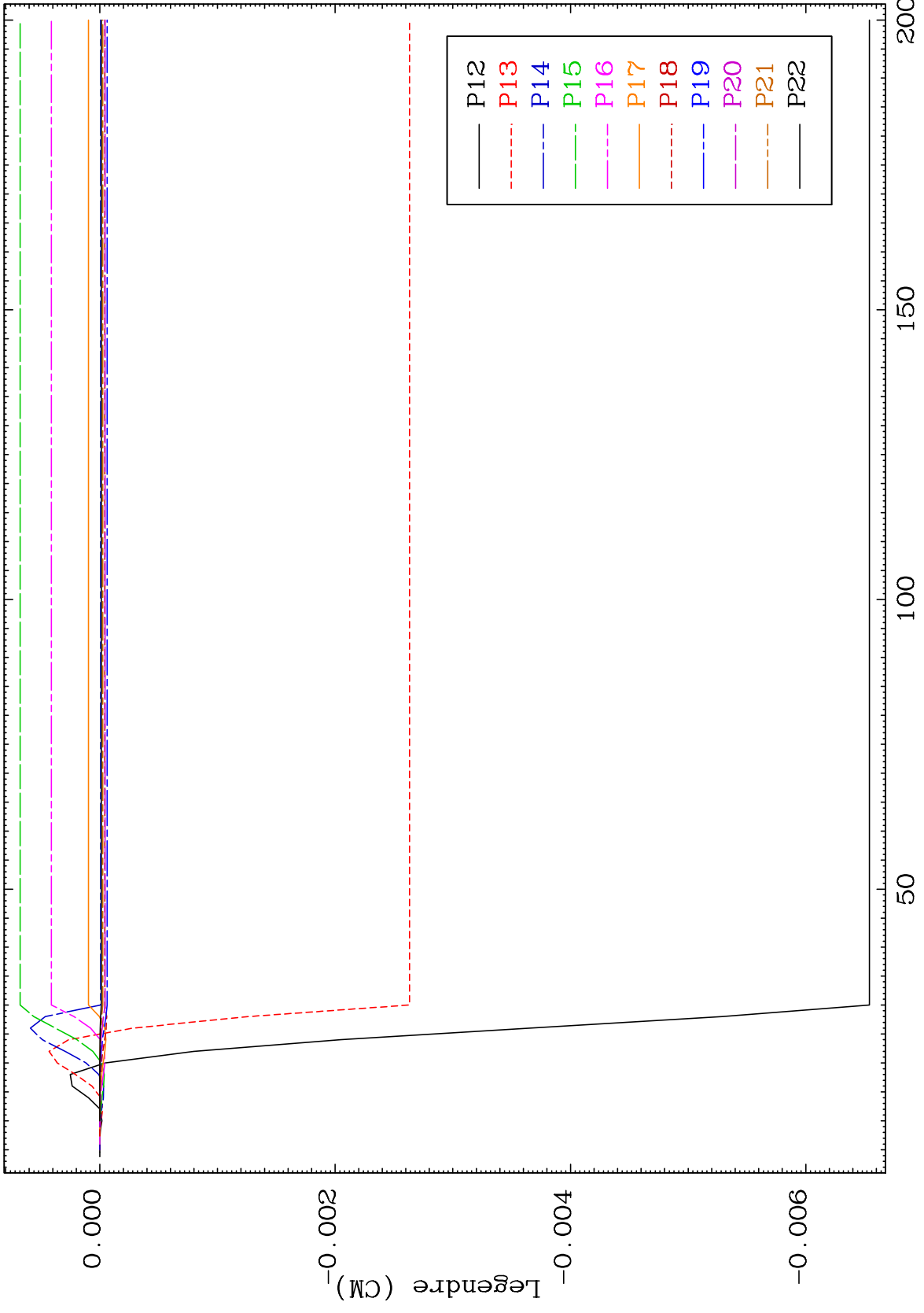


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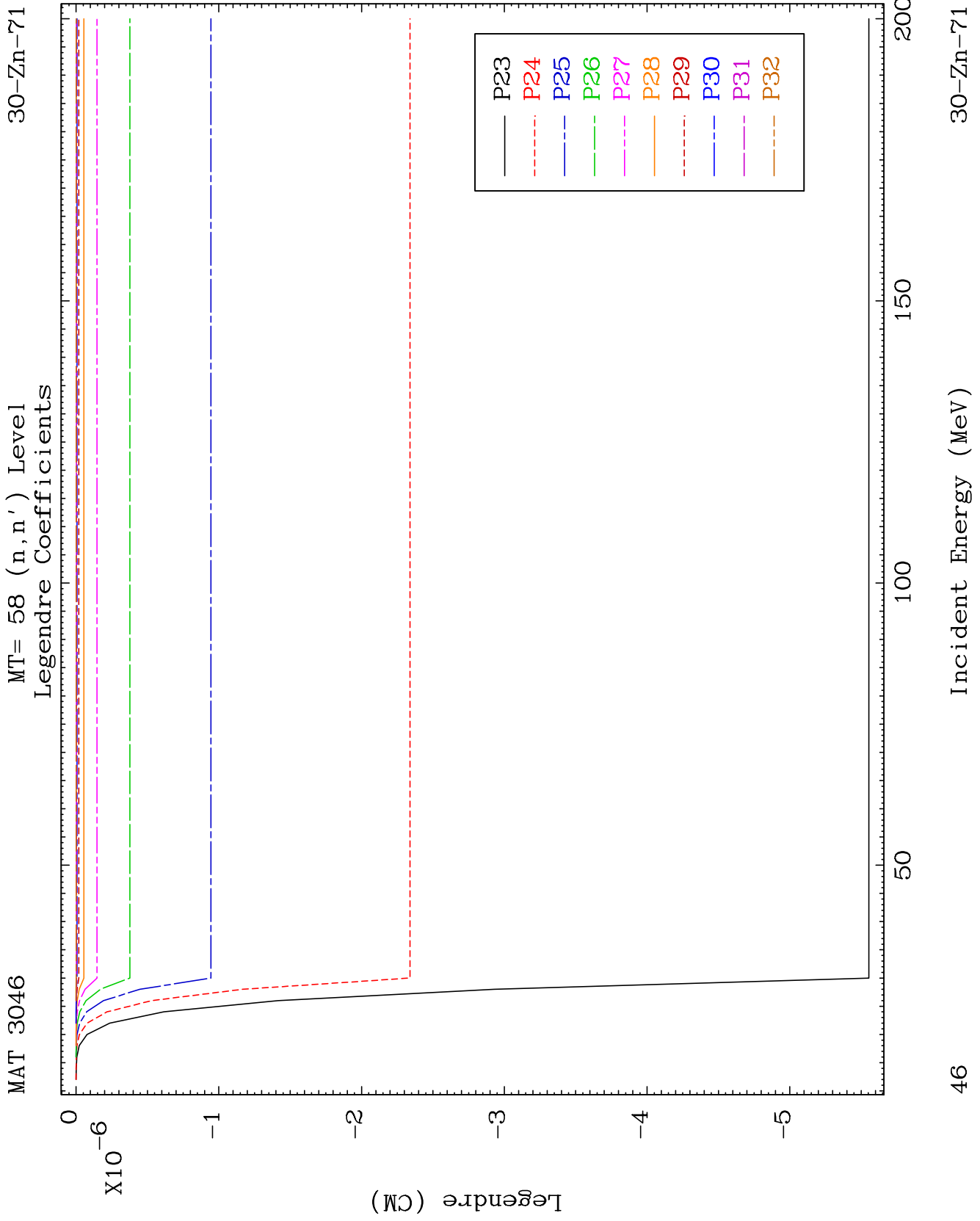
Incident Energy (MeV)

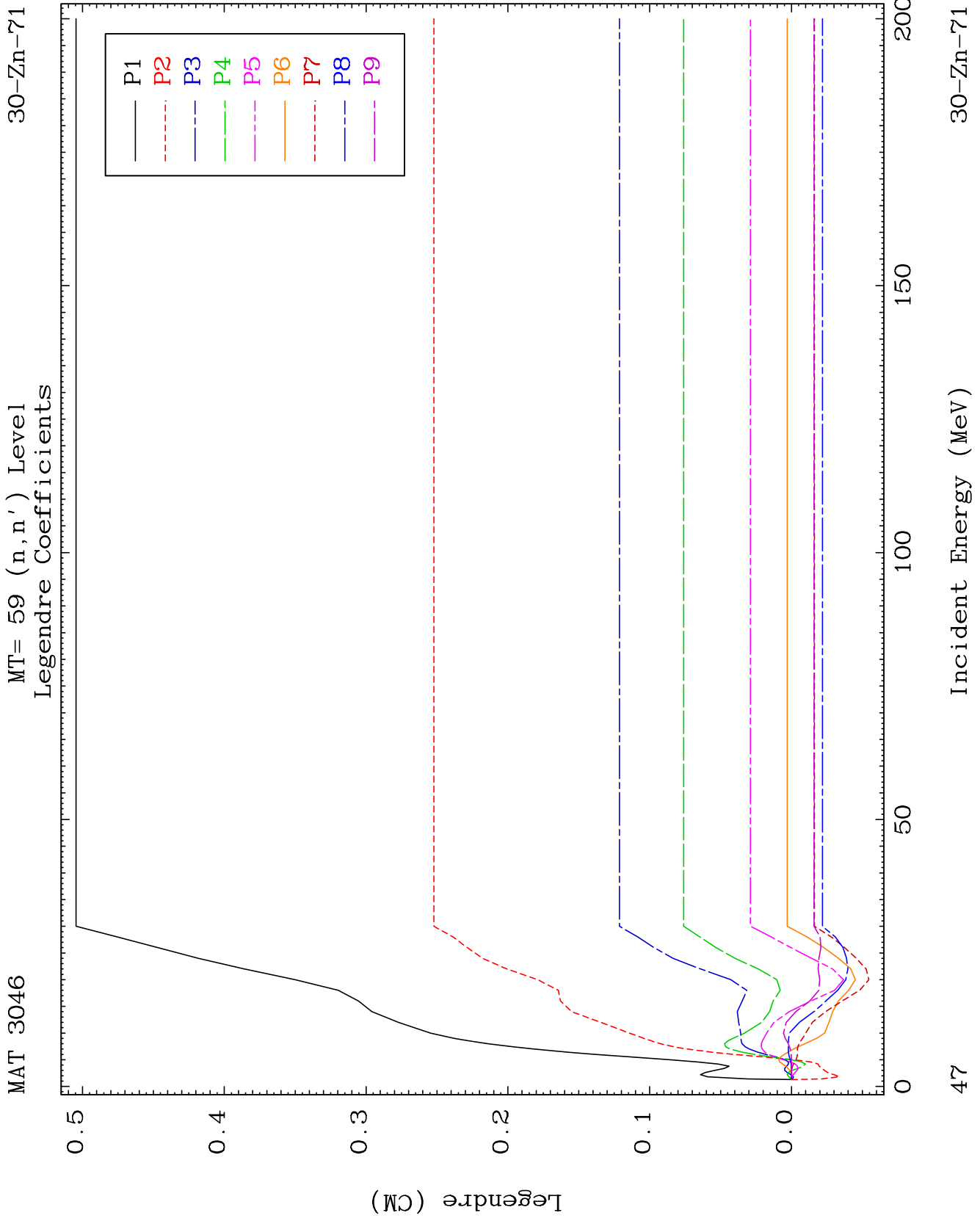
30-Zn-71

MAT 3046 MT= 58 (n,n') Level Legendre Coefficients 30-Zn-71



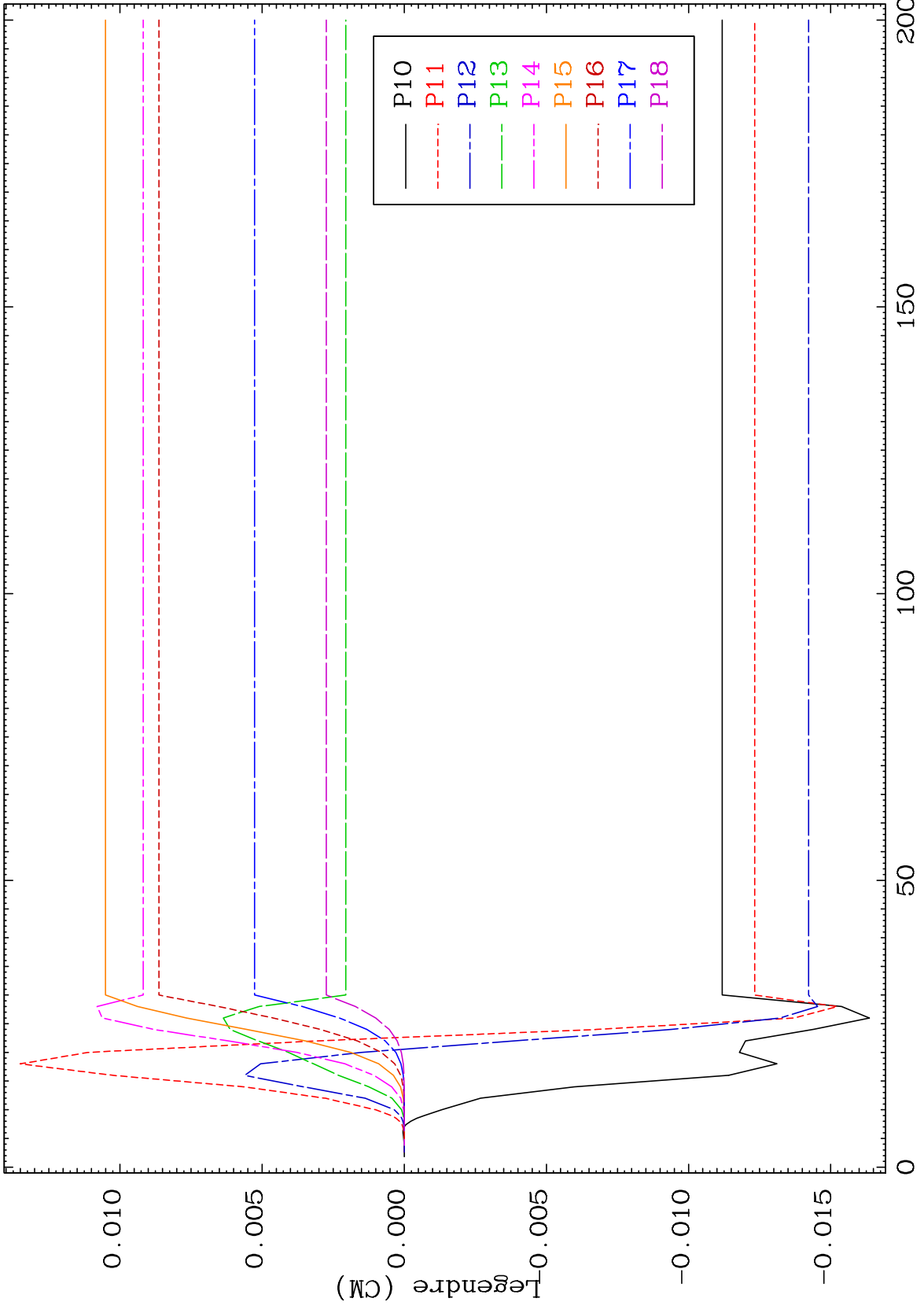
45 50 100 150 200 30-Zn-71







MAT 3046 MT= 59 (n,n') Level Legendre Coefficients 30-Zn-71

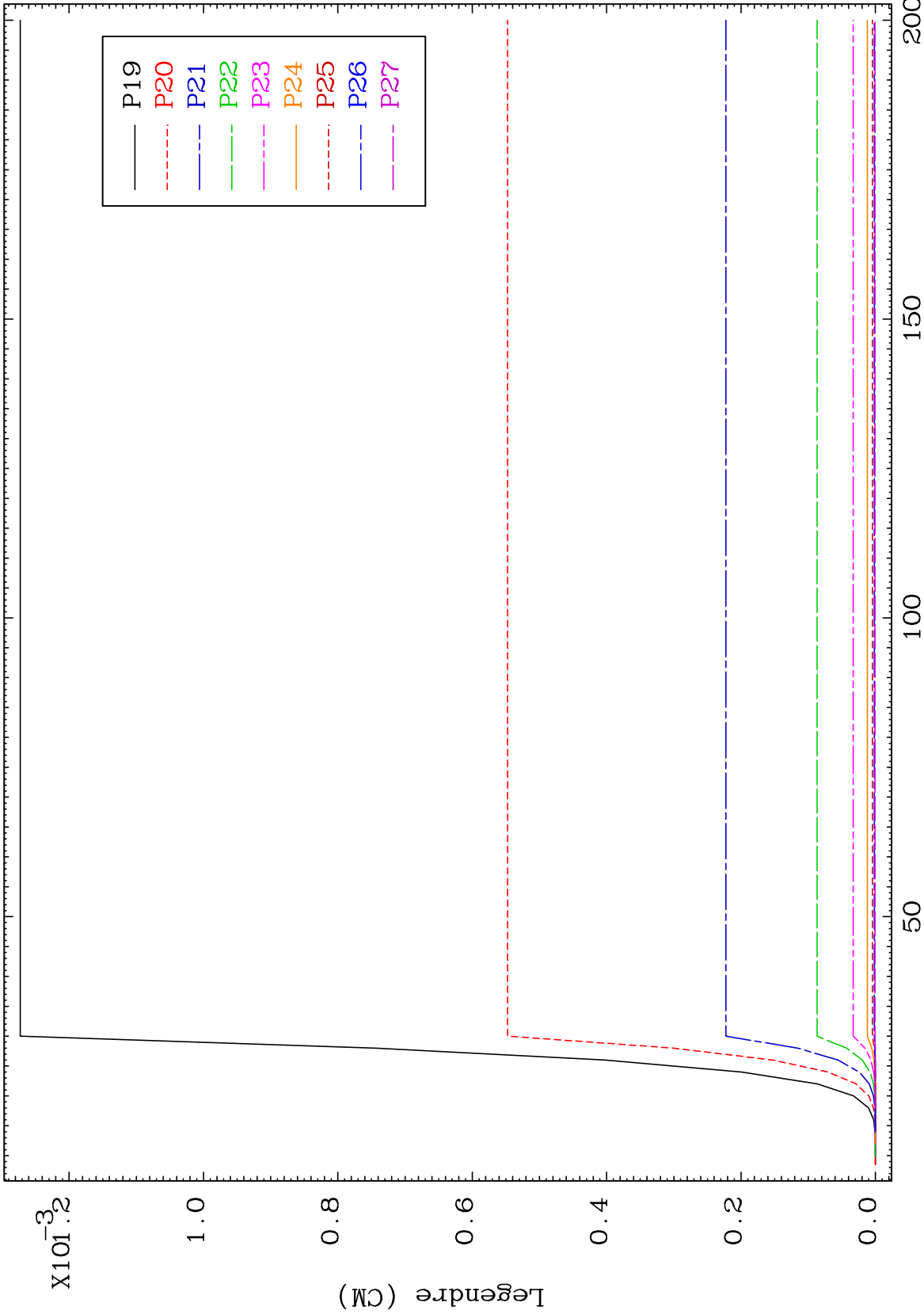


48 30-Zn-71

MAT 3046

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

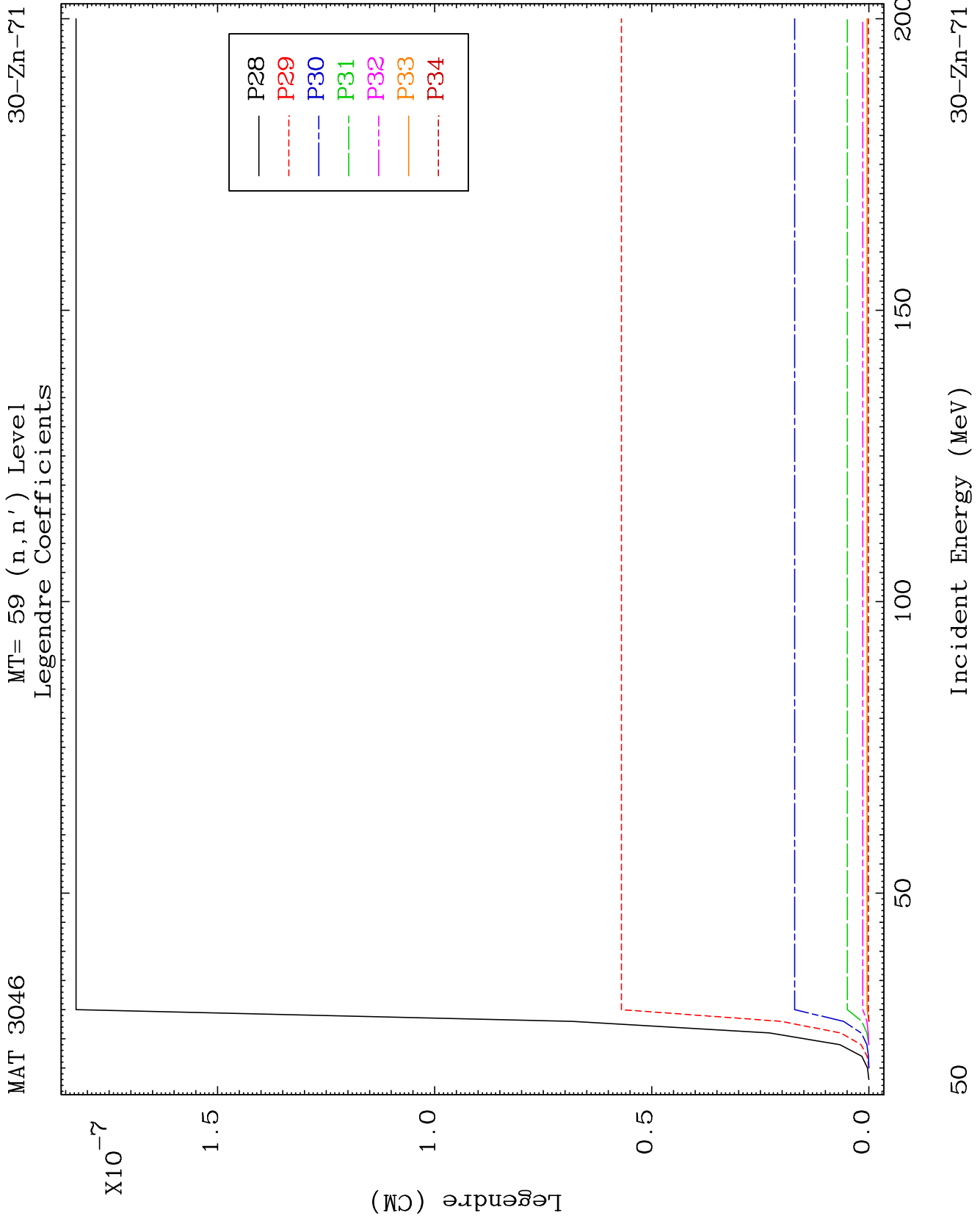
30-Zn-71



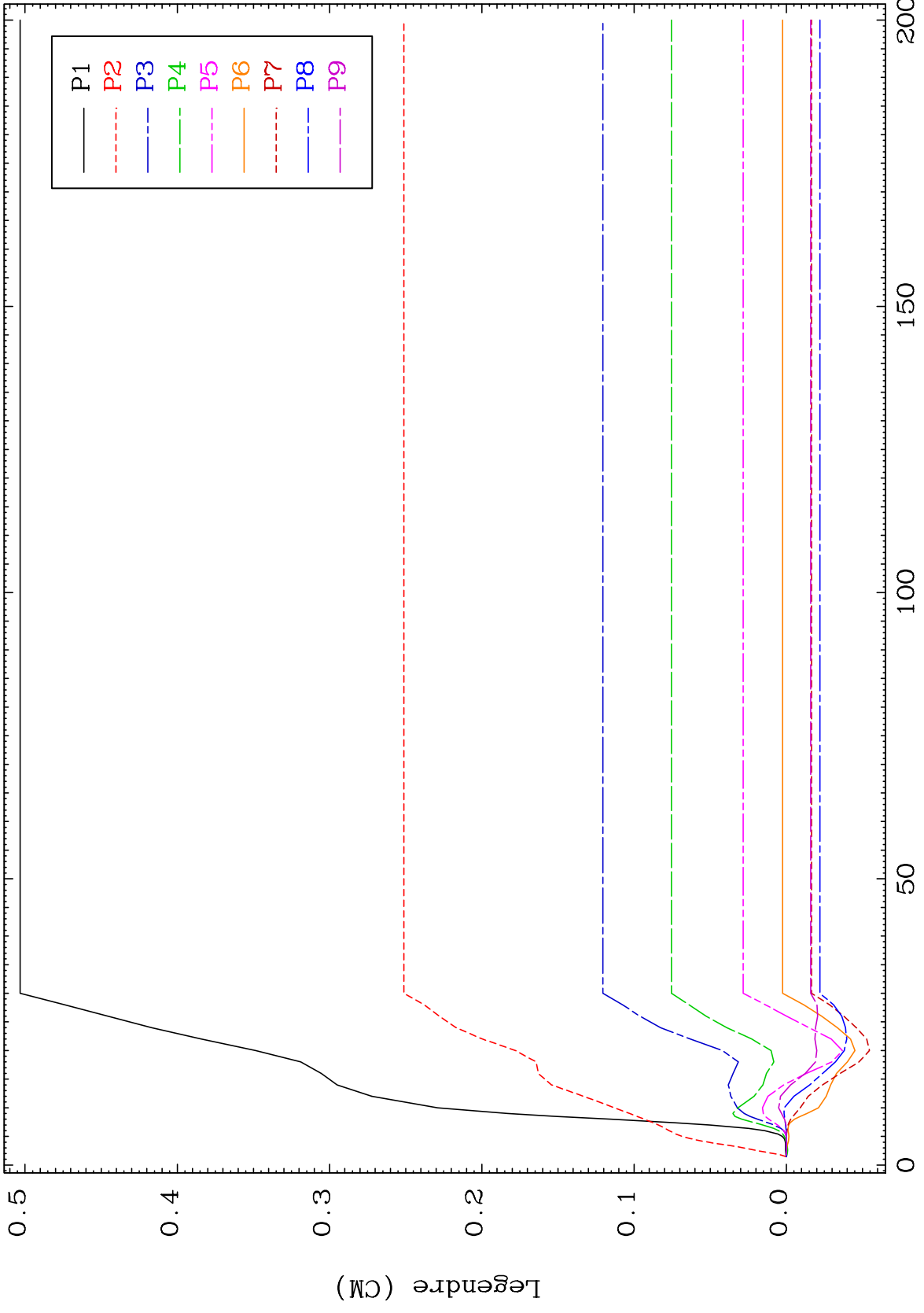
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Incident Energy (MeV)

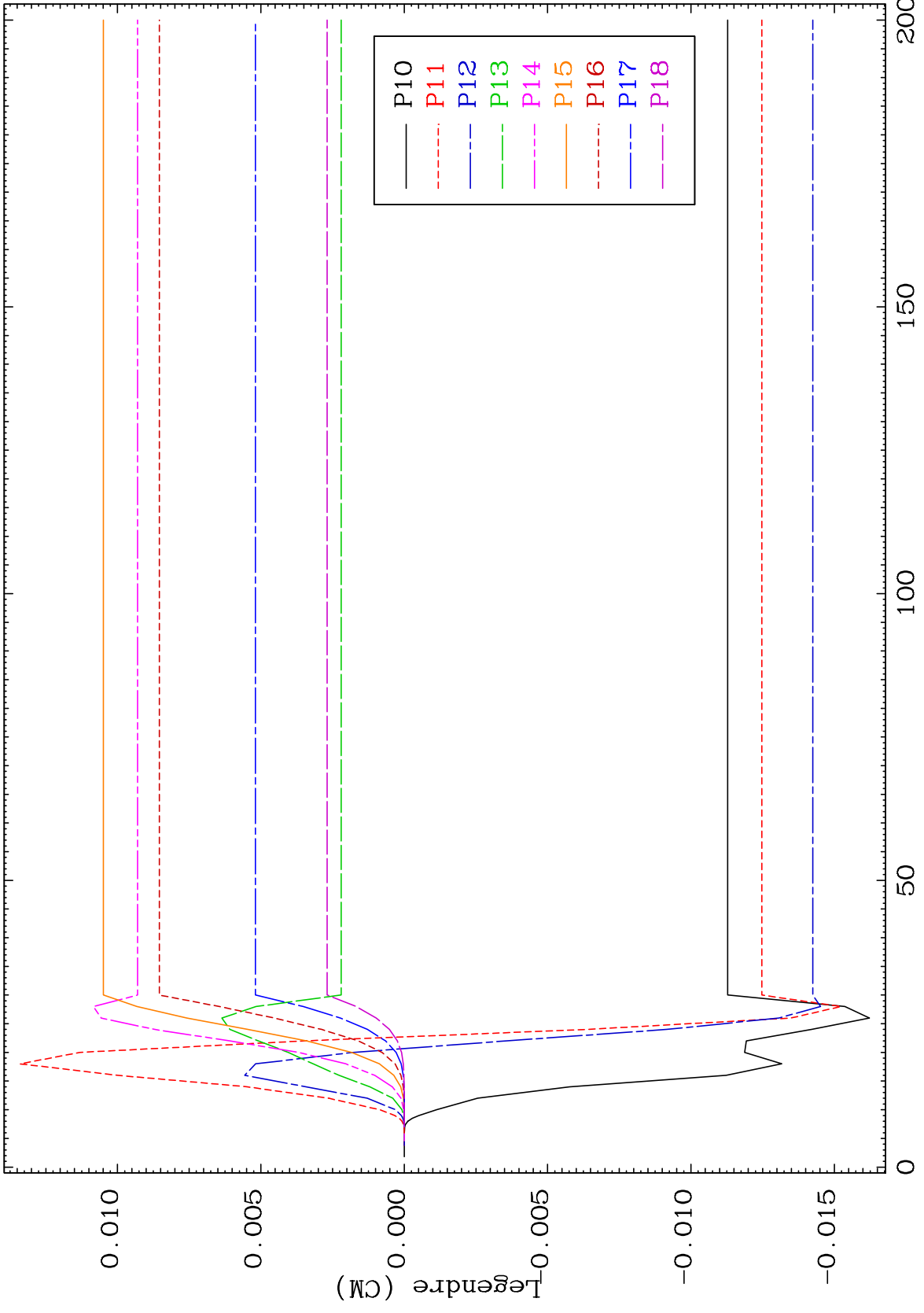
30-Zn-71



MAT 3046 MT= 60 (n,n') Level Legendre Coefficients 30-Zn-71



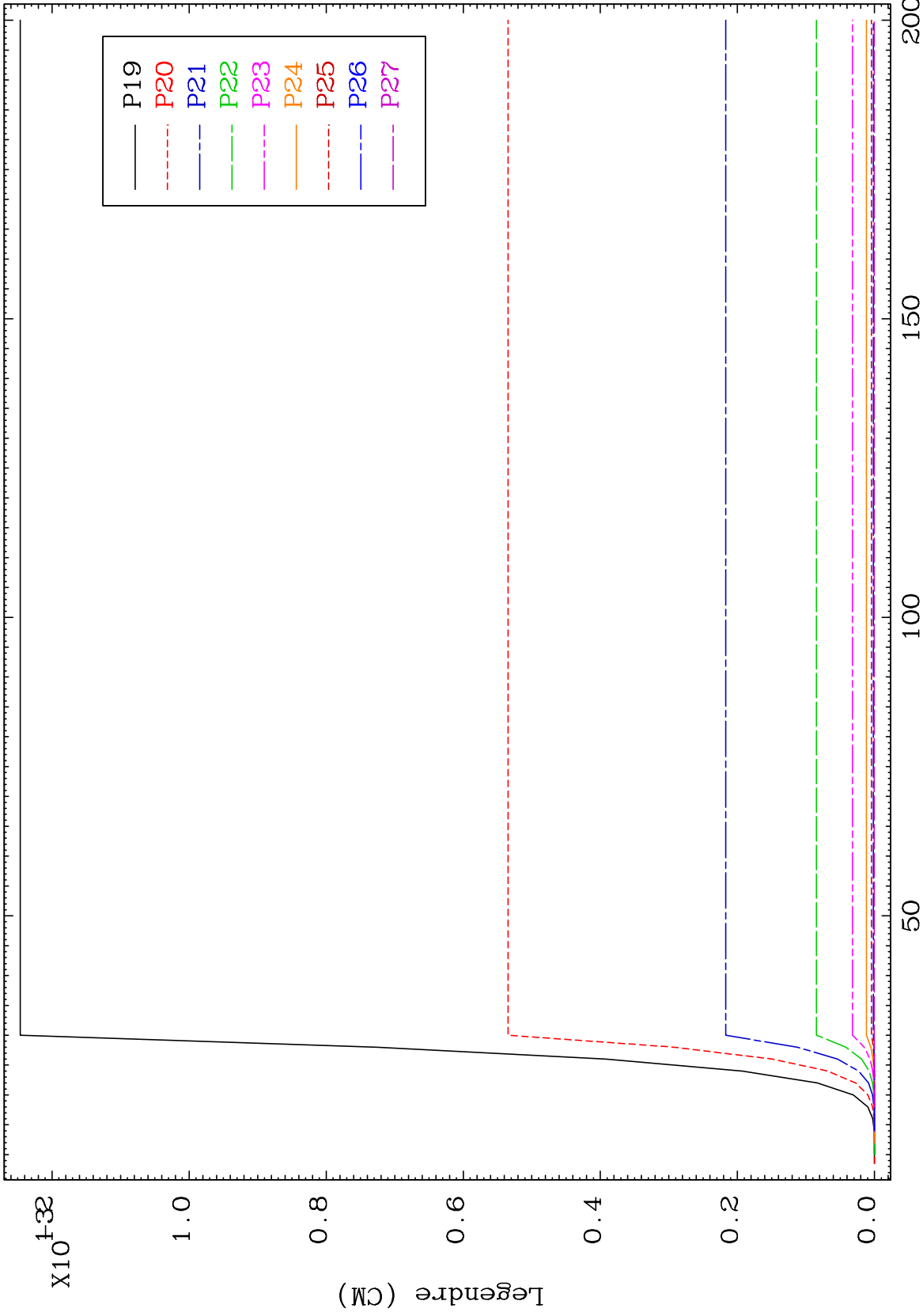
MAT 3046 MT= 60 (n,n') Level Legendre Coefficients 30-Zn-71



MAT 3046

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

30-Zn-71

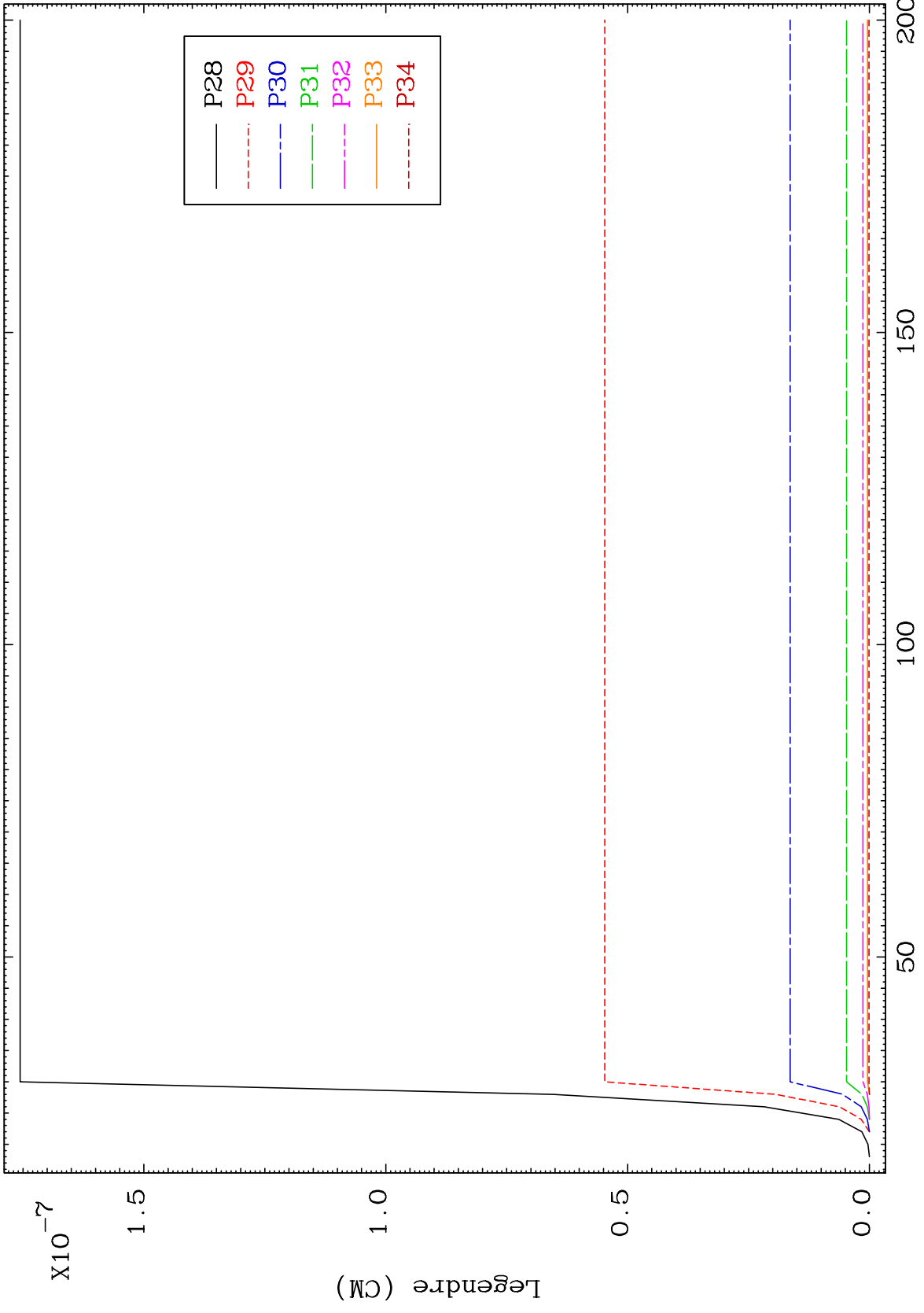


53

Incident Energy (MeV)

30-Zn-71

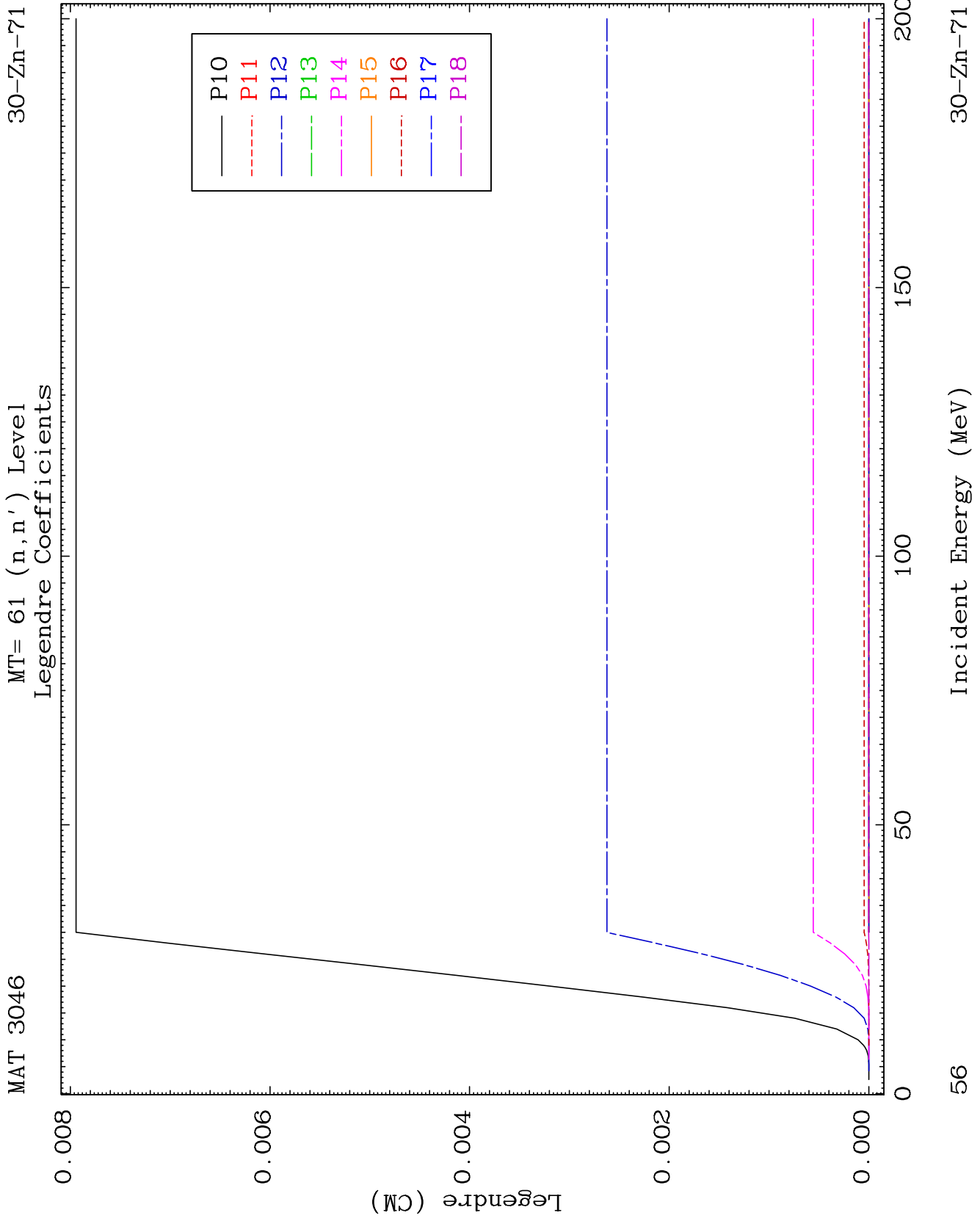
MAT 3046 MT= 60 (n,n') Level Legendre Coefficients 30-Zn-71



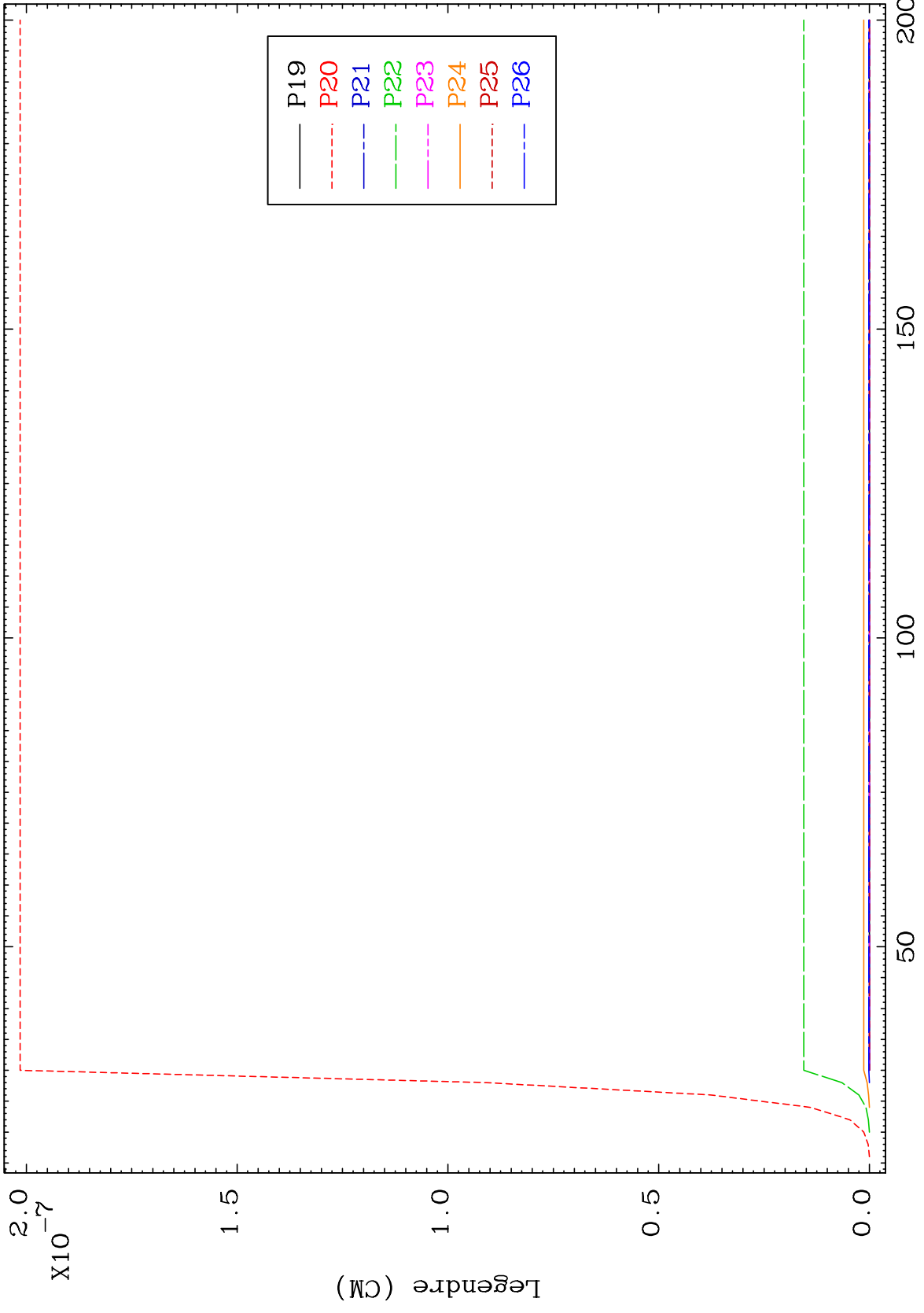
54 Incident Energy (MeV) 30-Zn-71







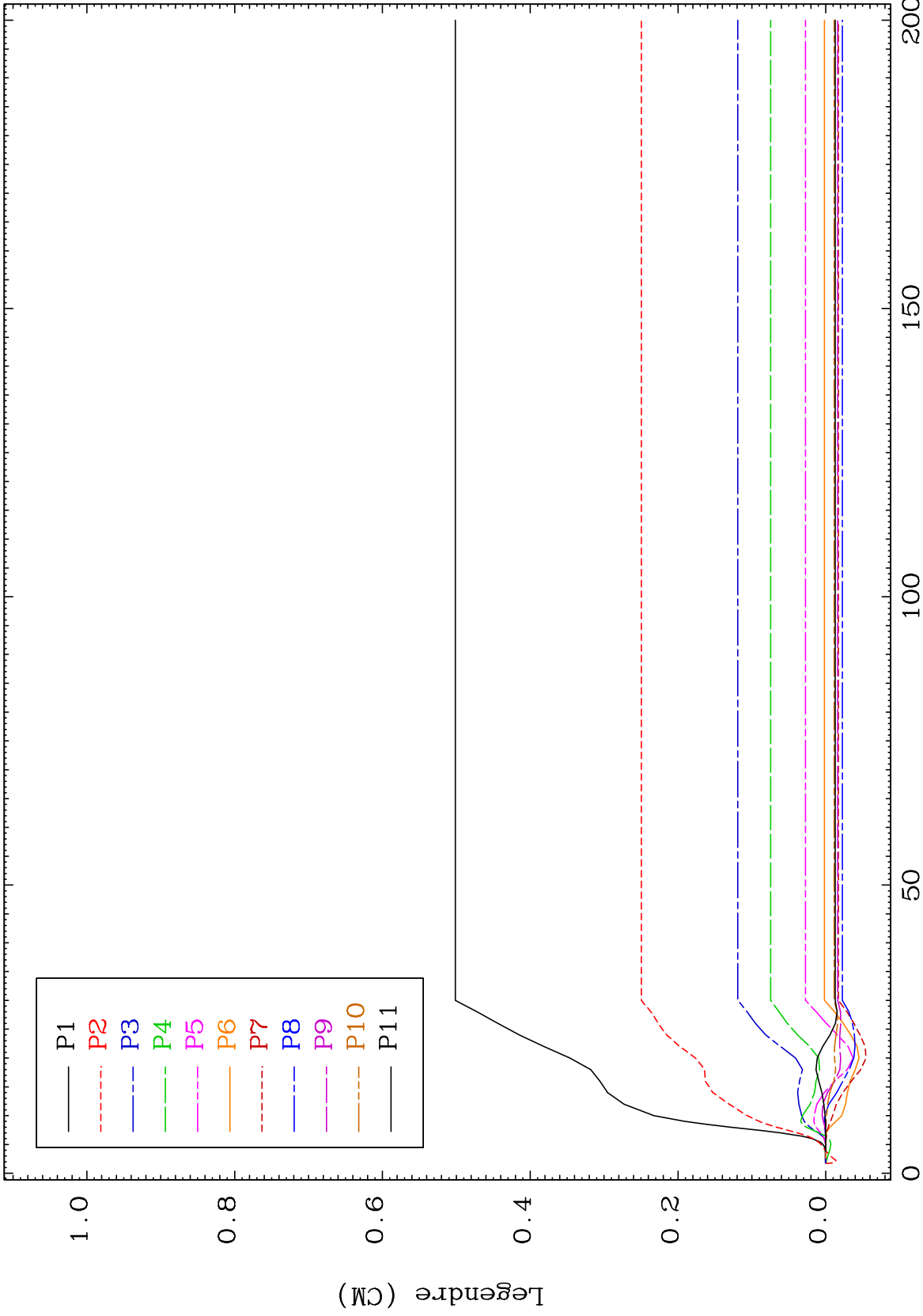
MAT 3046 MT= 61 (n,n') Level Legendre Coefficients 30-Zn-71



MAT 3046

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

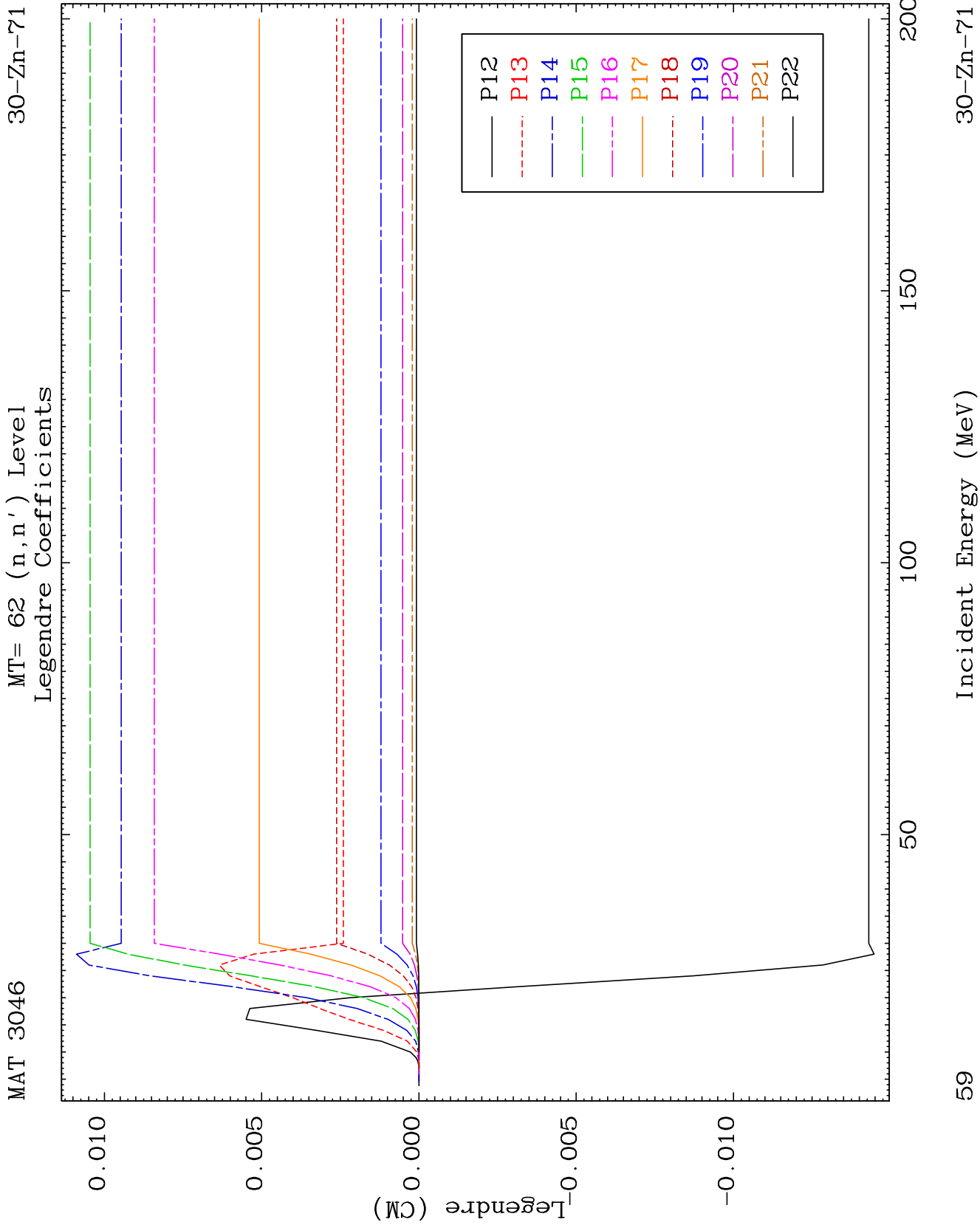
30-Zn-71



58

Incident Energy (MeV)

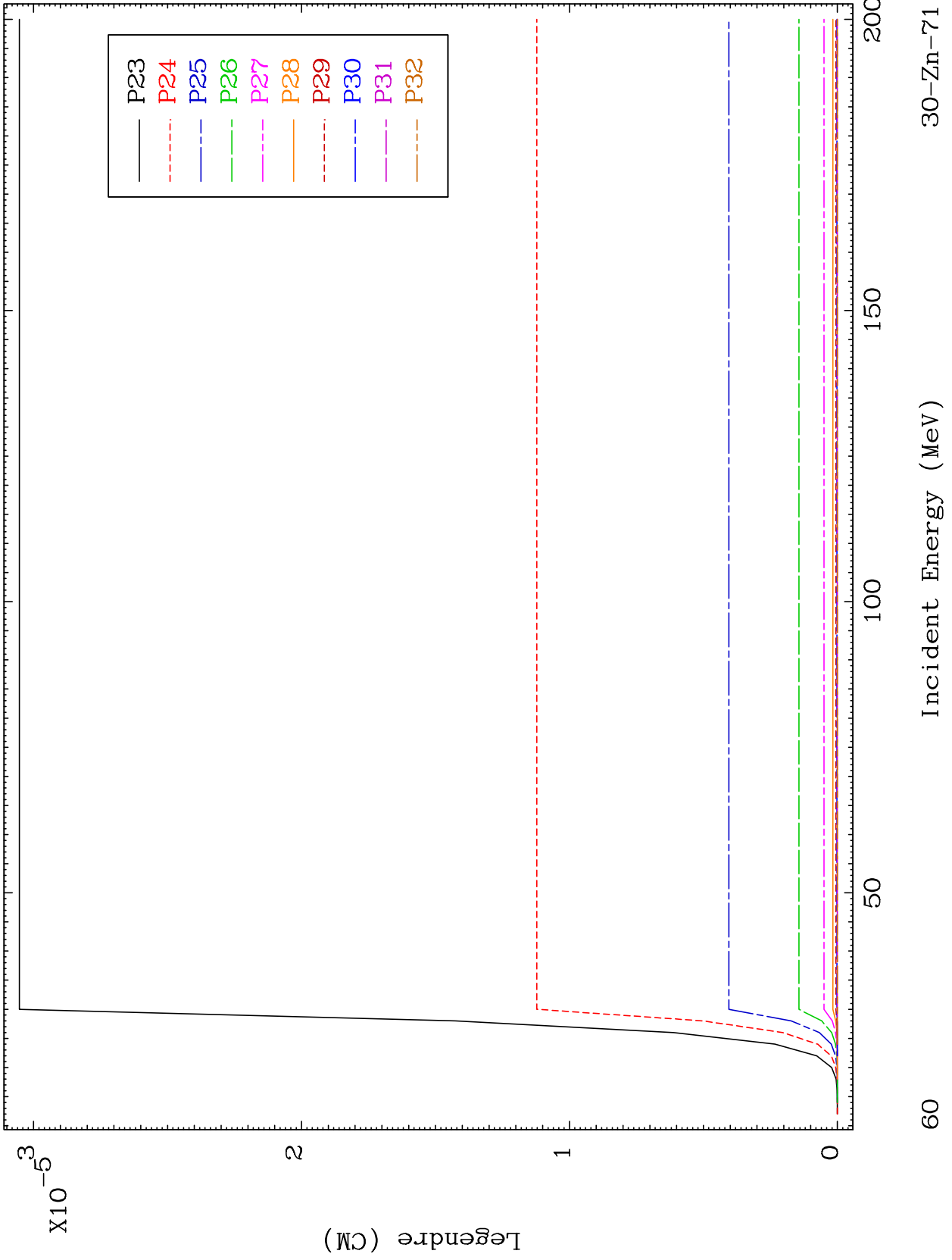
30-Zn-71



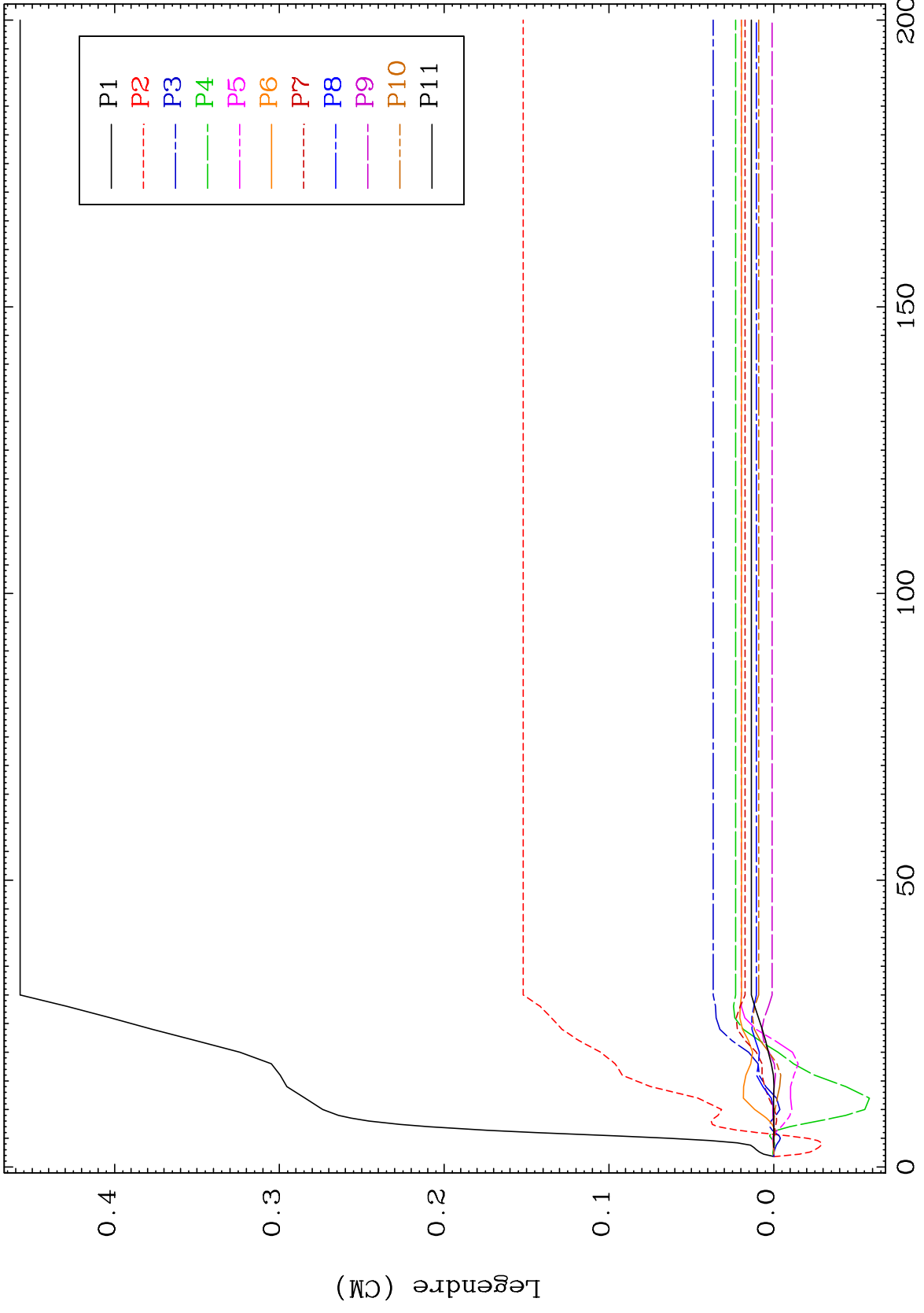
MAT 3046

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

30-Zn-71

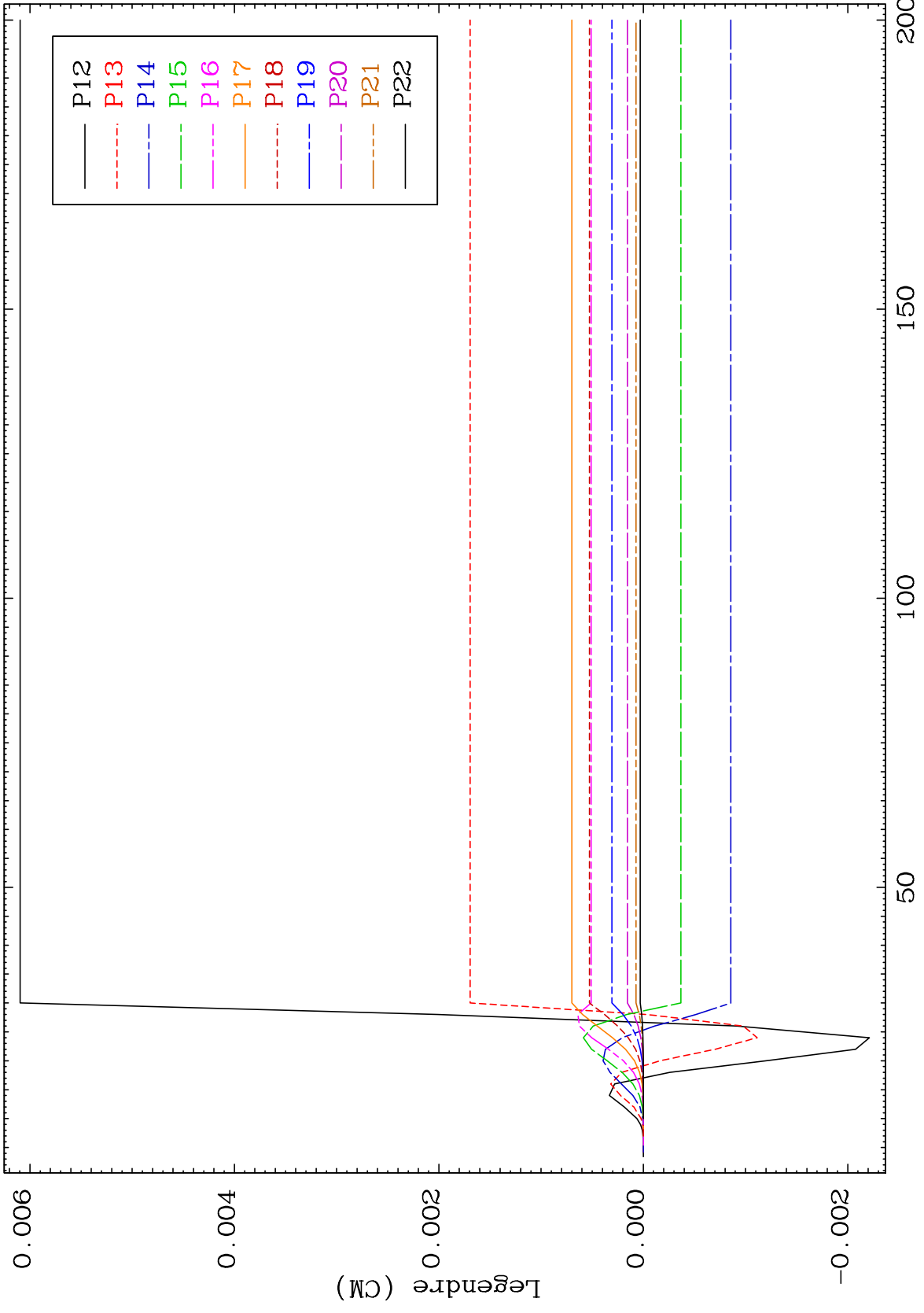


MAT 3046 MT= 63 (n,n') Level Legendre Coefficients 30-Zn-71



61 Incident Energy (MeV) 30-Zn-71

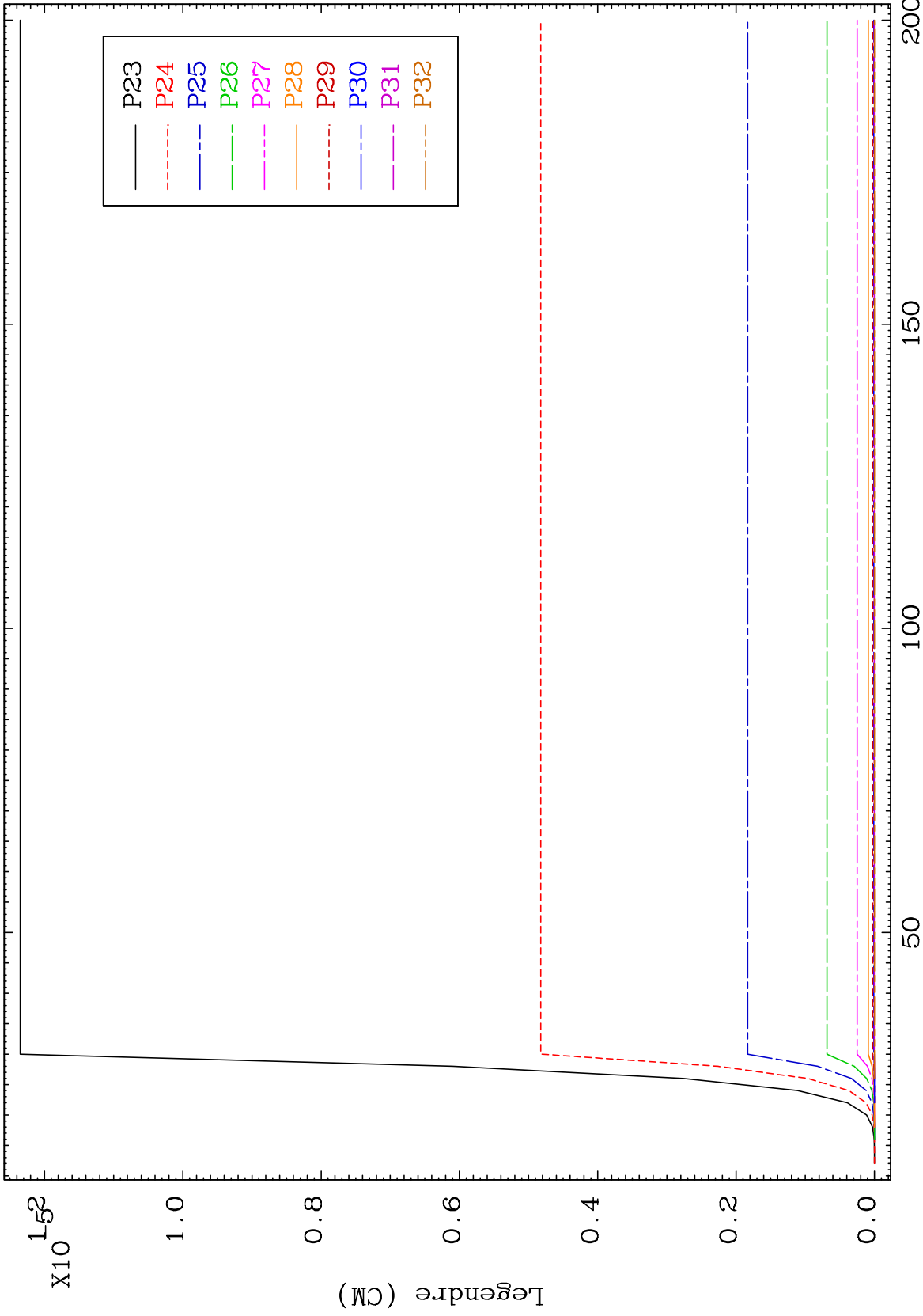
MAT 3046 MT= 63 (n,n') Level Legendre Coefficients 30-Zn-71



MAT 3046

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

30-Zn-71

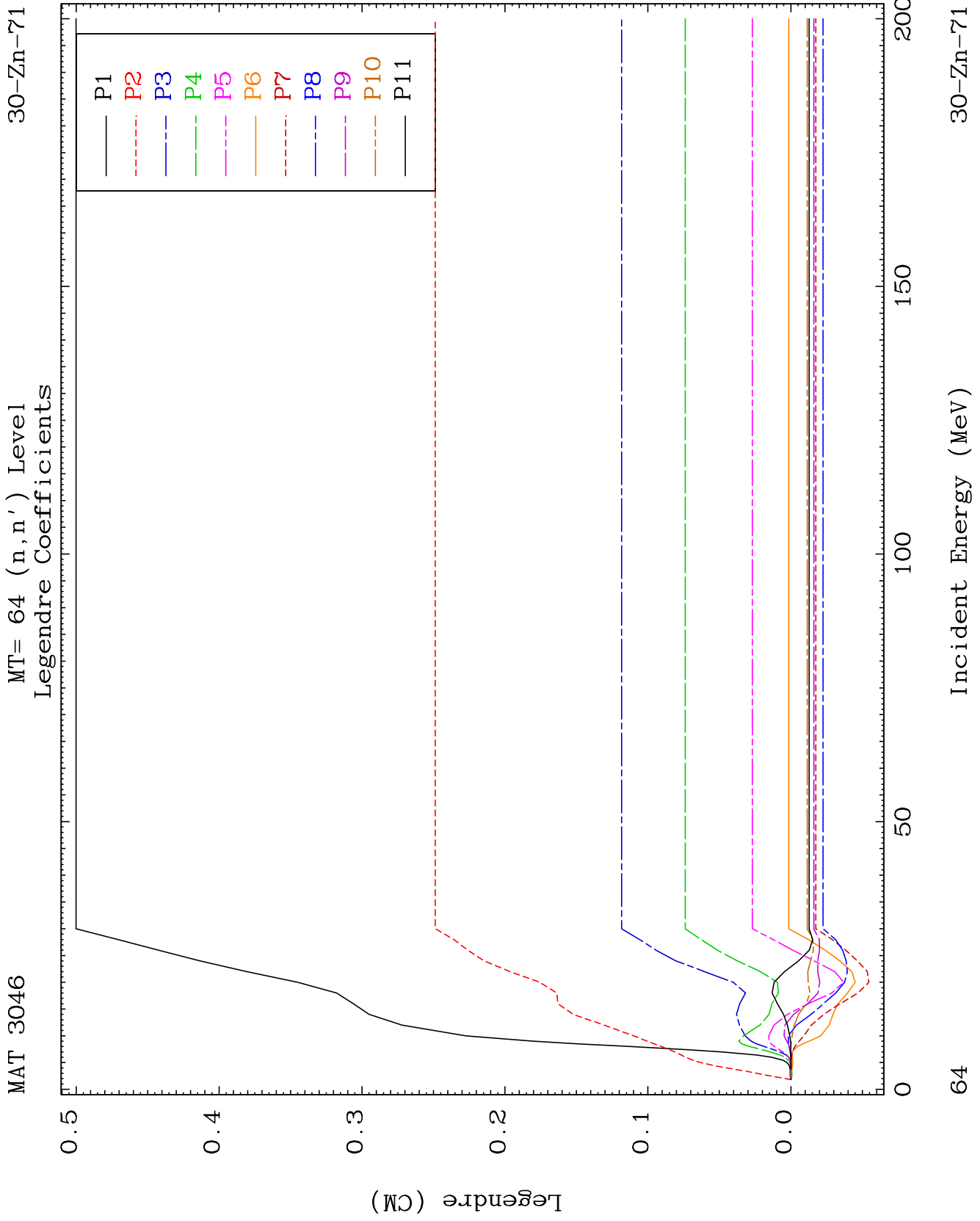


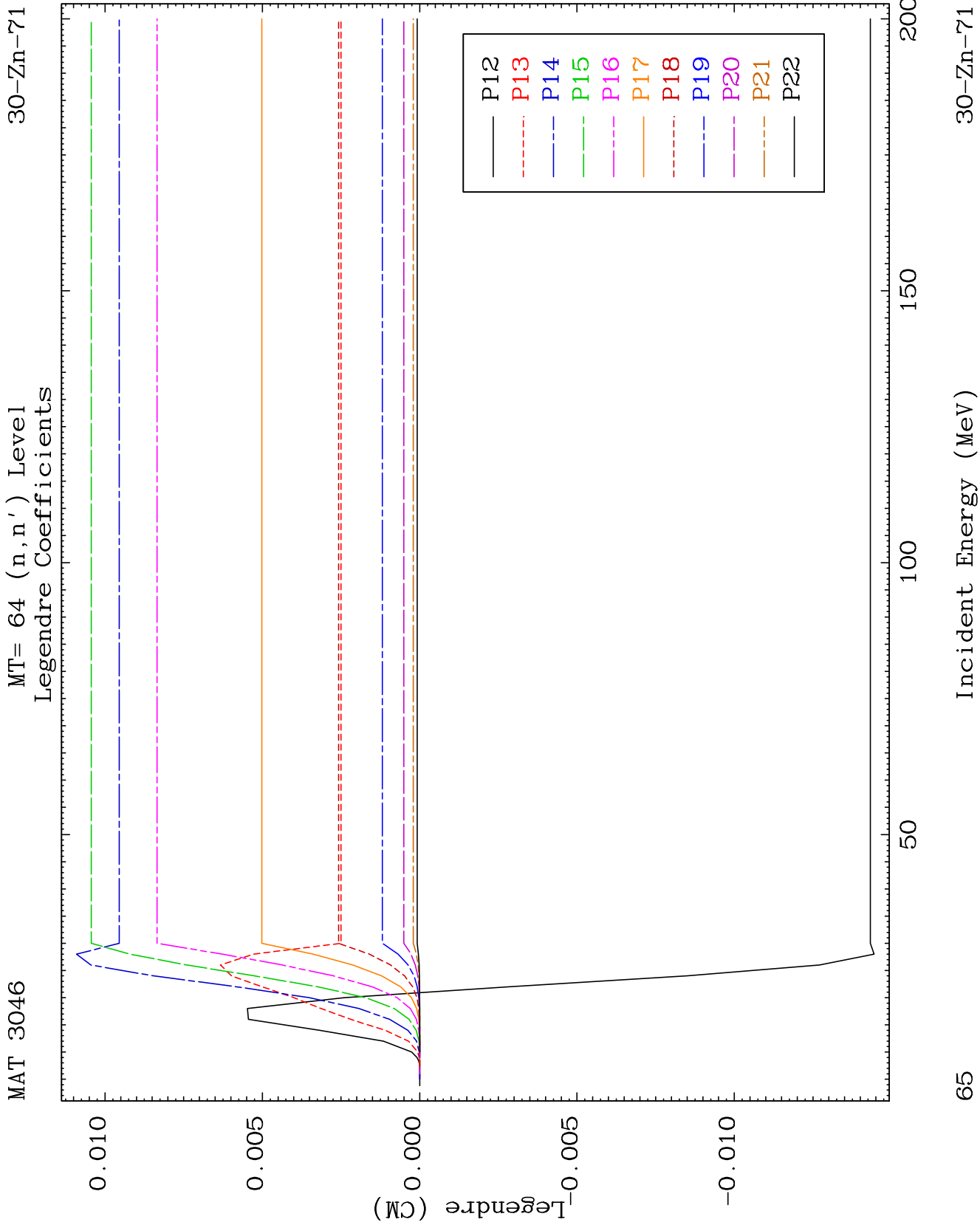
63

Incident Energy (MeV)

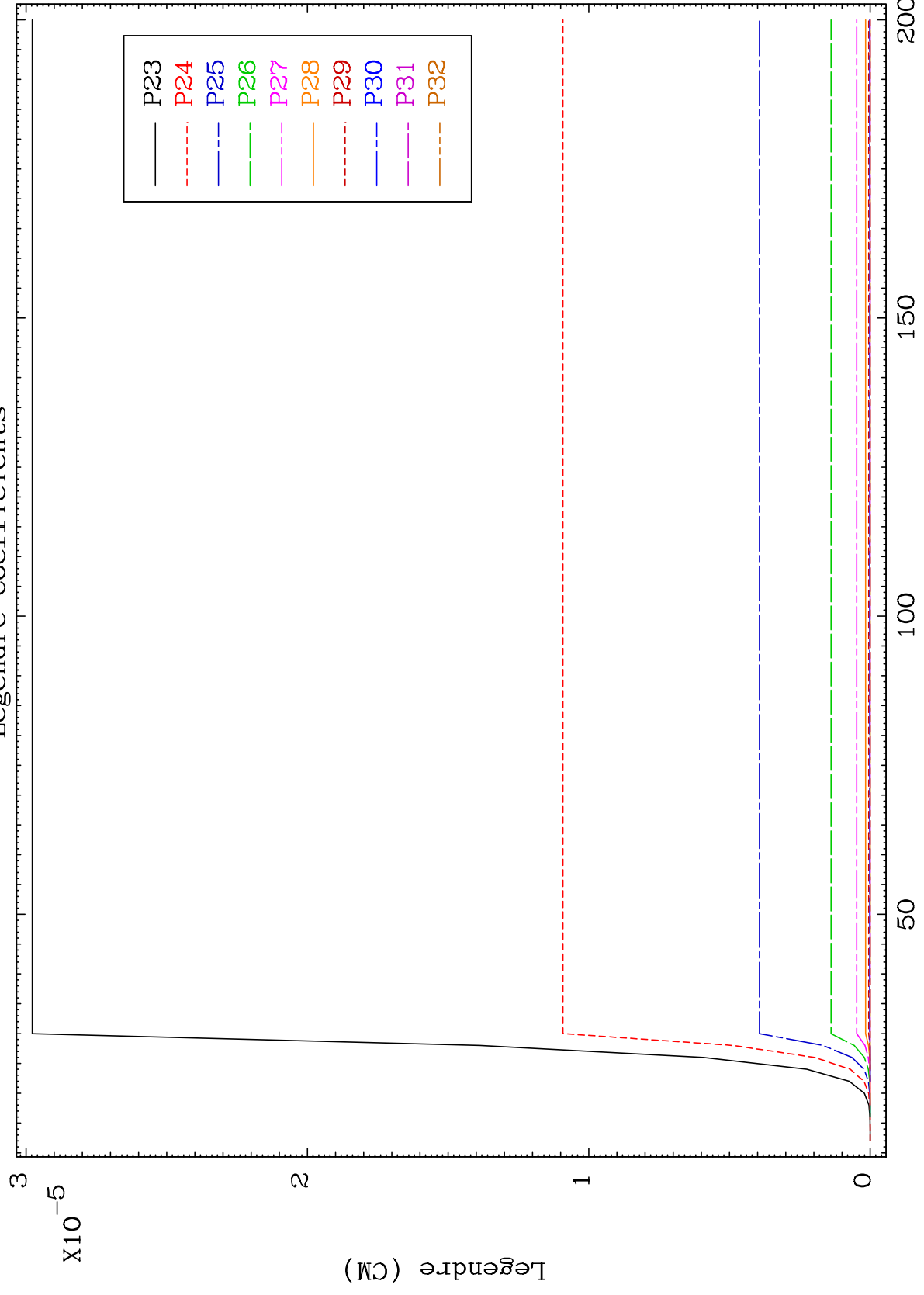
30-Zn-71

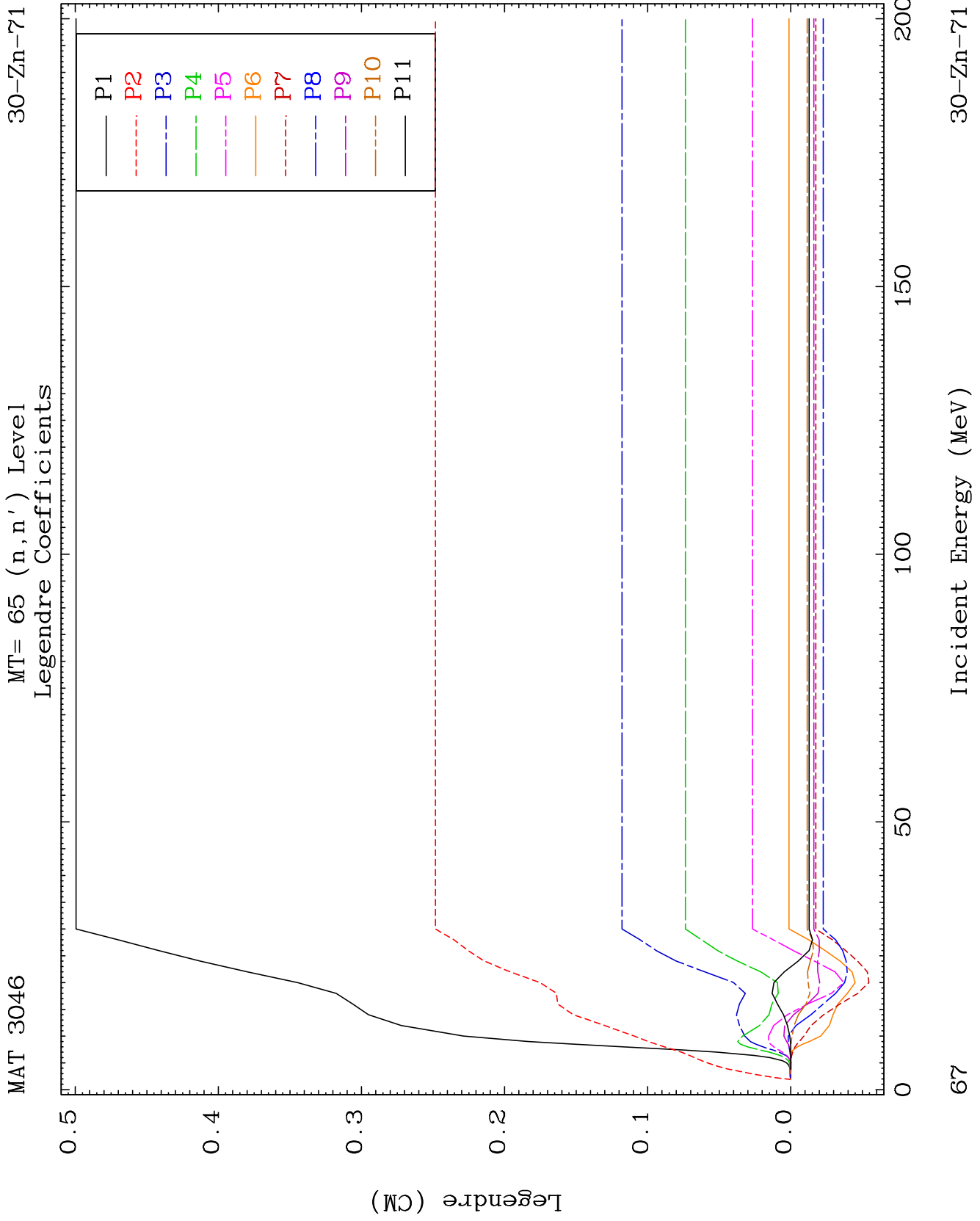


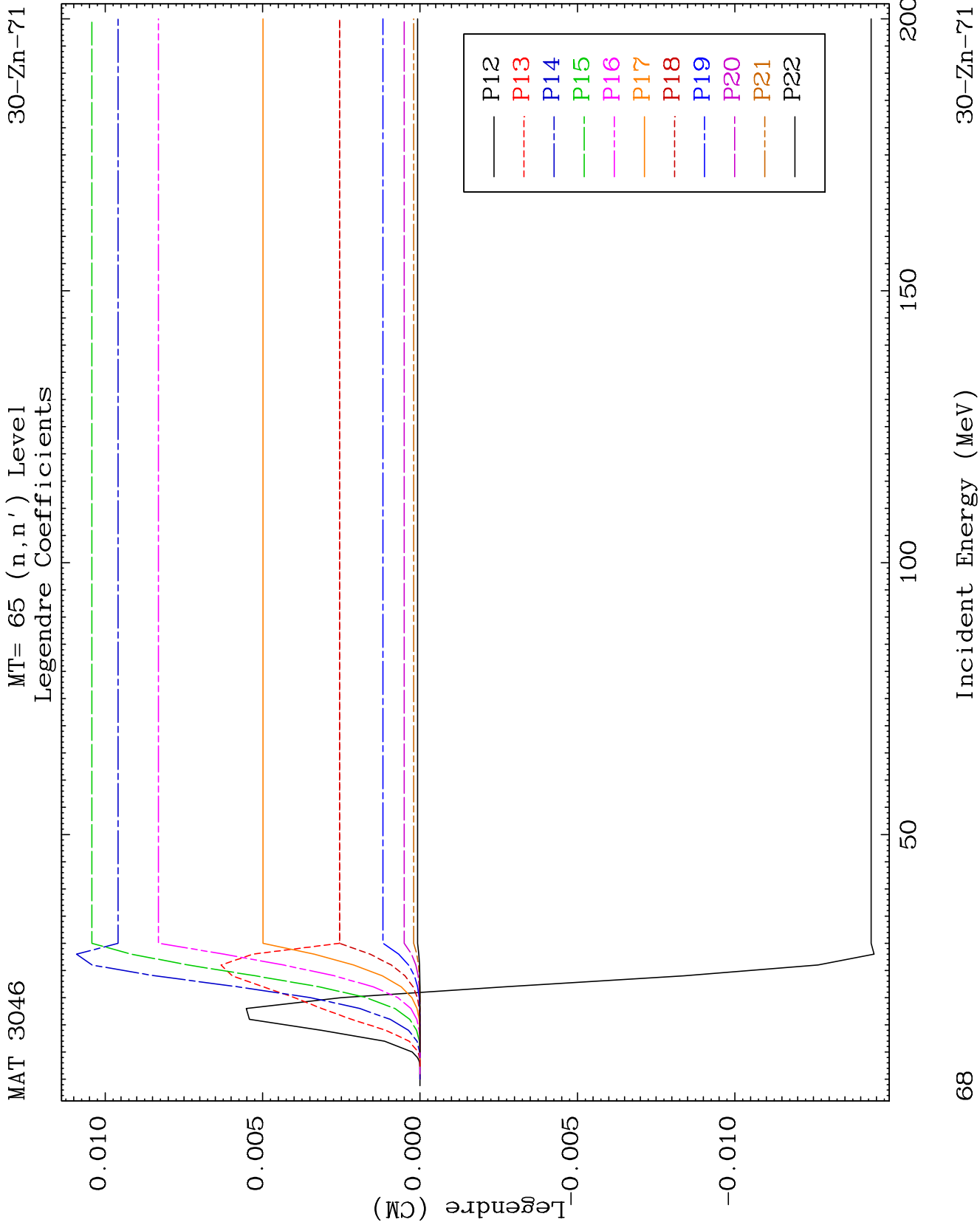




MAT 3046 MT= 64 (n,n') Level Legendre Coefficients 30-Zn-71



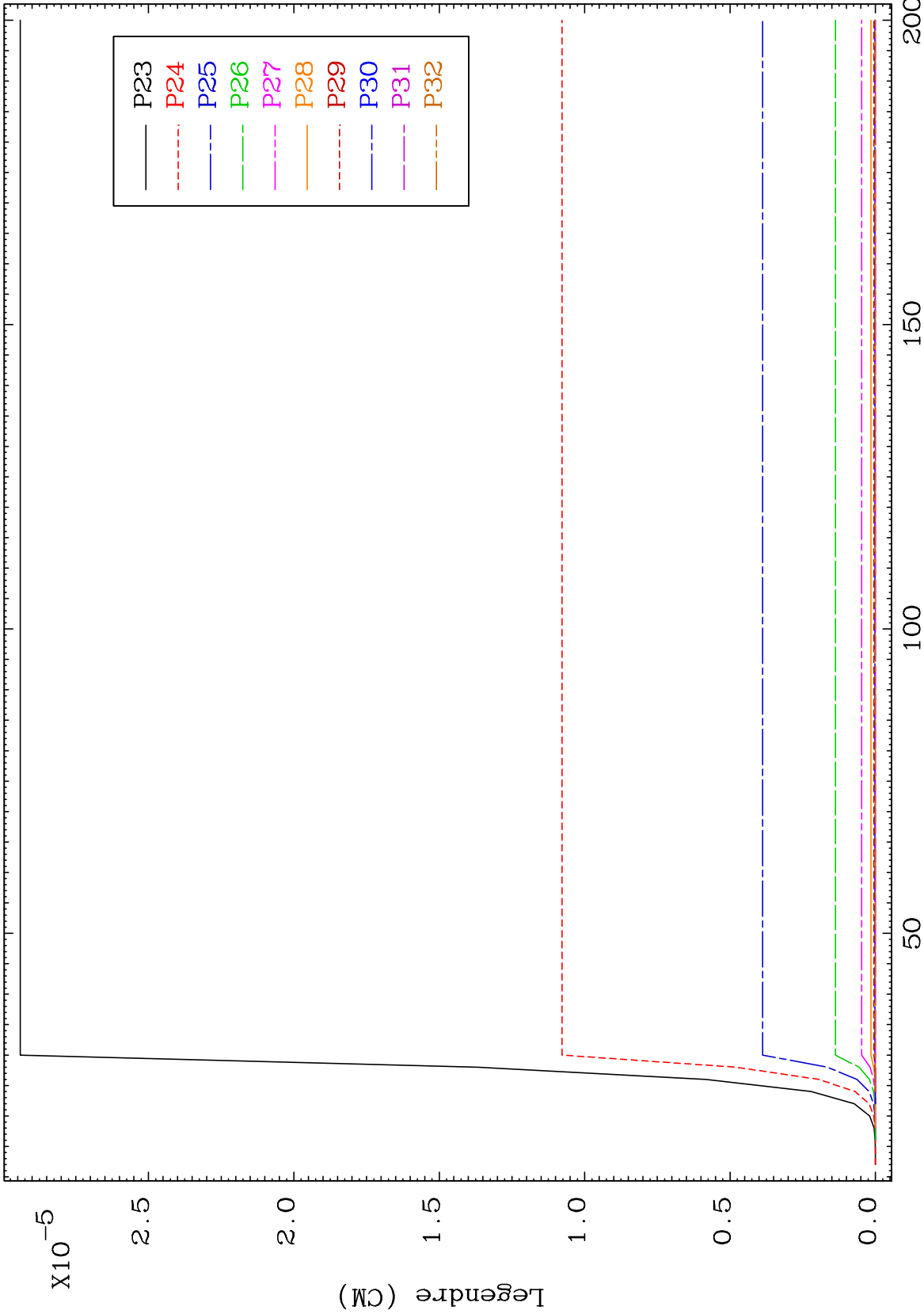




MAT 3046

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

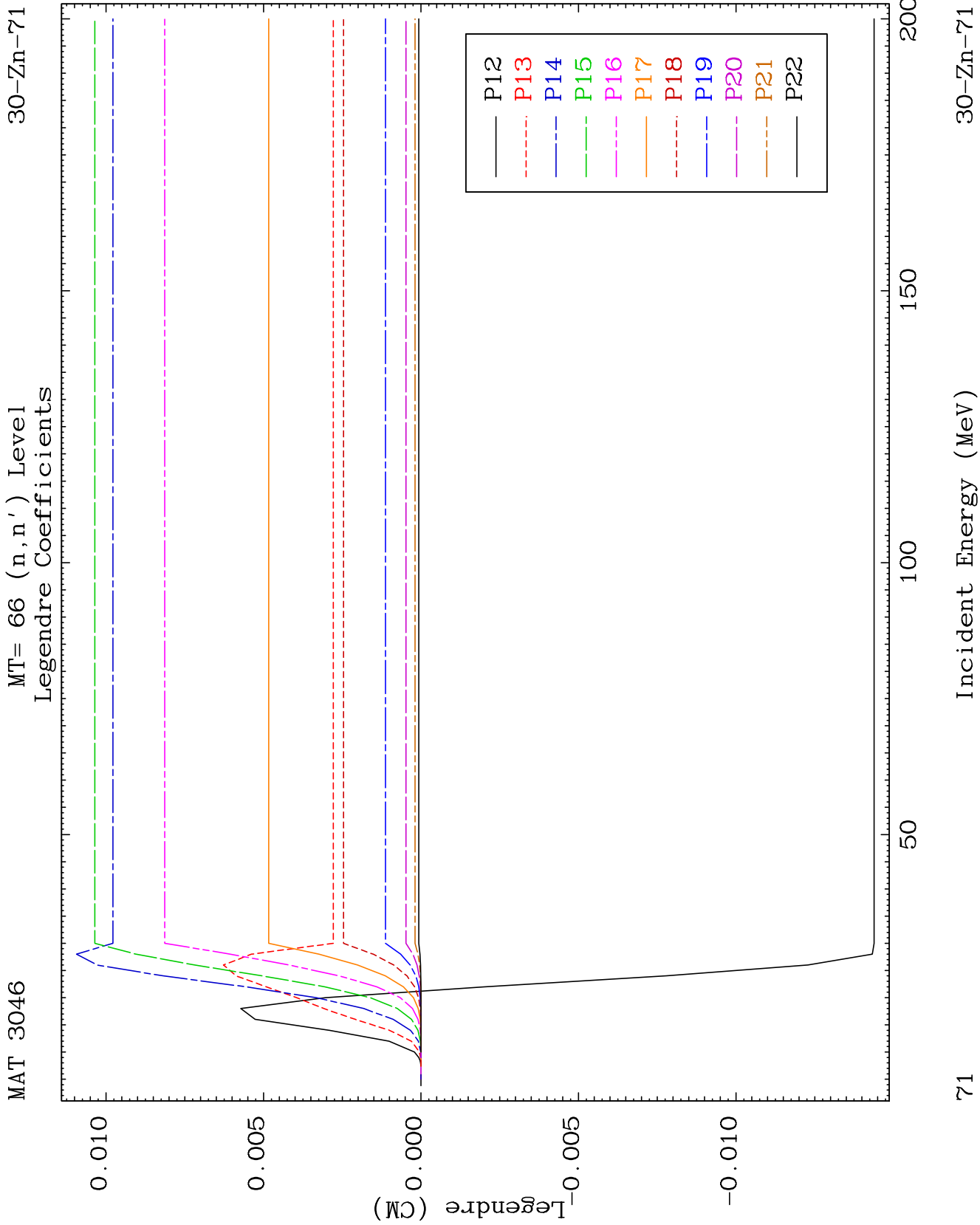
30-Zn-71



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30-Zn-71



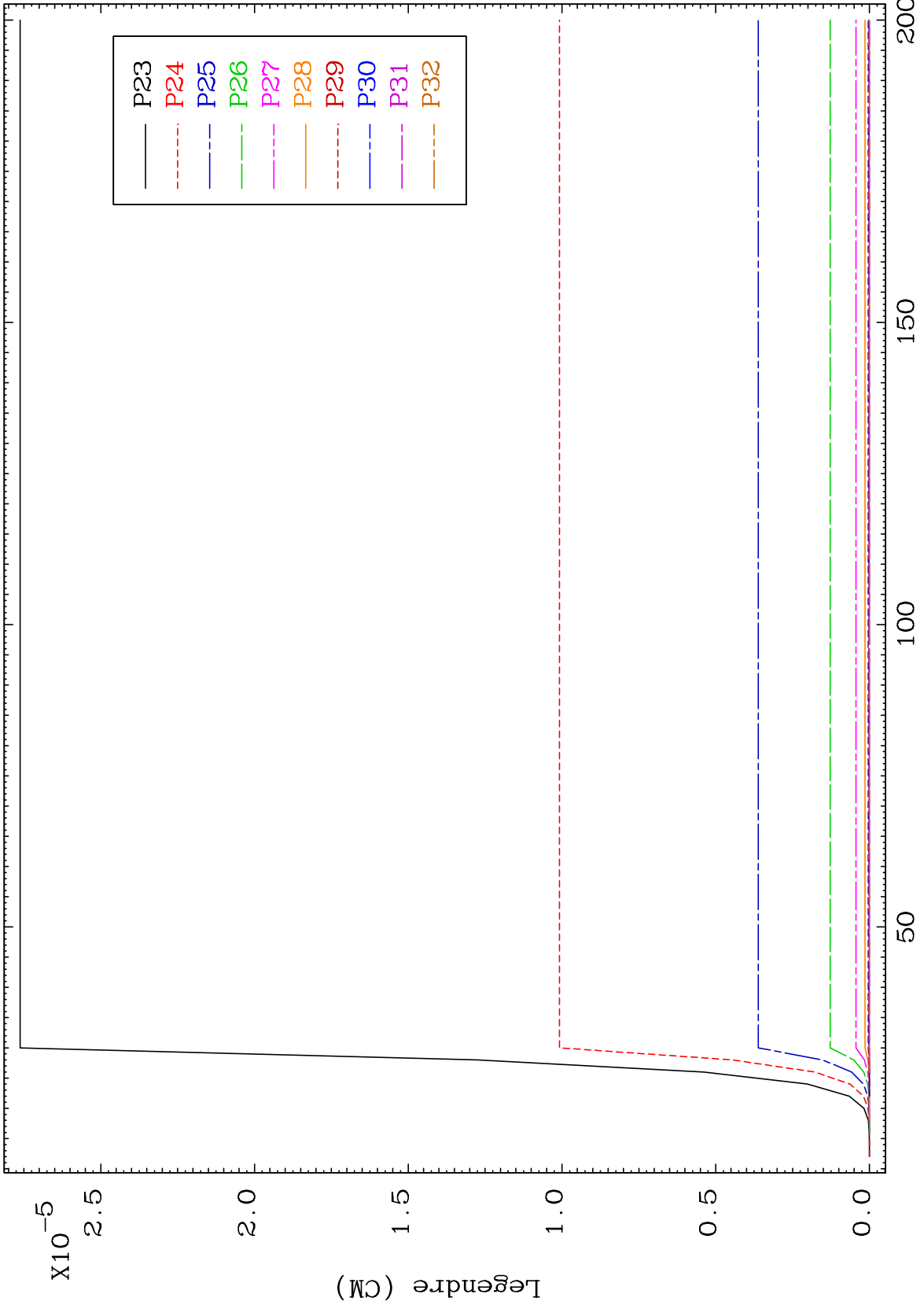




MAT 3046

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

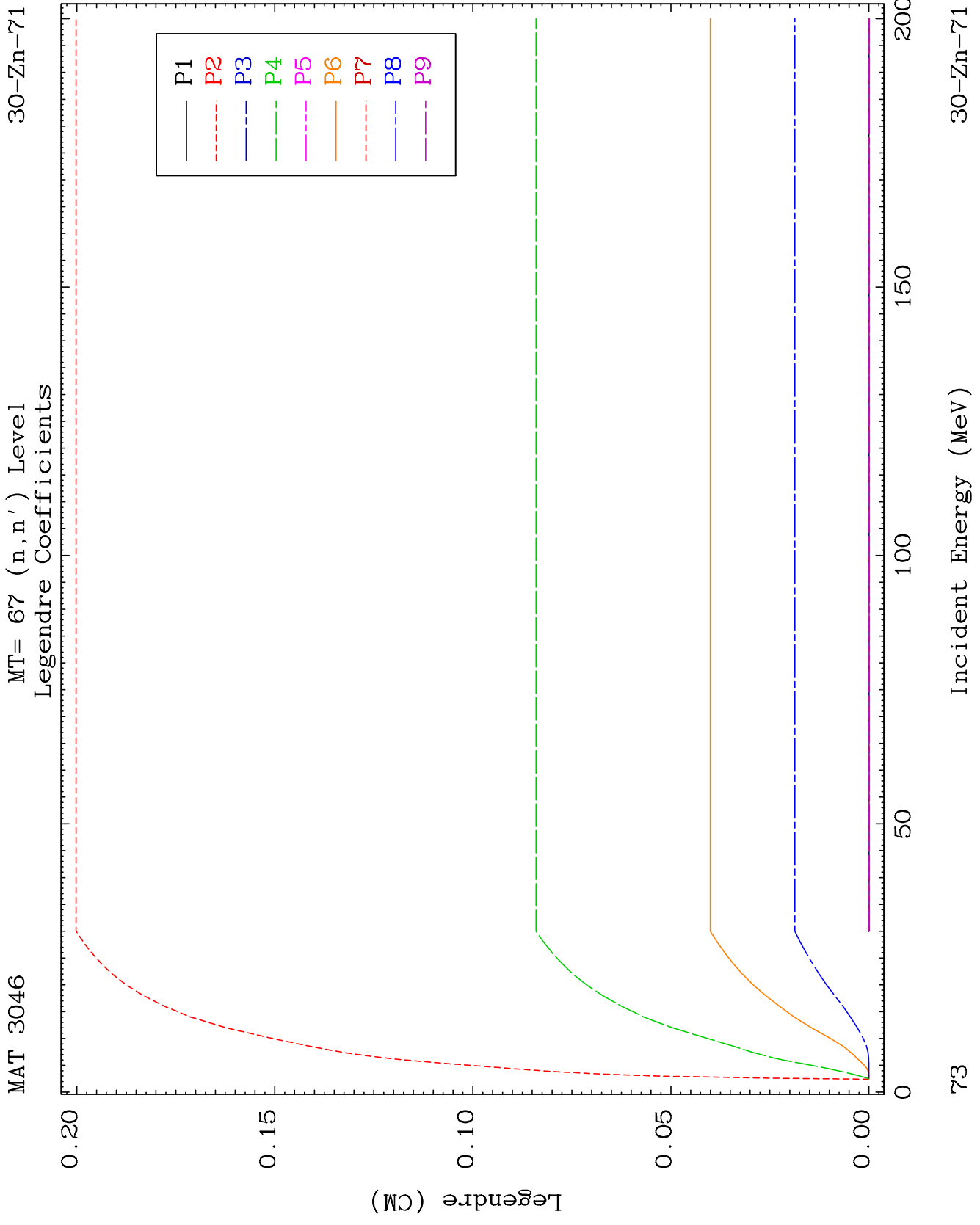
30-Zn-71



72

Incident Energy (MeV)

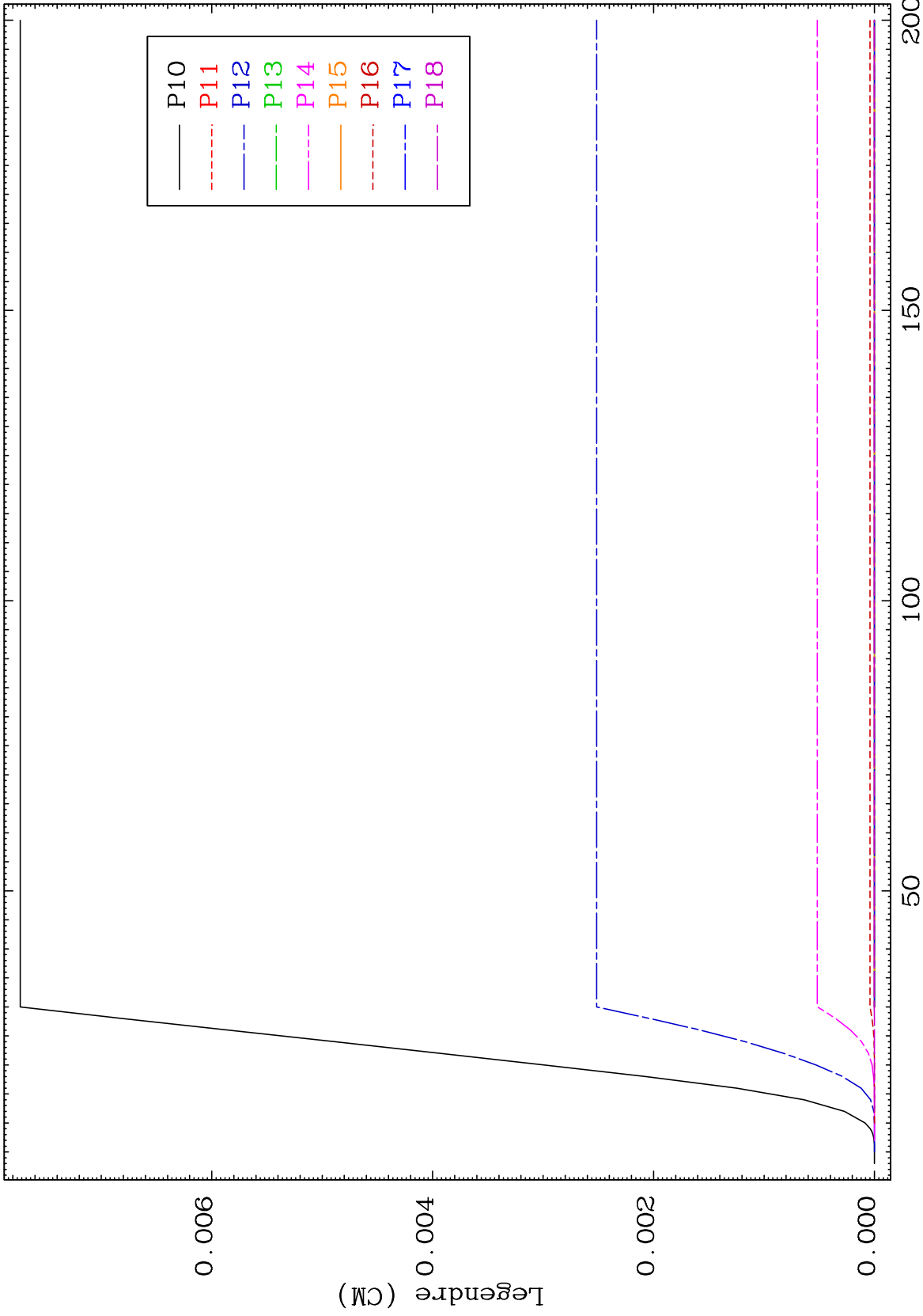
30-Zn-71



MAT 3046

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

30-Zn-71

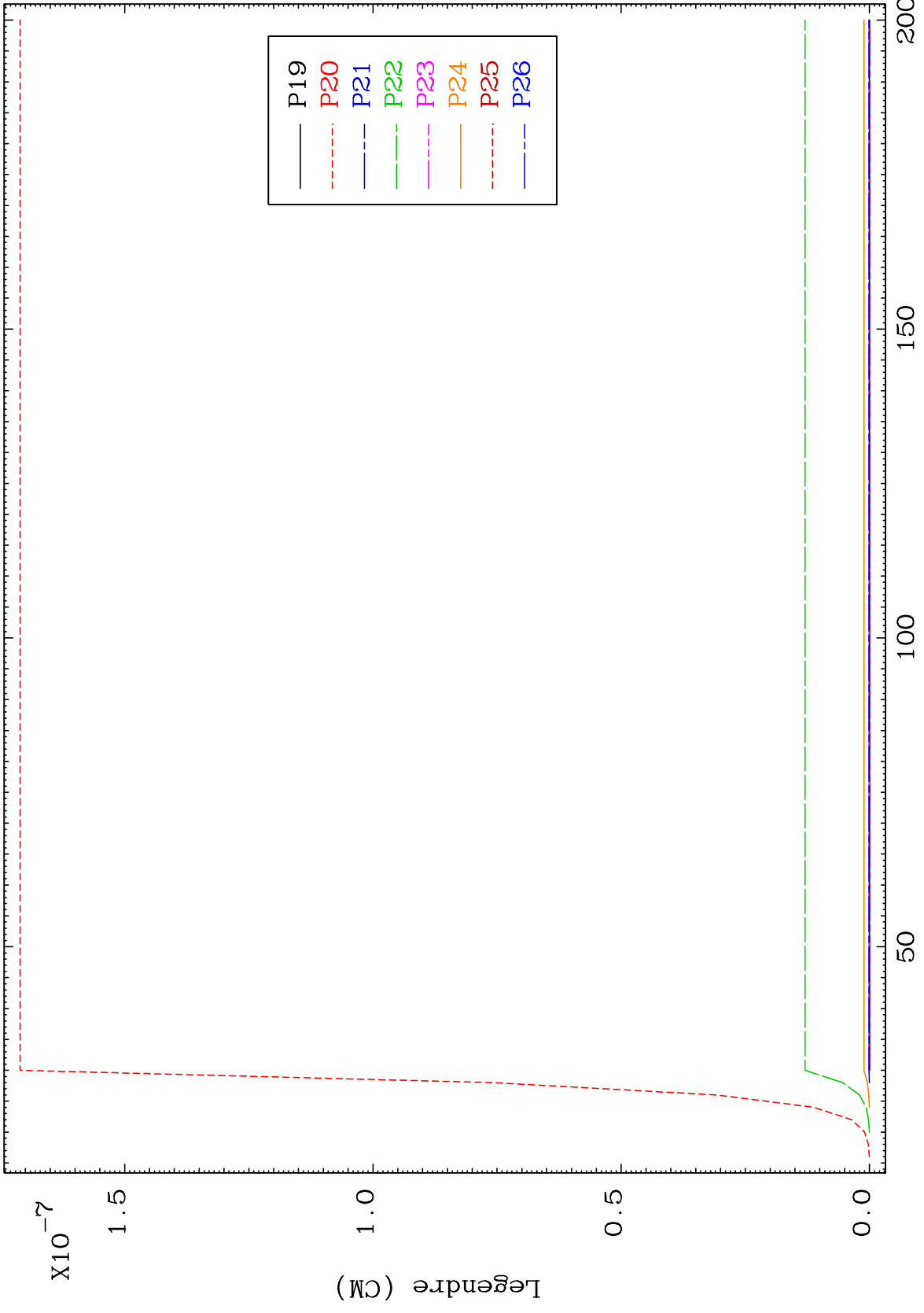


74

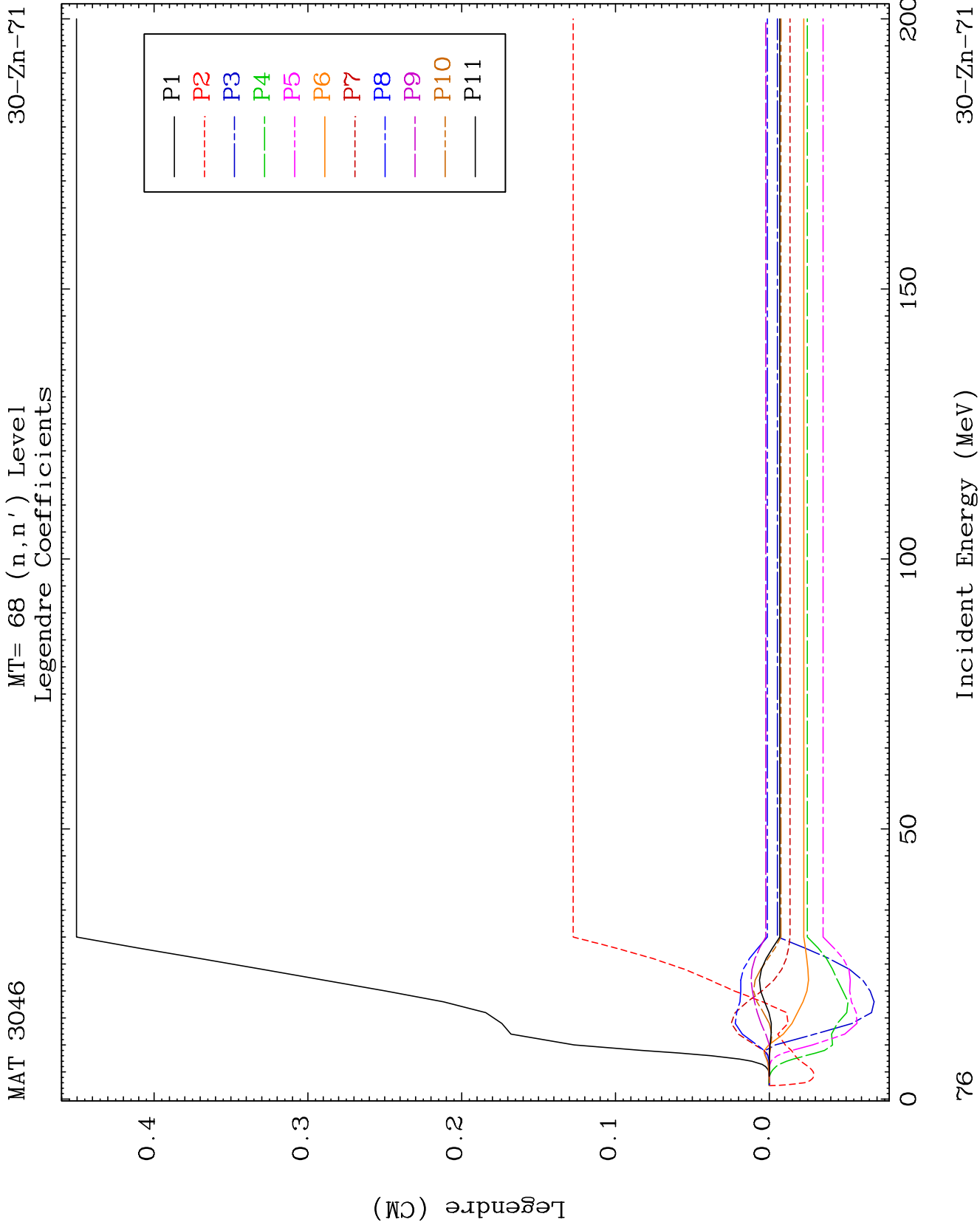
Incident Energy (MeV)

30-Zn-71

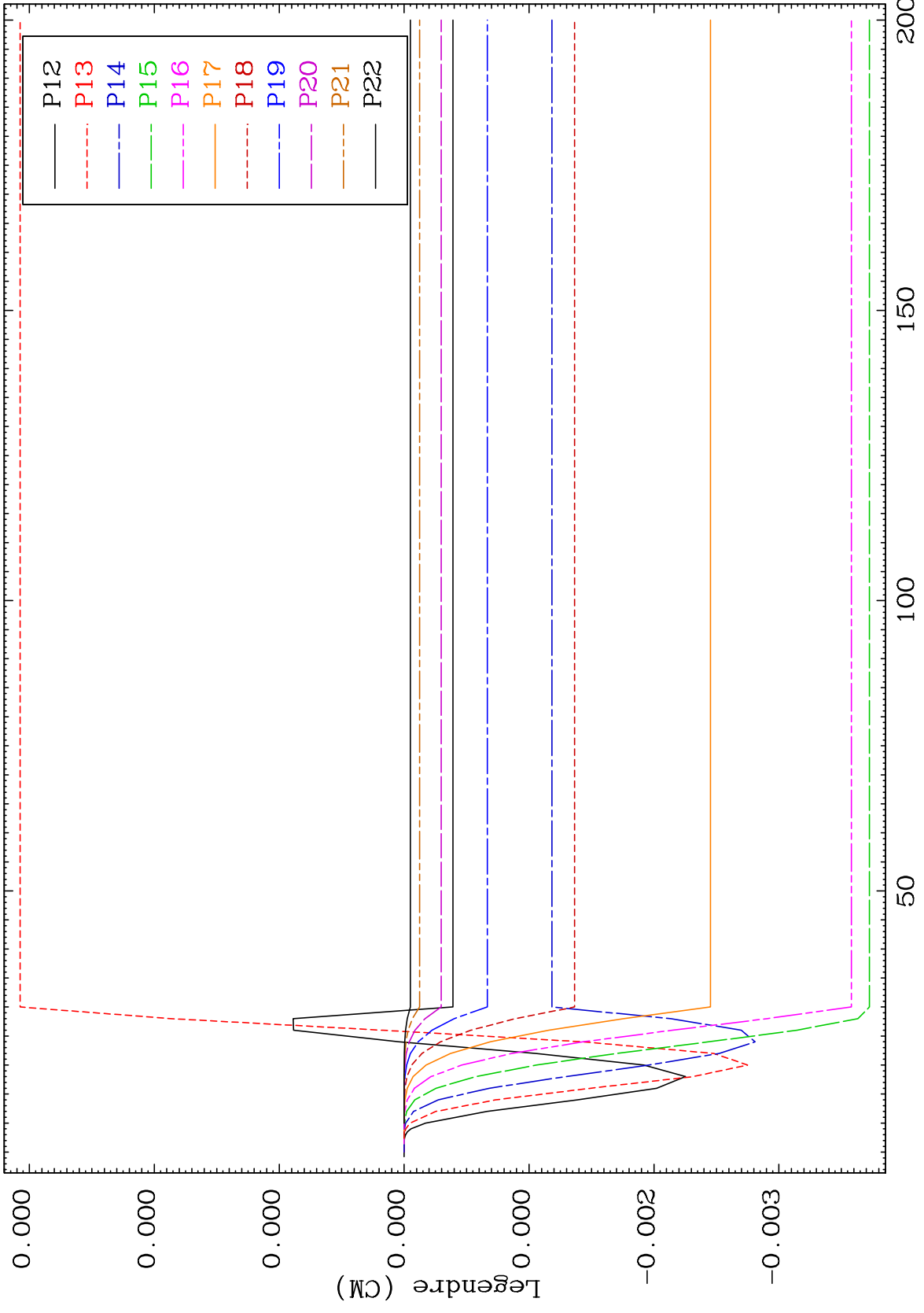
MAT 3046 MT= 67 (n,n') Level Legendre Coefficients 30-Zn-71



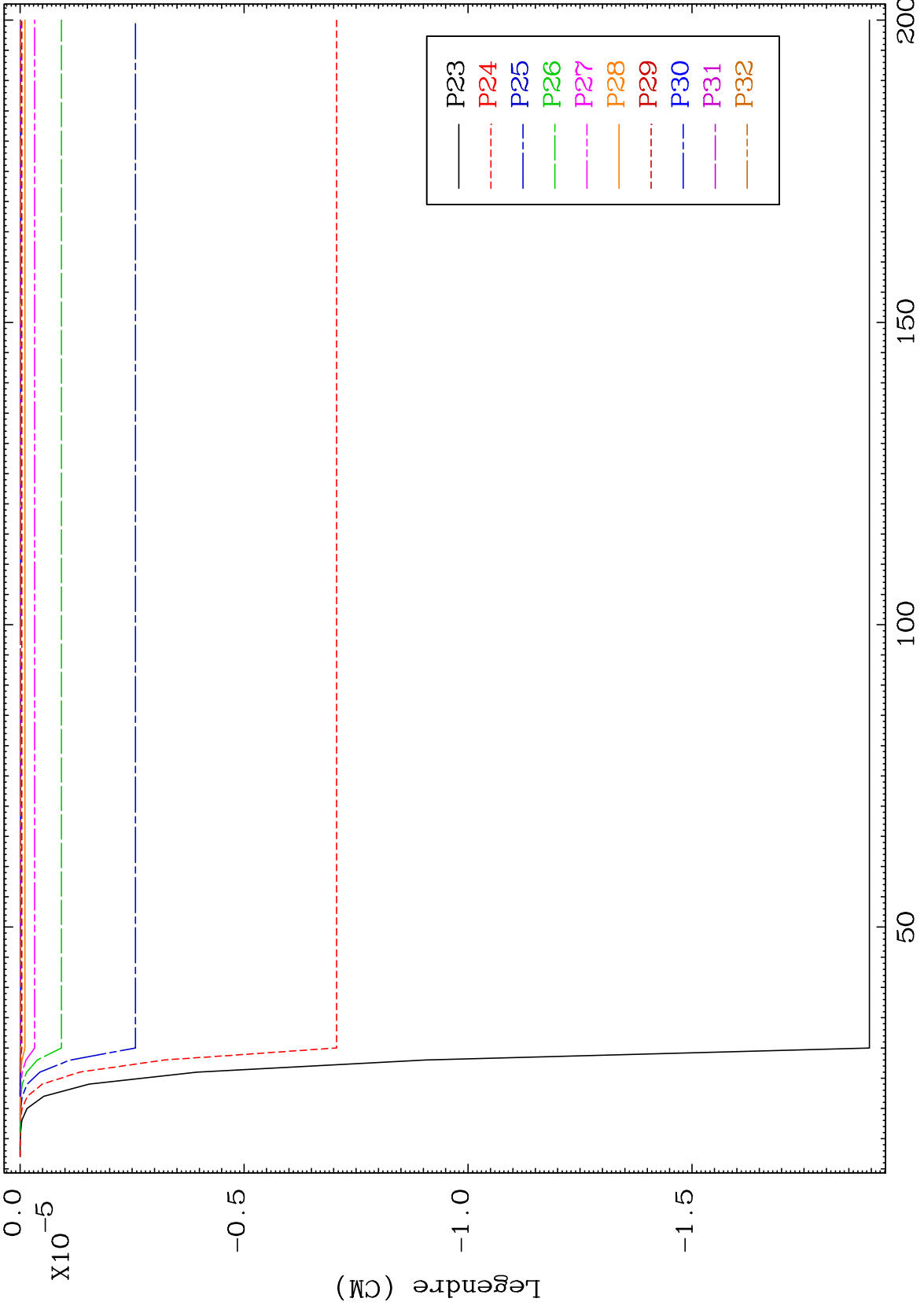
75 50 100 150 200 30-Zn-71



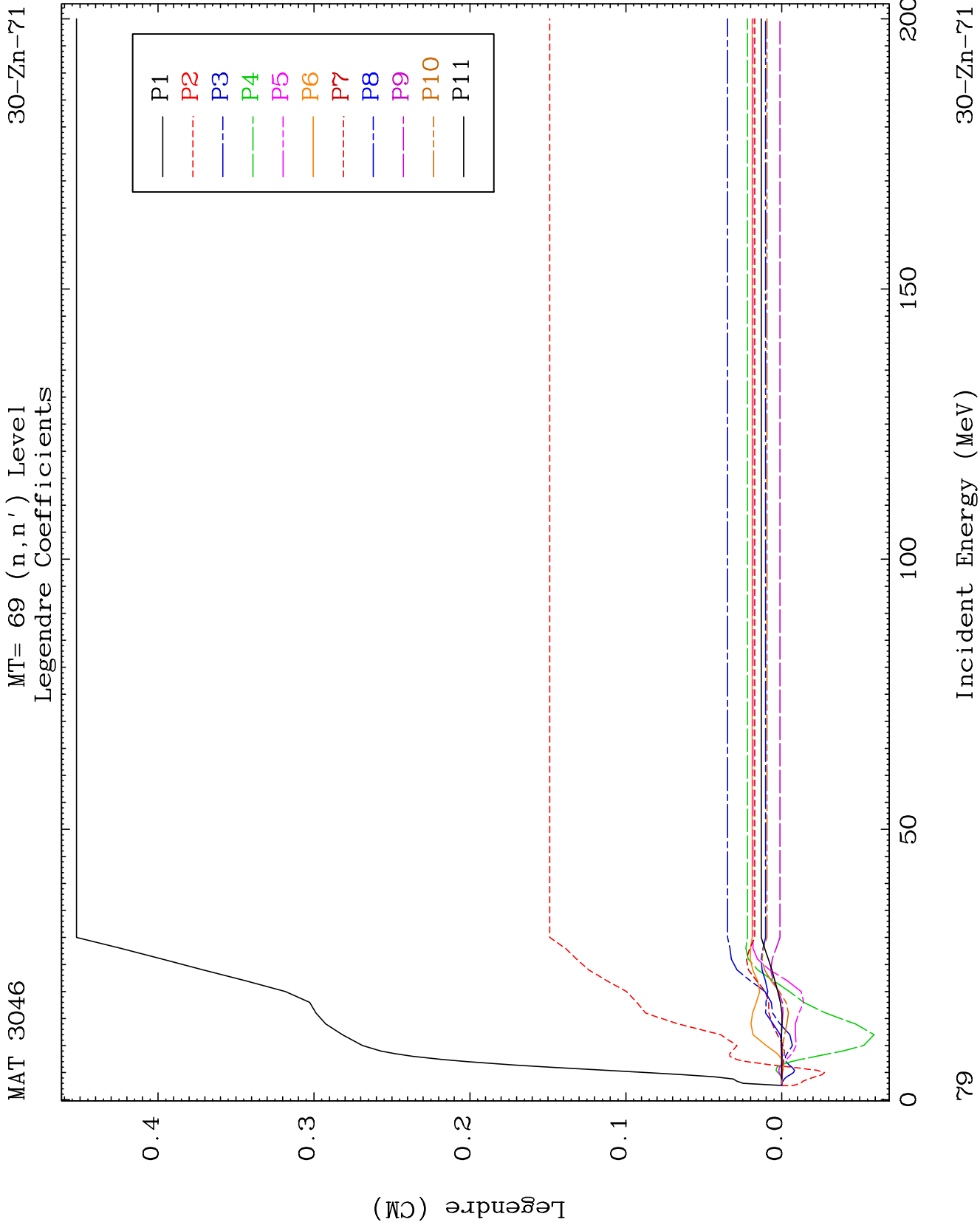
MAT 3046 MT= 68 (n,n') Level Legendre Coefficients 30-Zn-71



MAT 3046 MT= 68 (n,n') Level Legendre Coefficients 30-Zn-71



78 Incident Energy (MeV) 30-Zn-71

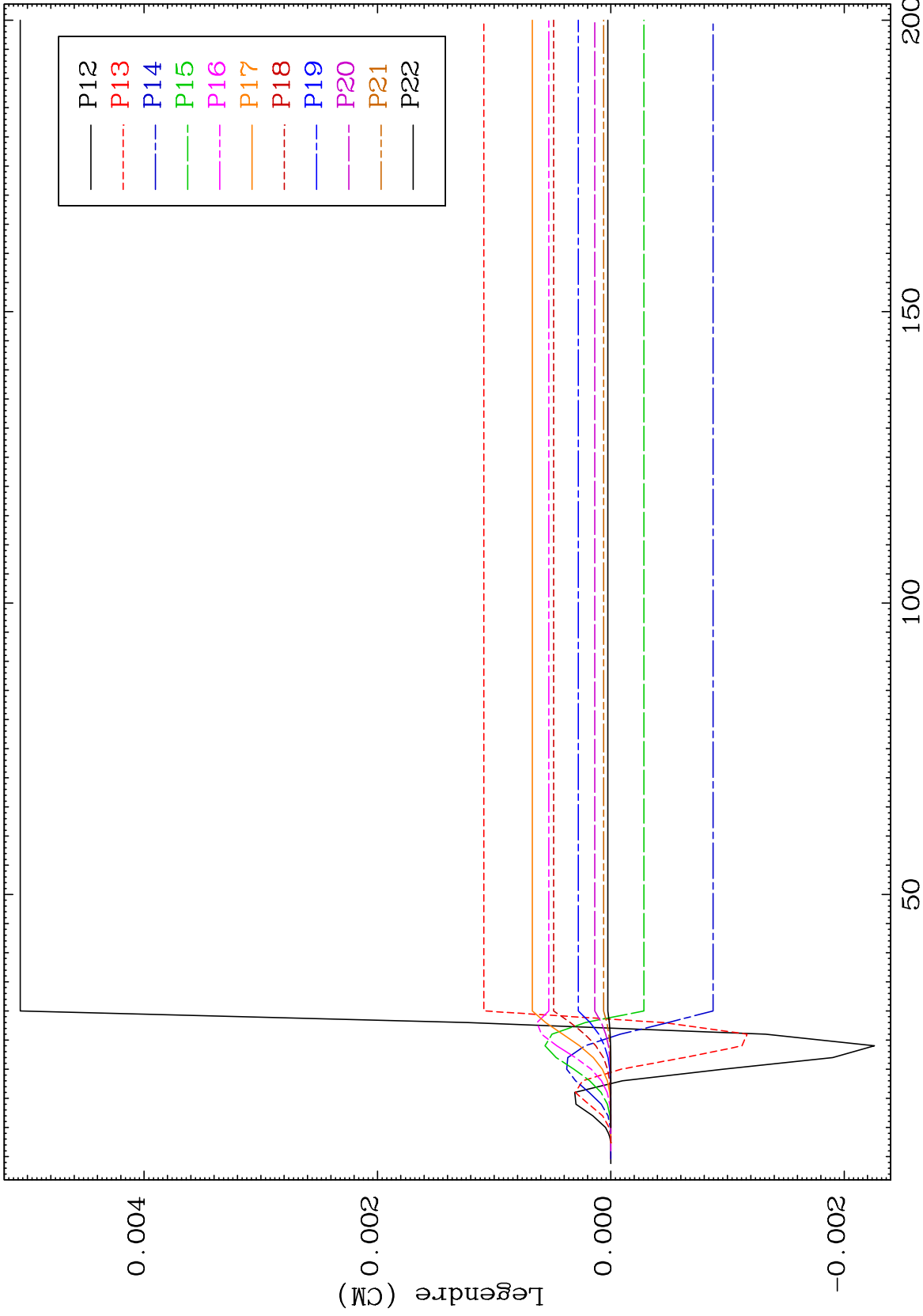




MAT 3046

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

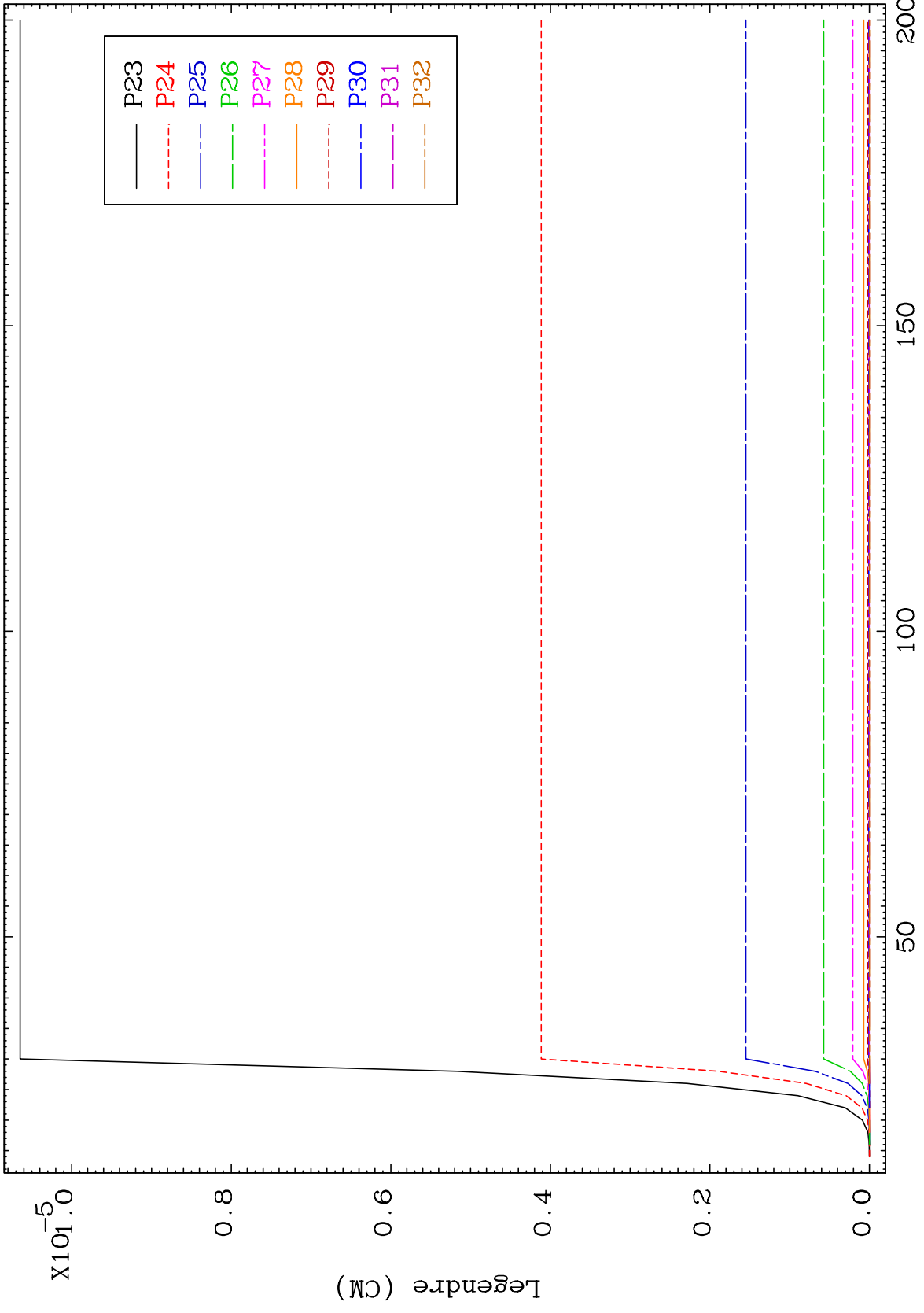
30-Zn-71



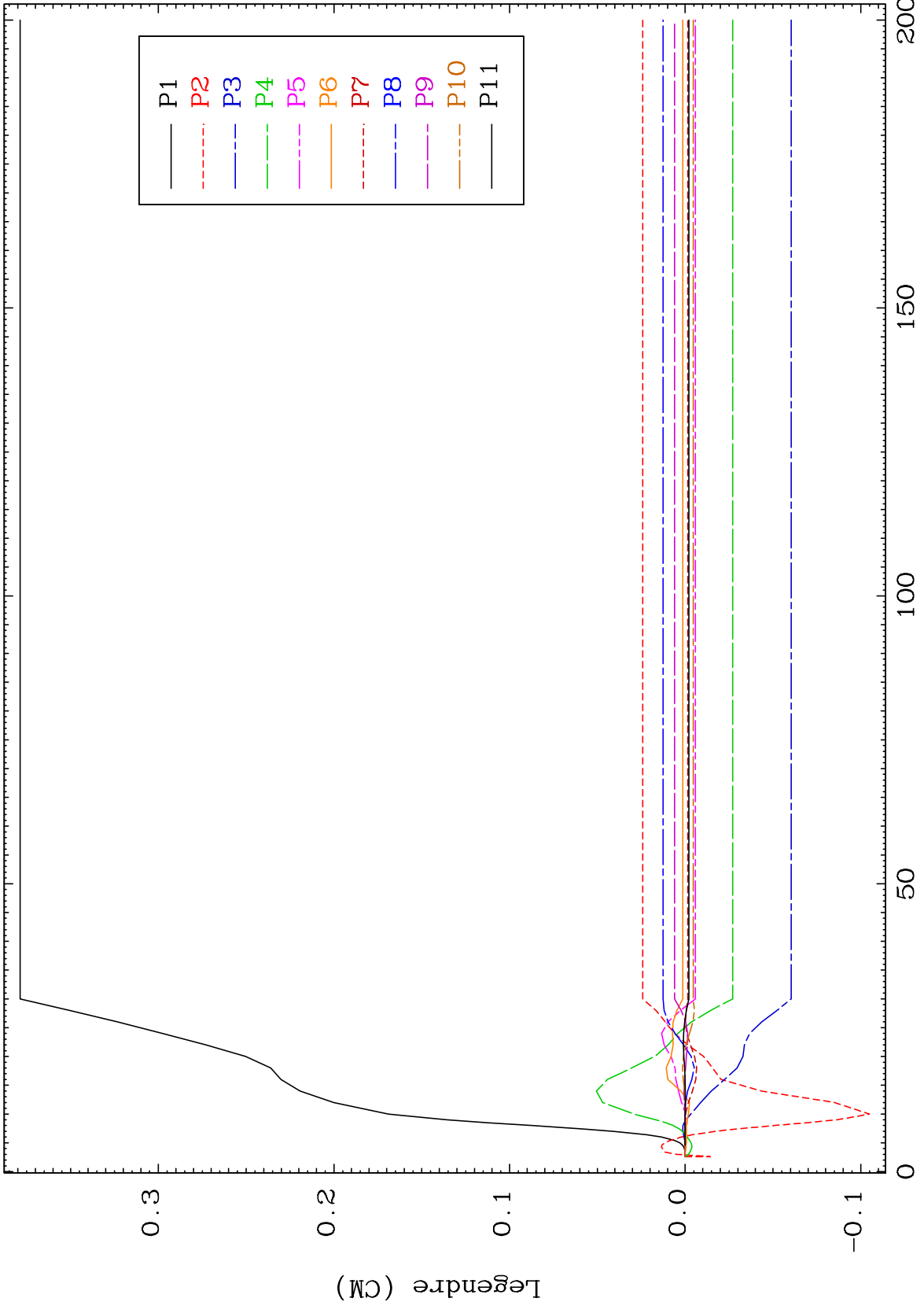
80

Incident Energy (MeV)

30-Zn-71

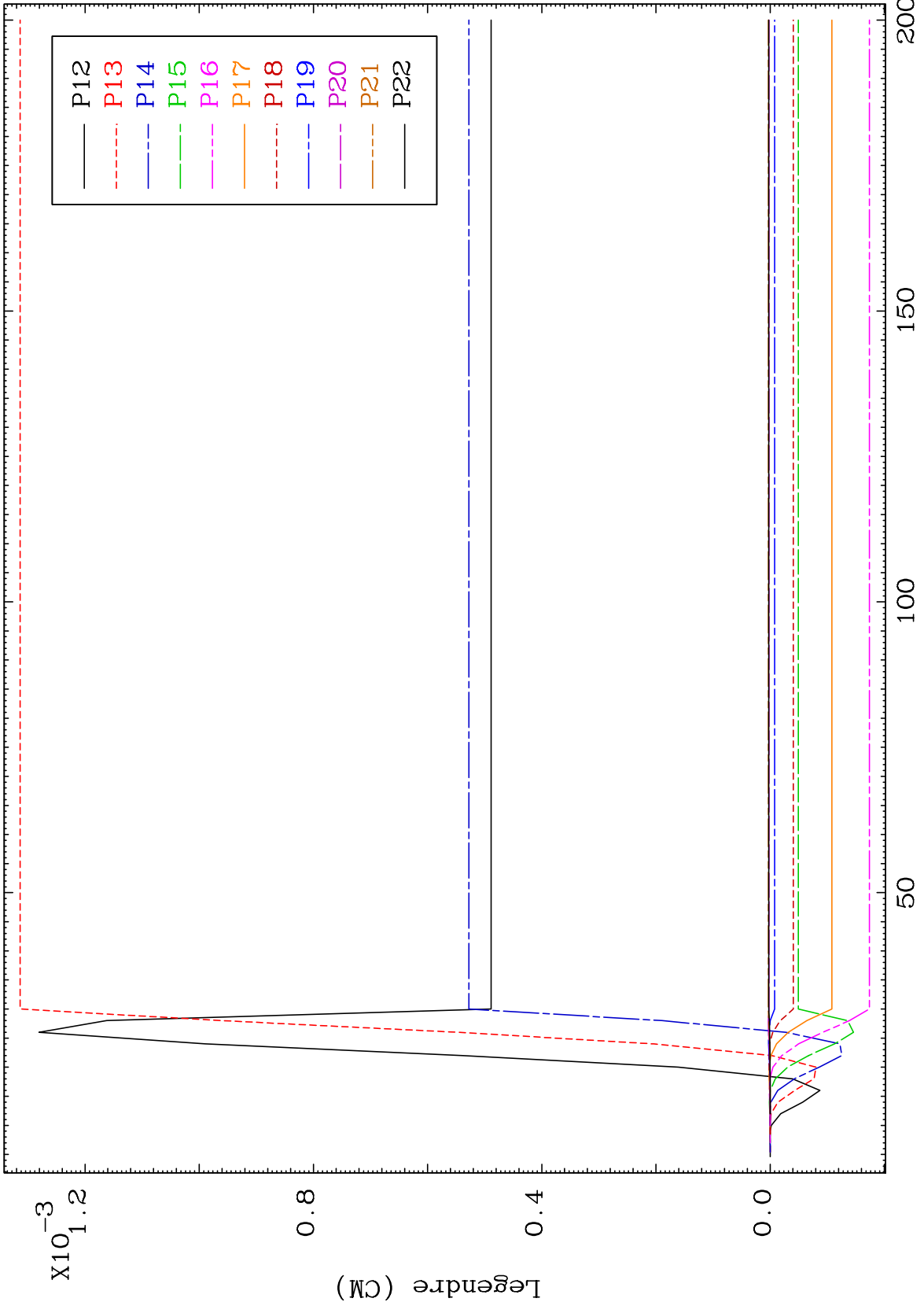


MAT 3046 MT= 70 (n,n') Level Legendre Coefficients 30-Zn-71

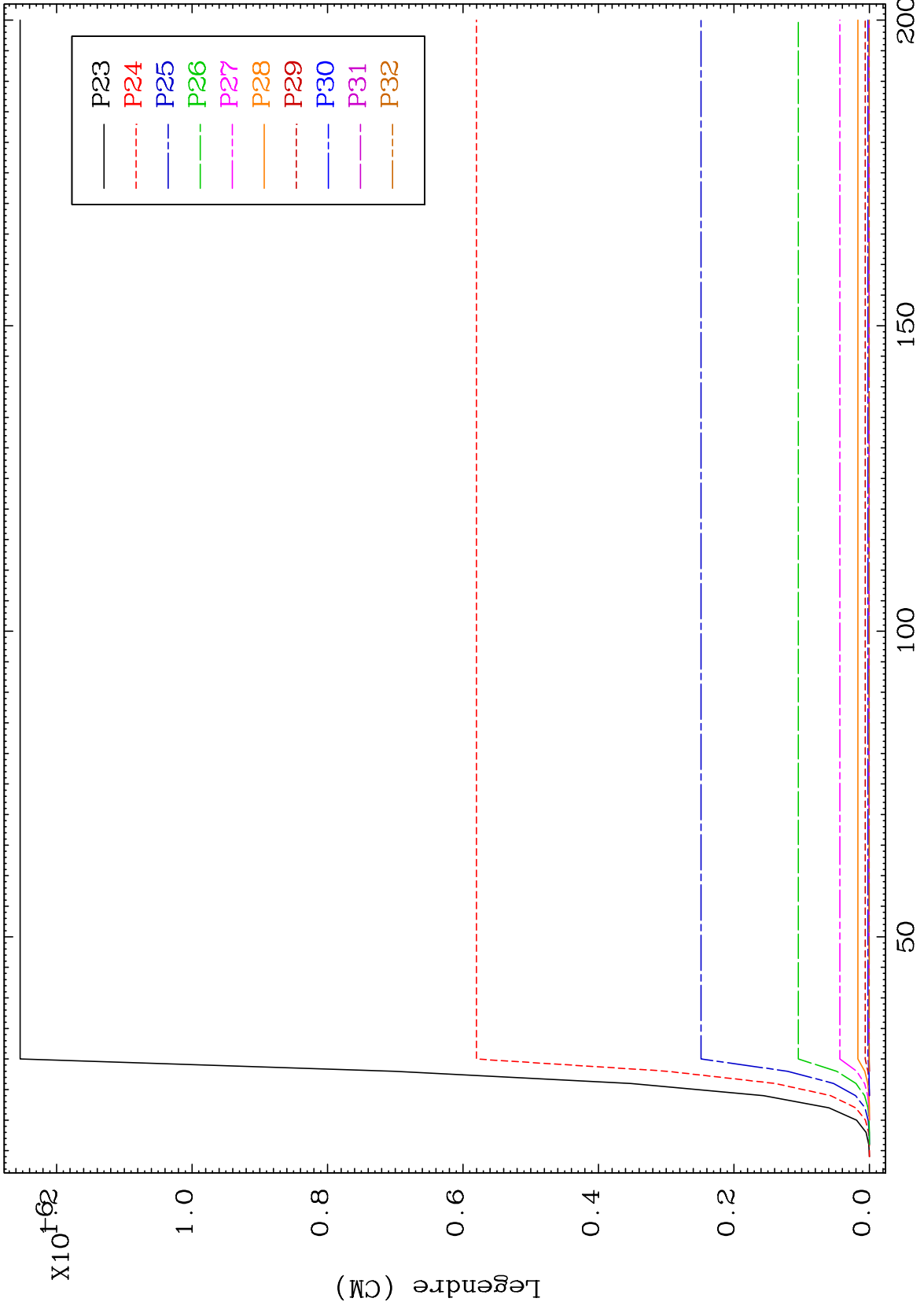


82 30-Zn-71

MAT 3046 MT= 70 (n,n') Level Legendre Coefficients 30-Zn-71



MAT 3046 MT= 70 (n,n') Level Legendre Coefficients 30-Zn-71

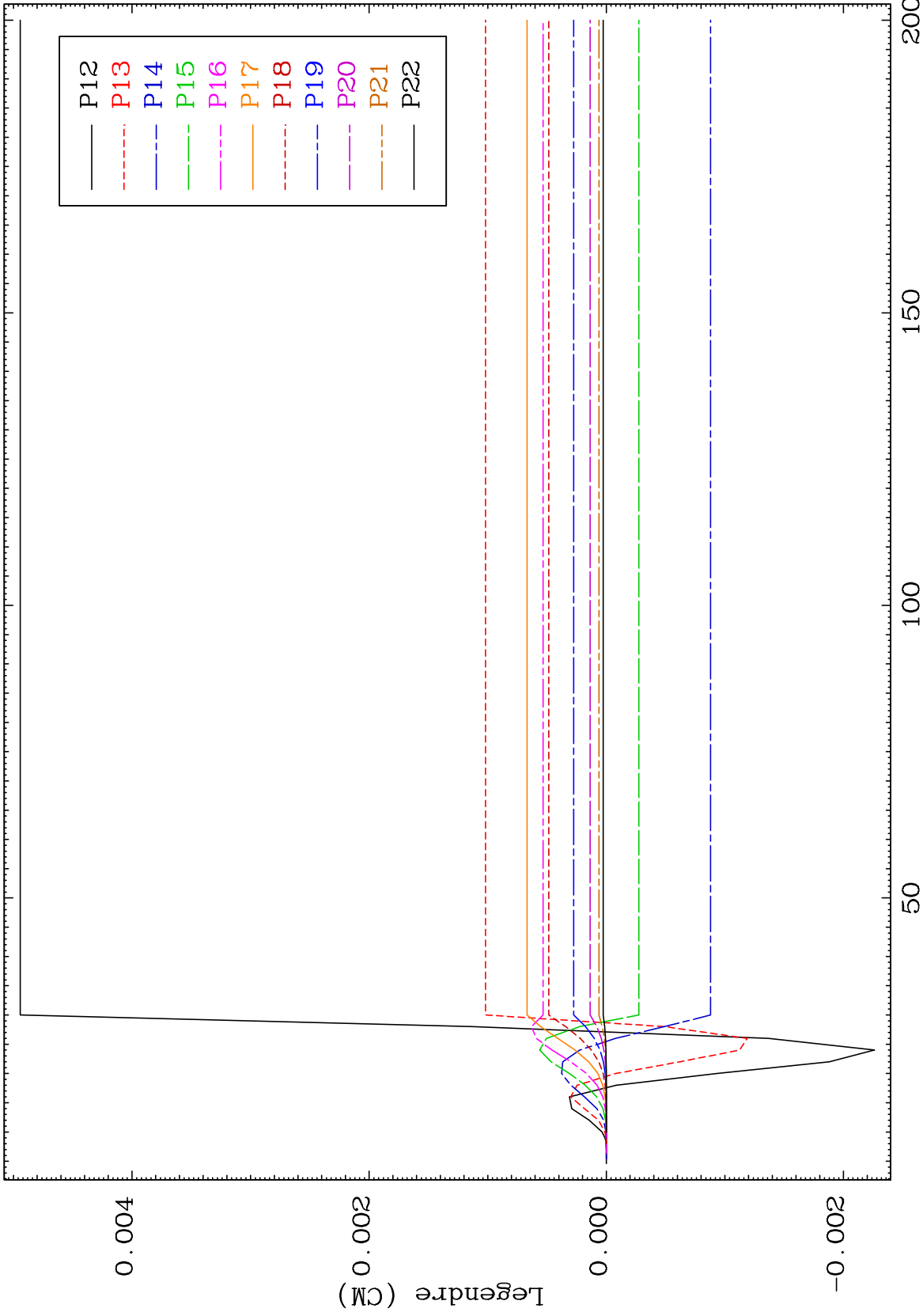




MAT 3046

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

30-Zn-71



86

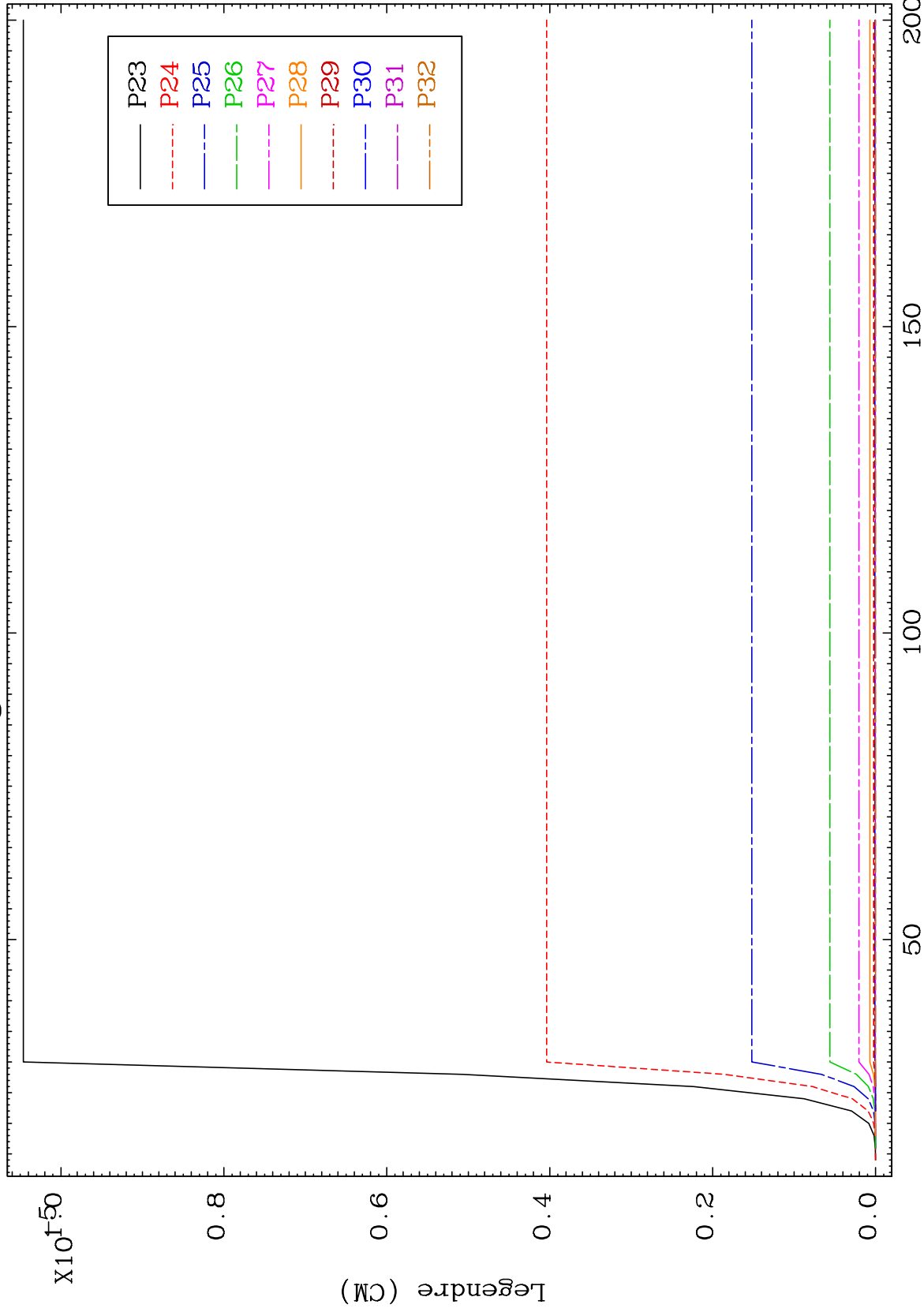
Incident Energy (MeV)

30-Zn-71

MAT 3046

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

30-Zn-71



87

Incident Energy (MeV)

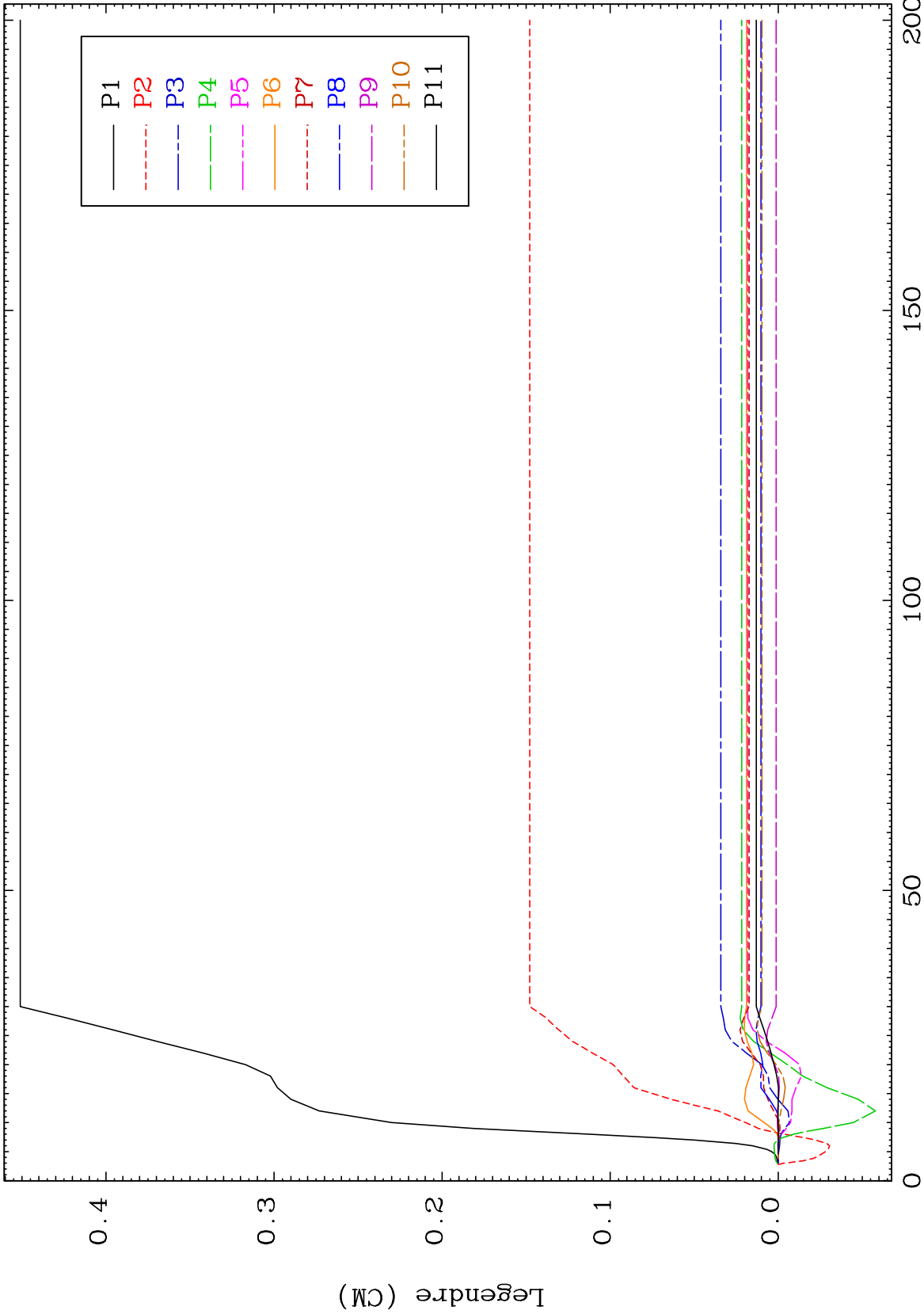
30-Zn-71



MAT 3046

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

30-Zn-71



88

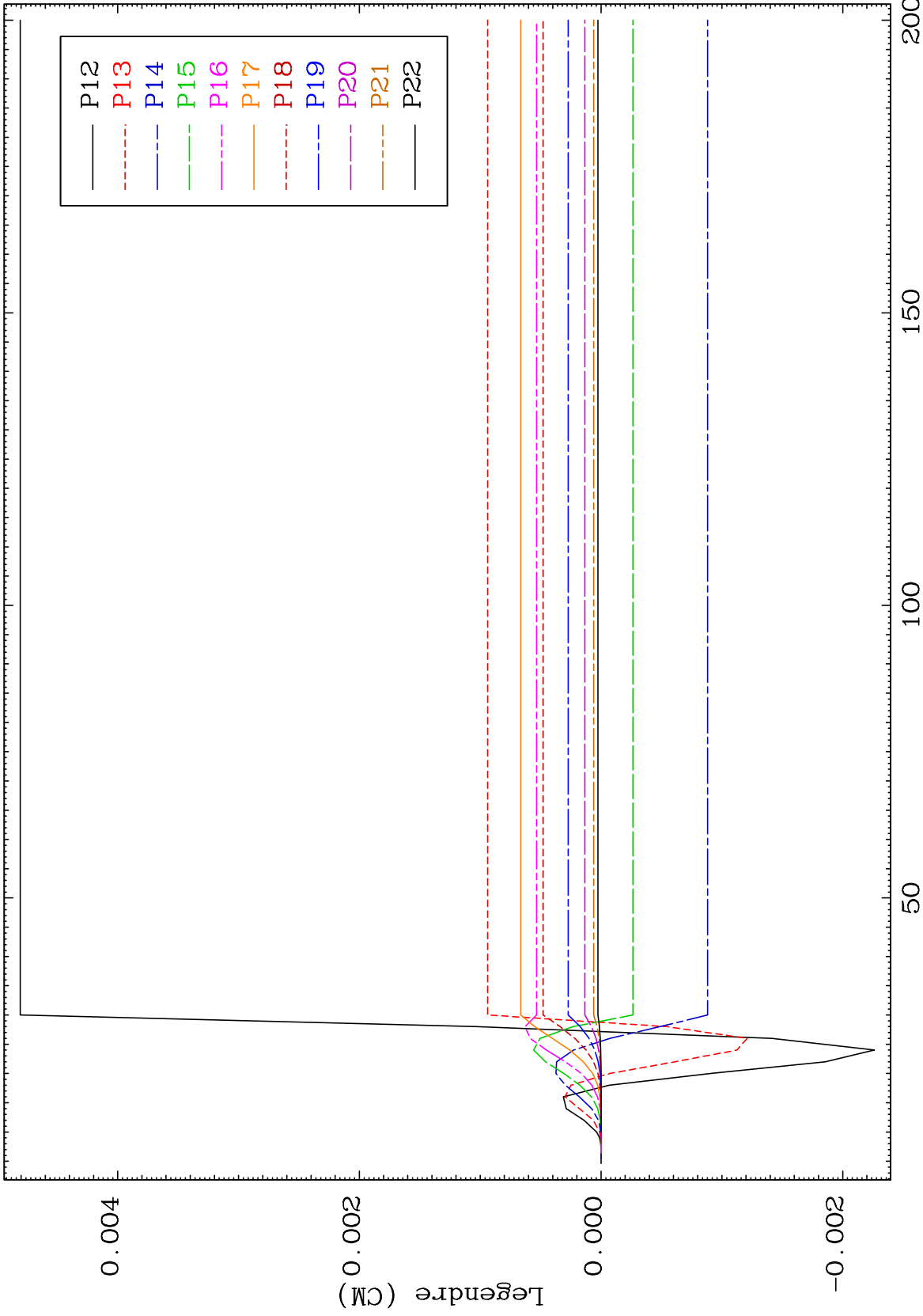
Incident Energy (MeV)

30-Zn-71

MAT 3046

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

30-Zn-71



89

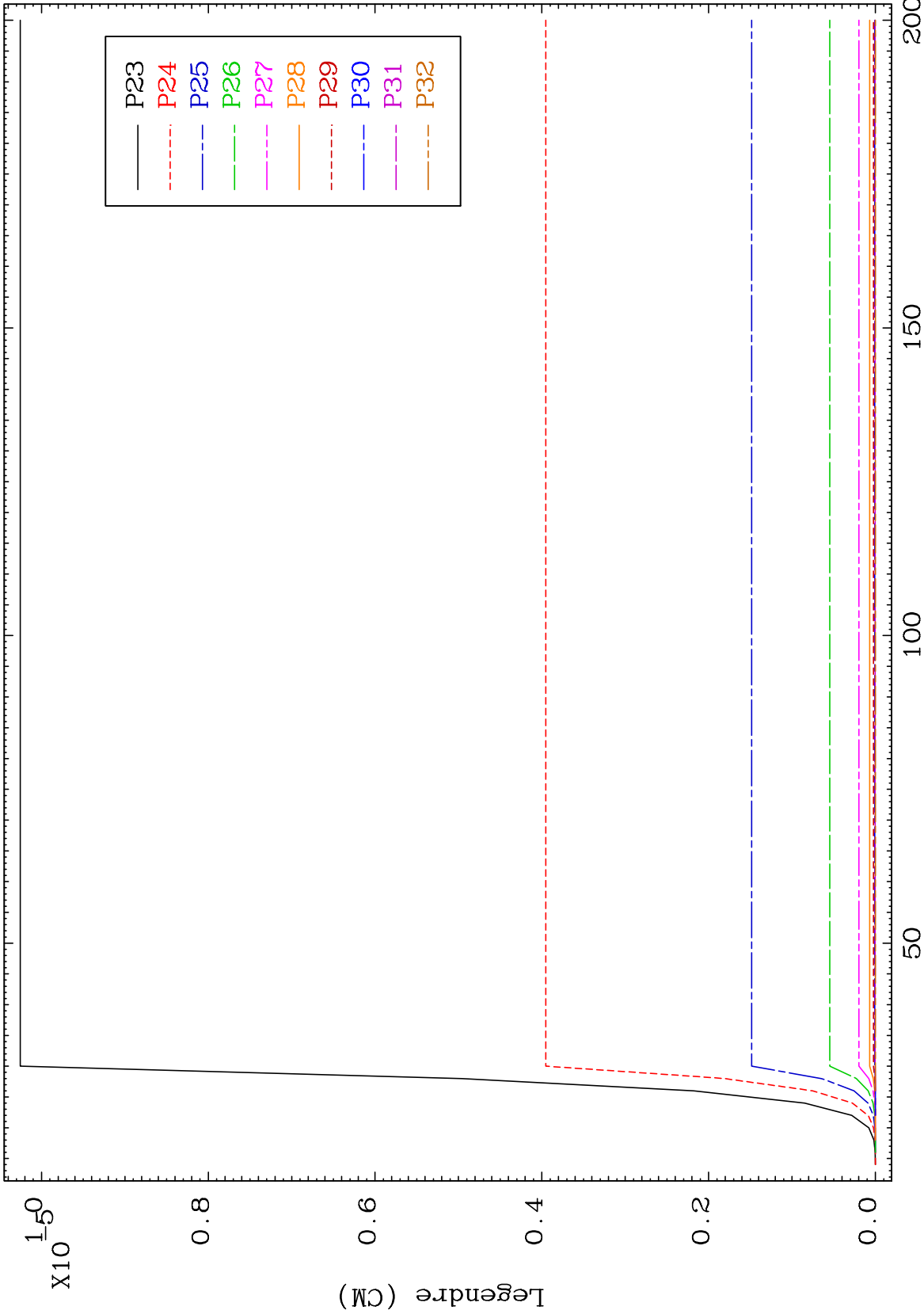
Incident Energy (MeV)

30-Zn-71

MAT 3046

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

30-Zn-71



90

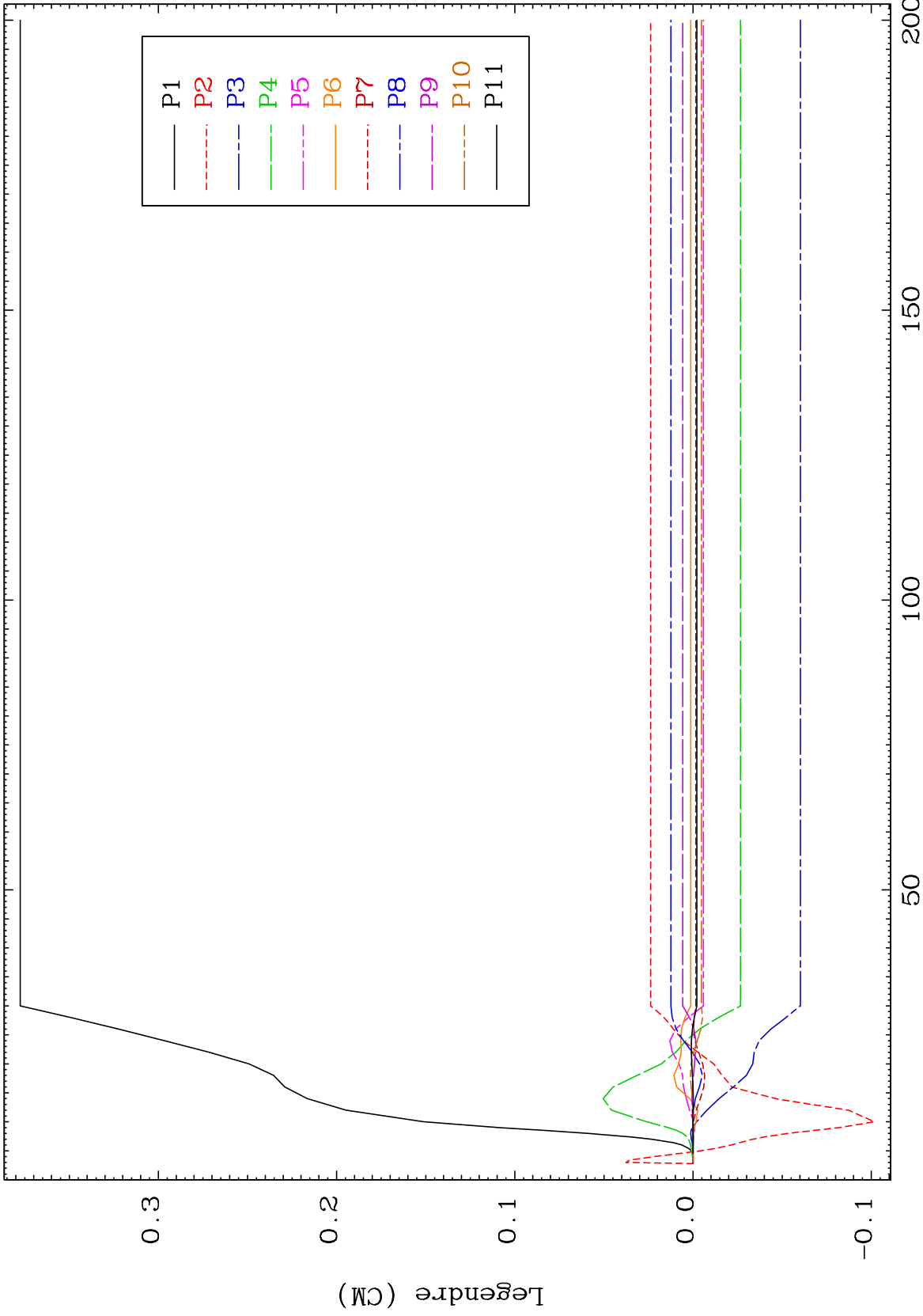
Incident Energy (MeV)

30-Zn-71

MAT 3046

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

30-Zn-71

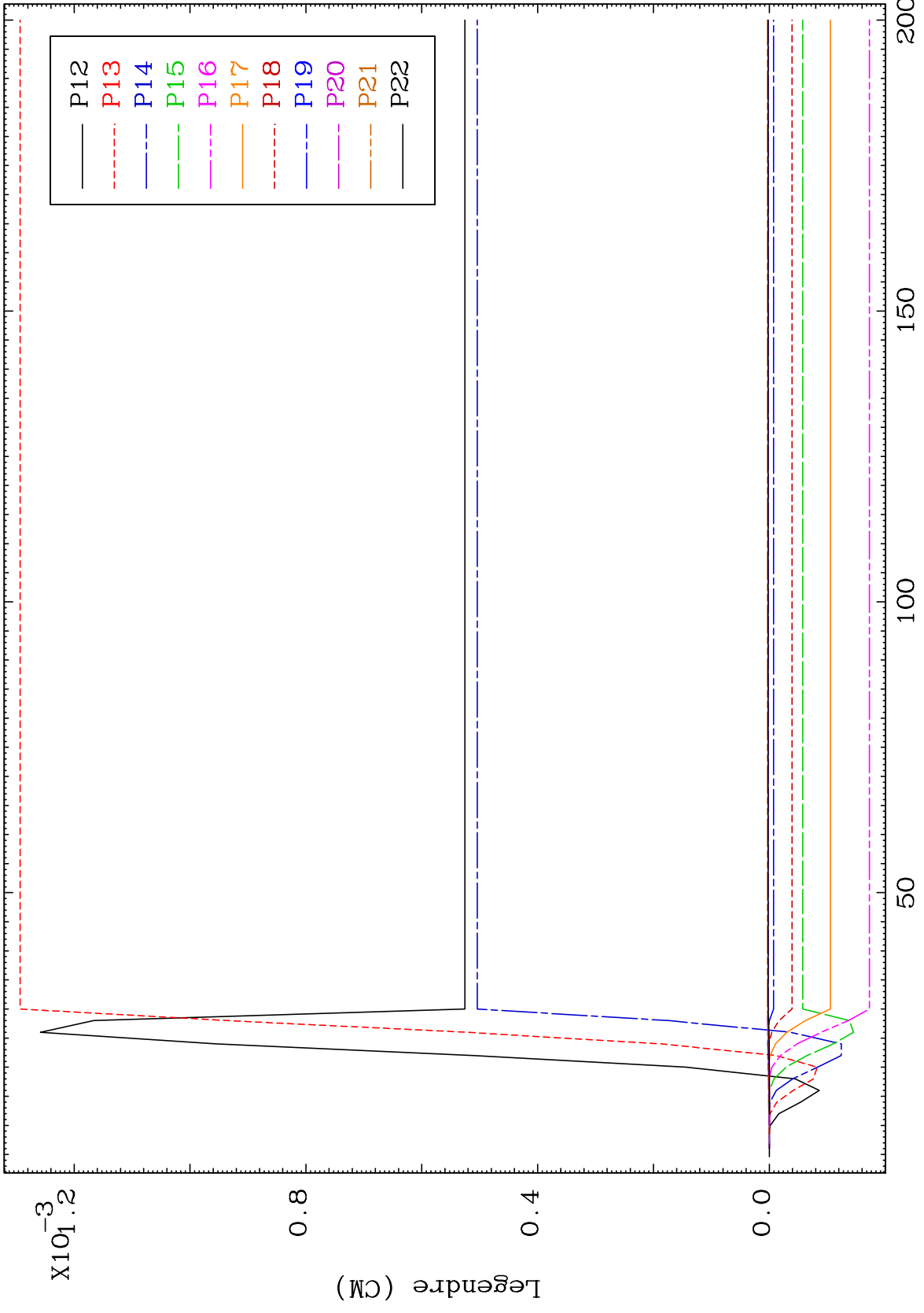


91

Incident Energy (MeV)

30-Zn-71

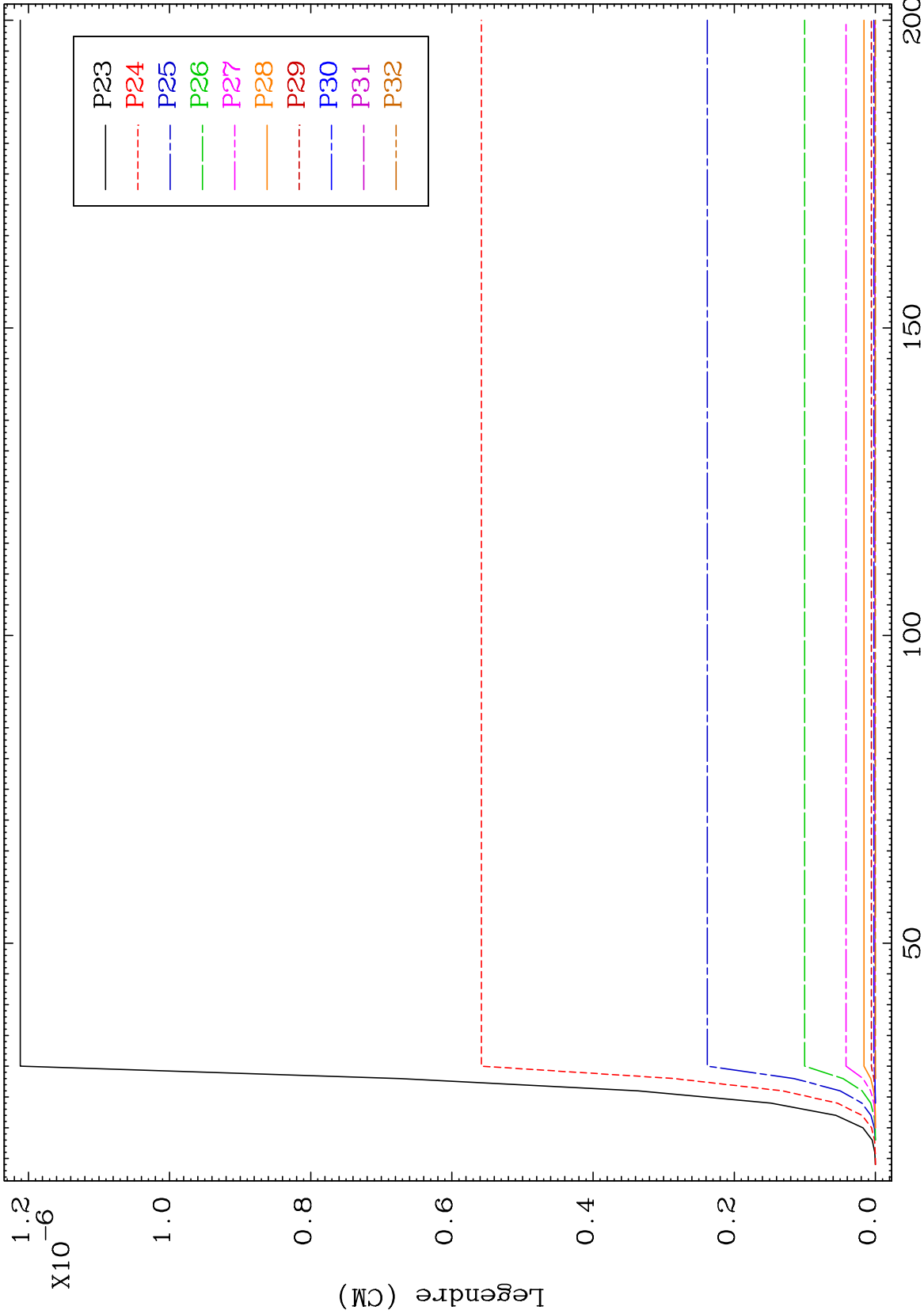
MAT 3046 MT= 73 (n,n') Level Legendre Coefficients 30-Zn-71



MAT 3046

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

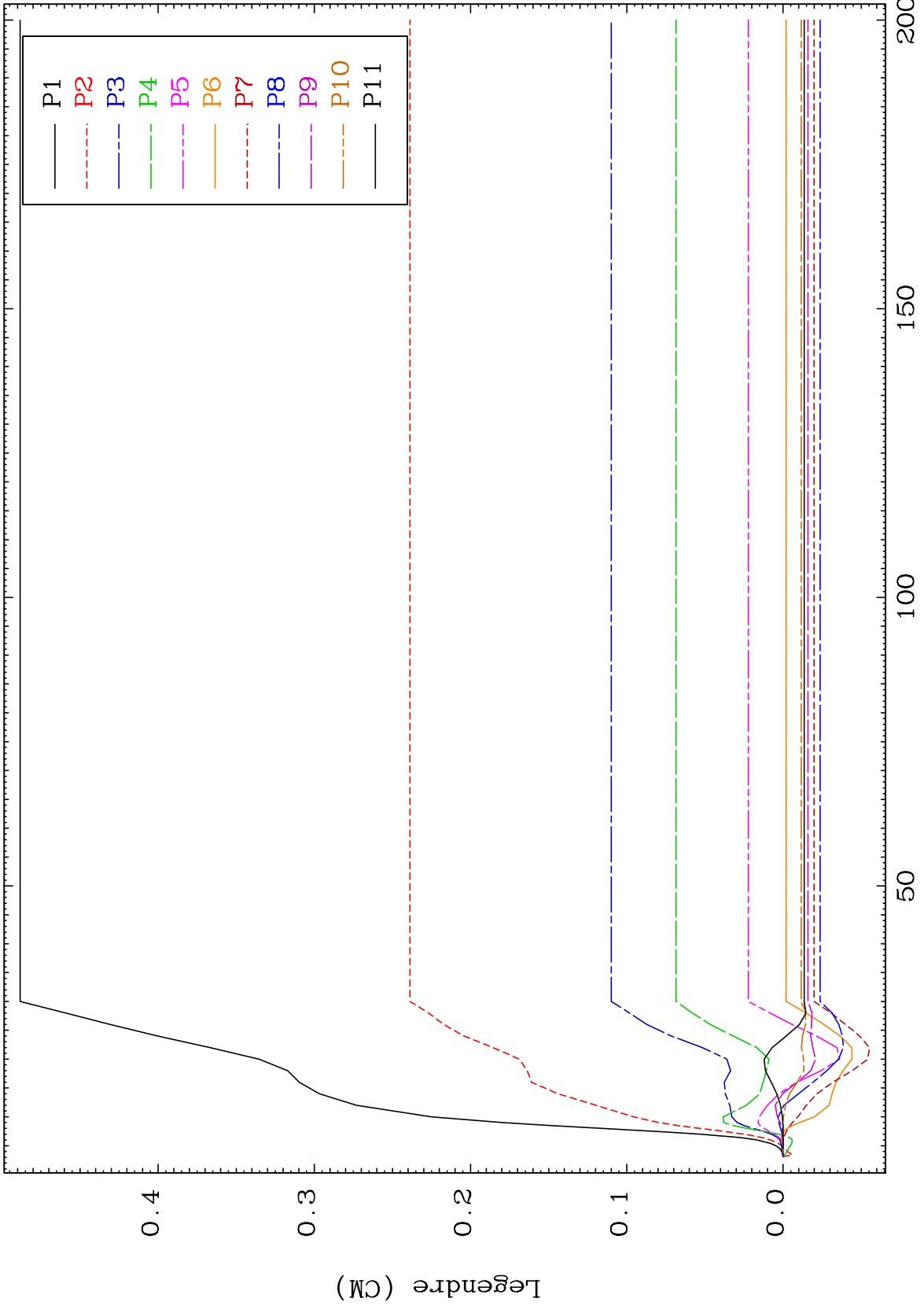
30-Zn-71

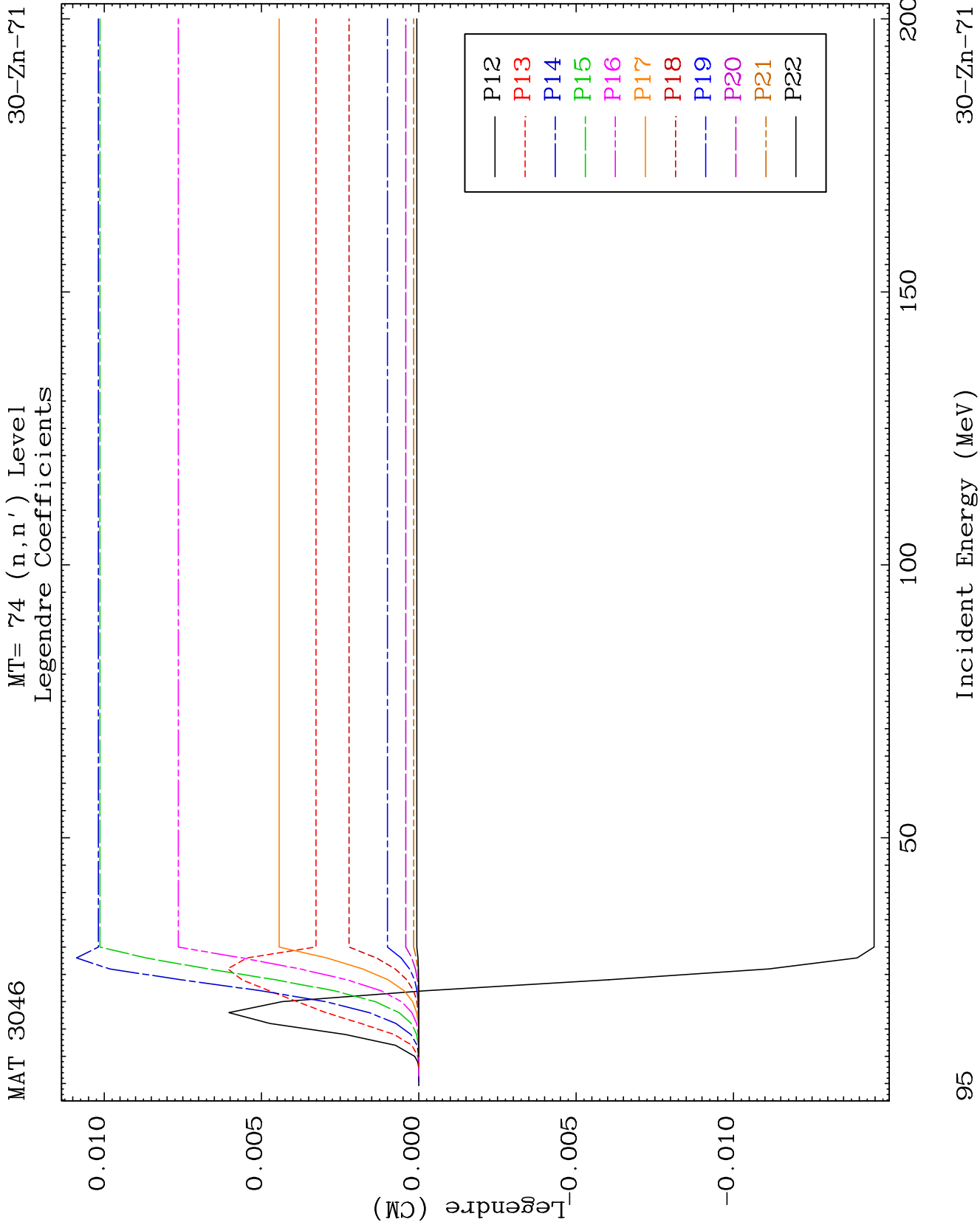


93

30-Zn-71

MAT 3046 MT= 74 (n,n') Level Legendre Coefficients 30-Zn-71



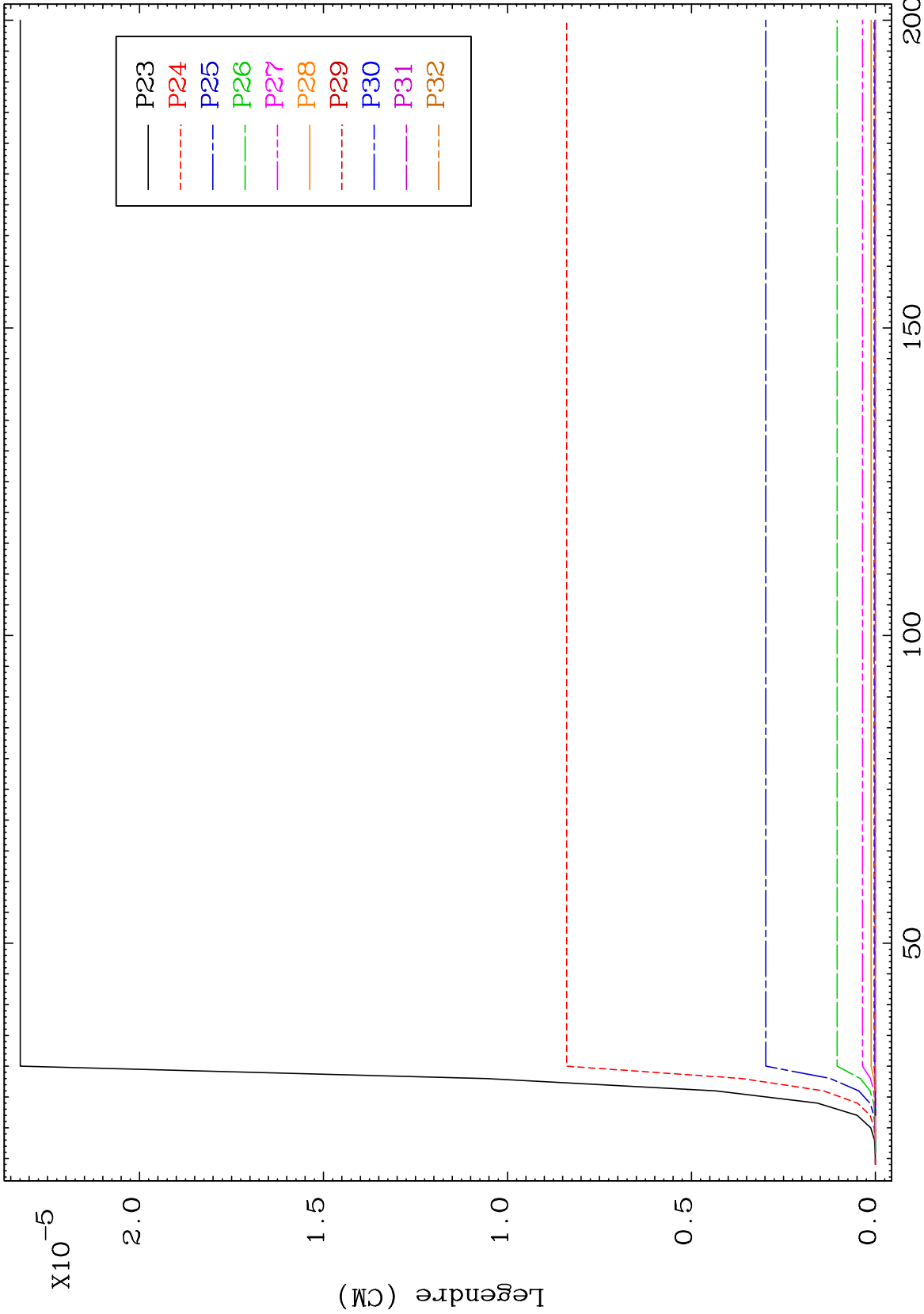




MAT 3046

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

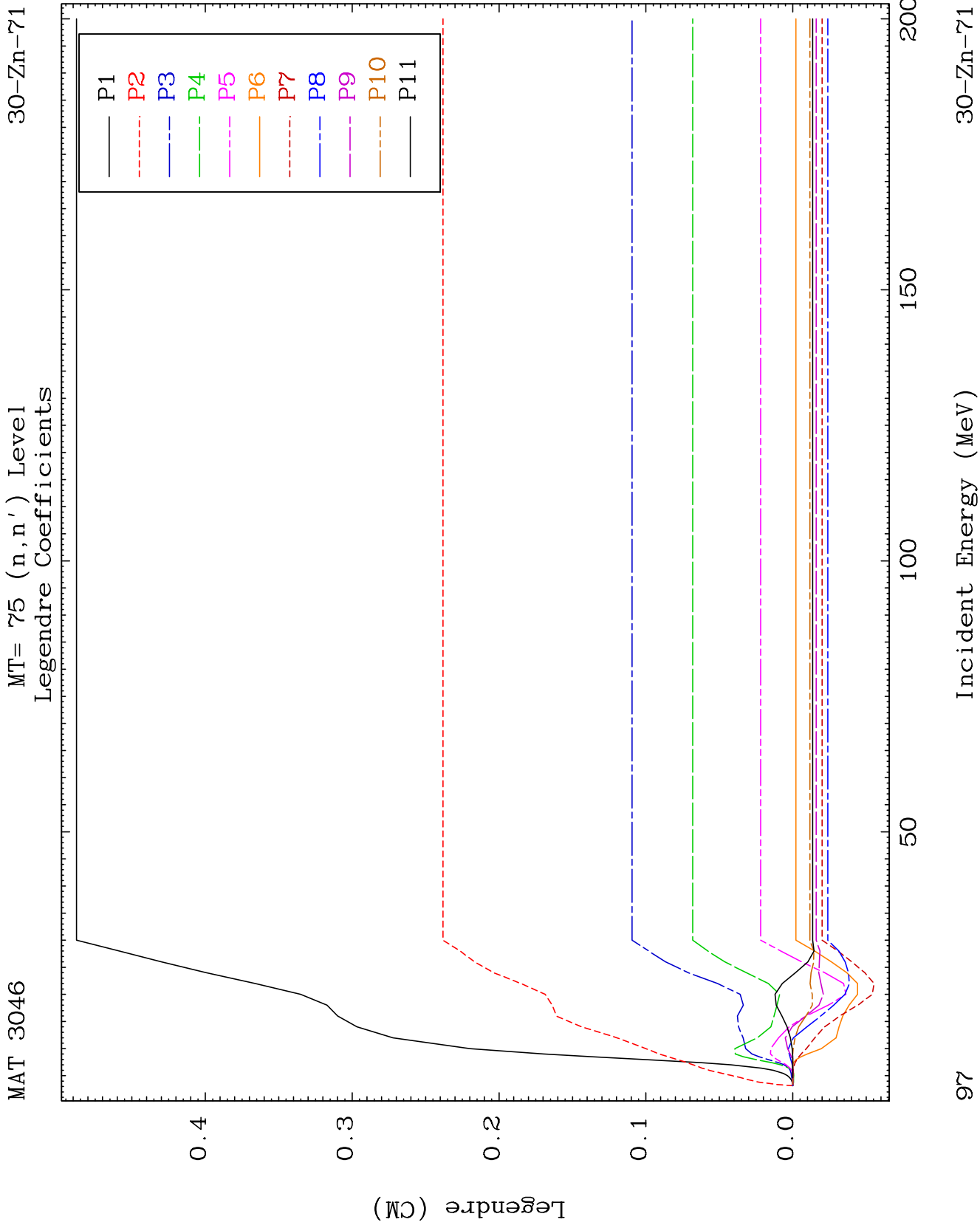
30-Zn-71

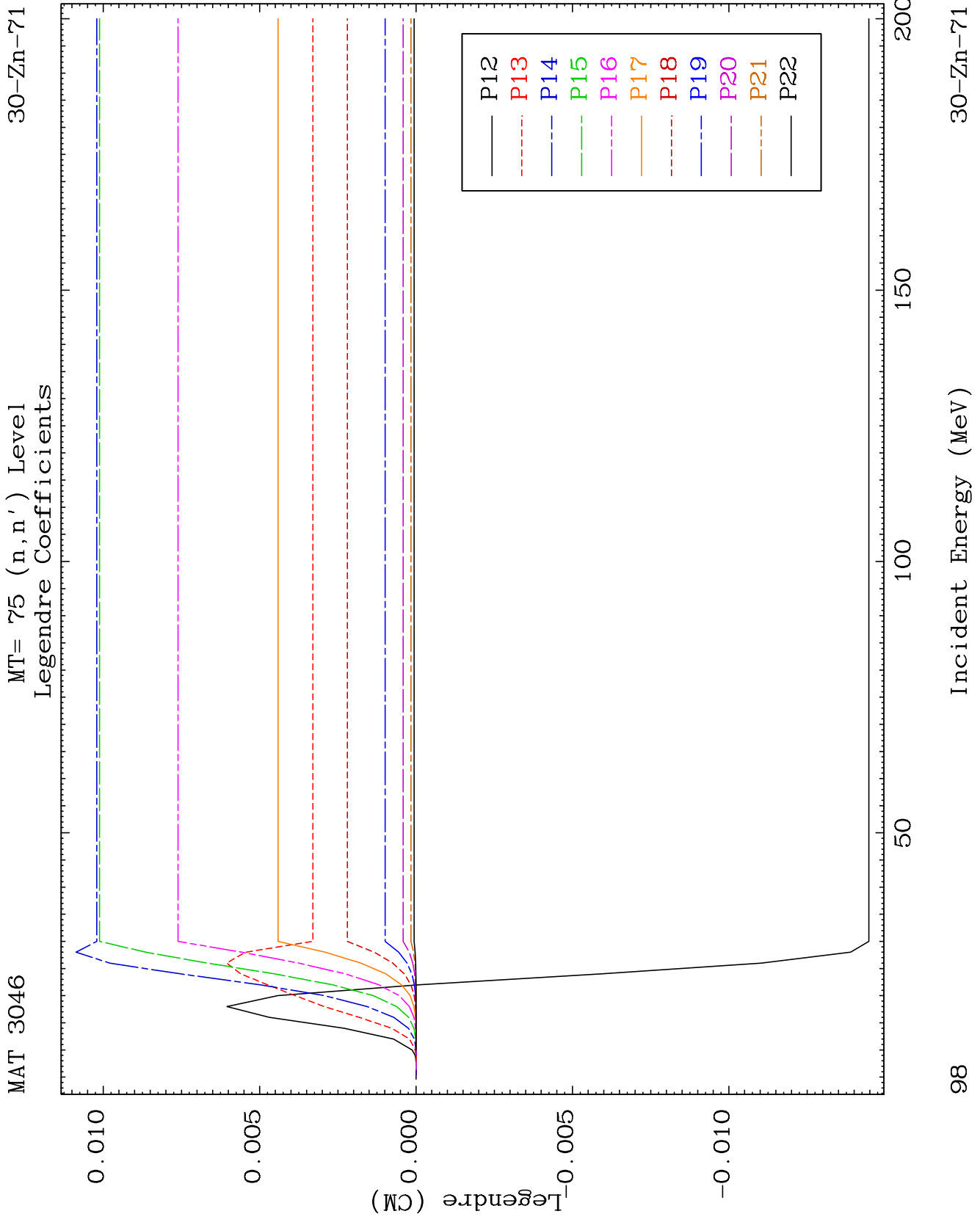


96

Incident Energy (MeV)

30-Zn-71

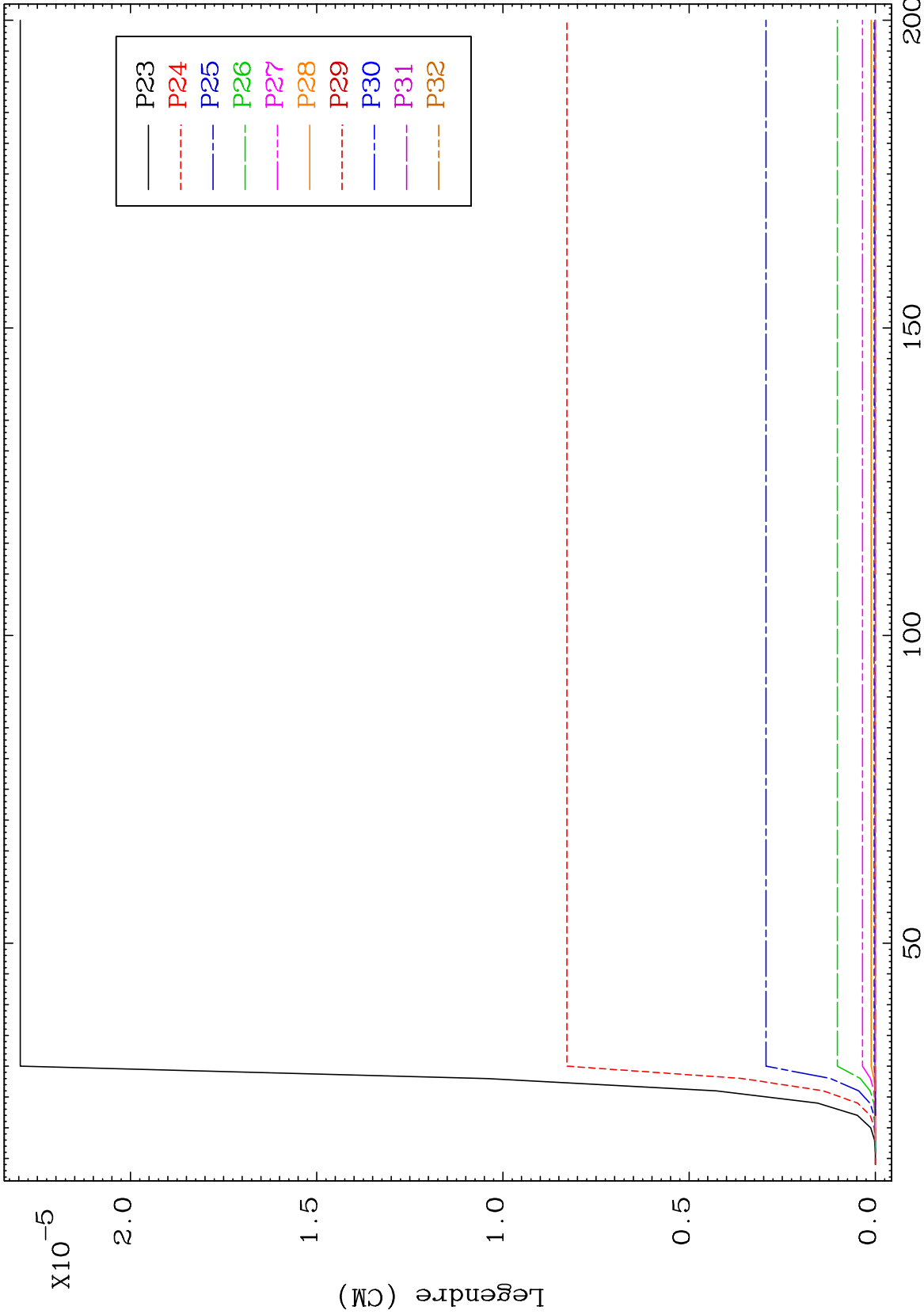




MAT 3046

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

30-Zn-71



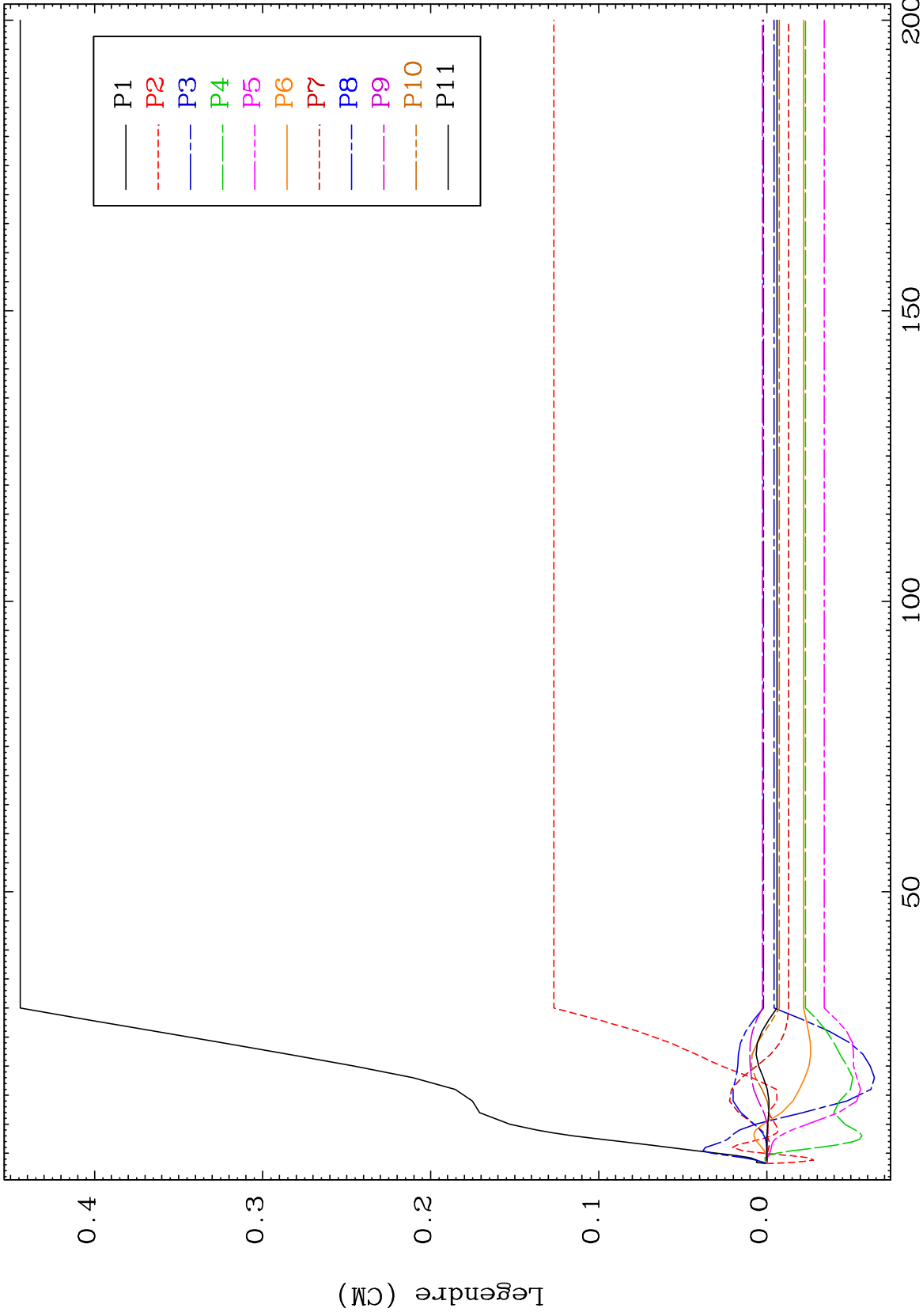
99

30-Zn-71

MAT 3046

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

30-Zn-71



100

50

100

150

200

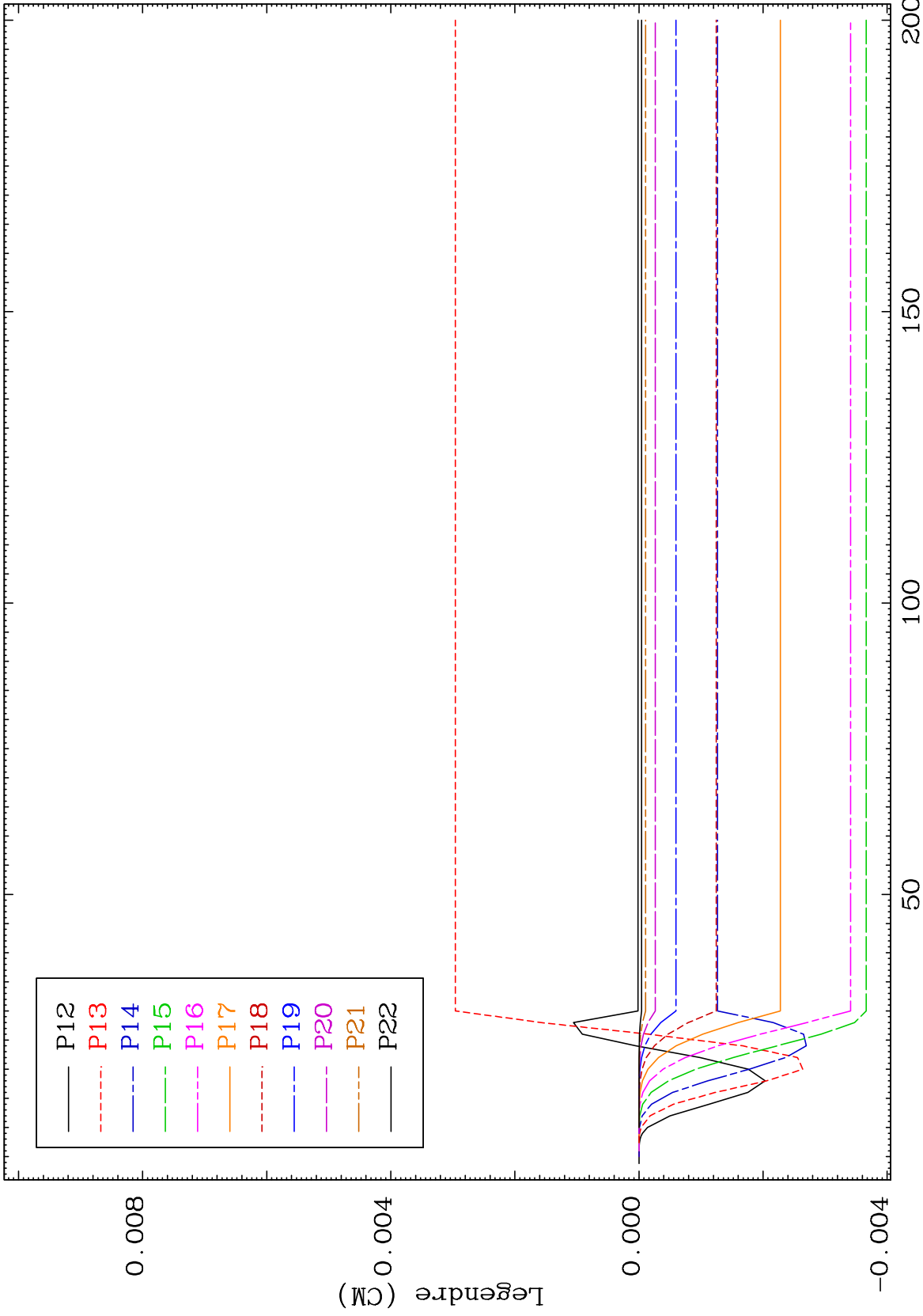
Incident Energy (MeV)

30-Zn-71

MAT 3046

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

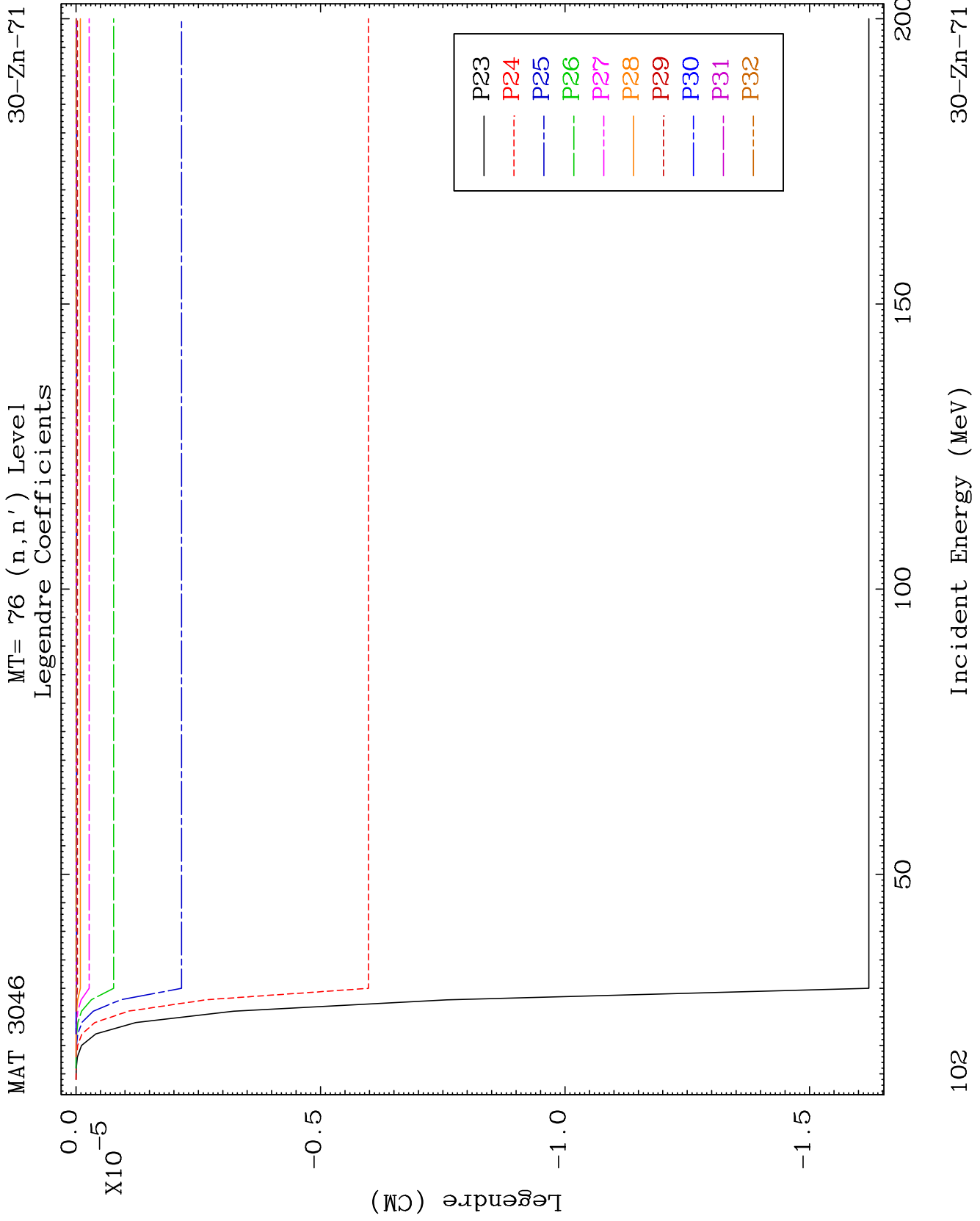
30-Zn-71



101

Incident Energy (MeV)

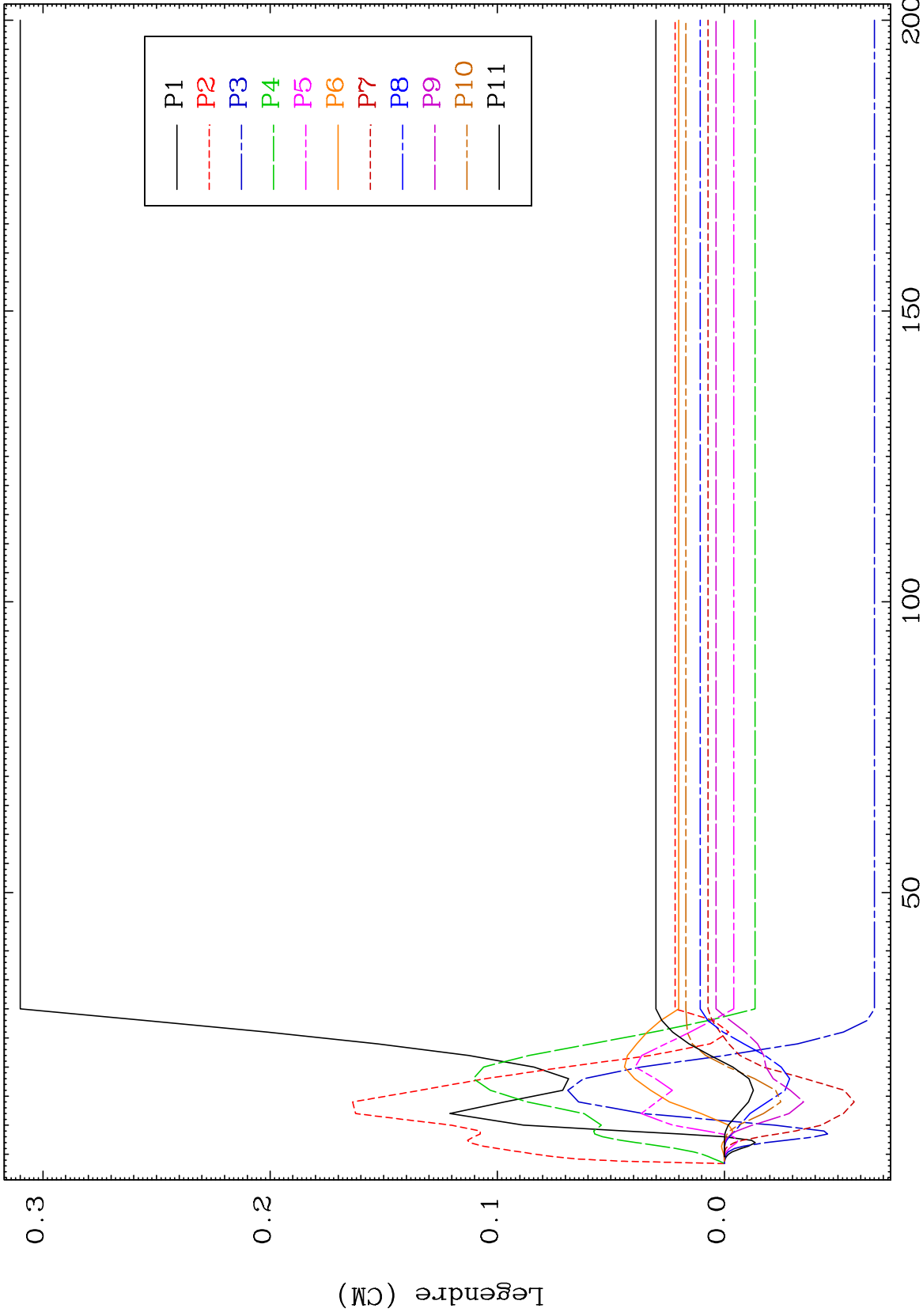
30-Zn-71



MAT 3046

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

30-Zn-71



103

Incident Energy (MeV)

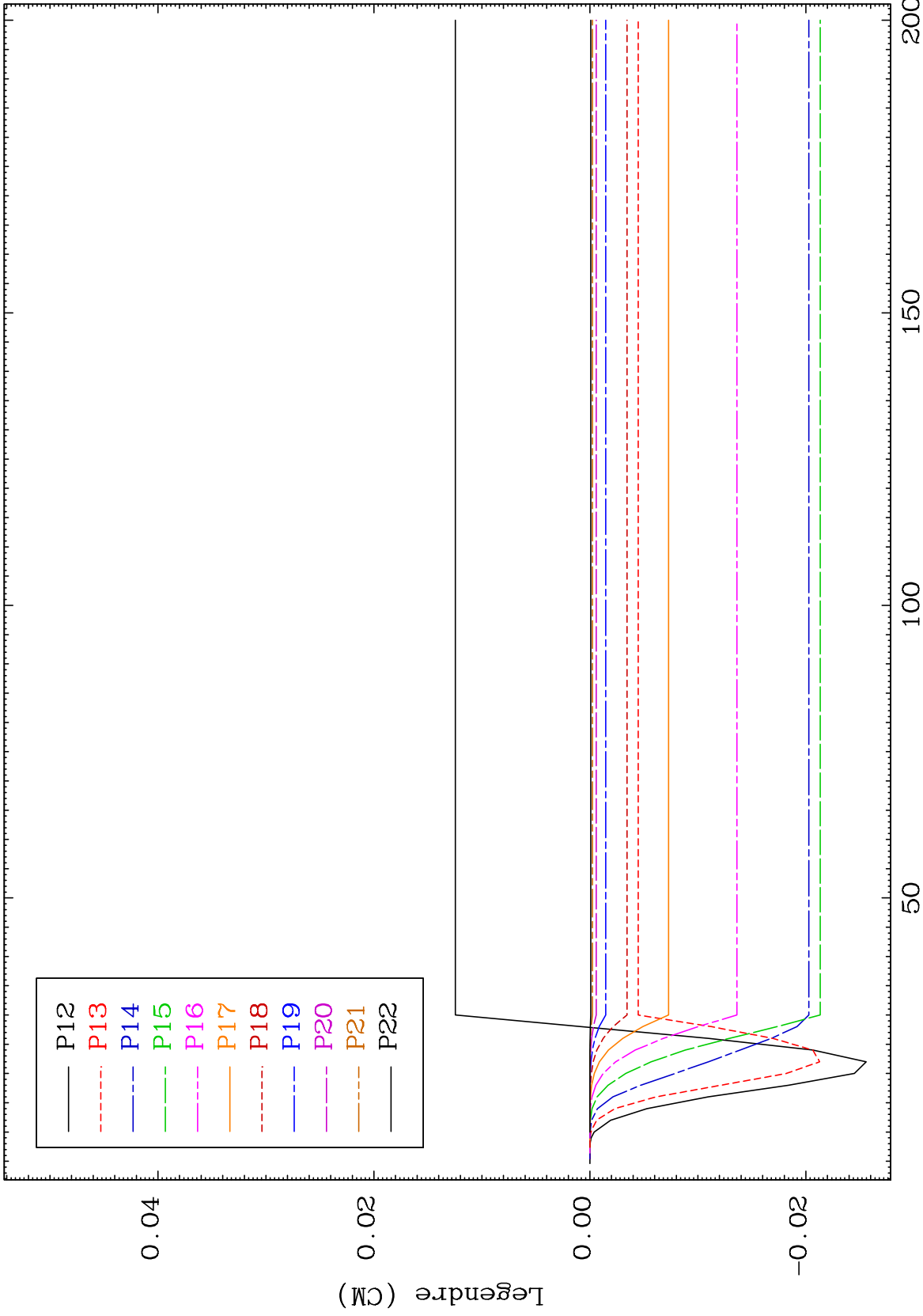
30-Zn-71



MAT 3046

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

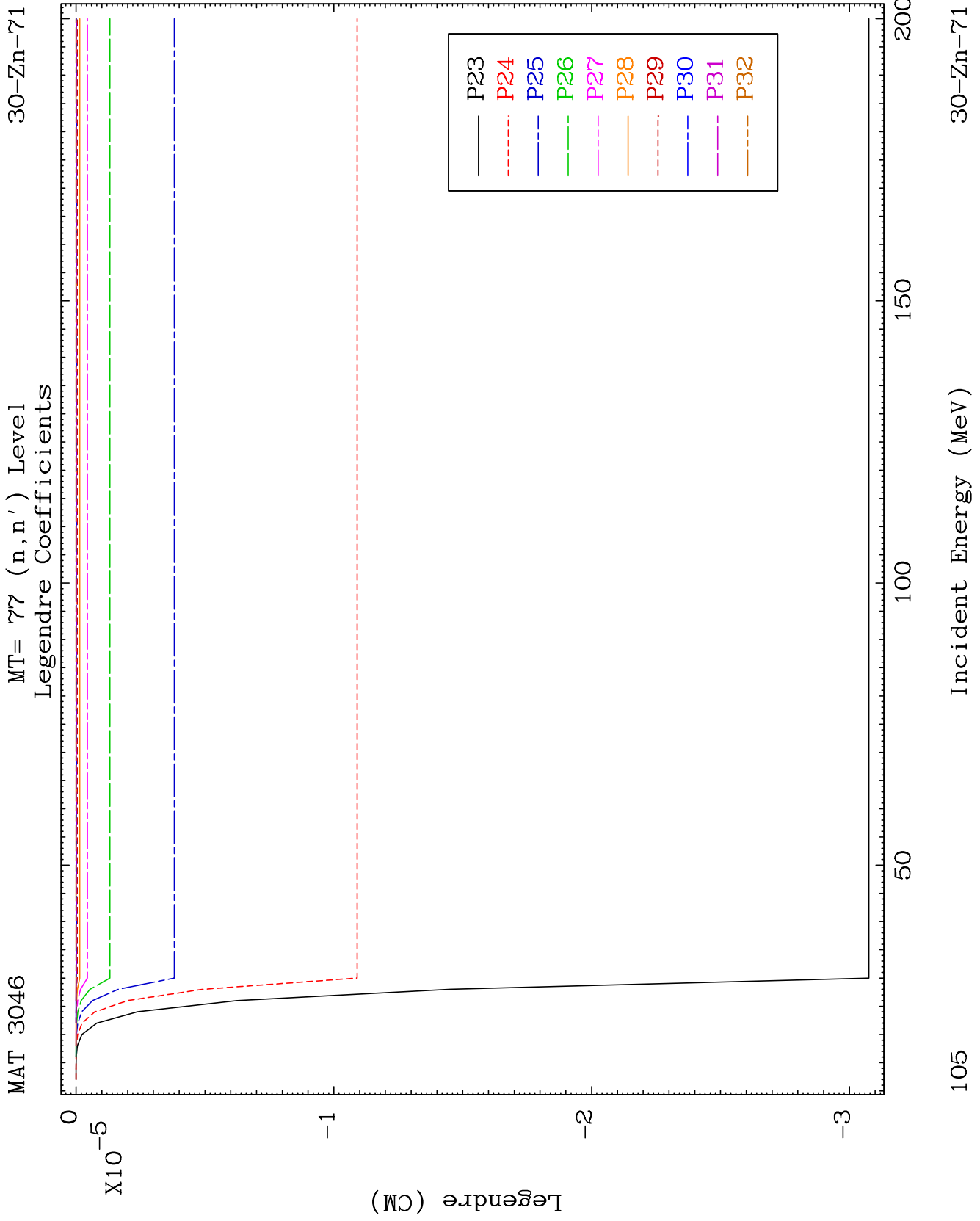
30-Zn-71



104

Incident Energy (MeV)

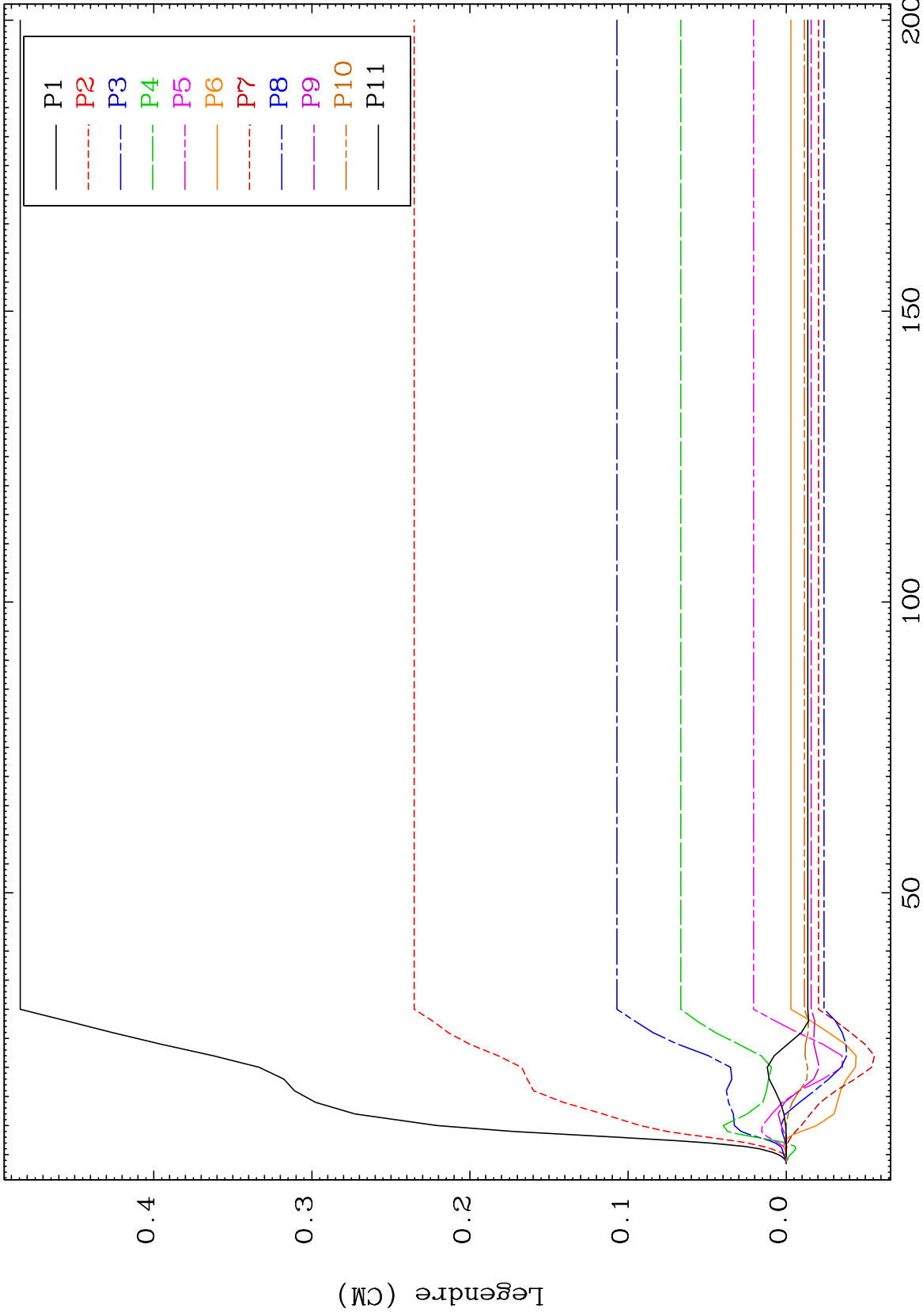
30-Zn-71



MAT 3046

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

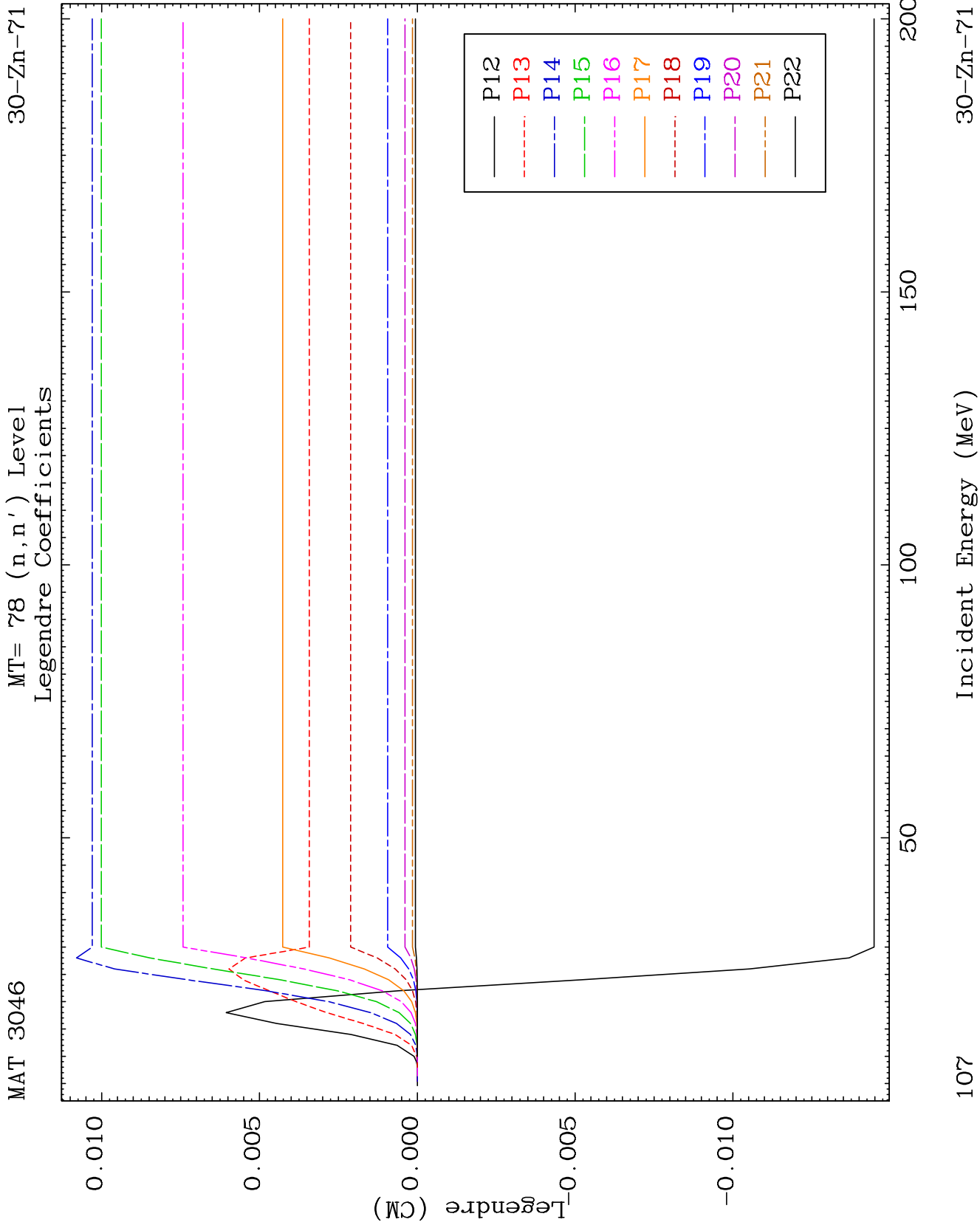
30-Zn-71



106

Incident Energy (MeV)

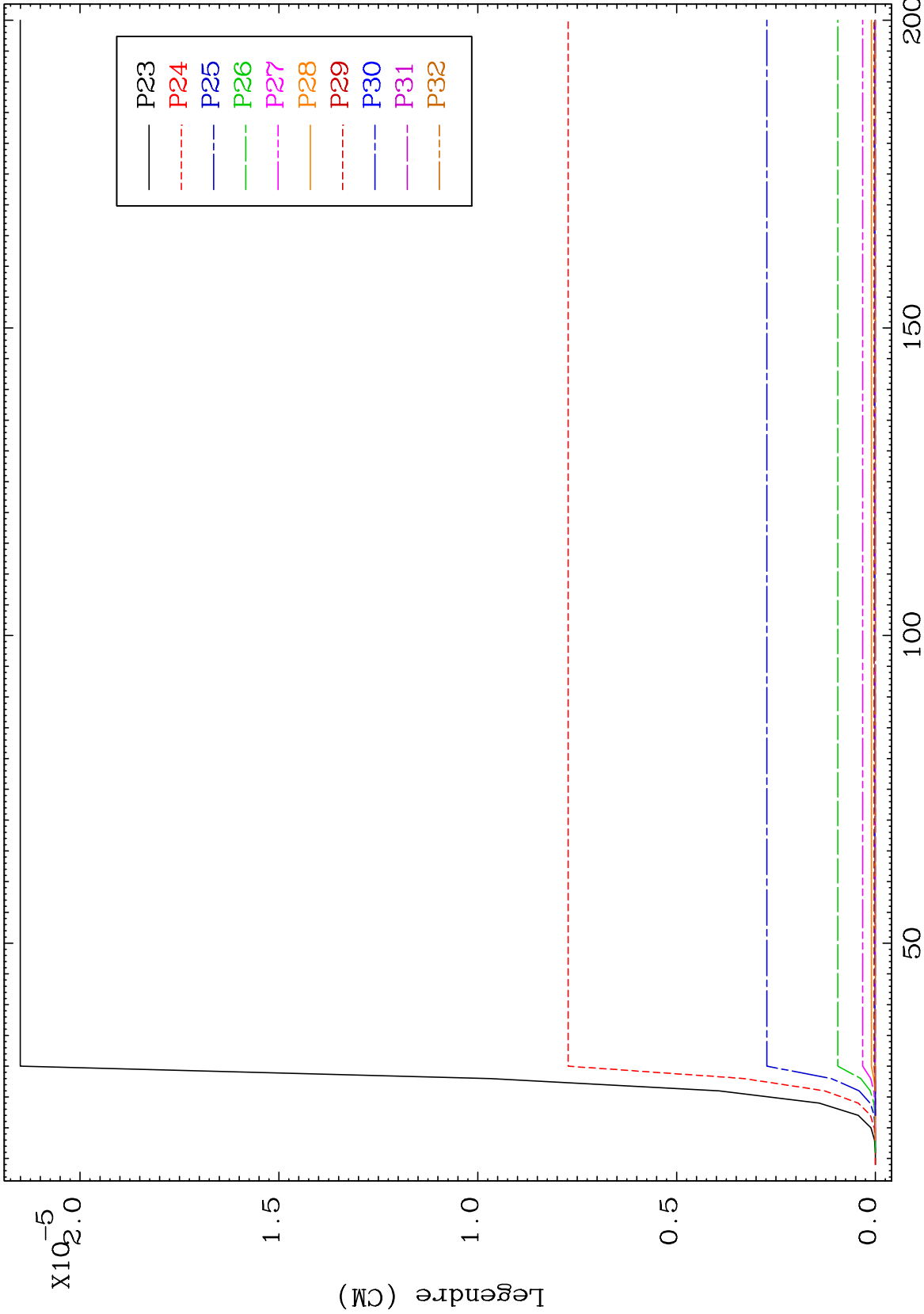
30-Zn-71



MAT 3046

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

30-Zn-71



108

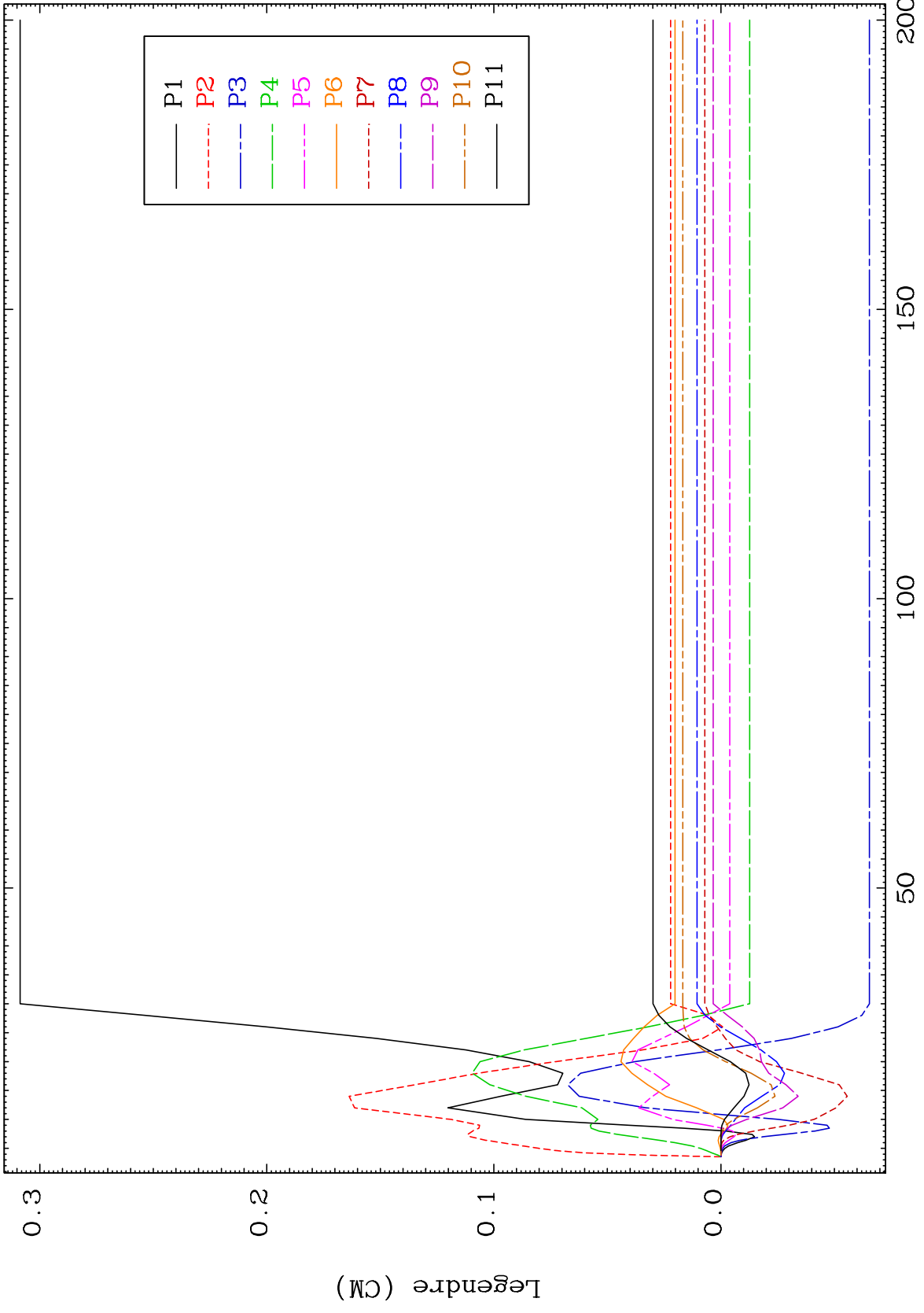
Incident Energy (MeV)

30-Zn-71

MAT 3046

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

30-Zn-71



109

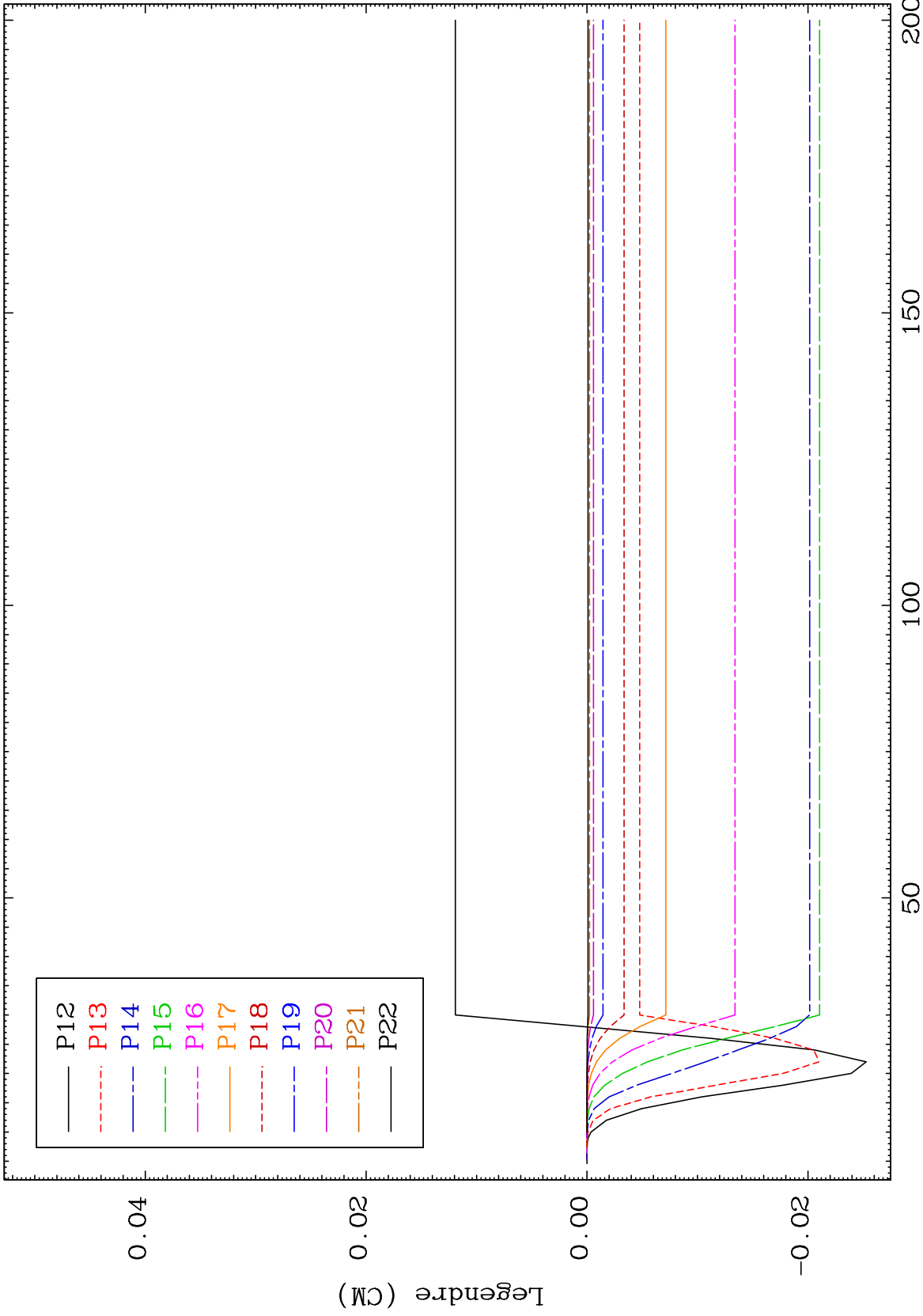
Incident Energy (MeV)

30-Zn-71

MAT 3046

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

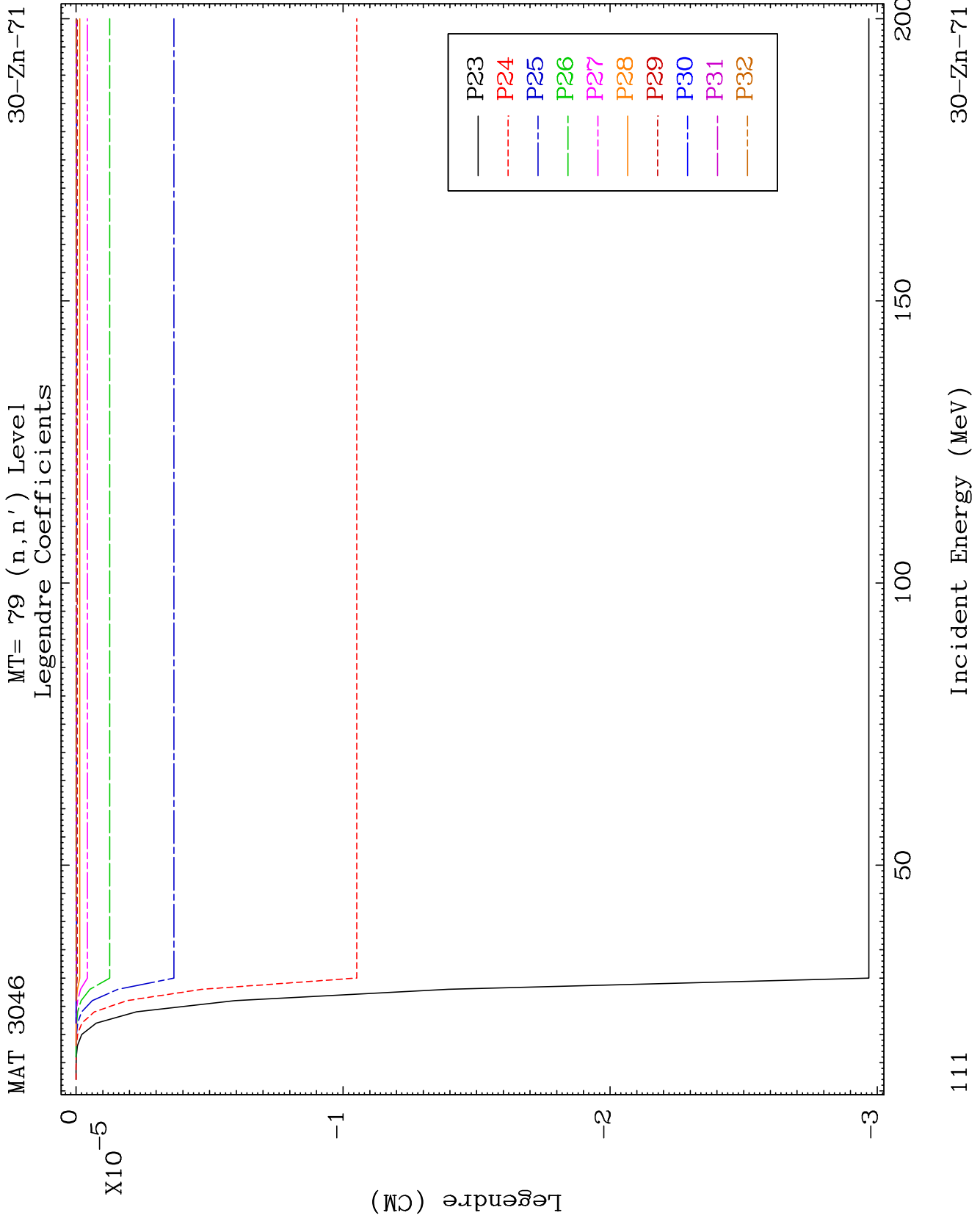
30-Zn-71



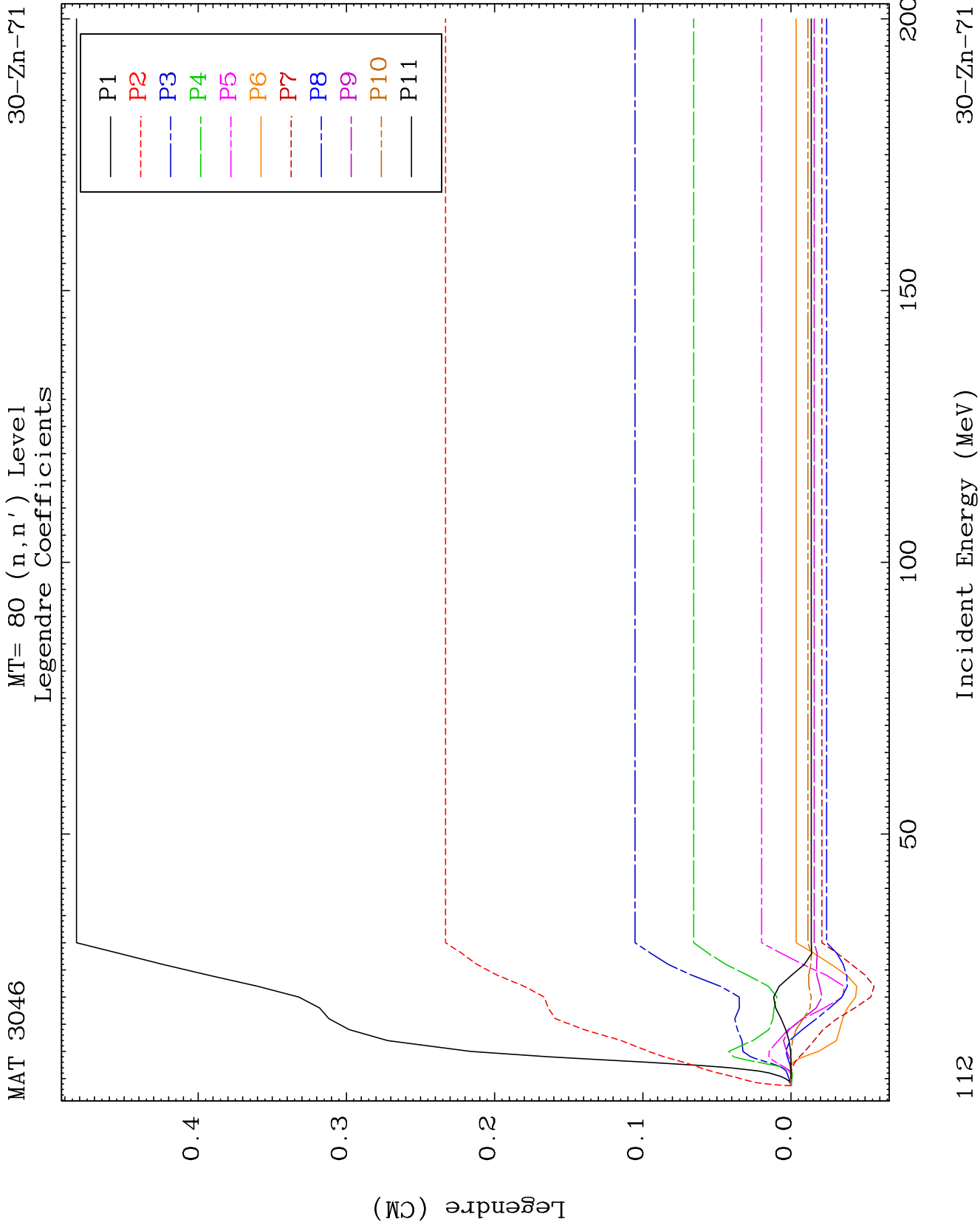
110

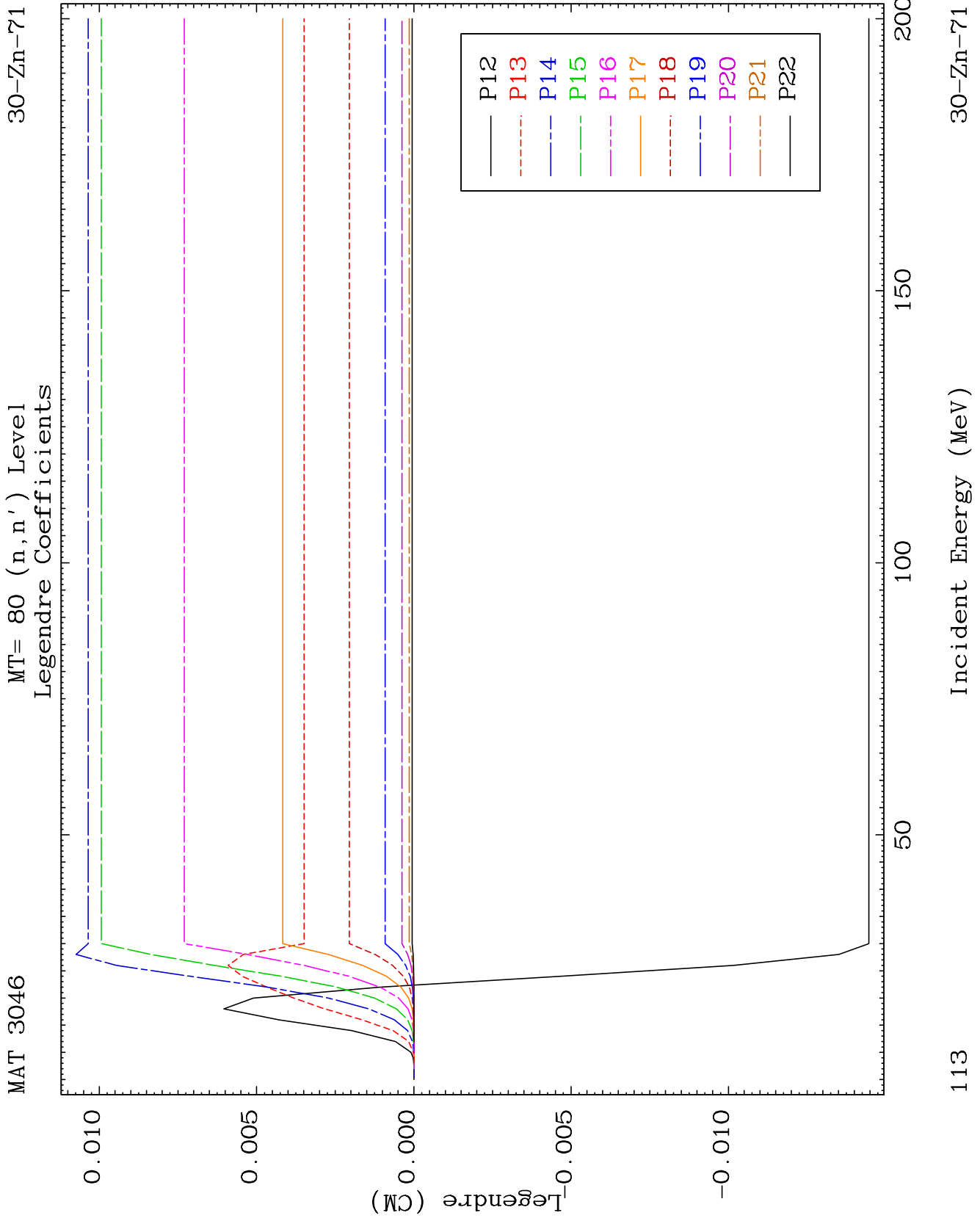
Incident Energy (MeV)

30-Zn-71

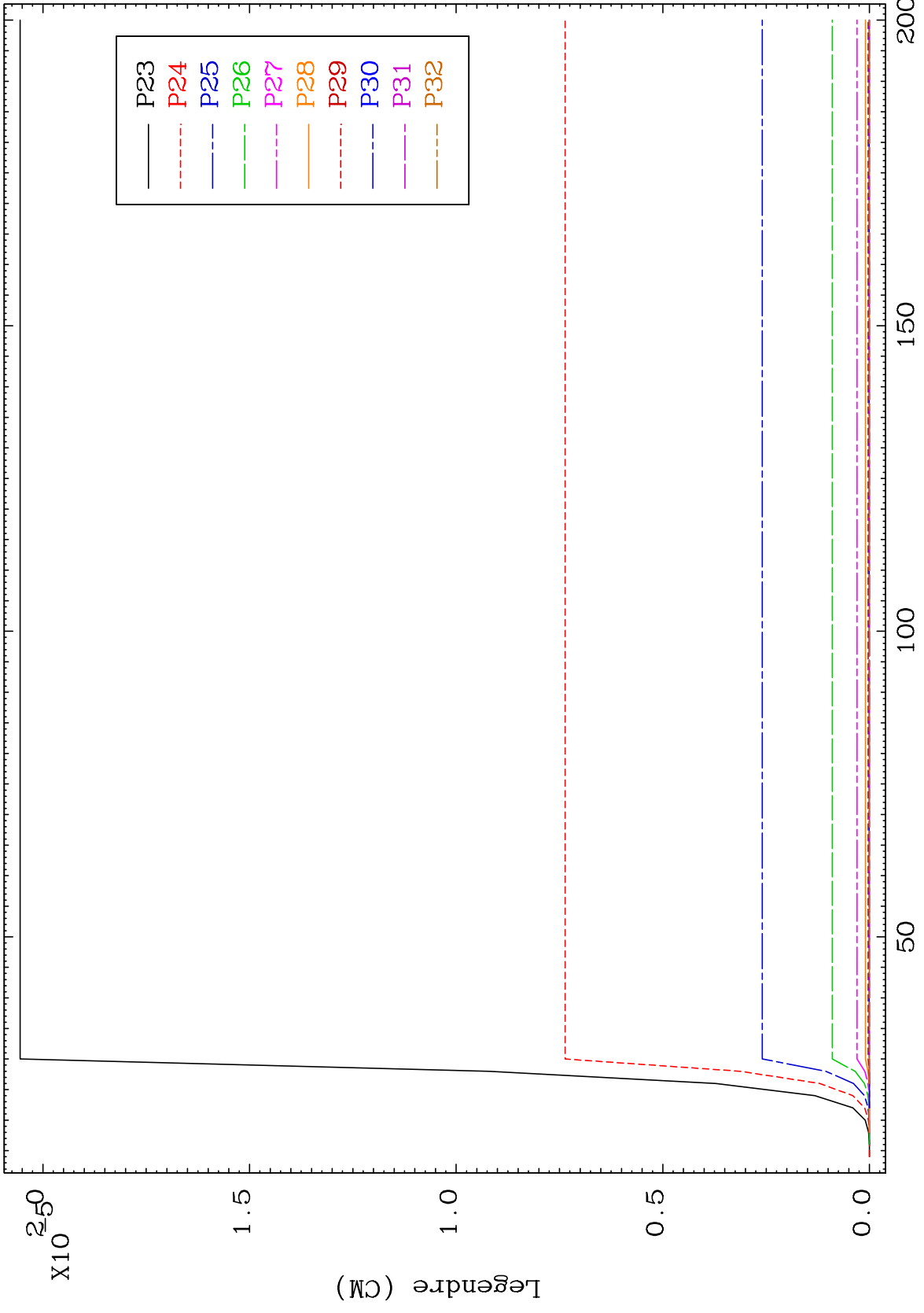








MAT 3046 MT= 80 (n,n') Level Legendre Coefficients 30-Zn-71

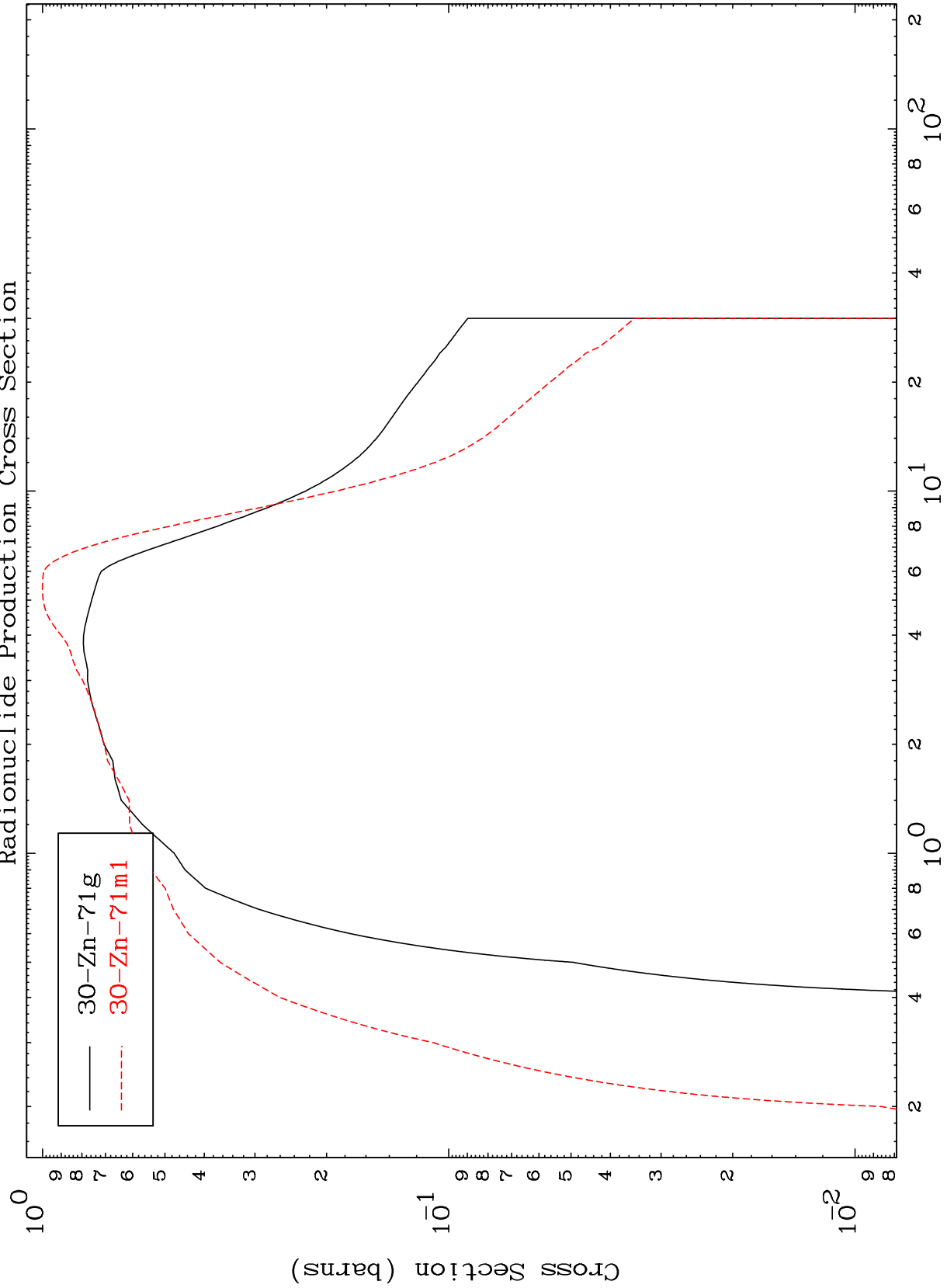


114 30-Zn-71

MAT 3046

30-Zn-71

Inelastic  
Radionuclide Production Cross Section



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

115

Incident Energy (MeV)

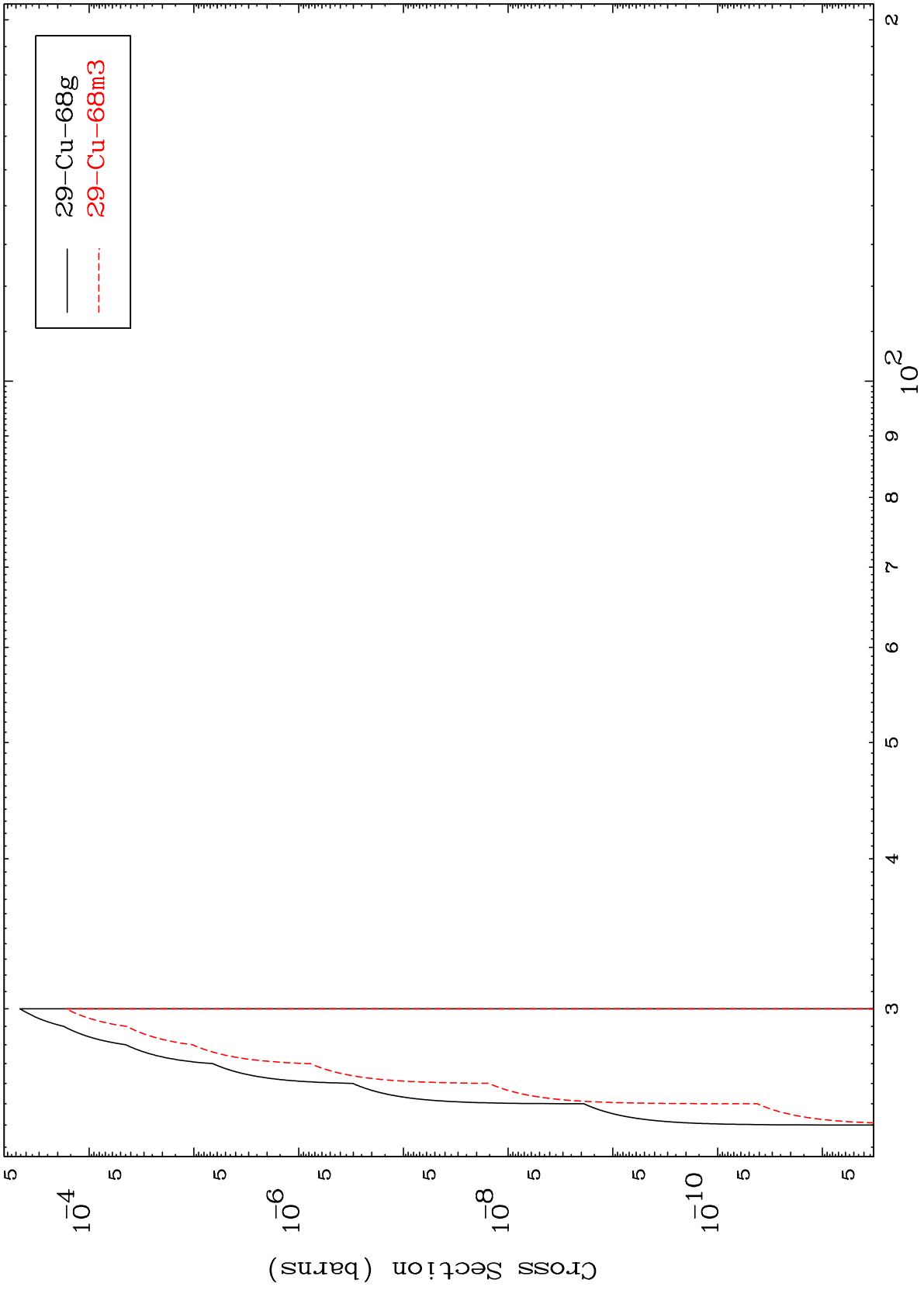
30-Zn-71

MAT 3046

(n,2n) d

30-Zn-71

Radionuclide Production Cross Section



116

Incident Energy (MeV)

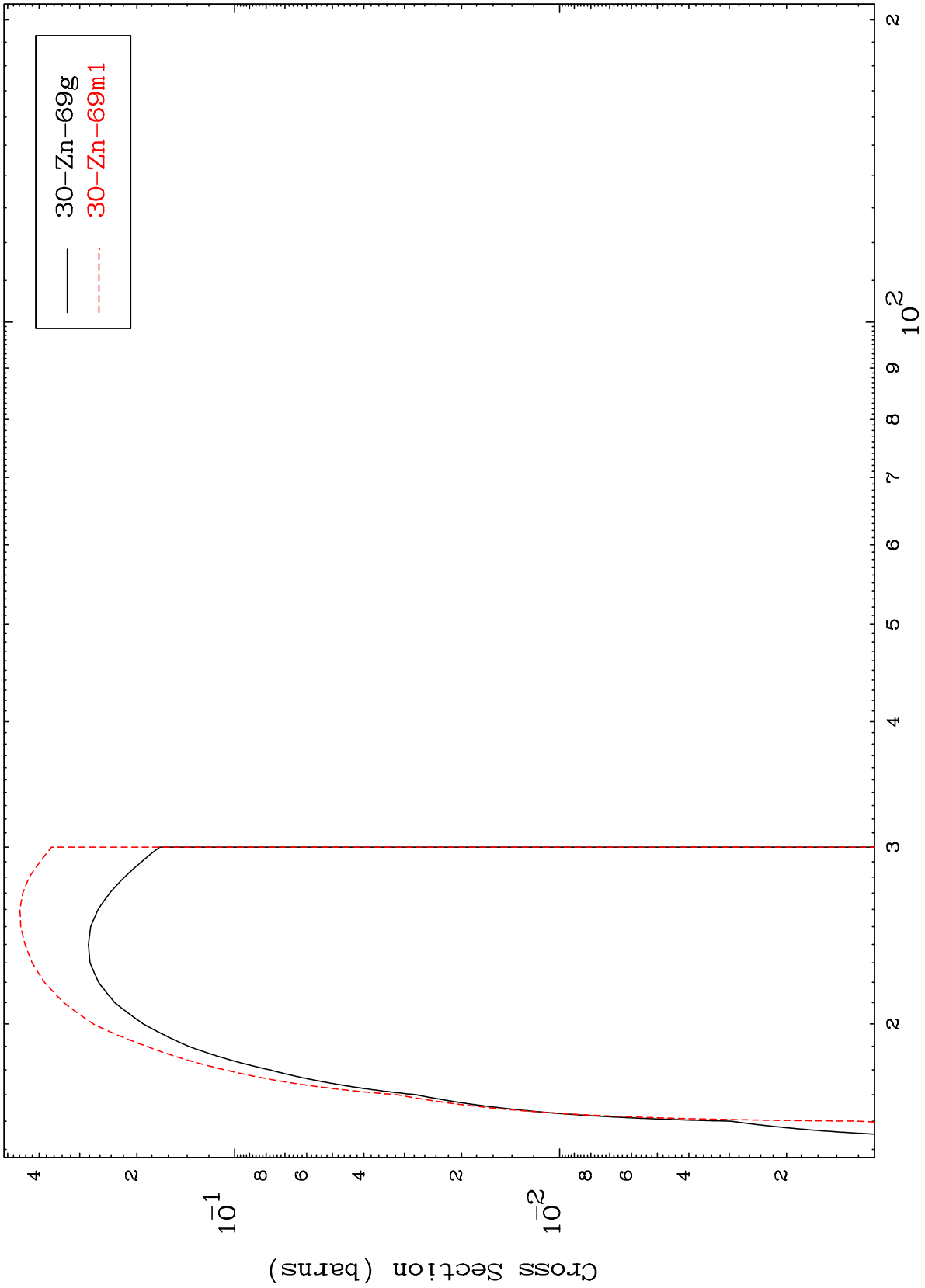
30-Zn-71

MAT 3046

(n,3n)

30-Zn-71

Radionuclide Production Cross Section



117

Incident Energy (MeV)

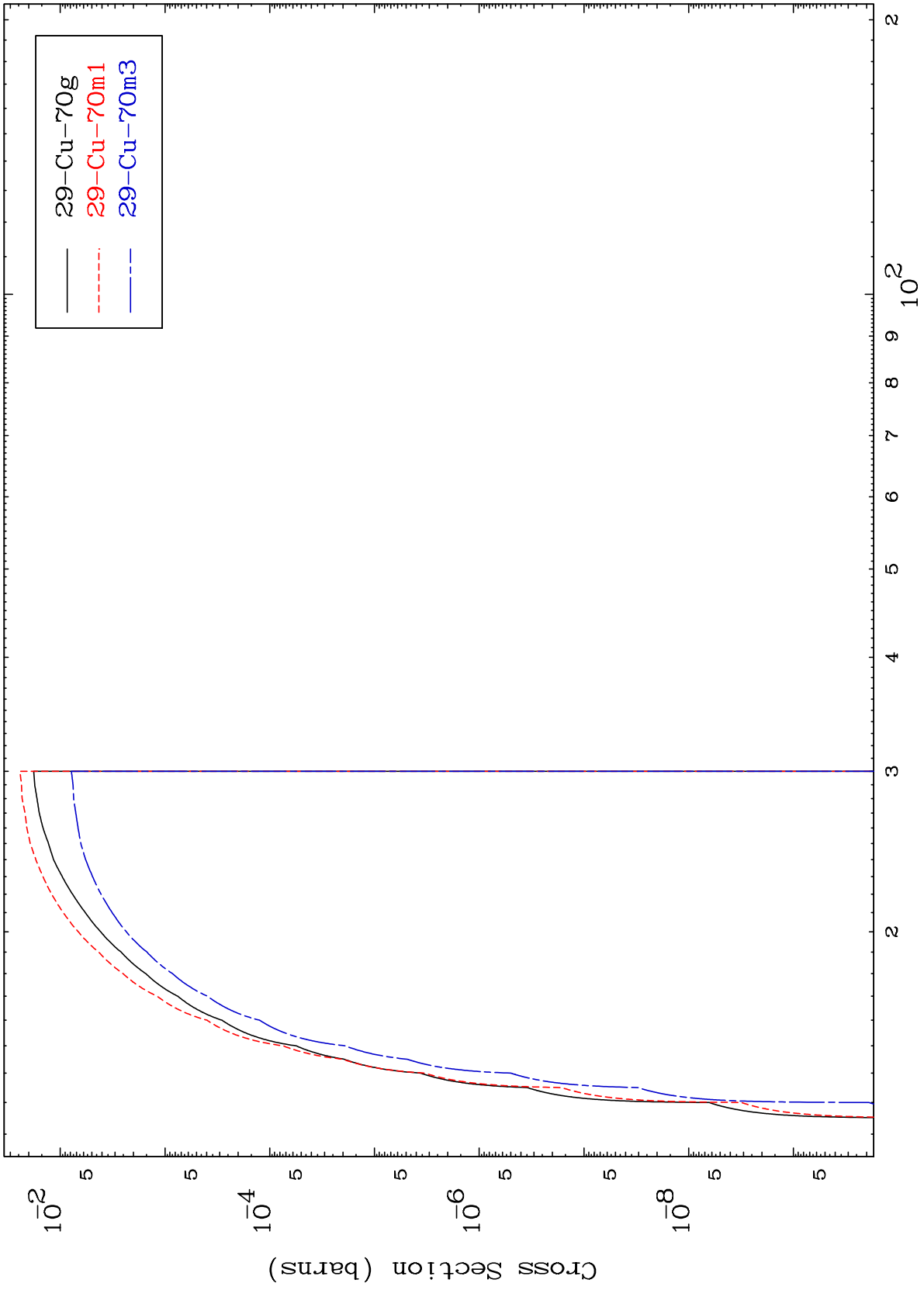
30-Zn-71

MAT 3046

(n,n') p

30-Zn-71

Radionuclide Production Cross Section



118

Incident Energy (MeV)

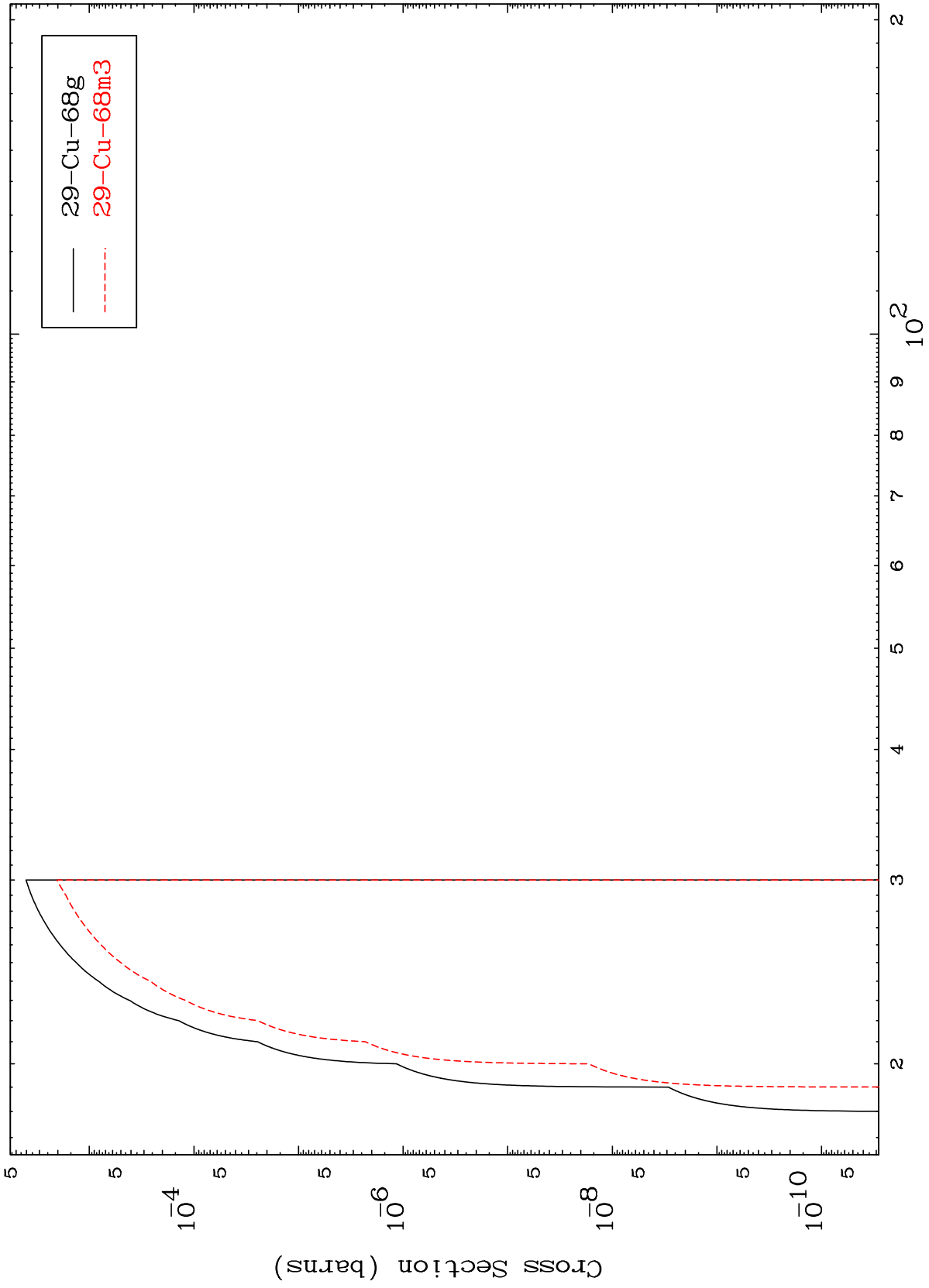
30-Zn-71

MAT 3046

(n,n') t

30-Zn-71

Radionuclide Production Cross Section



119

Incident Energy (MeV)

30-Zn-71

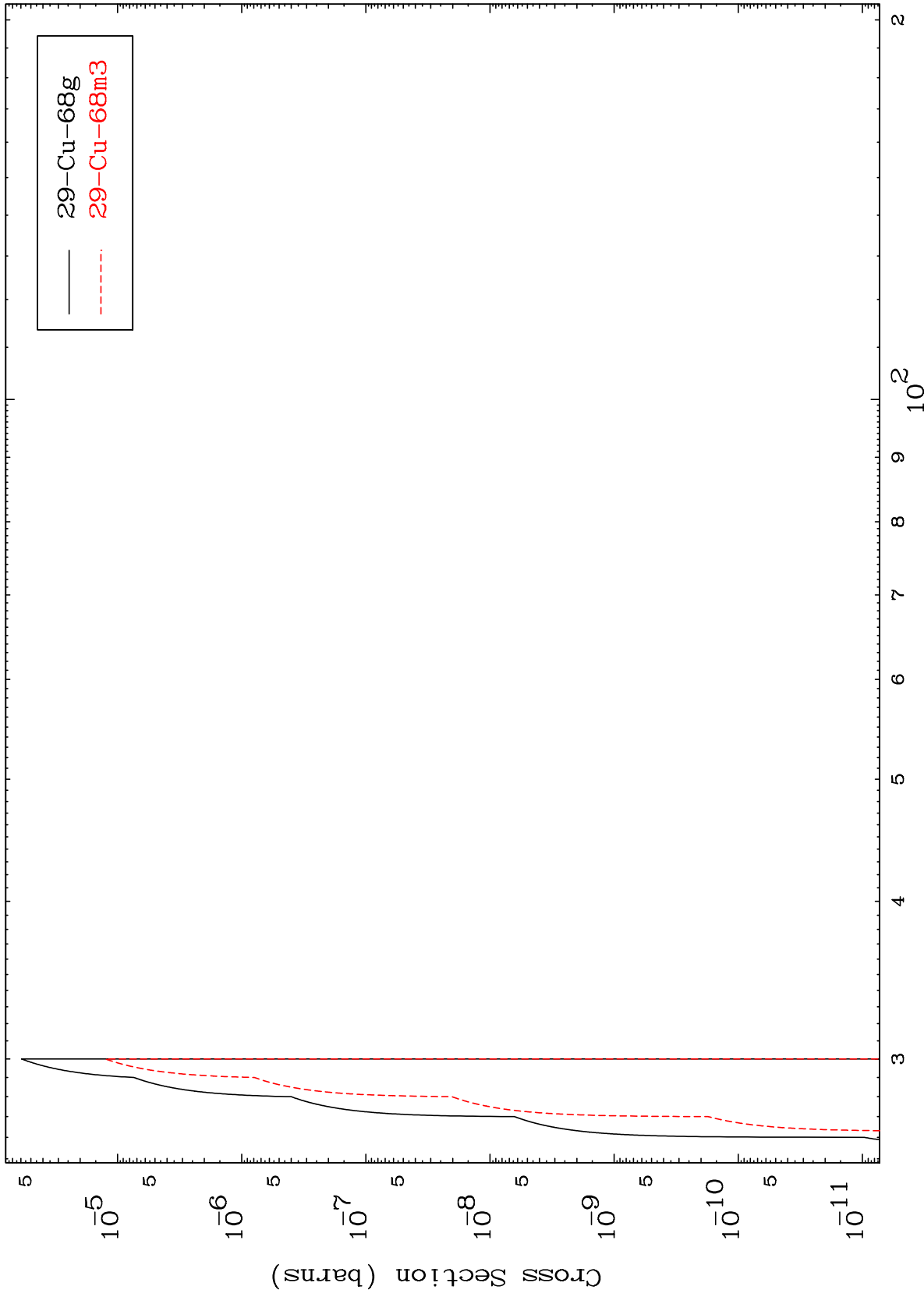


MAT 3046

(n,3n) p

30-Zn-71

Radionuclide Production Cross Section



120

Incident Energy (MeV)

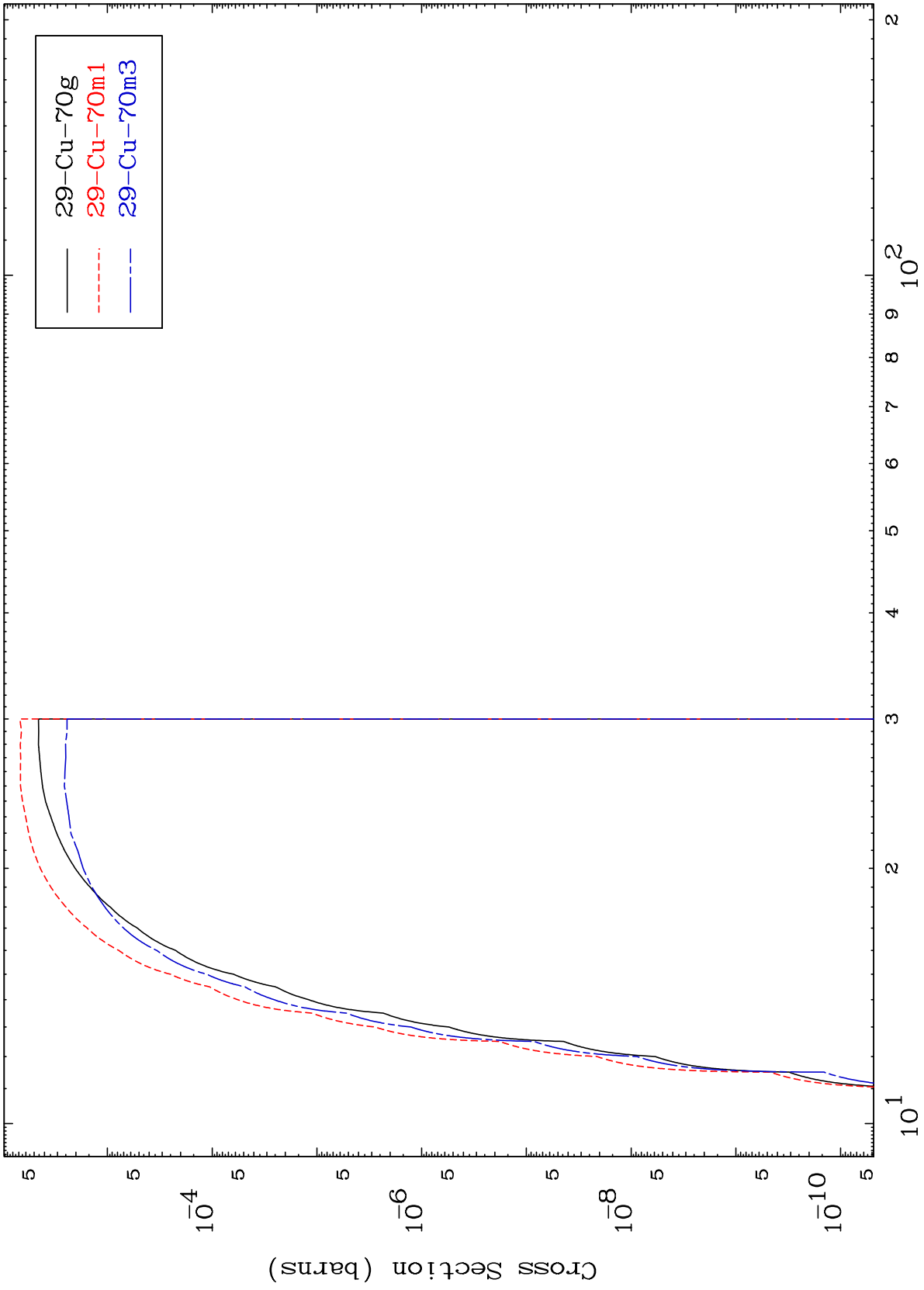
30-Zn-71

MAT 3046

(n,d)

30-Zn-71

Radionuclide Production Cross Section



121

Incident Energy (MeV)

30-Zn-71