

Program EVALPLOT  
(Version 2021-1)

by

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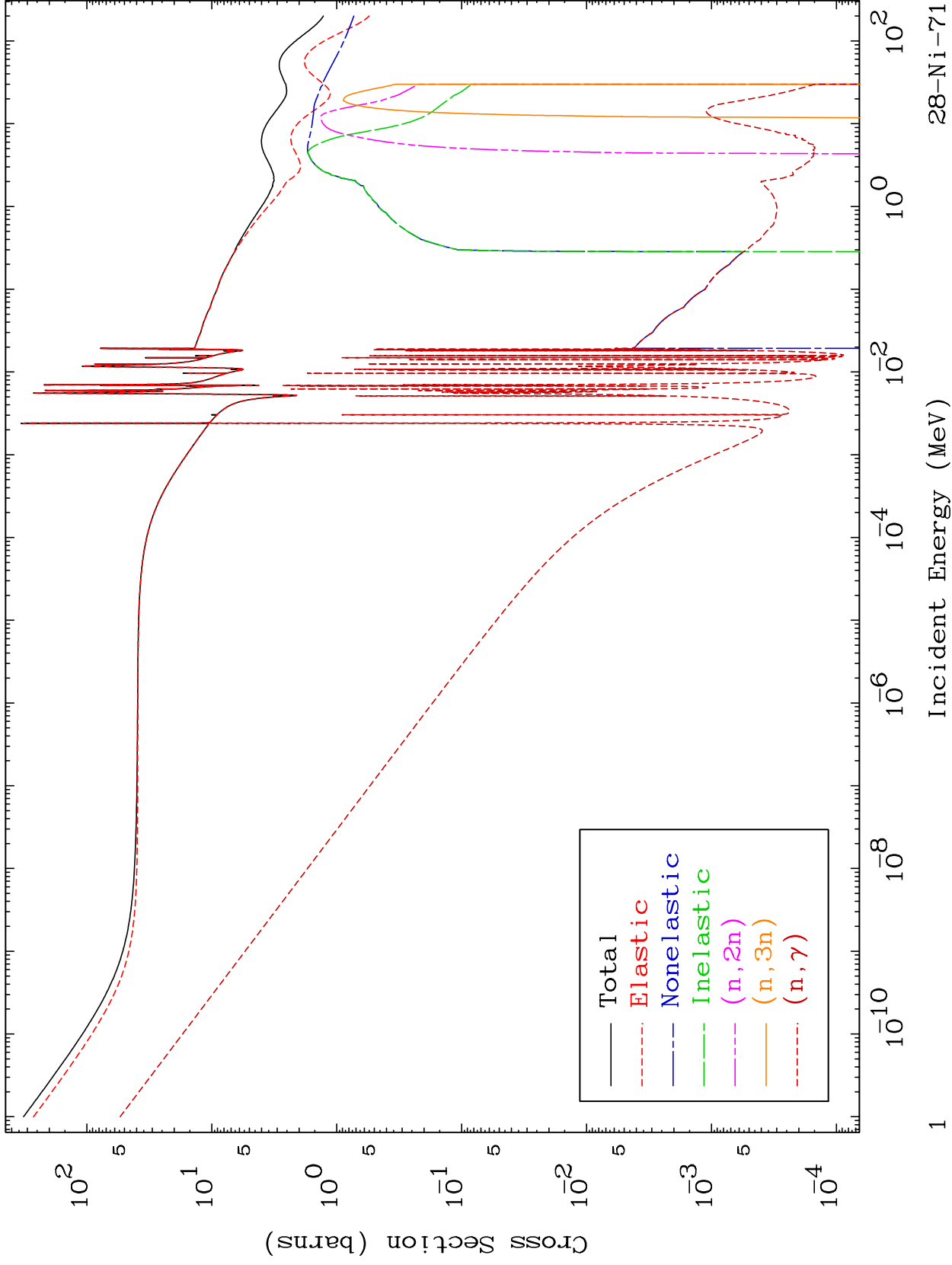
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 2864

Neutron Major  
293 Kelvin Cross Sections

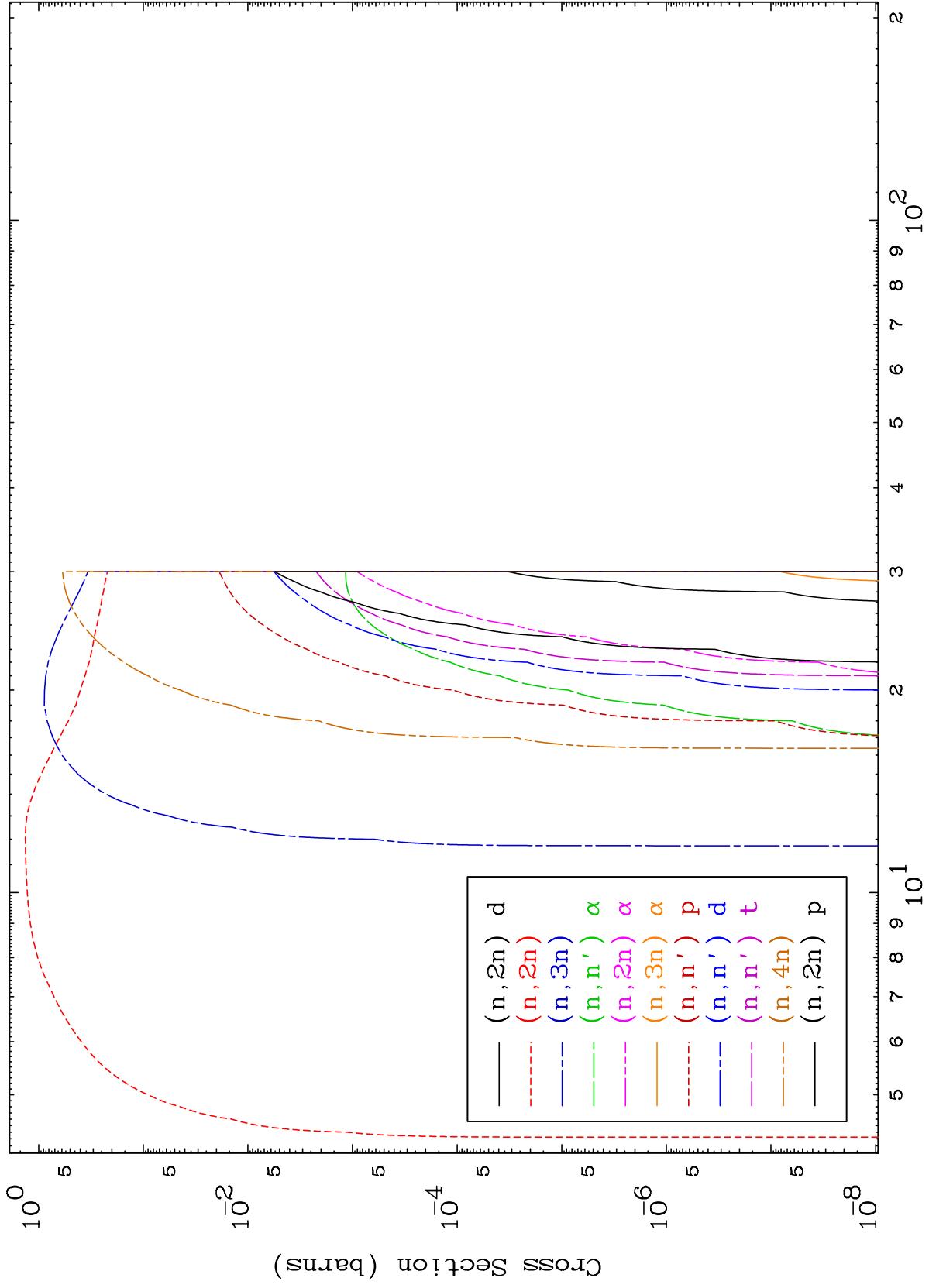
28-Ni-71

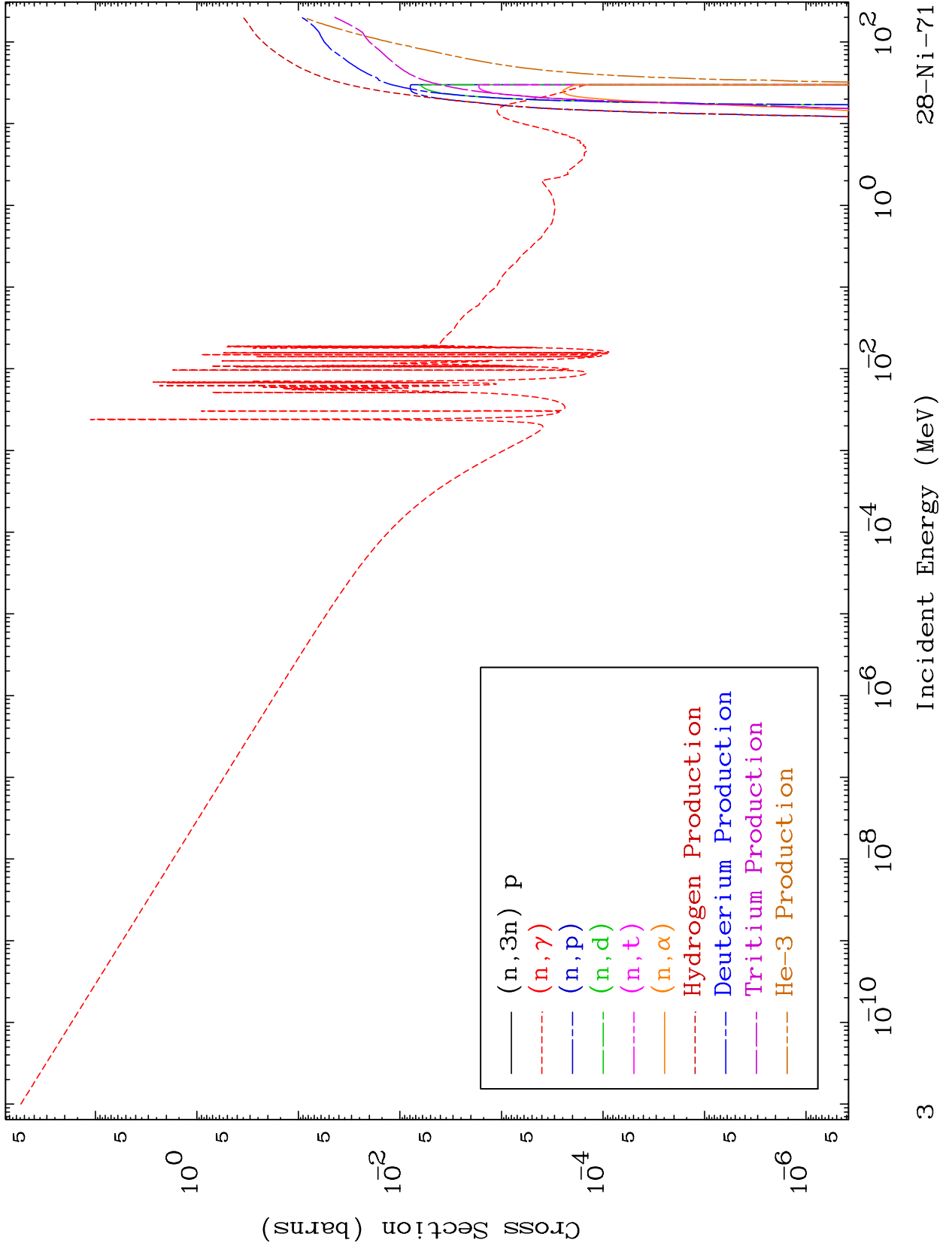


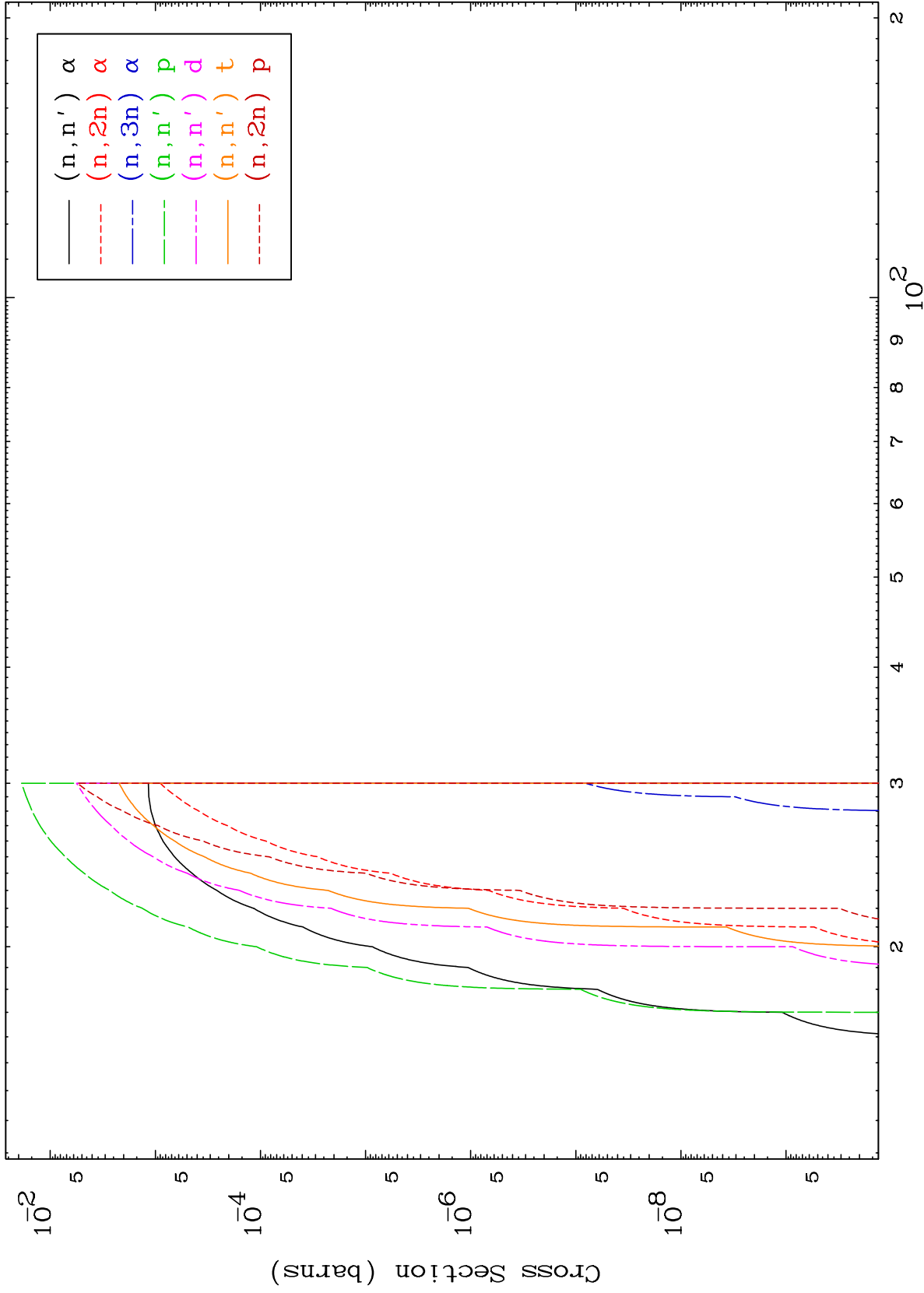
MAT 2864

Neutron Absorption  
293 Kelvin Cross Sections

28-Ni-71



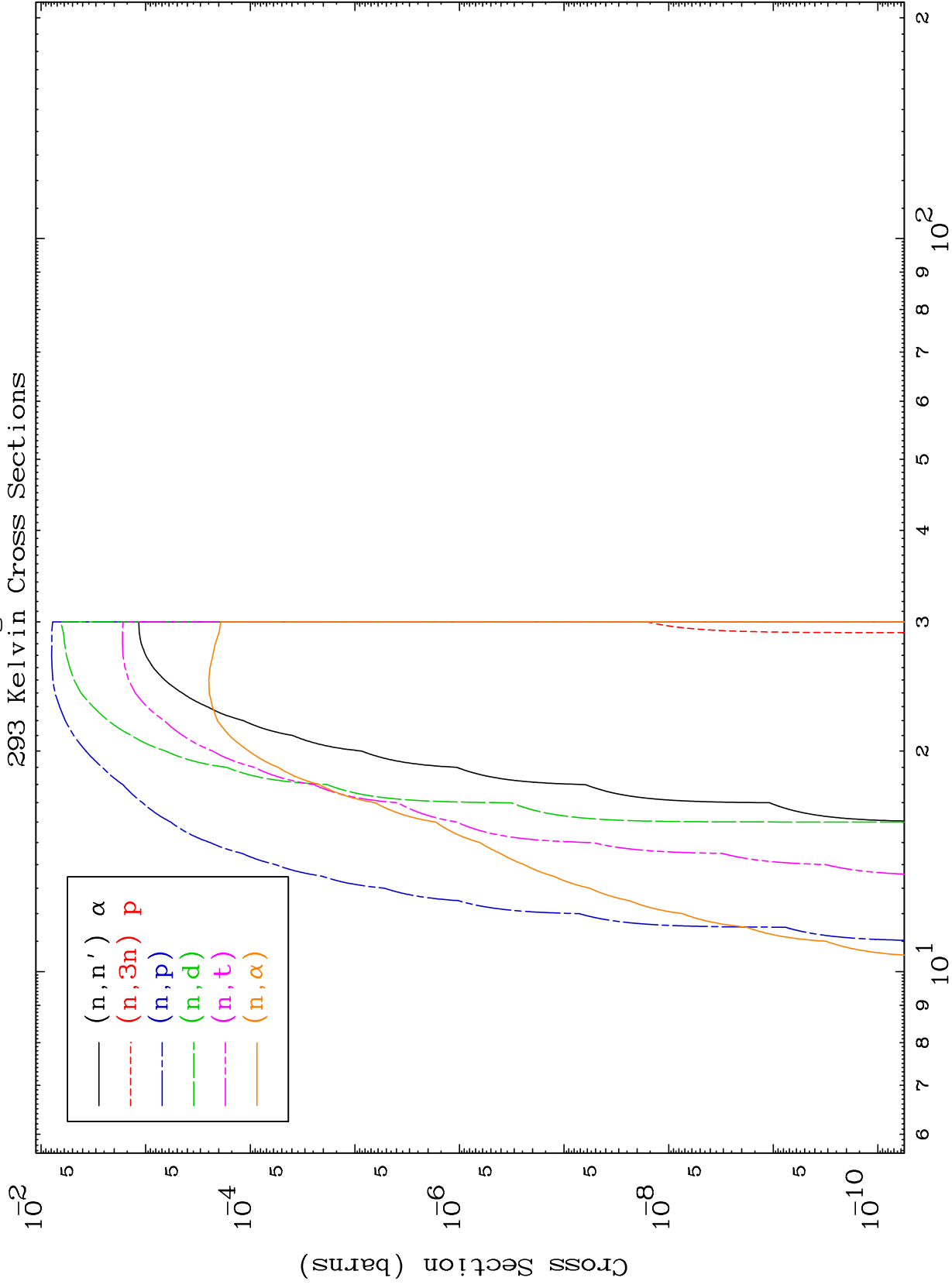




MAT 2864

Charged Particle  
293 Kelvin Cross Sections

28-Ni-71



5

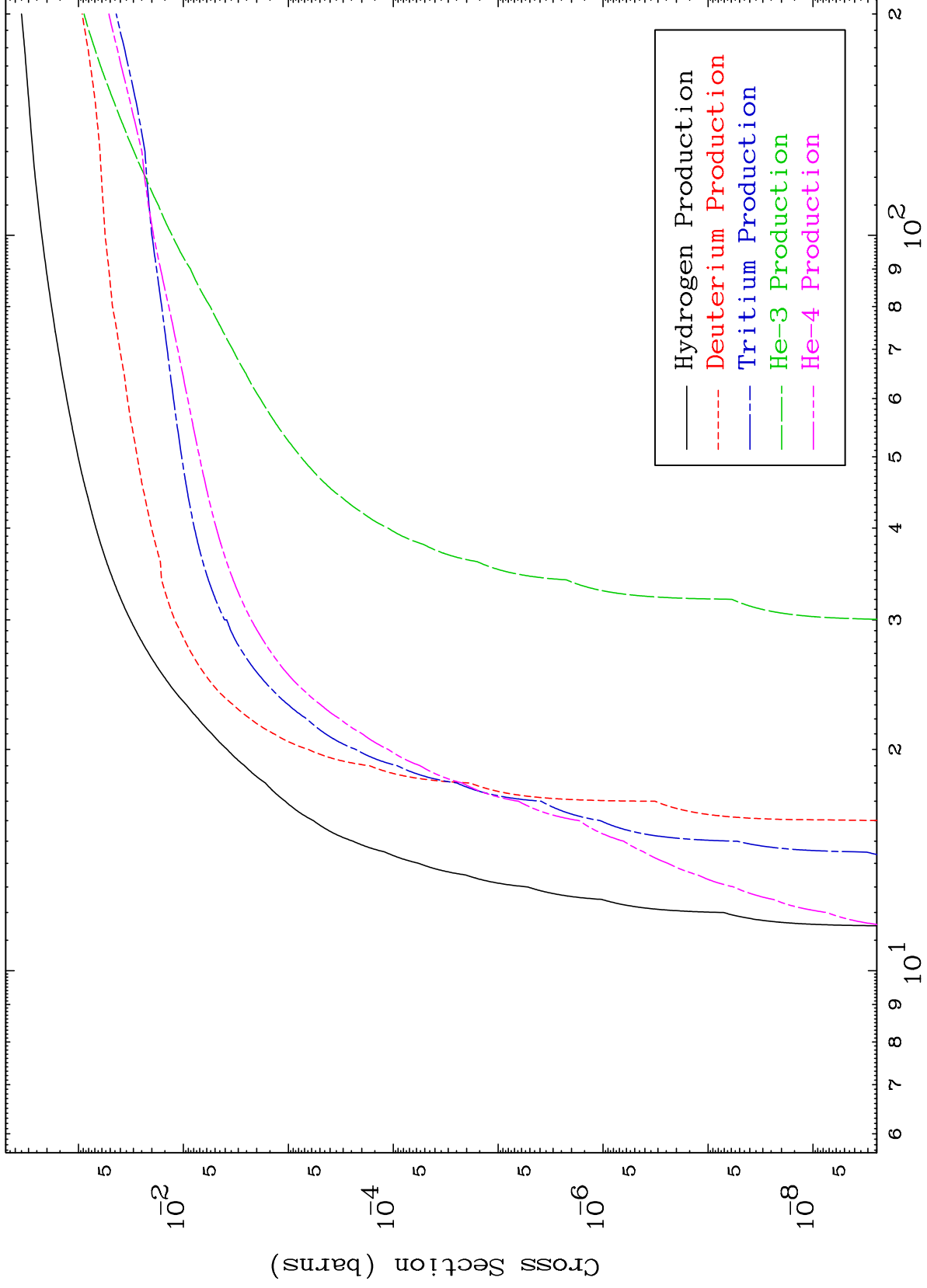
Incident Energy (MeV)

28-Ni-71

MAT 2864

Particle Production  
293 Kelvin Cross Sections

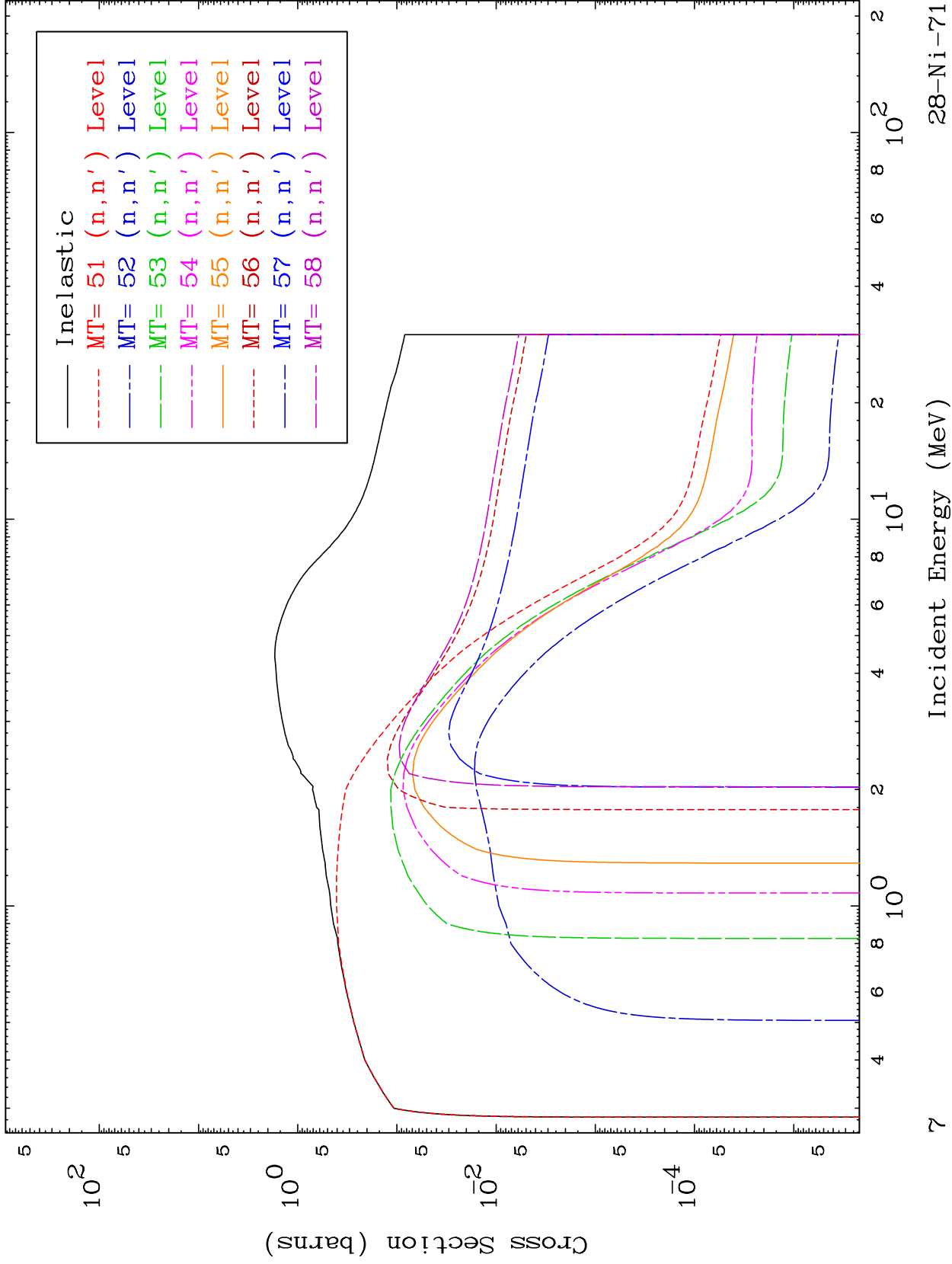
28-Ni-71



6

Incident Energy (MeV)

28-Ni-71



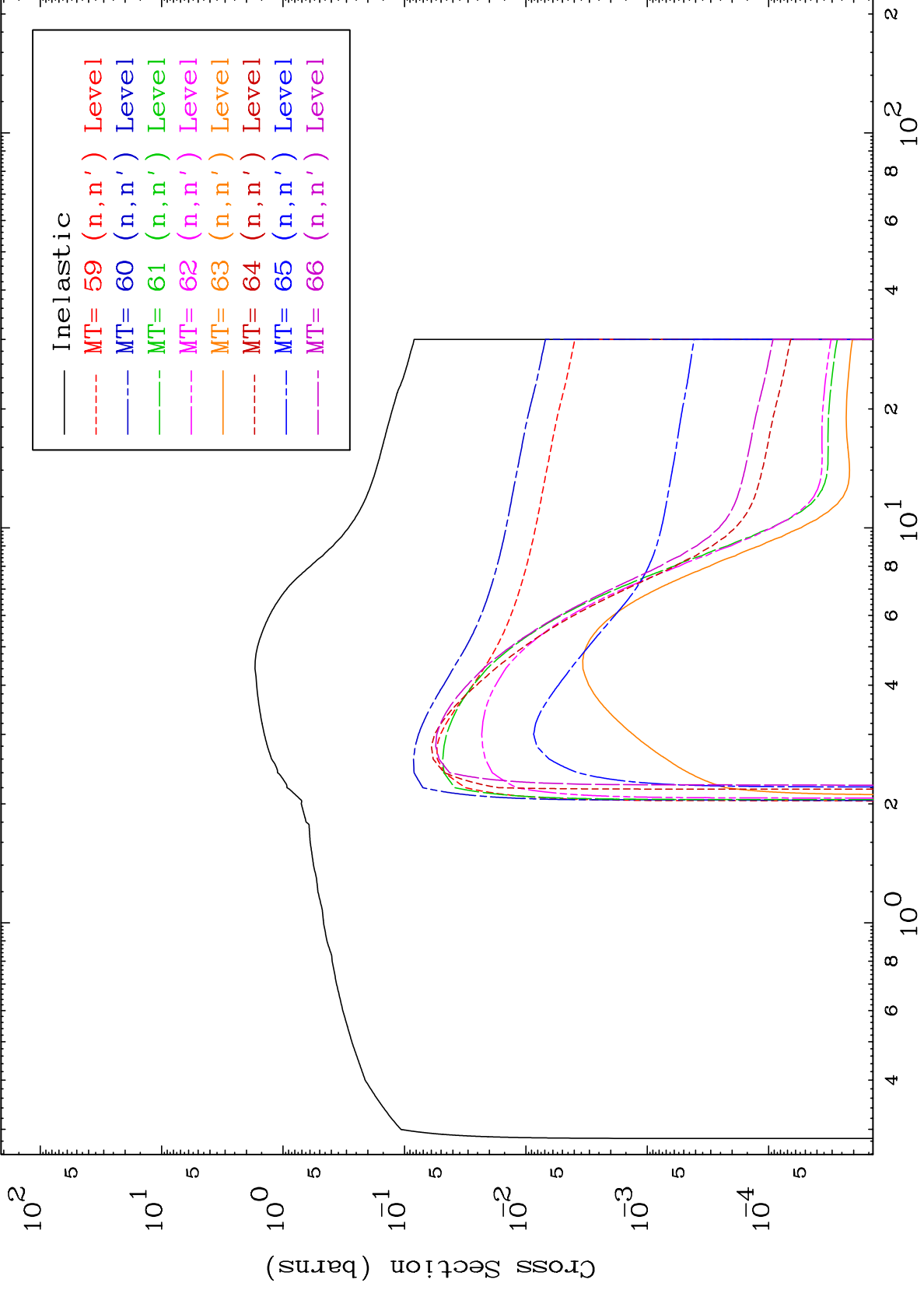


MAT 2864

(n,n') Levels

28-Ni-71

293 Kelvin Cross Sections



8

Incident Energy (MeV)

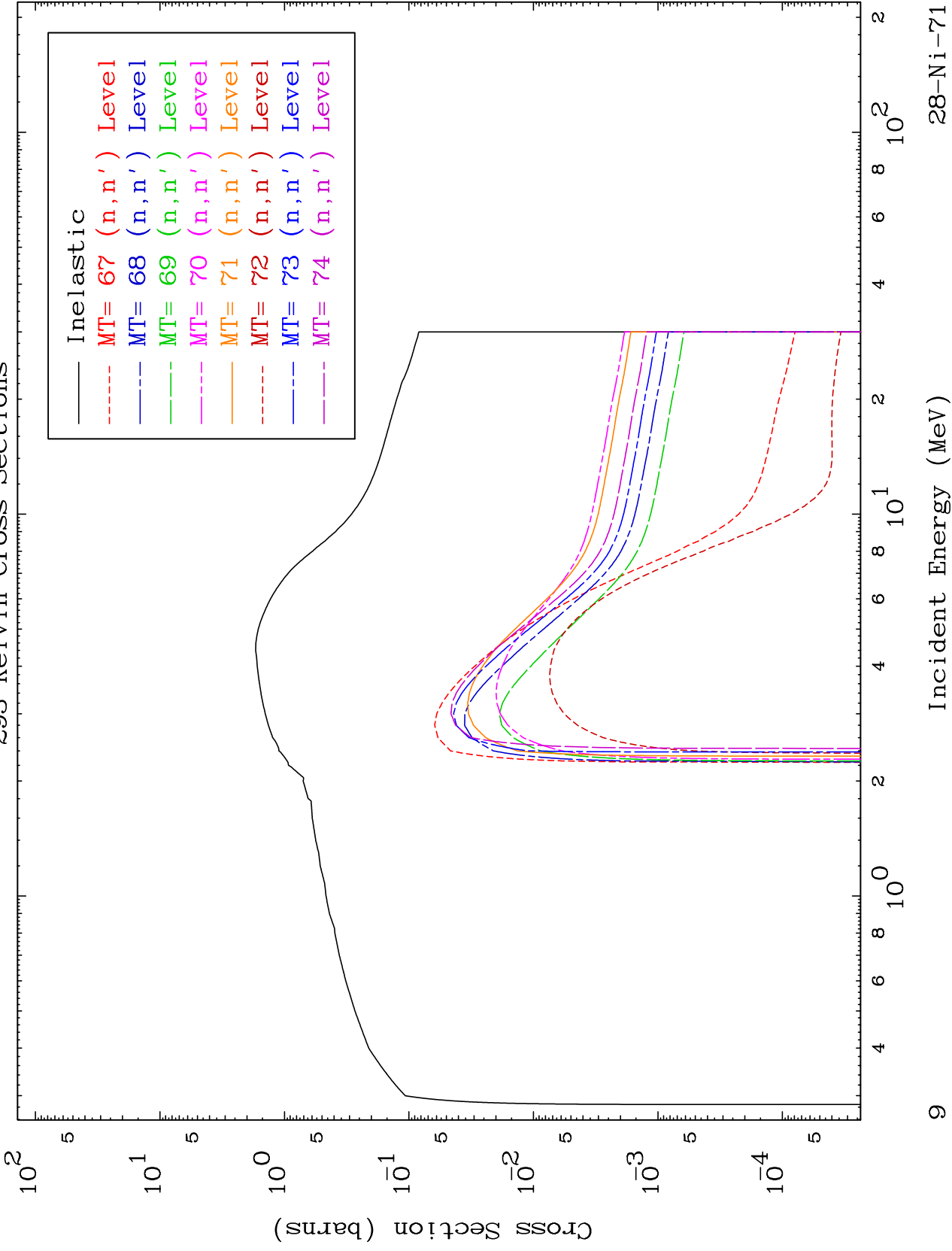
28-Ni-71

MAT 2864

(n,n') Levels

28-Ni-71

293 Kelvin Cross Sections

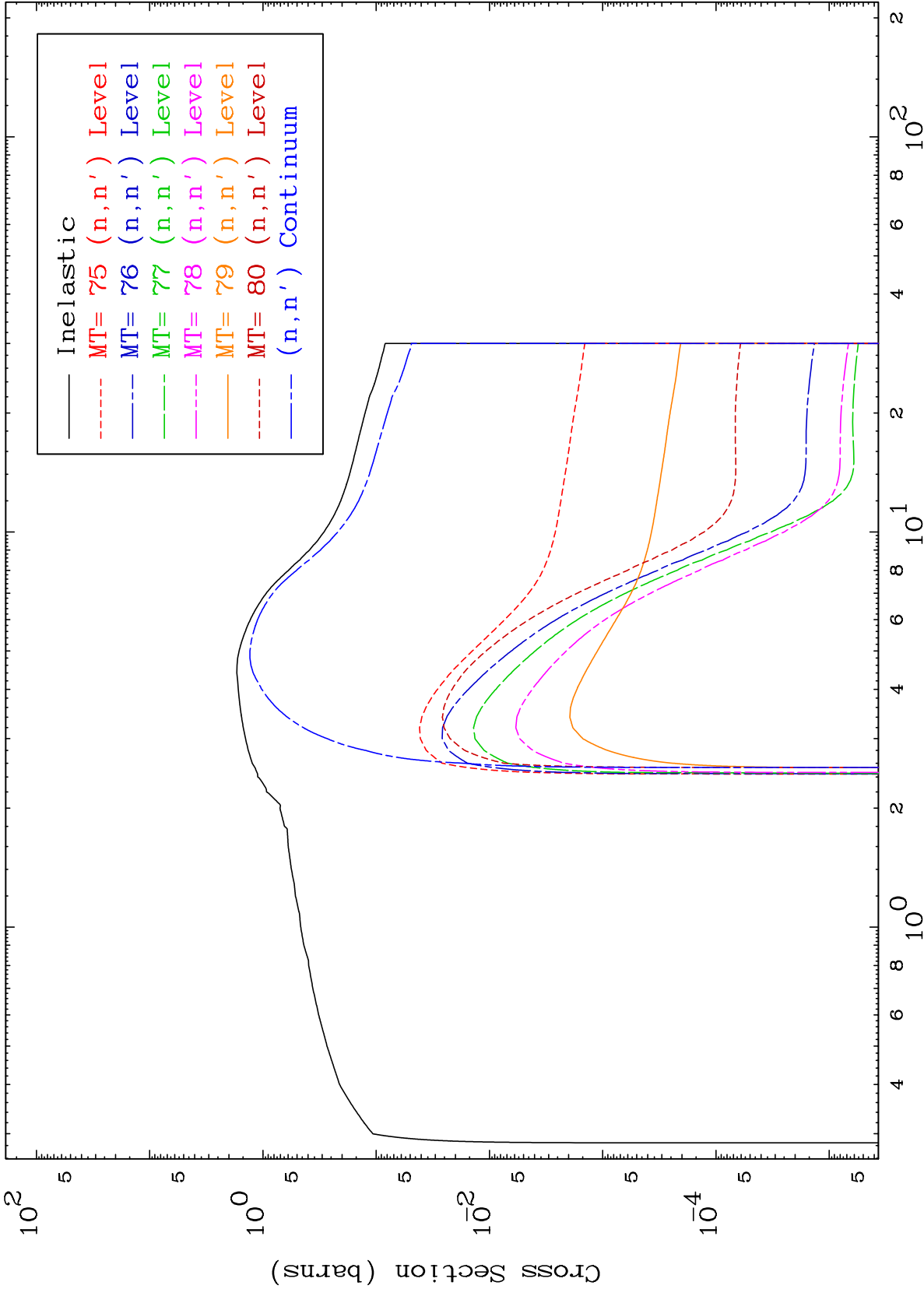


MAT 2864

(n,n') Levels

28-Ni-71

293 Kelvin Cross Sections



10

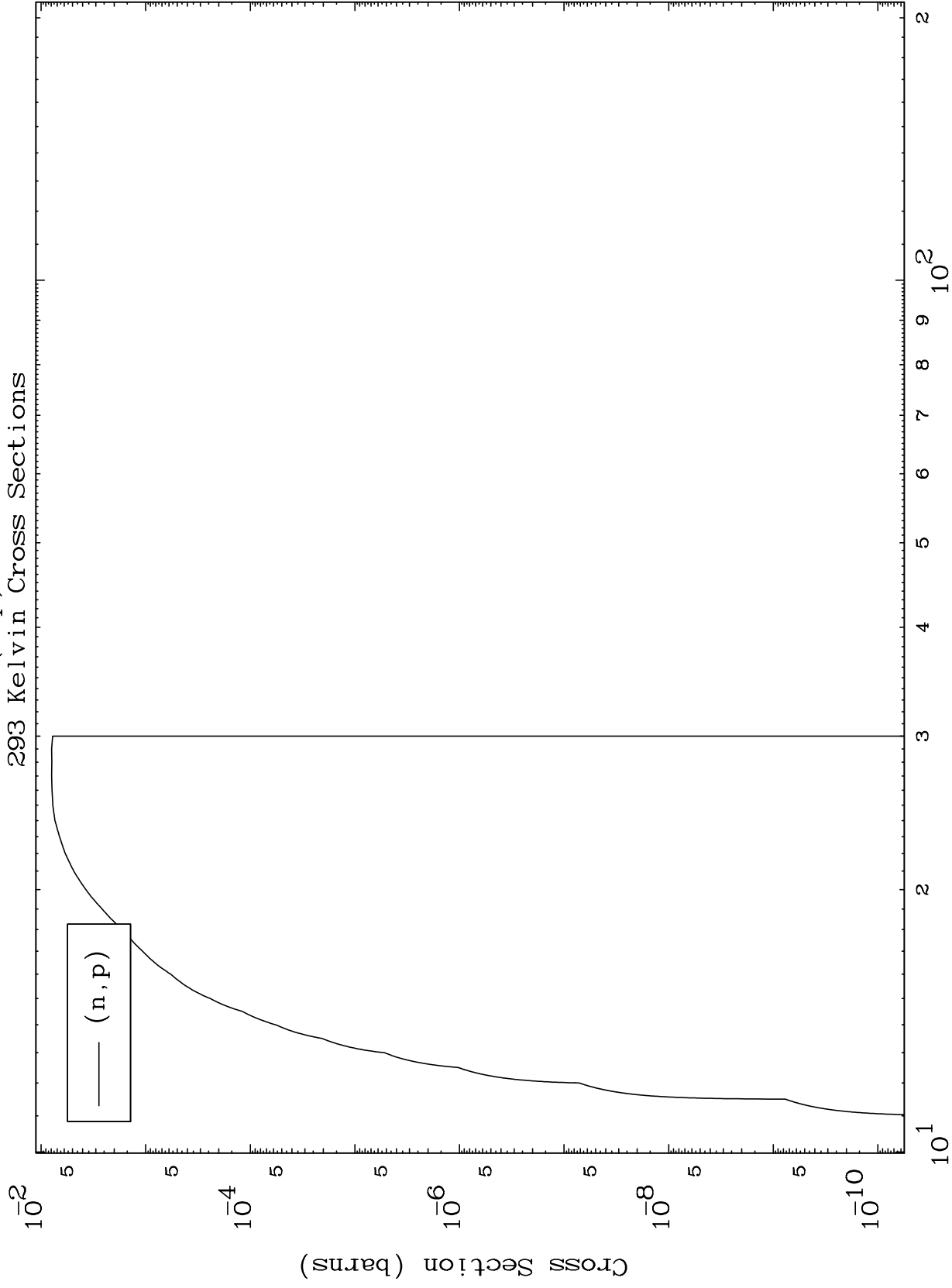
Incident Energy (MeV)

28-Ni-71

MAT 2864

(n,p) Levels  
293 Kelvin Cross Sections

28-Ni-71



Incident Energy (MeV)

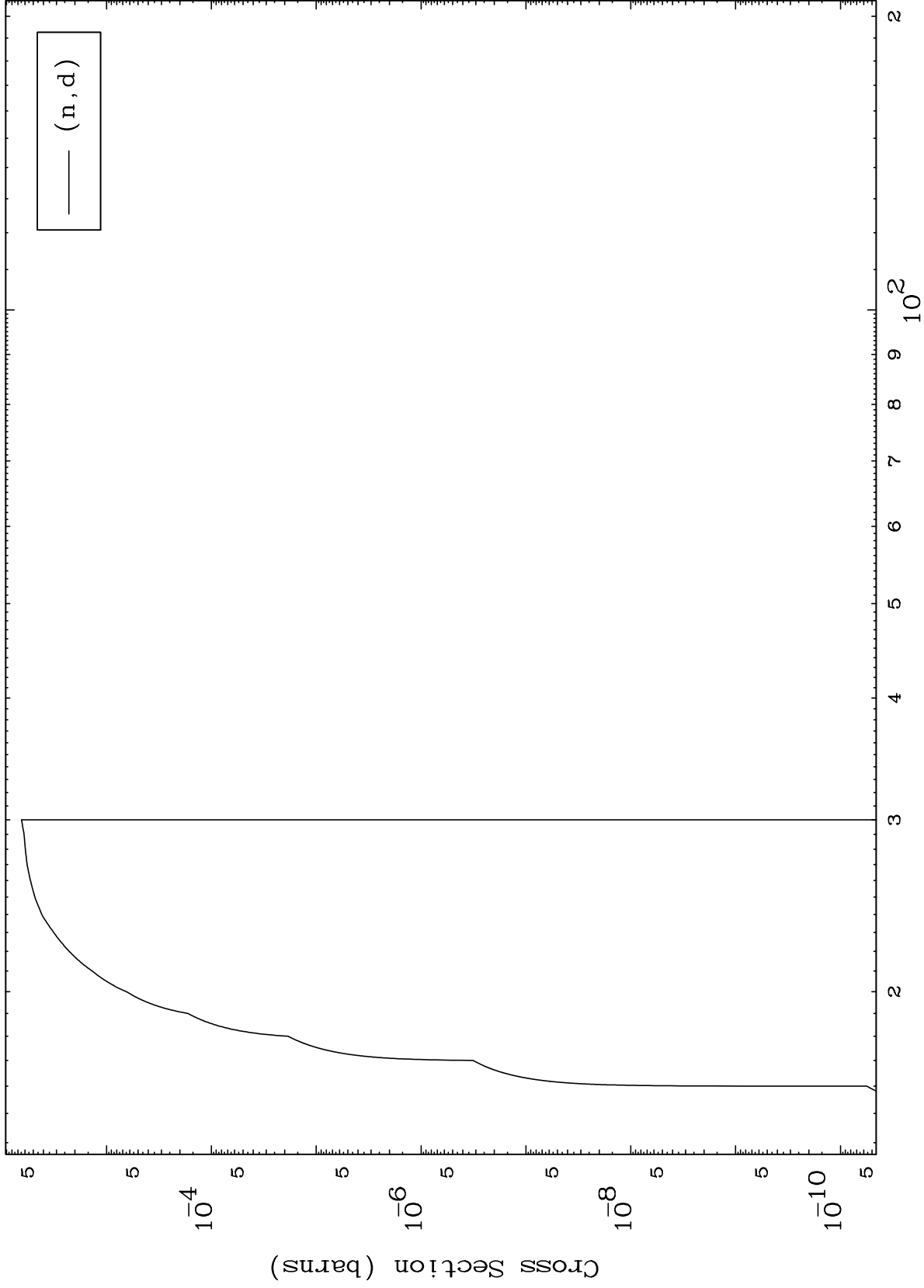
28-Ni-71

11

MAT 2864

(n,d) Levels  
293 Kelvin Cross Sections

28-Ni-71



12

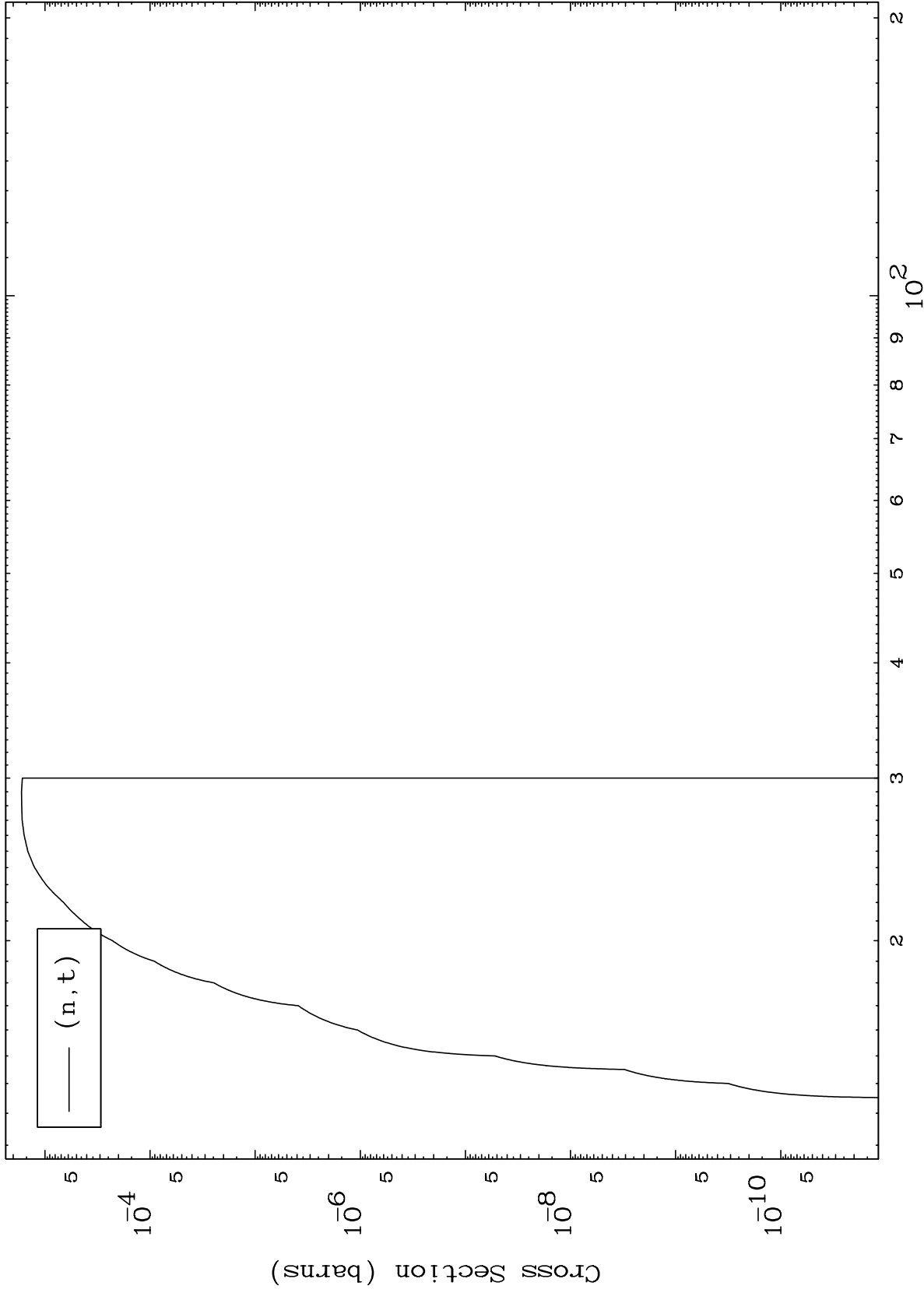
Incident Energy (MeV)

28-Ni-71

MAT 2864

(n,t) Levels  
293 Kelvin Cross Sections

28-Ni-71



13

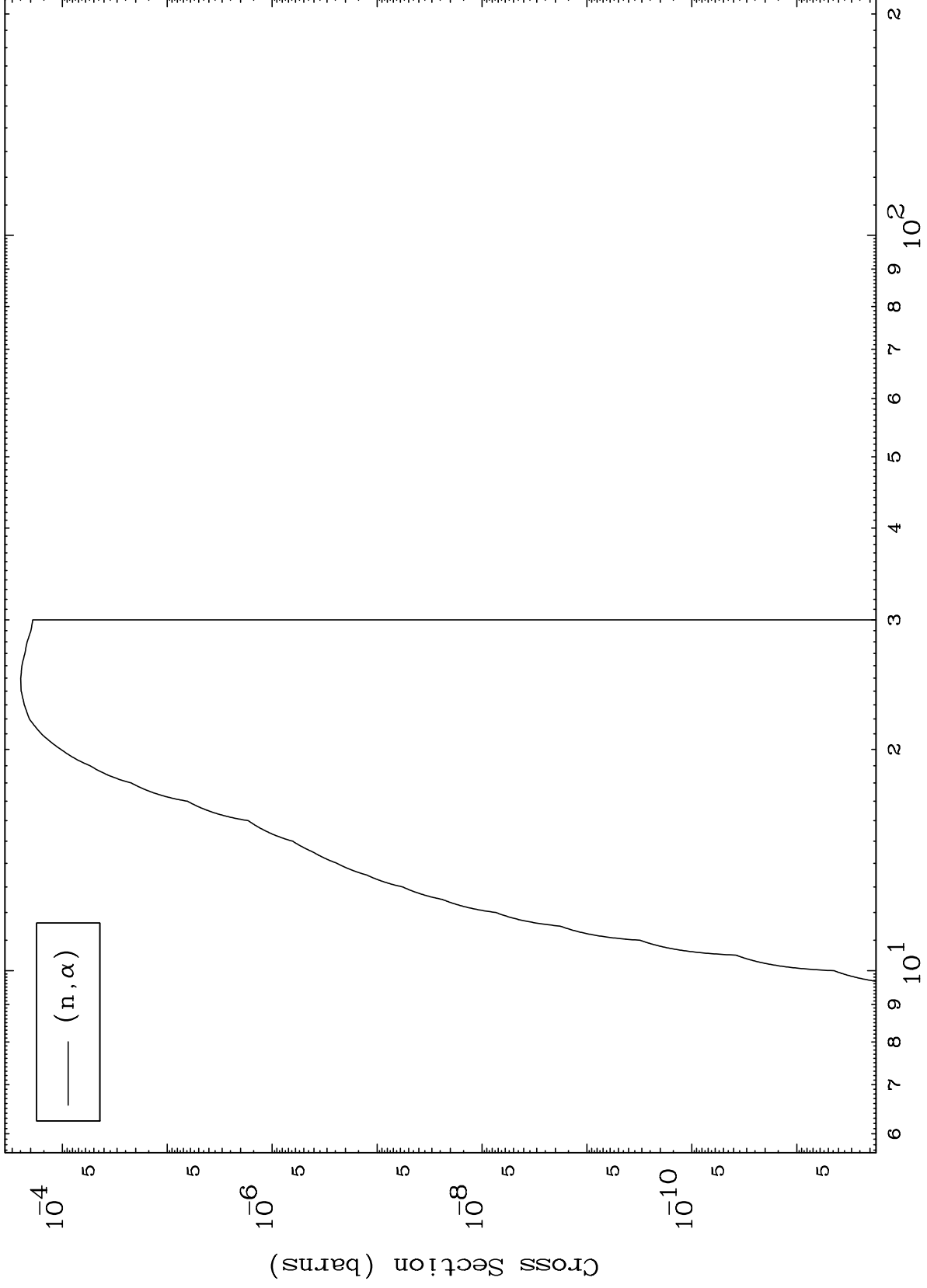
Incident Energy (MeV)

28-Ni-71

MAT 2864

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

28-Ni-71



14

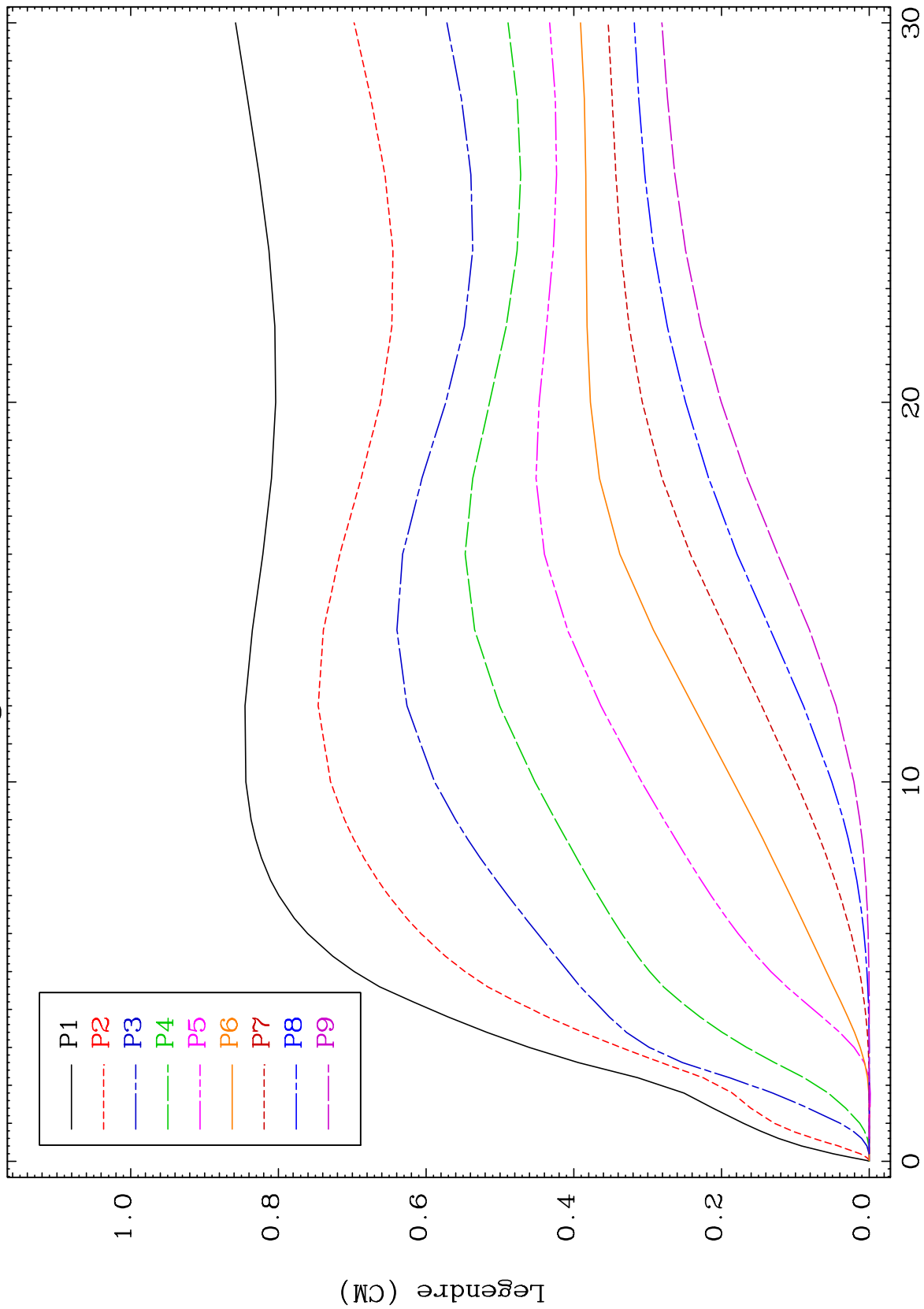
Incident Energy (MeV)

28-Ni-71

MAT 2864

Elastic Legendre Coefficients

<sup>28</sup>Ni-71

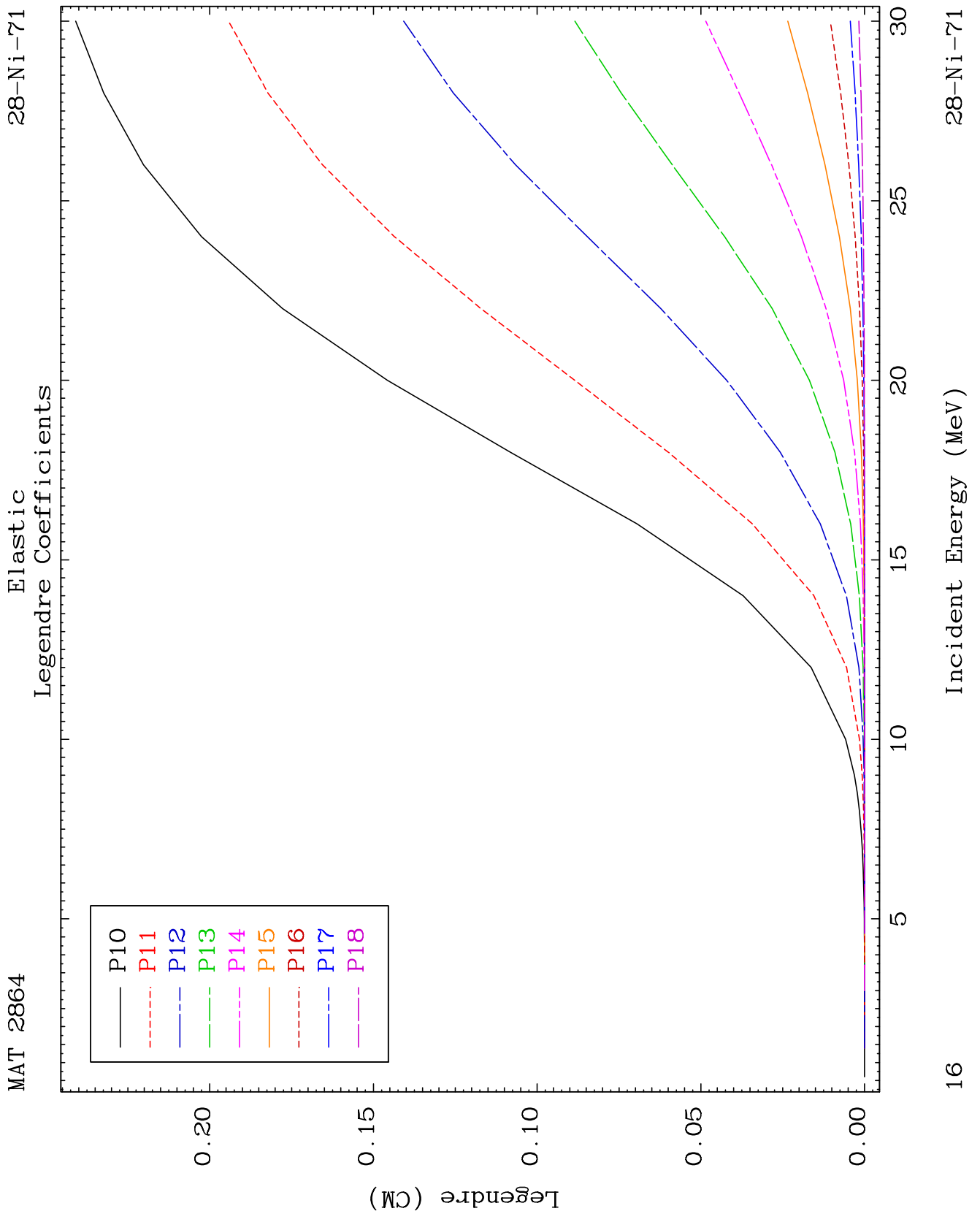


15

Incident Energy (MeV)

<sup>28</sup>Ni-71

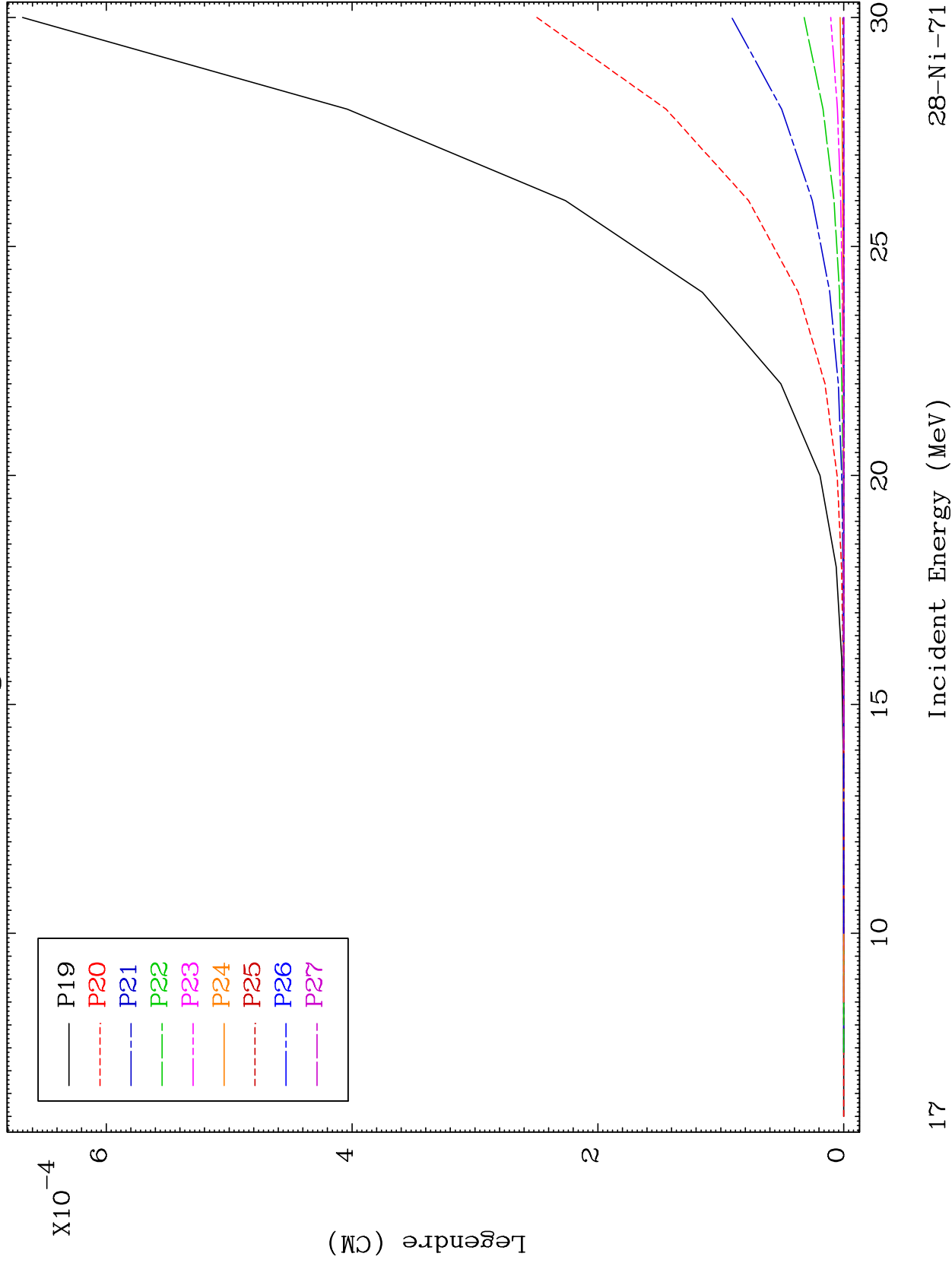




MAT 2864

Elastic  
Legendre Coefficients

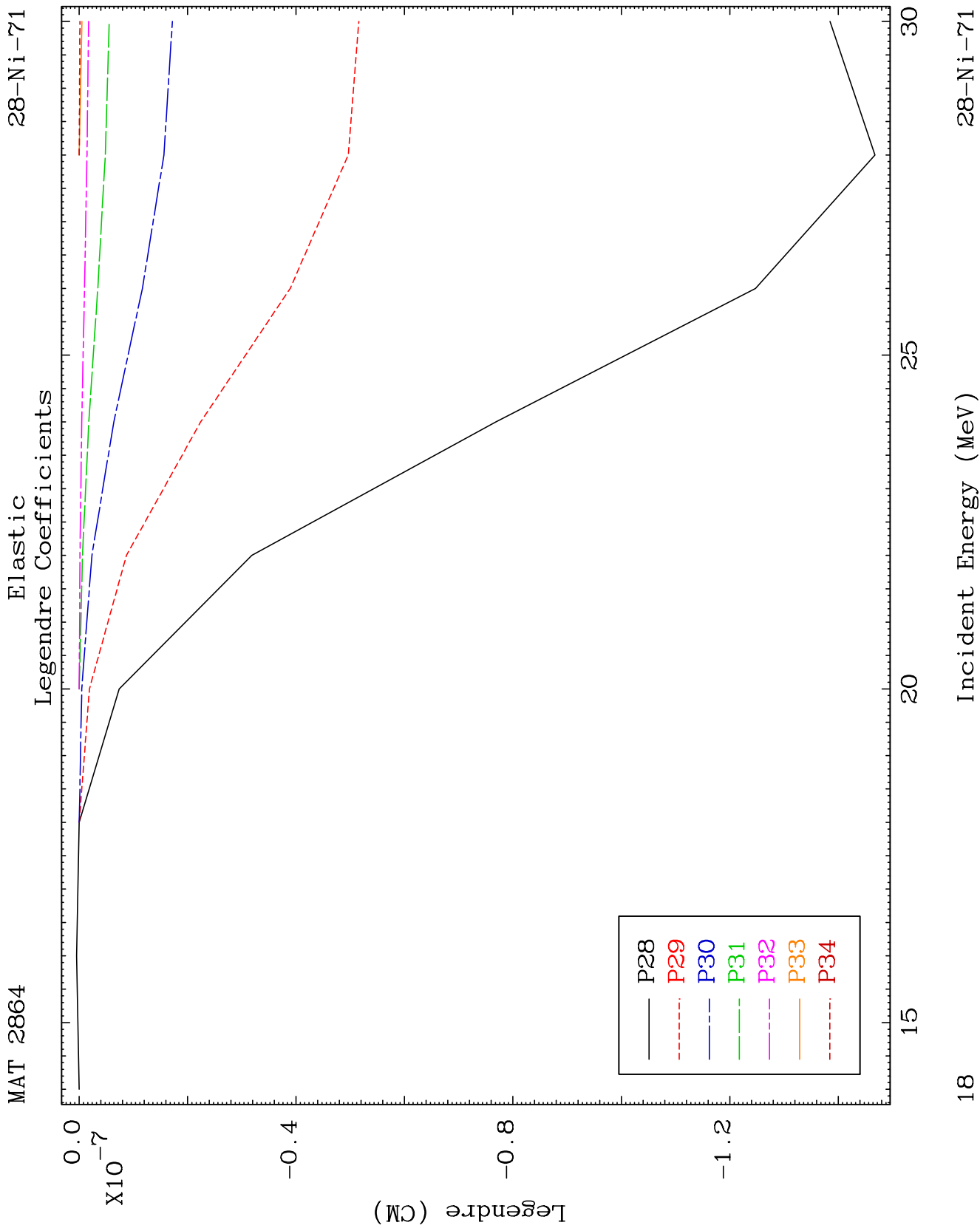
28-Ni-71



17

Incident Energy (MeV)

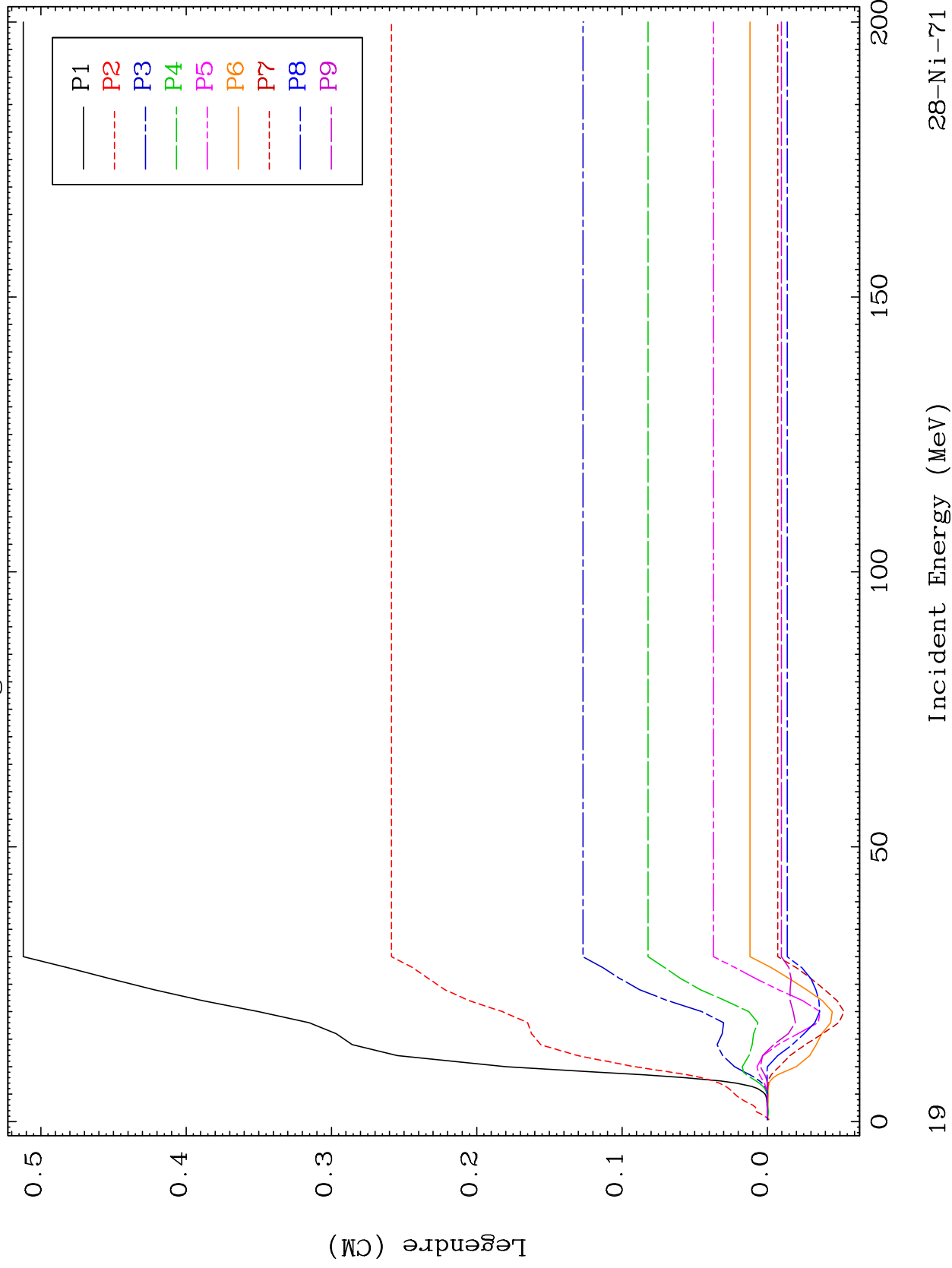
28-Ni-71



MAT 2864

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

<sup>28</sup>Ni-71



19

Incident Energy (MeV)

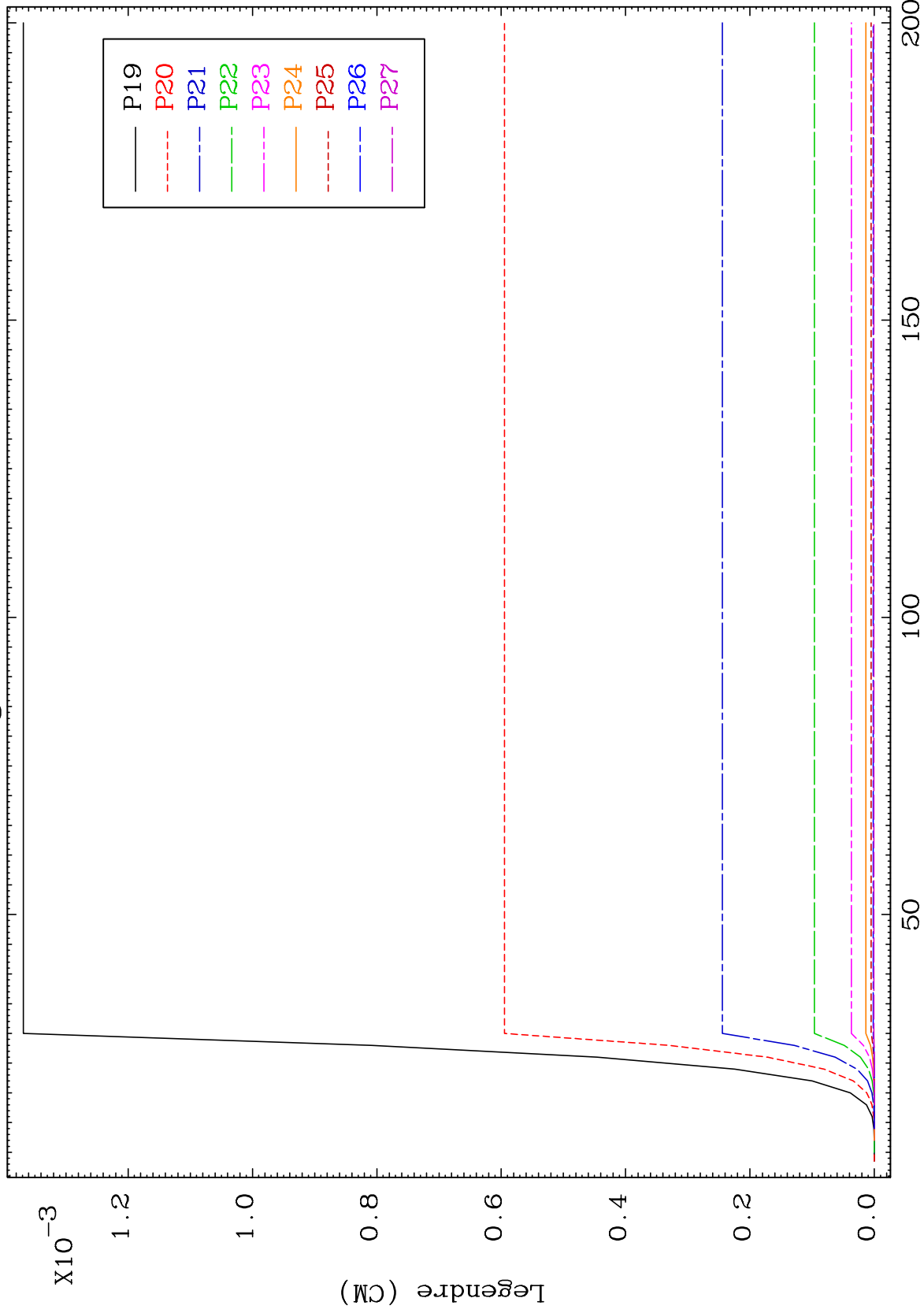
<sup>28</sup>Ni-71



MAT 2864

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

28-Ni-71



21

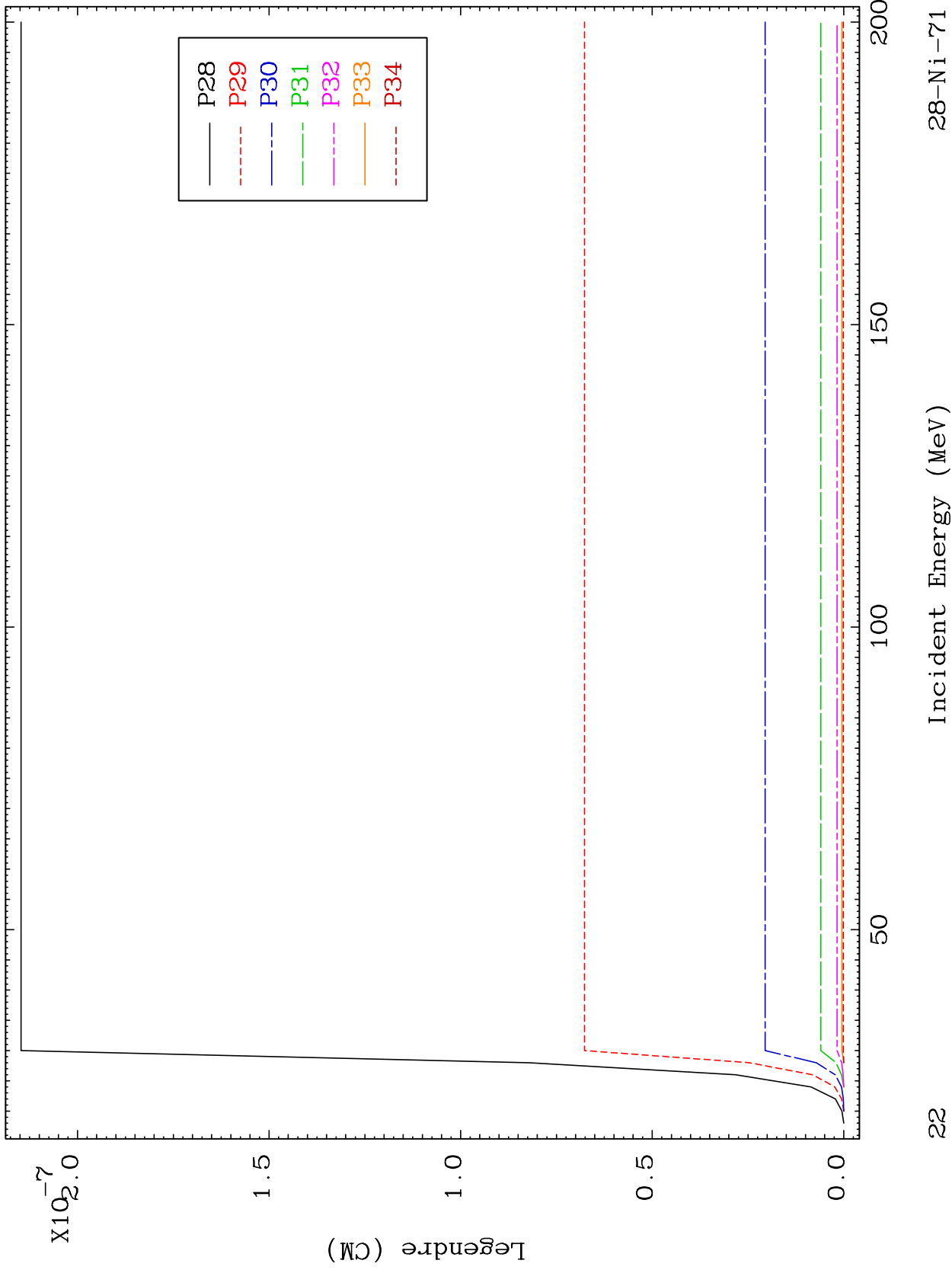
Incident Energy (MeV)

28-Ni-71

MAT 2864

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

28-Ni-71

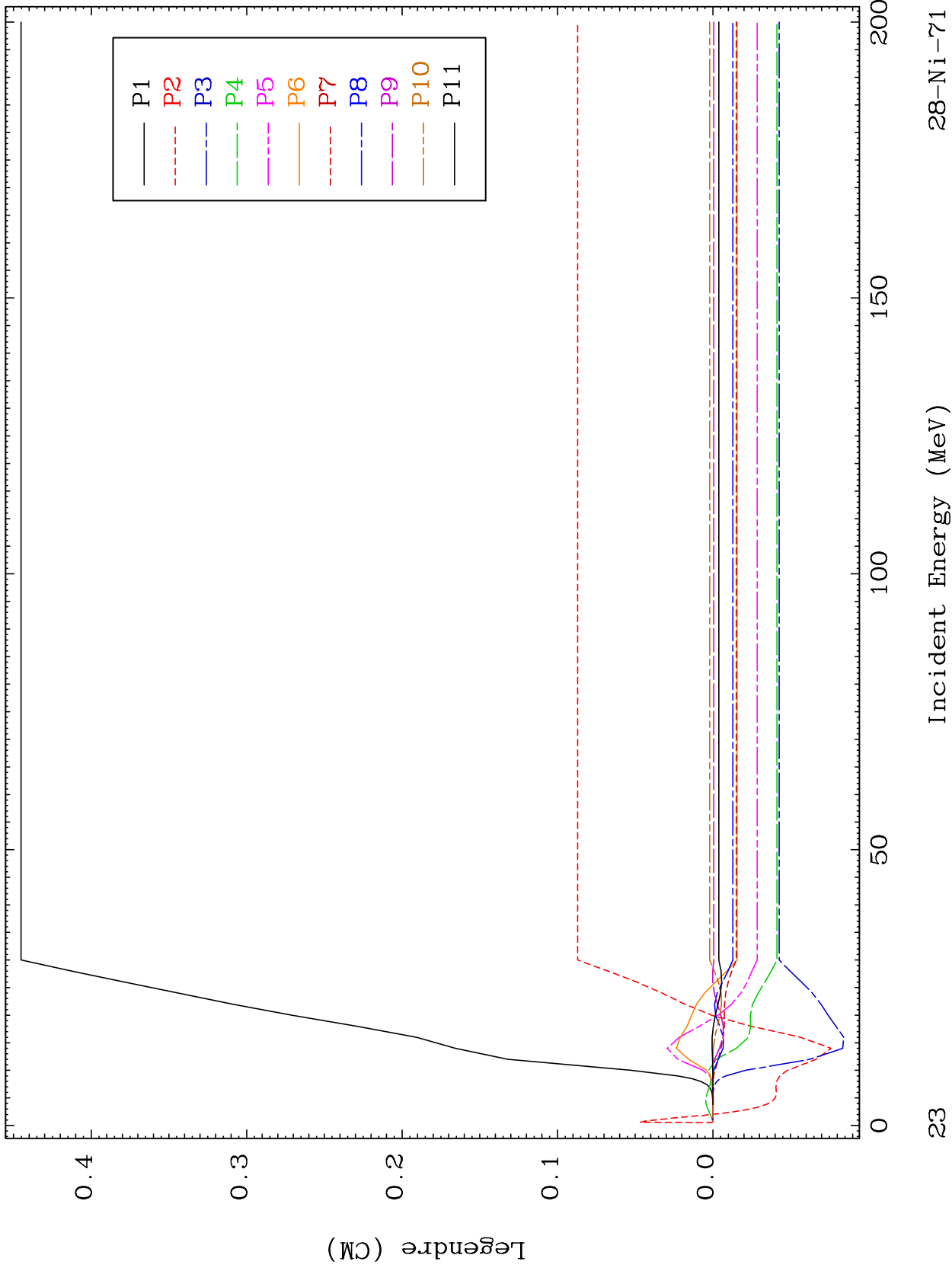


22

MAT 2864

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

28-Ni-71



23

Incident Energy (MeV)

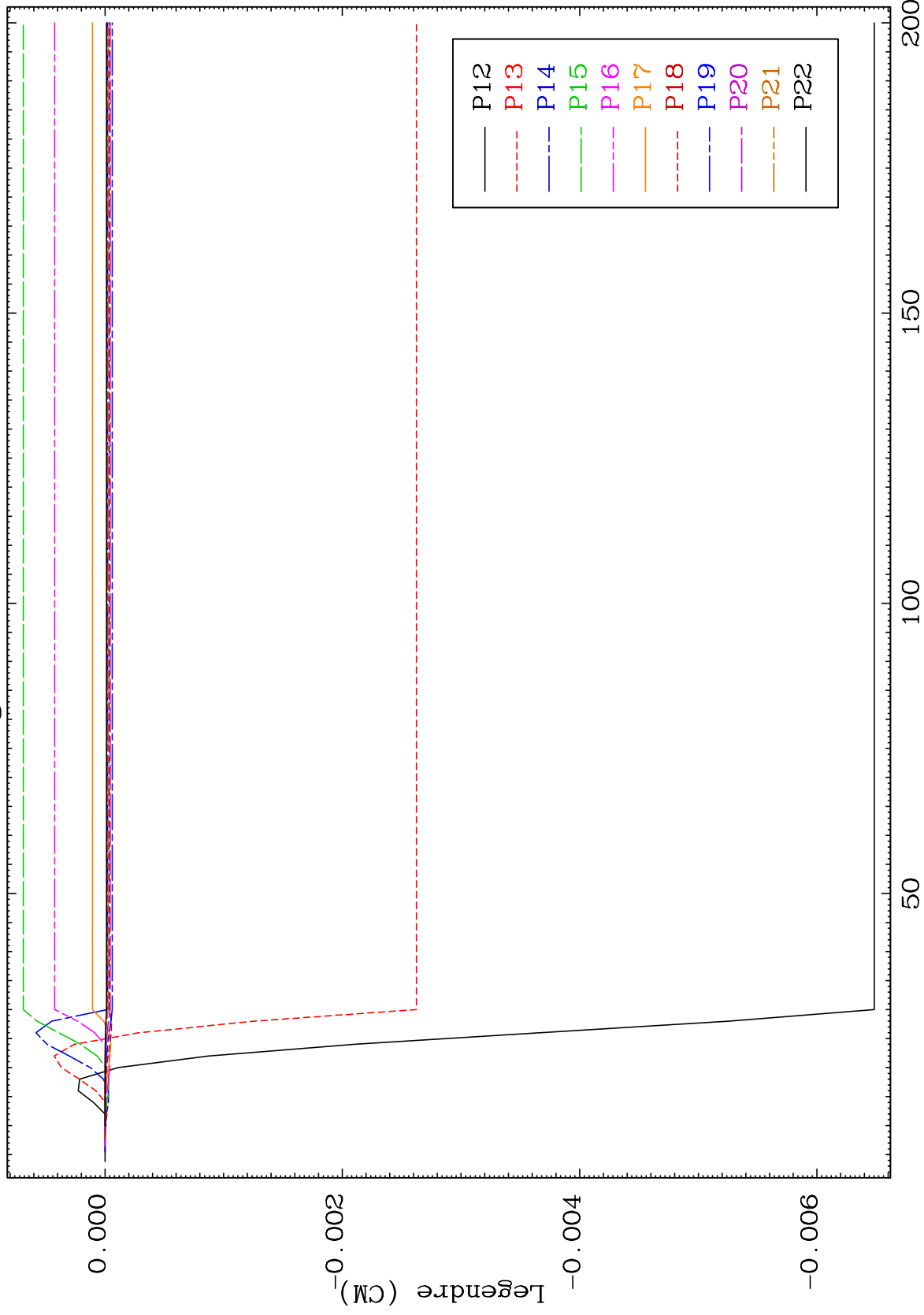
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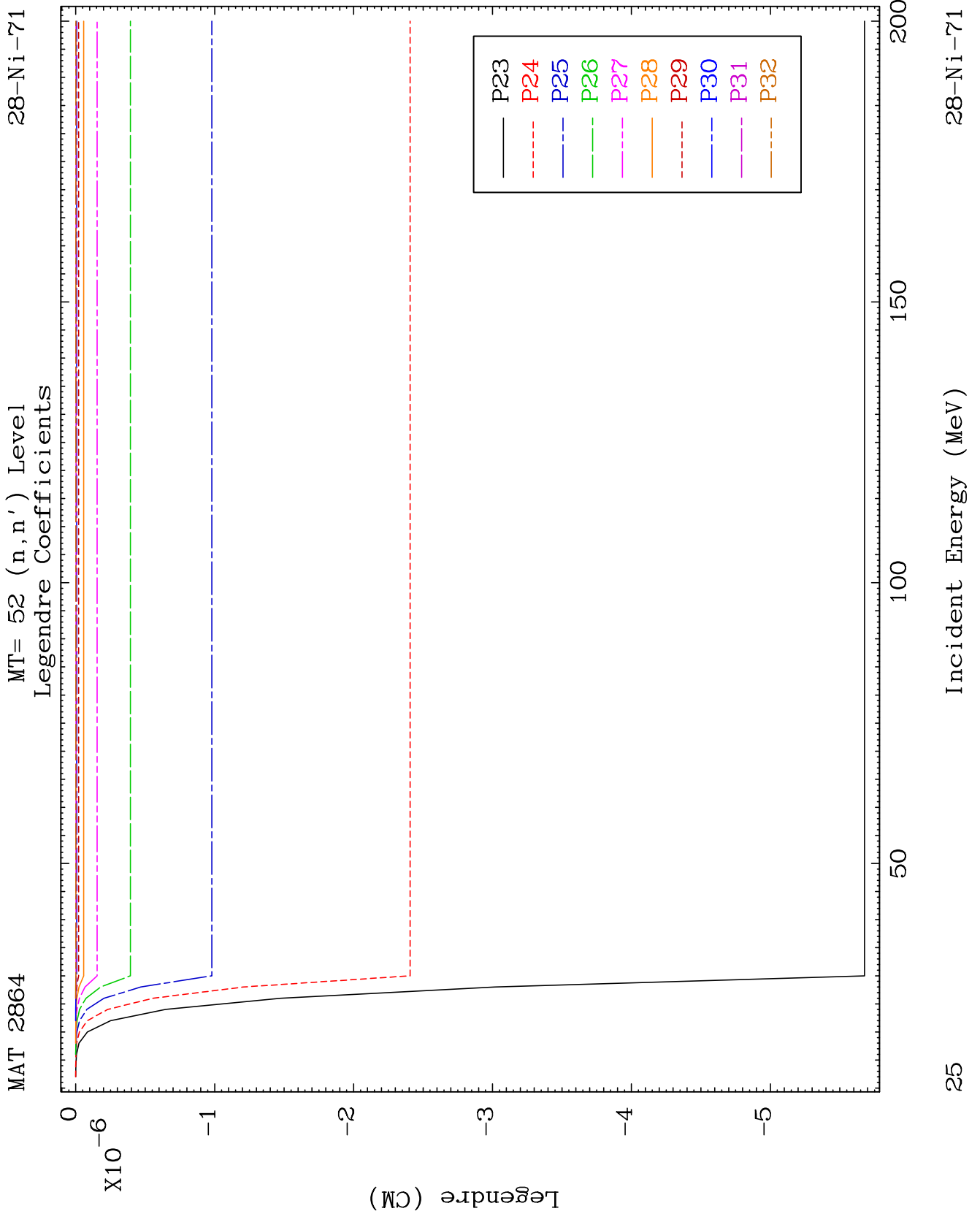


MAT 2864

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

28-Ni-71

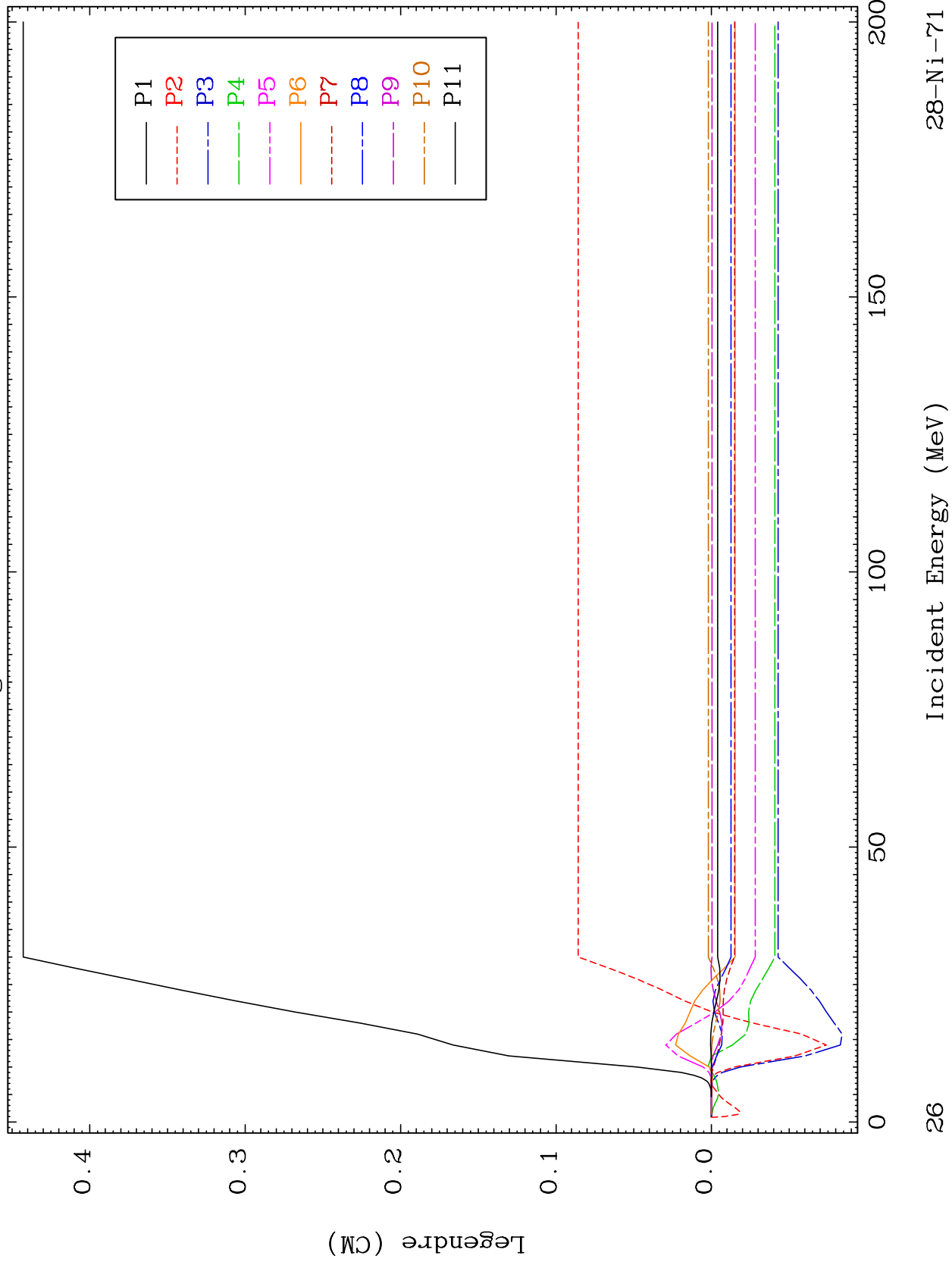




MAT 2864

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

28-Ni-71



28-Ni-71

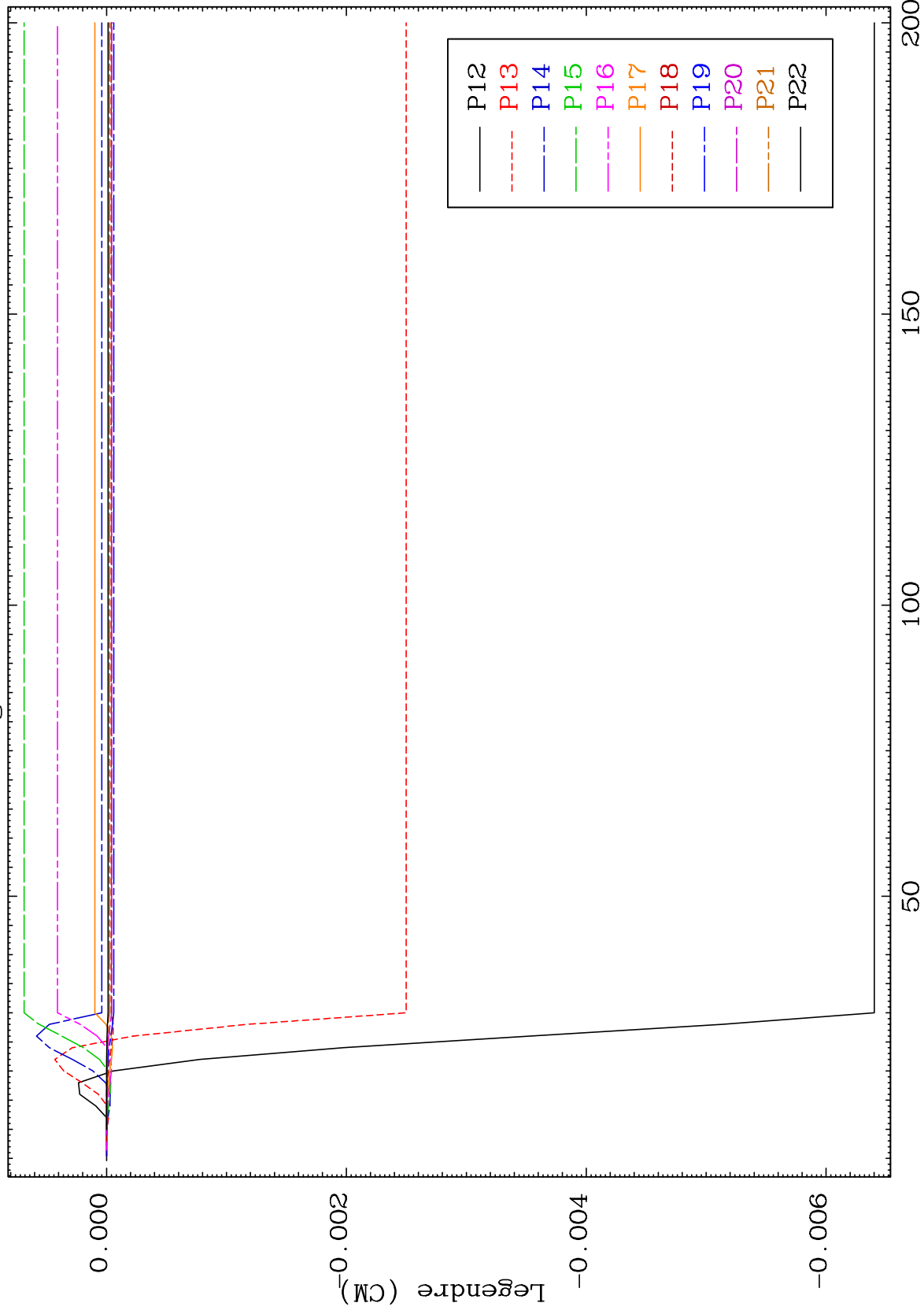
Incident Energy (MeV)

26

MAT 2864

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

28-Ni-71



27

Incident Energy (MeV)

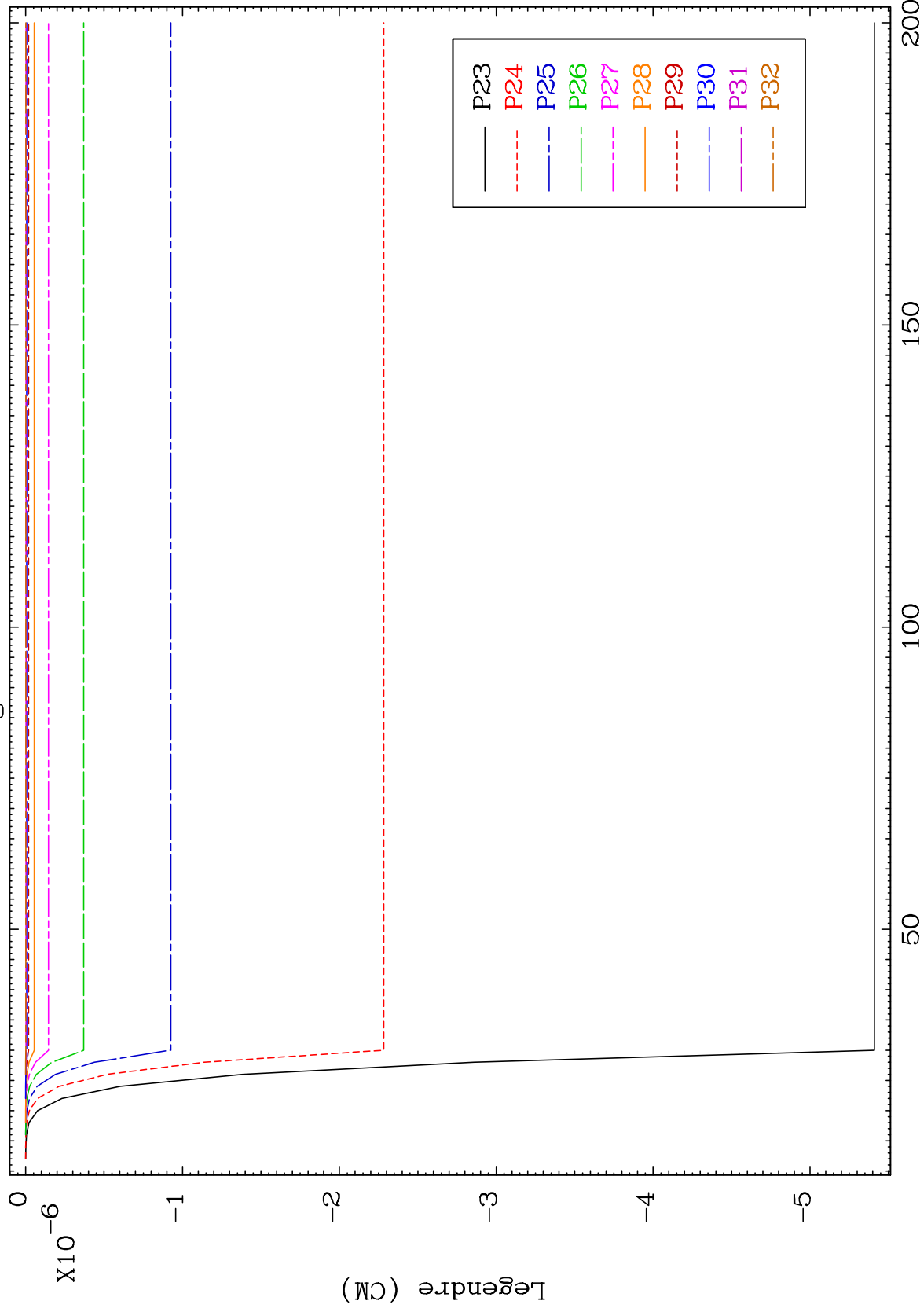
28-Ni-71

MAT 2864

MT= 53 (n,n') Level

28-Ni-71

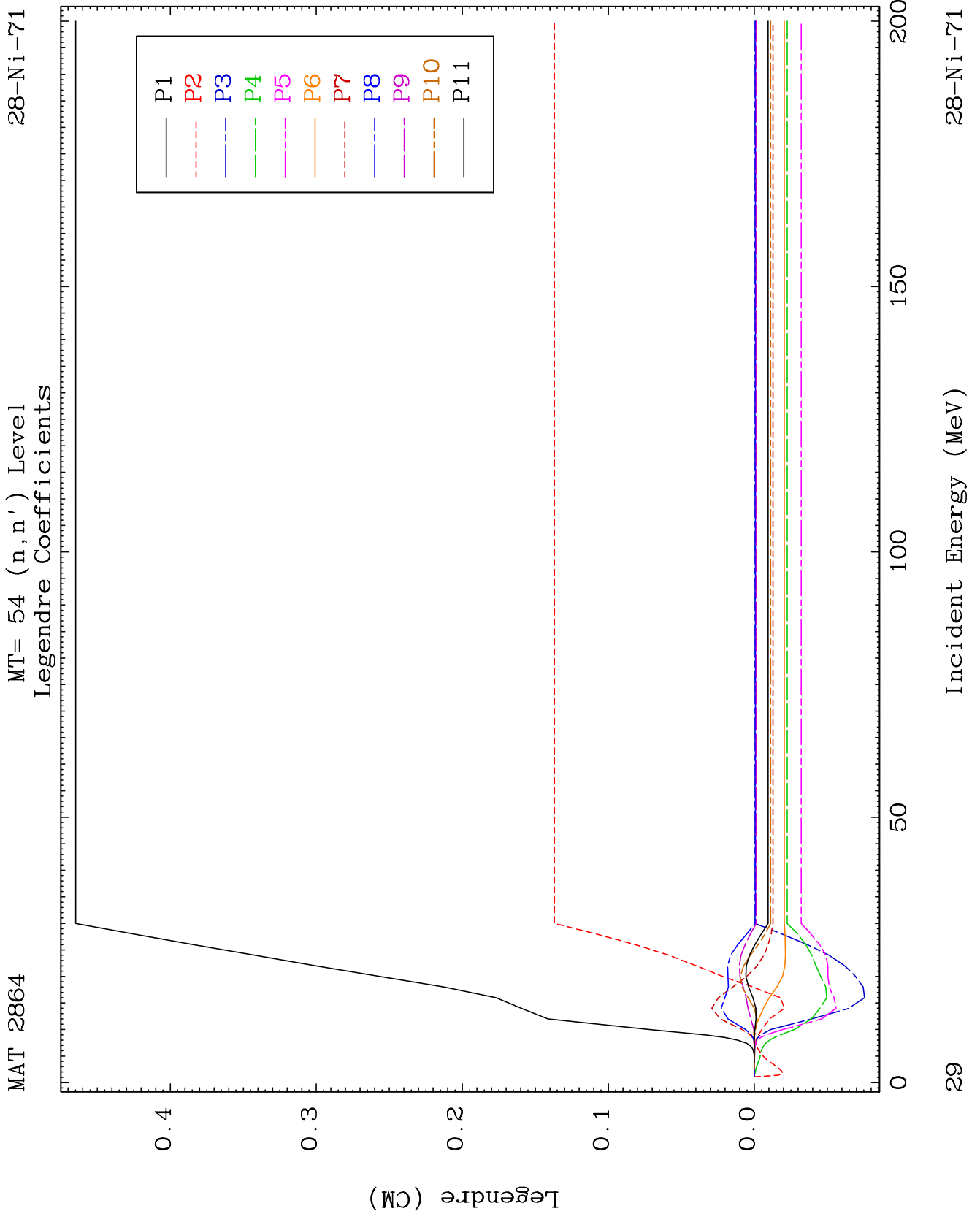
Legendre Coefficients



28

Incident Energy (MeV)

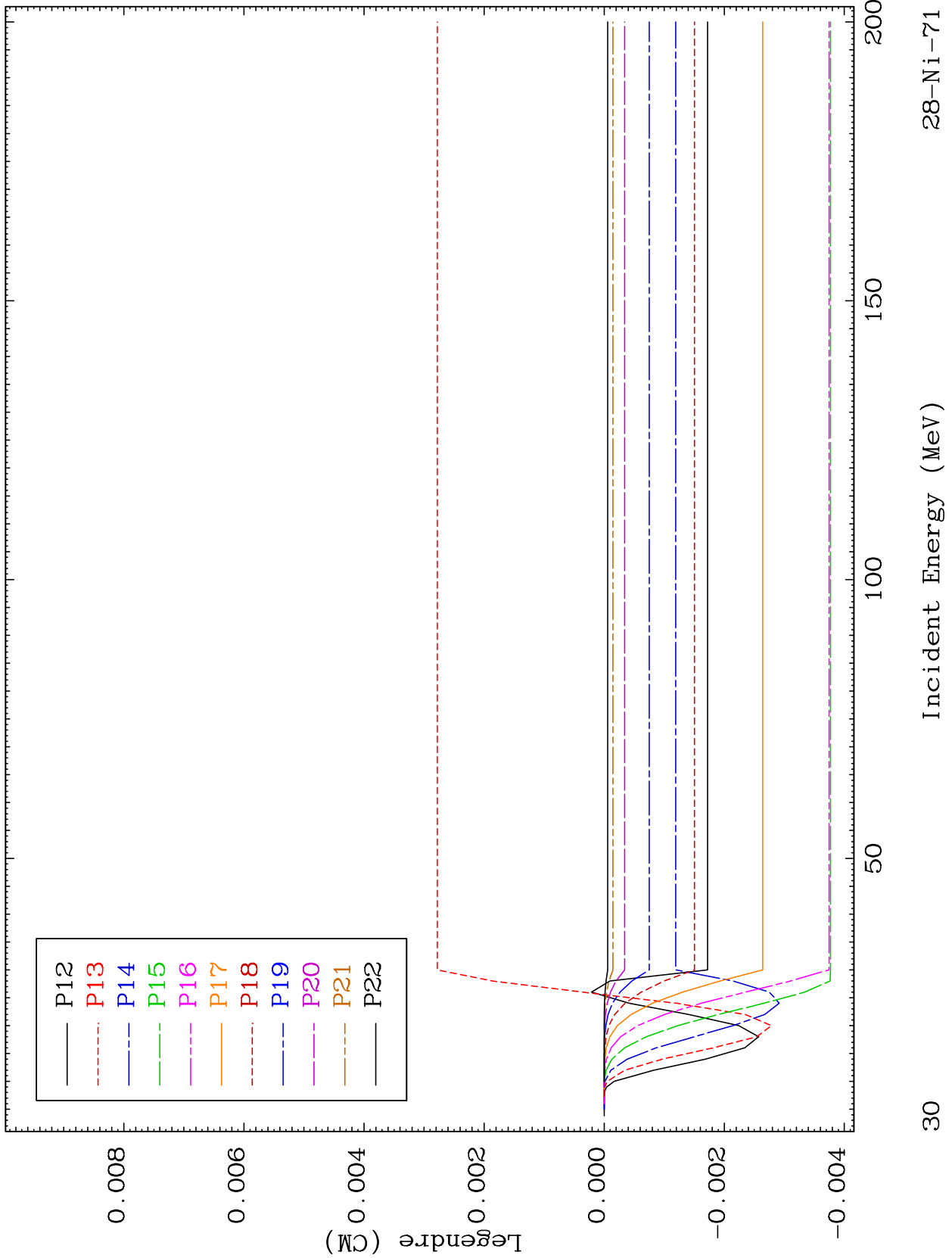
28-Ni-71



MAT 2864

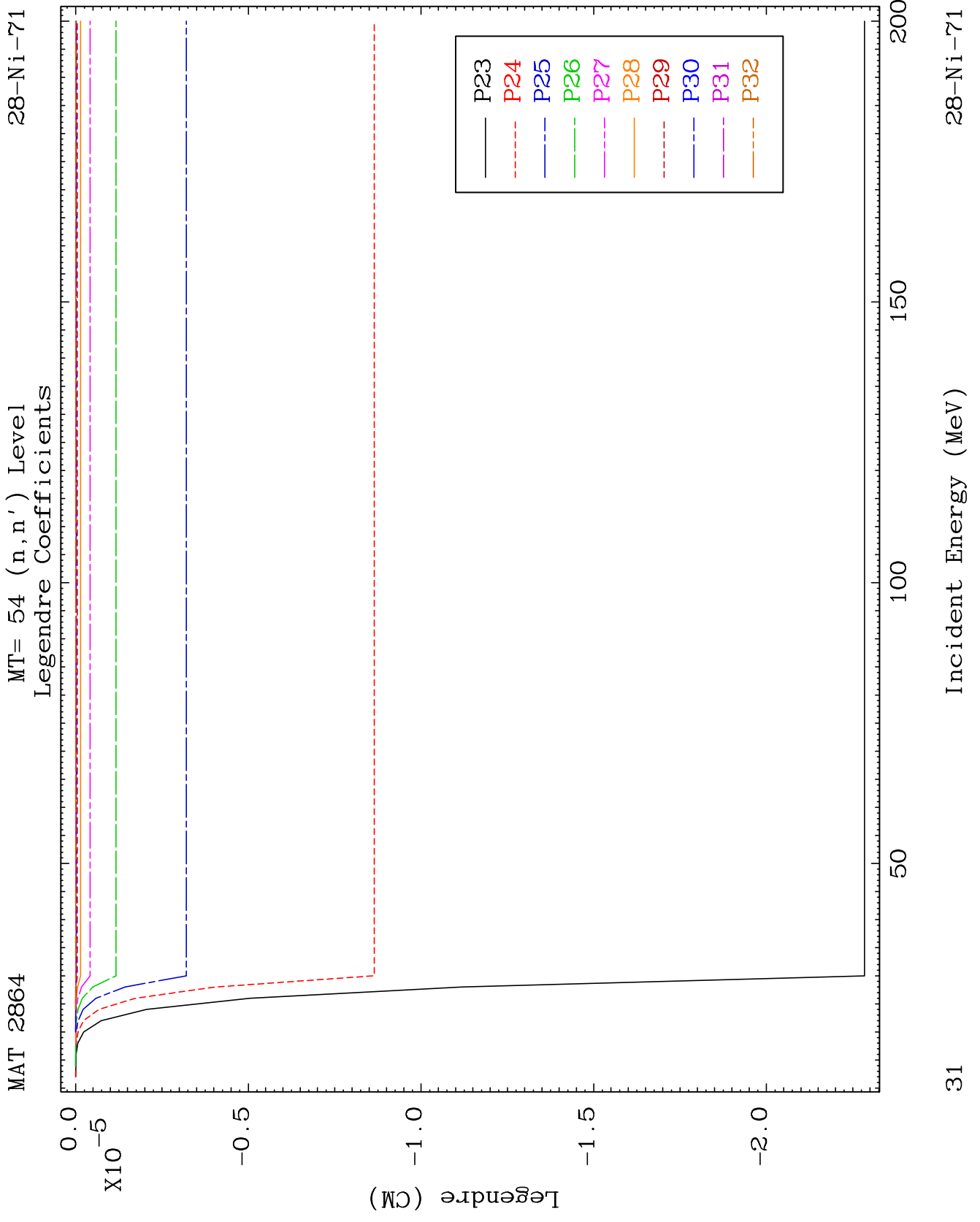
MT= 54 (n,n') Level  
Legendre Coefficients

28-Ni-71

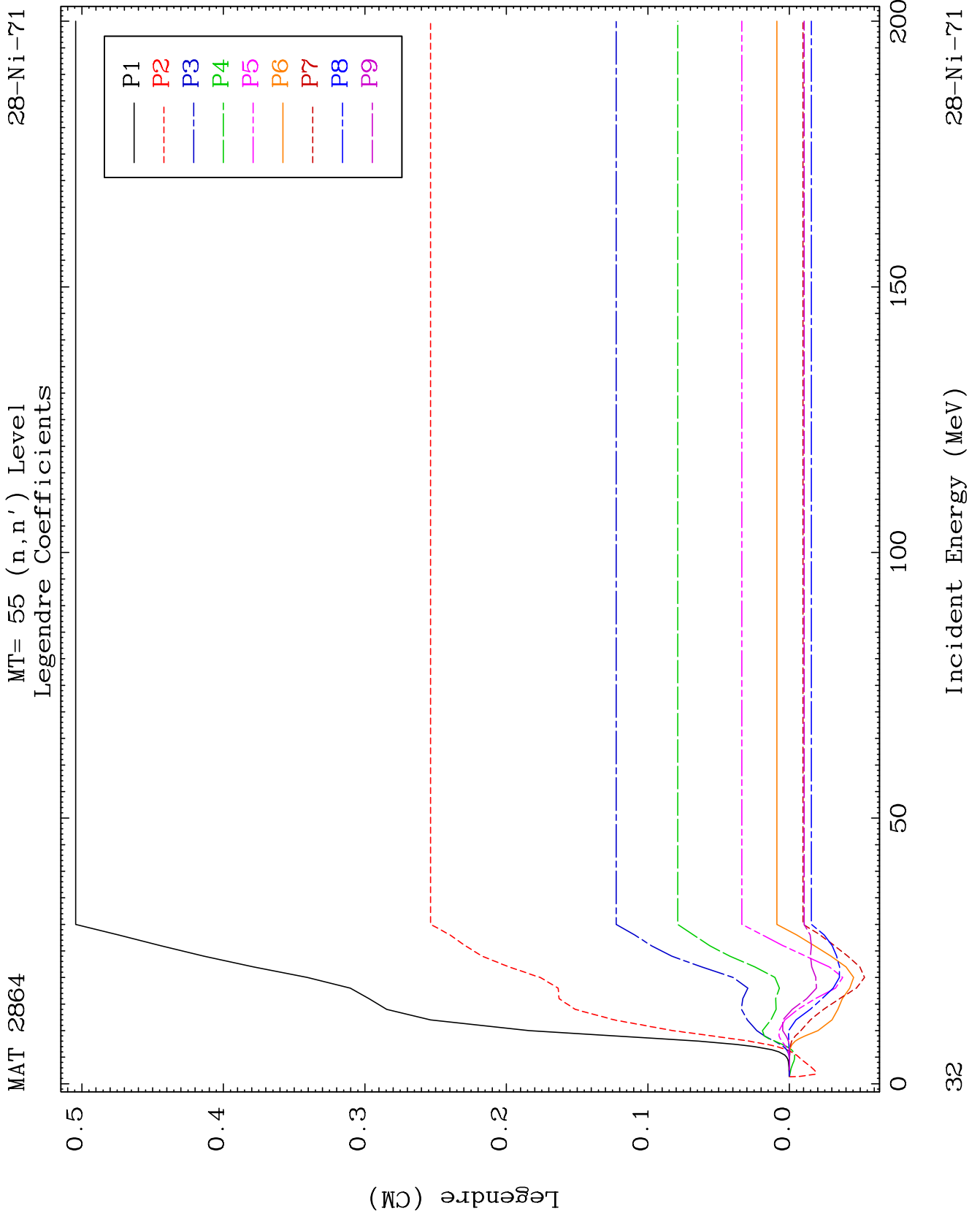


30

28-Ni-71



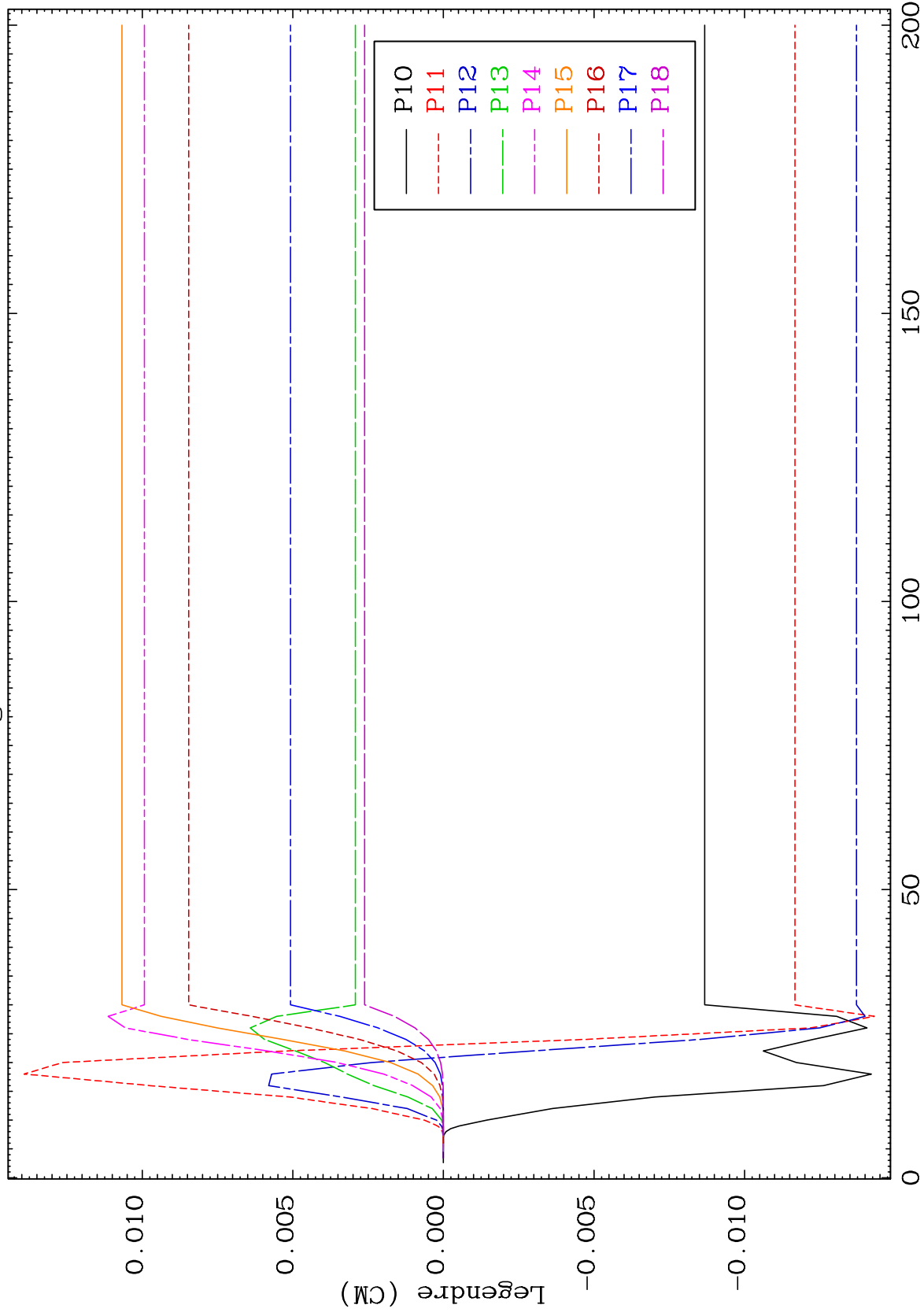




MAT 2864

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

28-Ni-71



33

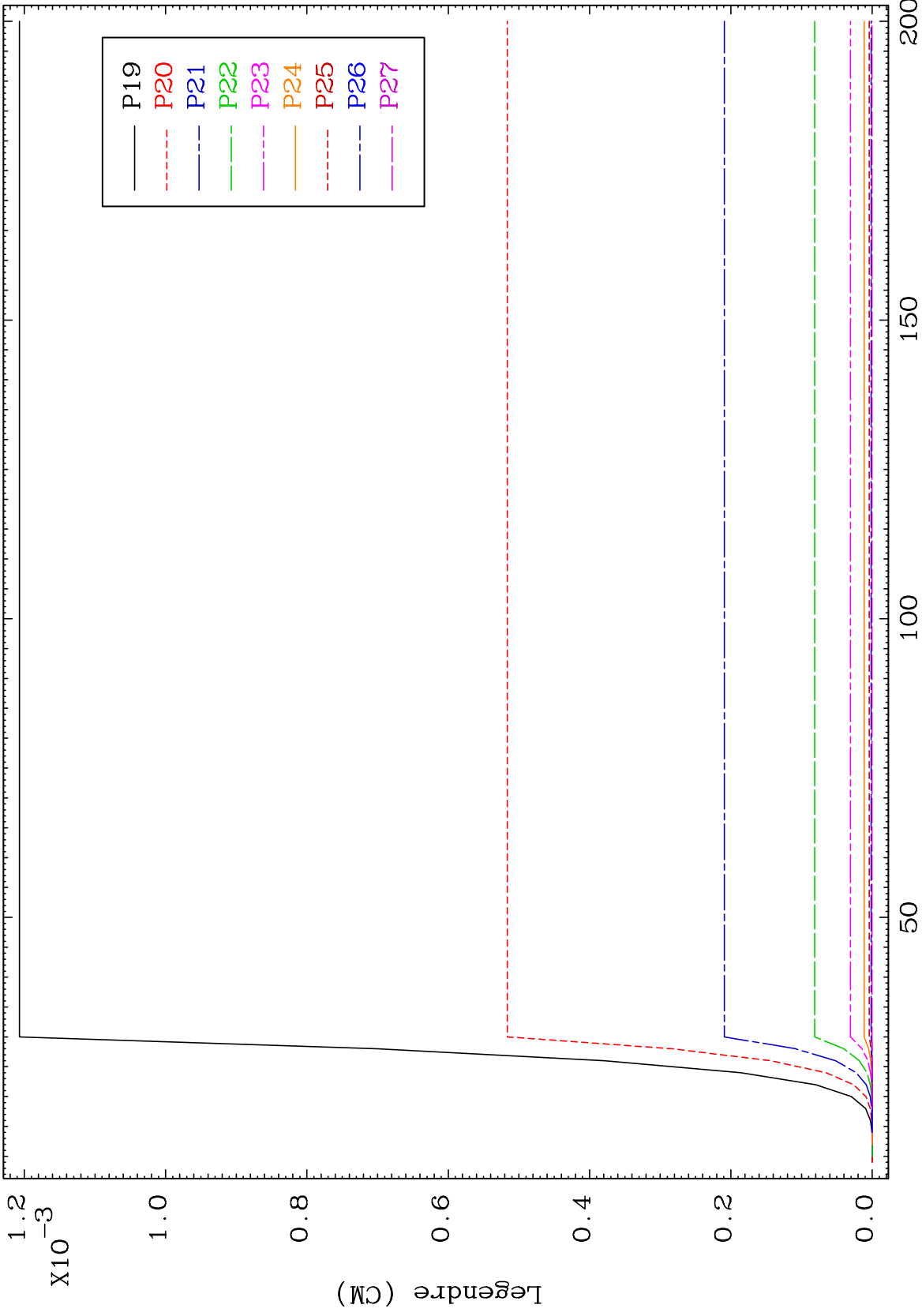
Incident Energy (MeV)

28-Ni-71

MAT 2864

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

28-Ni-71



34

Incident Energy (MeV)

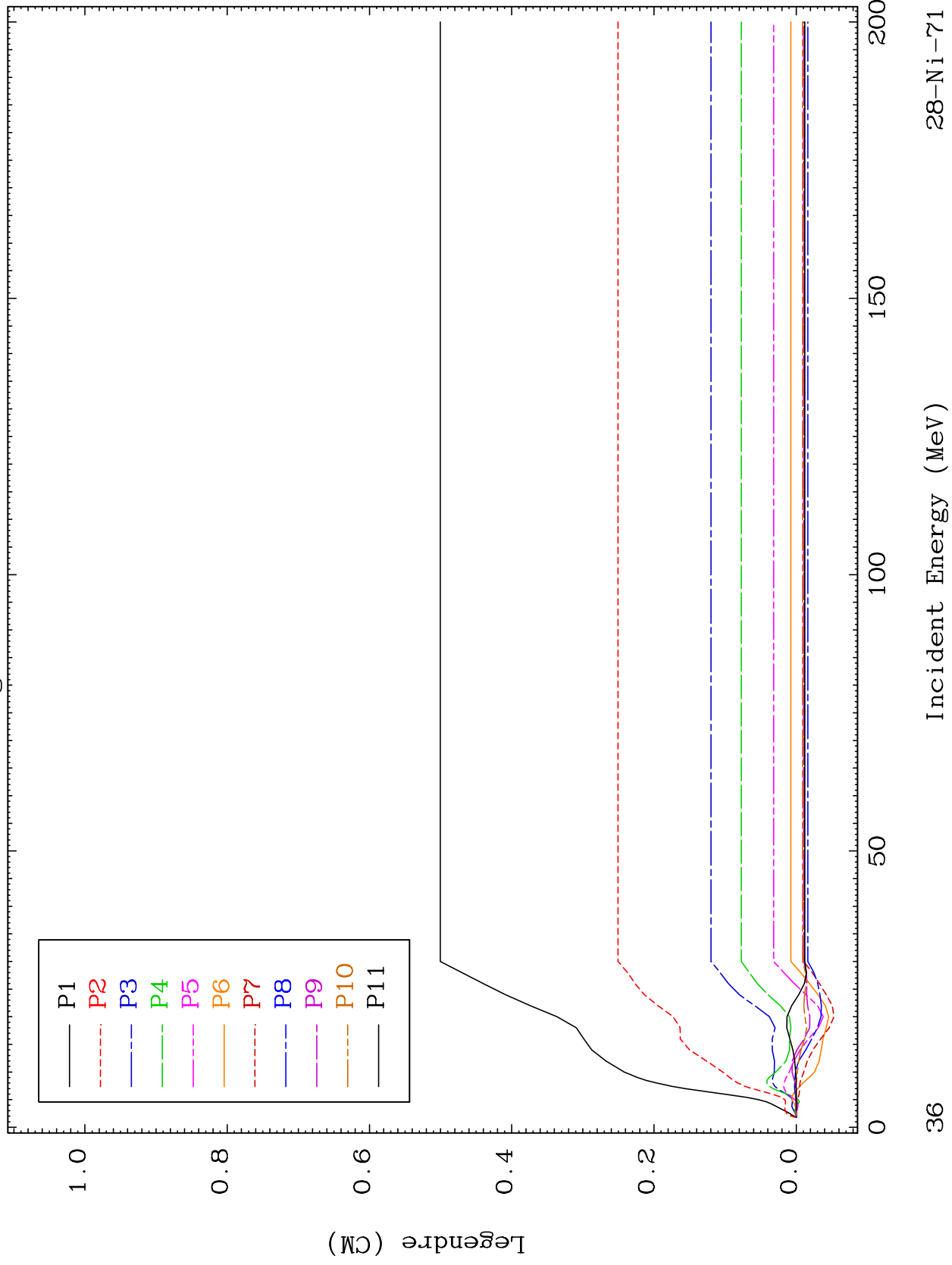
28-Ni-71



MAT 2864

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

28-Ni-71



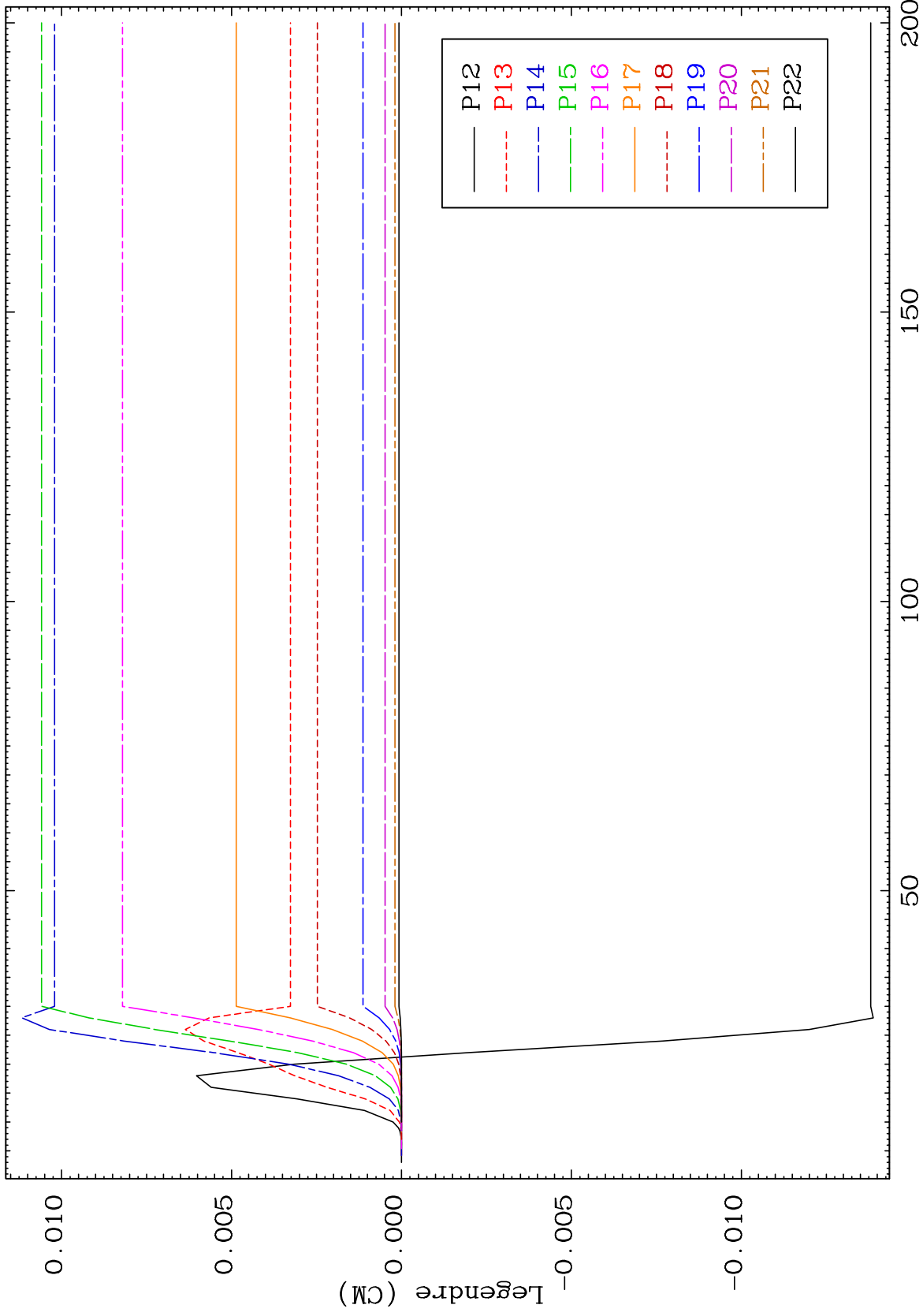
36

28-Ni-71

MAT 2864

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

28-Ni-71



37

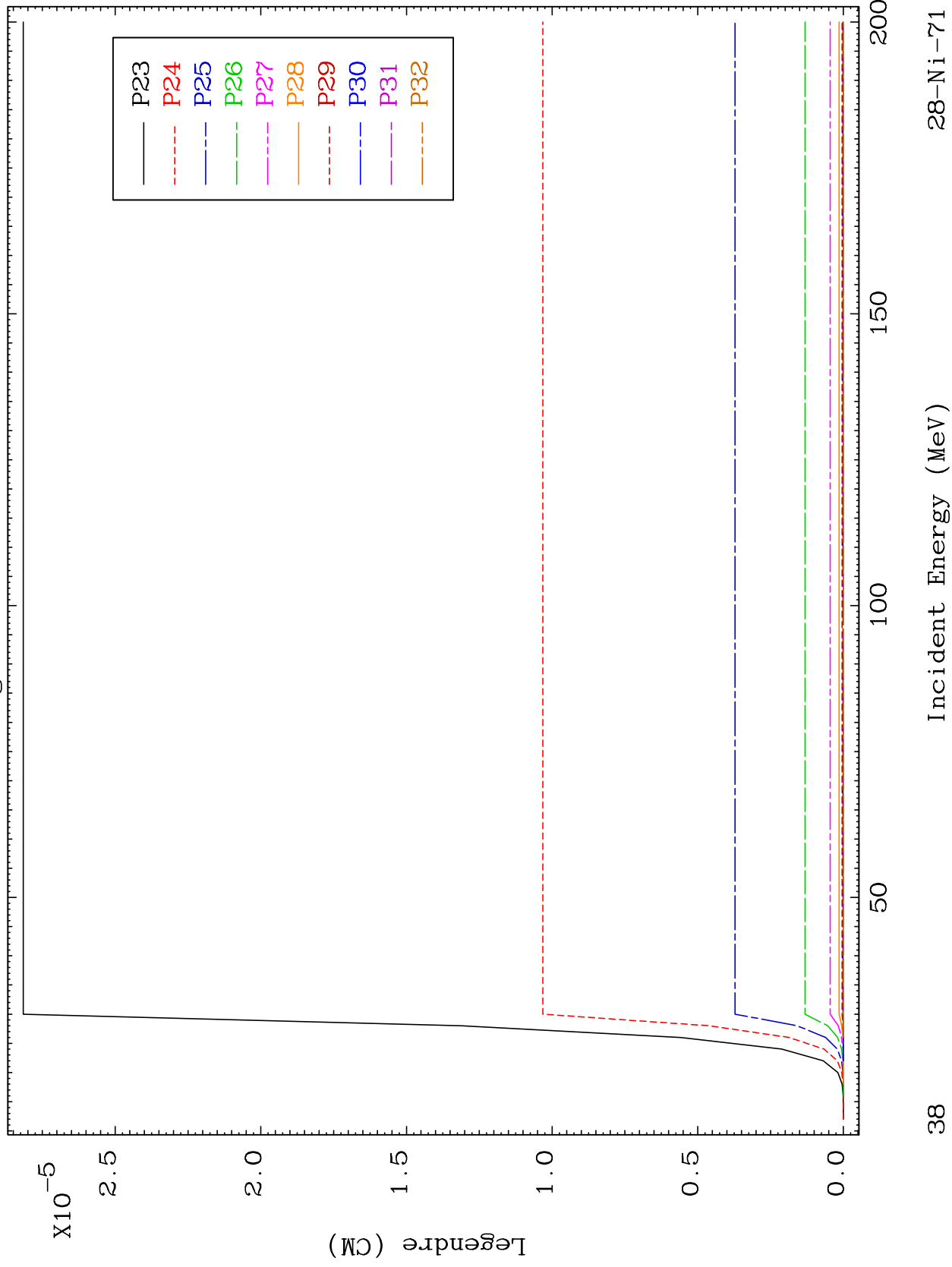
Incident Energy (MeV)

28-Ni-71

MAT 2864

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

28-Ni-71

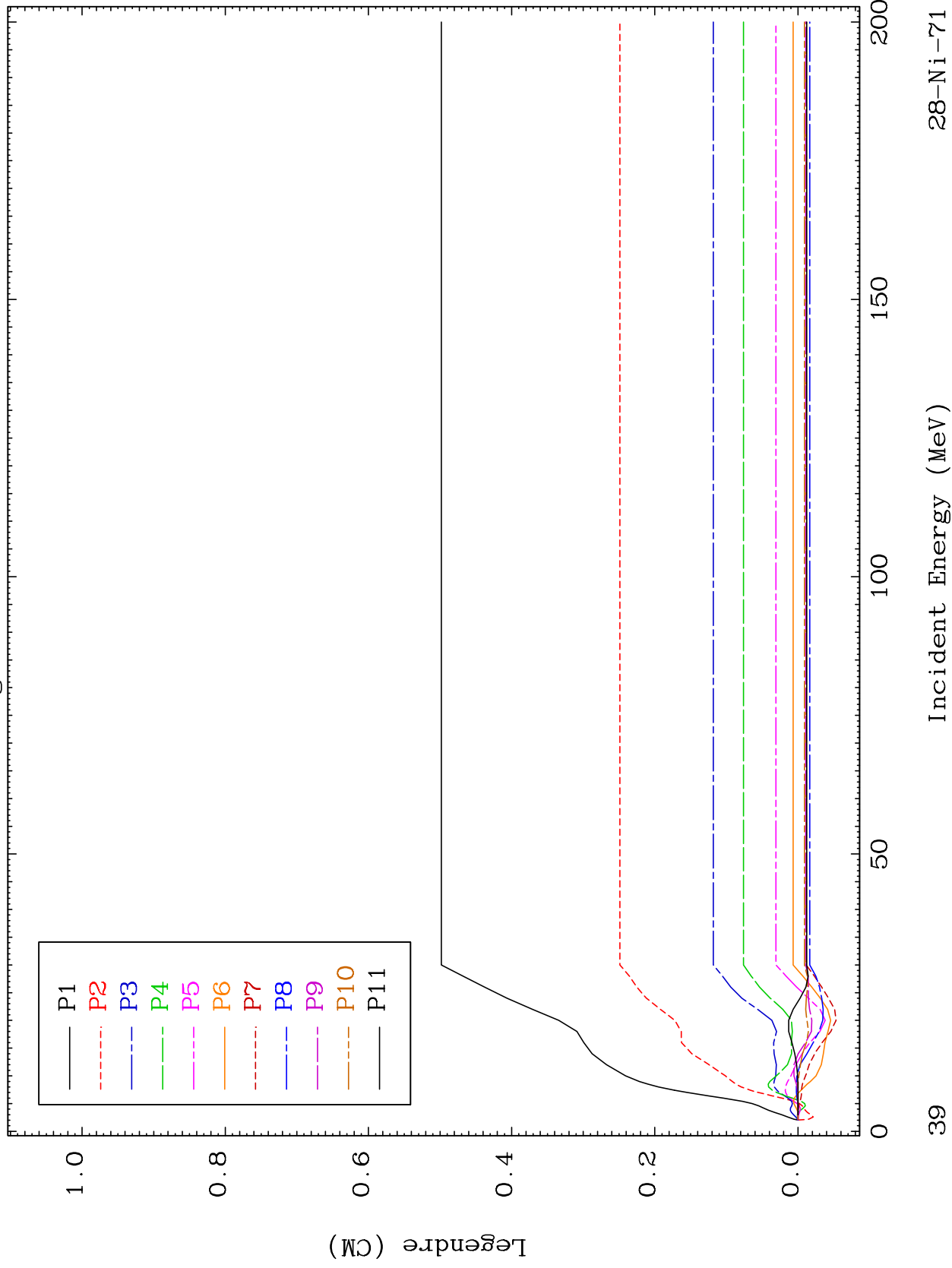


38

MAT 2864

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

28-Ni-71



28-Ni-71

Incident Energy (MeV)

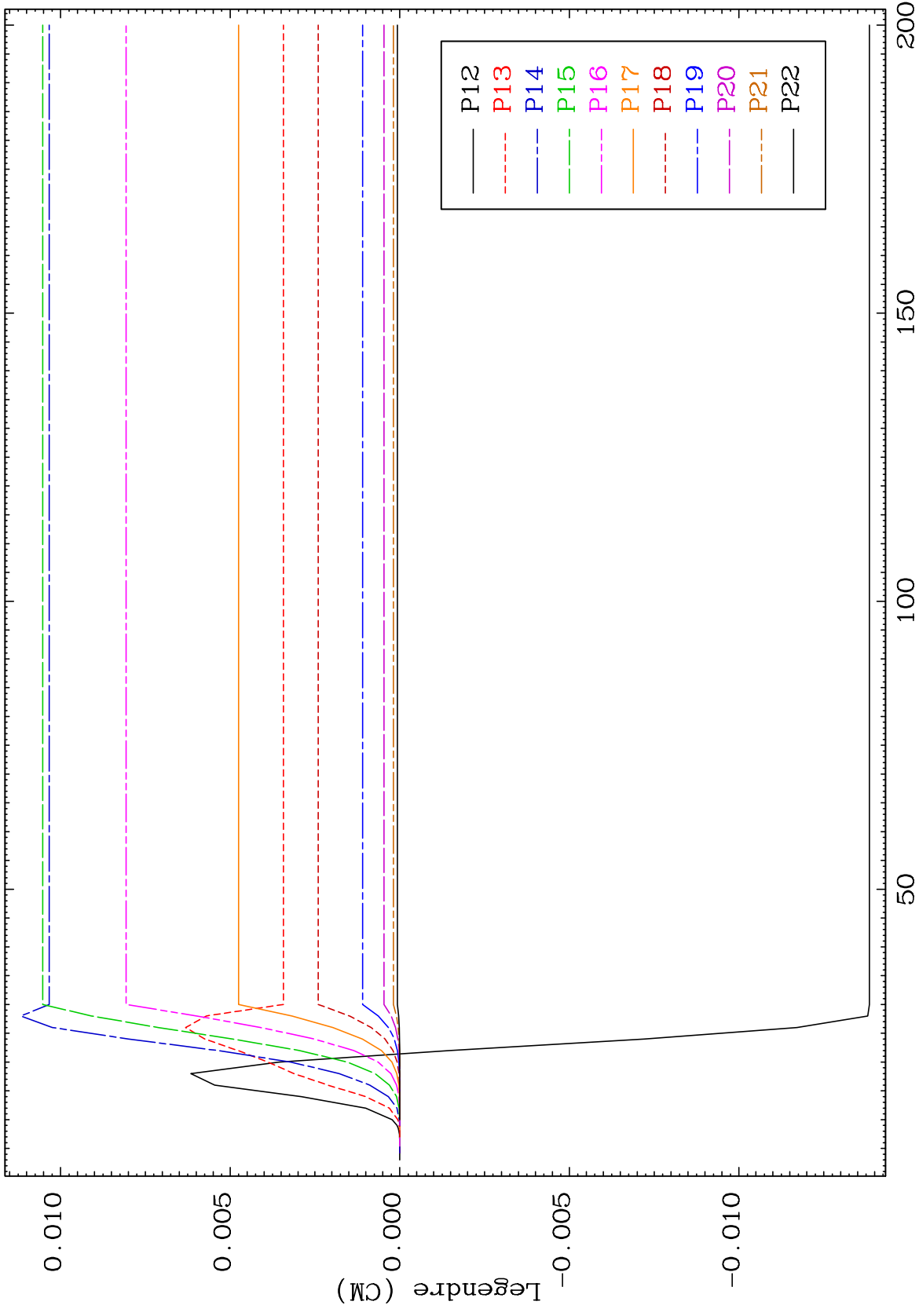
39



MAT 2864

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

28-Ni-71



40

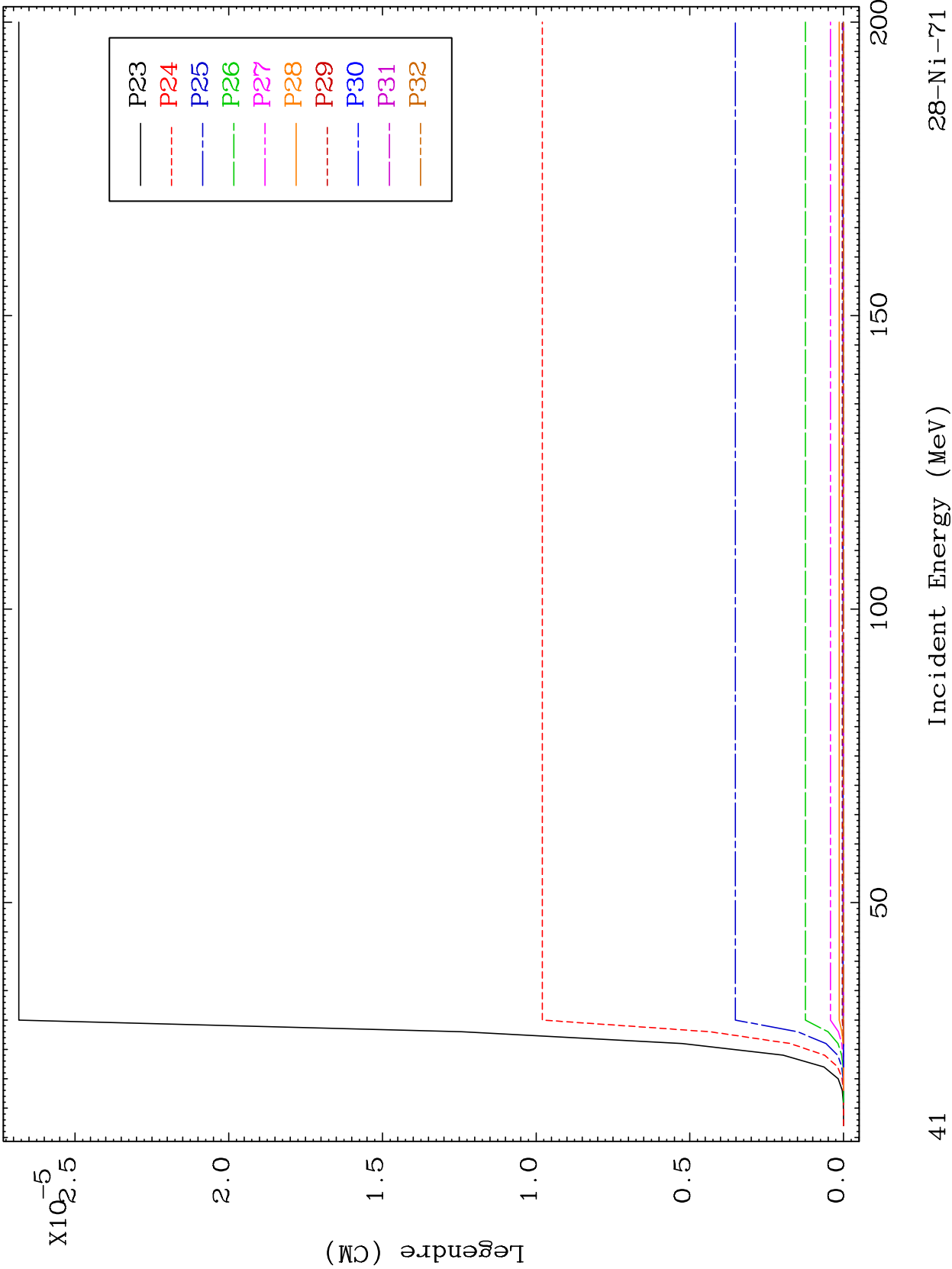
Incident Energy (MeV)

28-Ni-71

MAT 2864

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

28-Ni-71

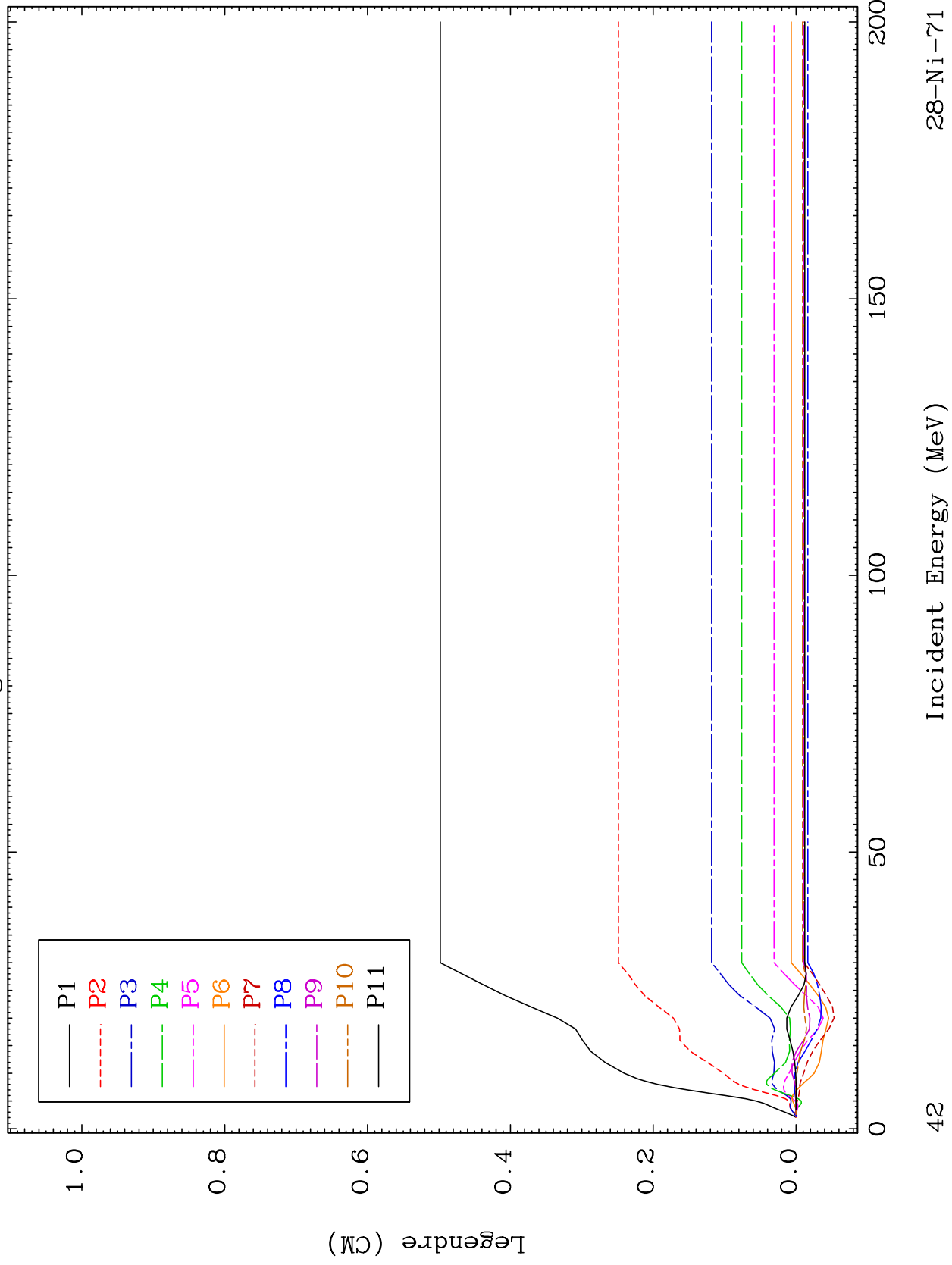


41

MAT 2864

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

28-Ni-71



28-Ni-71

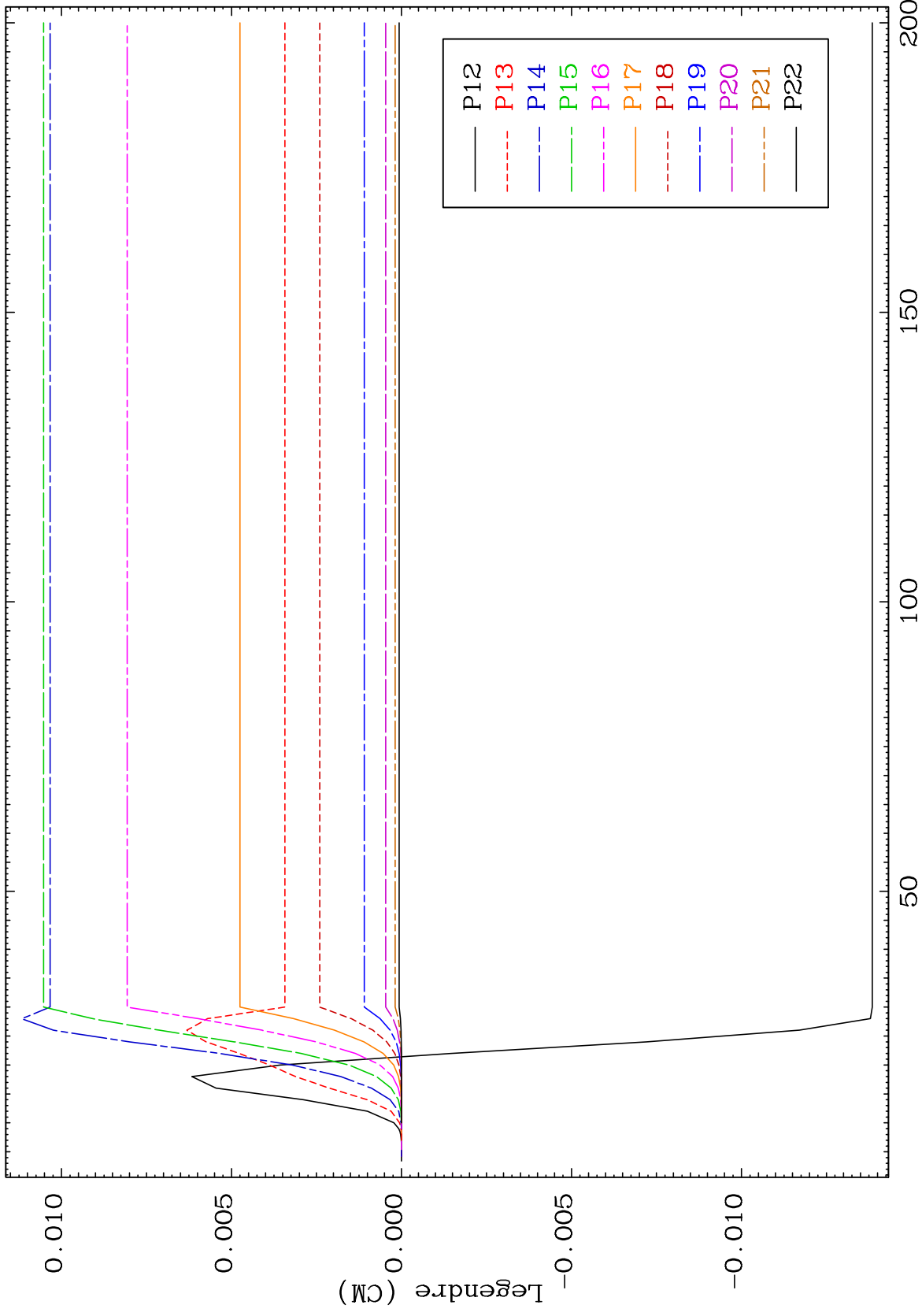
Incident Energy (MeV)

42

MAT 2864

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

28-Ni-71



43

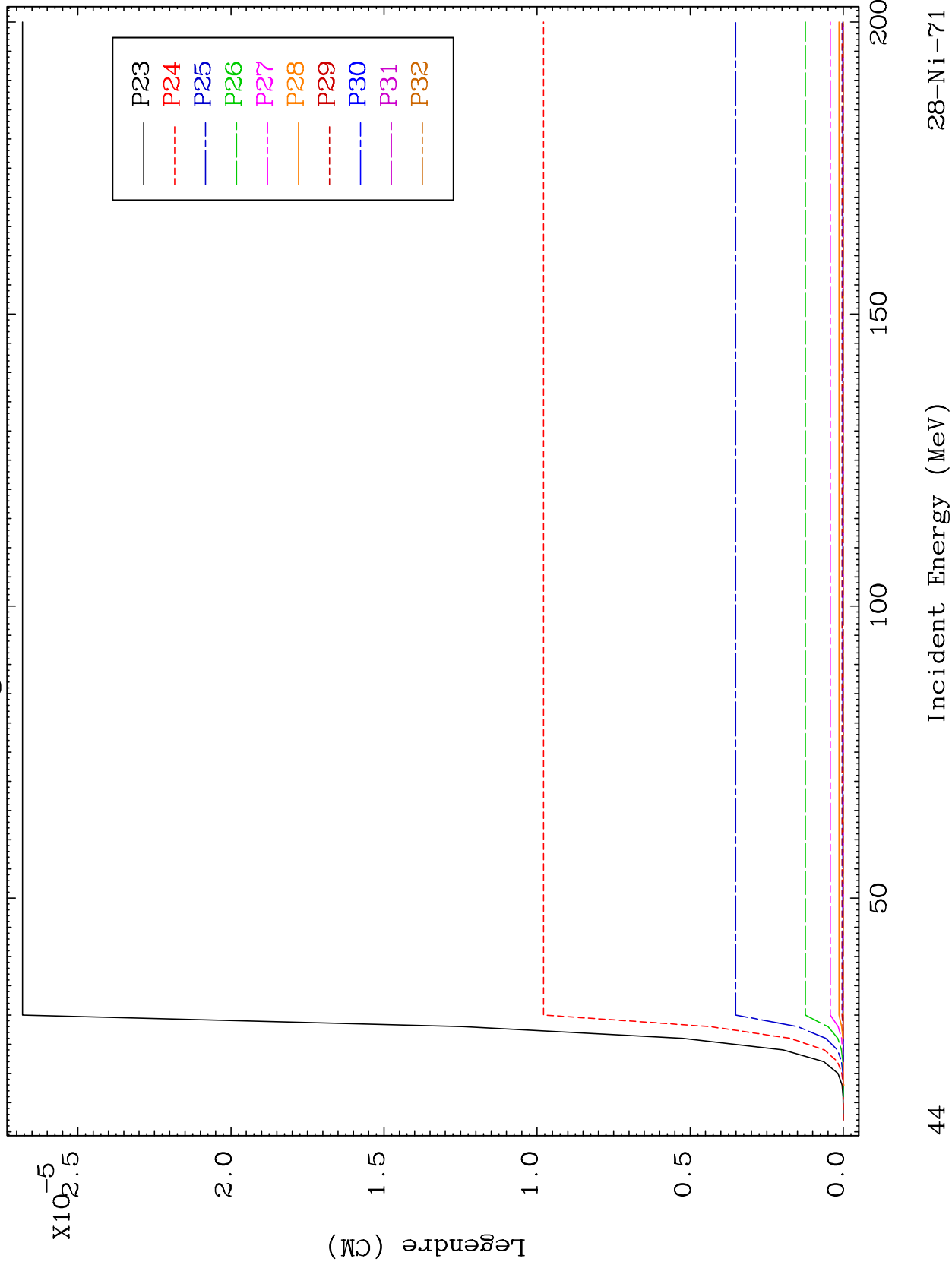
Incident Energy (MeV)

28-Ni-71

MAT 2864

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

28-Ni-71



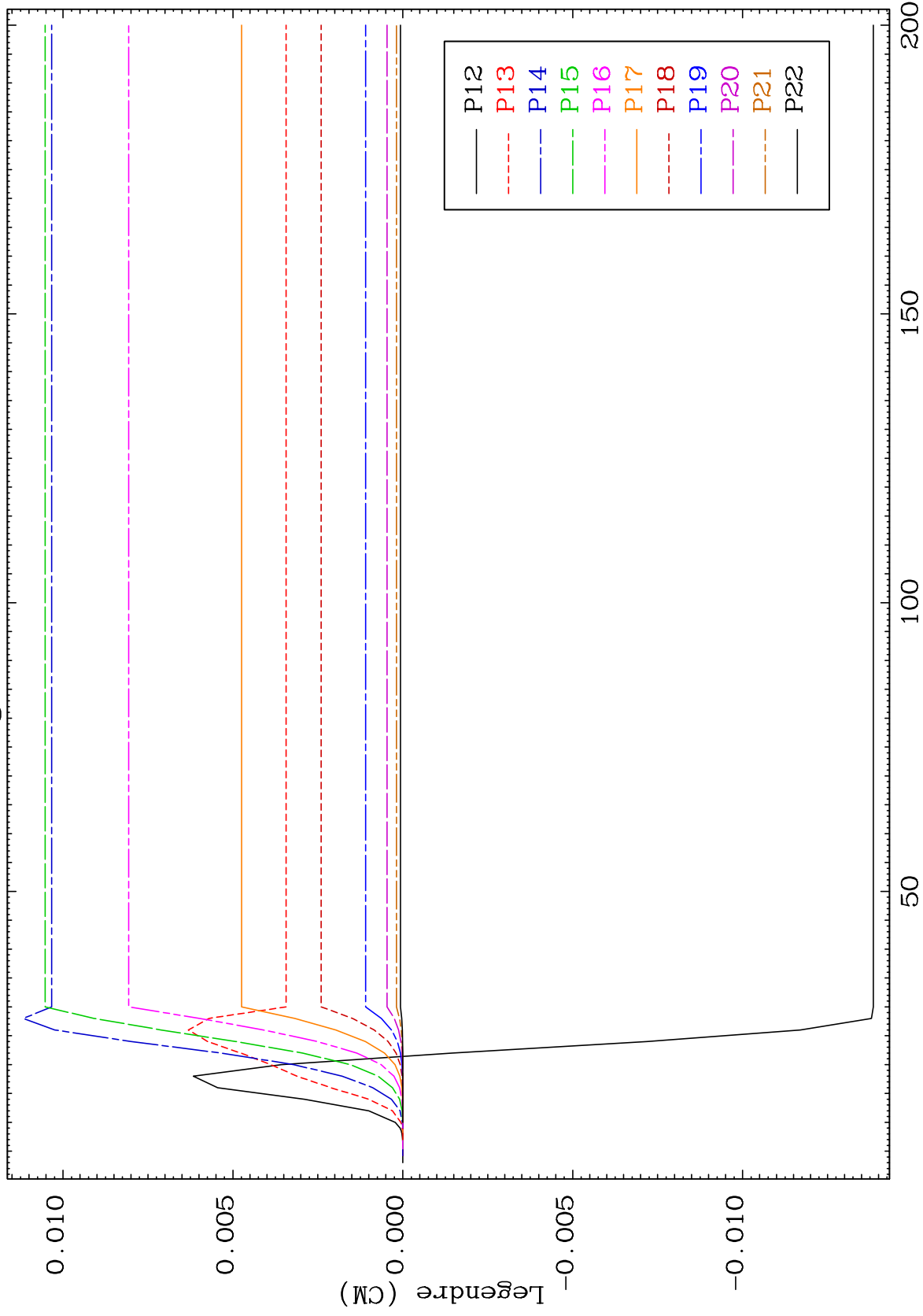
44



MAT 2864

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

28-Ni-71



46

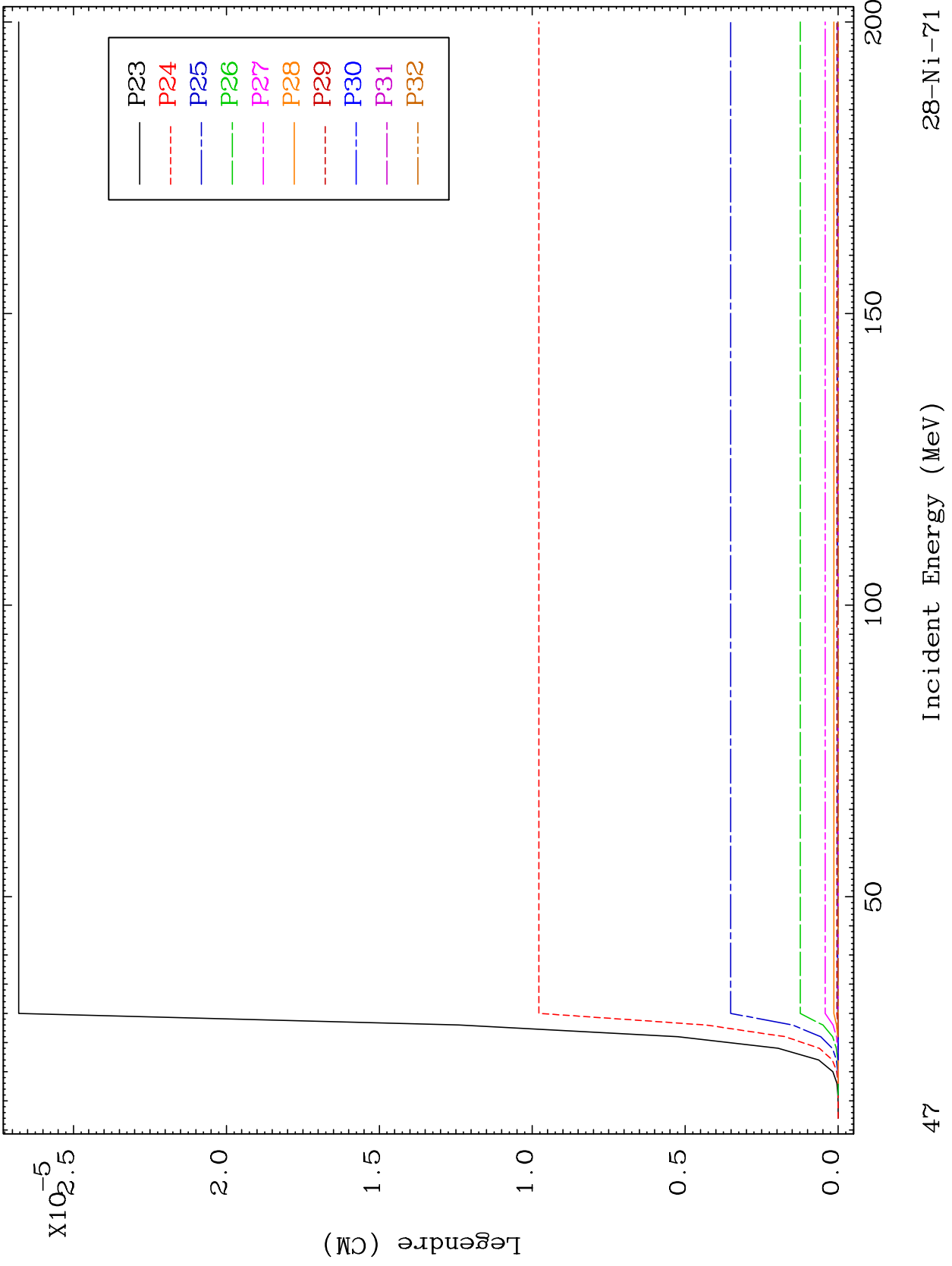
Incident Energy (MeV)

28-Ni-71

MAT 2864

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

28-Ni-71



47

Incident Energy (MeV)

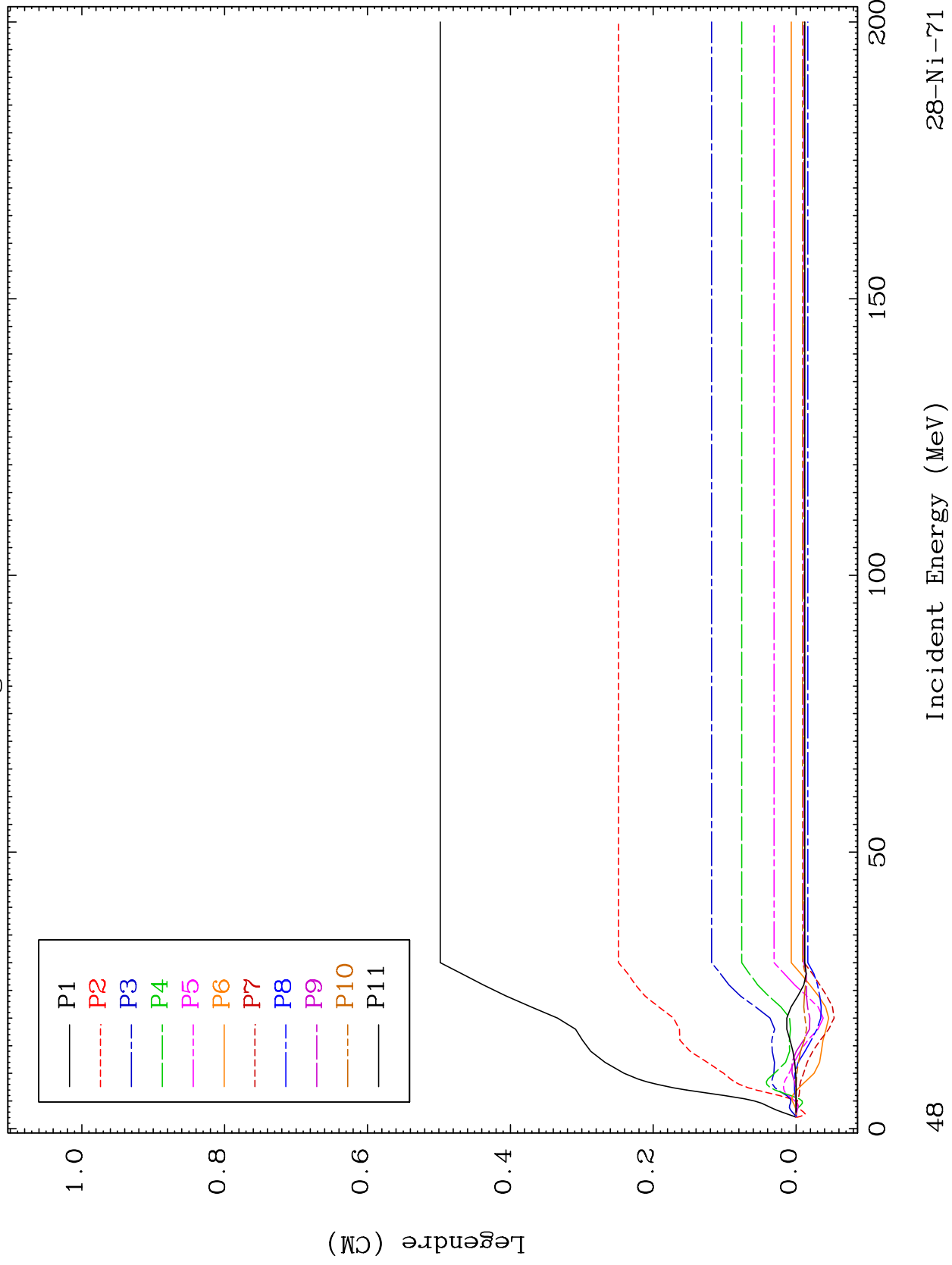
28-Ni-71



MAT 2864

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

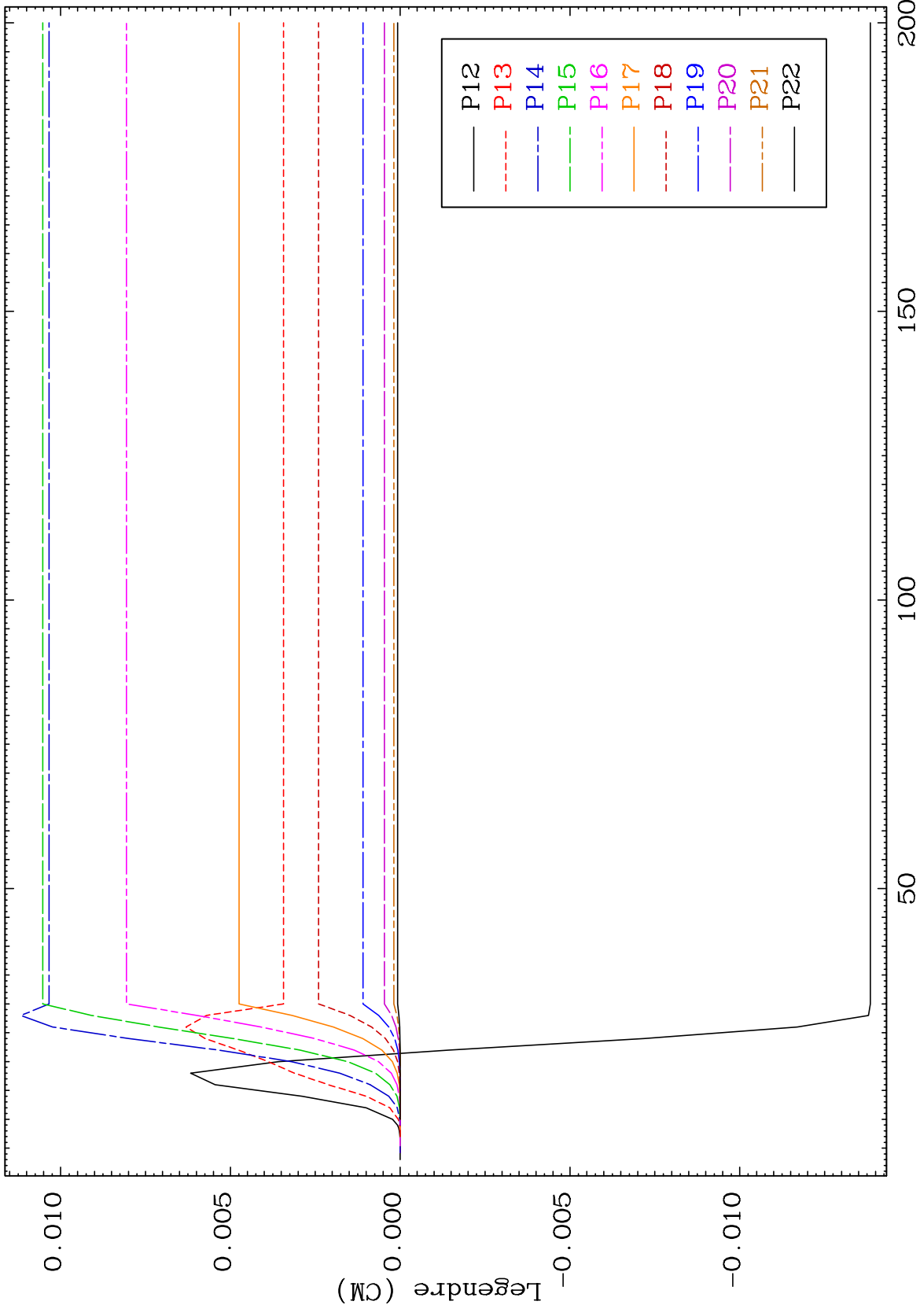
28-Ni-71



MAT 2864

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

28-Ni-71



49

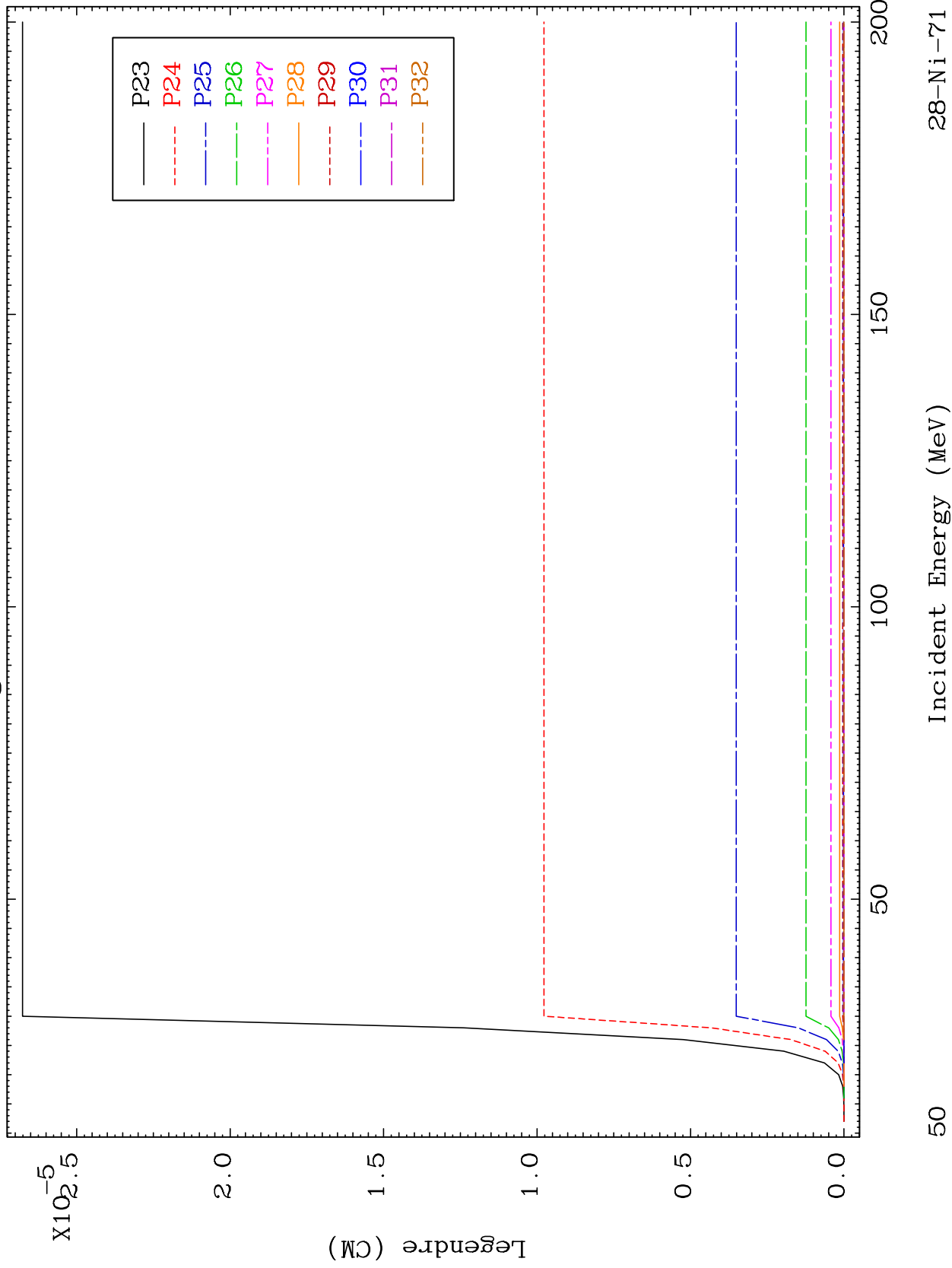
Incident Energy (MeV)

28-Ni-71

MAT 2864

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

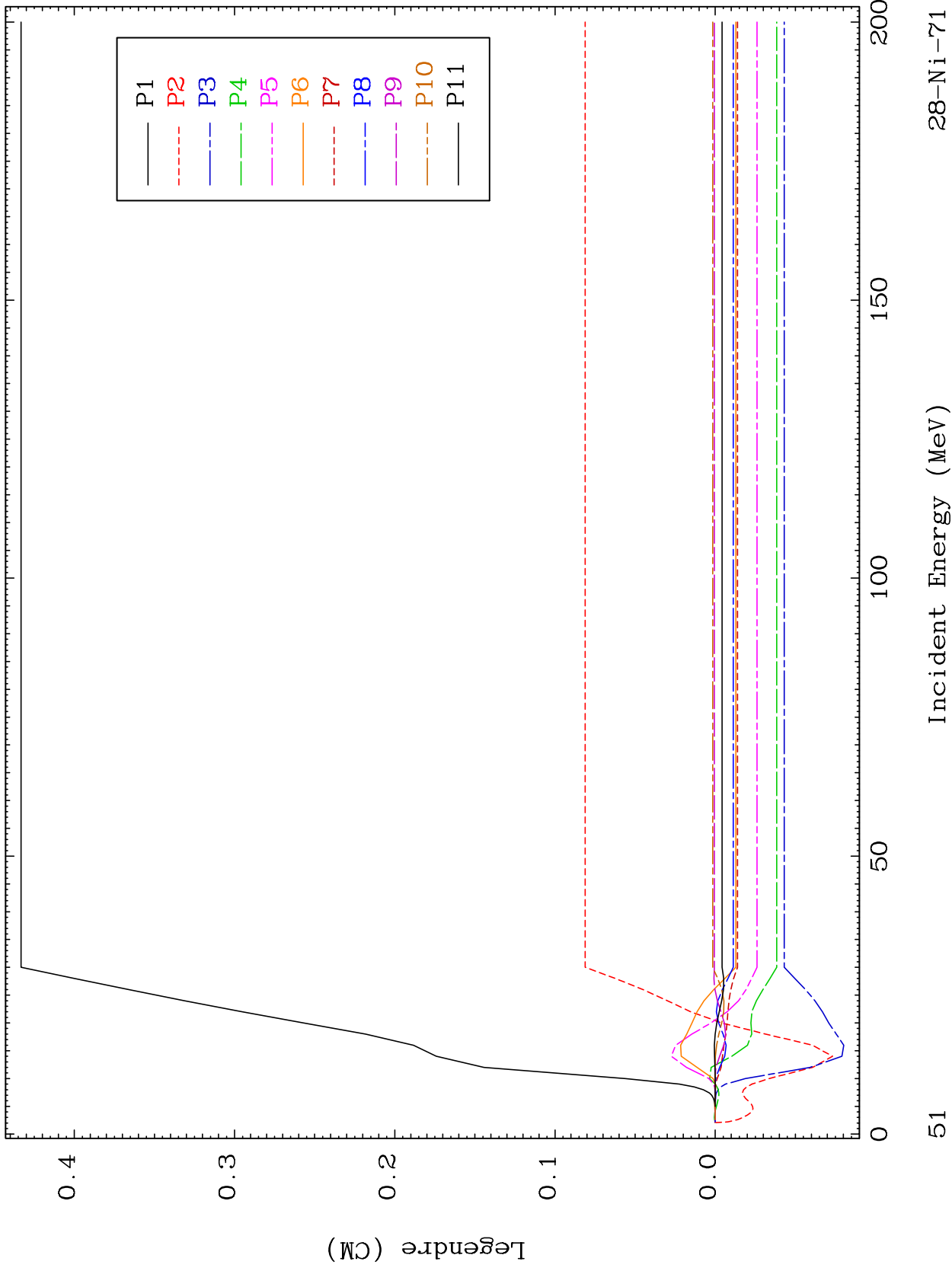
28-Ni-71



MAT 2864

MT= 61 (n,n') Level  
Legendre Coefficients

28-Ni-71



28-Ni-71

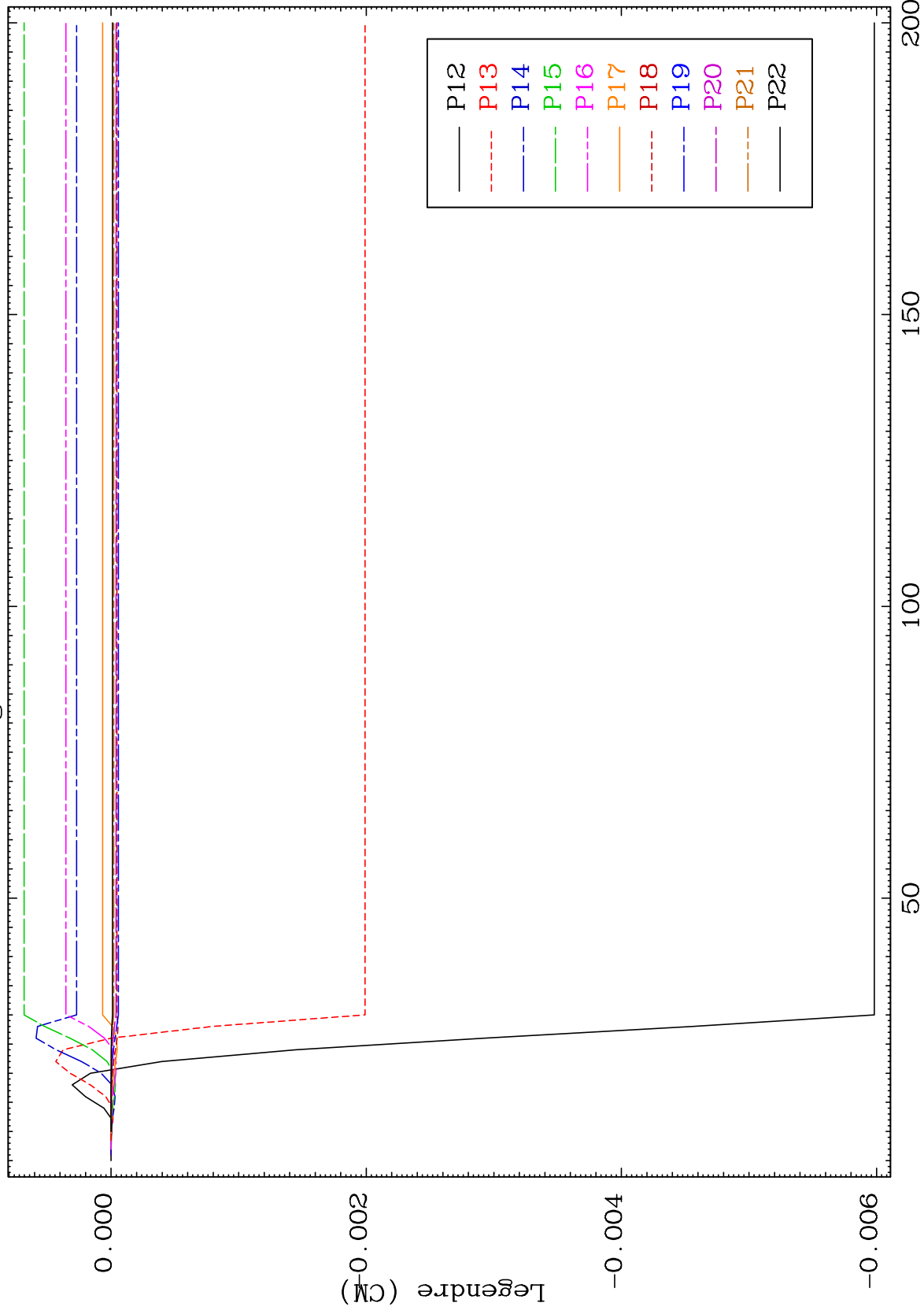
Incident Energy (MeV)

51

MAT 2864

MT= 61 (n,n') Level  
Legendre Coefficients

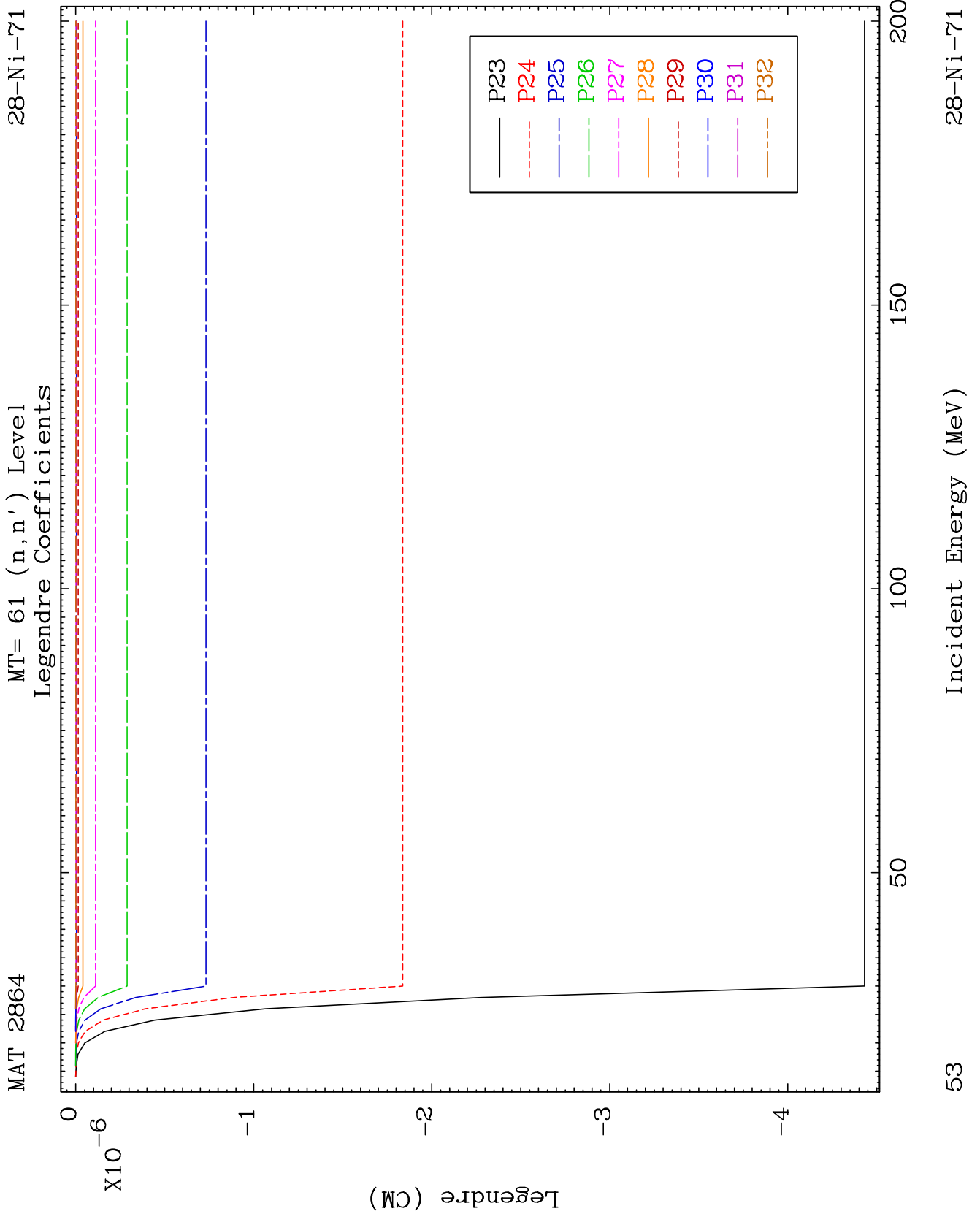
28-Ni-71



52

Incident Energy (MeV)

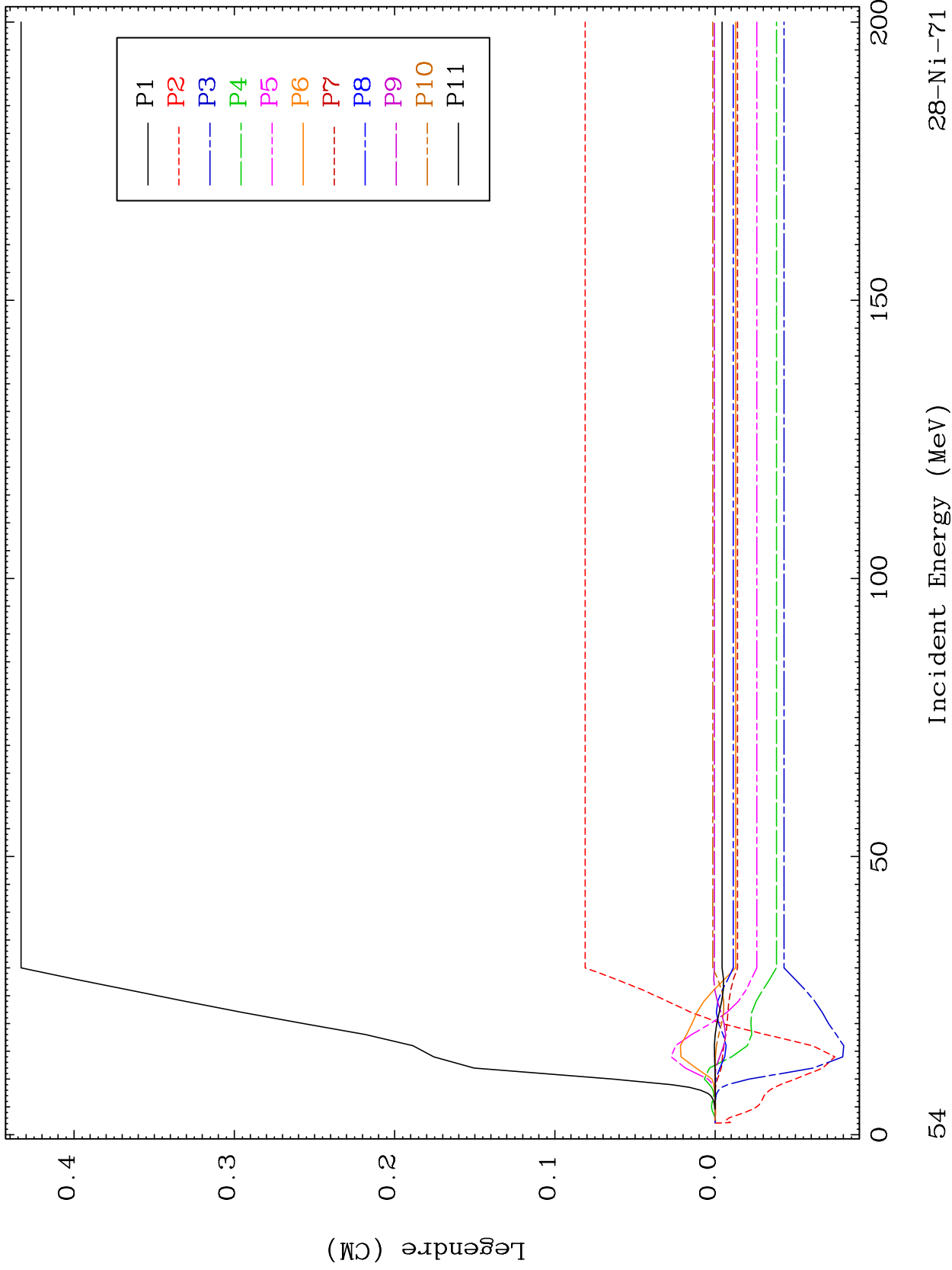
28-Ni-71



MAT 2864

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

28-Ni-71



28-Ni-71

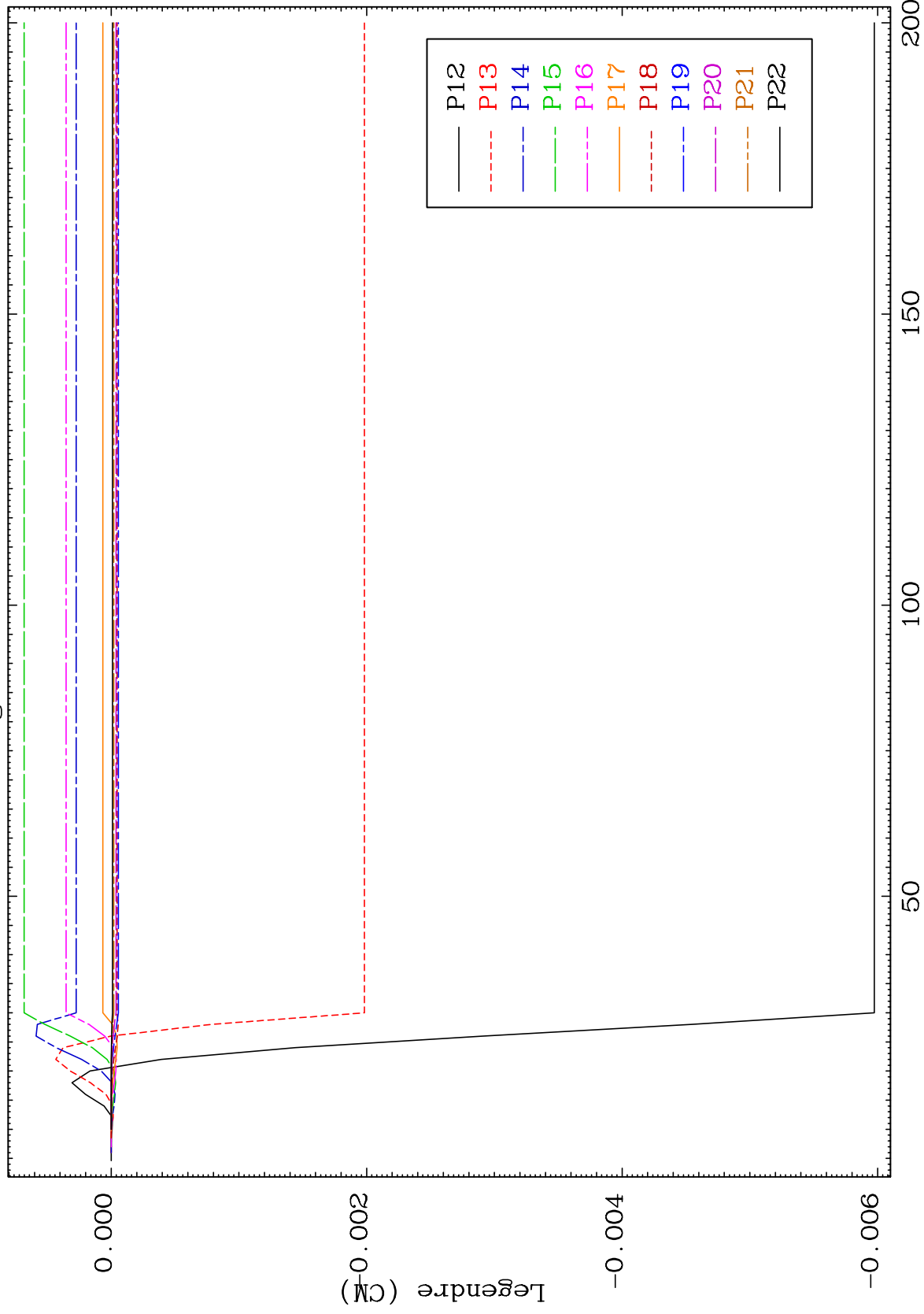
Incident Energy (MeV)

54

MAT 2864

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

28-Ni-71

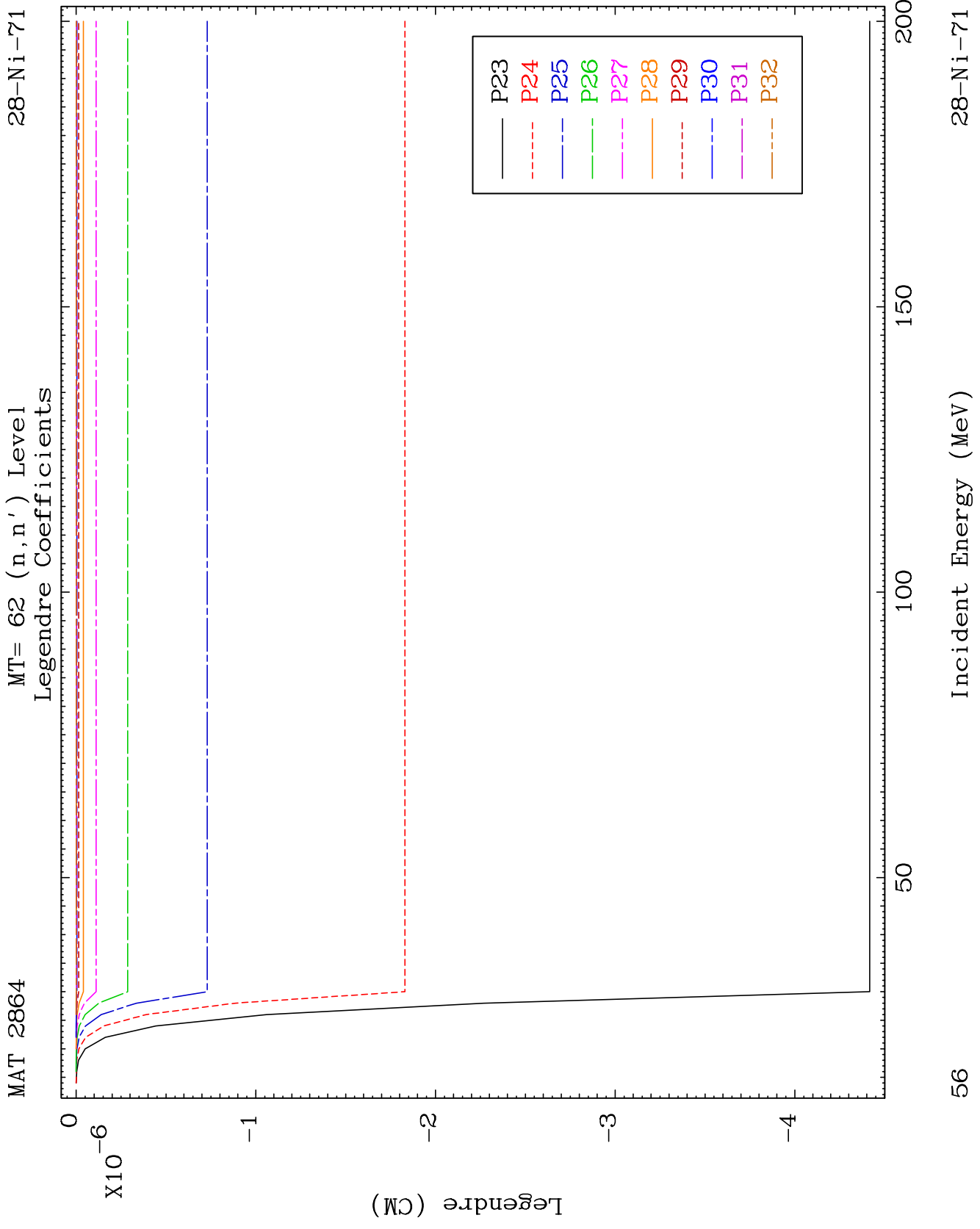


55

Incident Energy (MeV)

28-Ni-71

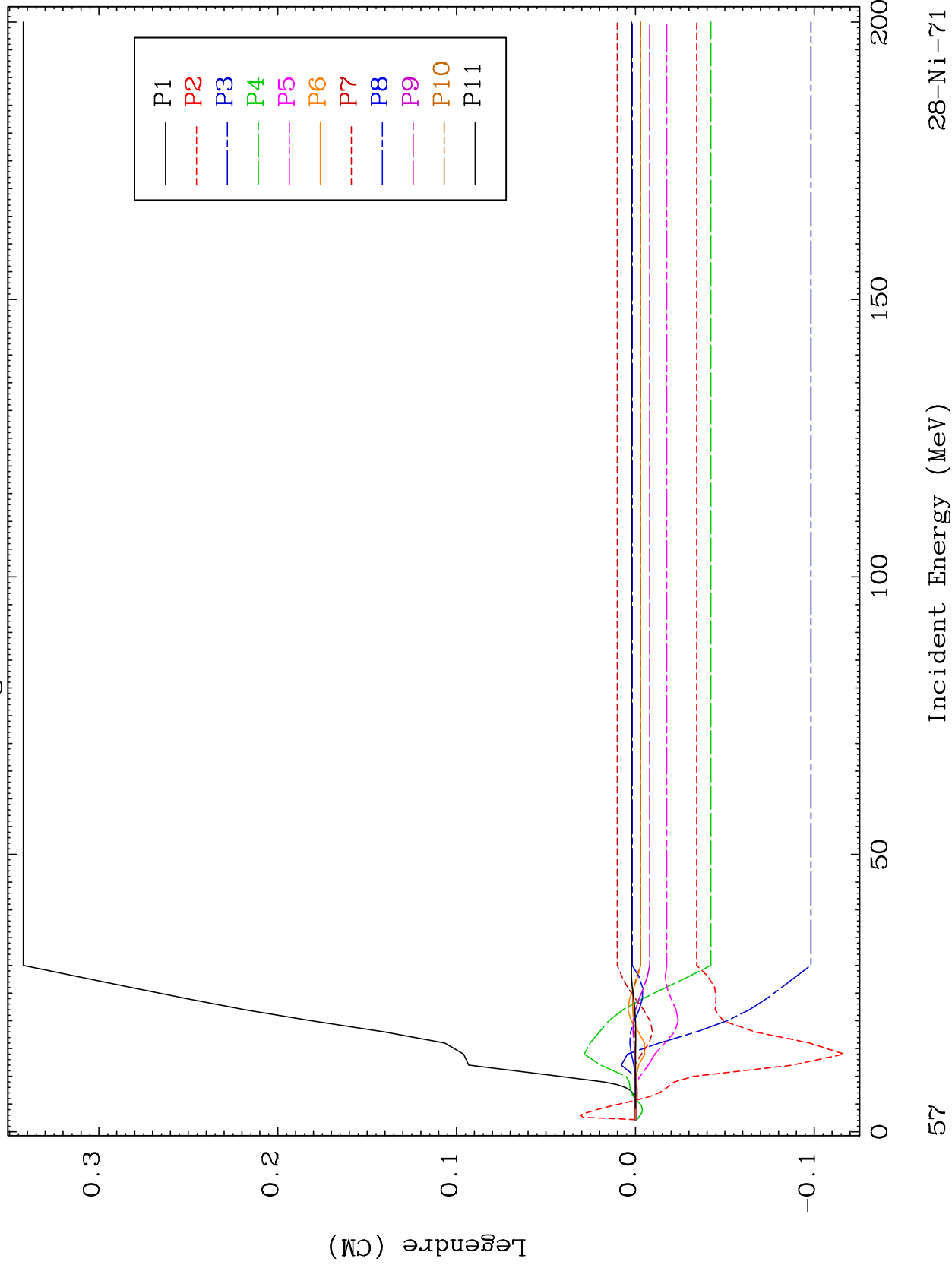




MAT 2864

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

<sup>28</sup>Ni-71



57

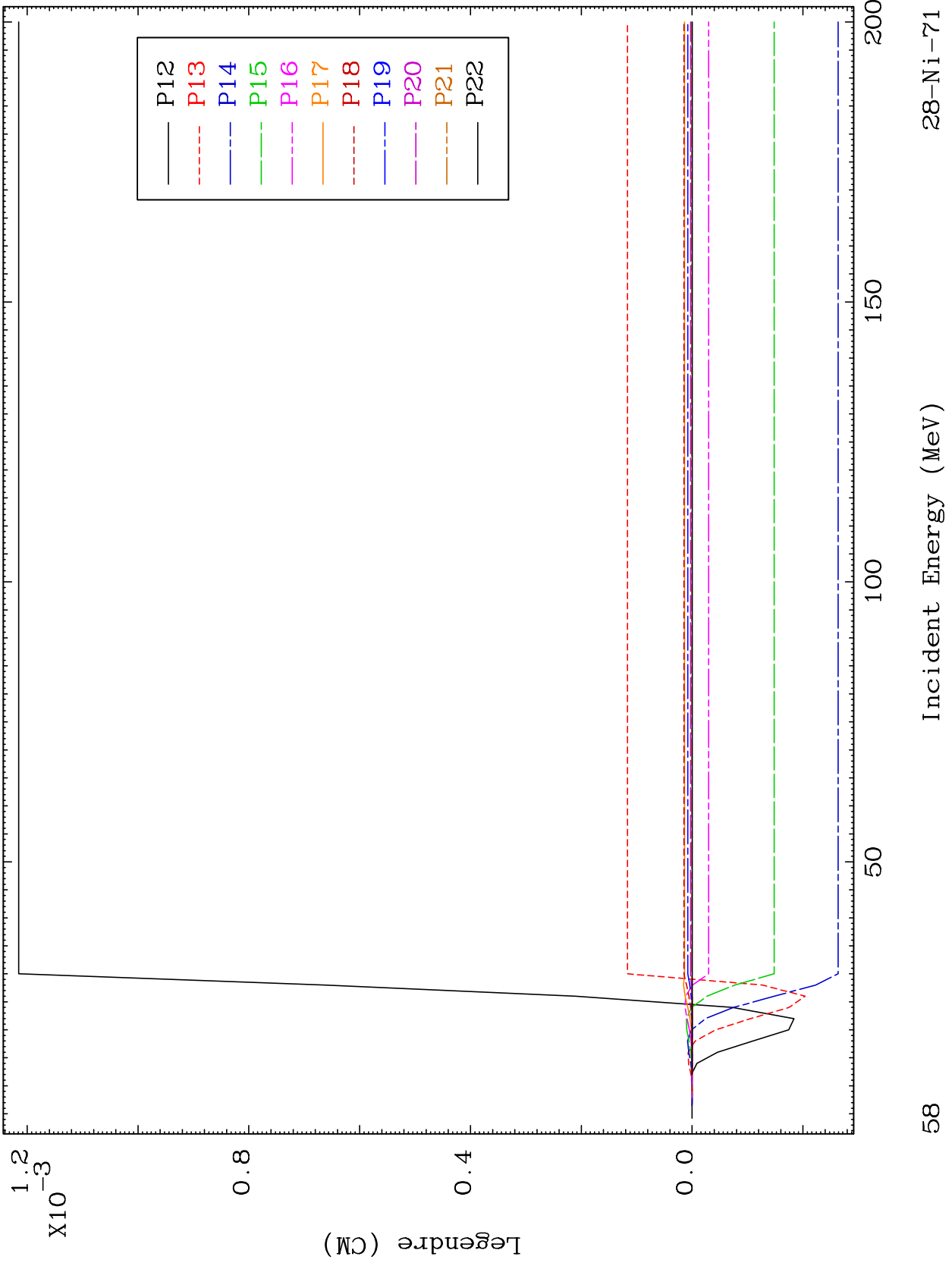
Incident Energy (MeV)

<sup>28</sup>Ni-71

MAT 2864

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

28-Ni-71

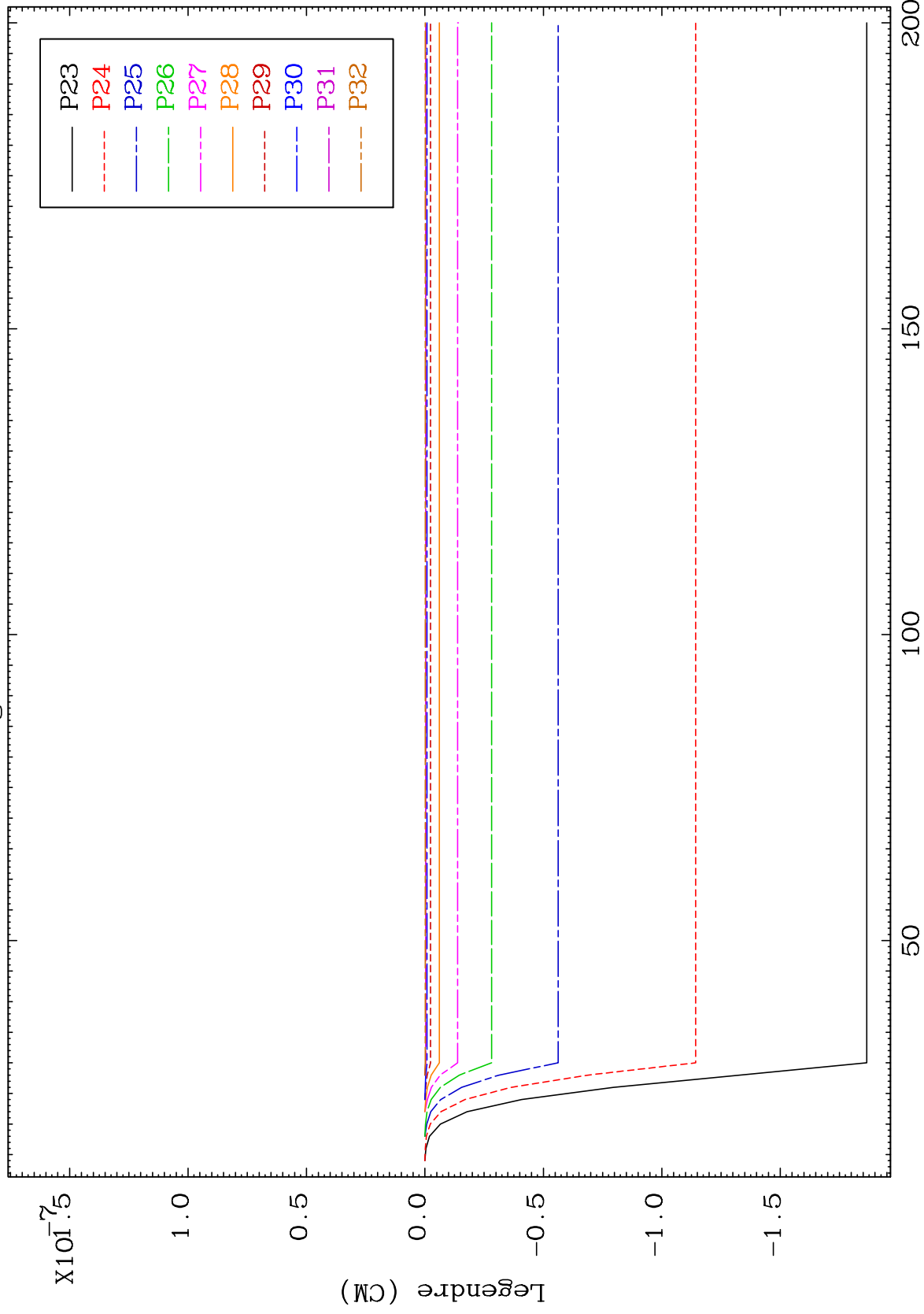


58

MAT 2864

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

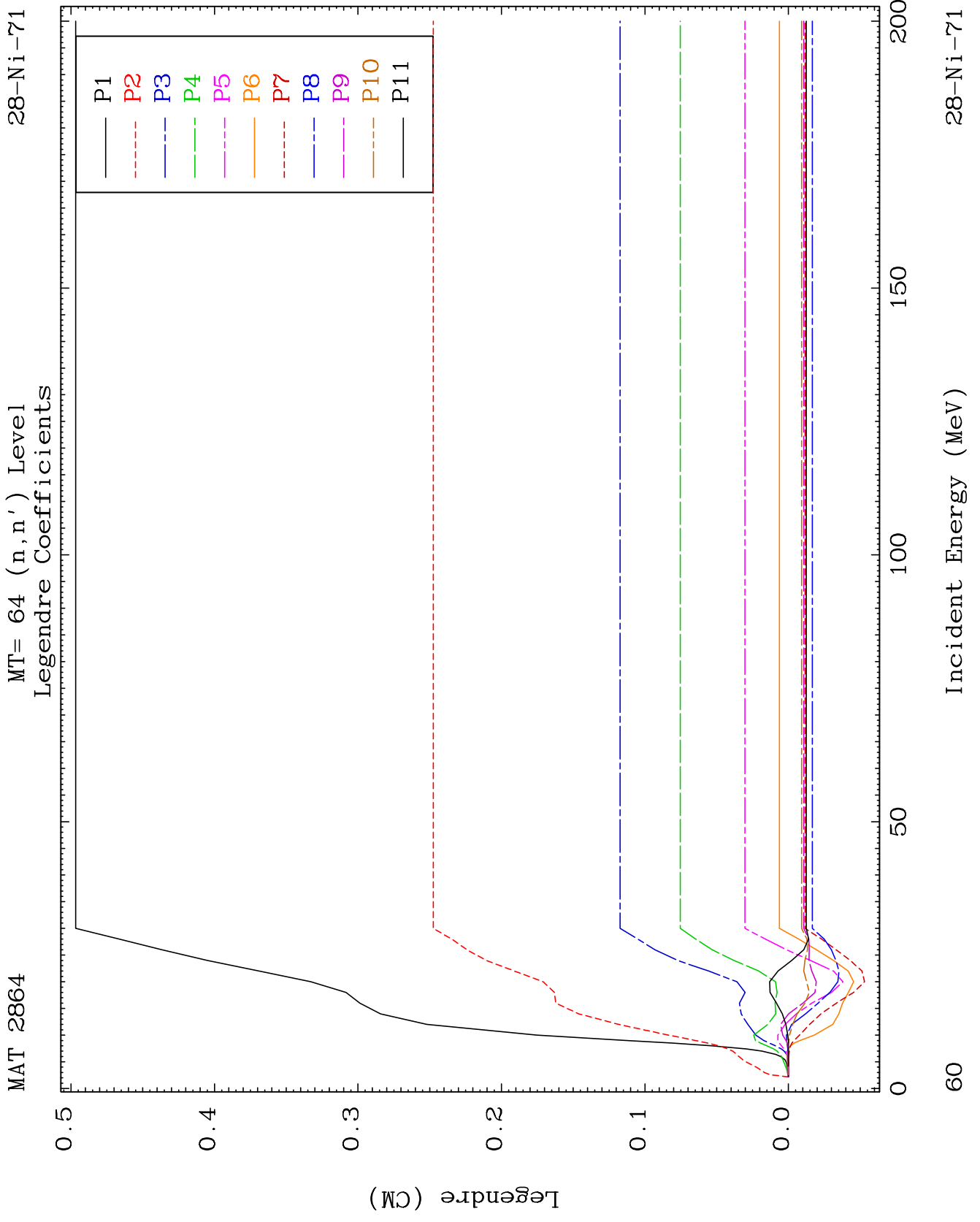
28-Ni-71

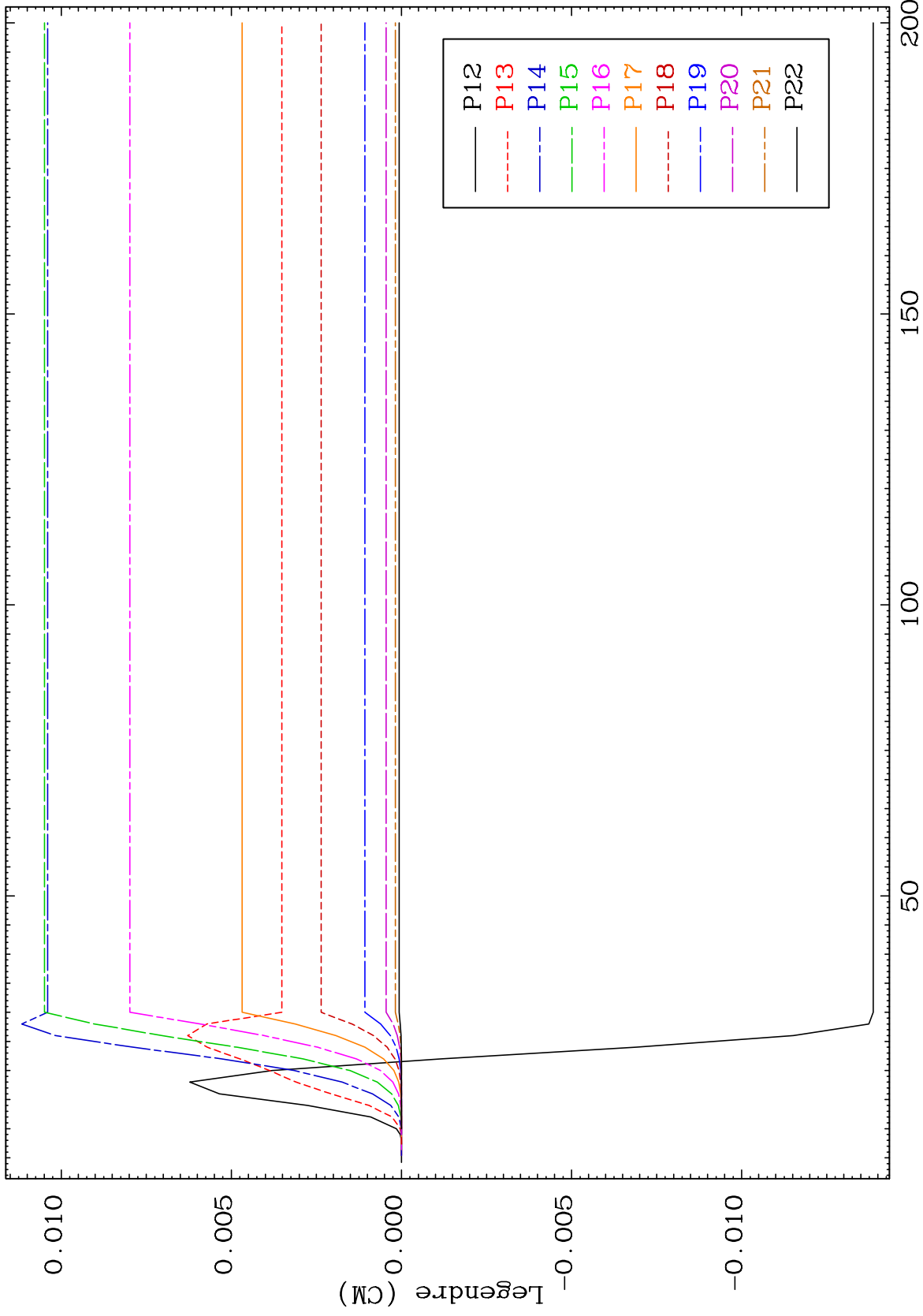


59

Incident Energy (MeV)

28-Ni-71

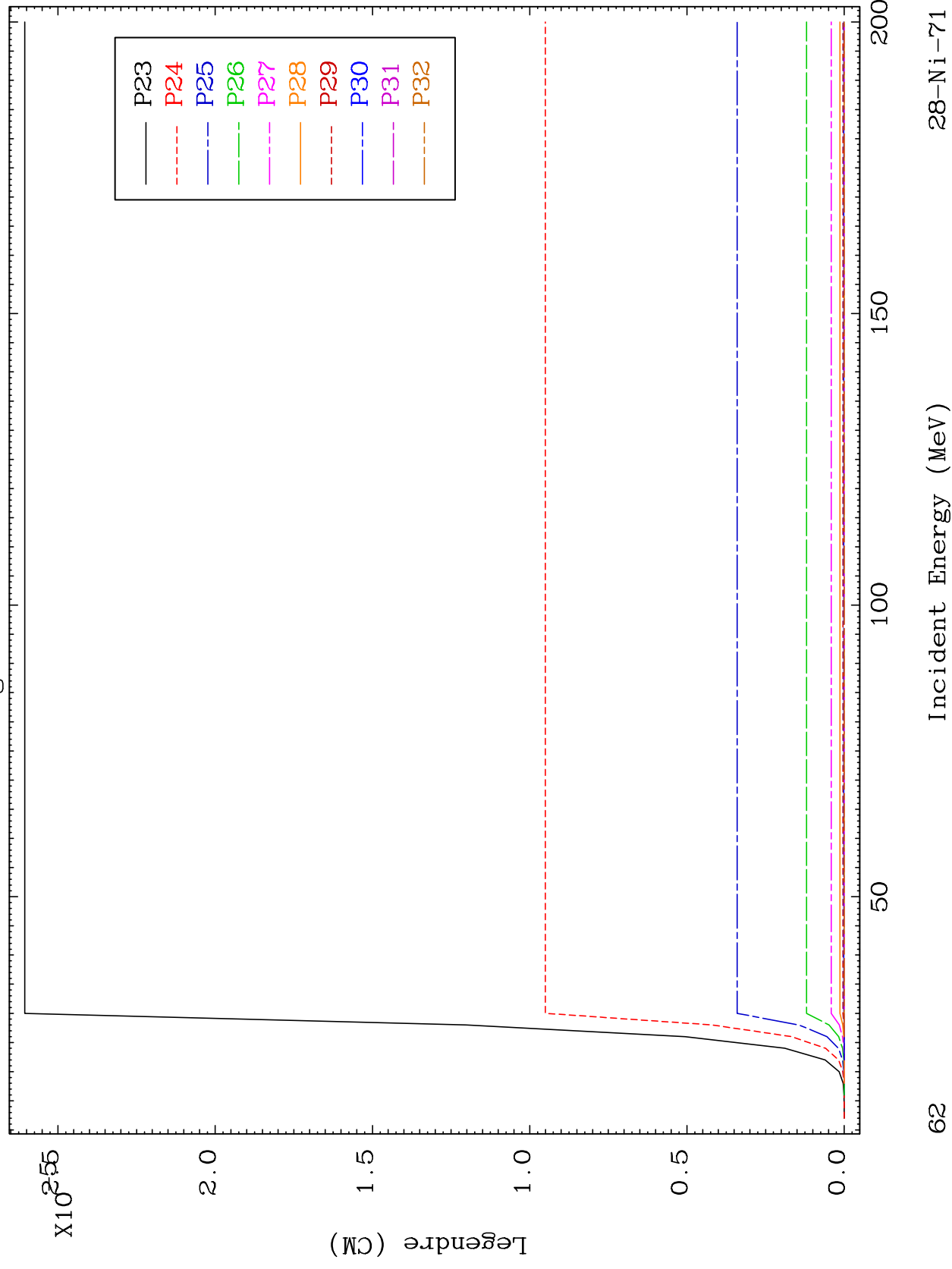




MAT 2864

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

28-Ni-71

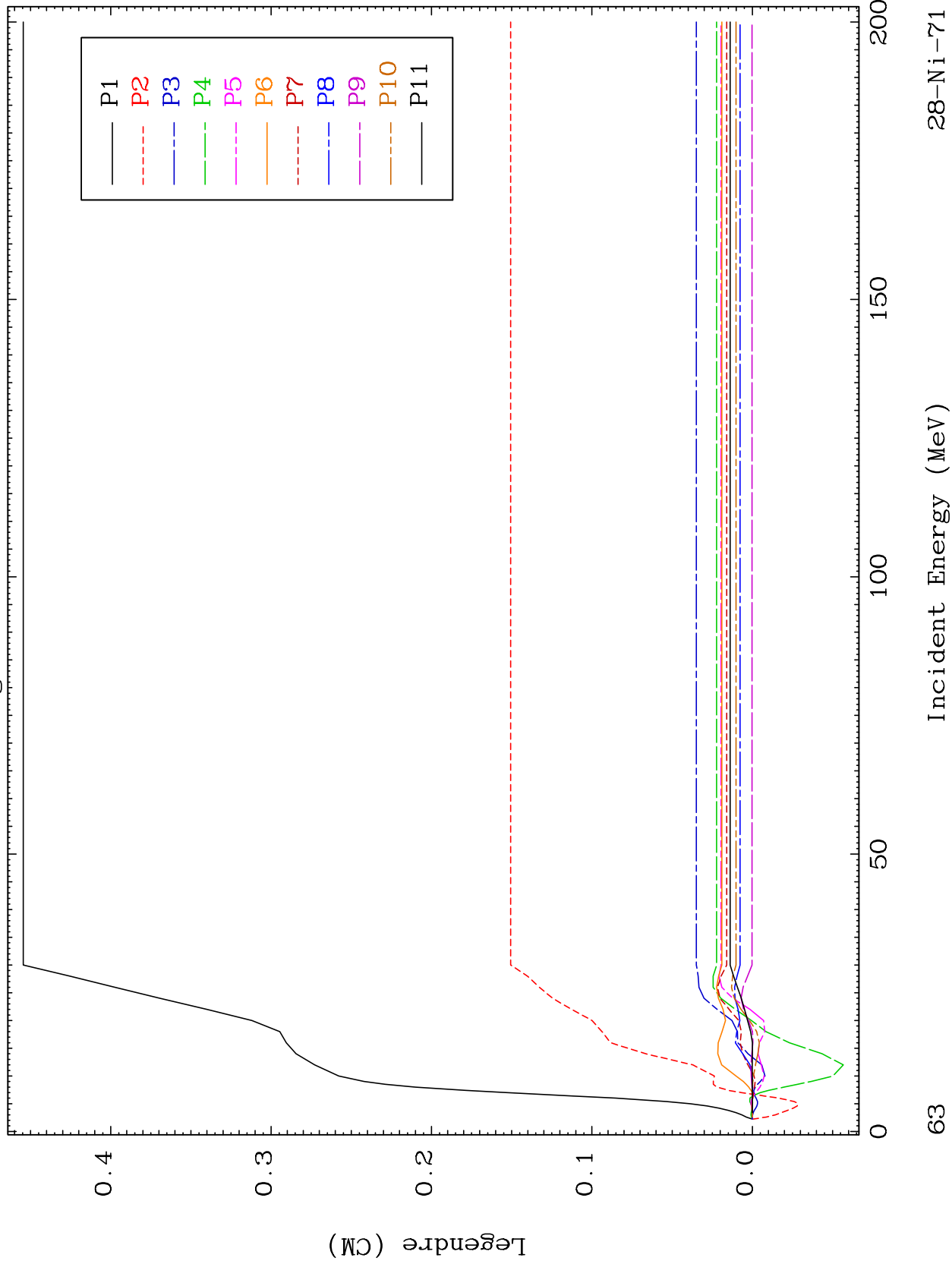


62

MAT 2864

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

28-Ni-71



28-Ni-71

Incident Energy (MeV)

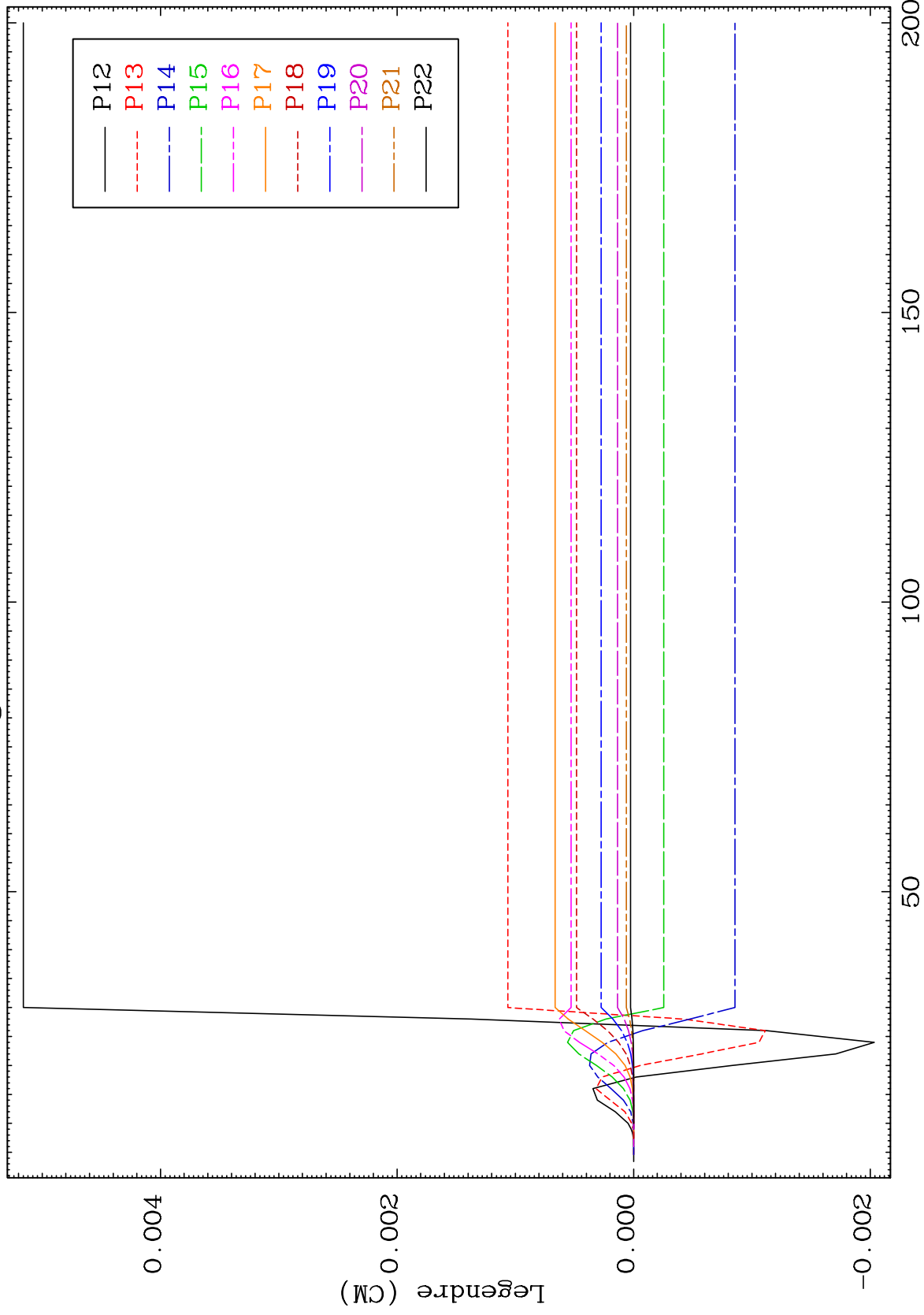
63



MAT 2864

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

28-Ni-71



64

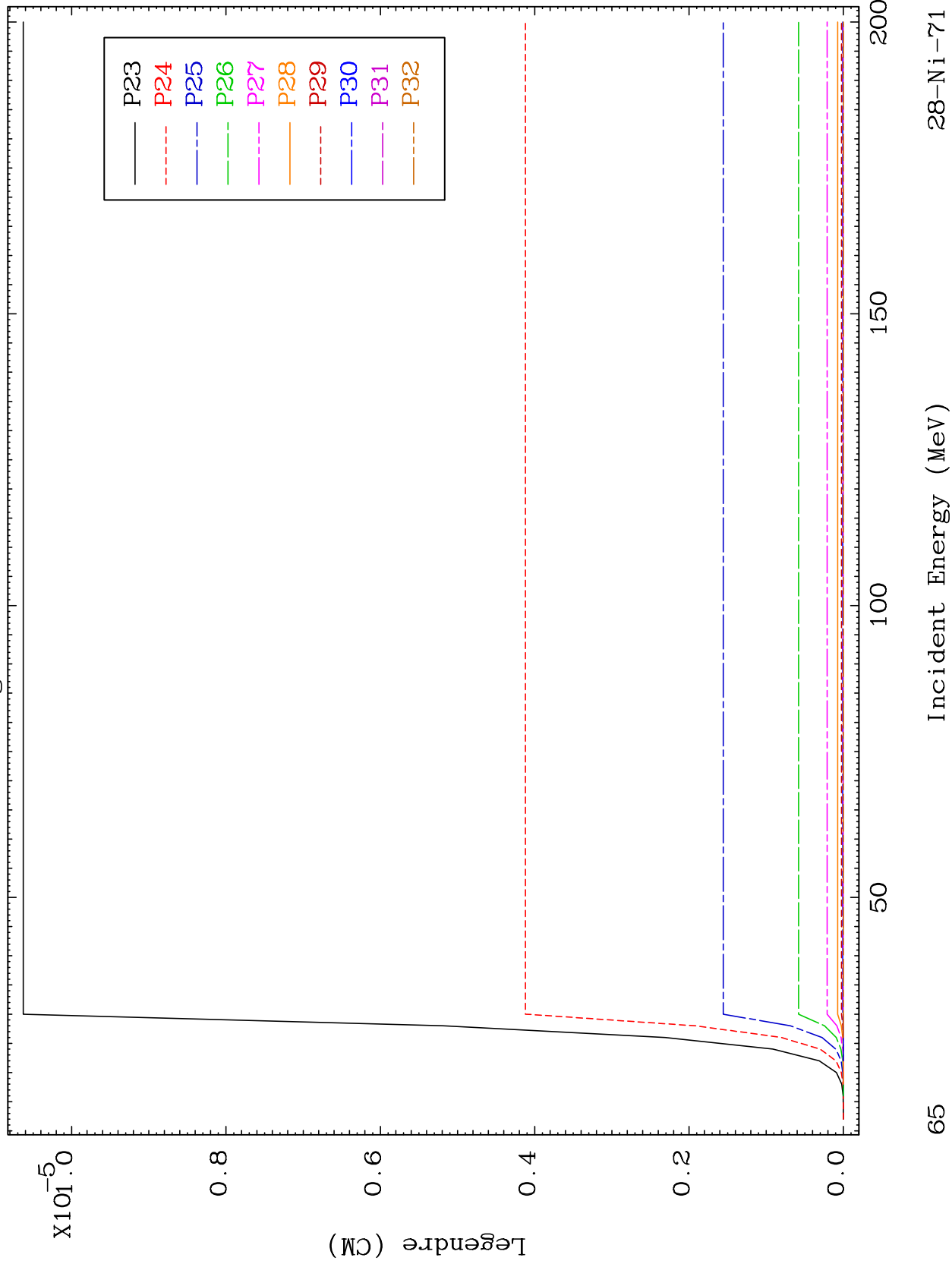
Incident Energy (MeV)

28-Ni-71

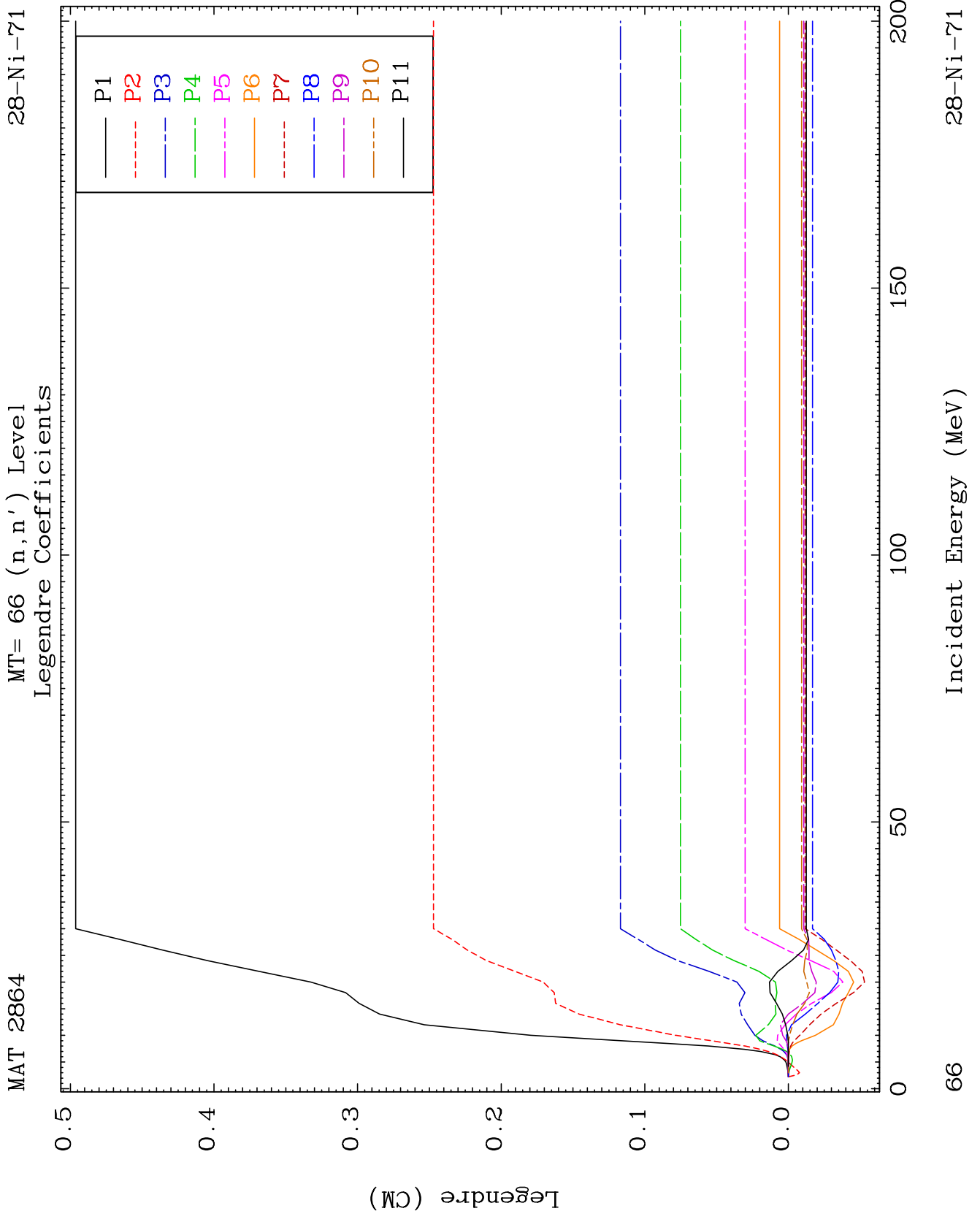
MAT 2864

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

28-Ni-71



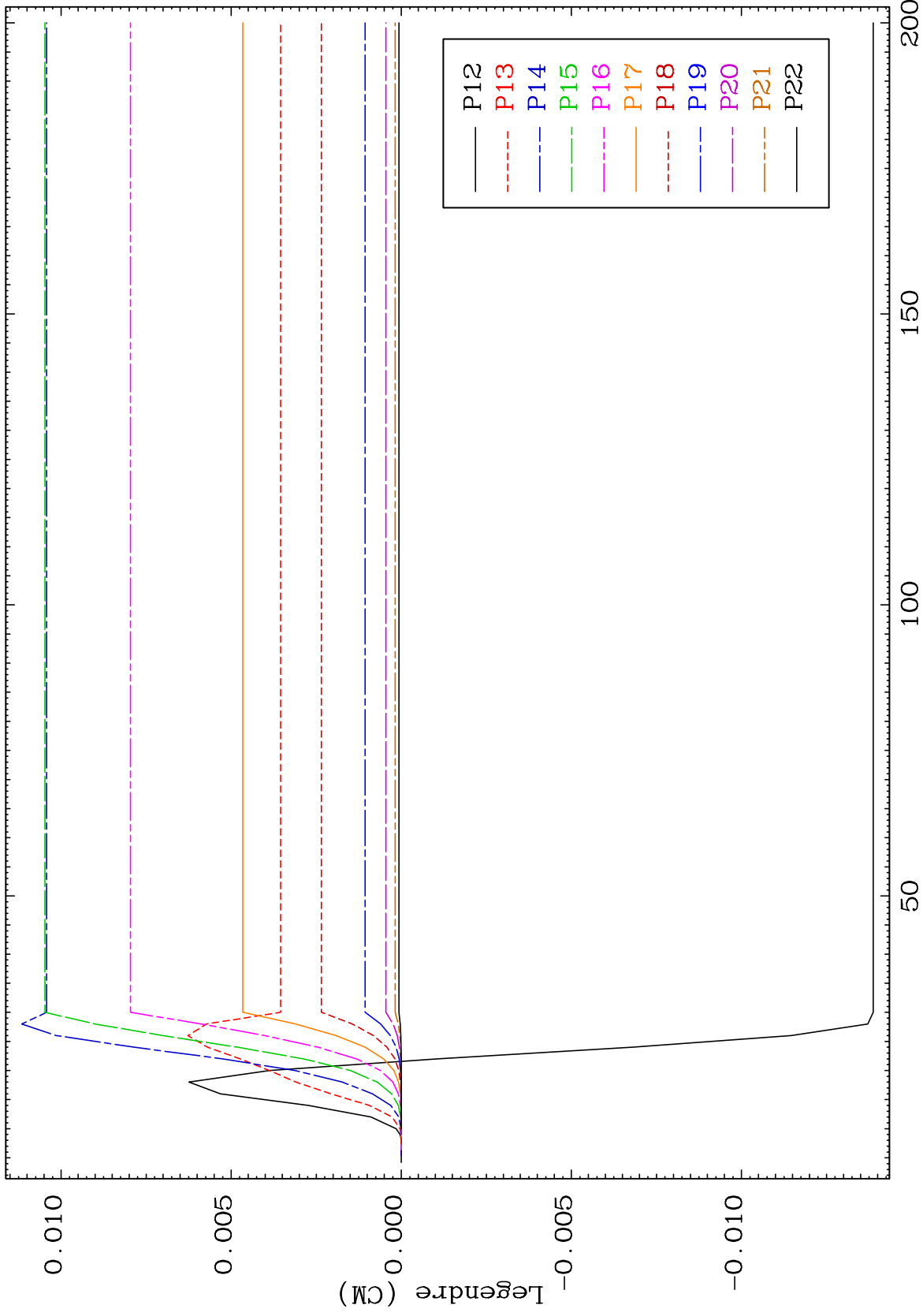
65



MAT 2864

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

28-Ni-71



67

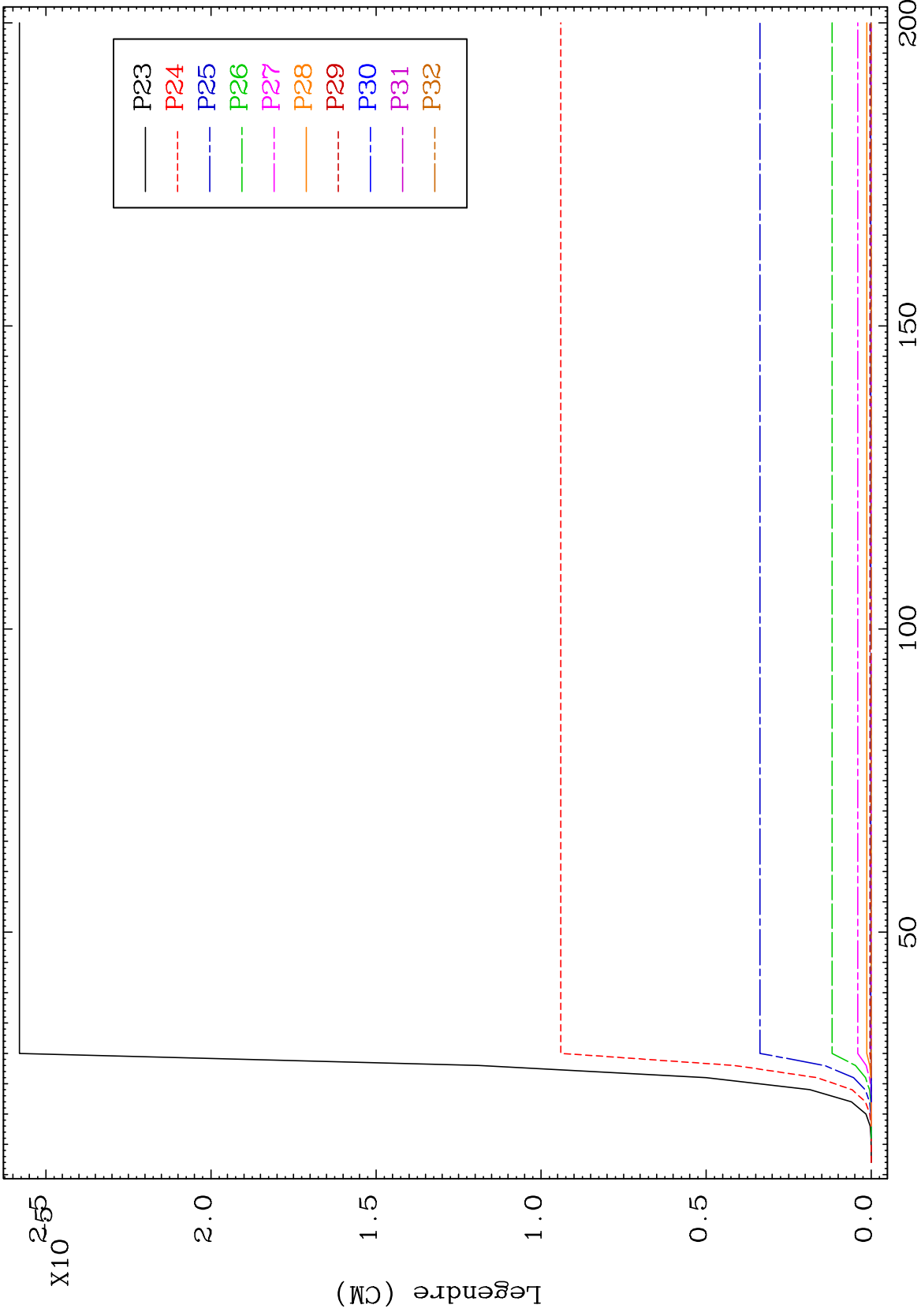
Incident Energy (MeV)

28-Ni-71

MAT 2864

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

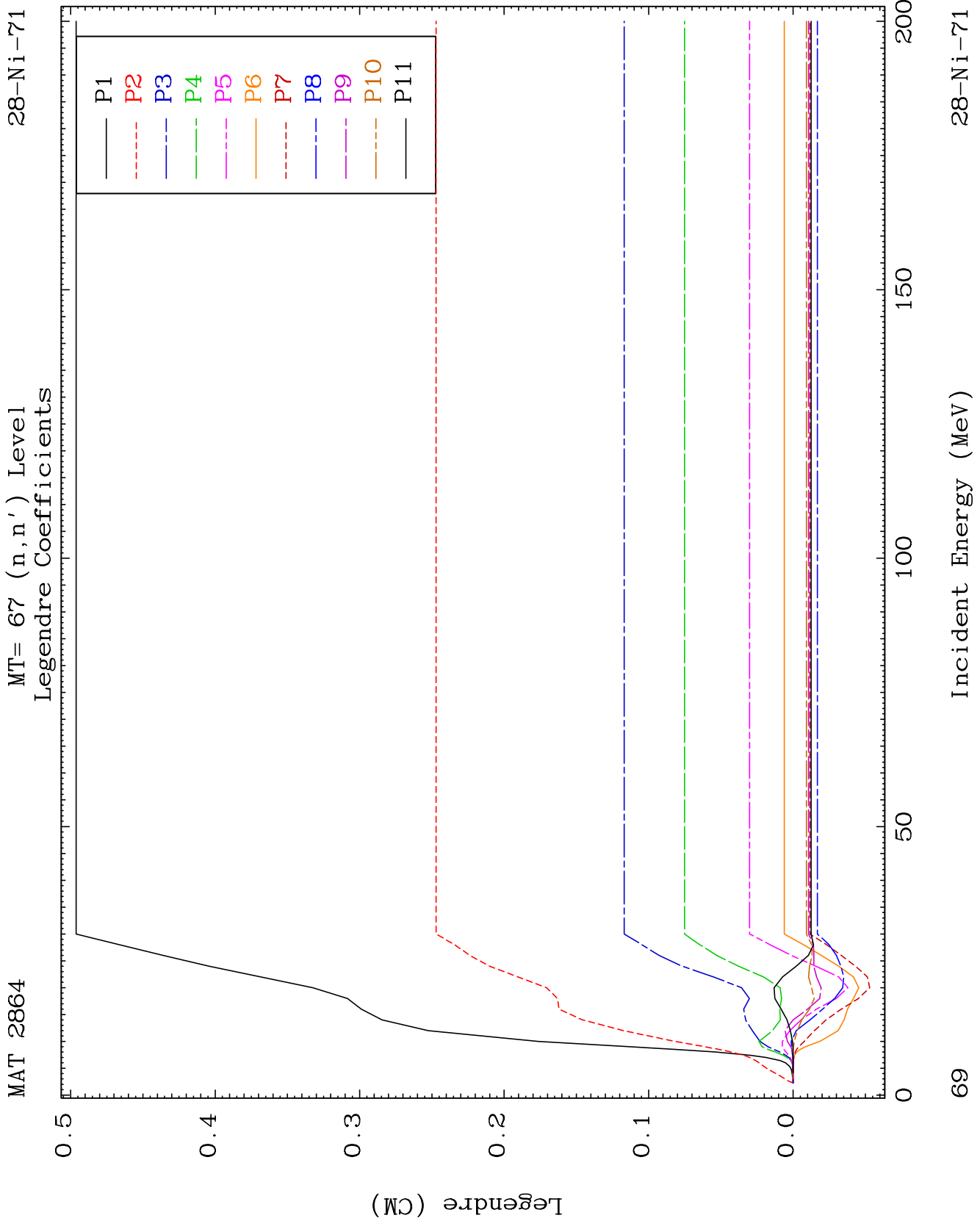
28-Ni-71



68

Incident Energy (MeV)

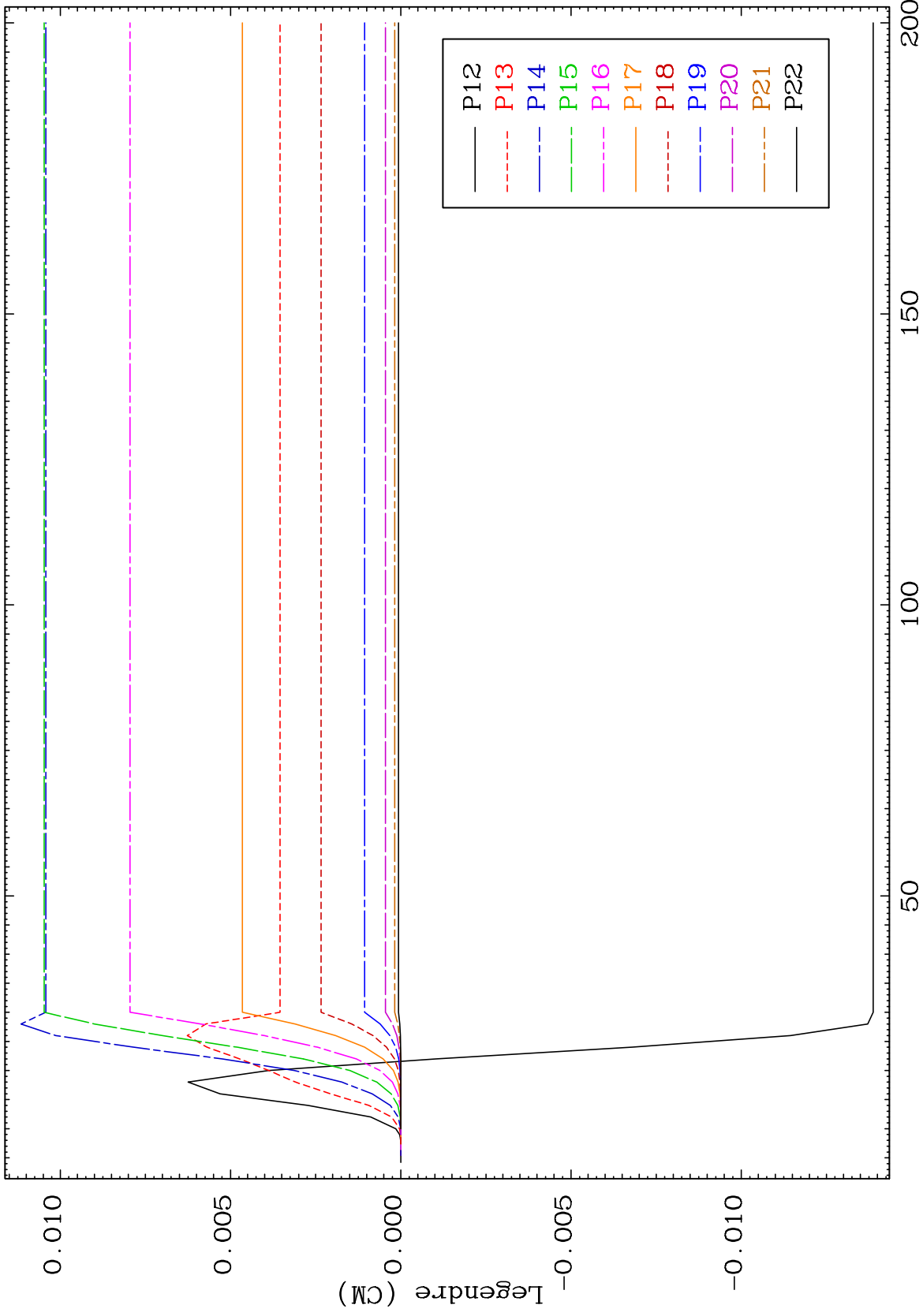
28-Ni-71



MAT 2864

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

28-Ni-71



70

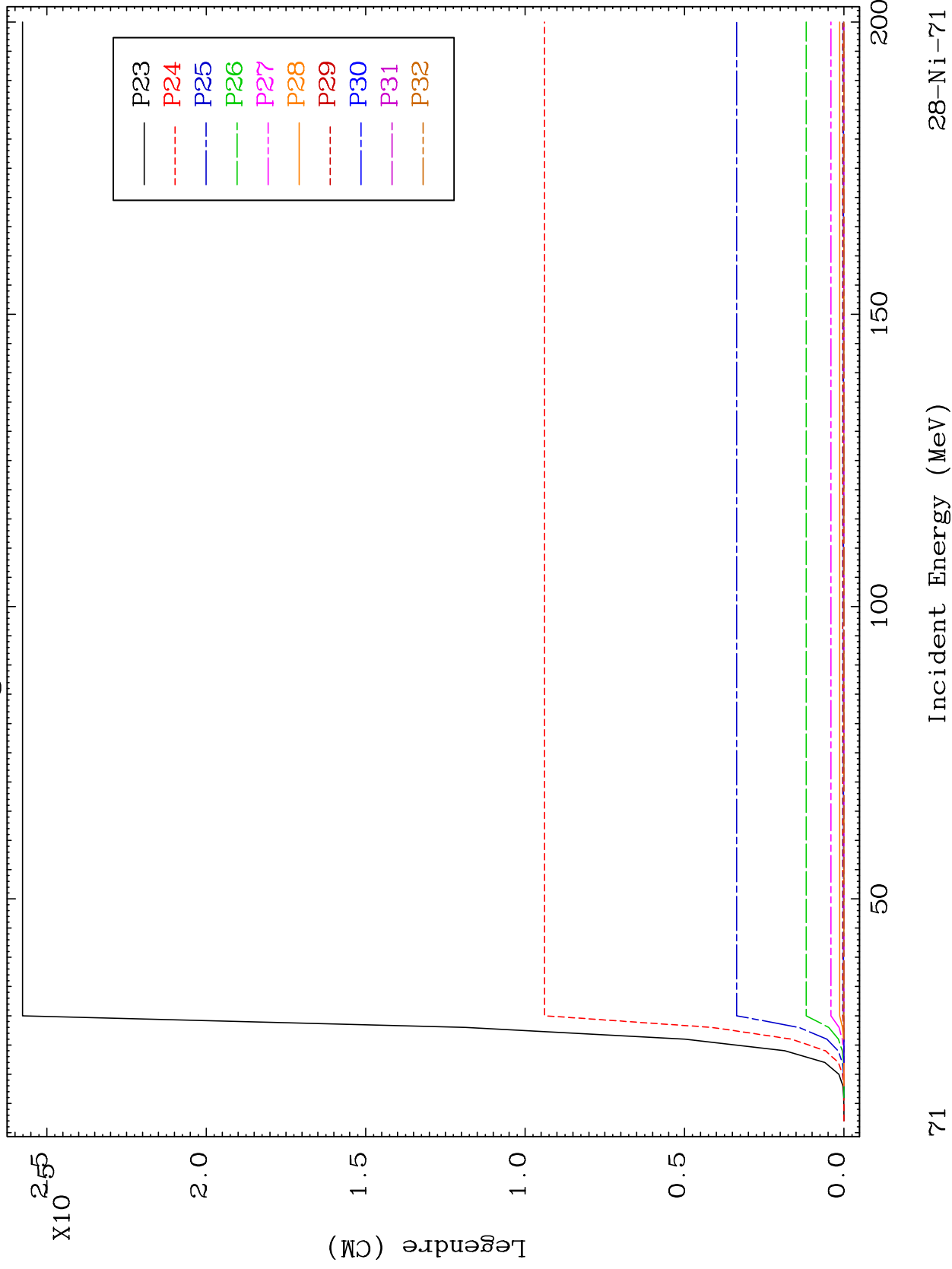
Incident Energy (MeV)

28-Ni-71

MAT 2864

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

28-Ni-71

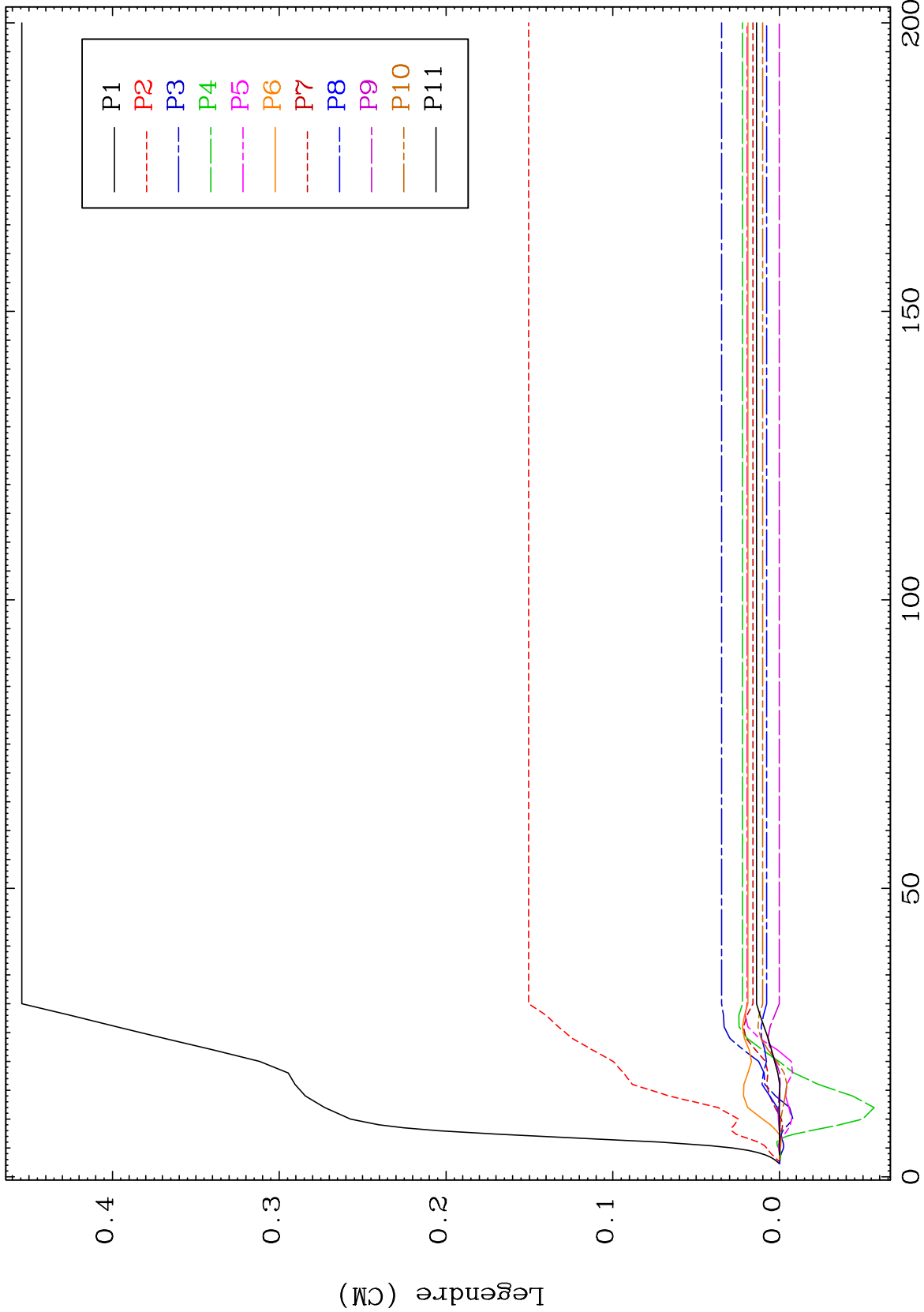




MAT 2864

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

28-Ni-71



72

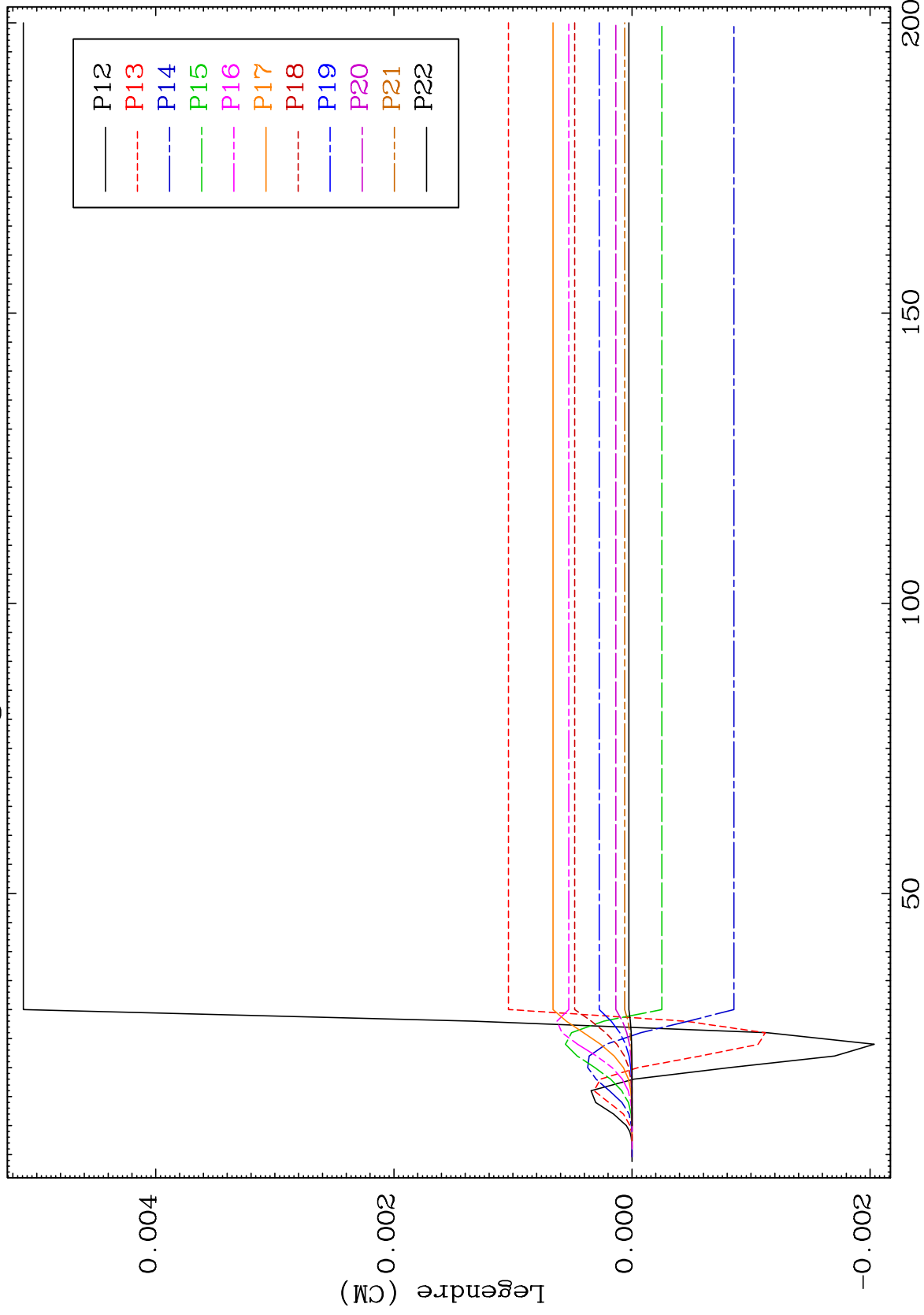
Incident Energy (MeV)

28-Ni-71

MAT 2864

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

28-Ni-71



73

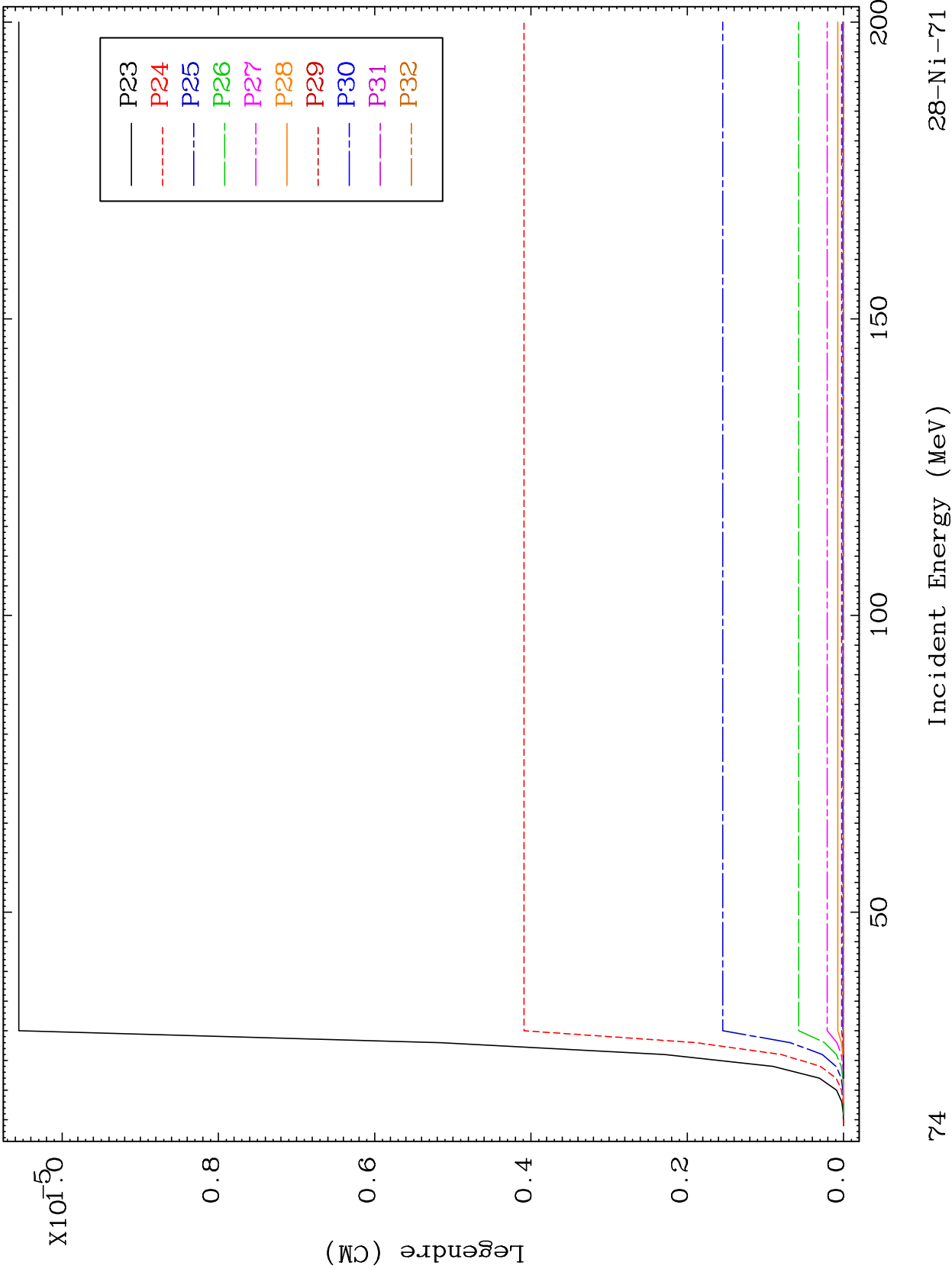
Incident Energy (MeV)

28-Ni-71

MAT 2864

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

28-Ni-71

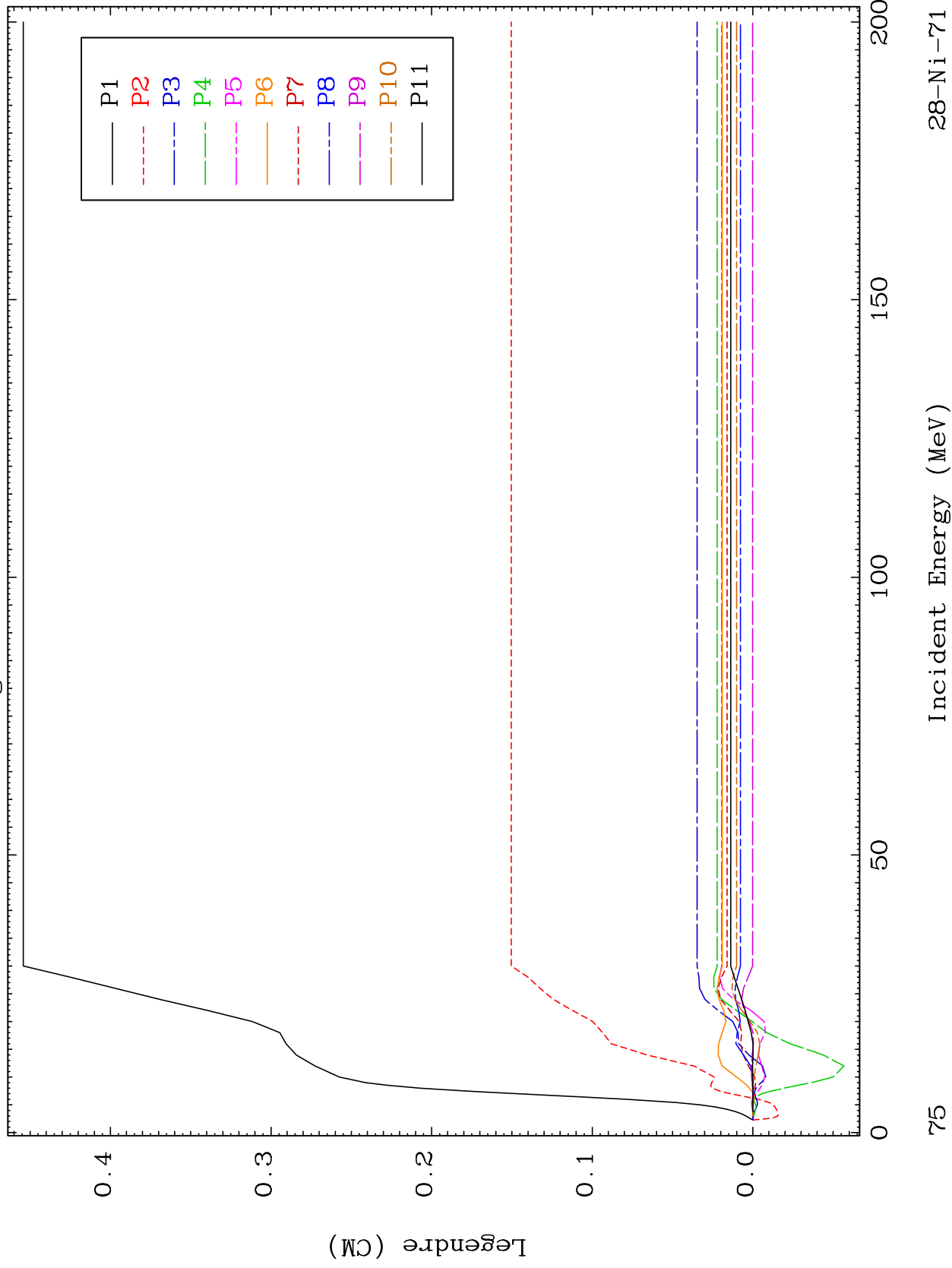


74

MAT 2864

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

28-Ni-71



28-Ni-71

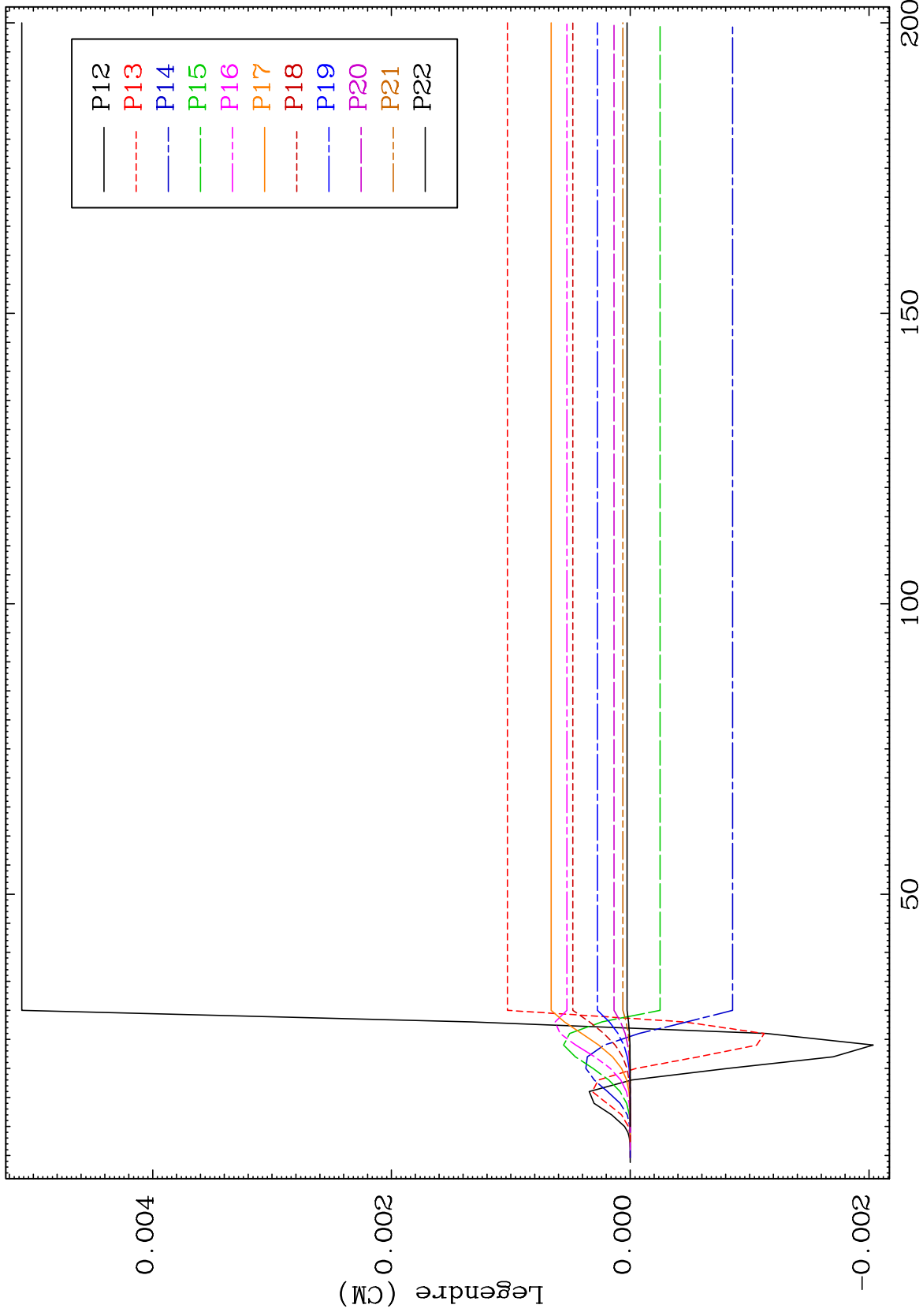
Incident Energy (MeV)

75

MAT 2864

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

28-Ni-71



76

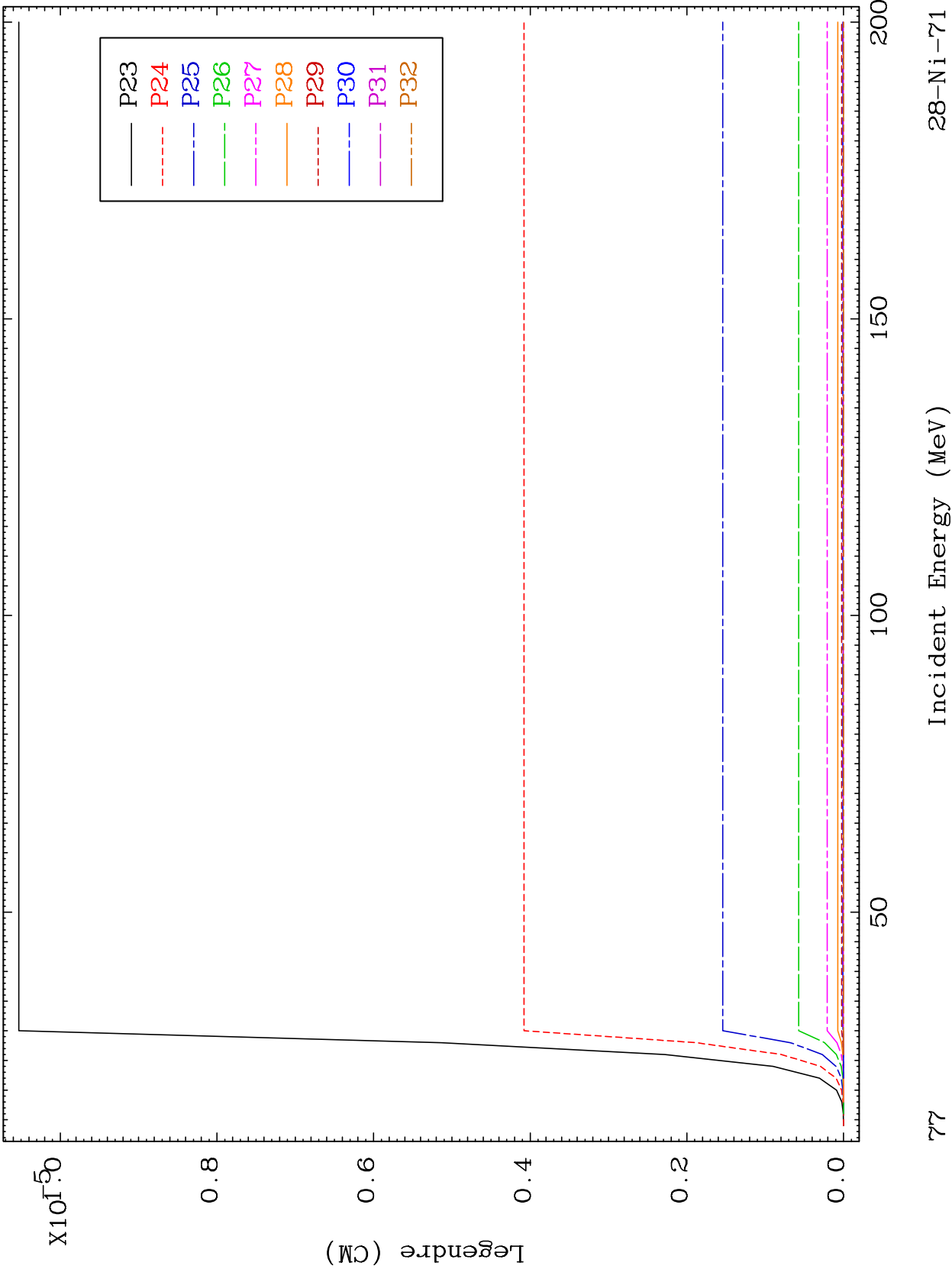
Incident Energy (MeV)

28-Ni-71

MAT 2864

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

28-Ni-71



77

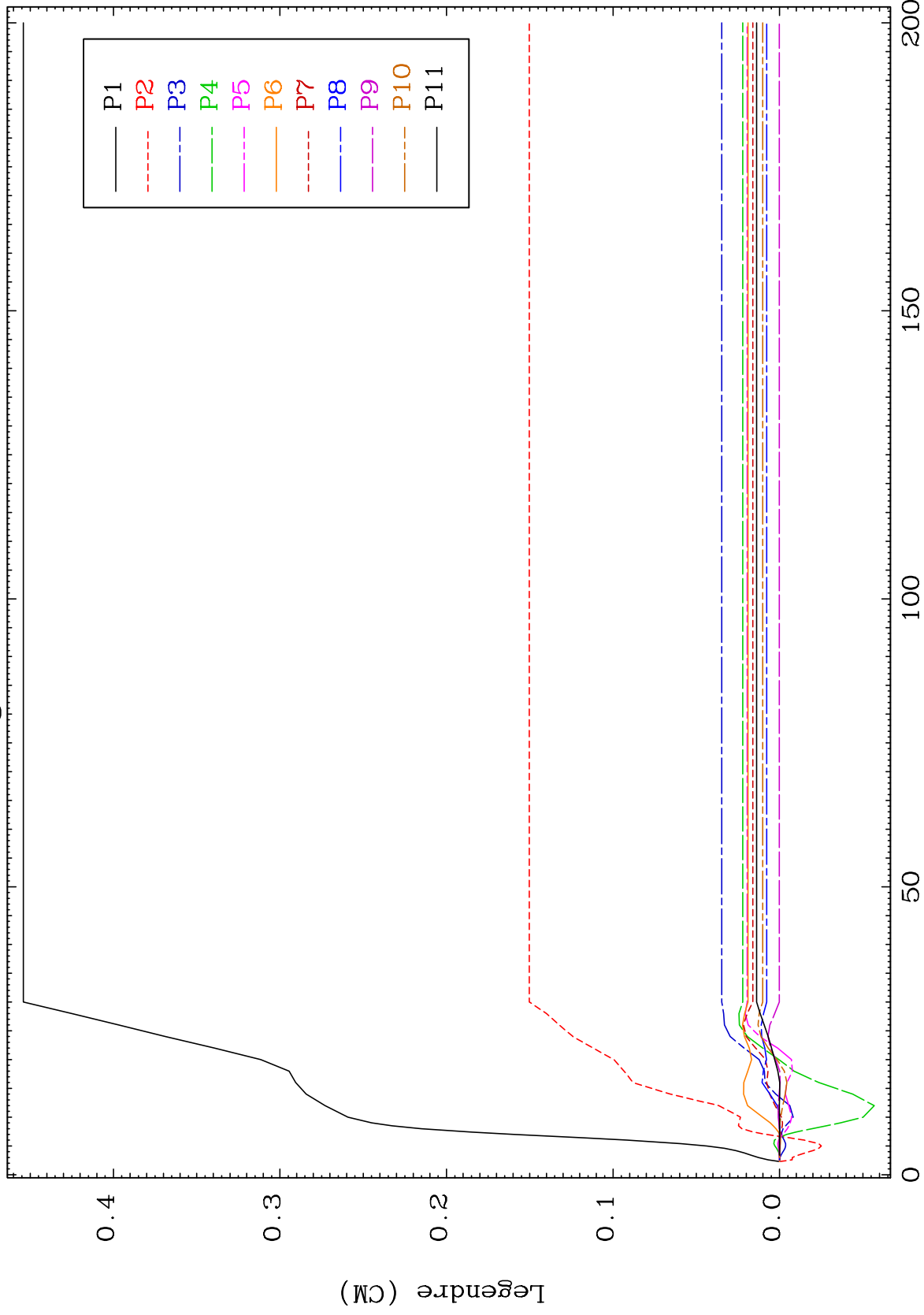
Incident Energy (MeV)

28-Ni-71

MAT 2864

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

28-Ni-71



78

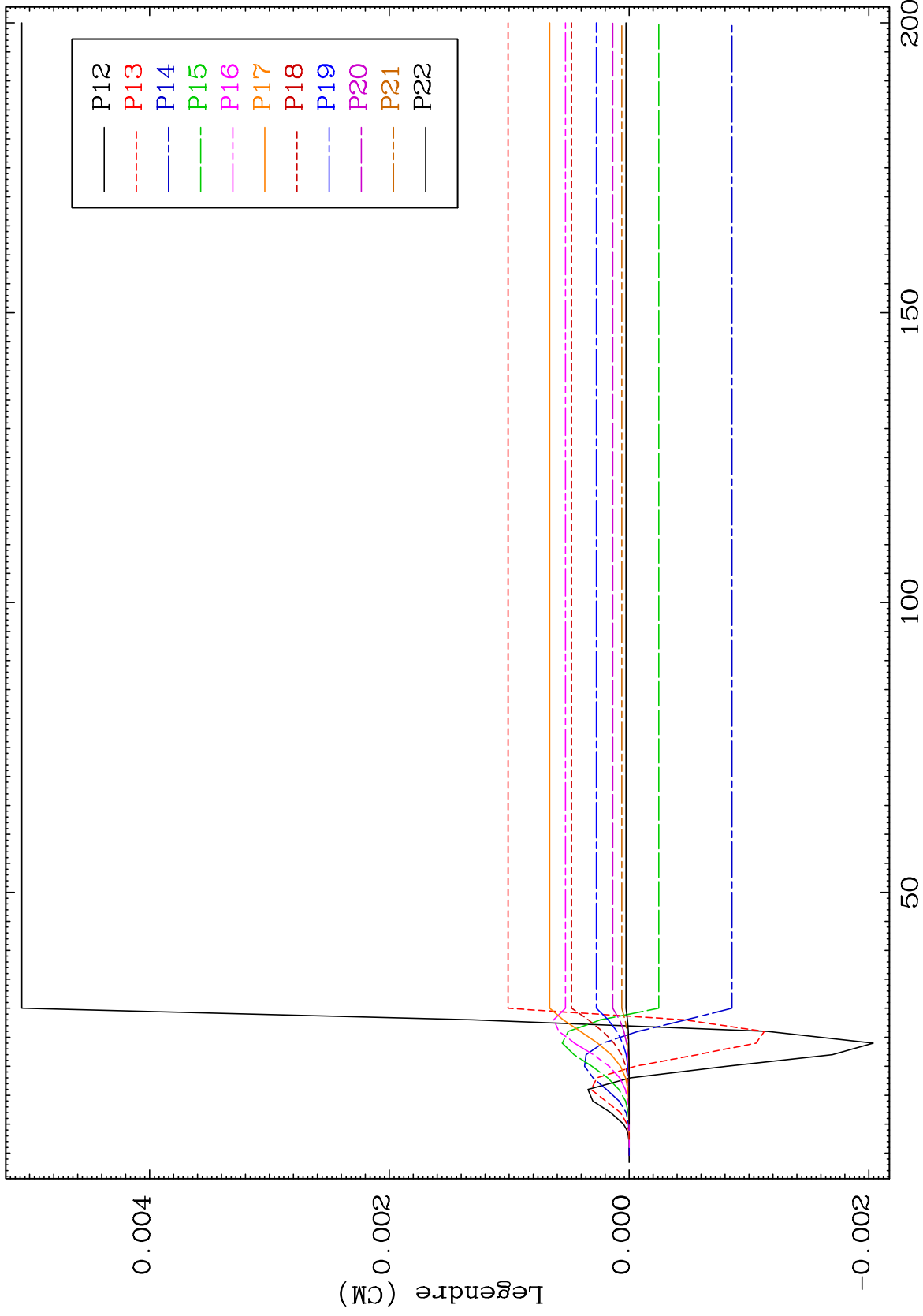
Incident Energy (MeV)

28-Ni-71

MAT 2864

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

28-Ni-71



79

Incident Energy (MeV)

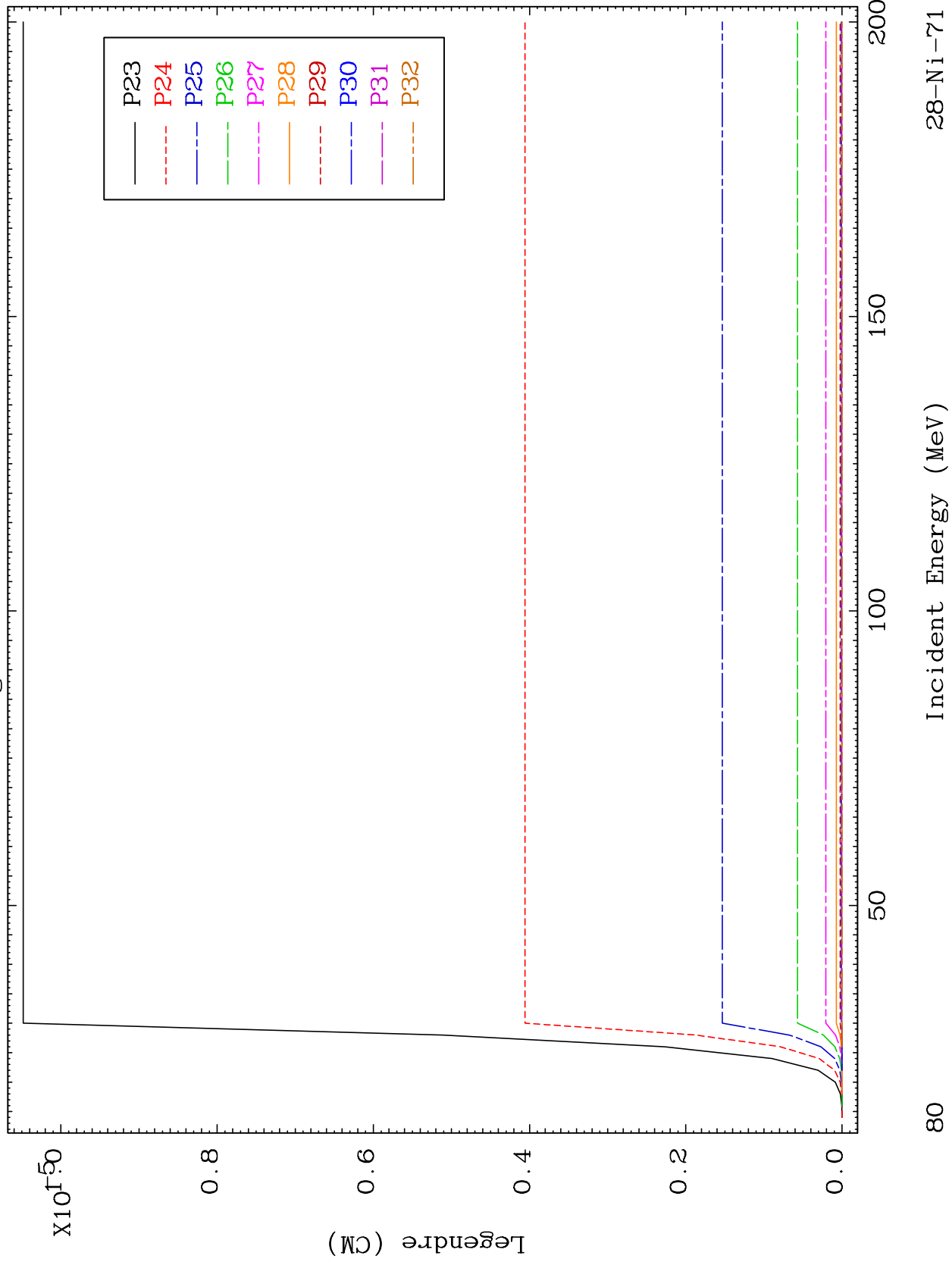
28-Ni-71



MAT 2864

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

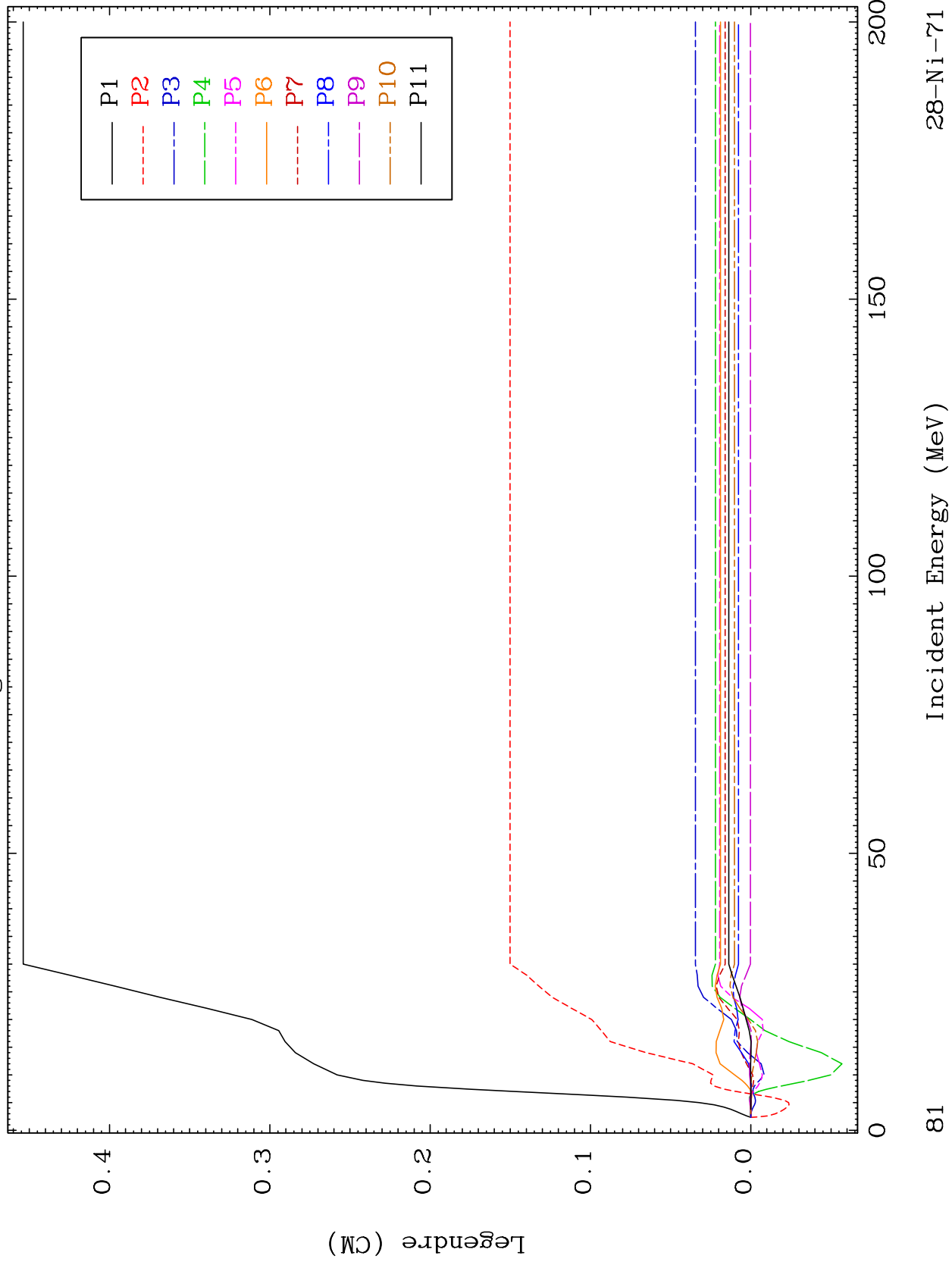
28-Ni-71



MAT 2864

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

28-Ni-71



81

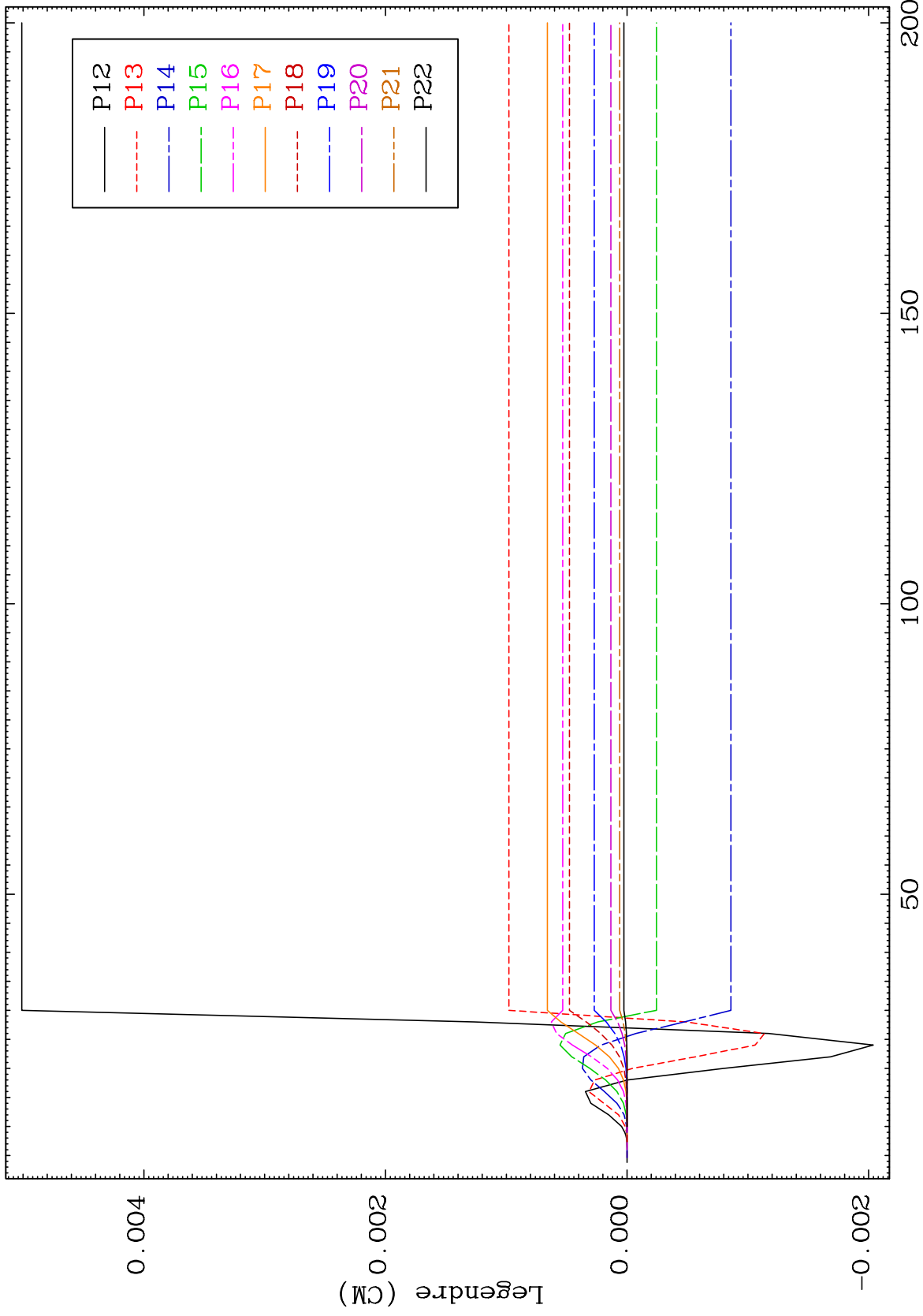
Incident Energy (MeV)

28-Ni-71

MAT 2864

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

28-Ni-71



82

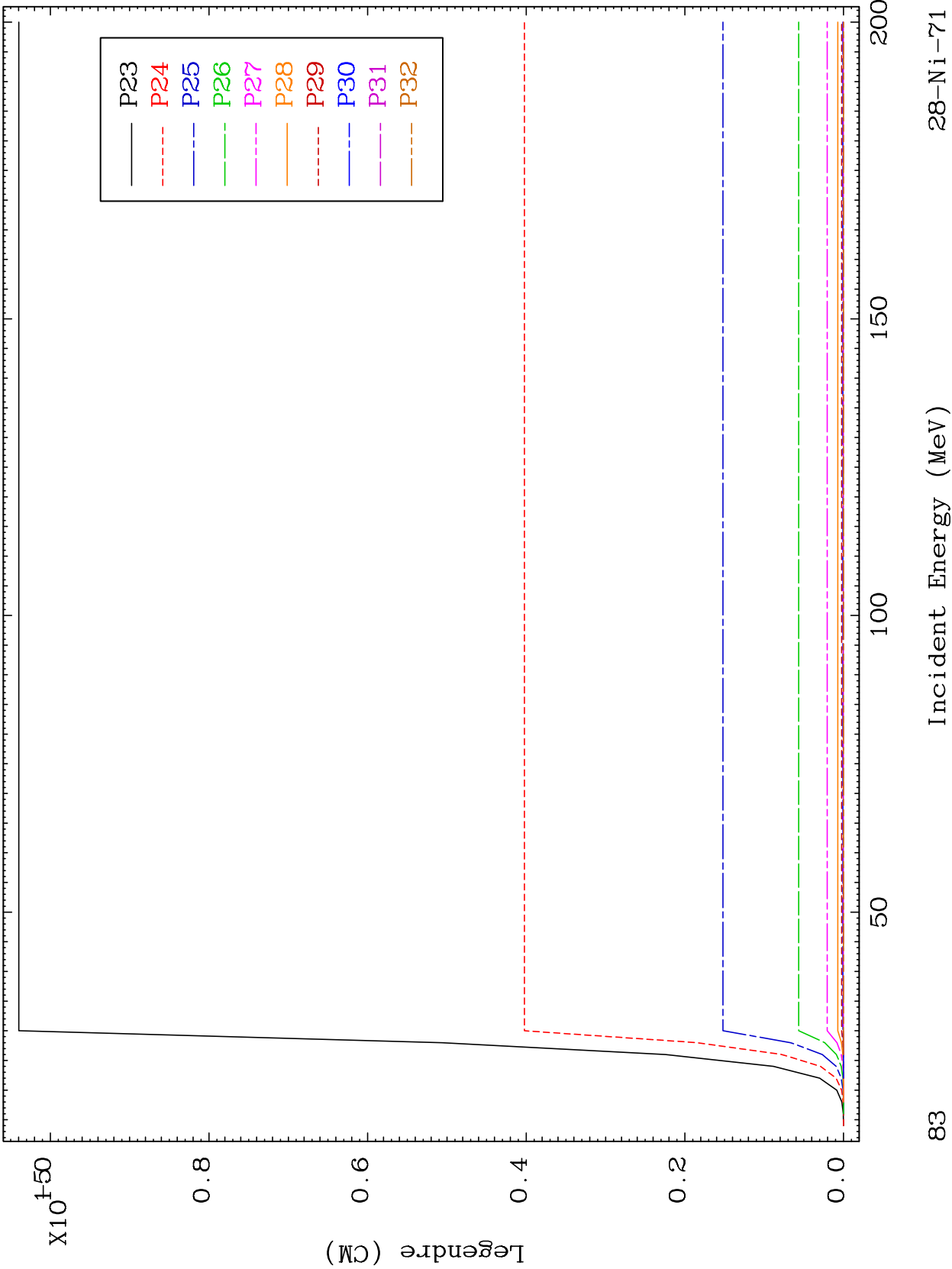
Incident Energy (MeV)

28-Ni-71

MAT 2864

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

28-Ni-71

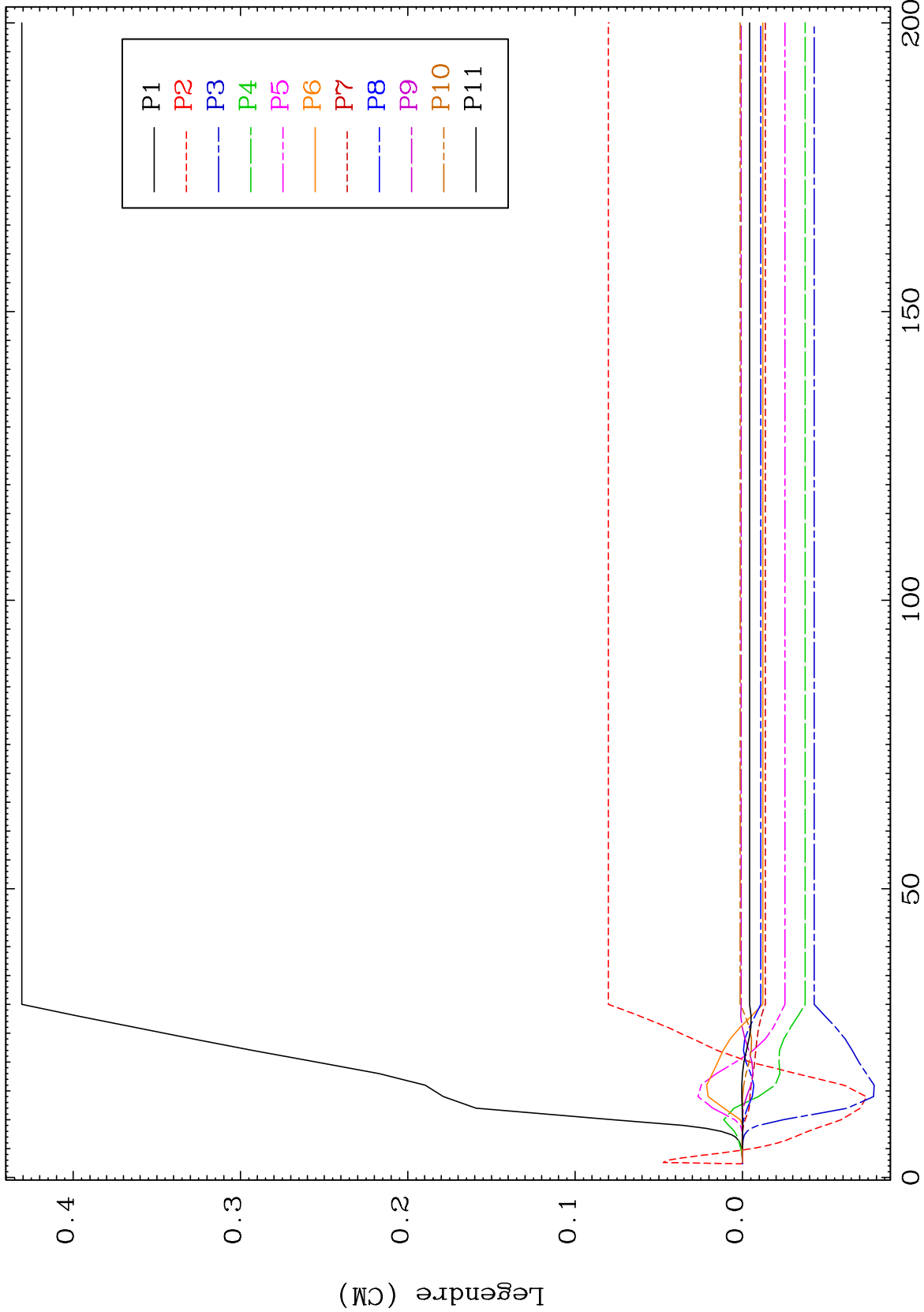


83

MAT 2864

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

28-Ni-71



84

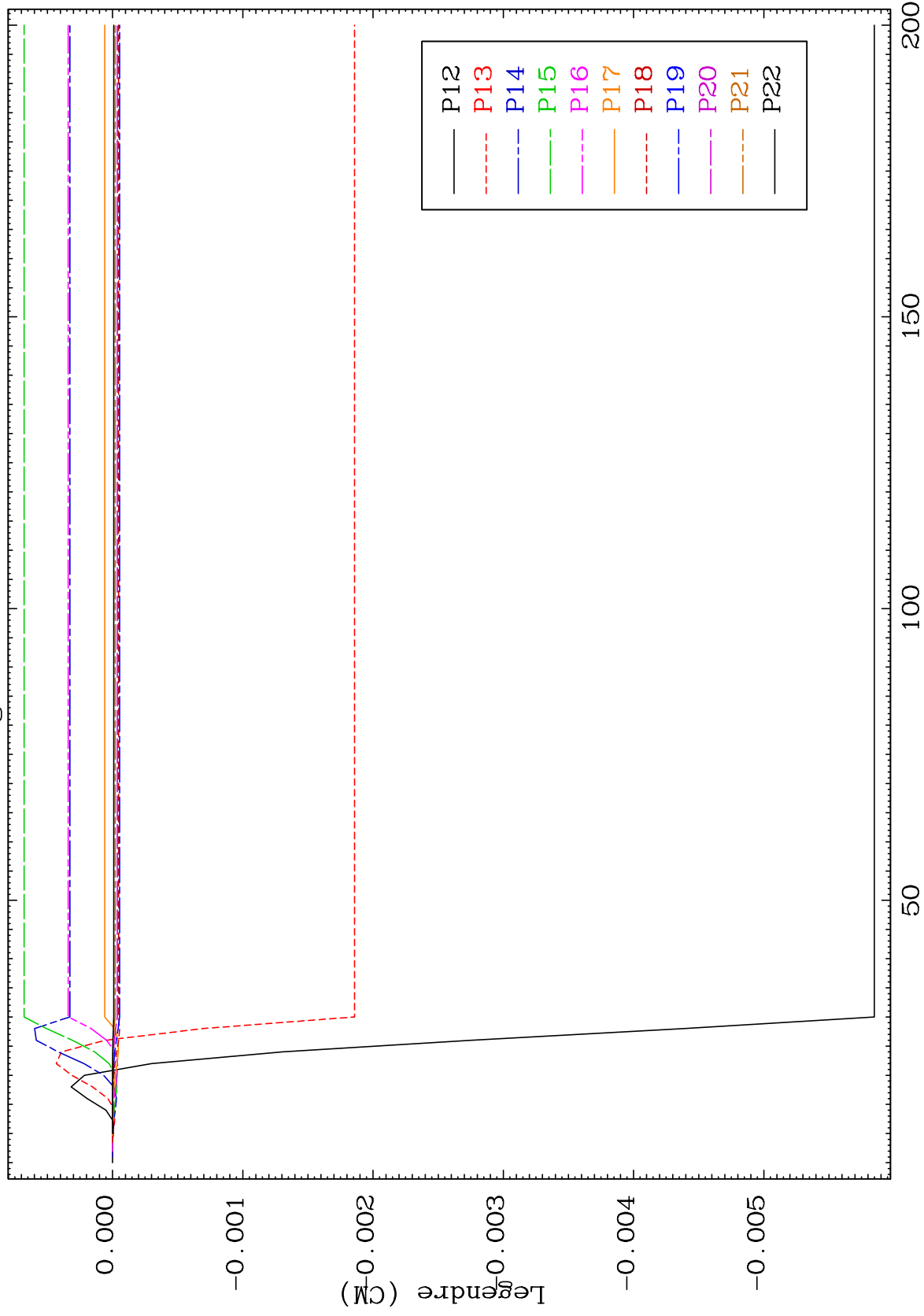
Incident Energy (MeV)

28-Ni-71

MAT 2864

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

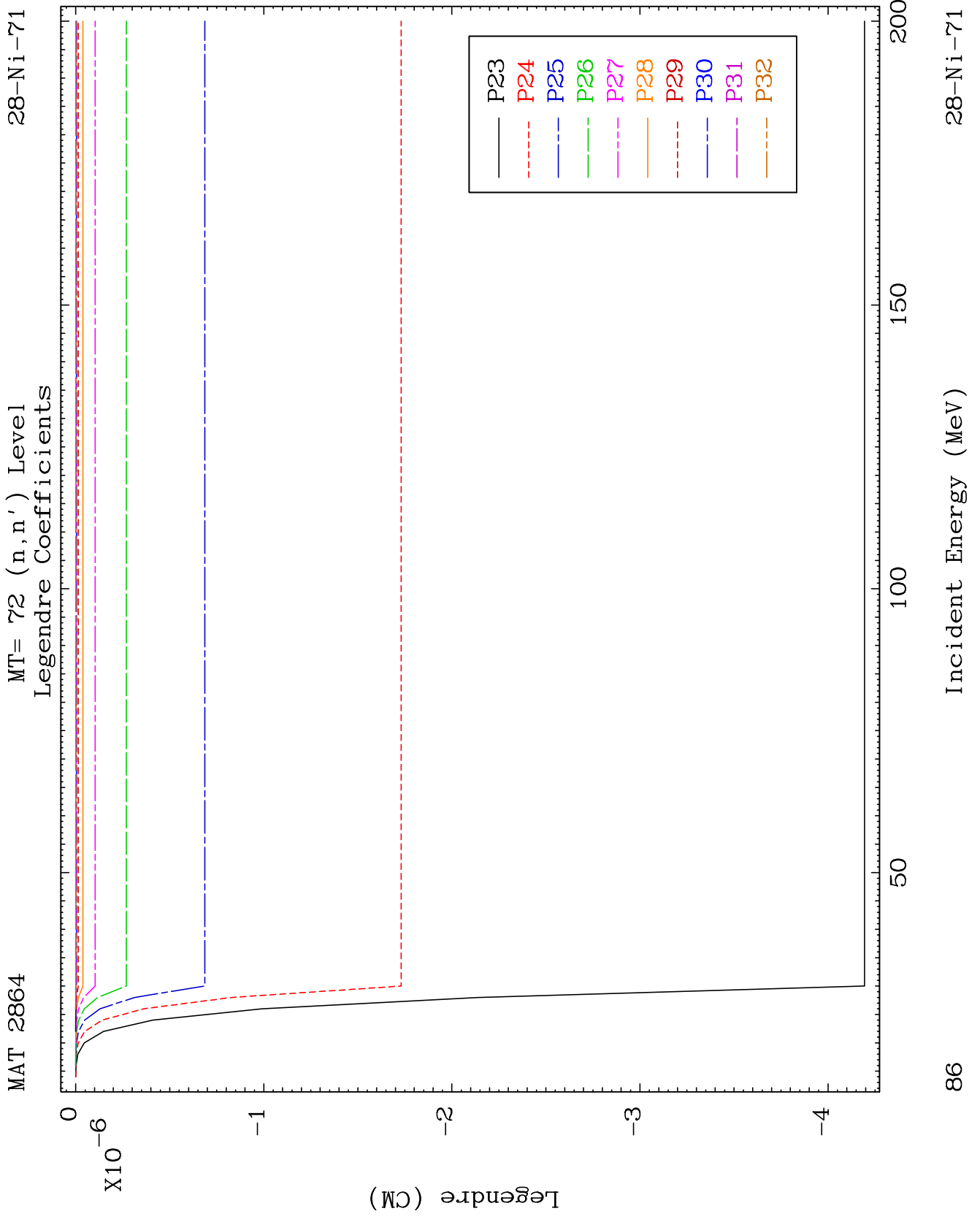
28-Ni-71



85

Incident Energy (MeV)

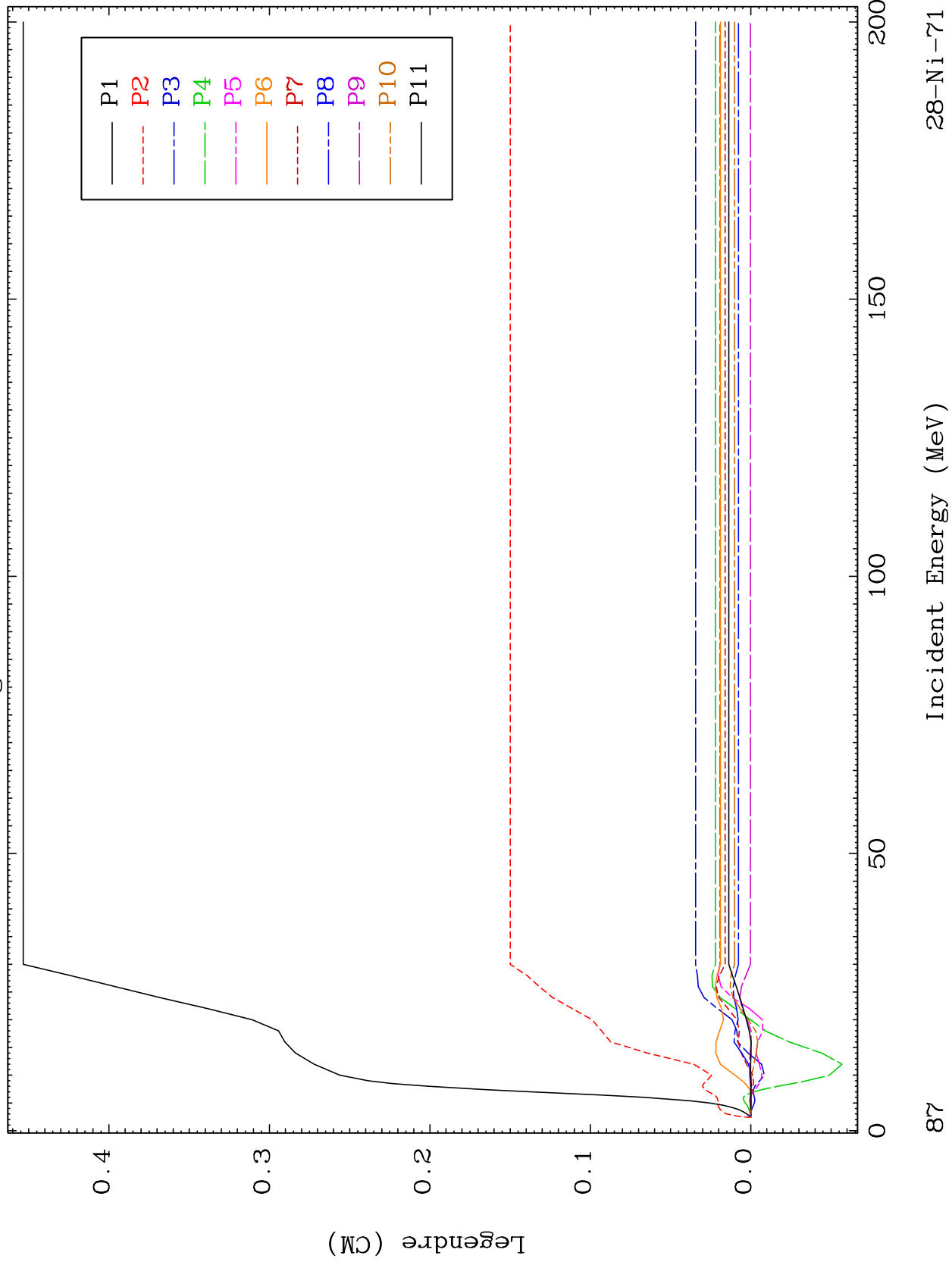
28-Ni-71



MAT 2864

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

28-Ni-71



87

Incident Energy (MeV)

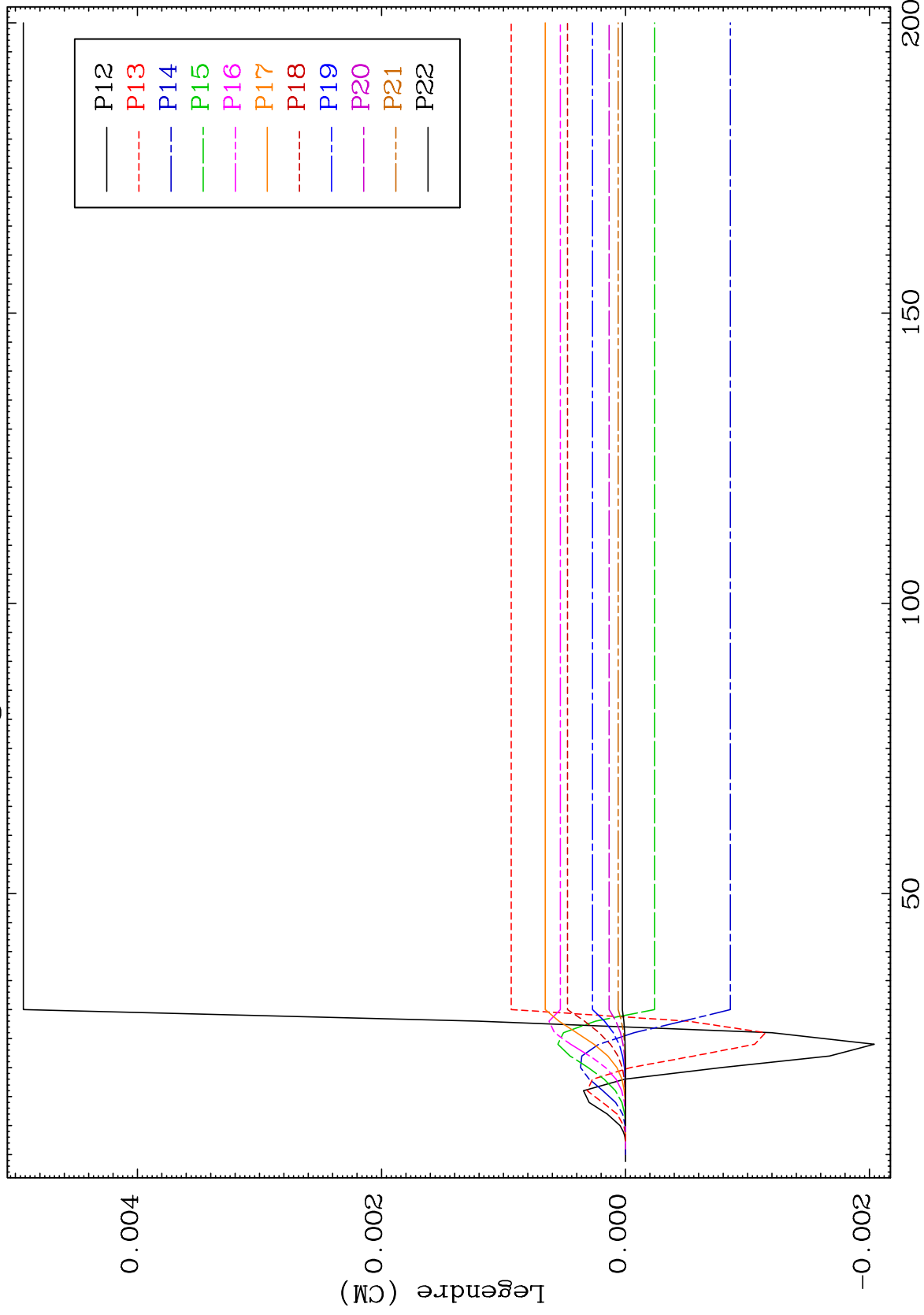
28-Ni-71



MAT 2864

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

28-Ni-71



88

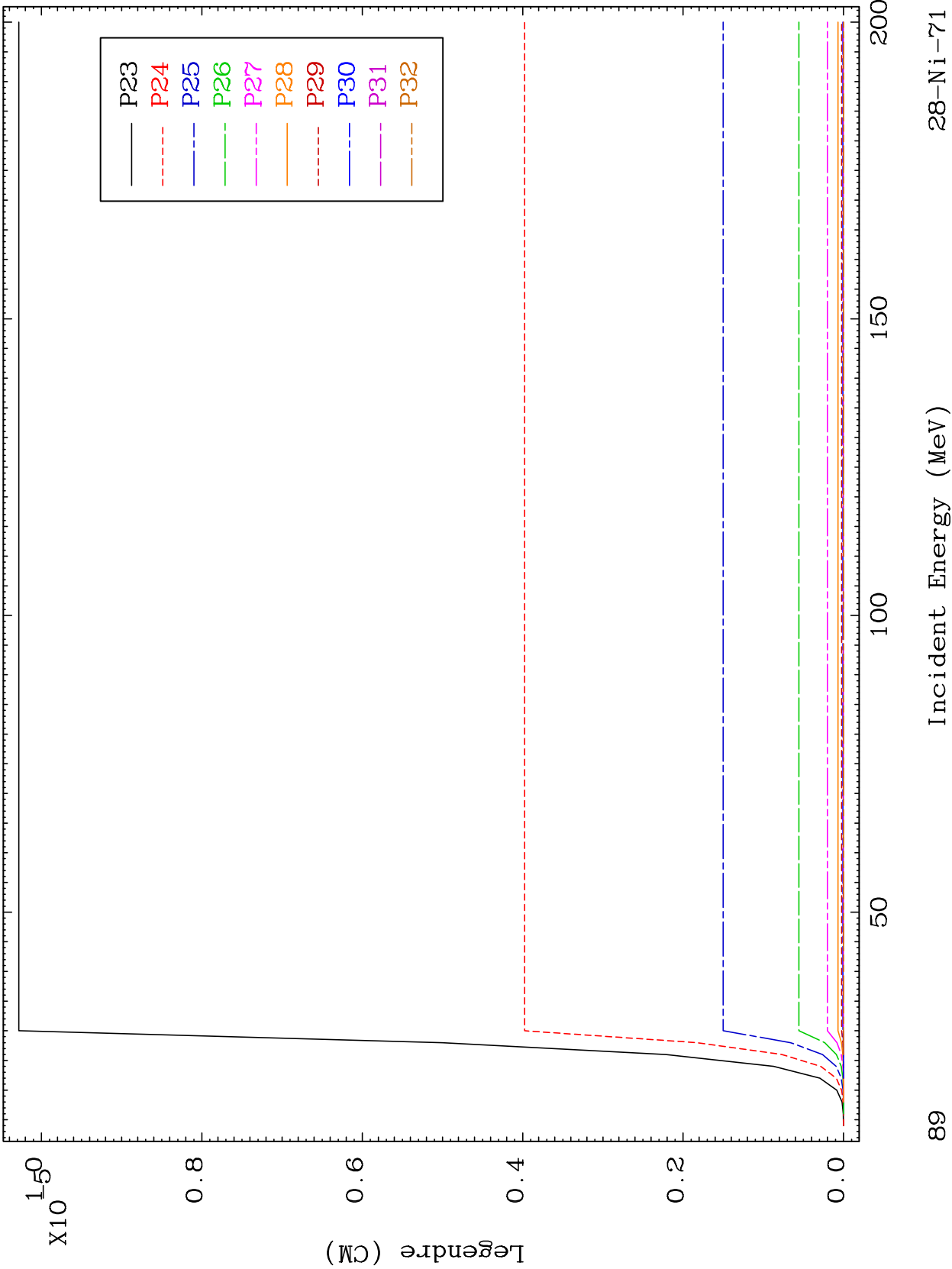
Incident Energy (MeV)

28-Ni-71

MAT 2864

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

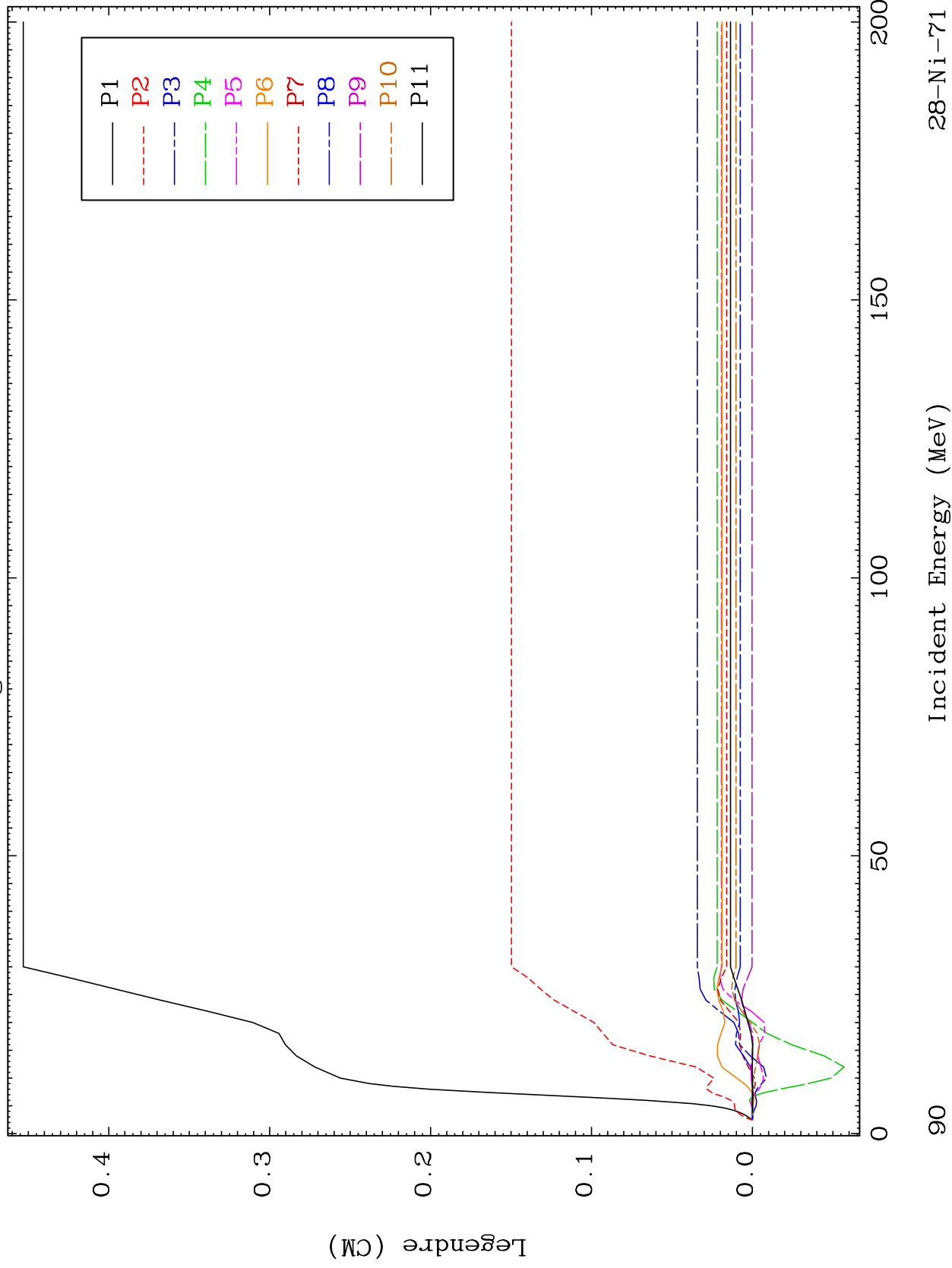
28-Ni-71



MAT 2864

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

28-Ni-71



28-Ni-71

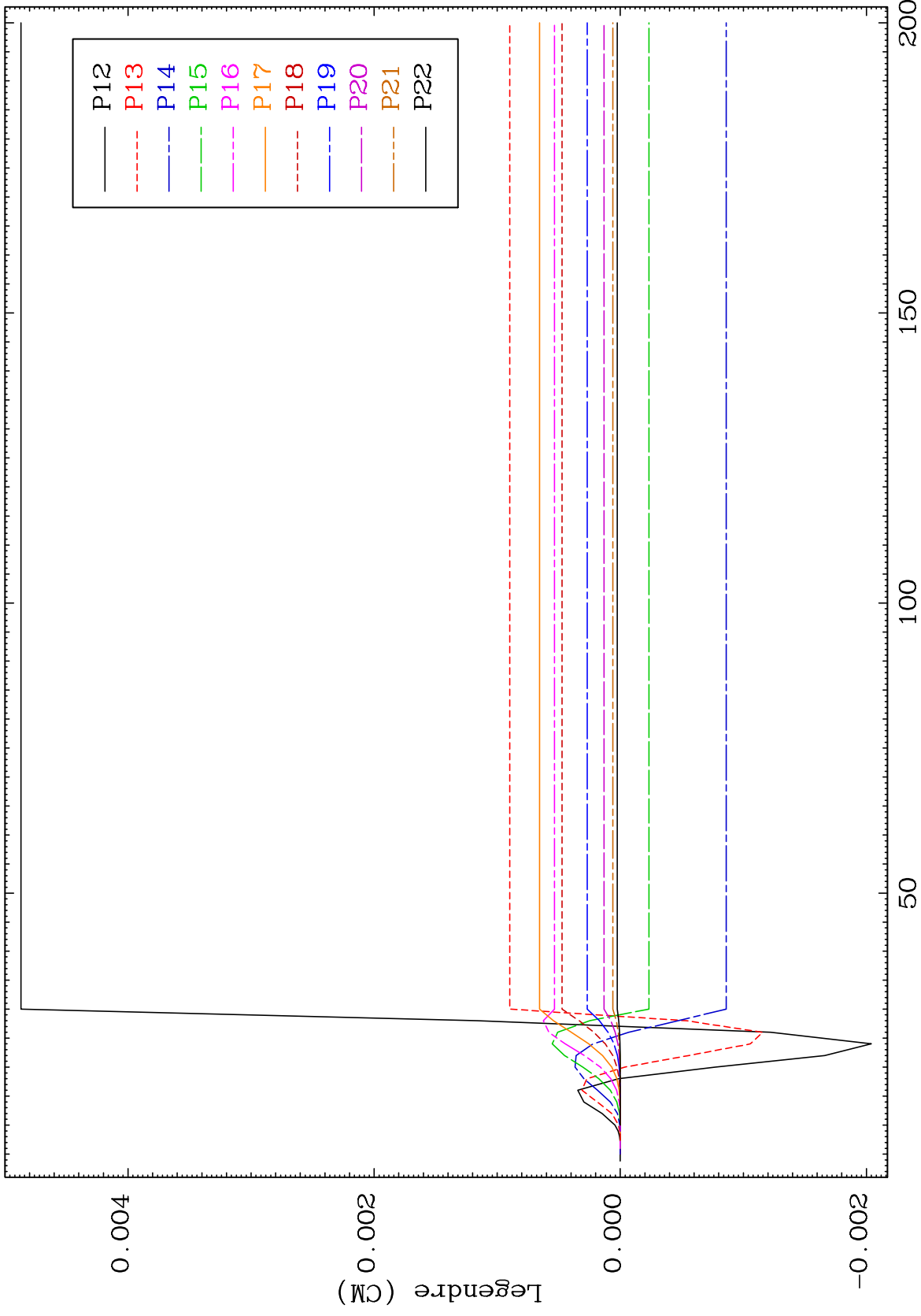
Incident Energy (MeV)

90

MAT 2864

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

28-Ni-71



91

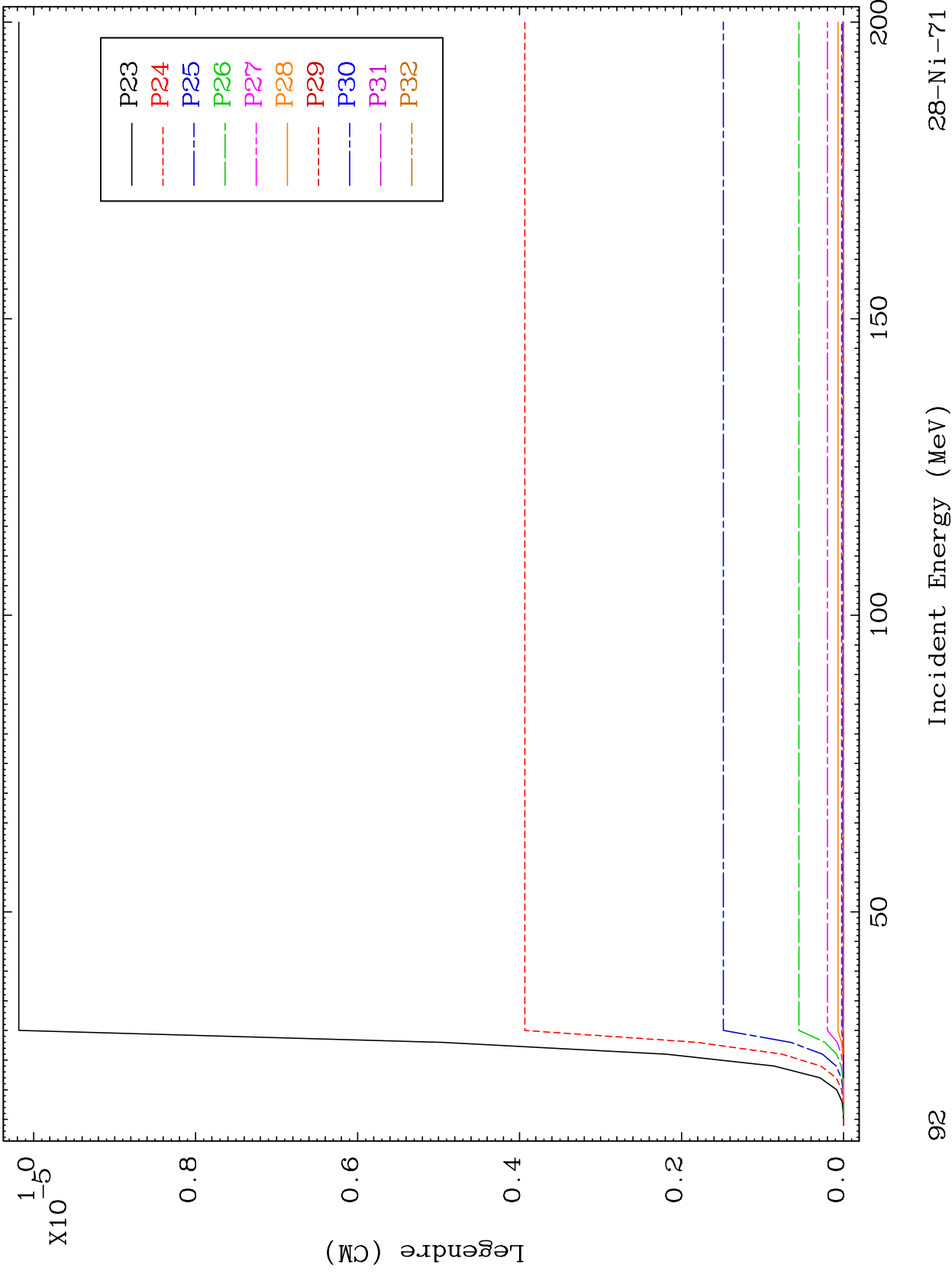
Incident Energy (MeV)

28-Ni-71

MAT 2864

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

28-Ni-71



92

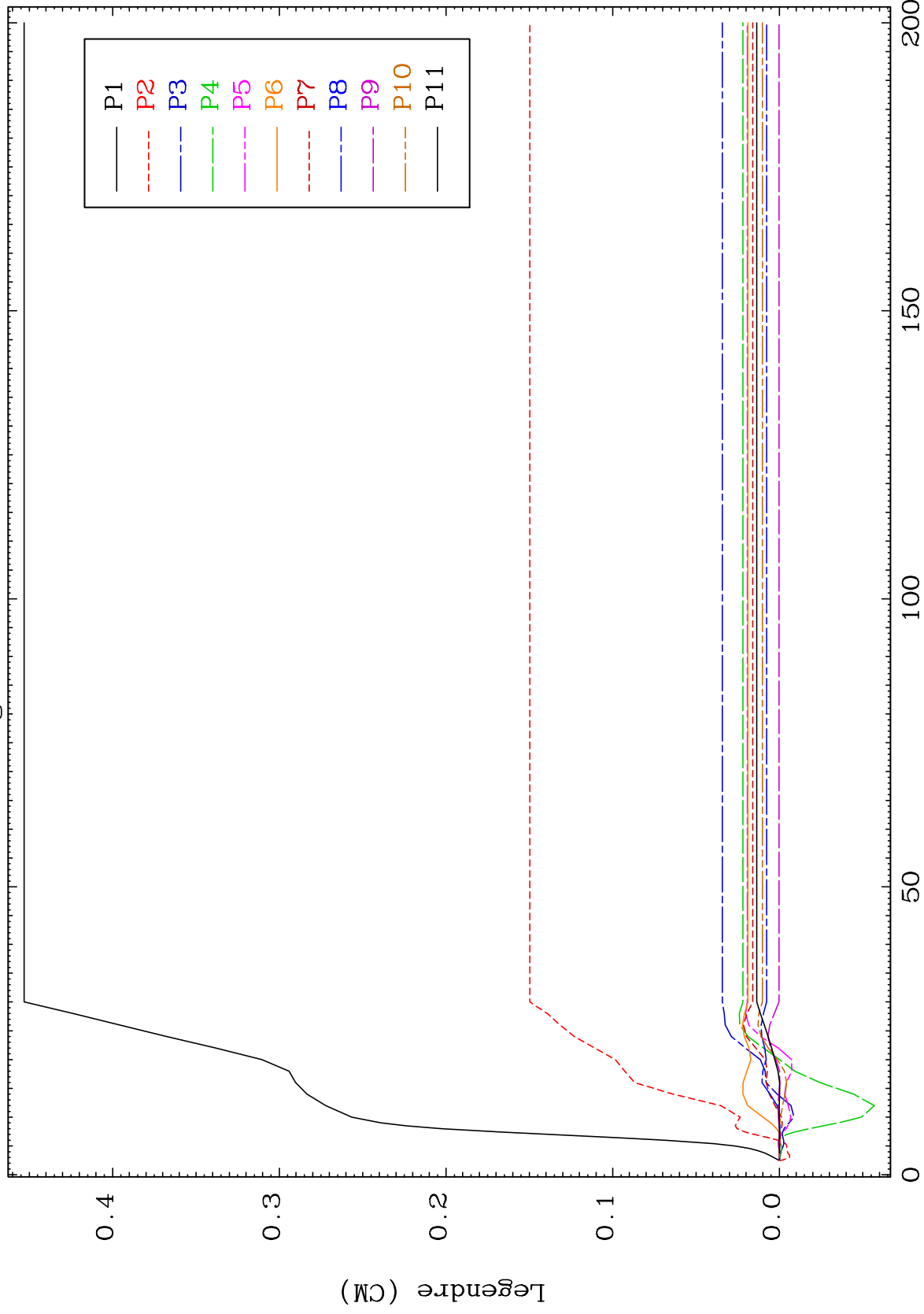
Incident Energy (MeV)

28-Ni-71

MAT 2864

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

28-Ni-71



93

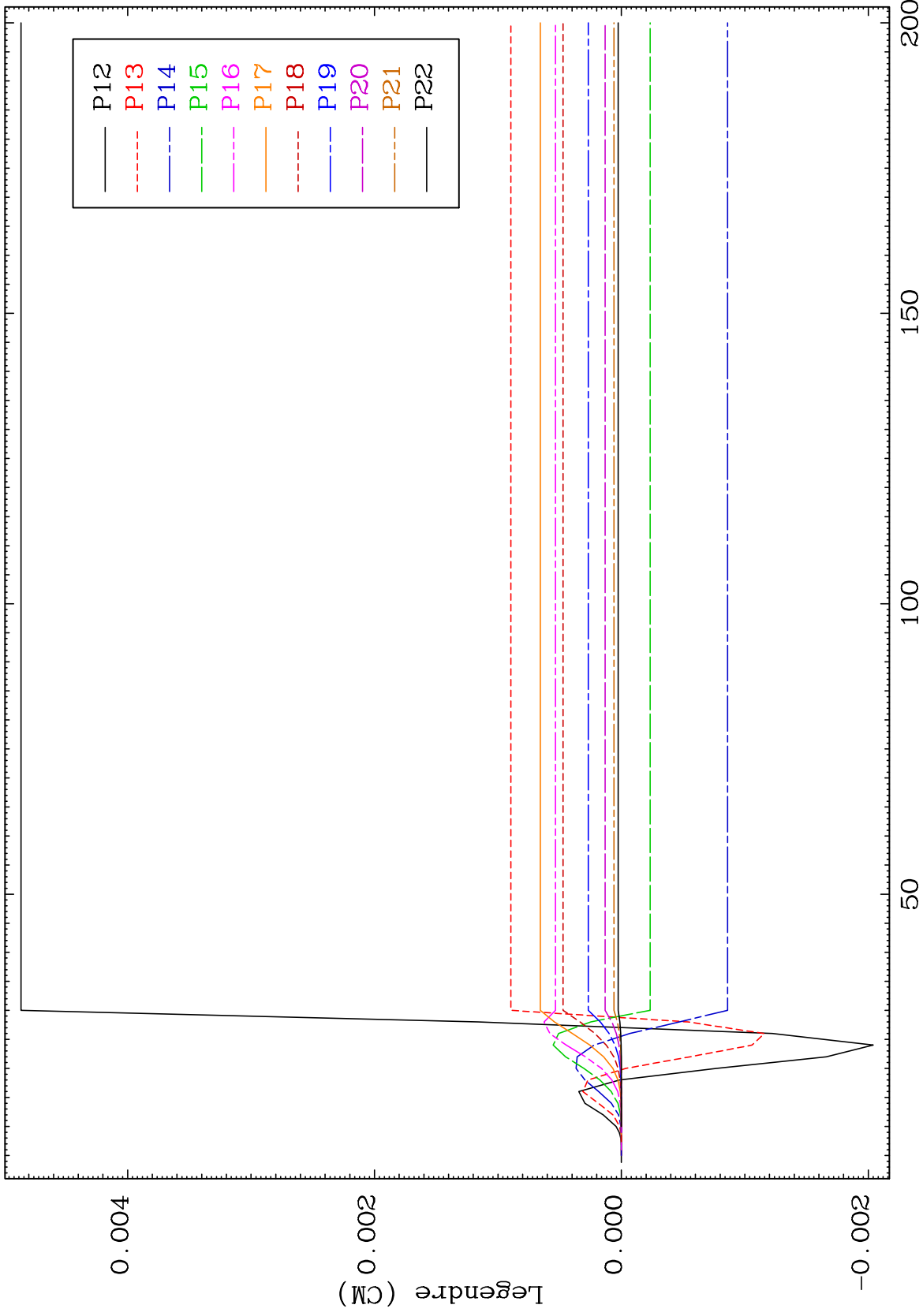
Incident Energy (MeV)

28-Ni-71

MAT 2864

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

28-Ni-71



94

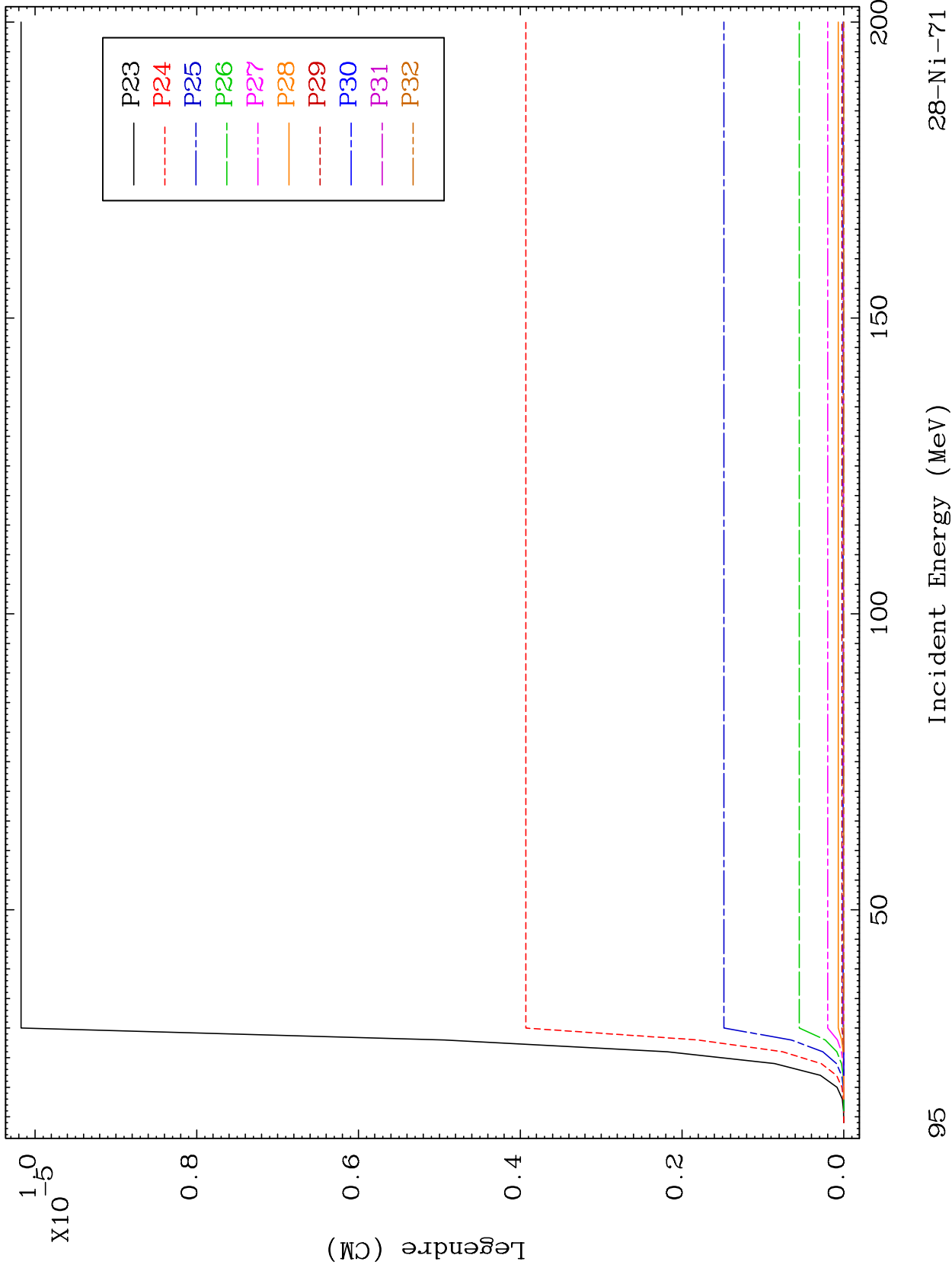
Incident Energy (MeV)

28-Ni-71

MAT 2864

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

28-Ni-71

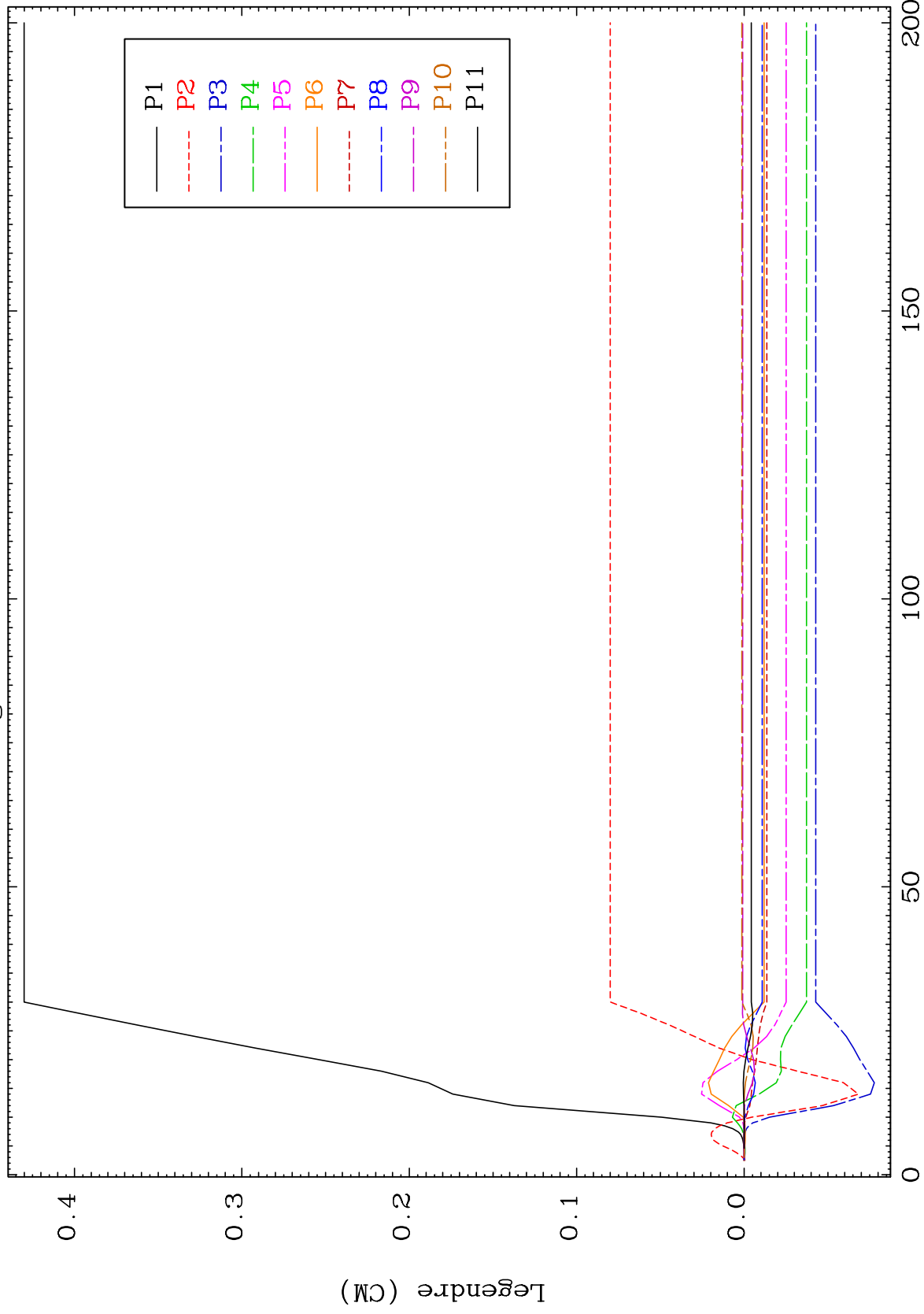




MAT 2864

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

28-Ni-71



96

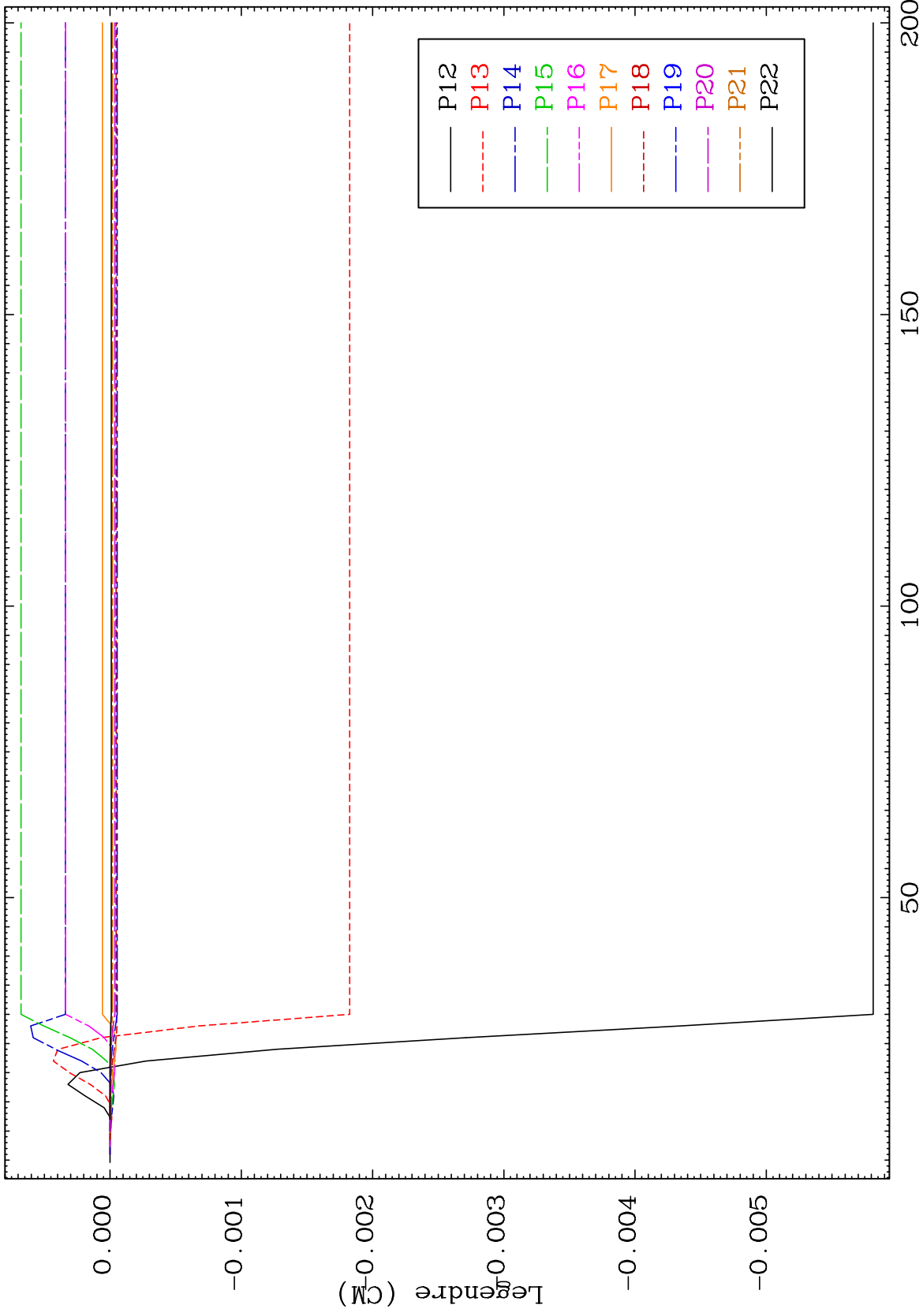
Incident Energy (MeV)

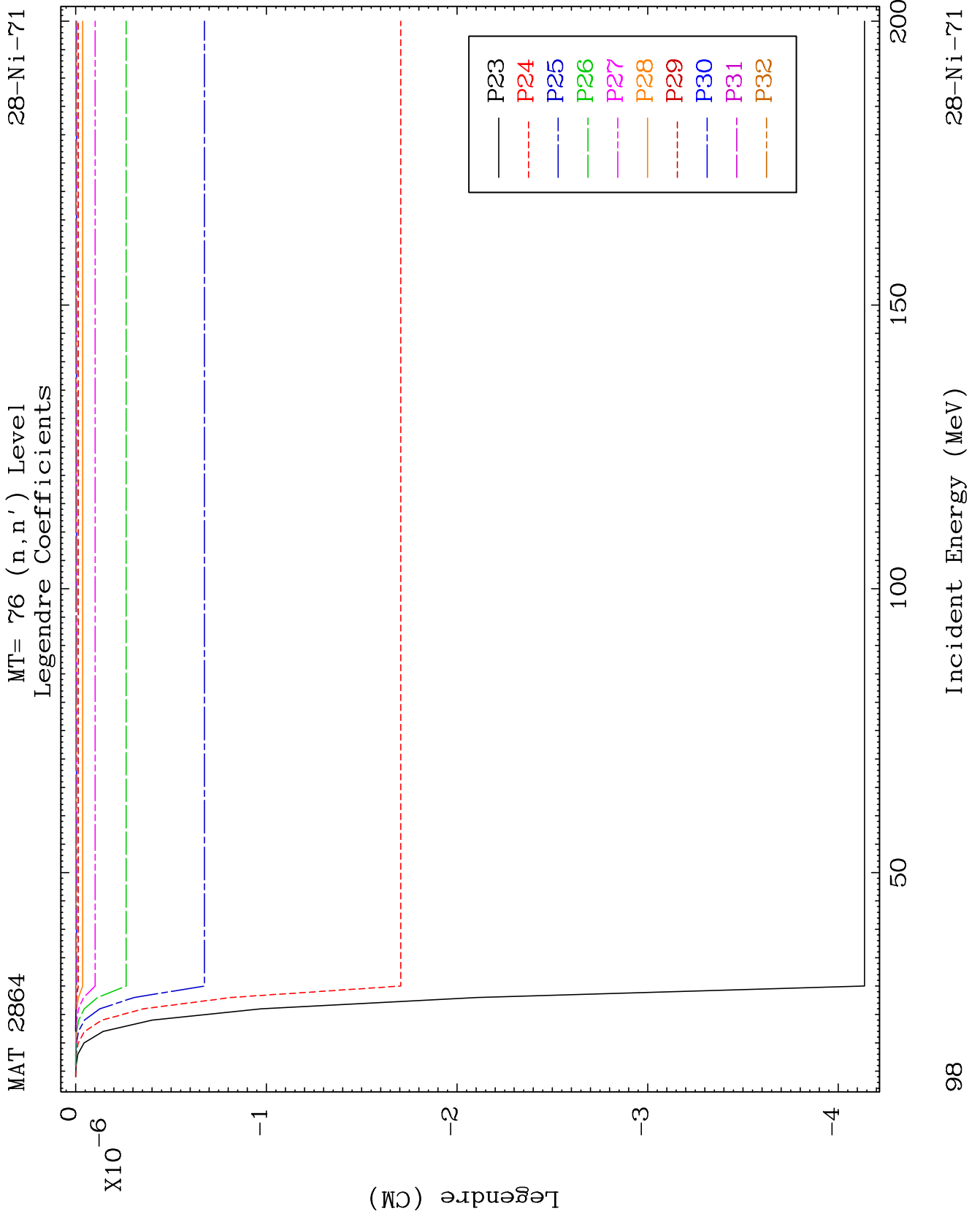
28-Ni-71

MAT 2864

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

28-Ni-71

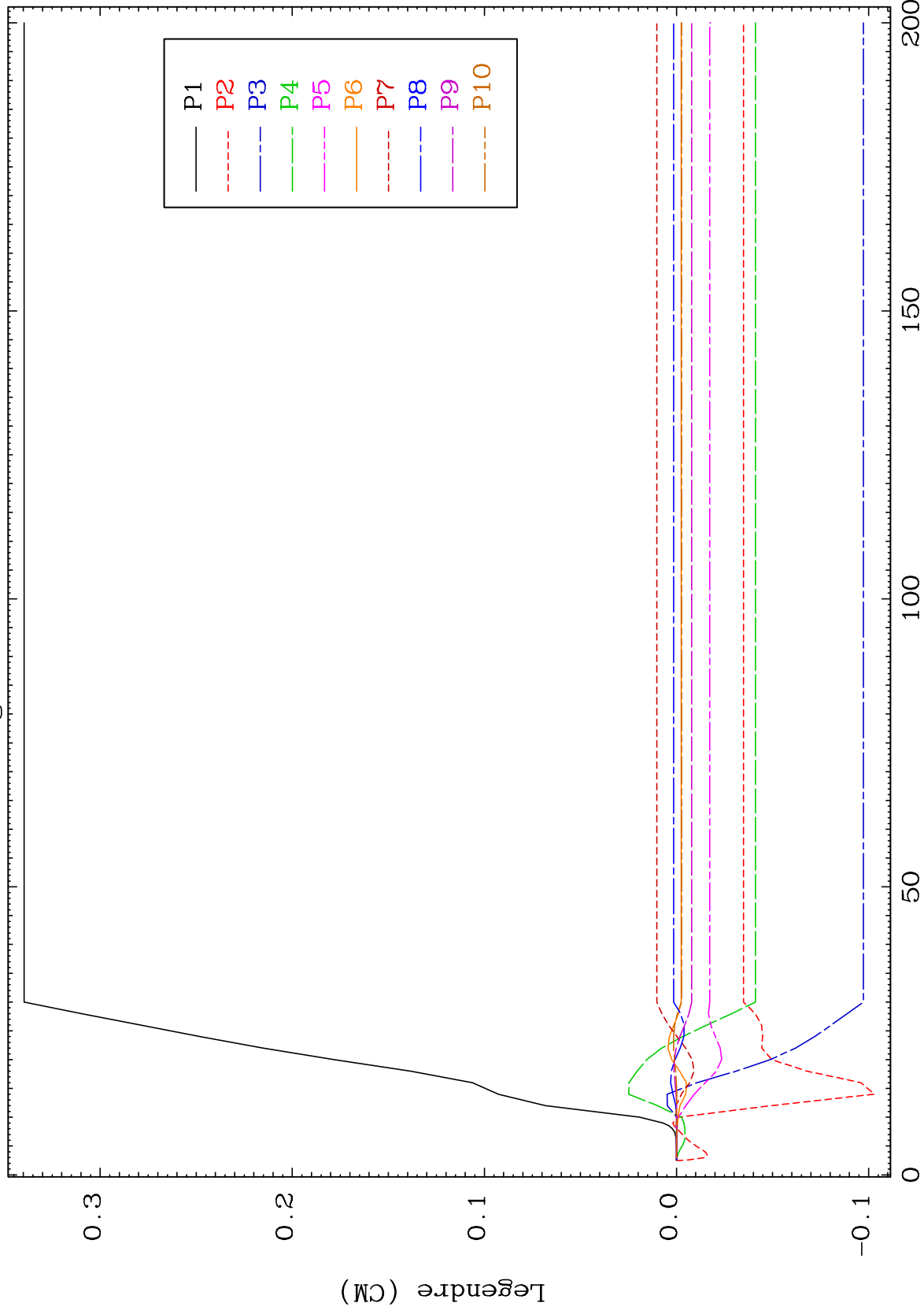




MAT 2864

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

28-Ni-71



99

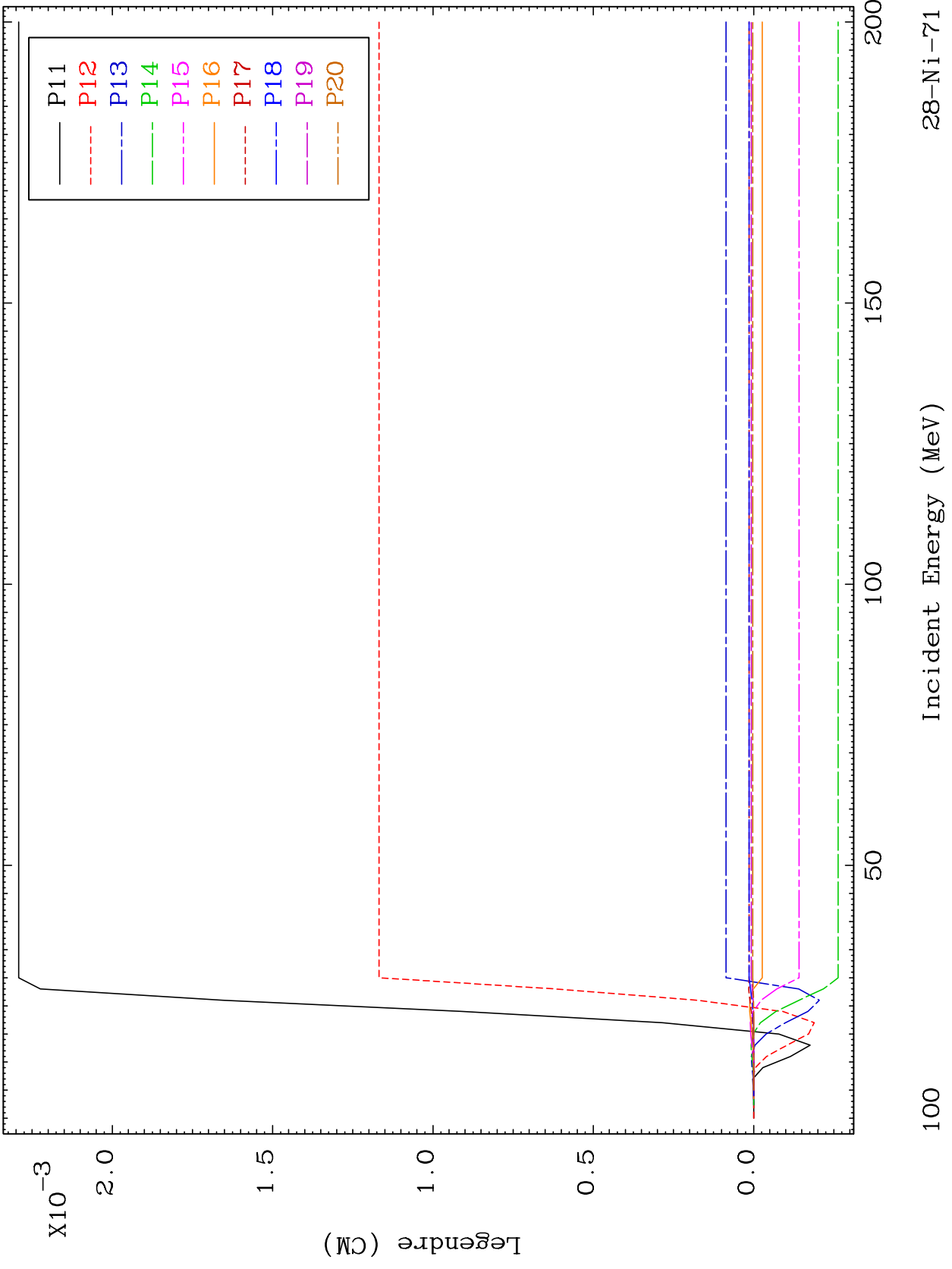
Incident Energy (MeV)

28-Ni-71

MAT 2864

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

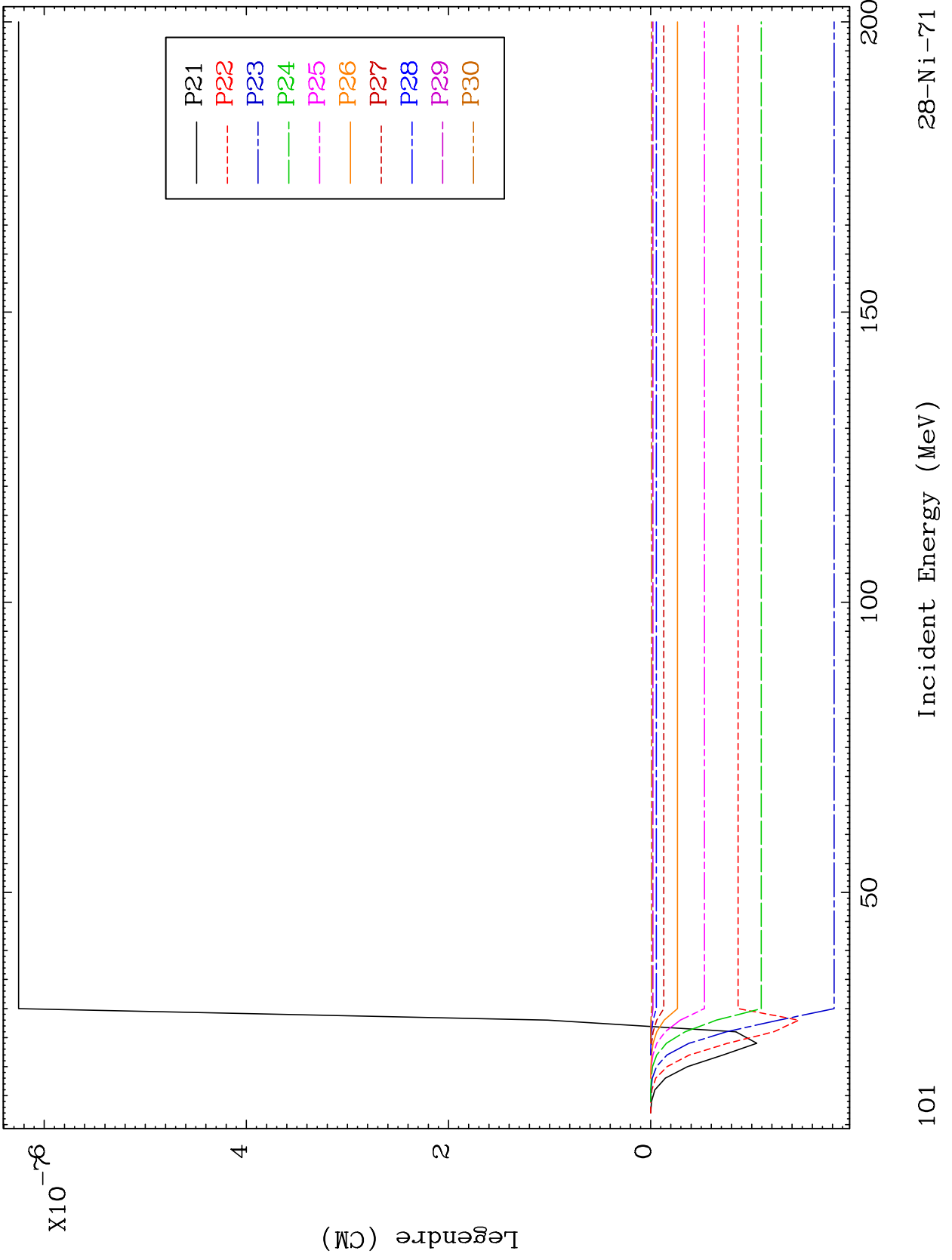
28-Ni-71



MAT 2864

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

28-Ni-71



101

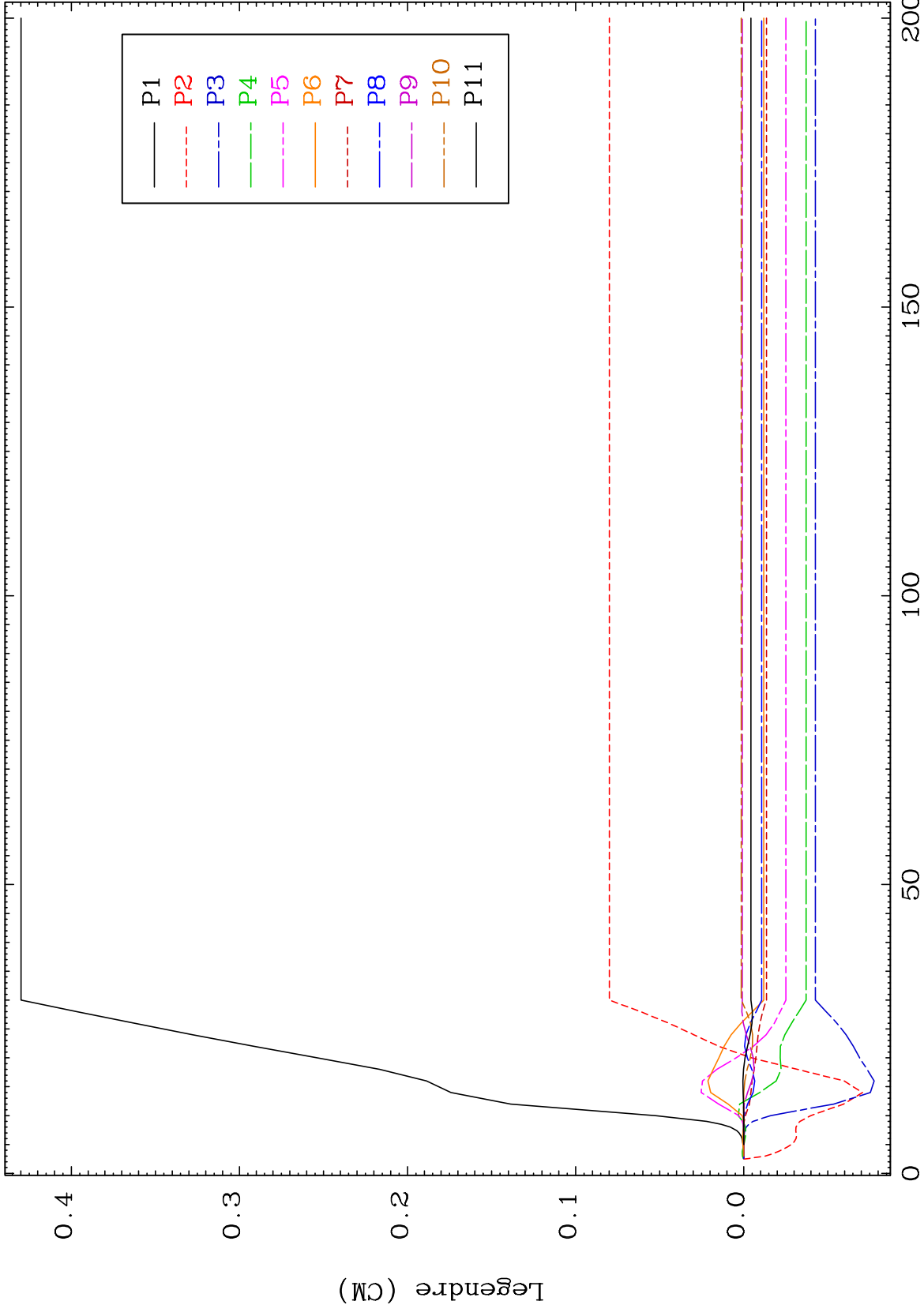
Incident Energy (MeV)

28-Ni-71

MAT 2864

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

28-Ni-71



102

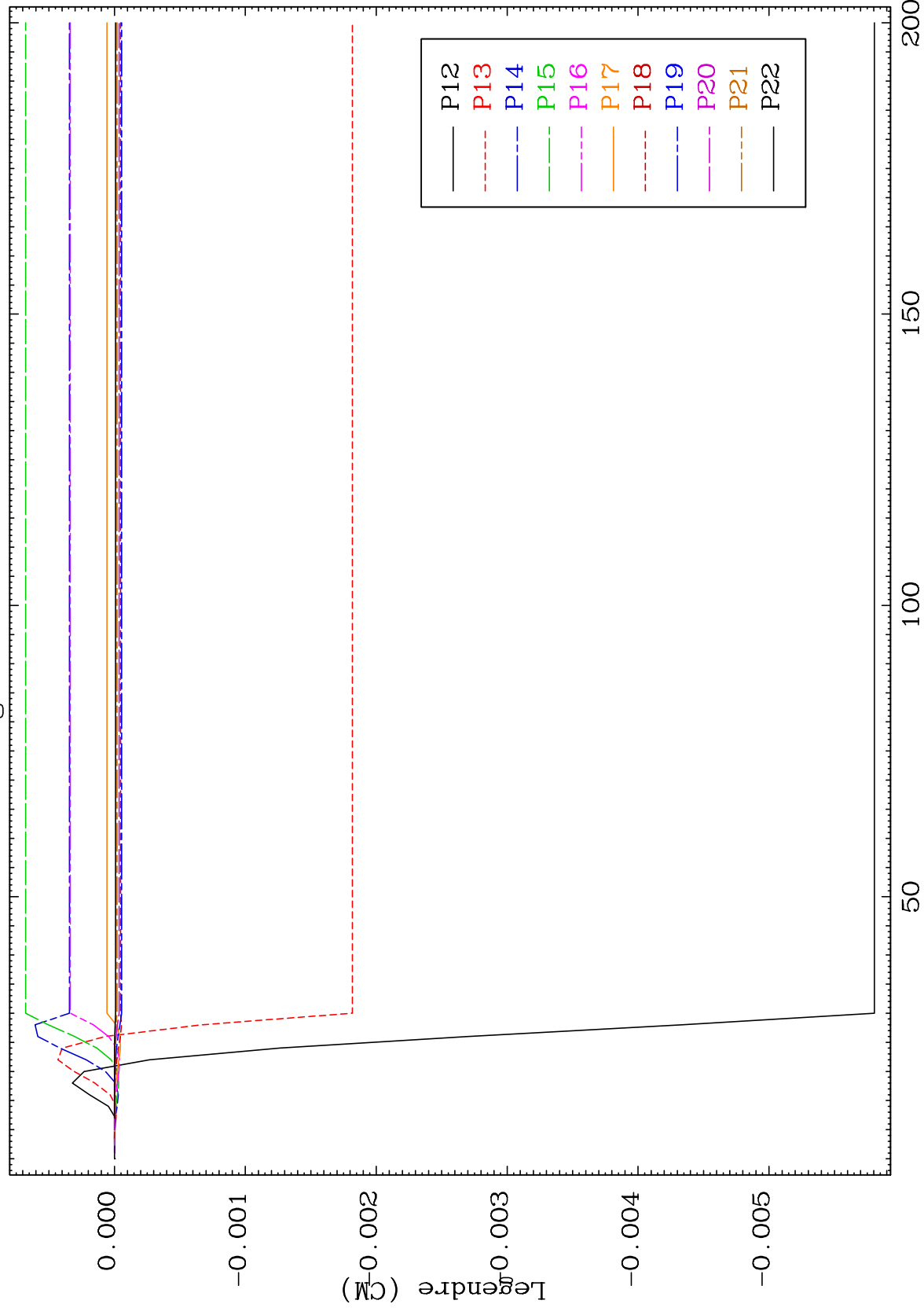
Incident Energy (MeV)

28-Ni-71

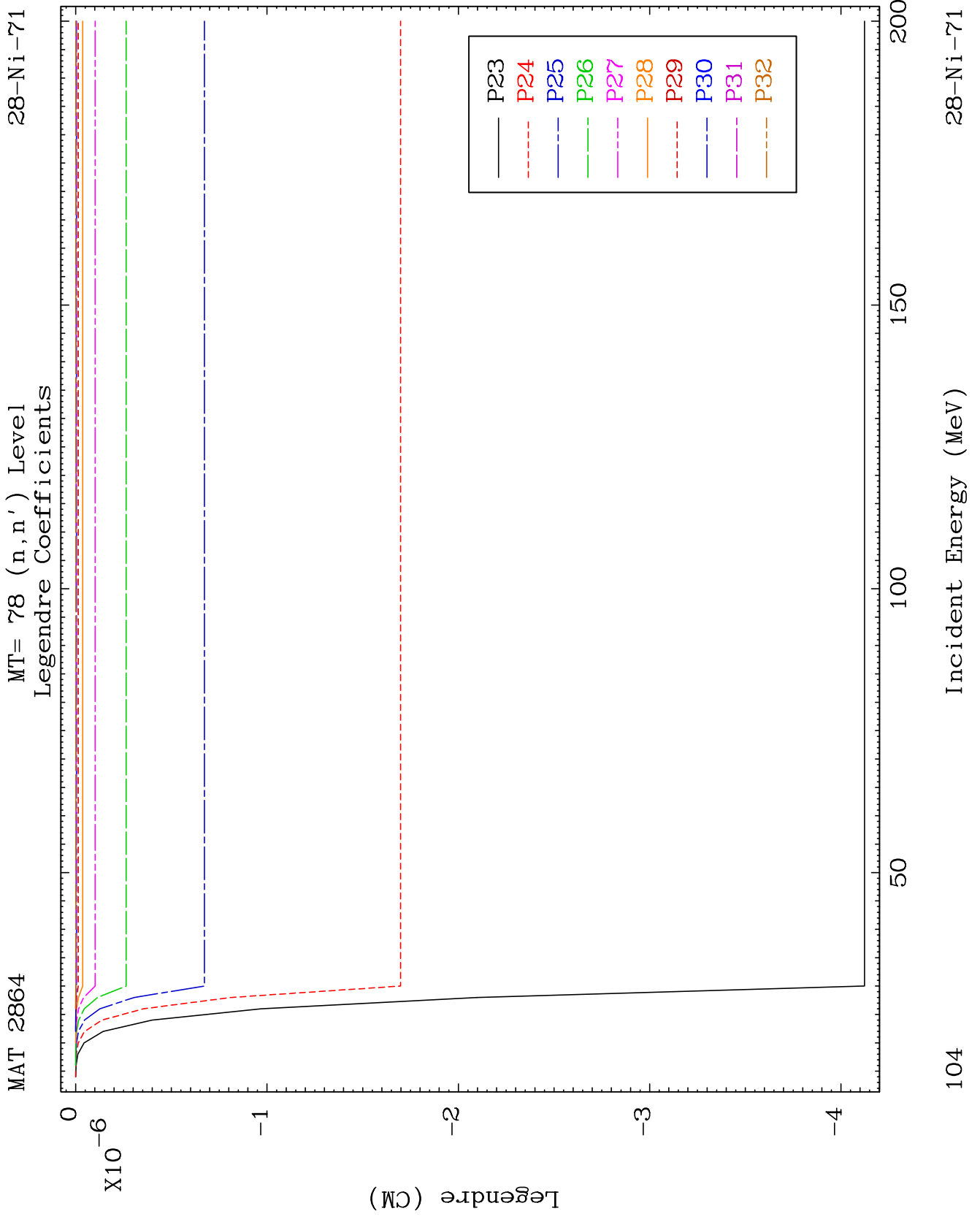
MAT 2864

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

28-Ni-71



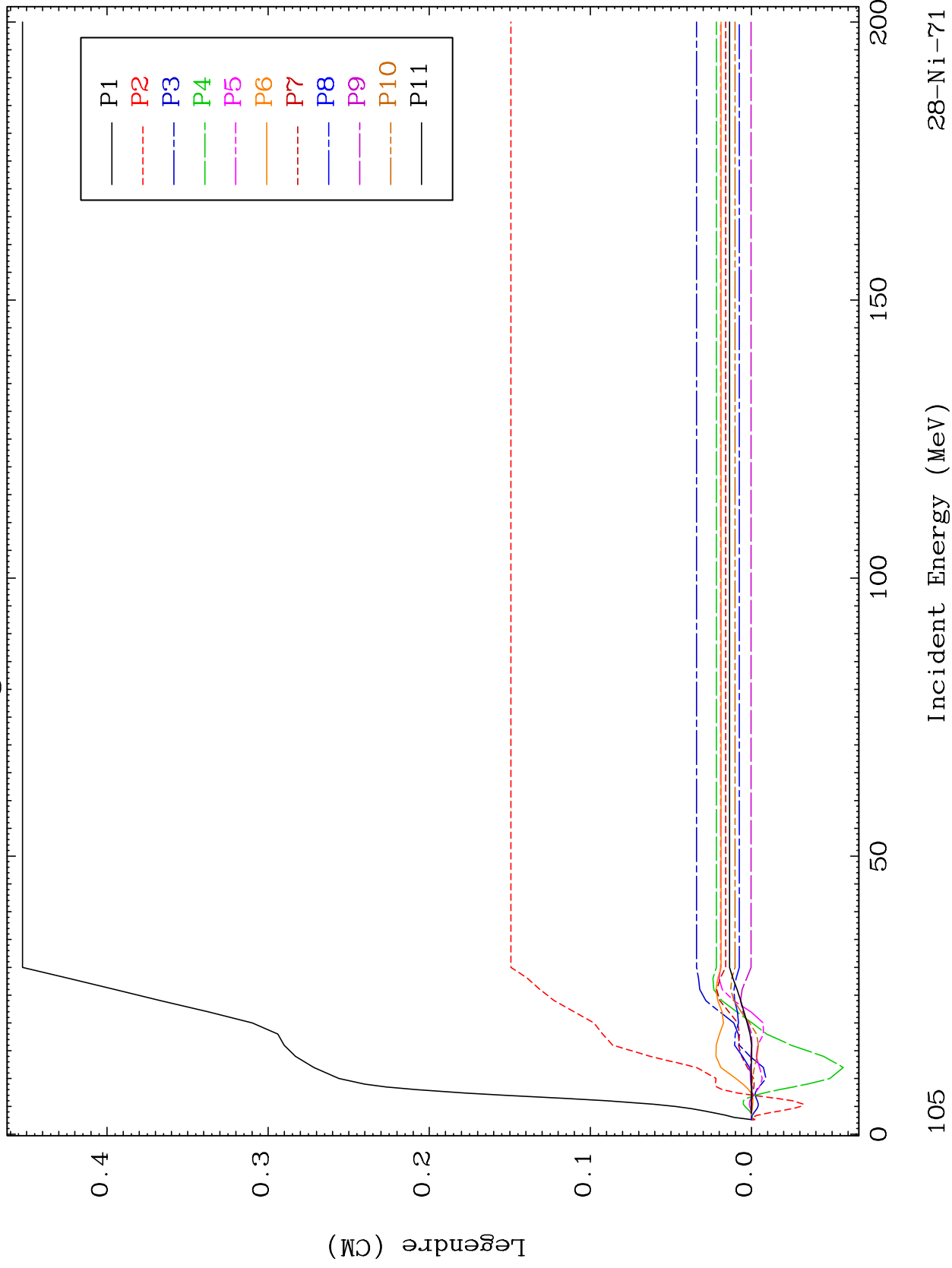




MAT 2864

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

28-Ni-71



28-Ni-71

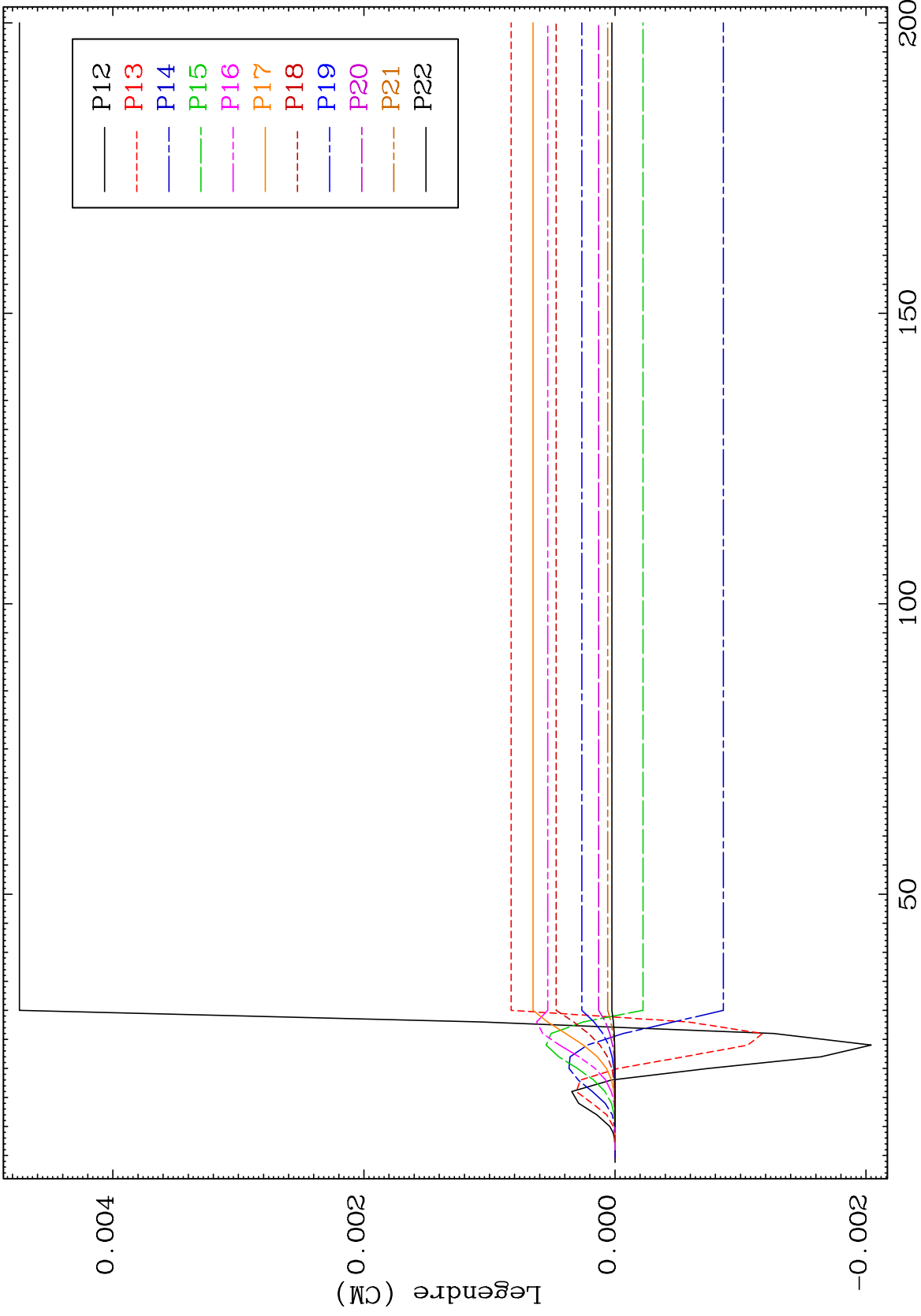
Incident Energy (MeV)

105

MAT 2864

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

28-Ni-71



106

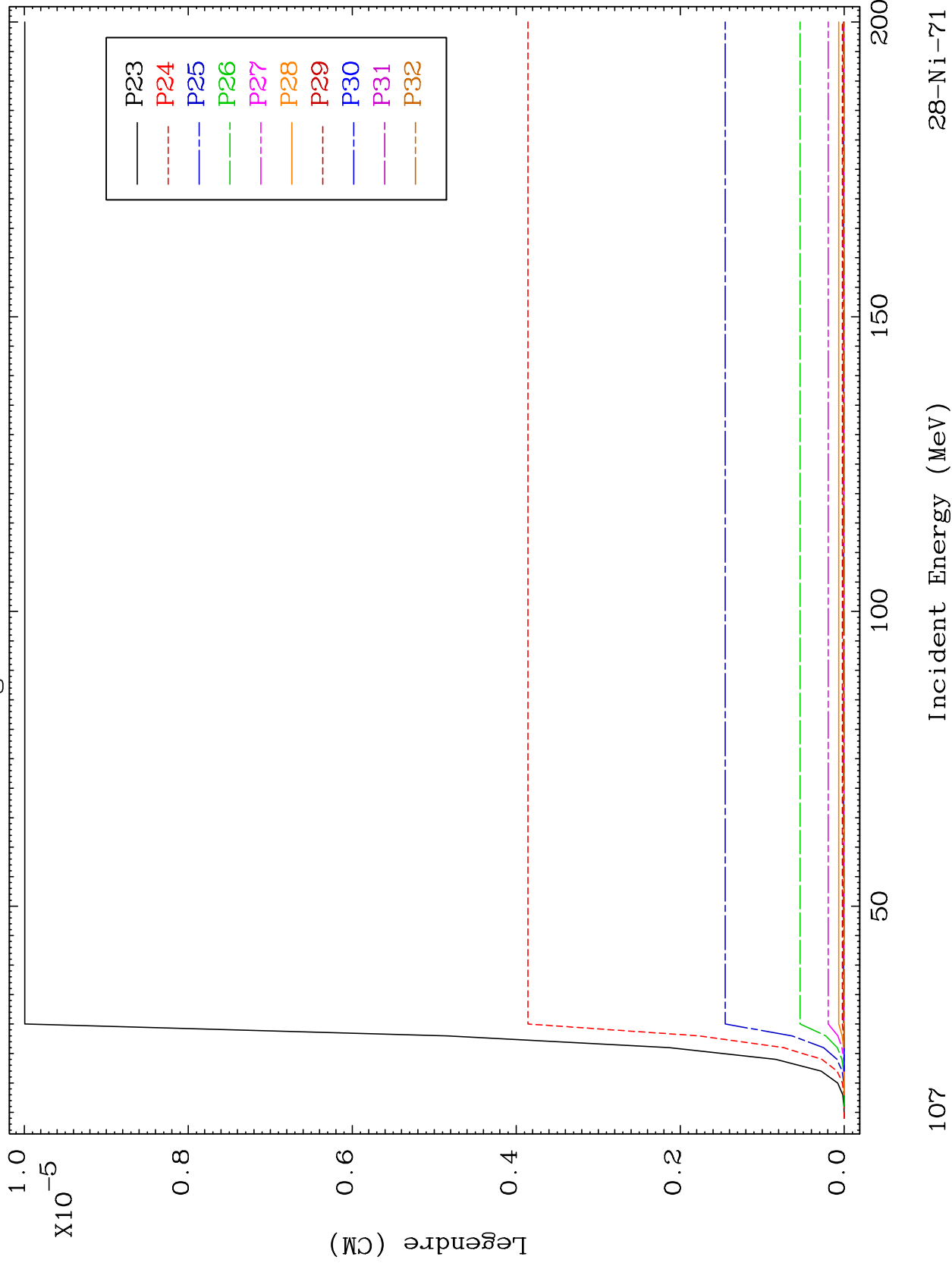
Incident Energy (MeV)

28-Ni-71

MAT 2864

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

28-Ni-71

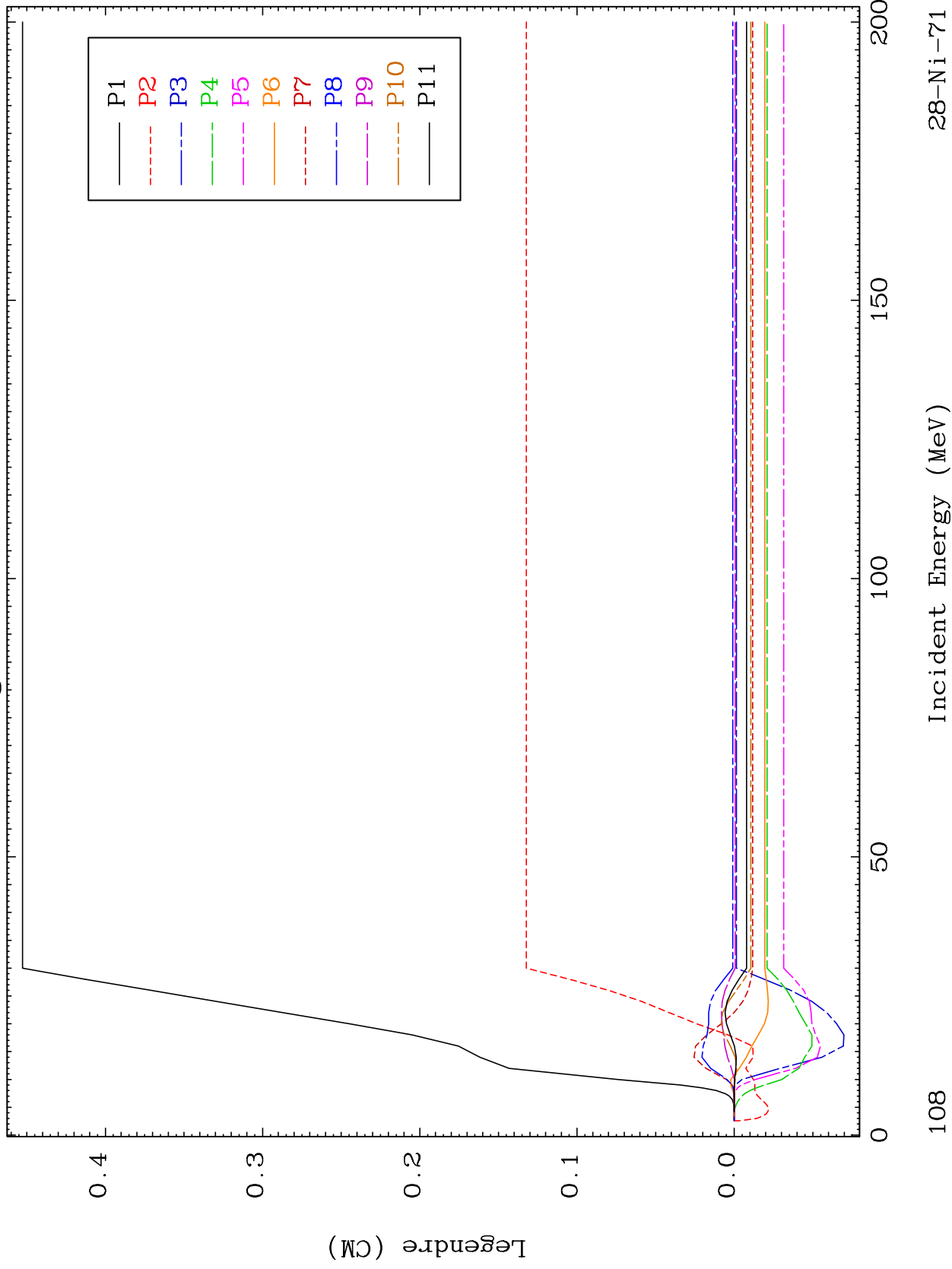


107

MAT 2864

MT= 80 (n,n') Level  
Legendre Coefficients

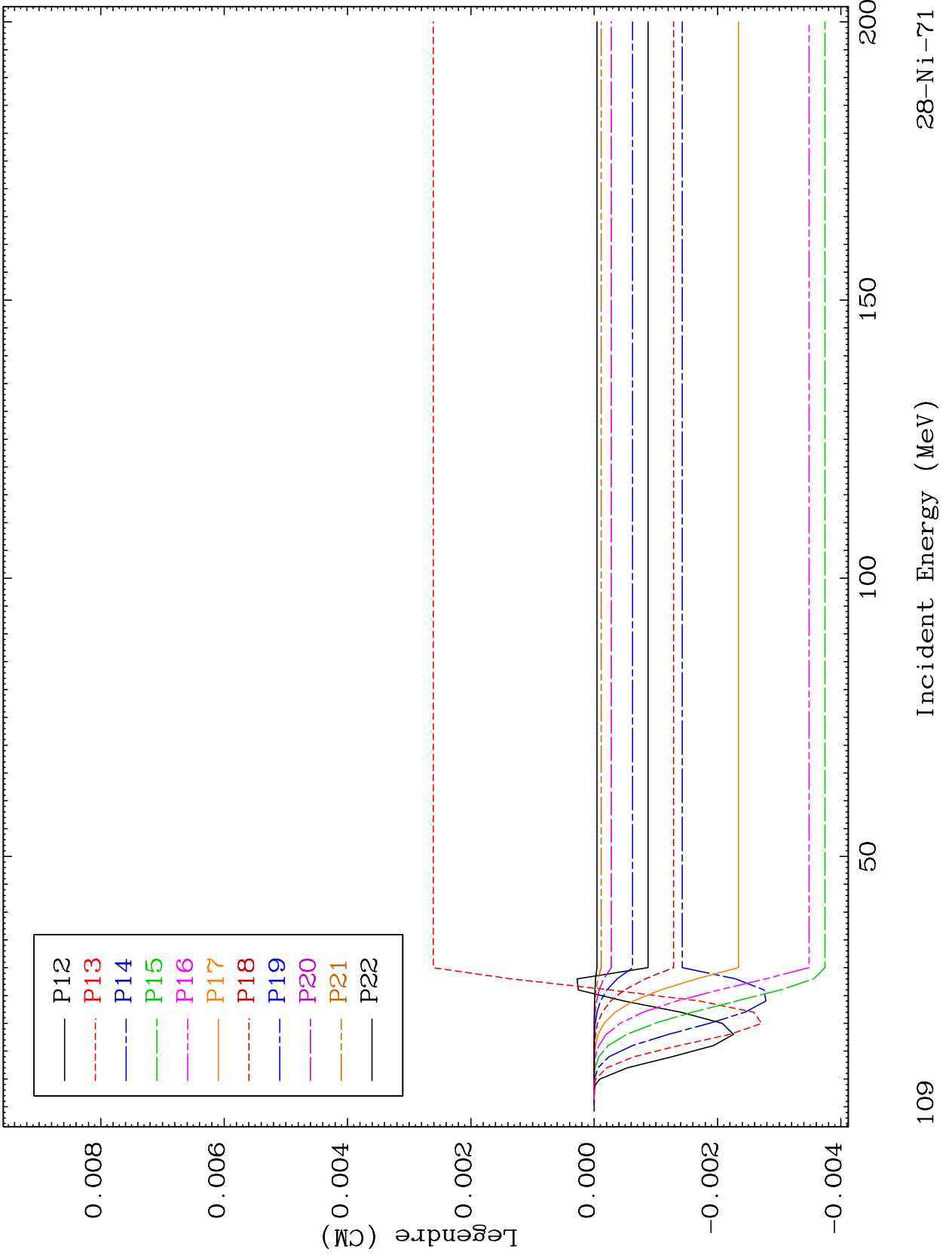
28-Ni-71

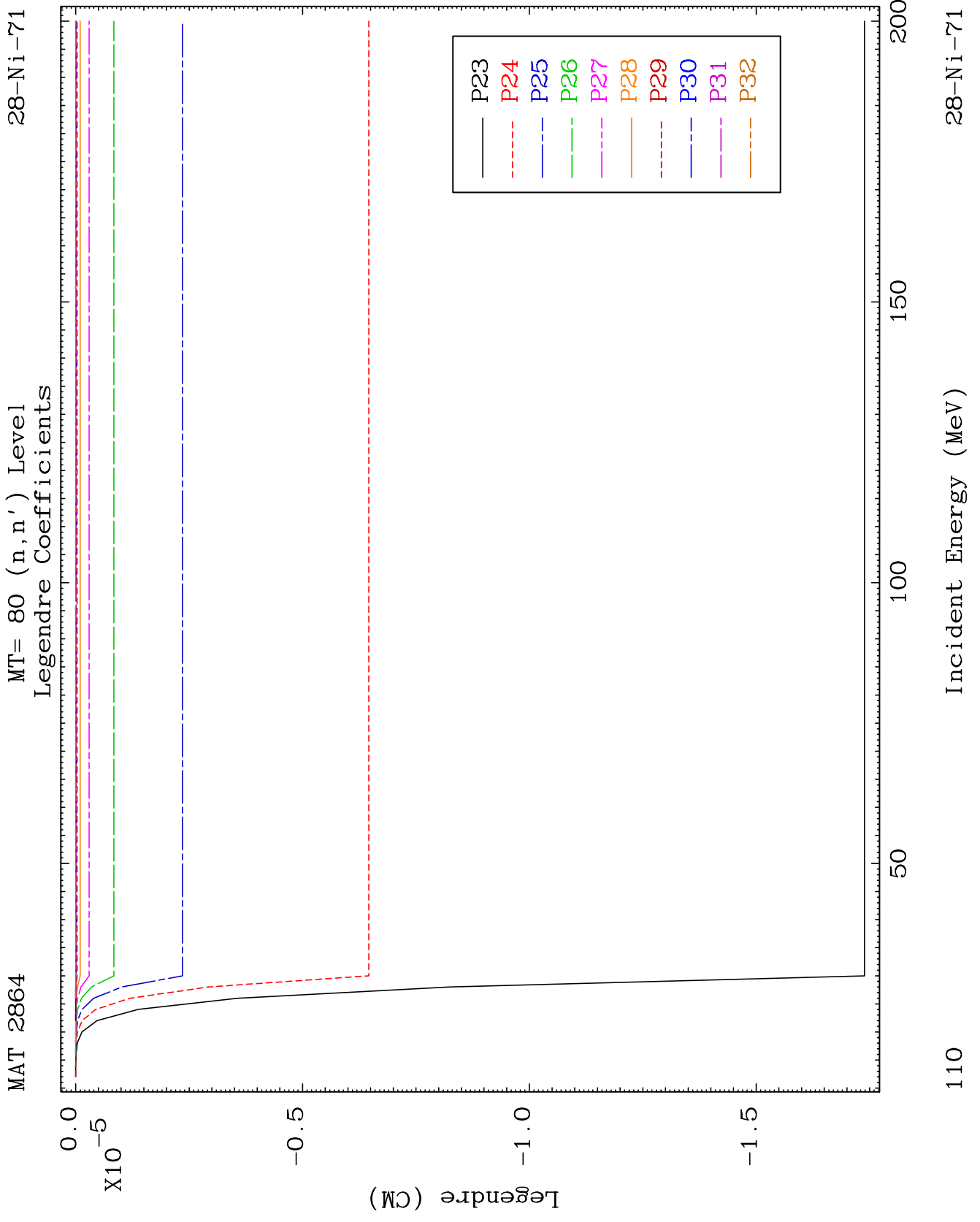


28-Ni-71

Incident Energy (MeV)

108

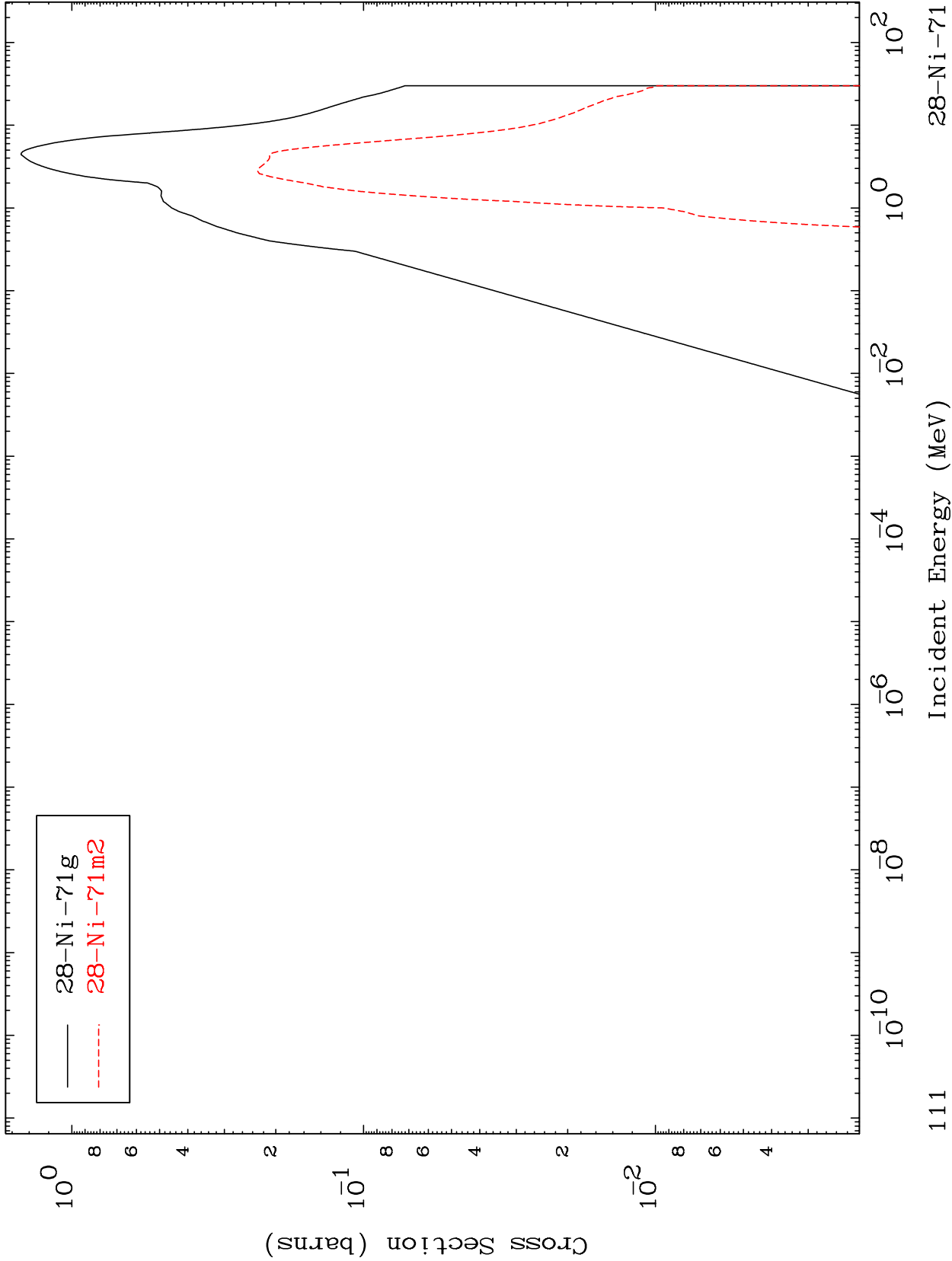




MAT 2864

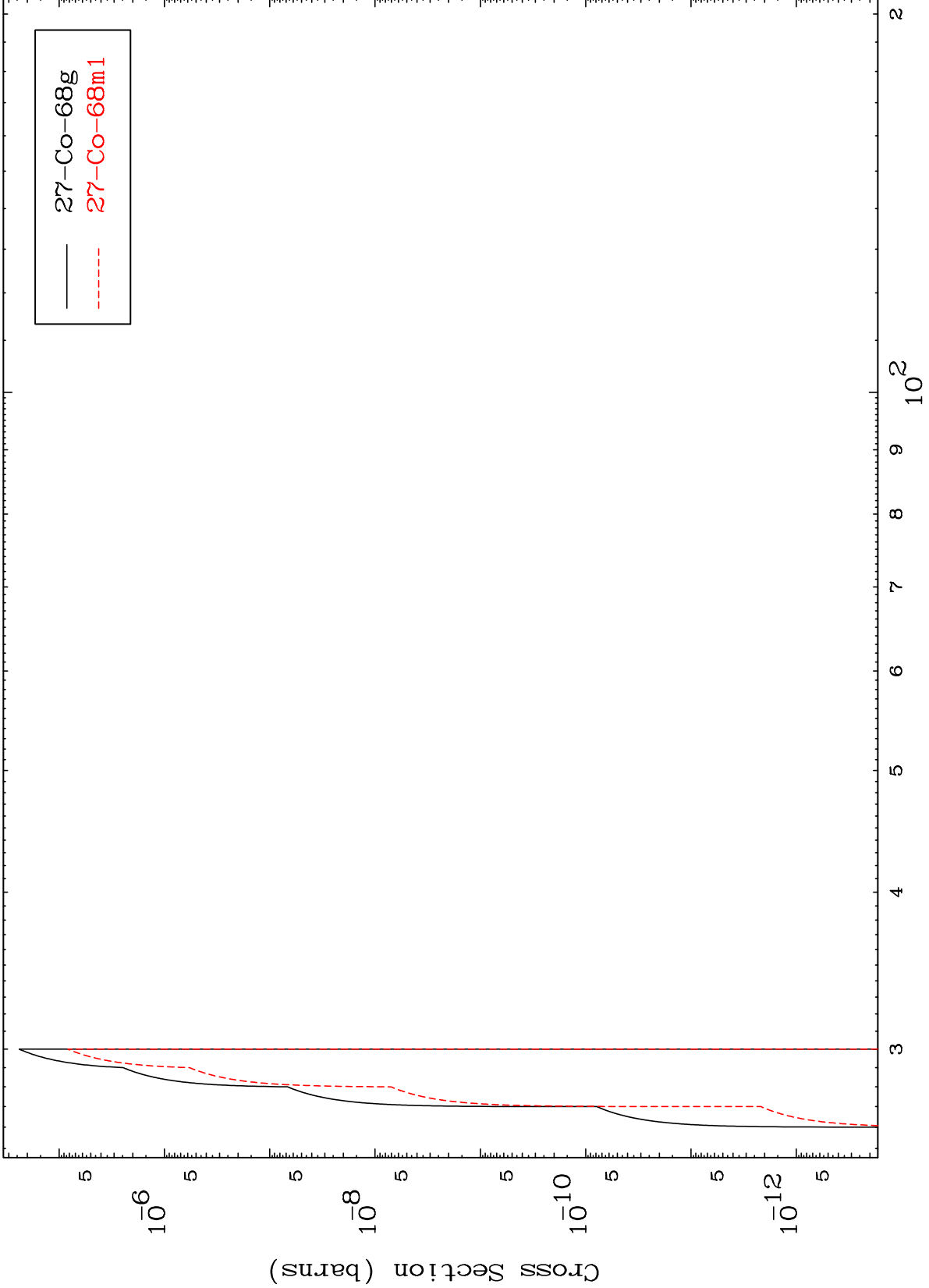
Inelastic  
Radionuclide Production Cross Section

28-Ni-71





Radionuclide Production Cross Section

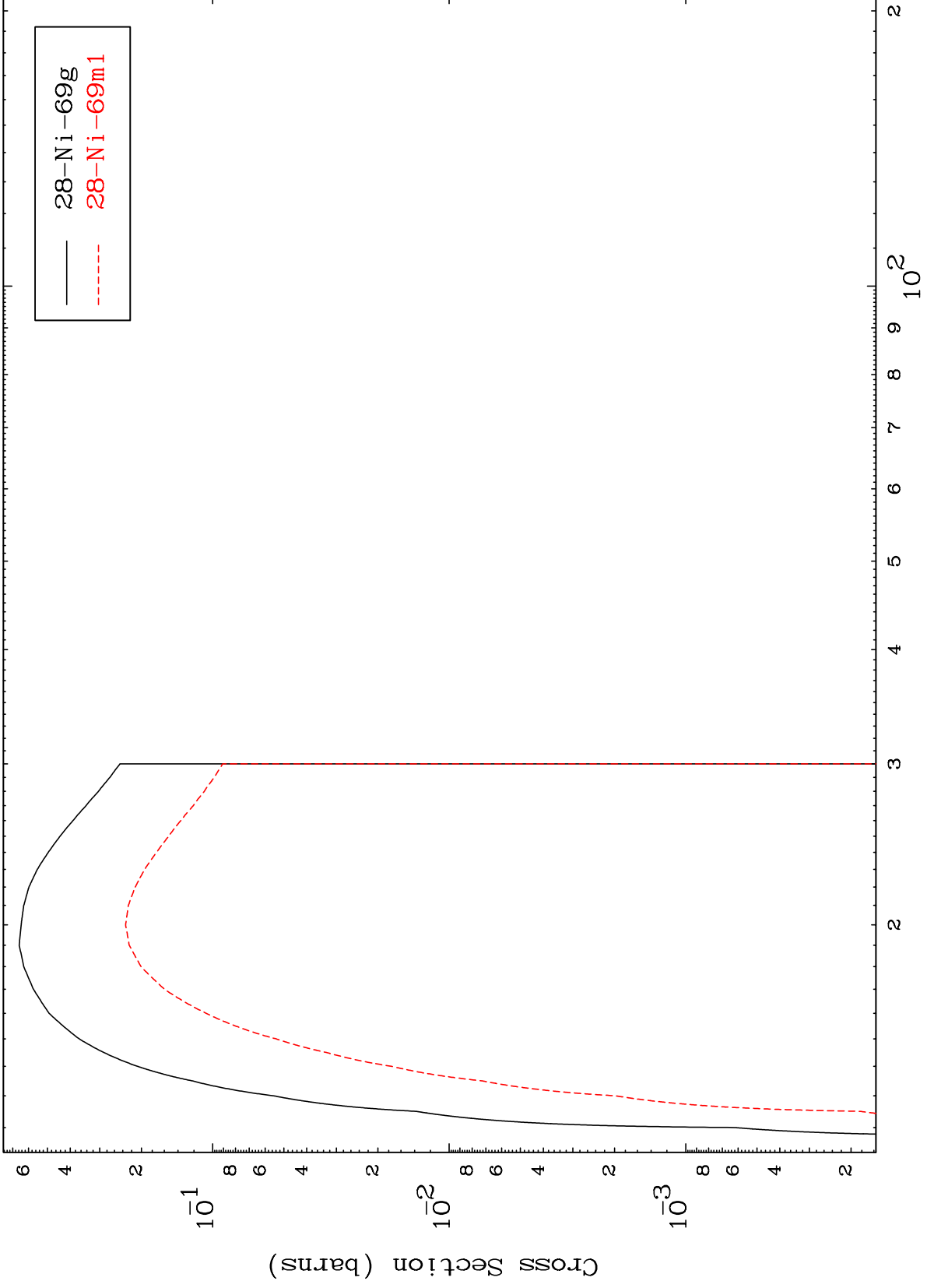


MAT 2864

(n,3n)

28-Ni-71

Radionuclide Production Cross Section



113

Incident Energy (MeV)

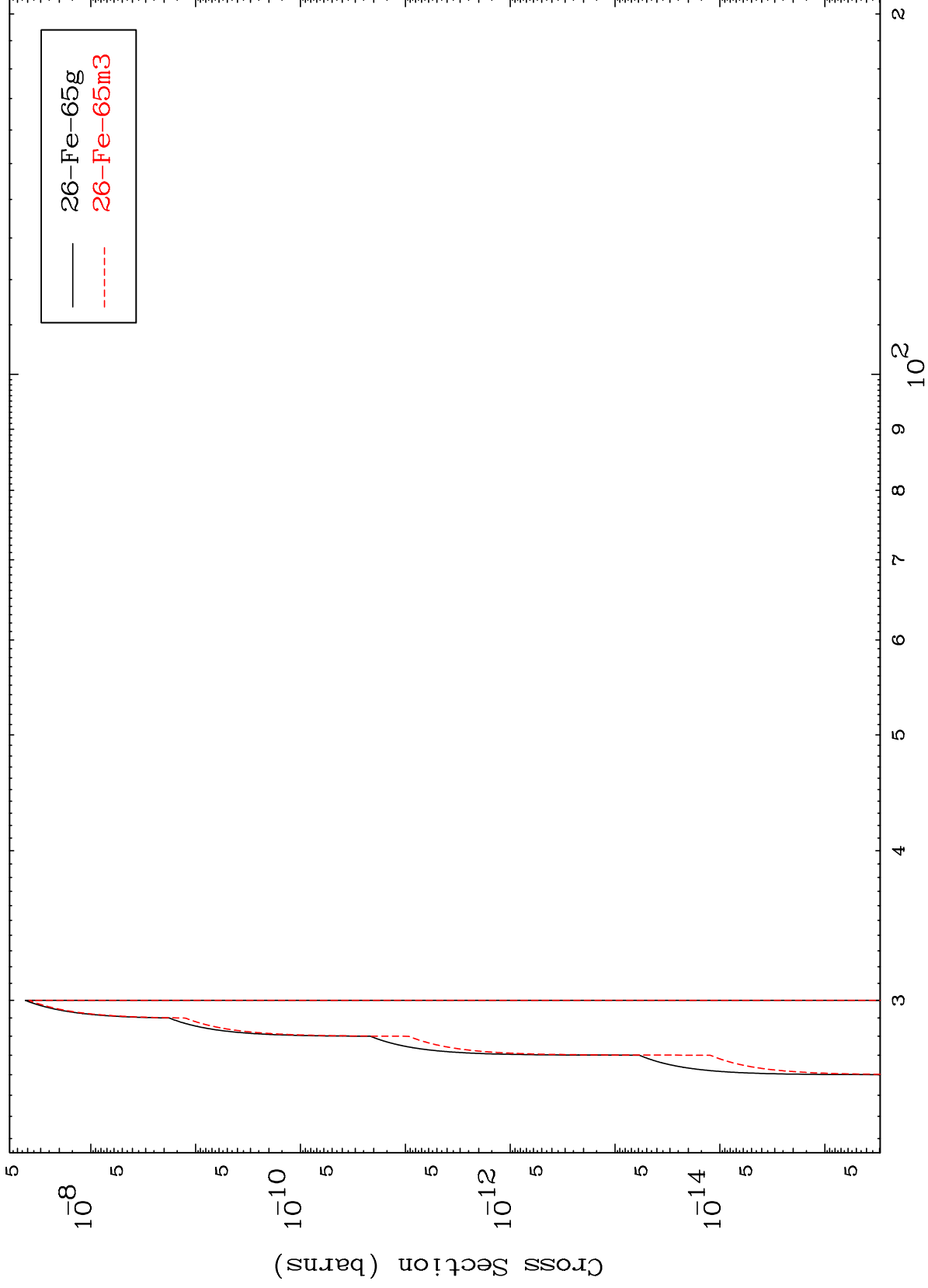
28-Ni-71

MAT 2864

(n,3n)  $\alpha$

28-Ni-71

Radionuclide Production Cross Section



114

Incident Energy (MeV)

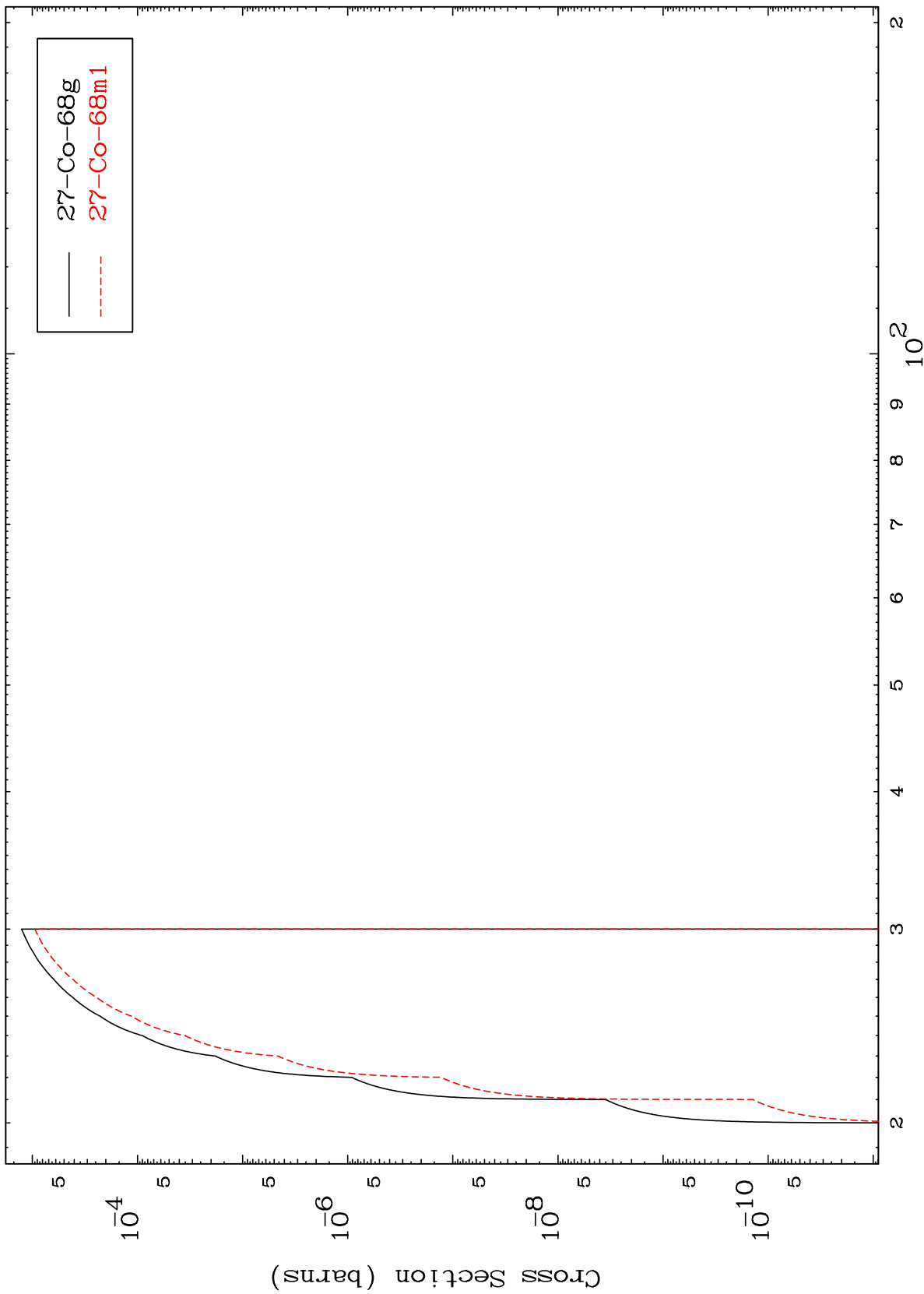
28-Ni-71

MAT 2864

(n,n') t

28-Ni-71

Radionuclide Production Cross Section



115

Incident Energy (MeV)

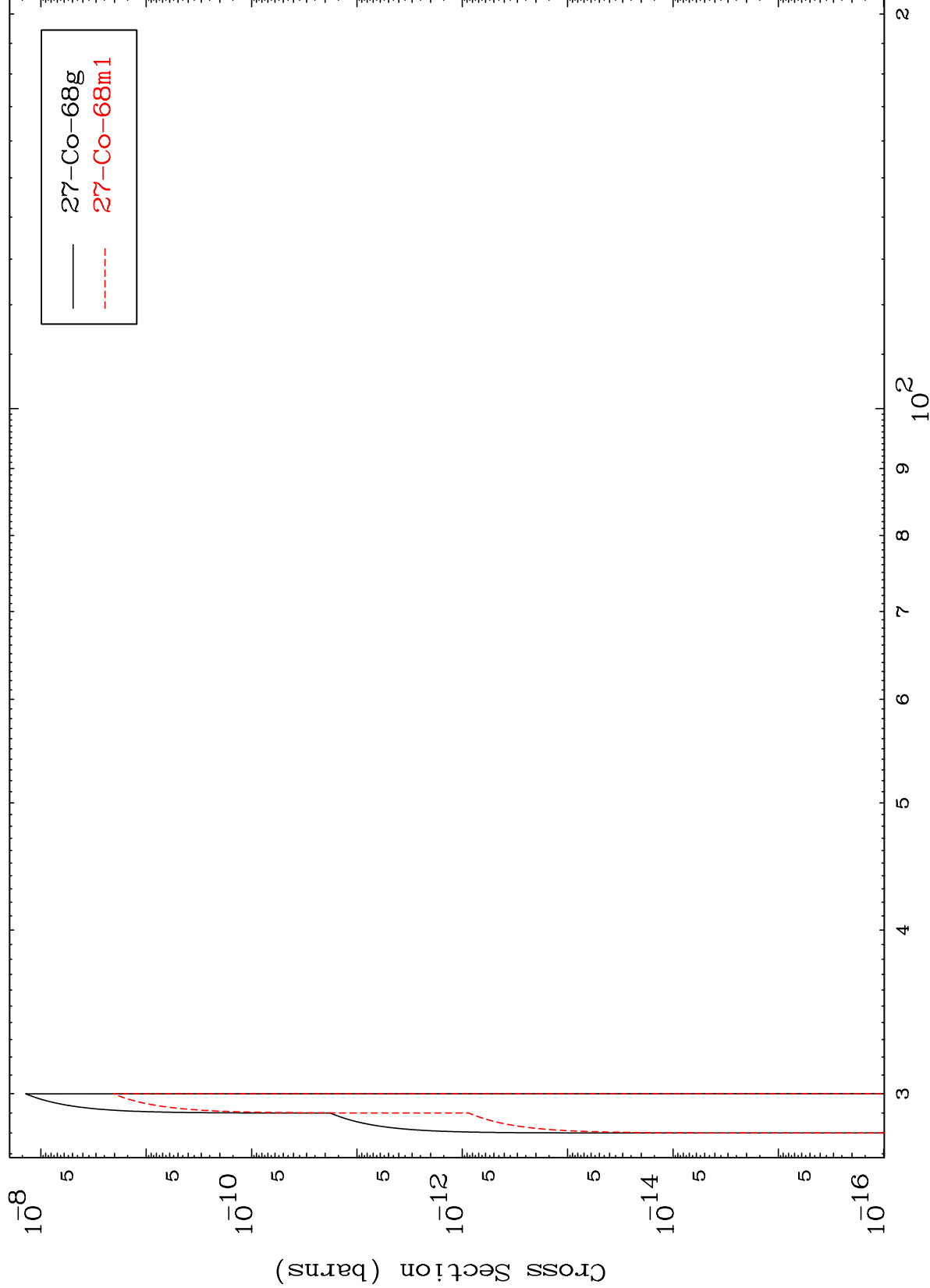
28-Ni-71

MAT 2864

(n,3n) p

28-Ni-71

Radionuclide Production Cross Section



27-Co-68g  
27-Co-68m1

116

Incident Energy (MeV)

28-Ni-71