

Program EVALPLOT
(Version 2021-1)

by

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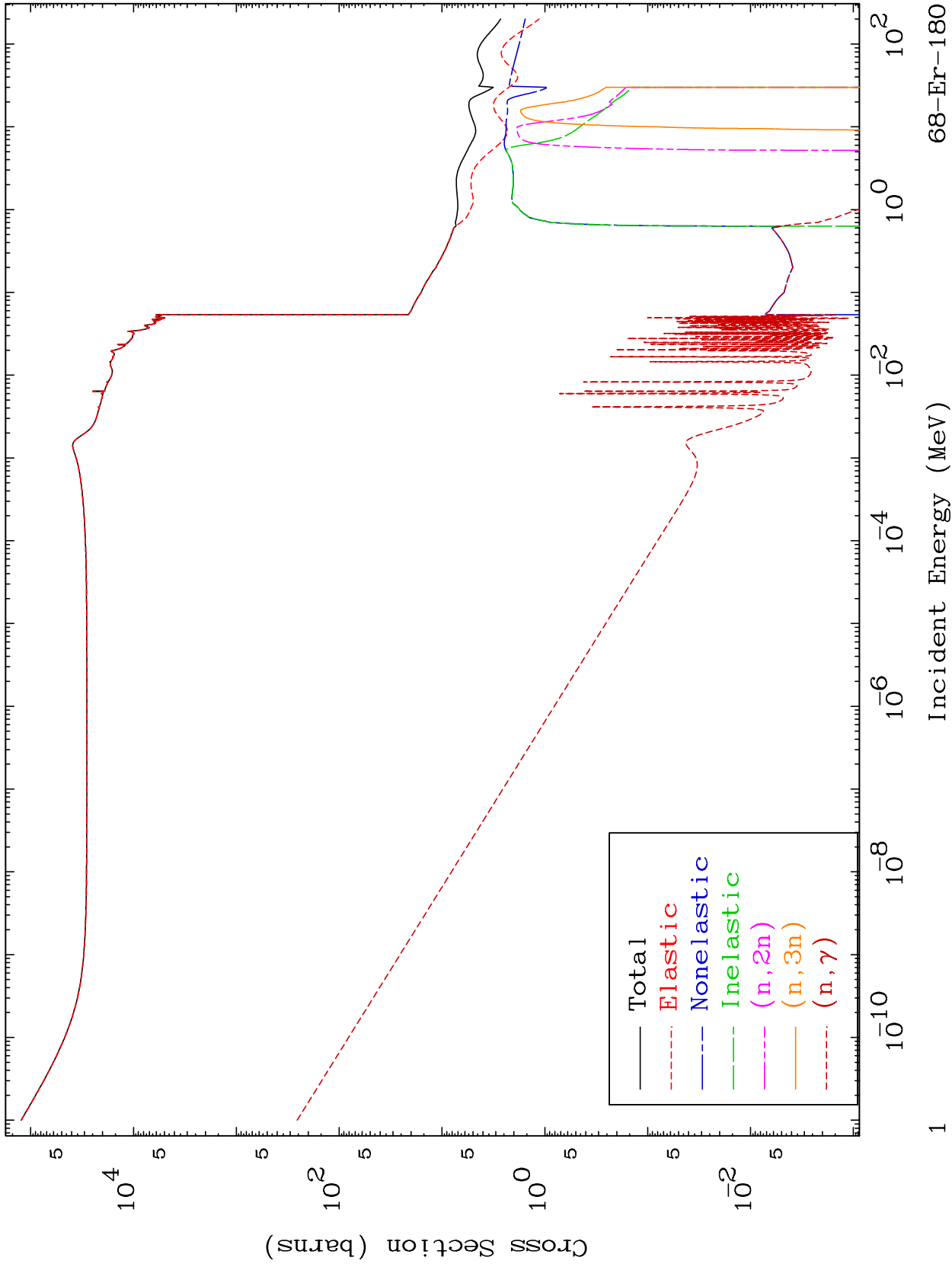
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Press Mouse Button to Start

MAT 6879

Neutron Major
293 Kelvin Cross Sections

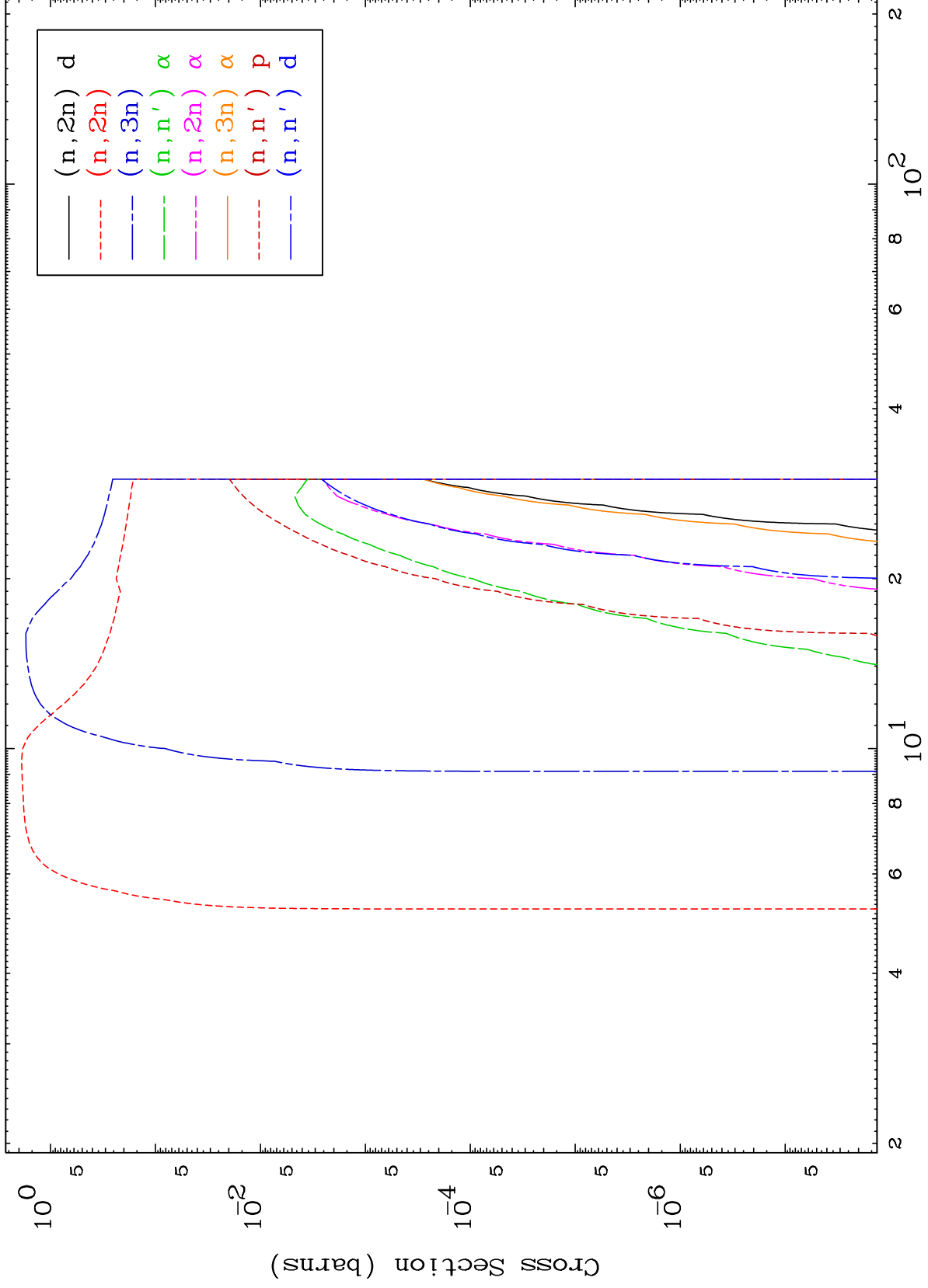
68-Er-180



MAT 6879

Neutron Absorption
293 Kelvin Cross Sections

68-Er-180



2

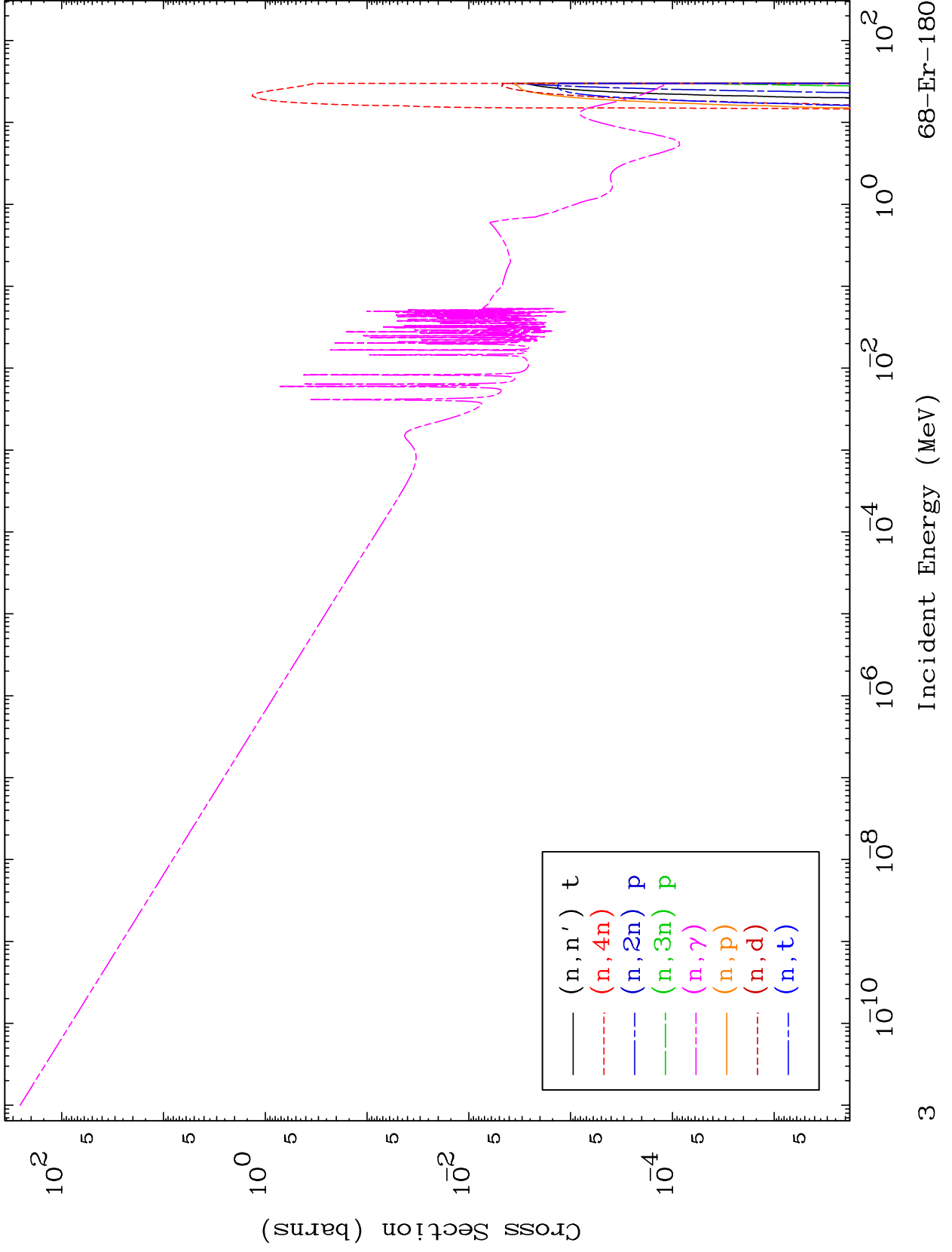
Incident Energy (MeV)

68-Er-180

MAT 6879

Neutron Absorption
293 Kelvin Cross Sections

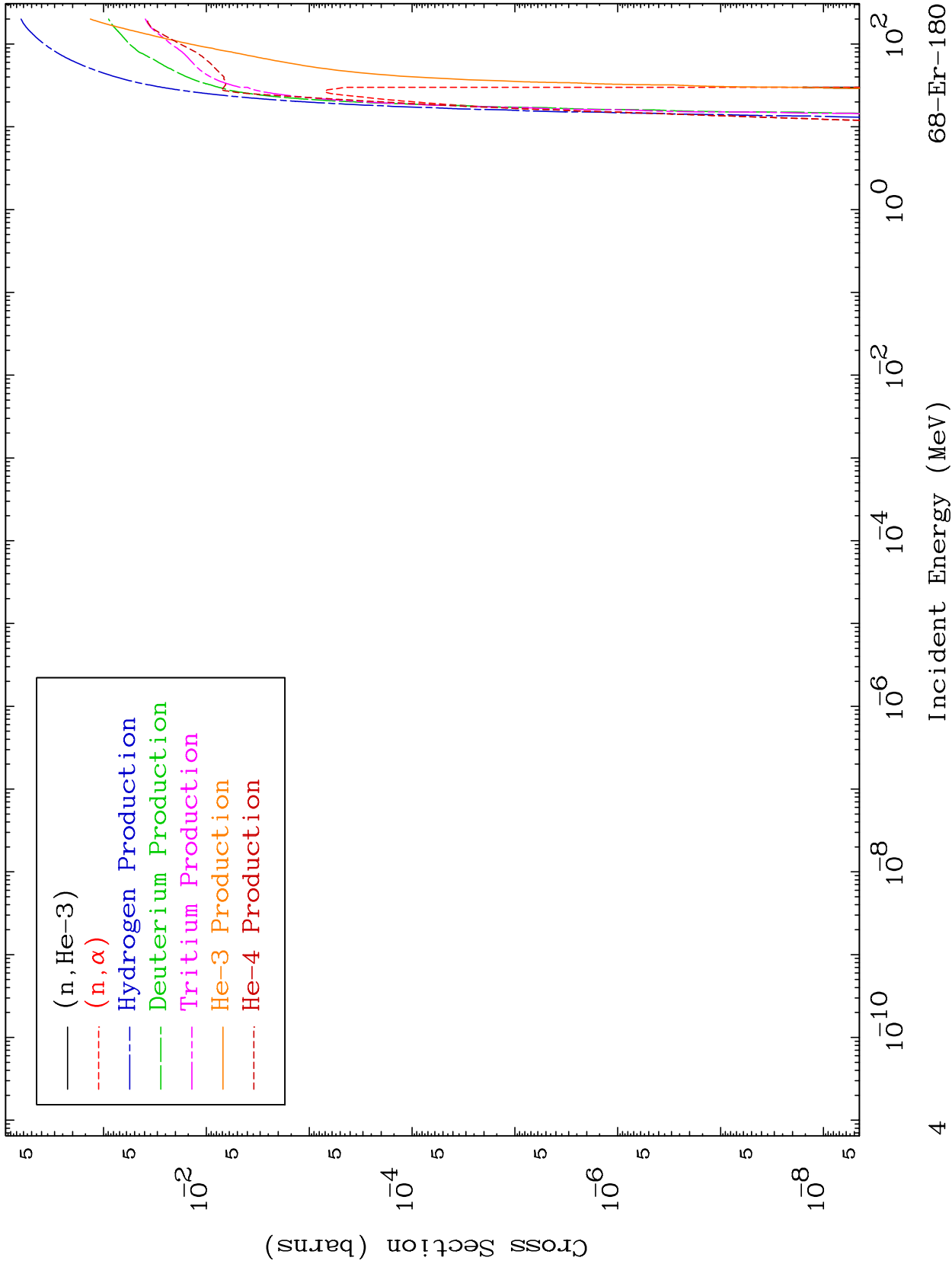
68-Er-180

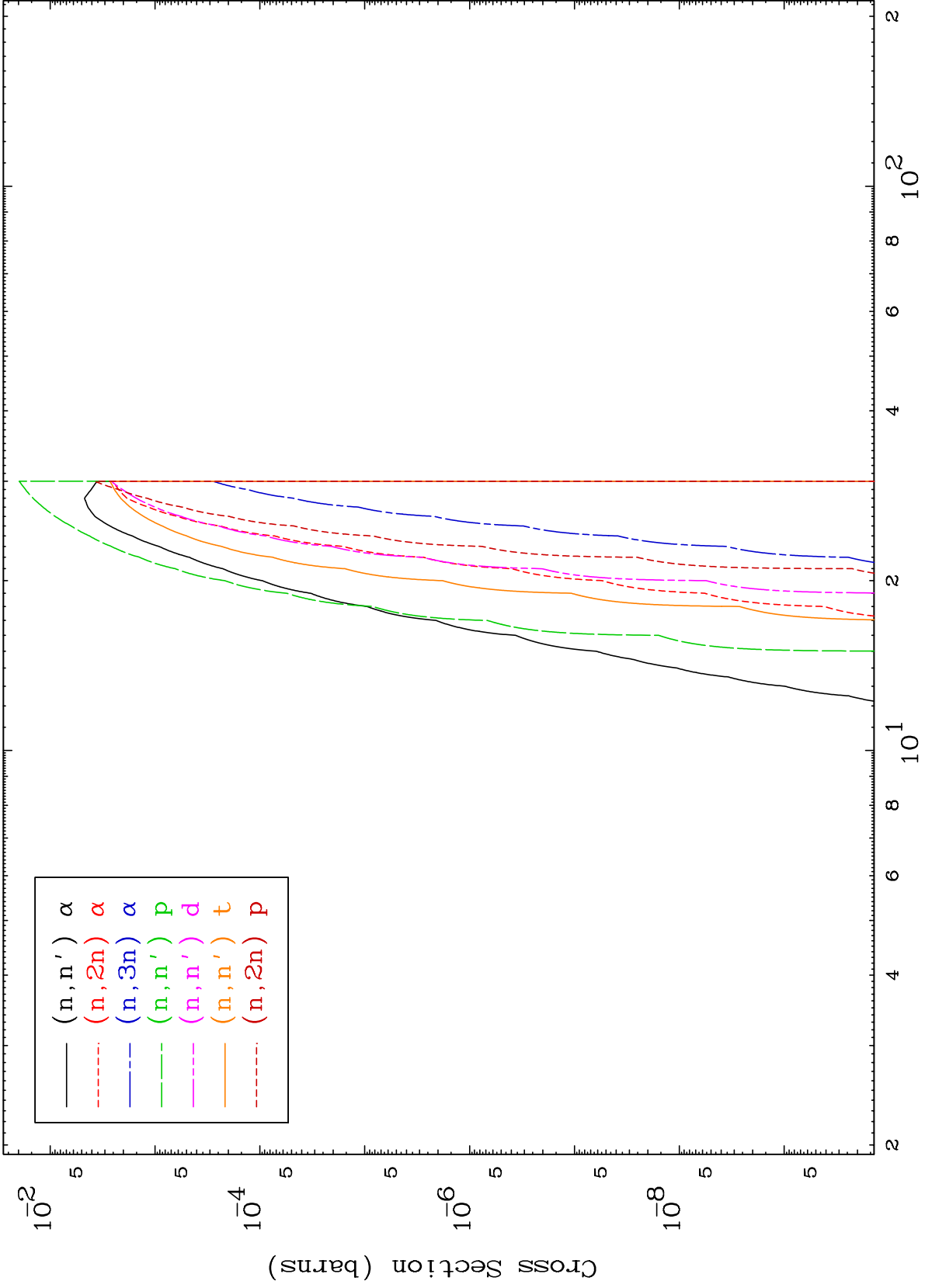


MAT 6879

Neutron Absorption
293 Kelvin Cross Sections

68-Er-180

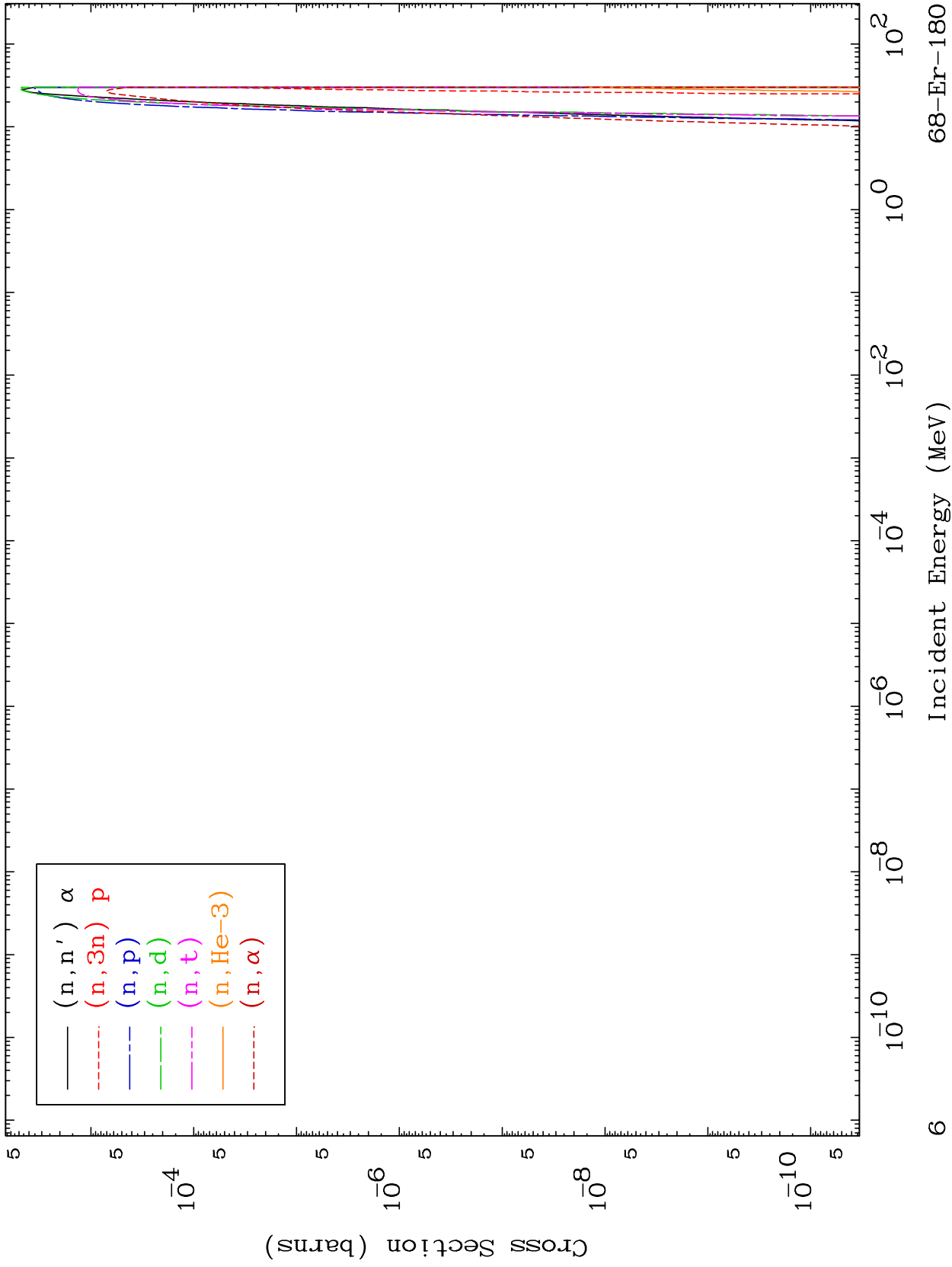


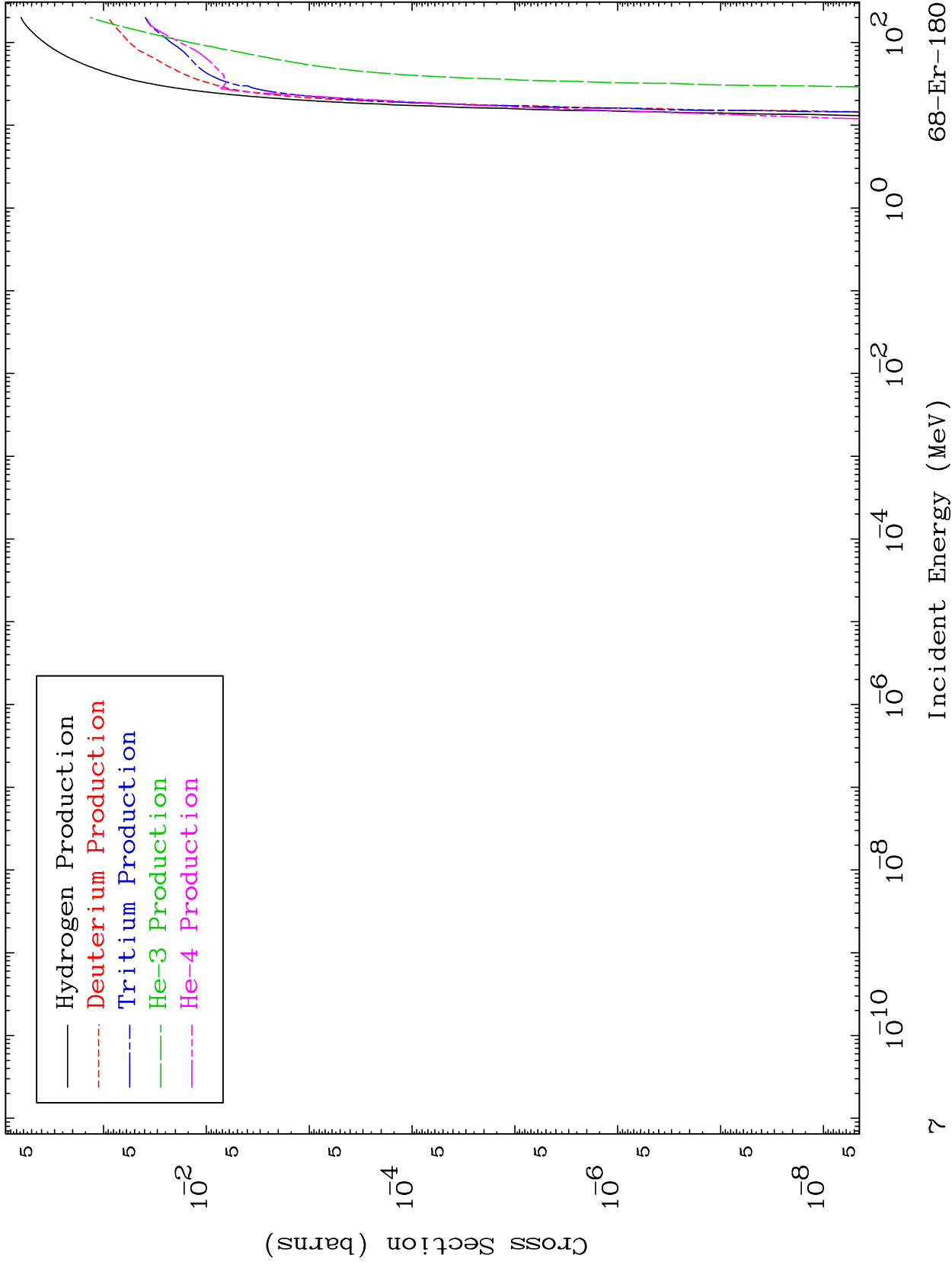


MAT 6879

Charged Particle
293 Kelvin Cross Sections

68-Er-180



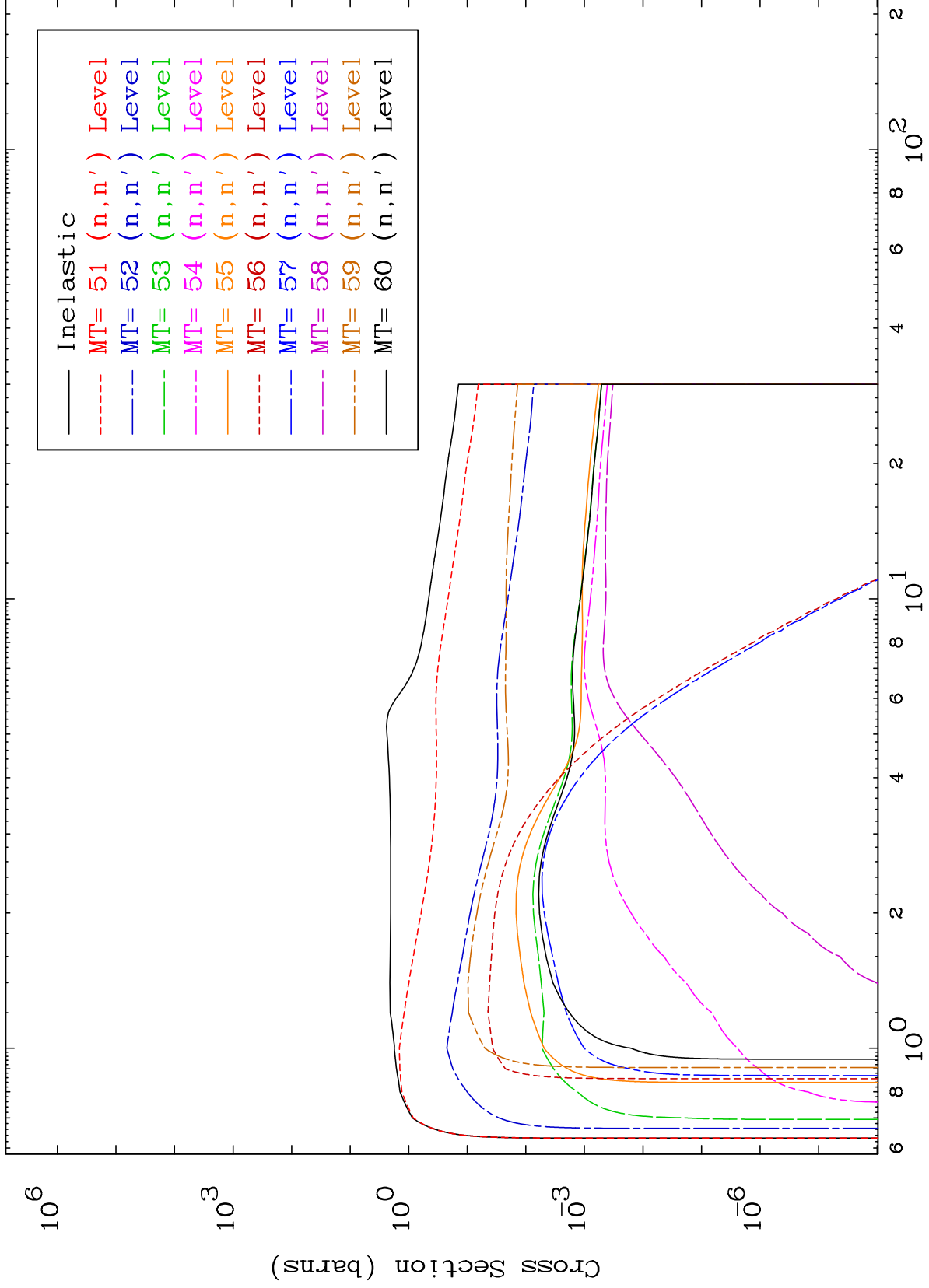


MAT 6879

(n,n') Levels

68-Er-180

293 Kelvin Cross Sections

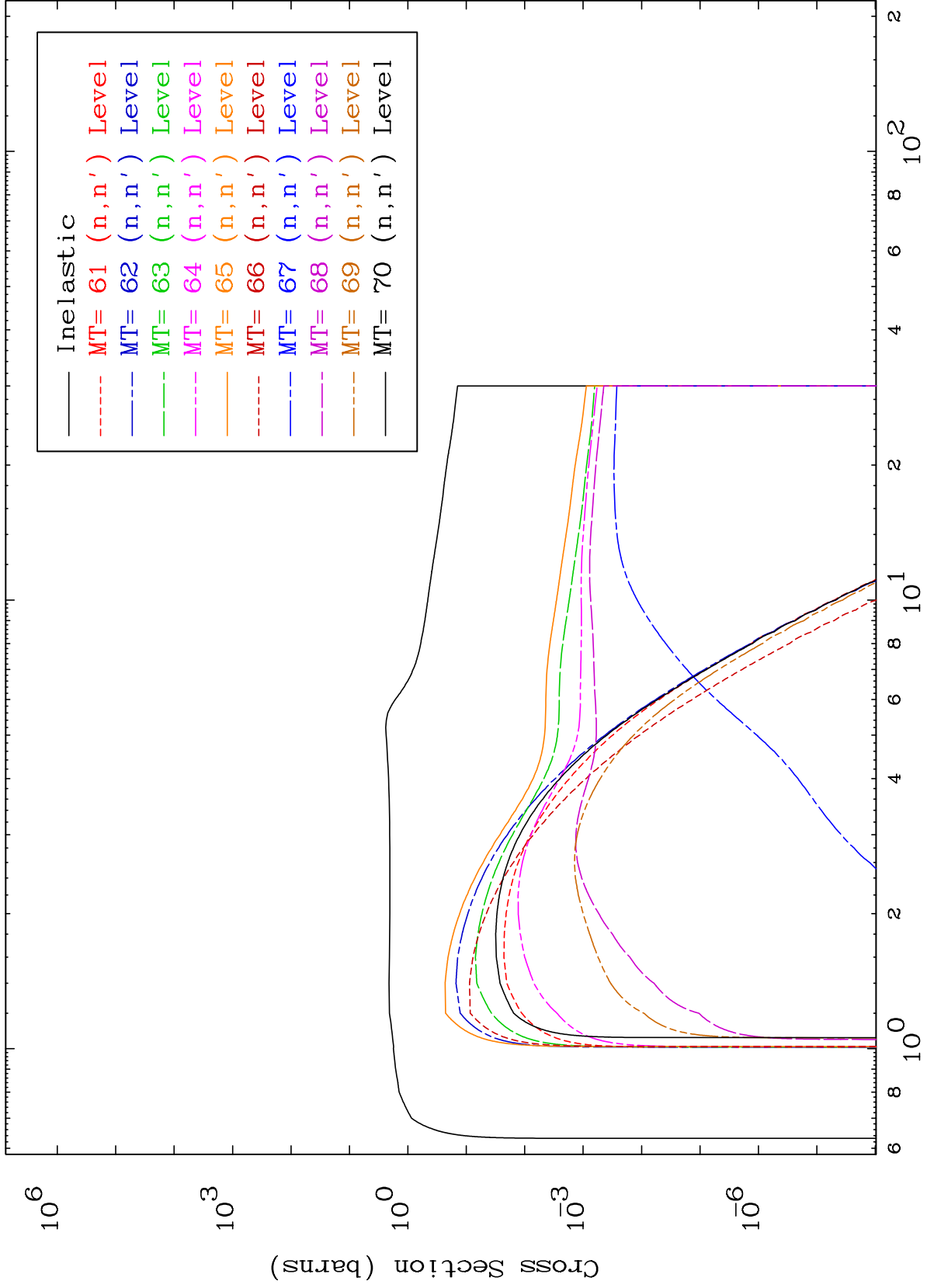


Incident Energy (MeV)

8

68-Er-180

293 Kelvin Cross Sections

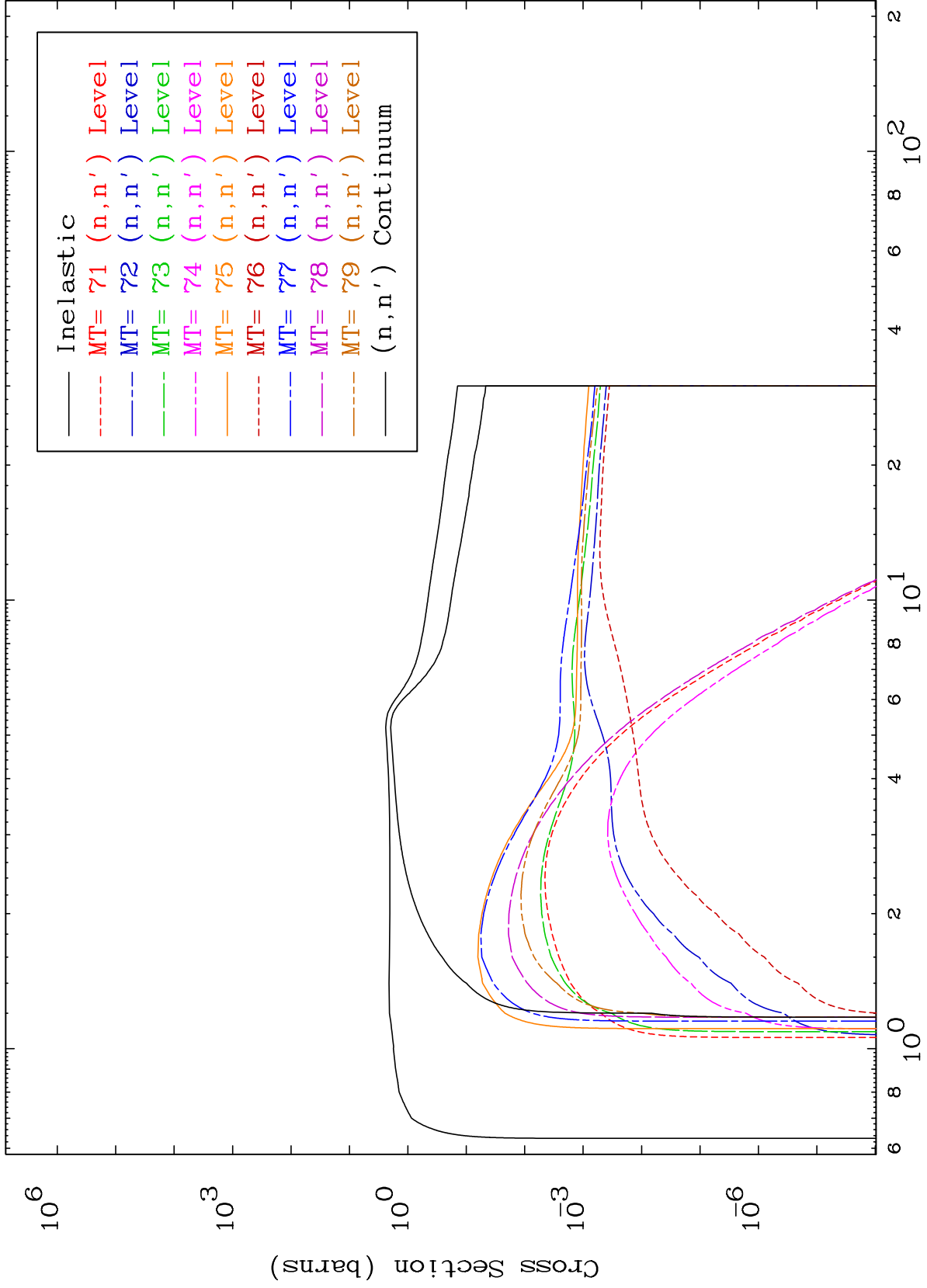


MAT 6879

(n,n') Levels

68-Er-180

293 Kelvin Cross Sections



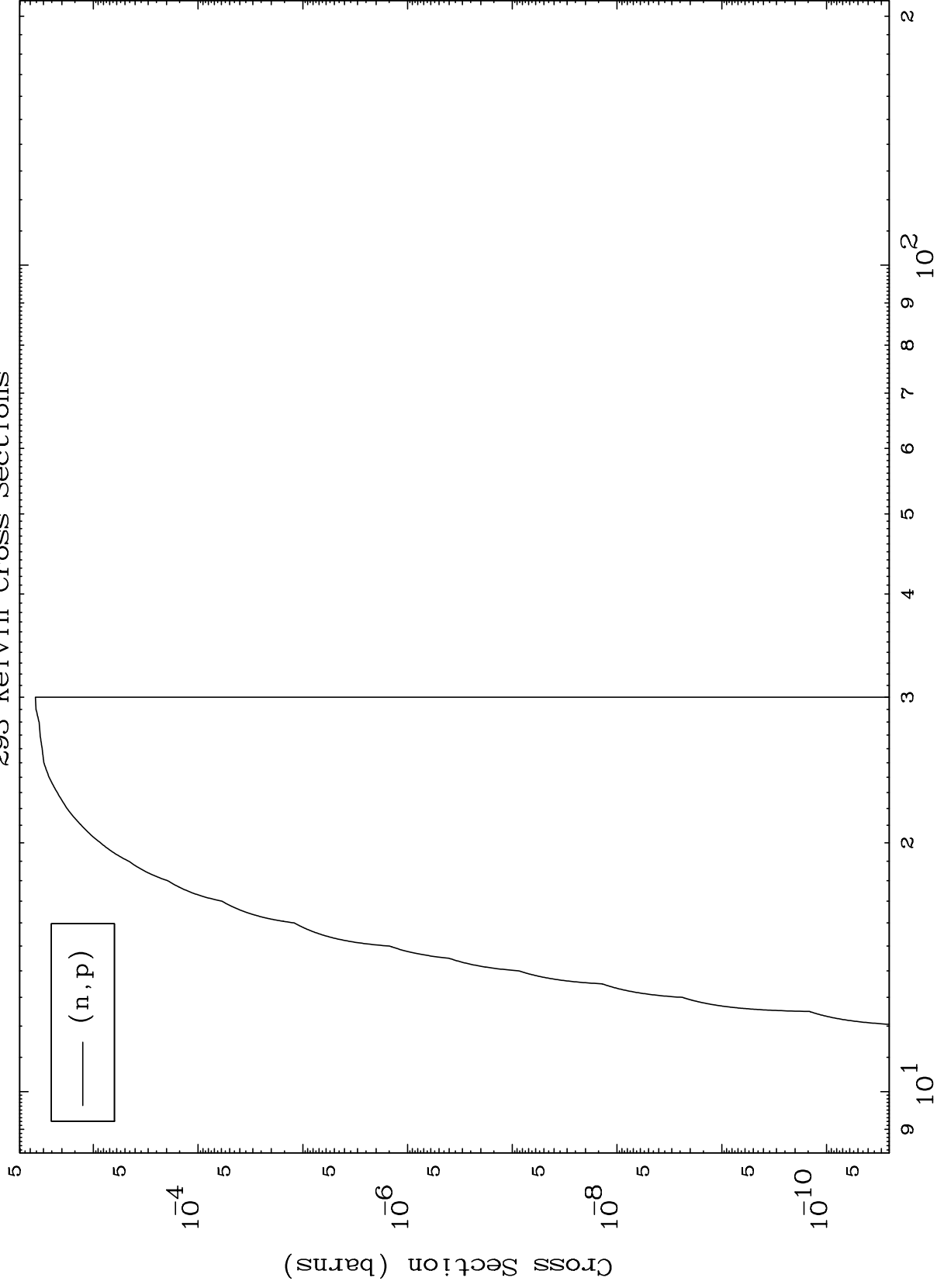
Incident Energy (MeV)

68-Er-180

MAT 6879

(n,p) Levels
293 Kelvin Cross Sections

68-Er-180



11

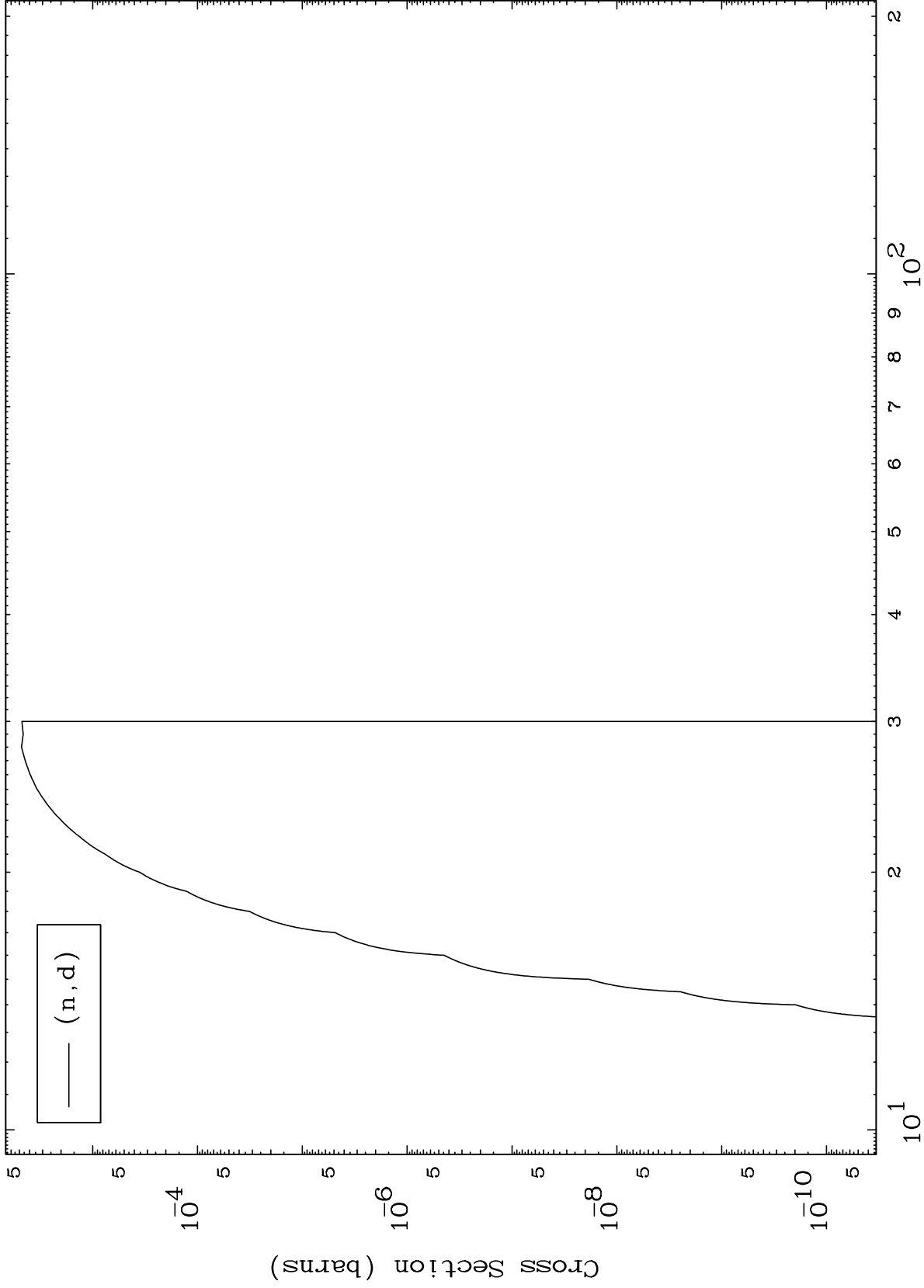
Incident Energy (MeV)

68-Er-180

MAT 6879

(n,d) Levels
293 Kelvin Cross Sections

68-Er-180



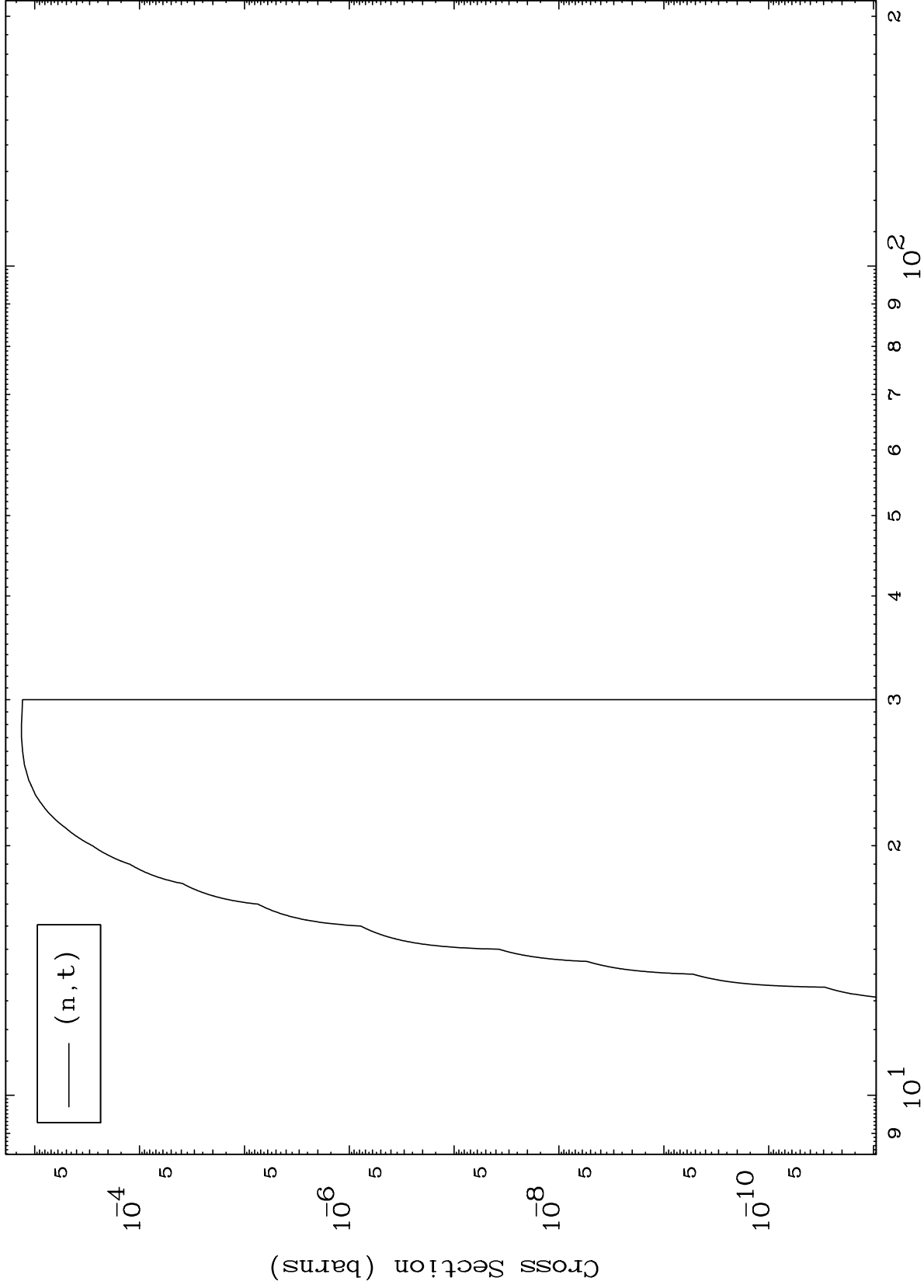
Incident Energy (MeV)

68-Er-180

MAT 6879

(n,t) Levels
293 Kelvin Cross Sections

68-Er-180



13

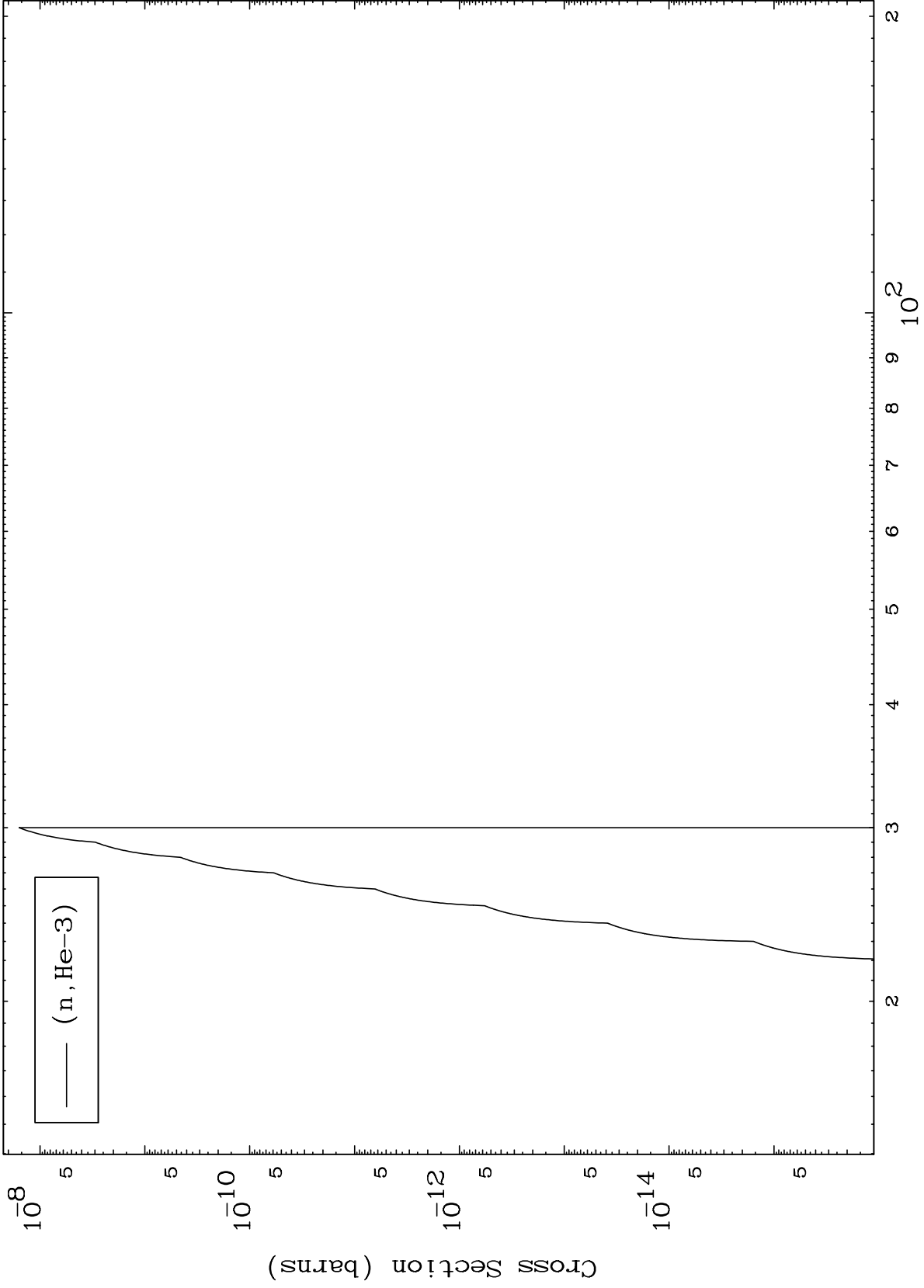
Incident Energy (MeV)

68-Er-180

MAT 6879

(n,He3) Levels
293 Kelvin Cross Sections

68-Er-180



14

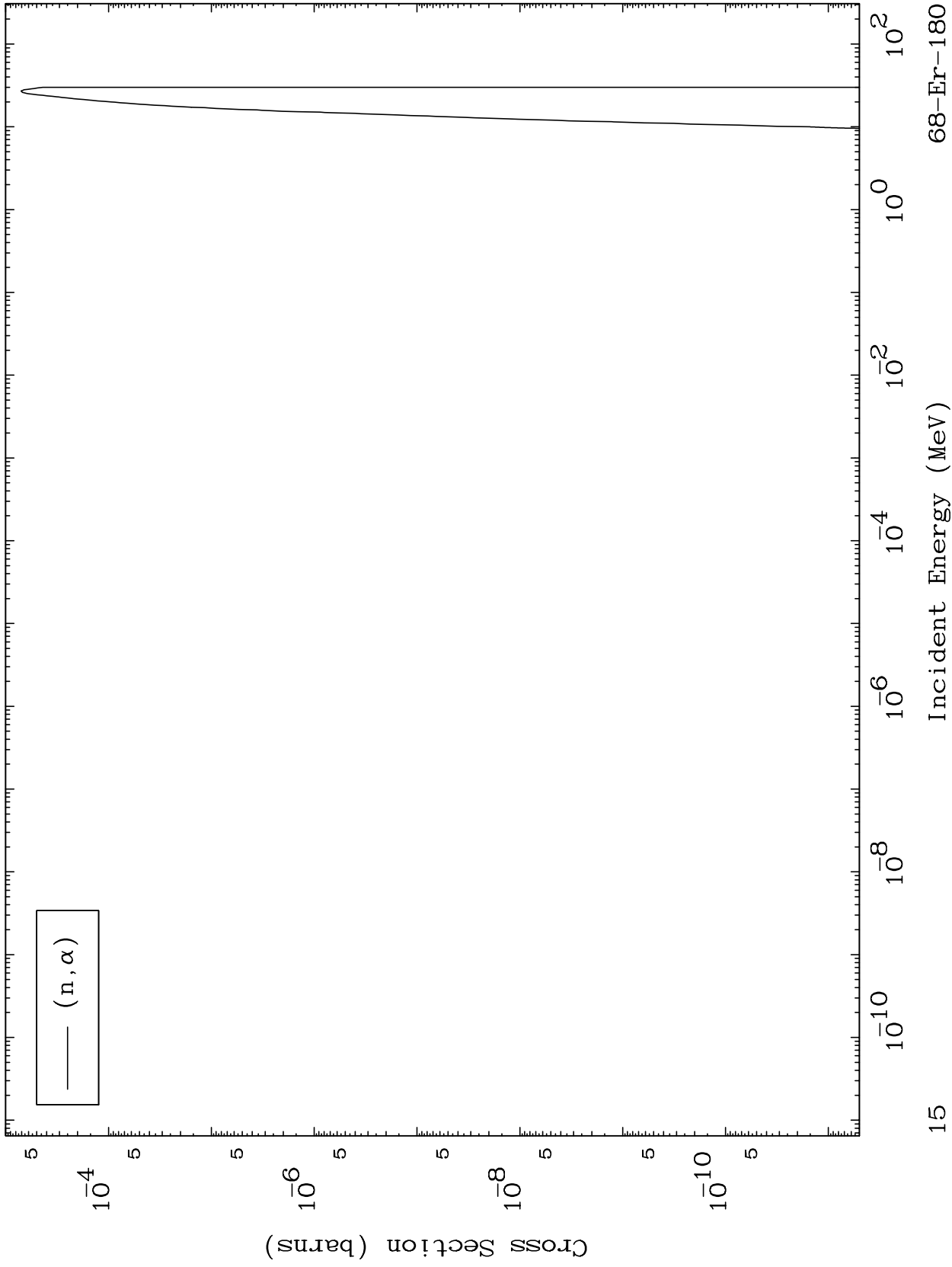
Incident Energy (MeV)

68-Er-180

MAT 6879

(n, α) Levels
293 Kelvin Cross Sections

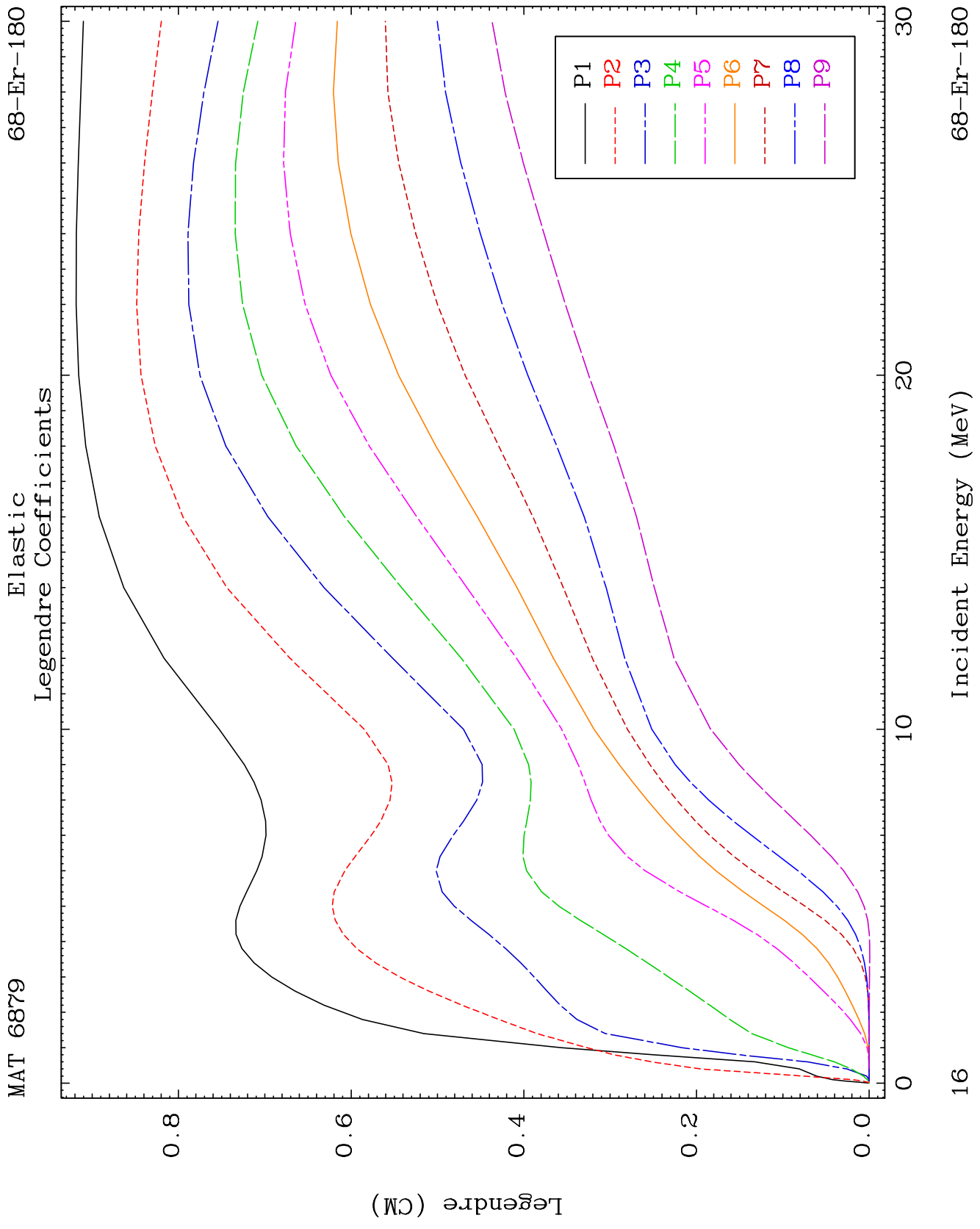
68-Er-180



15

Incident Energy (MeV)

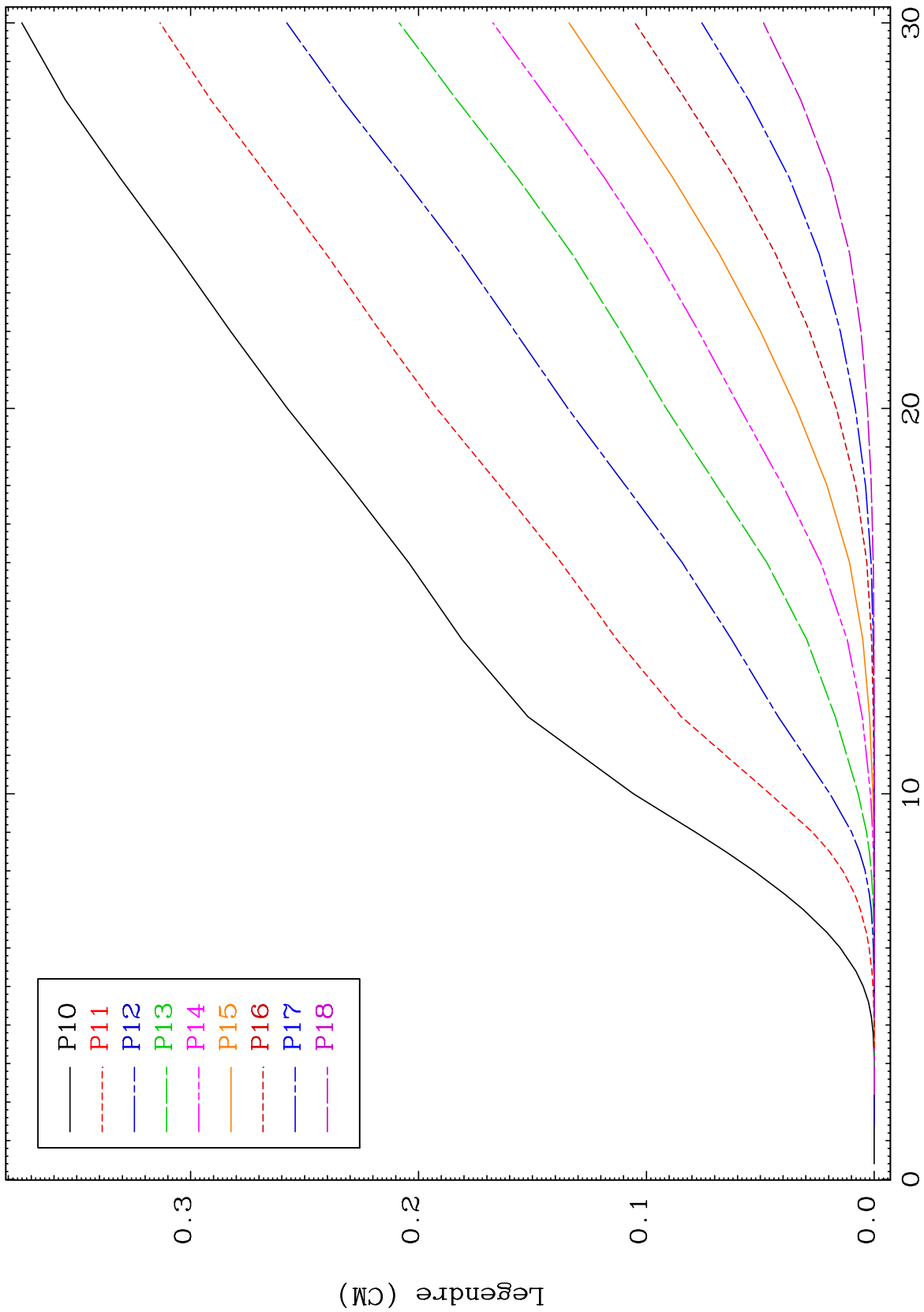
68-Er-180



MAT 6879

Elastic Legendre Coefficients

68-Er-180



17

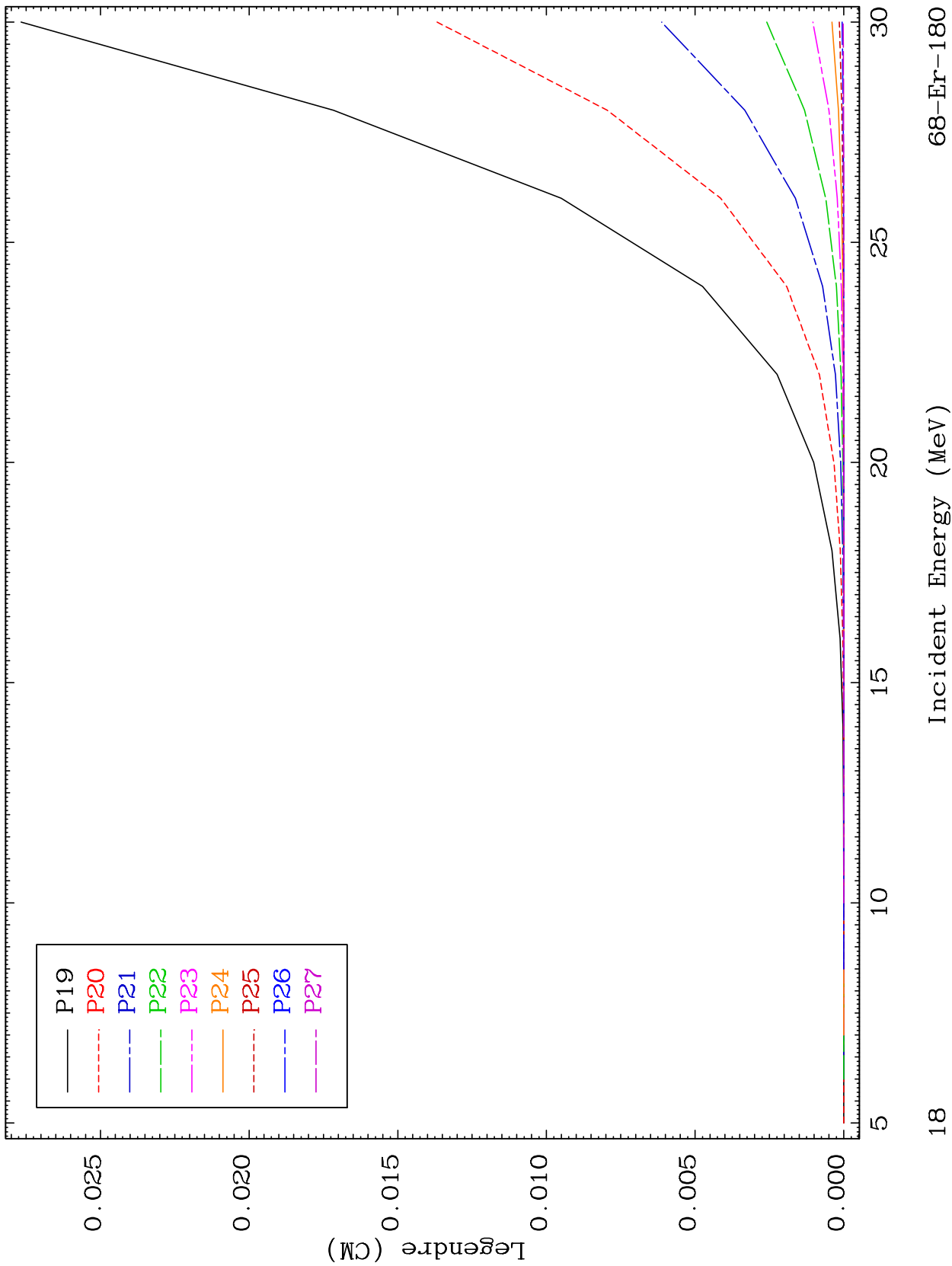
Incident Energy (MeV)

68-Er-180

MAT 6879

Elastic Legendre Coefficients

68-Er-180



18

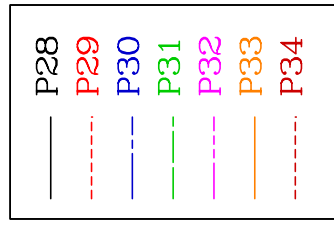
Incident Energy (MeV)

68-Er-180

MAT 6879

Elastic Legendre Coefficients

68-Er-180



$\times 10^{-6}$

Legendre (CM)

4

2

0

15

20

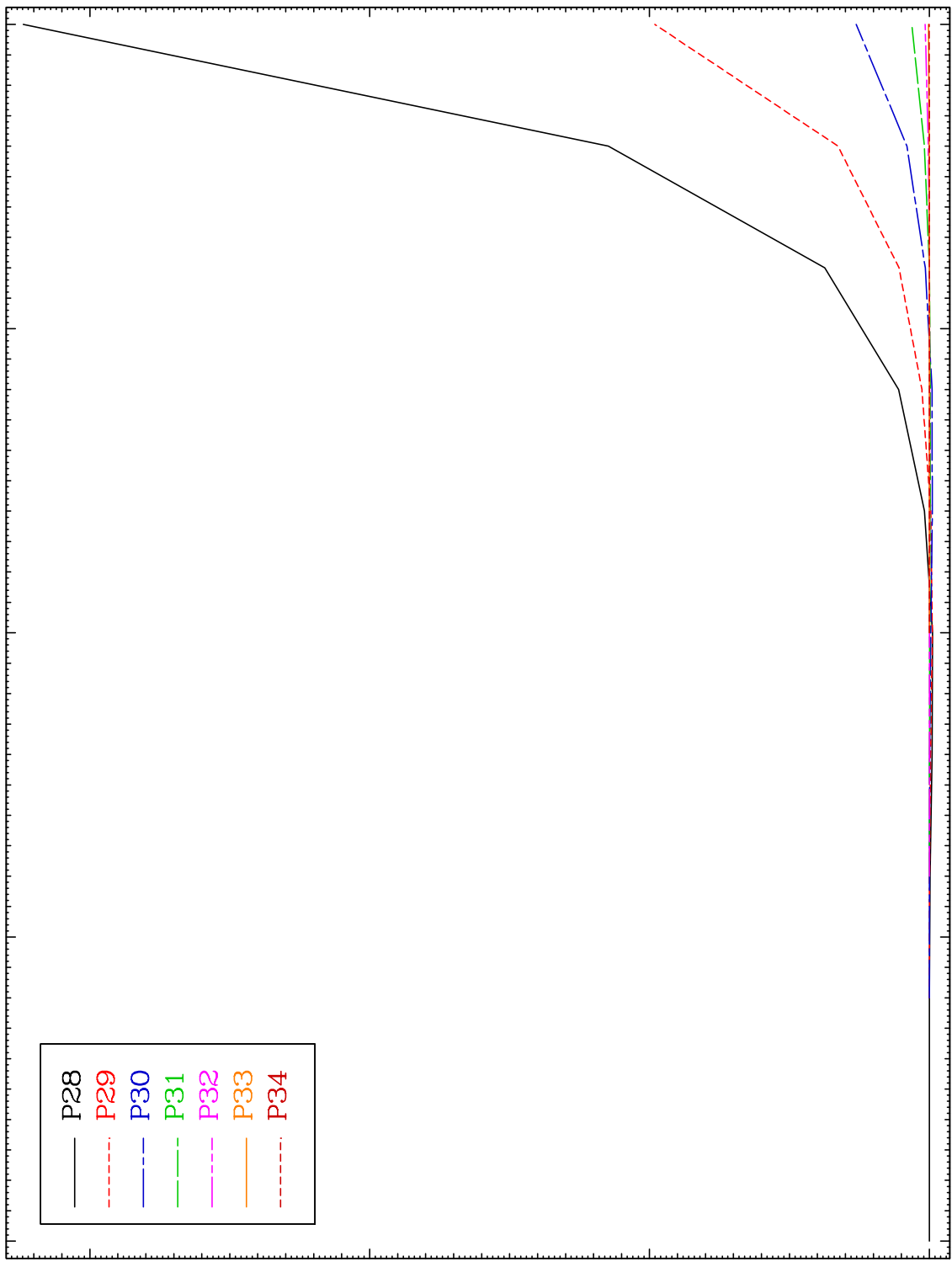
25

30

19

Incident Energy (MeV)

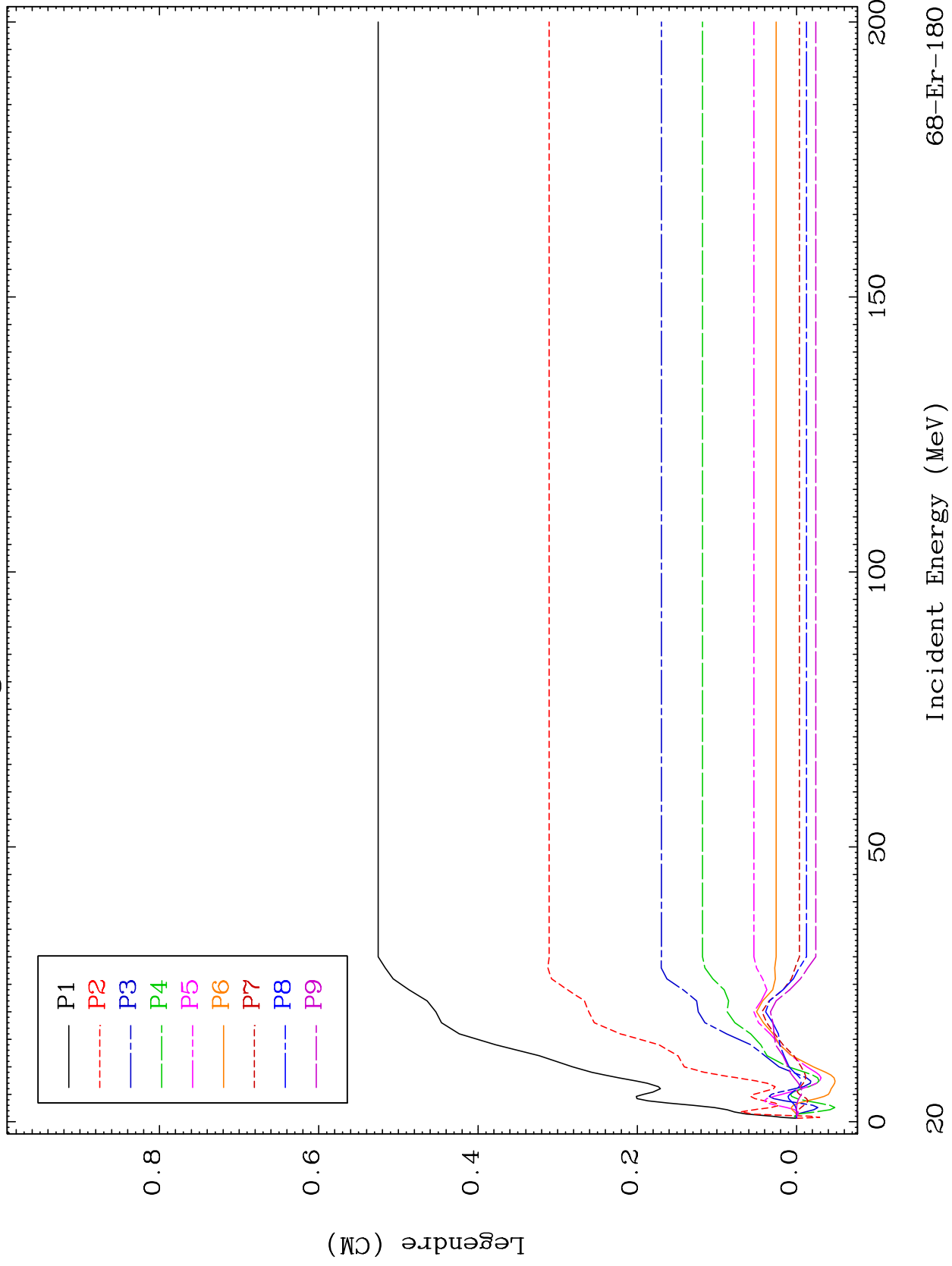
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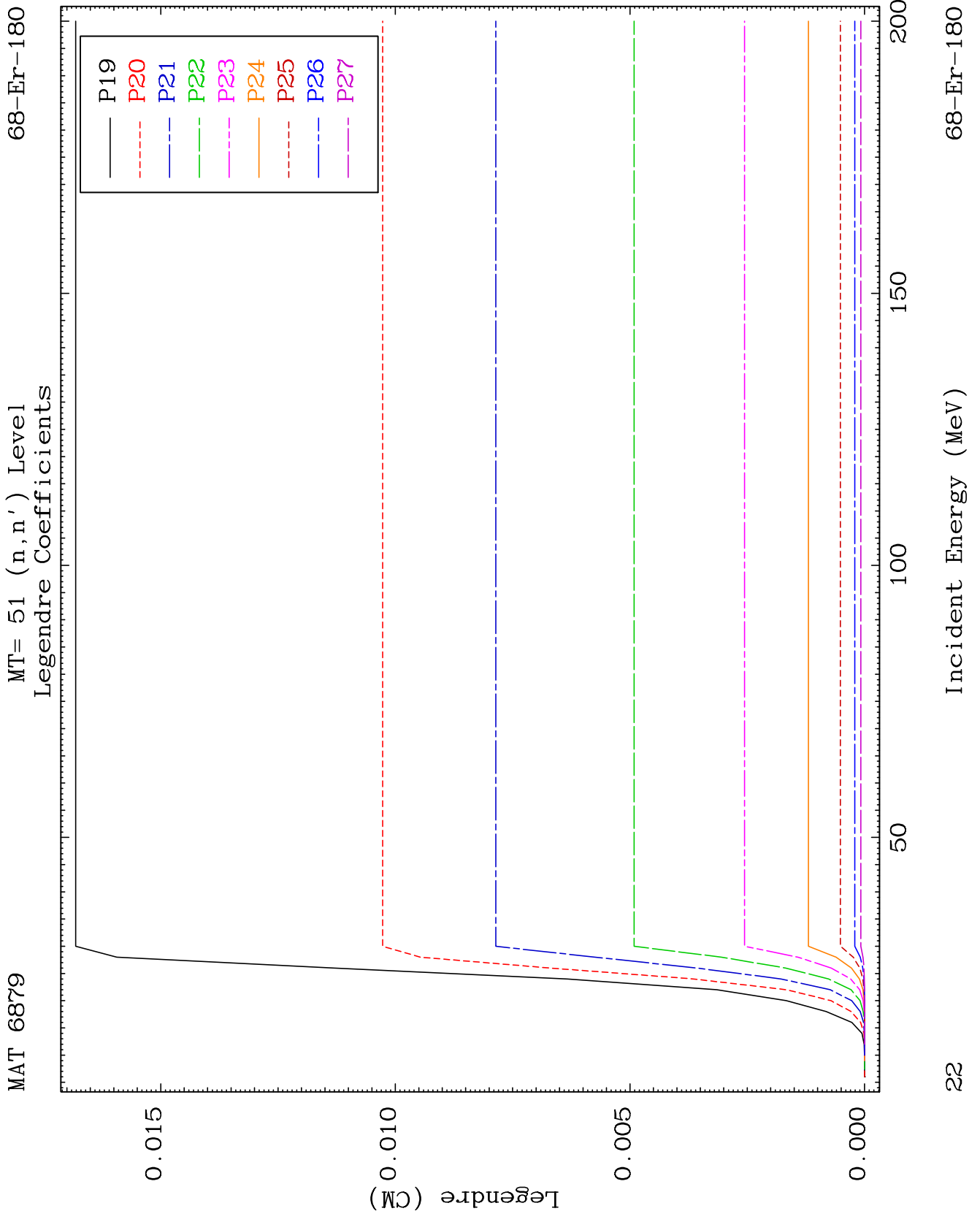


MAT 6879

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

68-Er-180

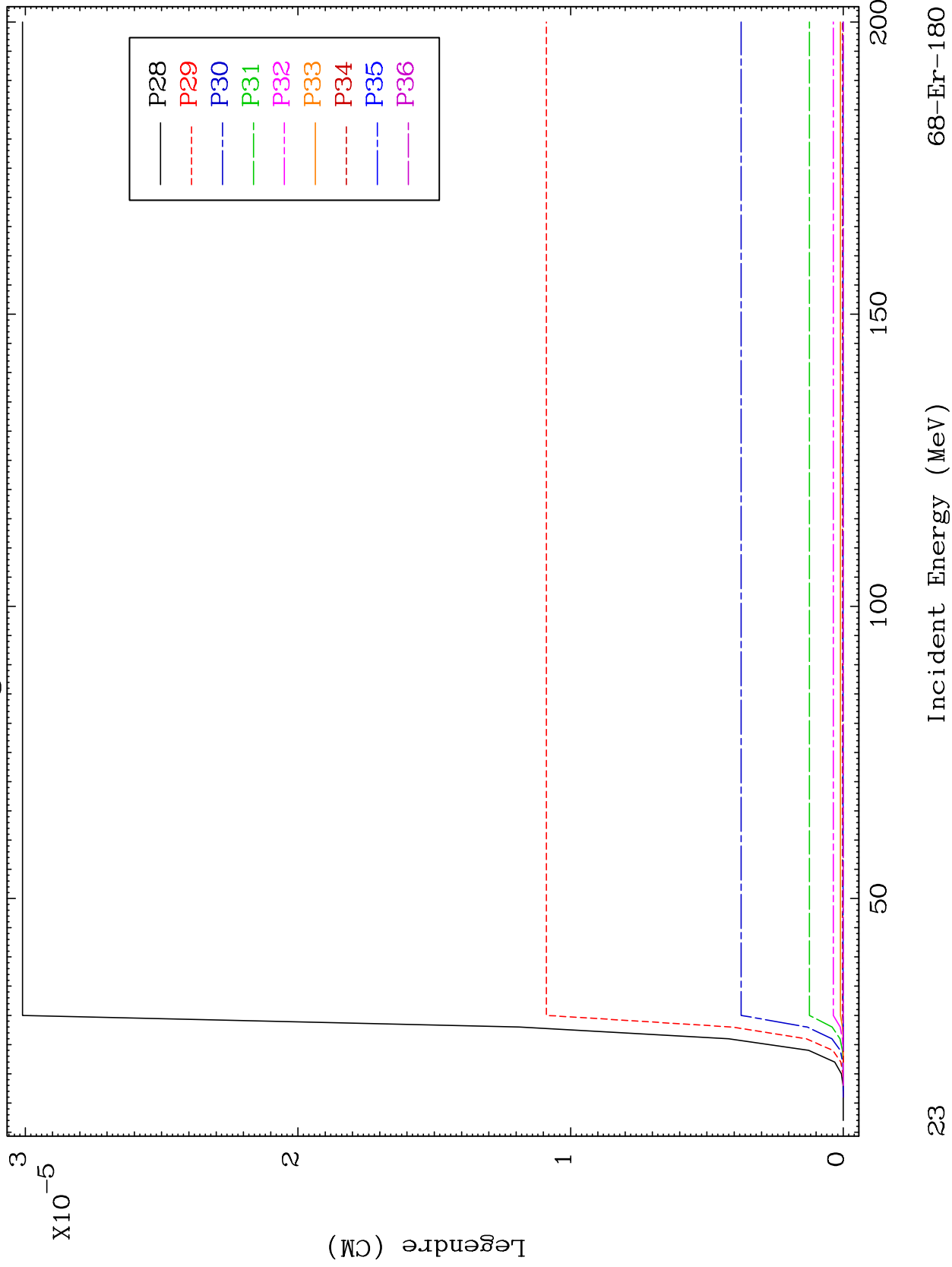




MAT 6879

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

68-Er-180



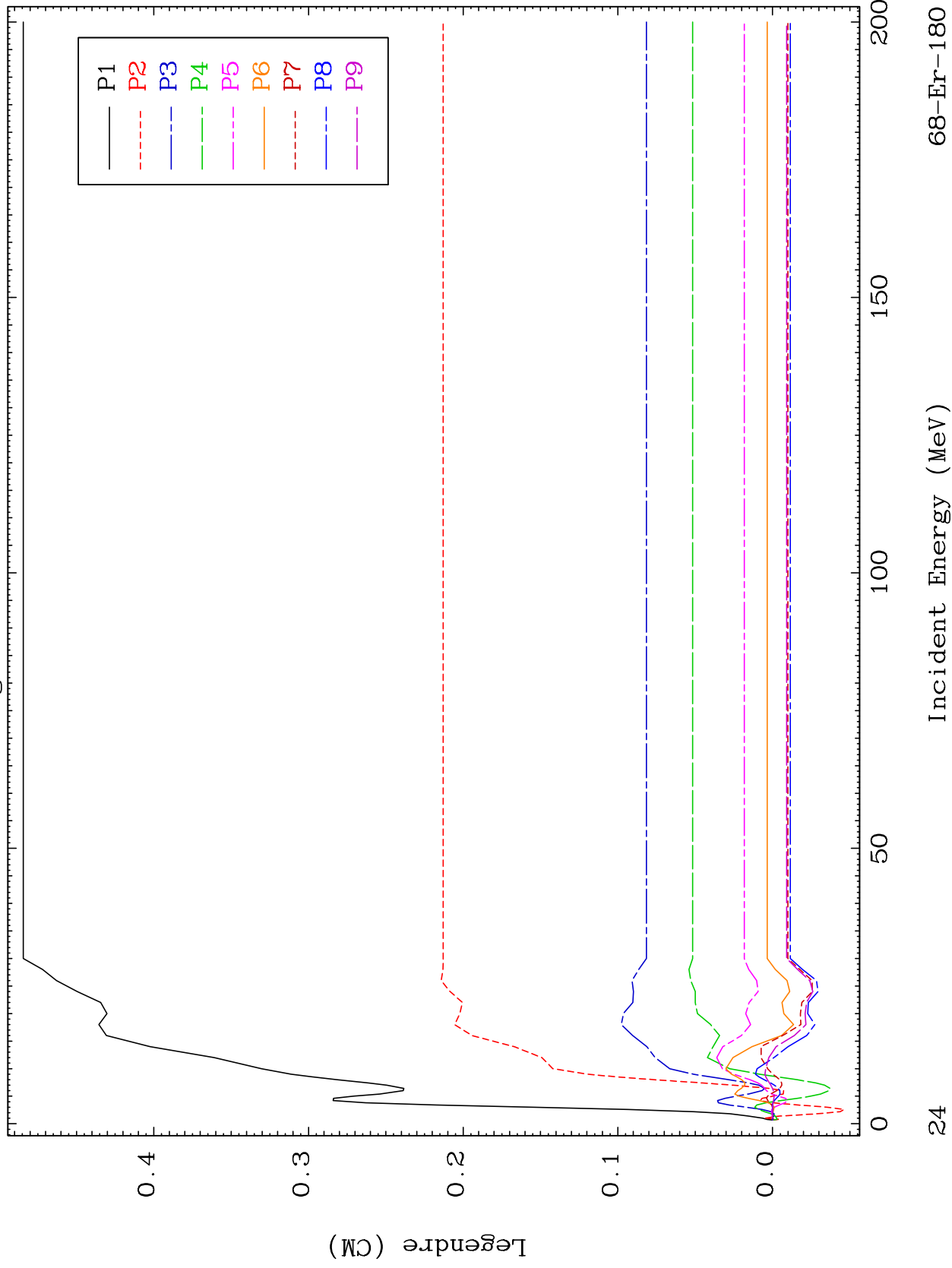
23

68-Er-180

MAT 6879

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

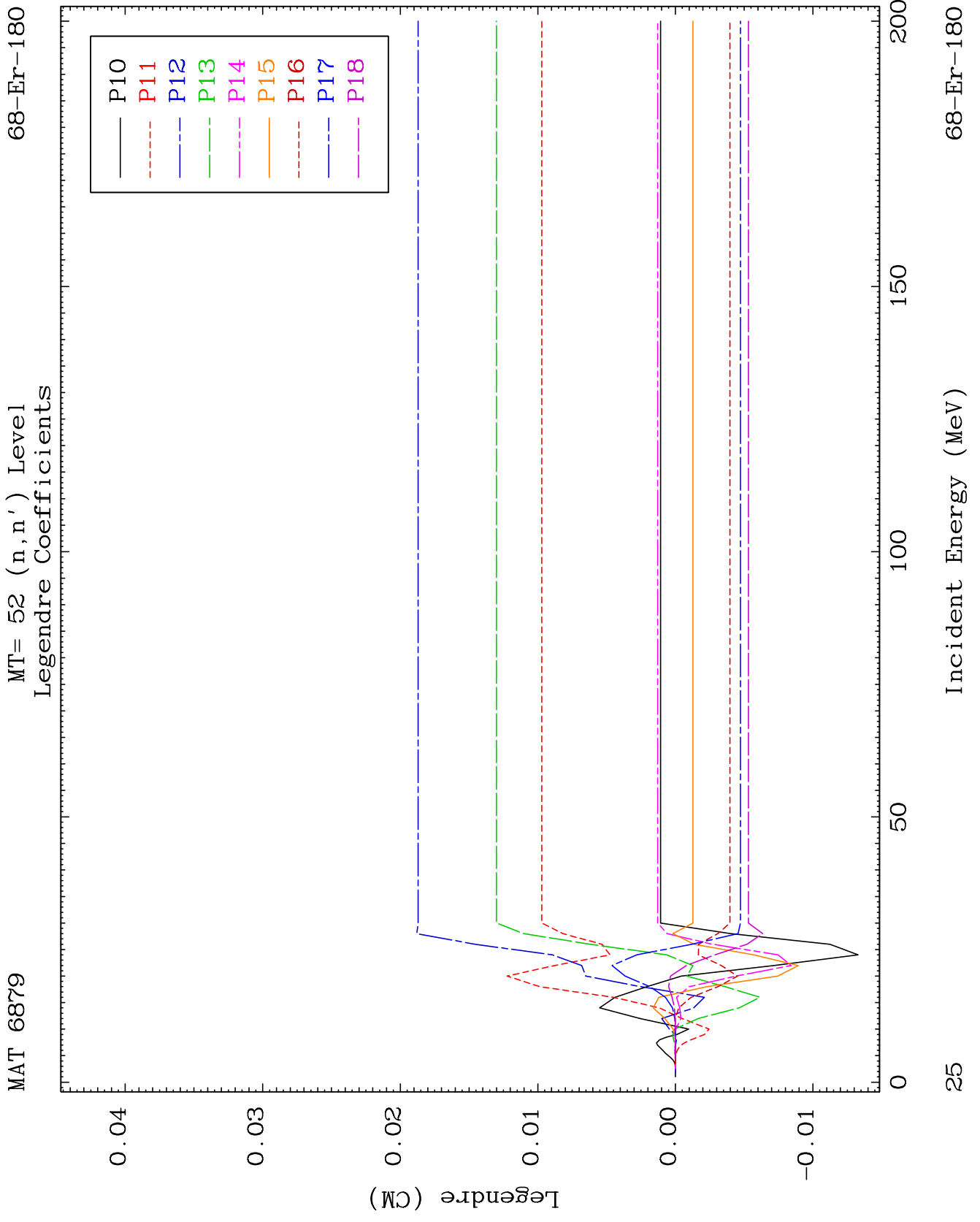
68-Er-180



68-Er-180

Incident Energy (MeV)

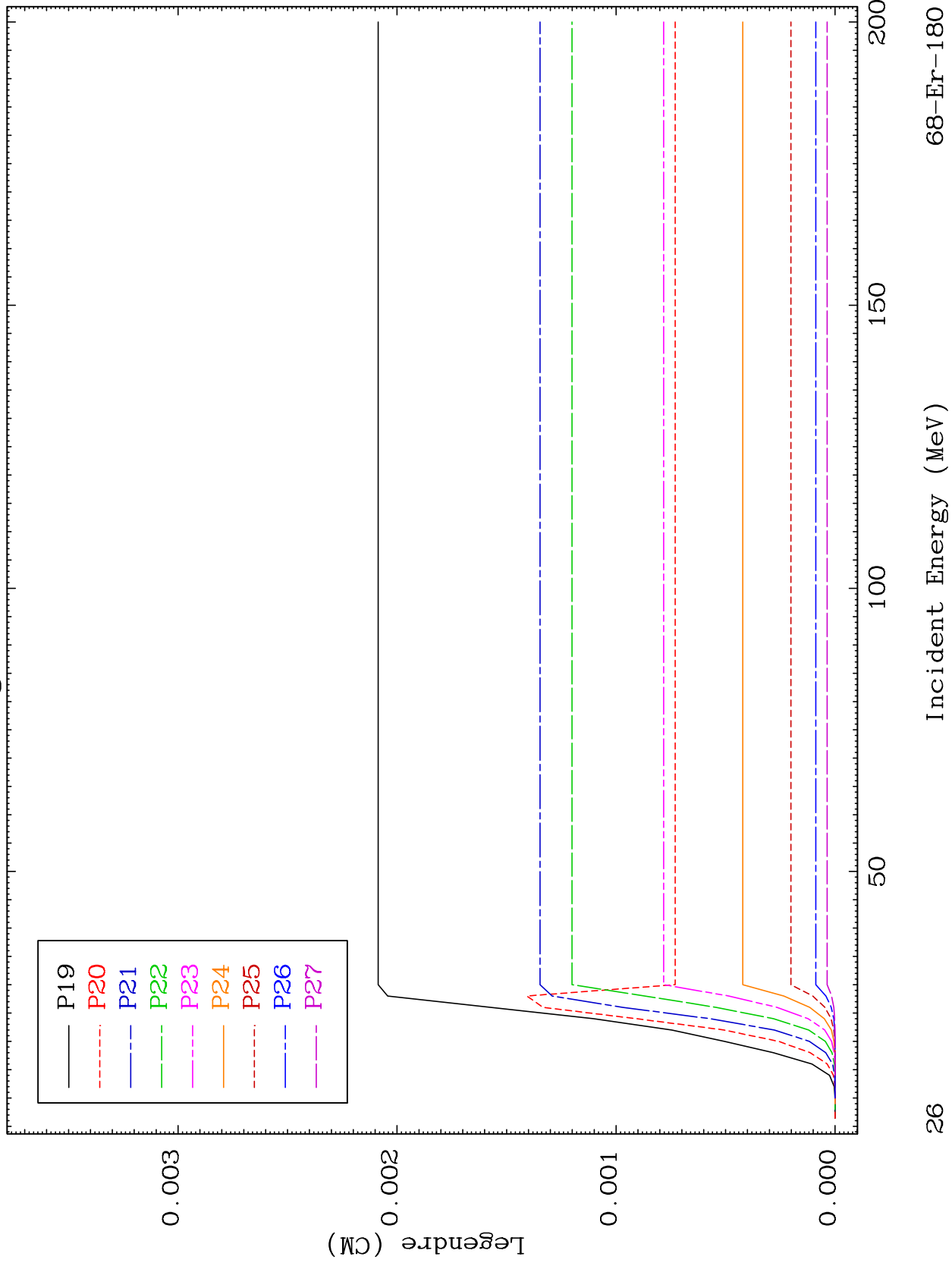
24



MAT 6879

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

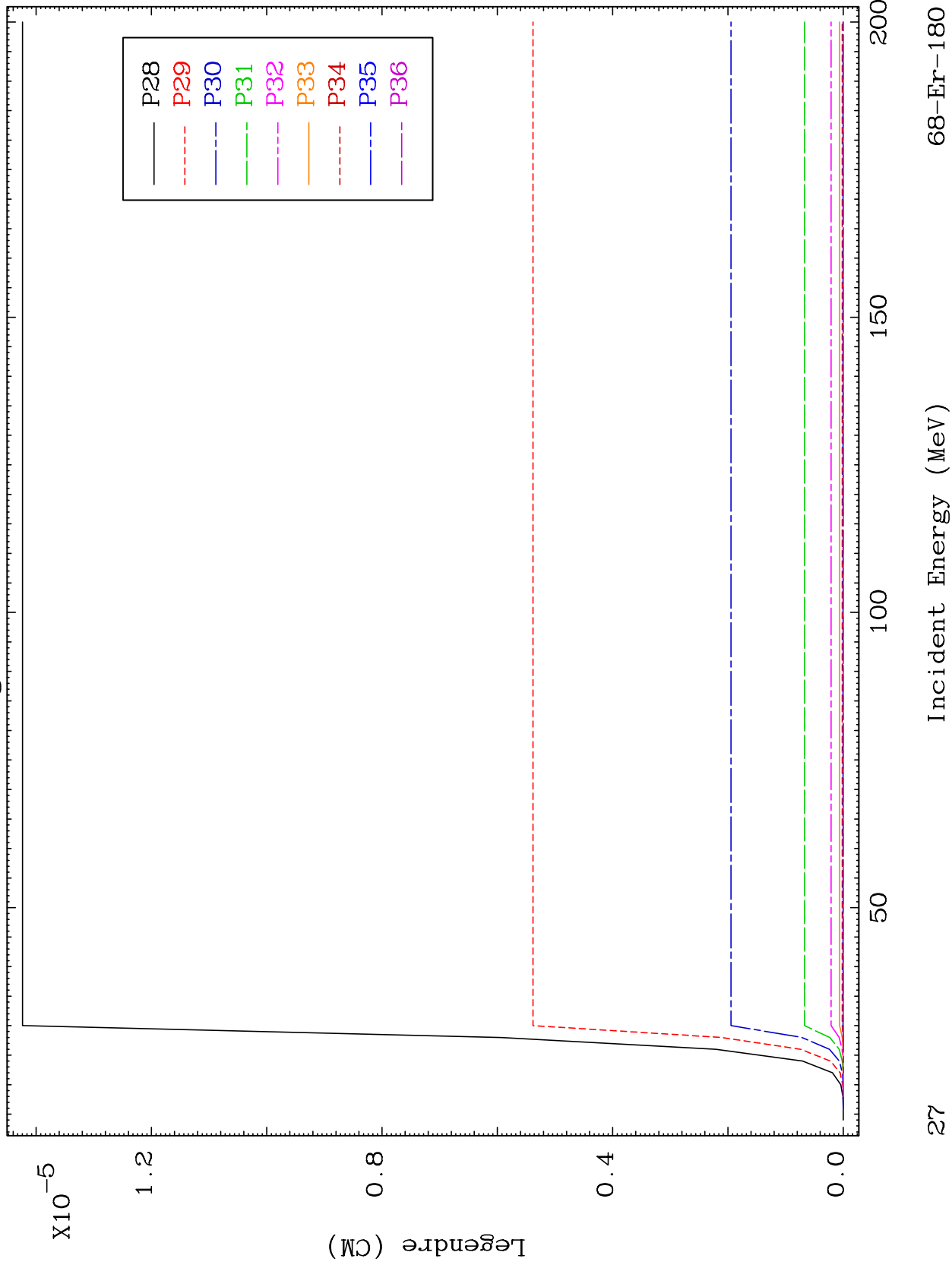
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MAT 6879

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

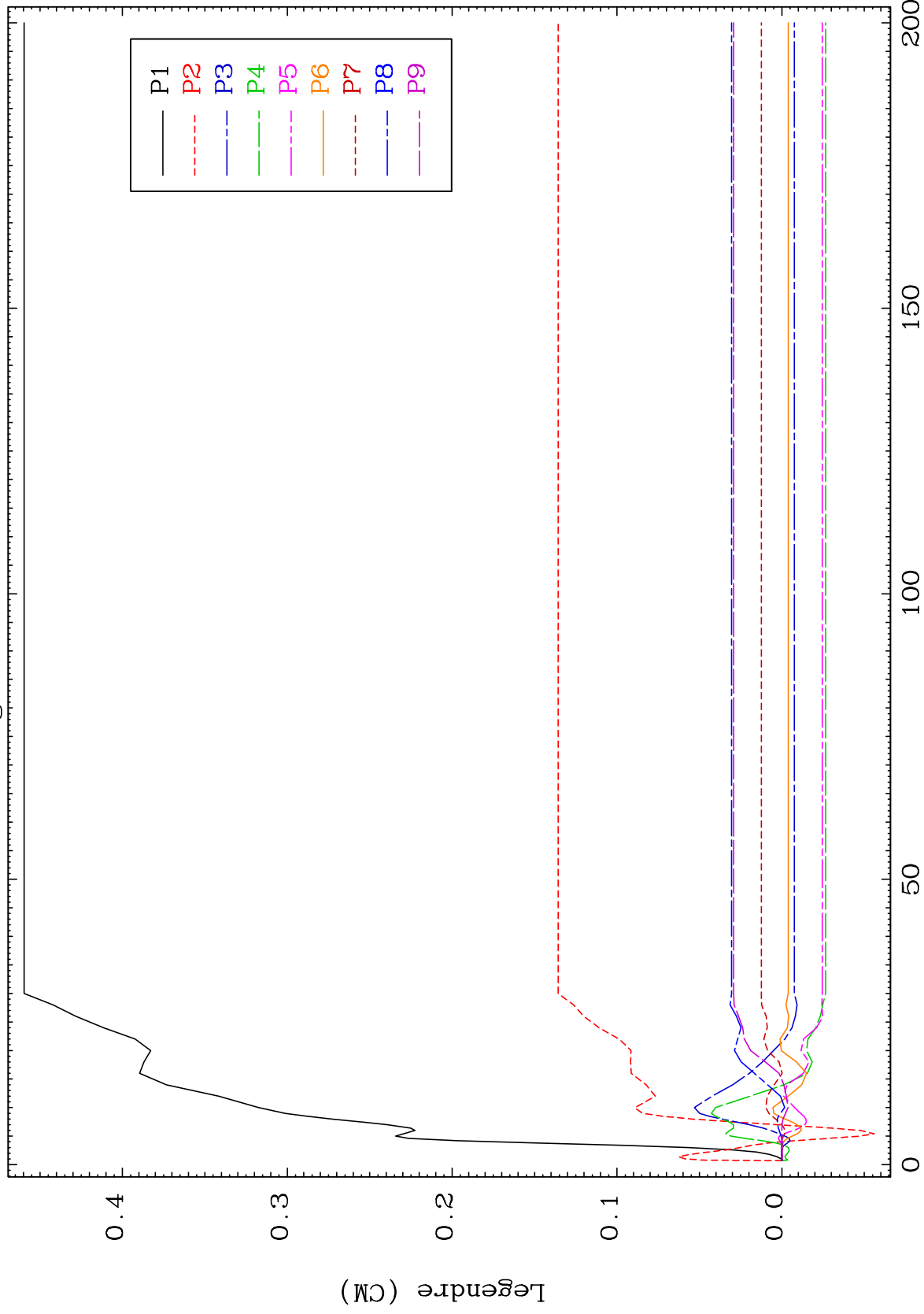
68-Er-180



MAT 6879

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

68-Er-180



28

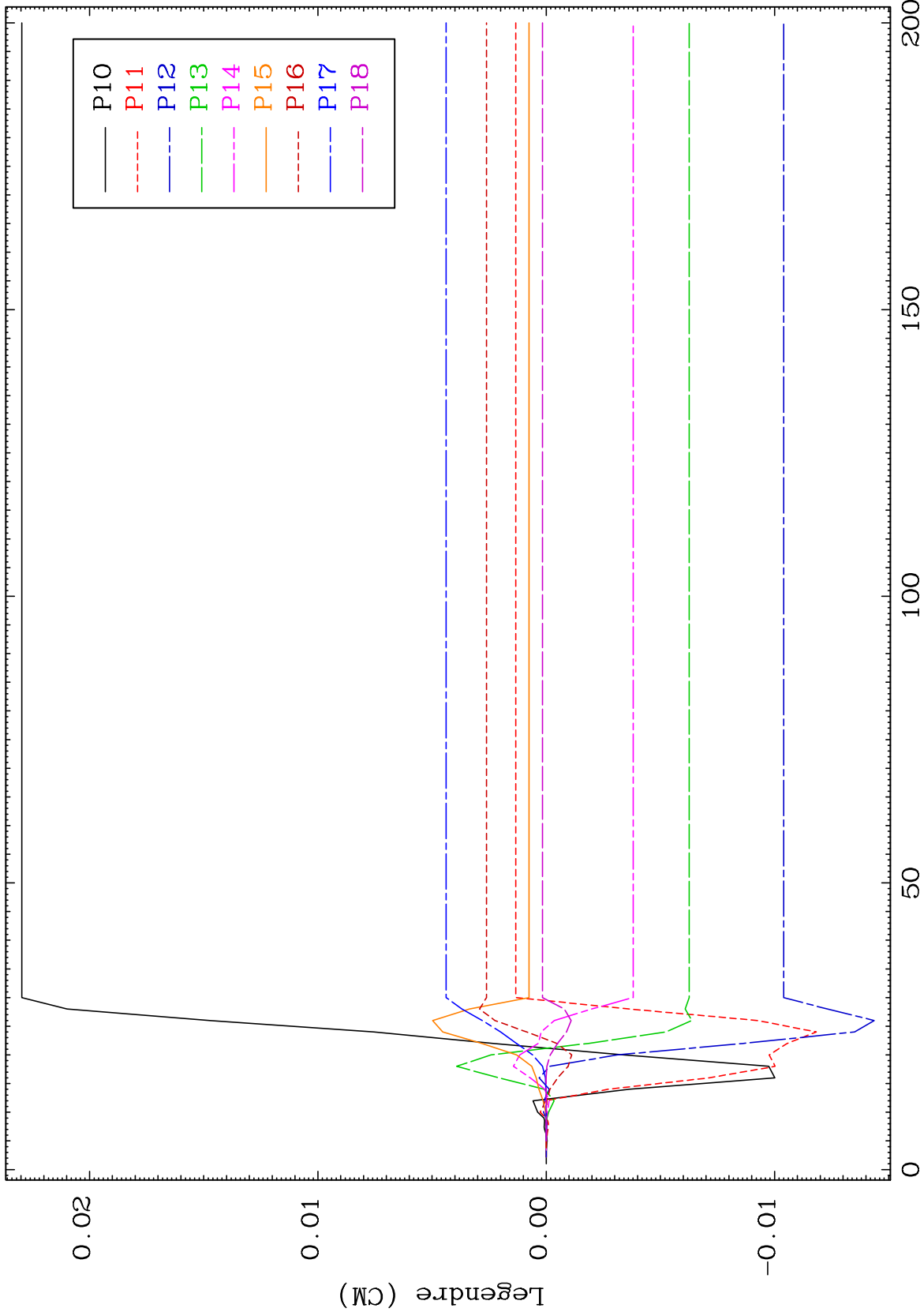
Incident Energy (MeV)

68-Er-180

MAT 6879

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

68-Er-180



29

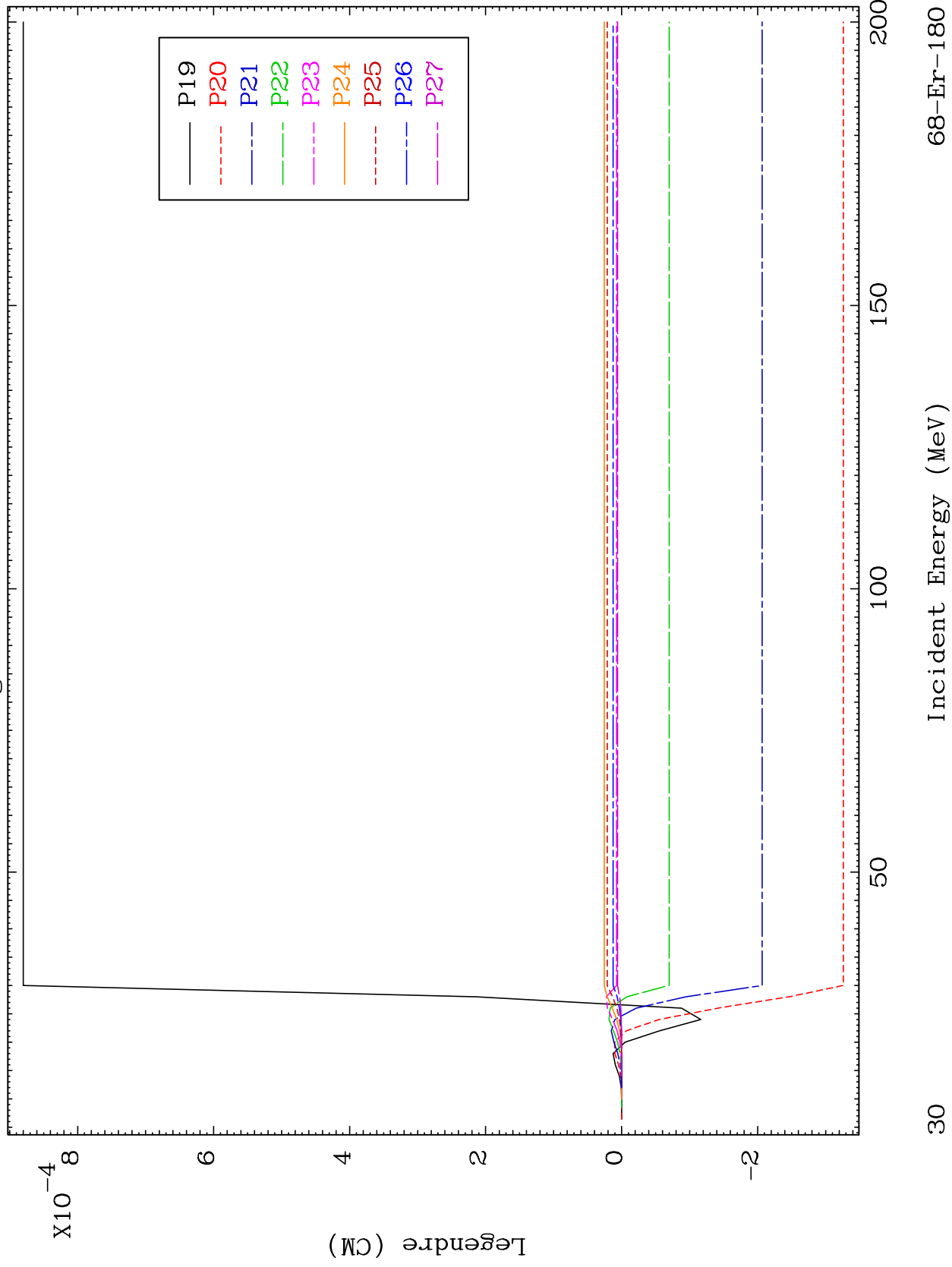
Incident Energy (MeV)

68-Er-180

MAT 6879

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

68-Er-180



30

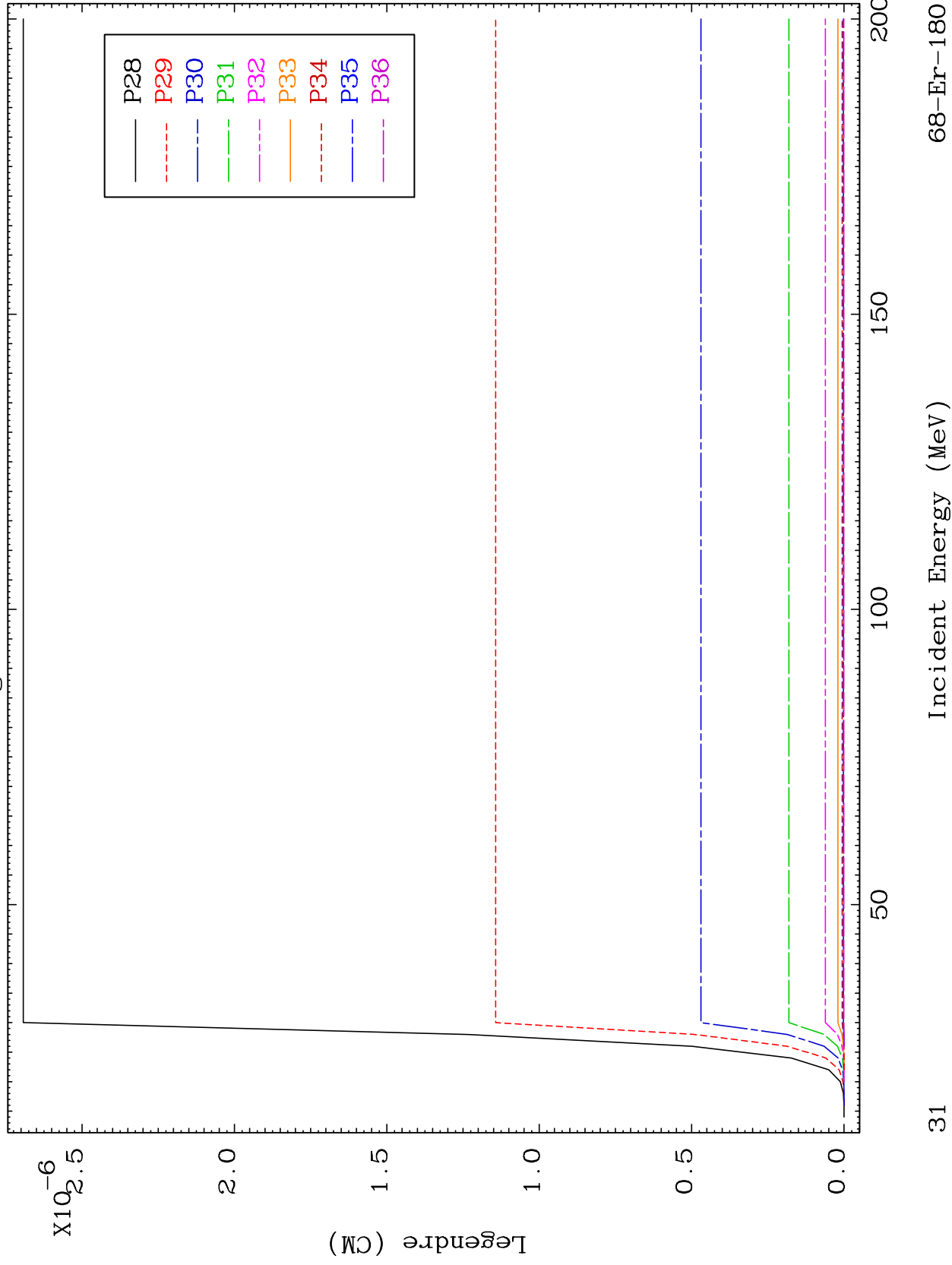
Incident Energy (MeV)

68-Er-180

MAT 6879

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

68-Er-180



31

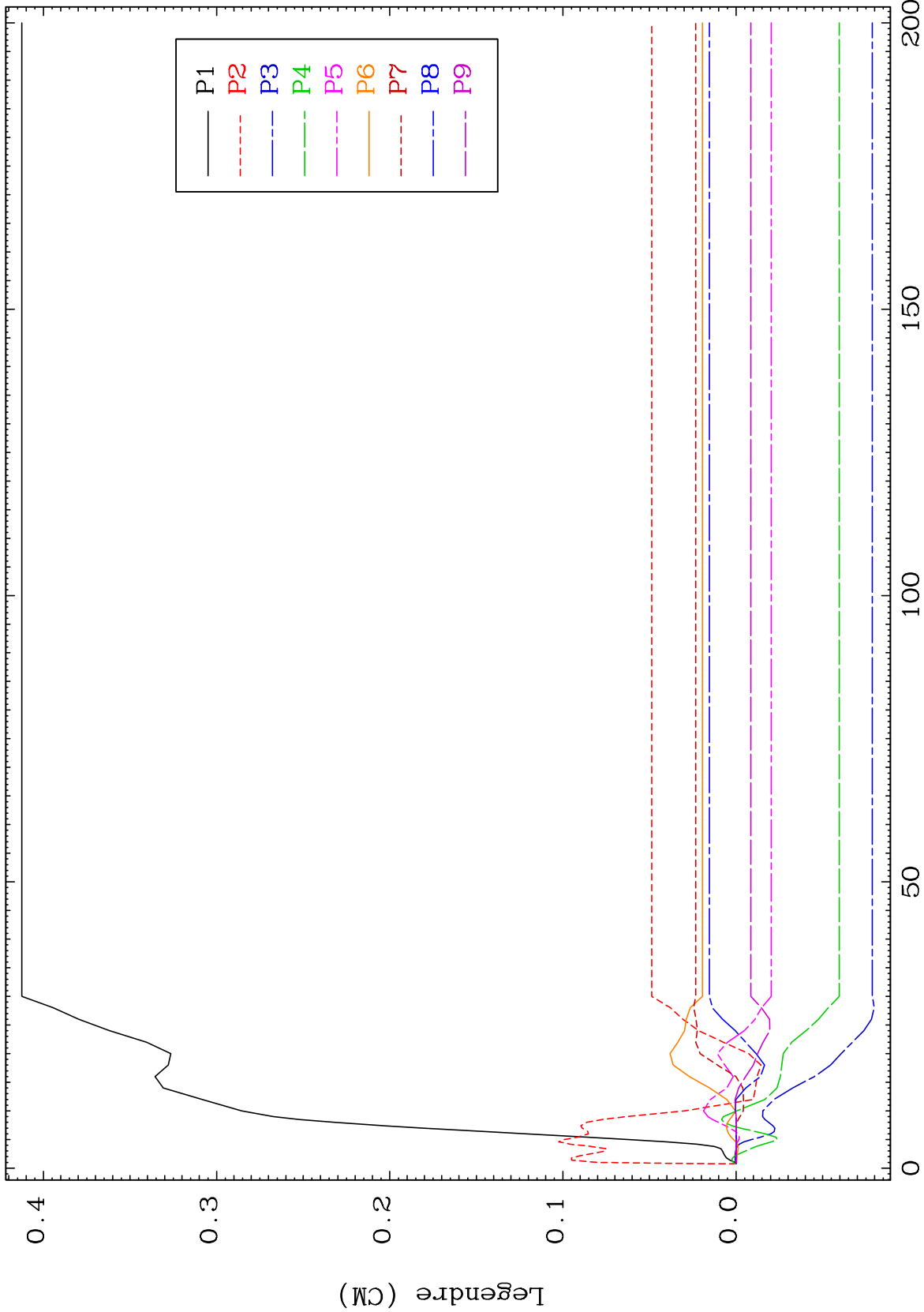
Incident Energy (MeV)

68-Er-180

MAT 6879

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

68-Er-180



32

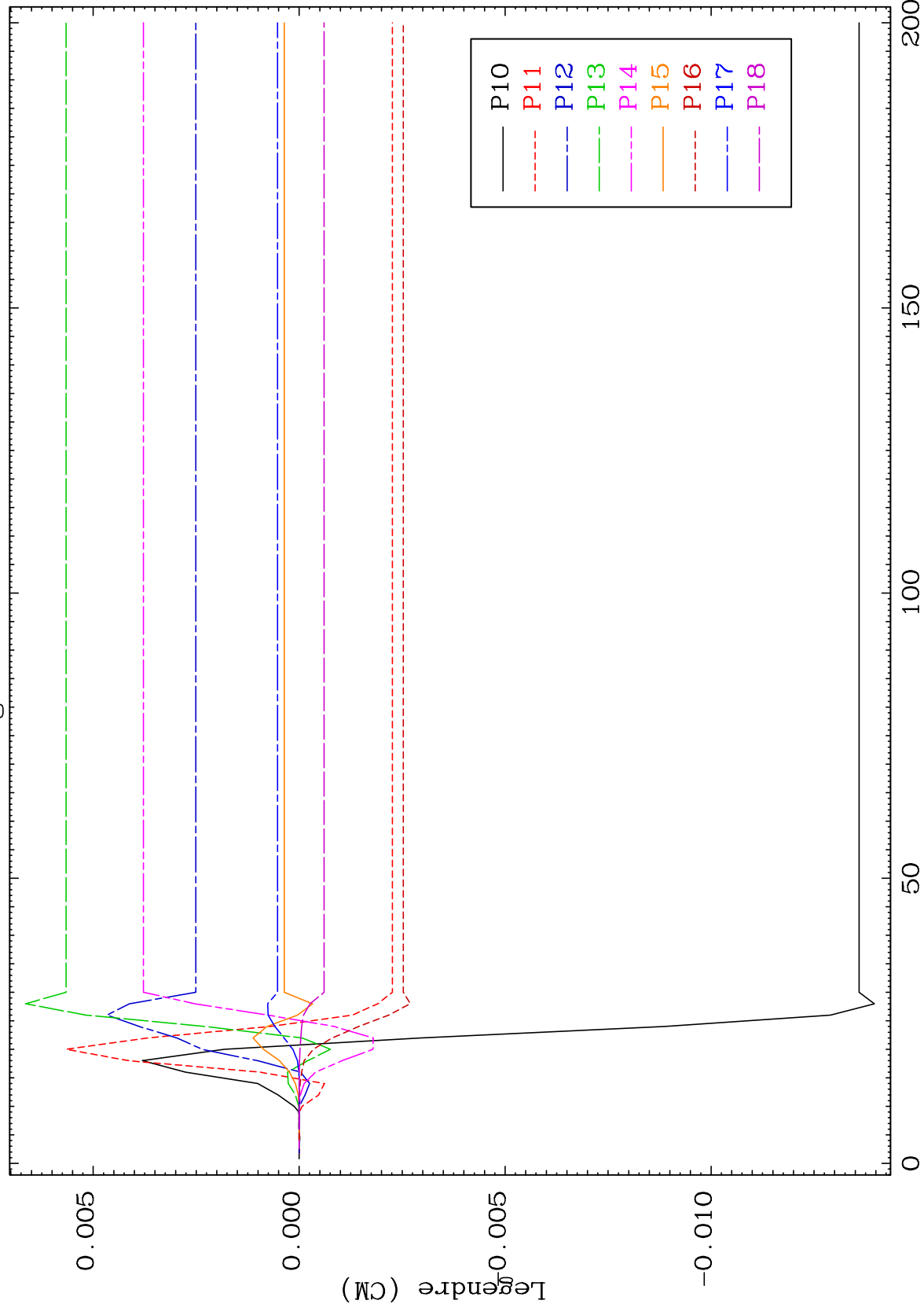
Incident Energy (MeV)

68-Er-180

MAT 6879

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

68-Er-180



33

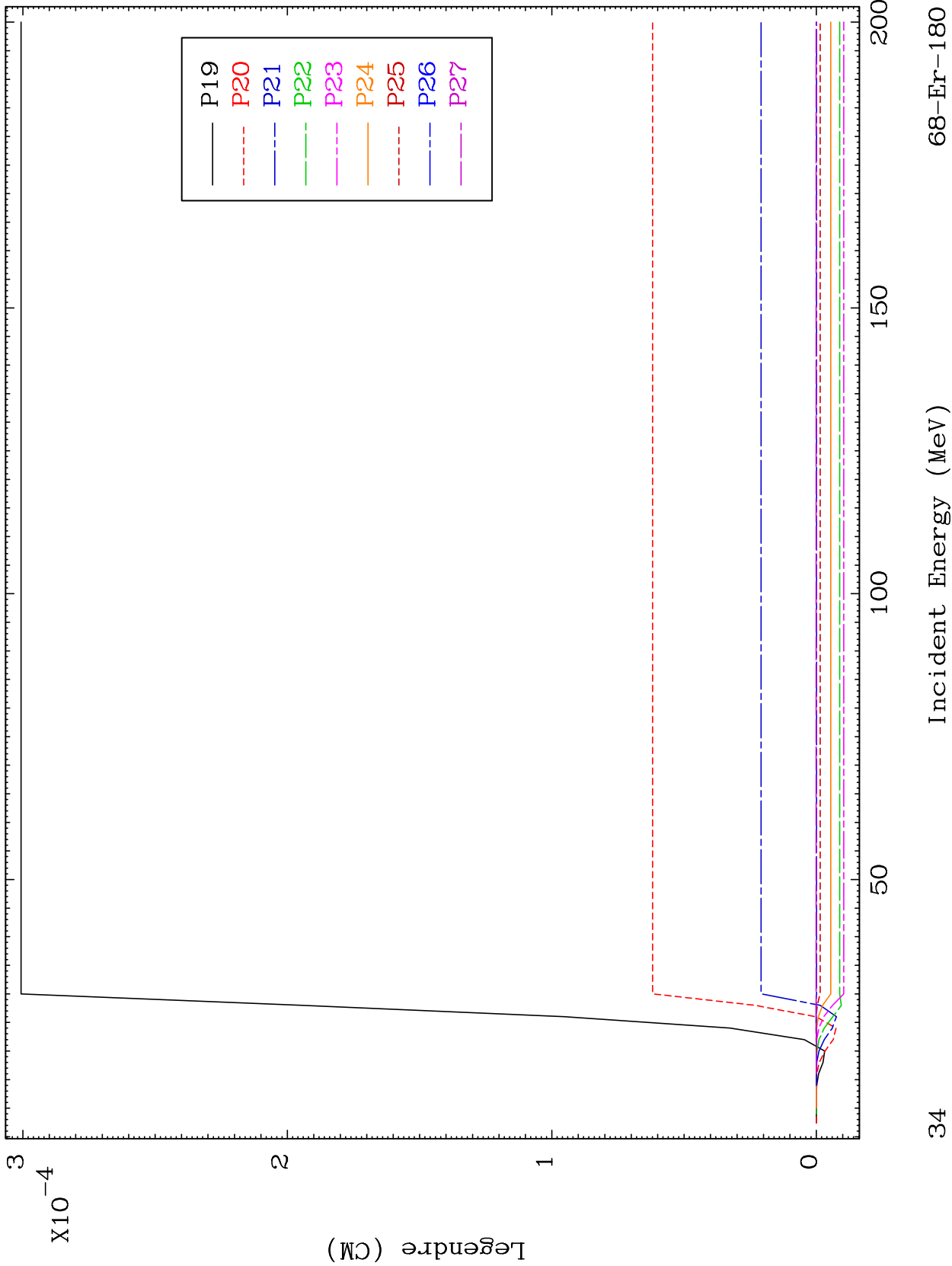
Incident Energy (MeV)

68-Er-180

MAT 6879

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

68-Er-180



34

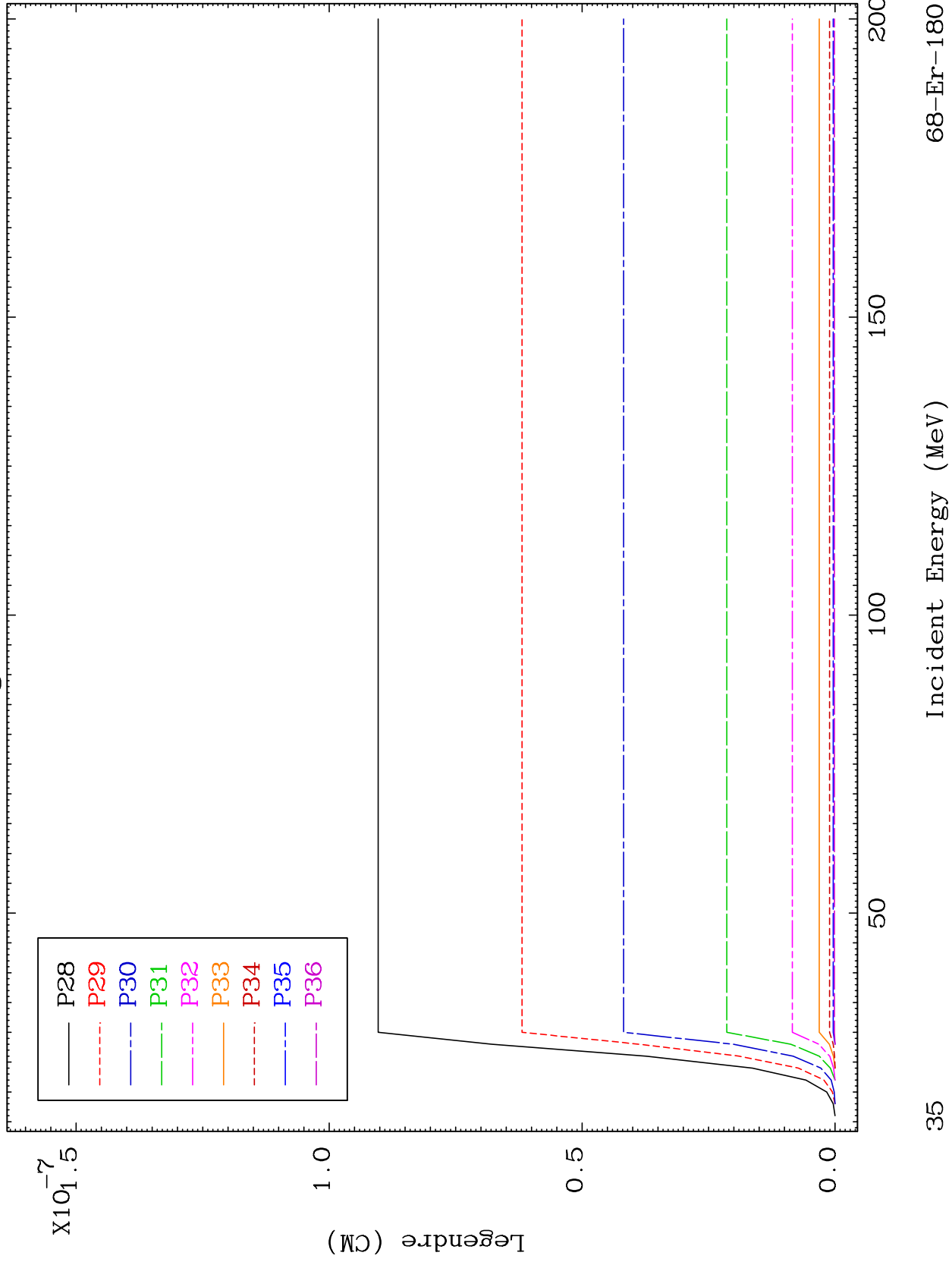
Incident Energy (MeV)

68-Er-180

MAT 6879

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

68-Er-180



35

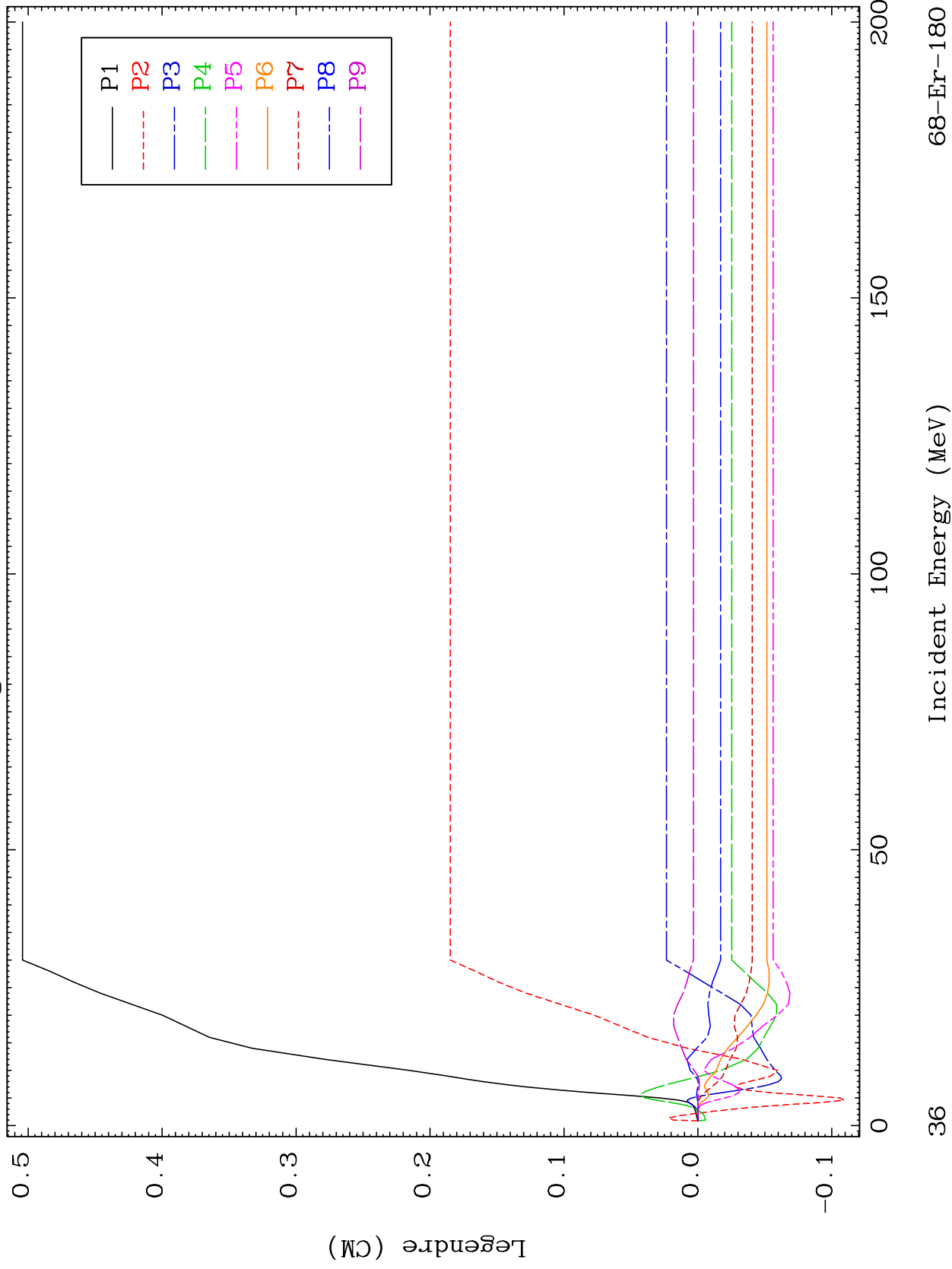
Incident Energy (MeV)

68-Er-180

MAT 6879

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

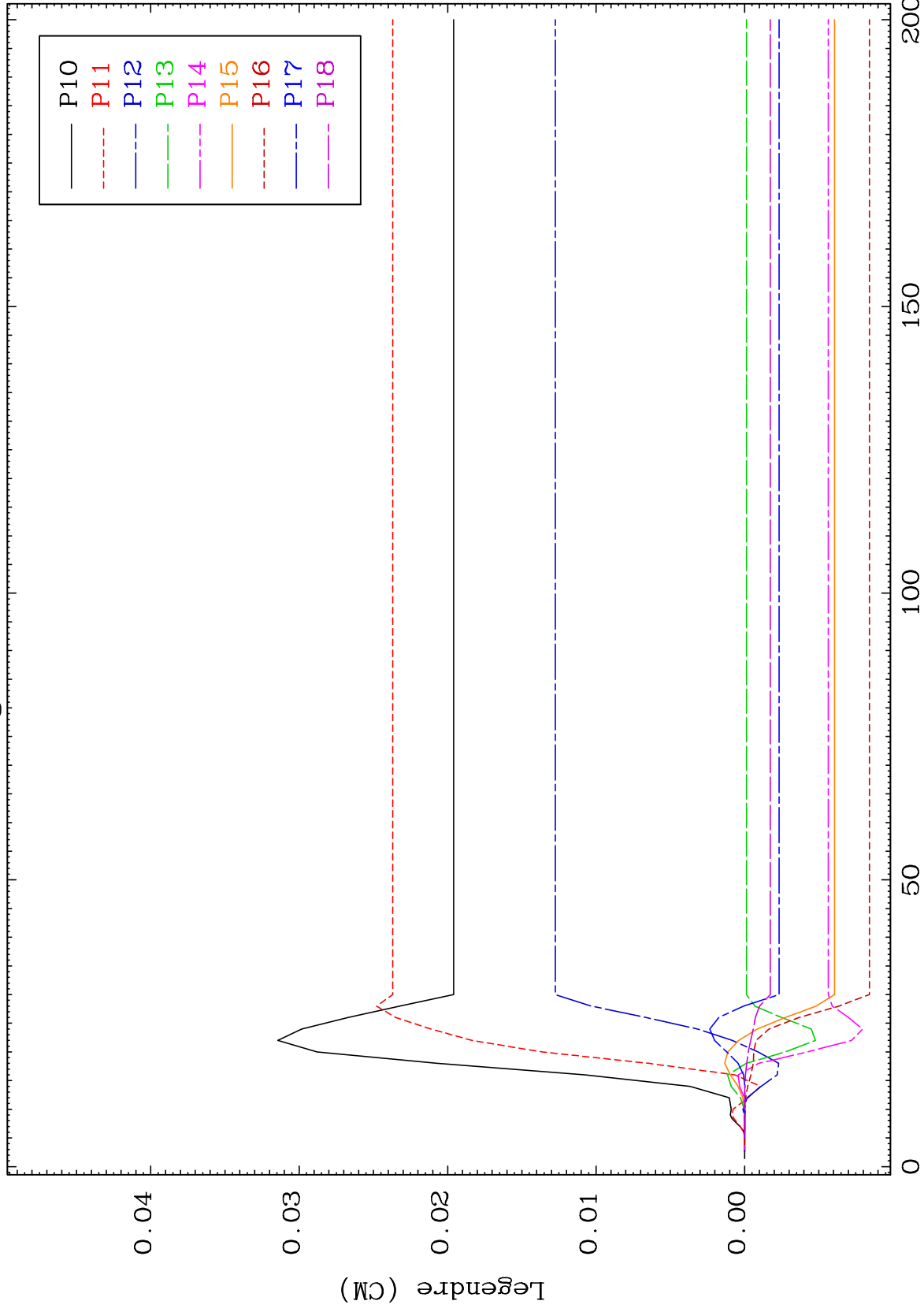
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MAT 6879

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

68-Er-180



37

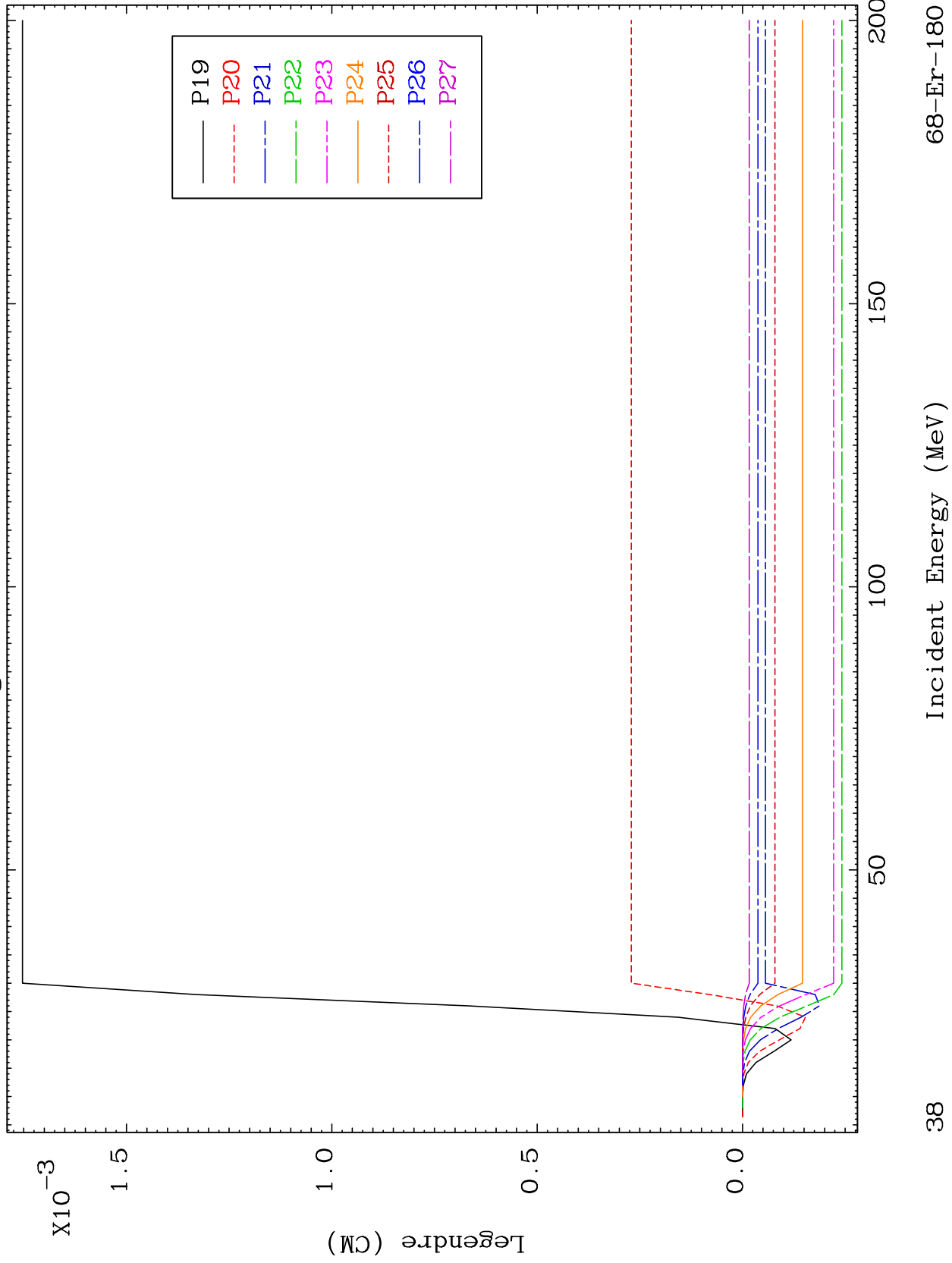
Incident Energy (MeV)

68-Er-180

MAT 6879

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

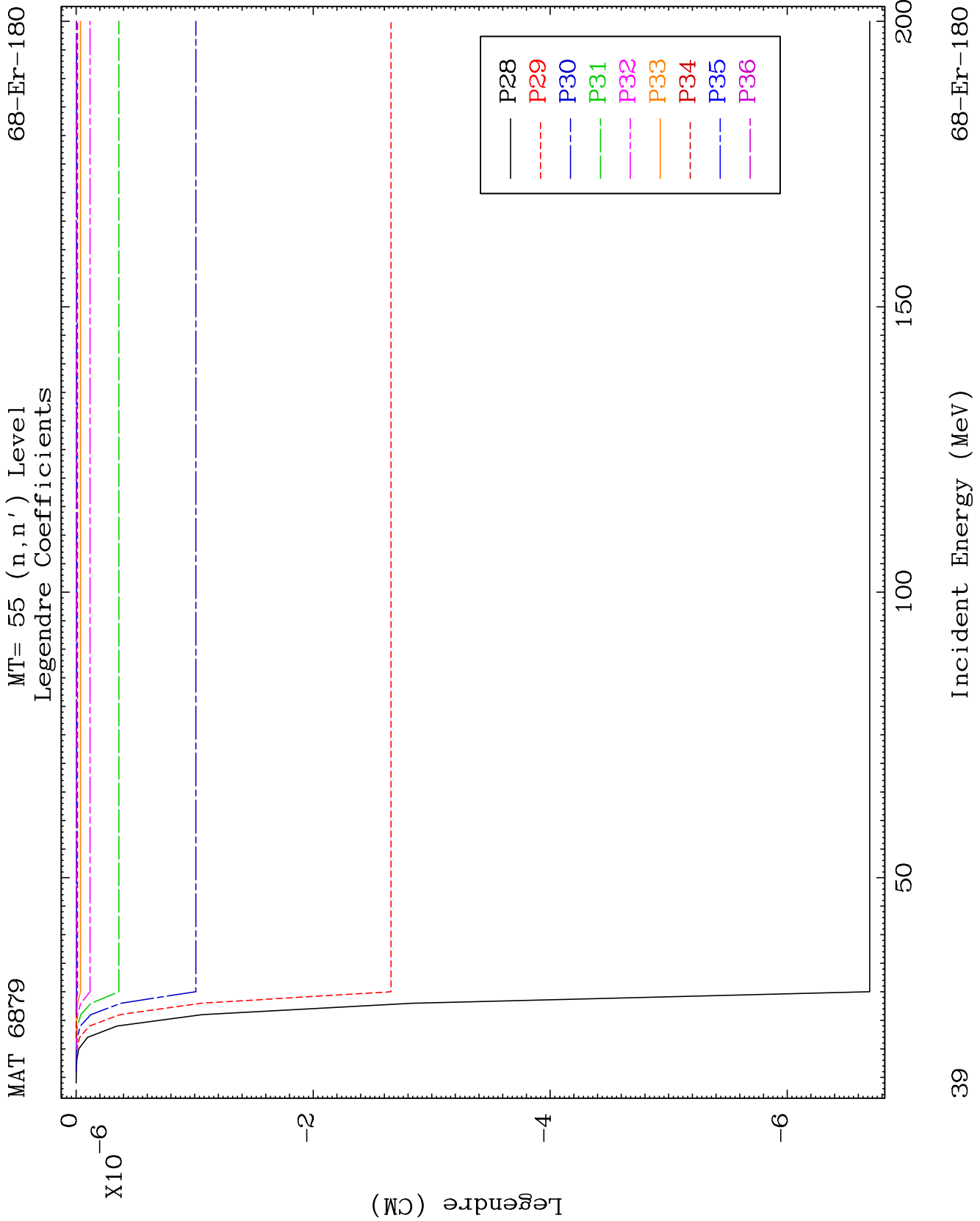
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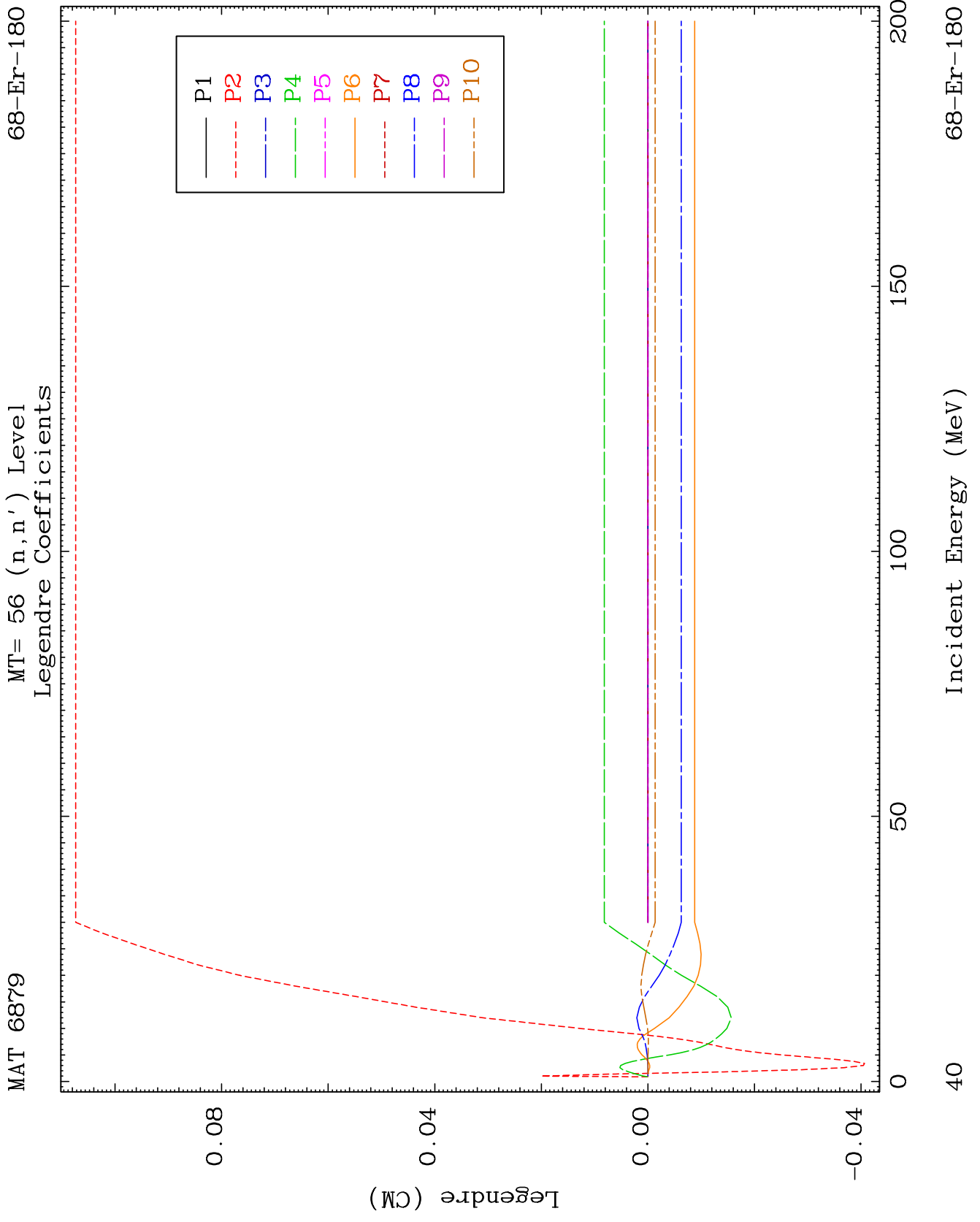


38

Incident Energy (MeV)

68-Er-180

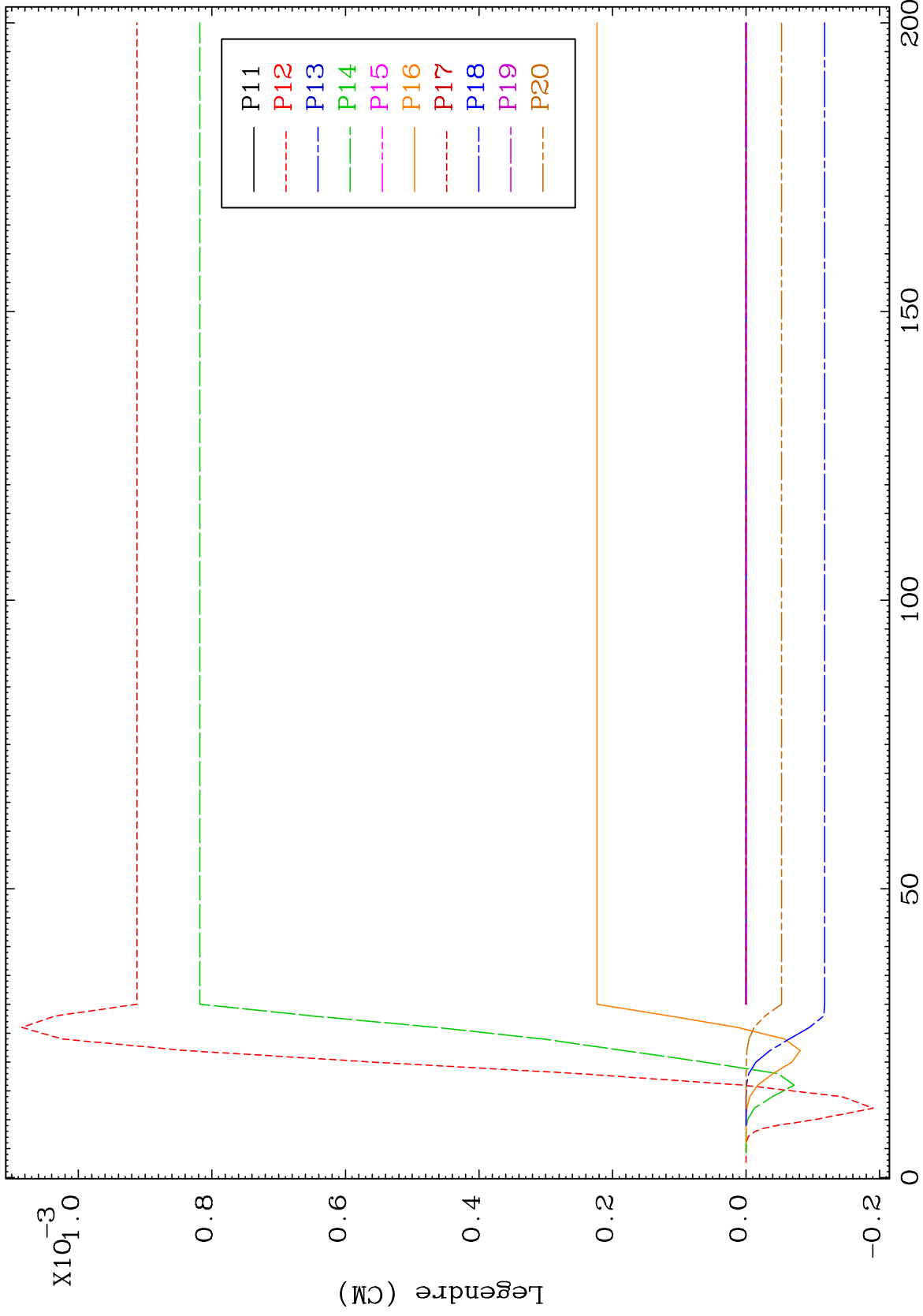




MAT 6879

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

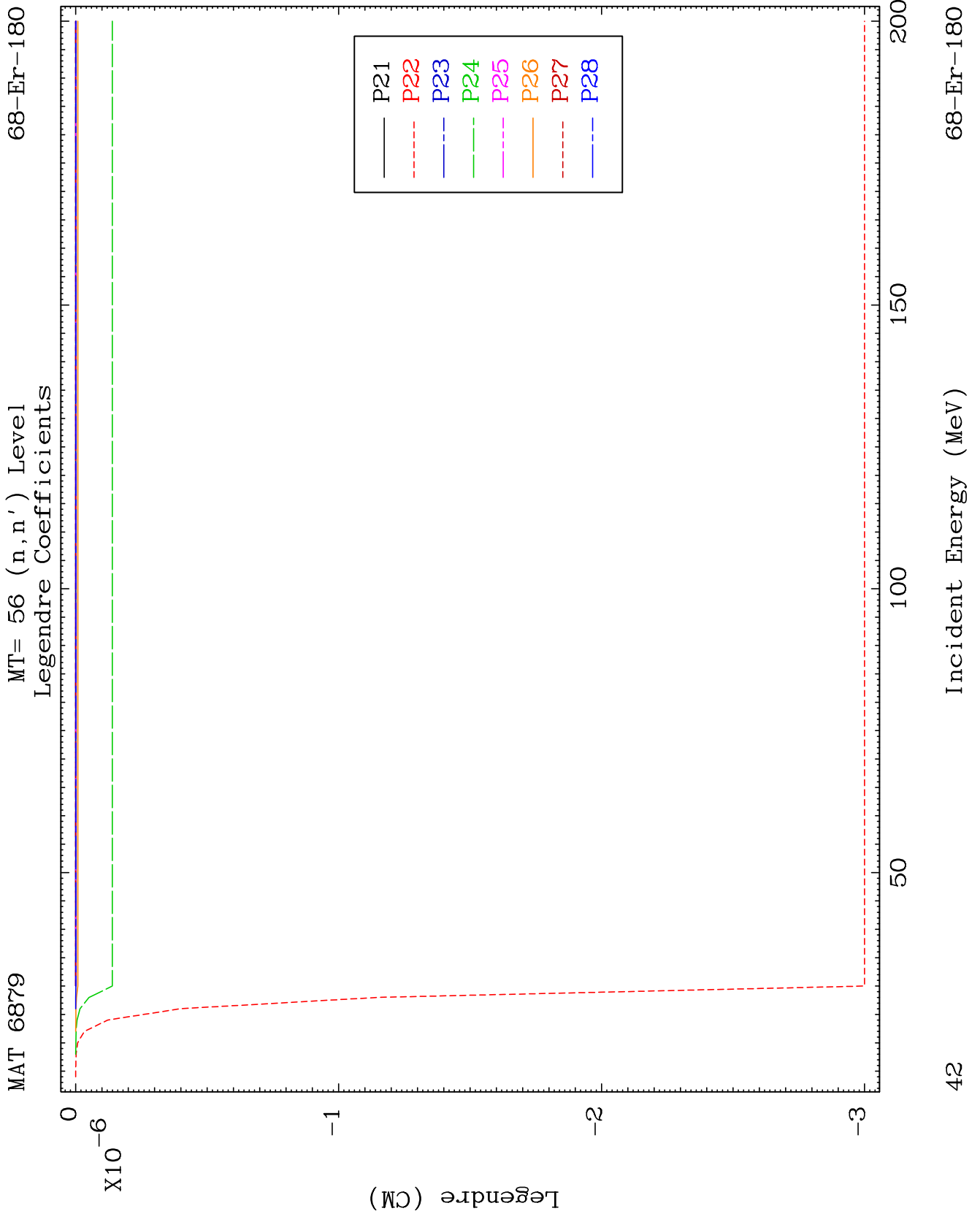
68-Er-180



41

Incident Energy (MeV)

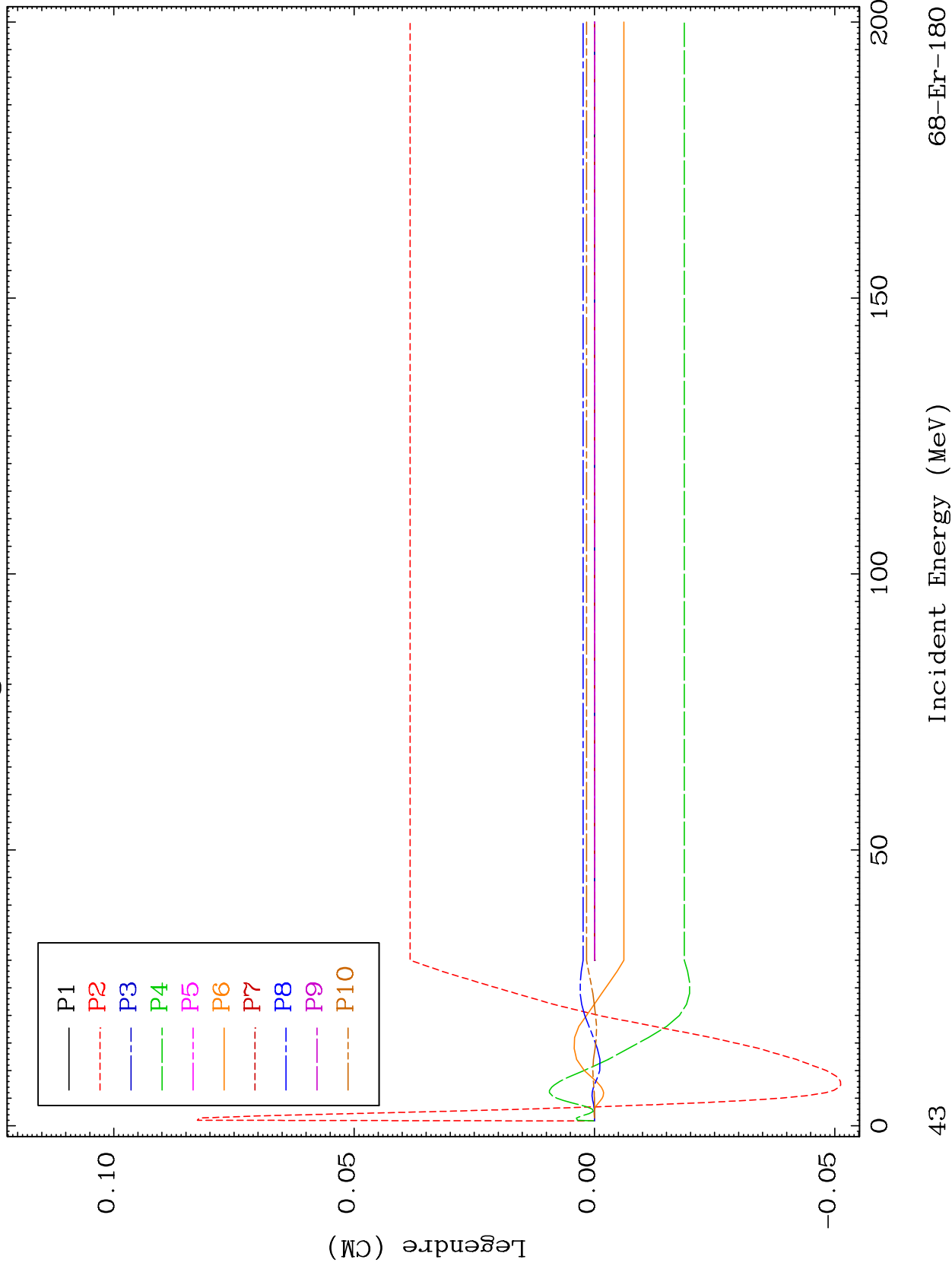
68-Er-180



MAT 6879

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

68-Er-180



68-Er-180

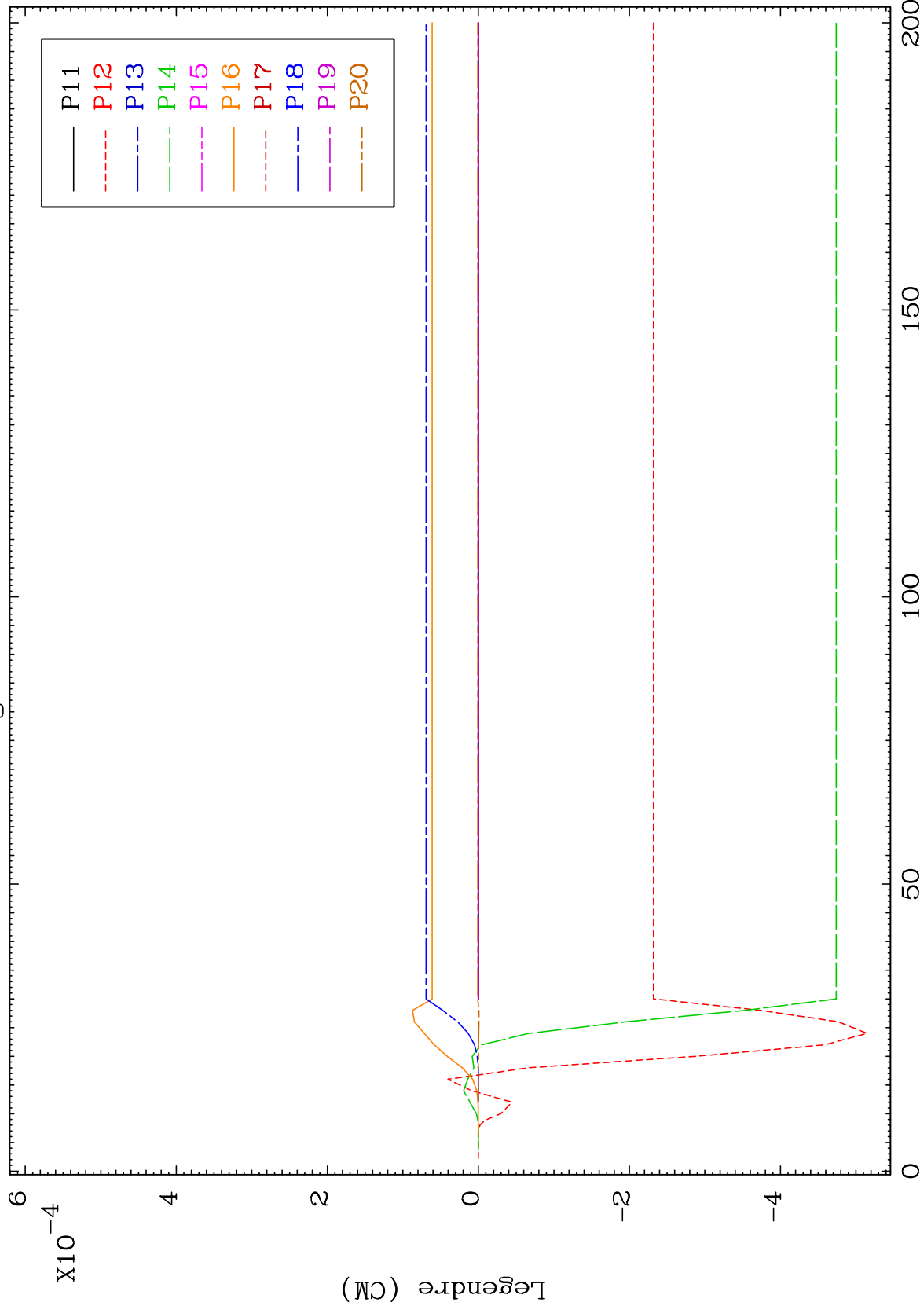
Incident Energy (MeV)

43

MAT 6879

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

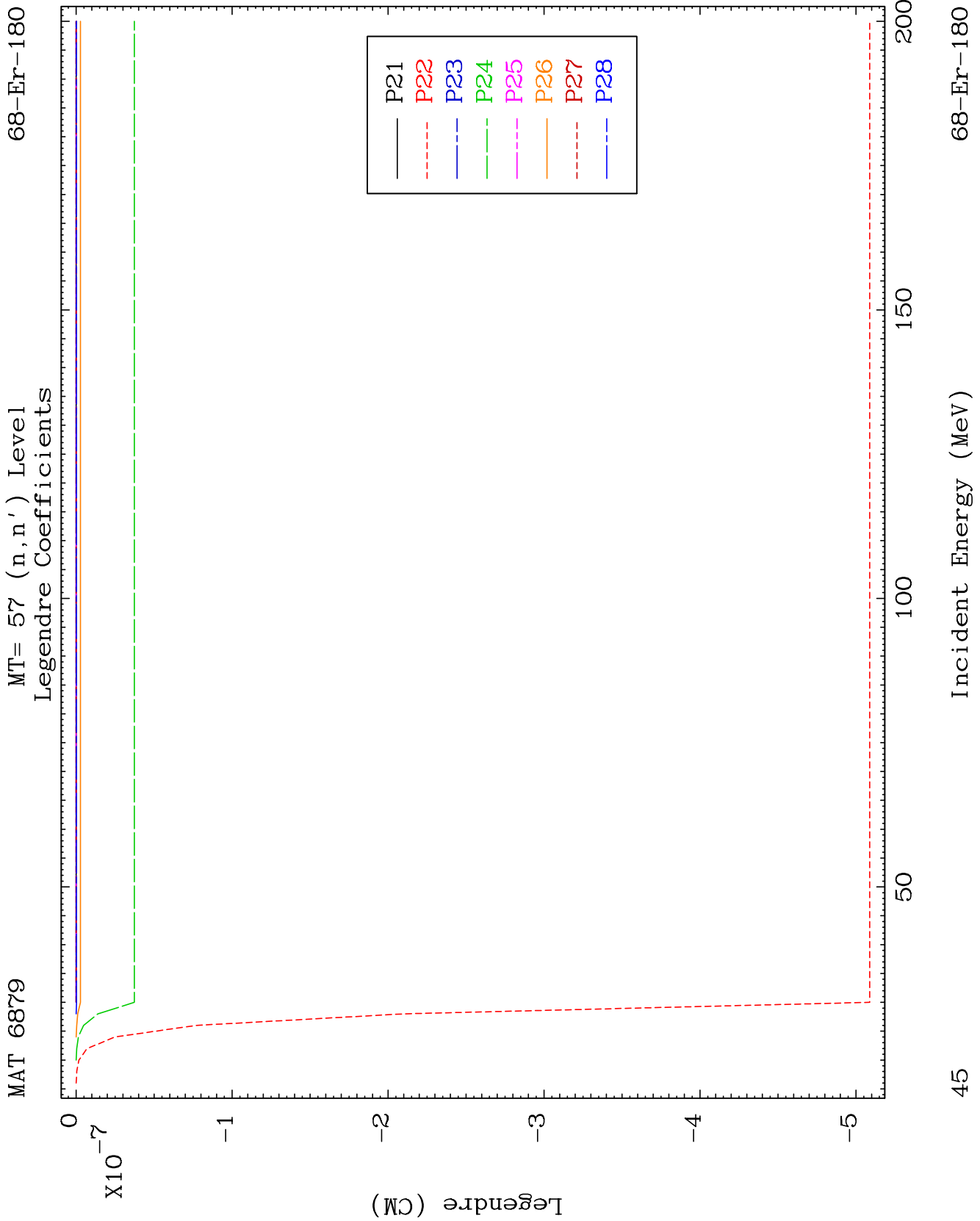
68-Er-180



44

Incident Energy (MeV)

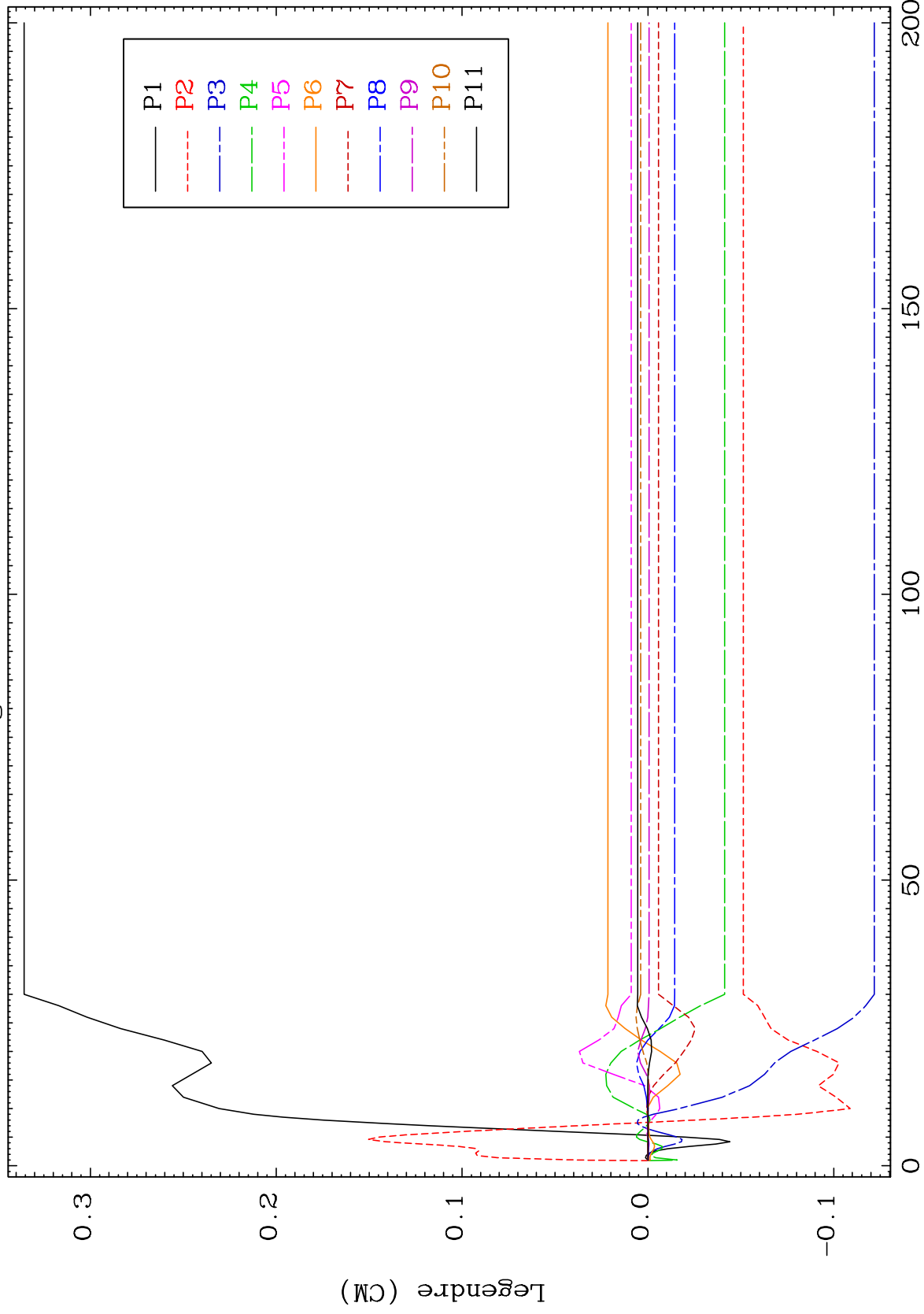
68-Er-180



MAT 6879

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

68-Er-180



46

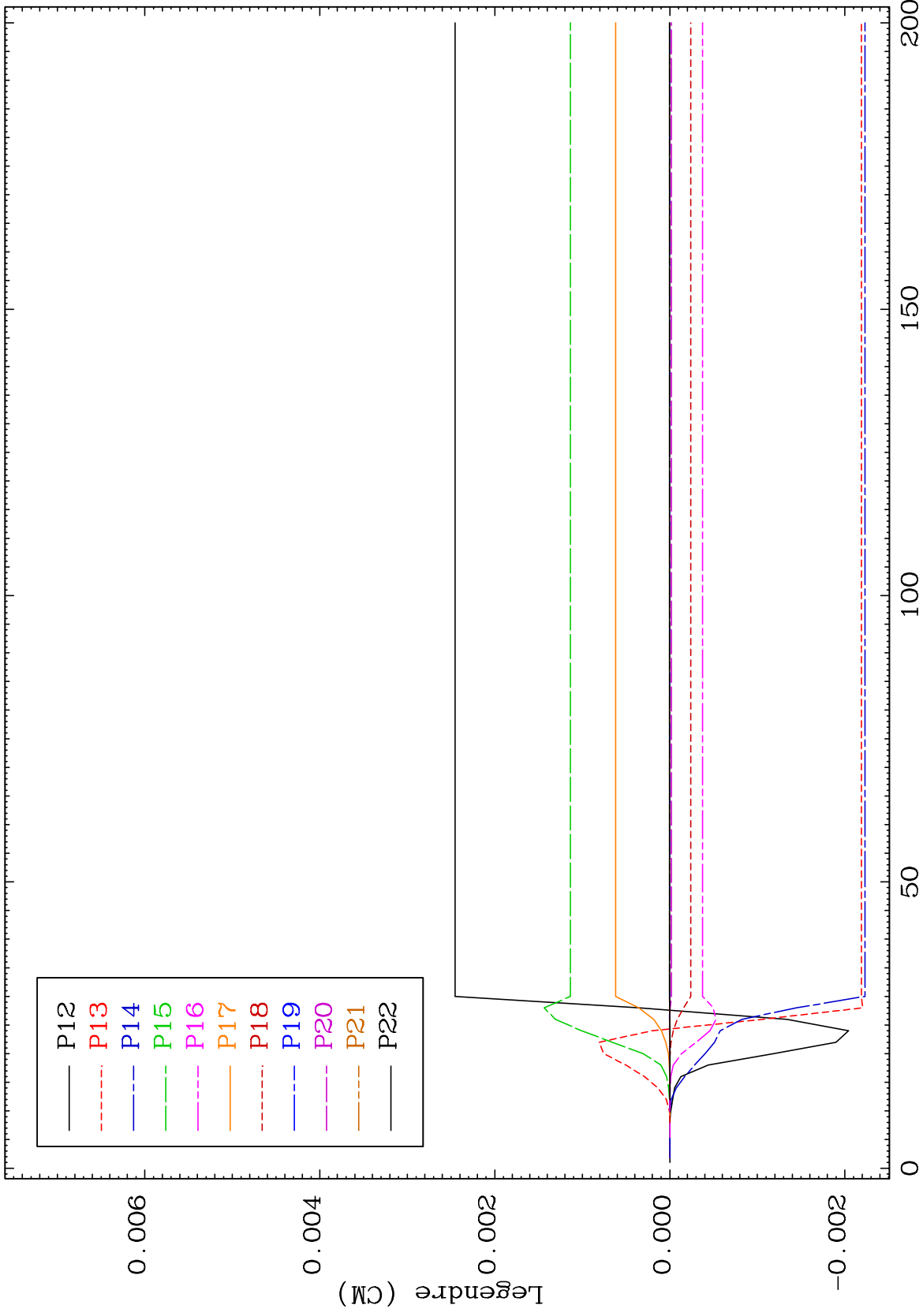
Incident Energy (MeV)

68-Er-180

MAT 6879

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

68-Er-180



47

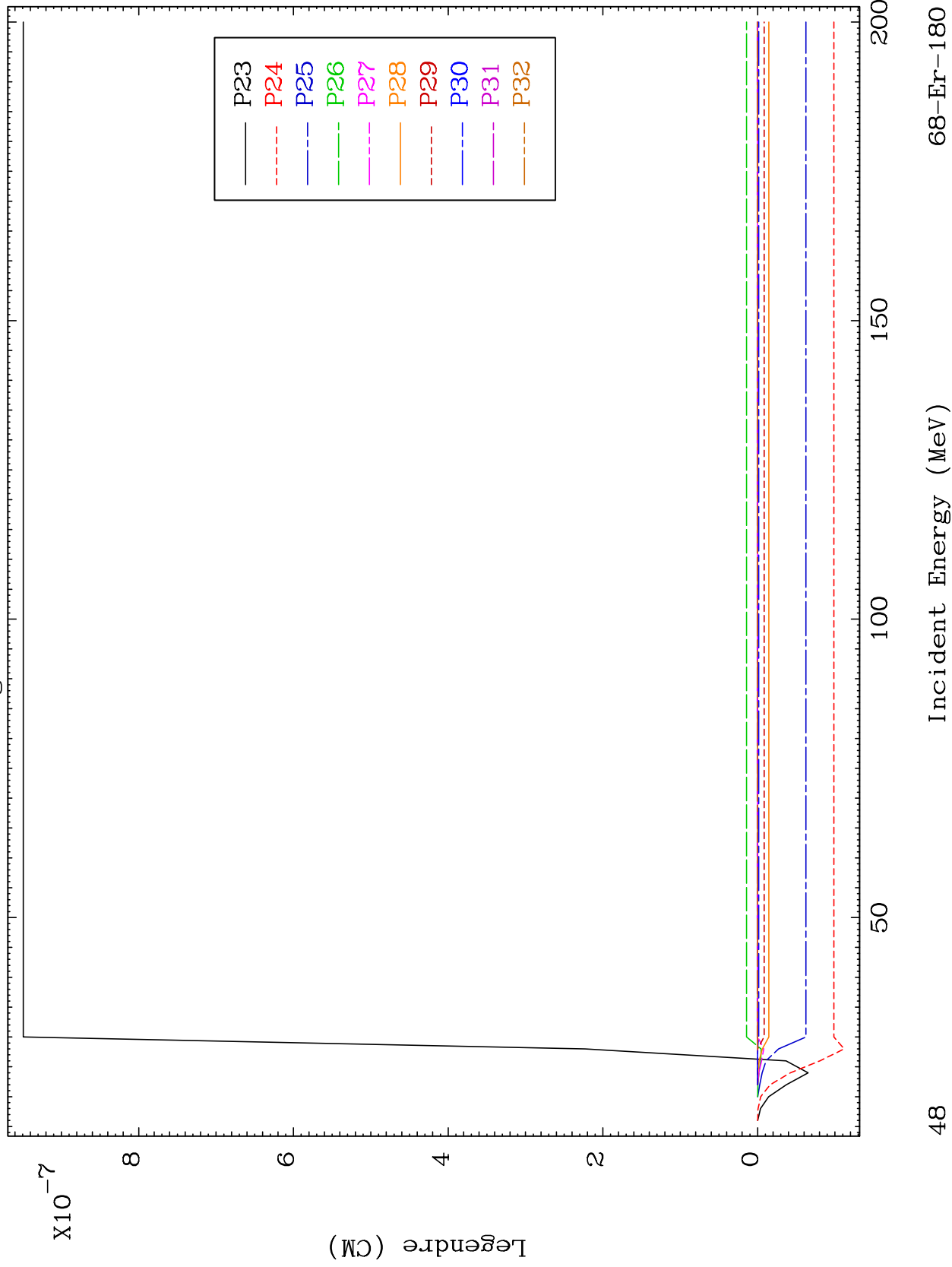
Incident Energy (MeV)

68-Er-180

MAT 6879

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

68-Er-180



48

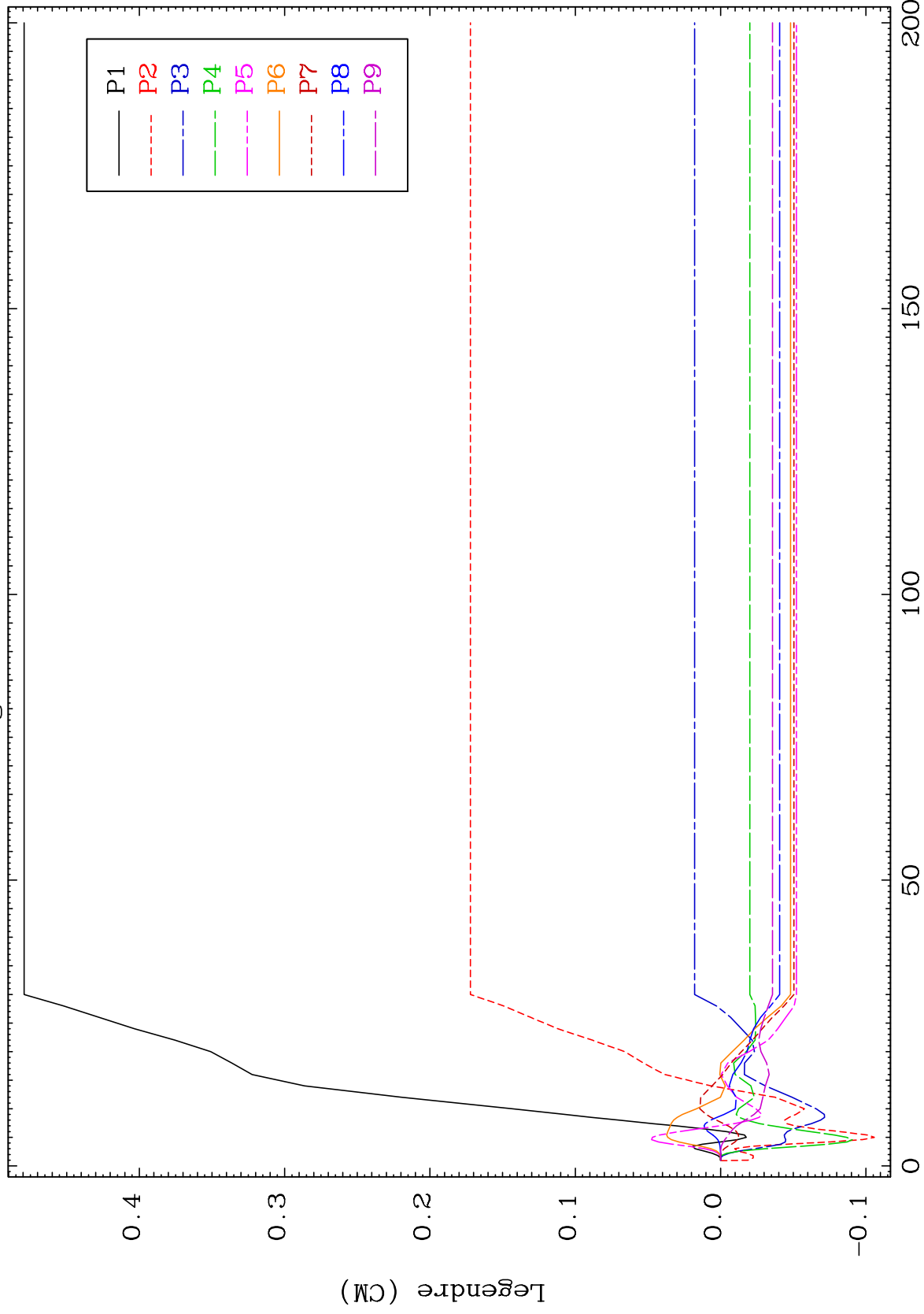
Incident Energy (MeV)

68-Er-180

MAT 6879

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

68-Er-180



49

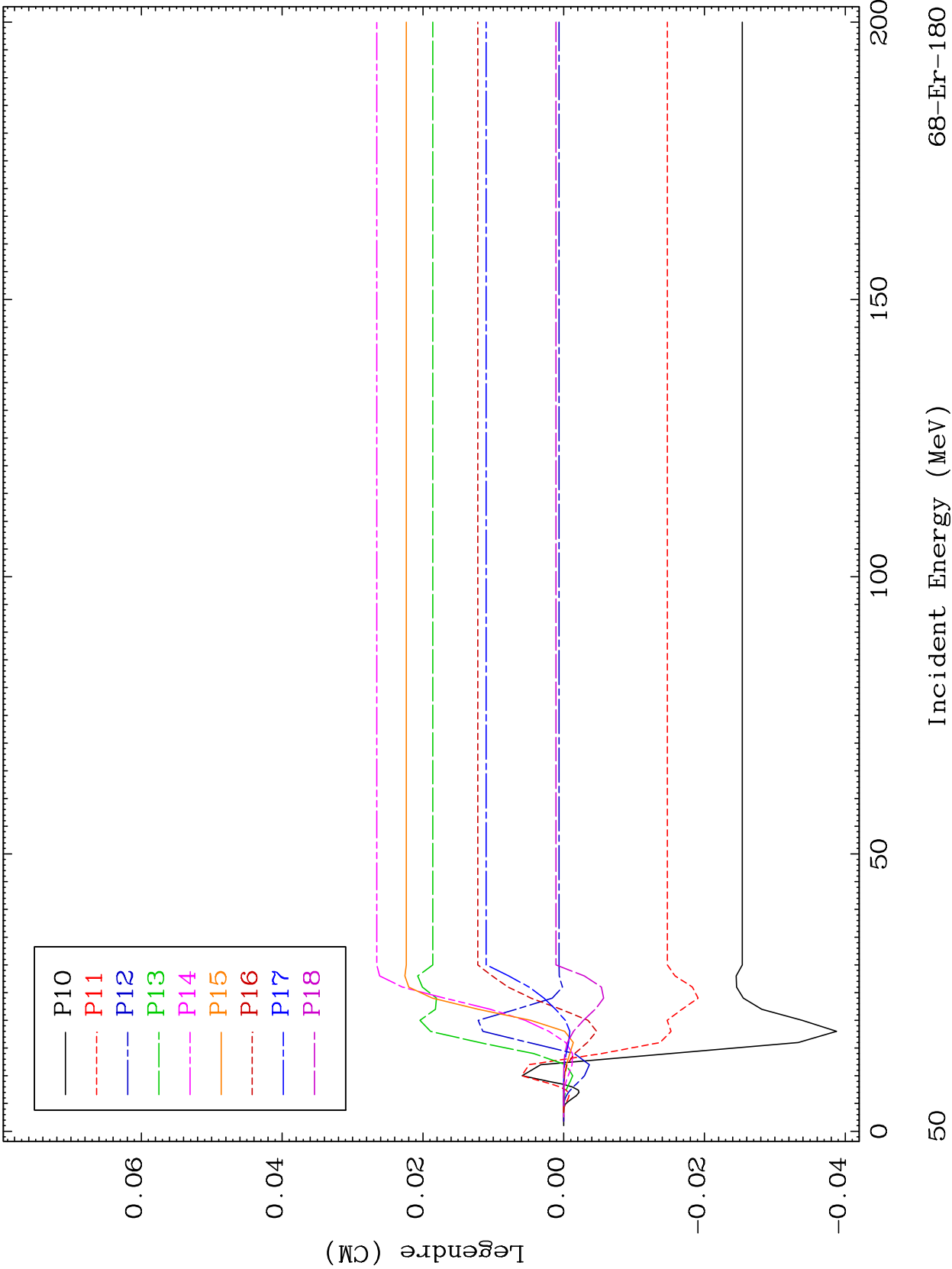
Incident Energy (MeV)

68-Er-180

MAT 6879

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

68-Er-180



68-Er-180

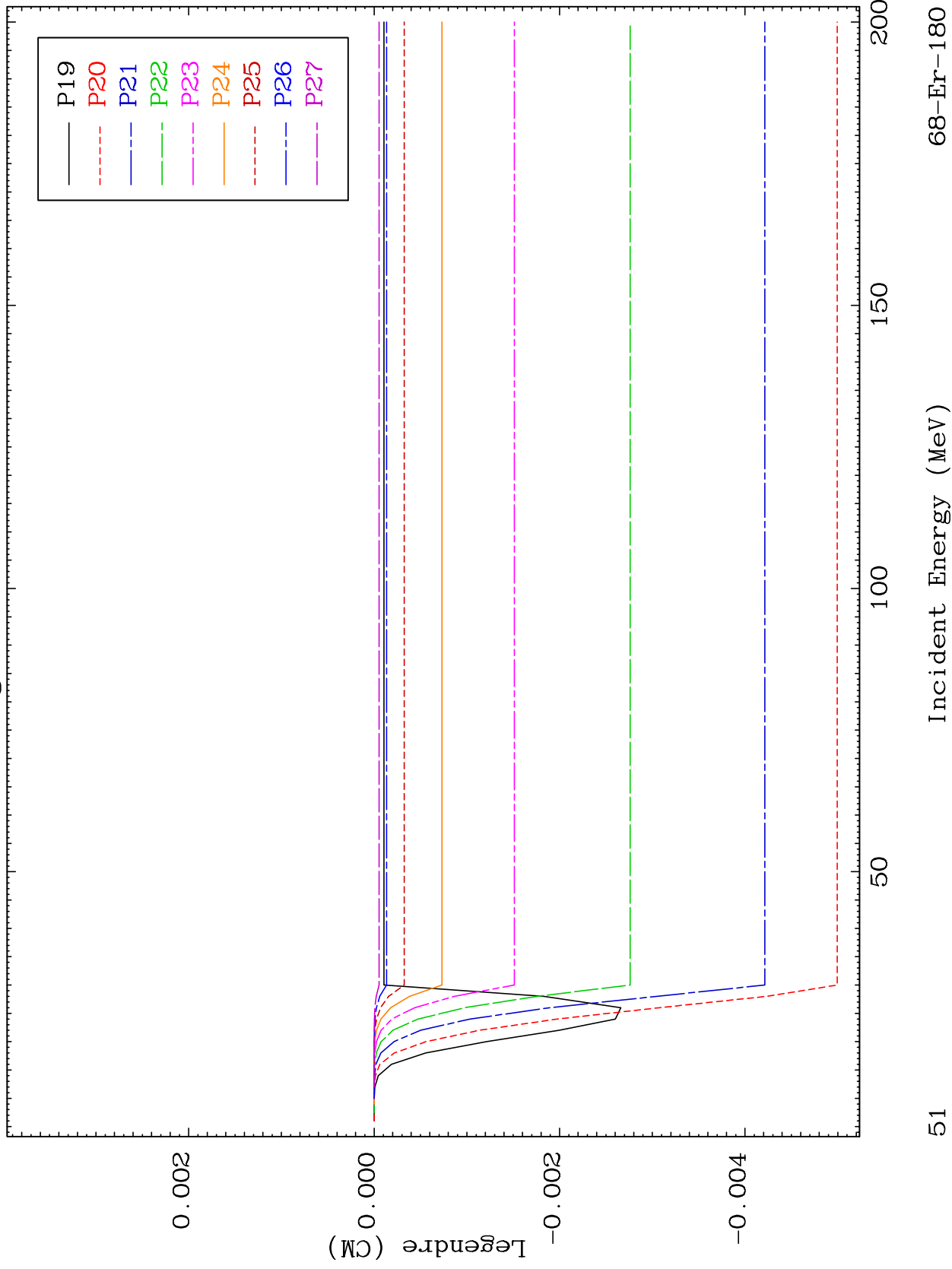
Incident Energy (MeV)

50

MAT 6879

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

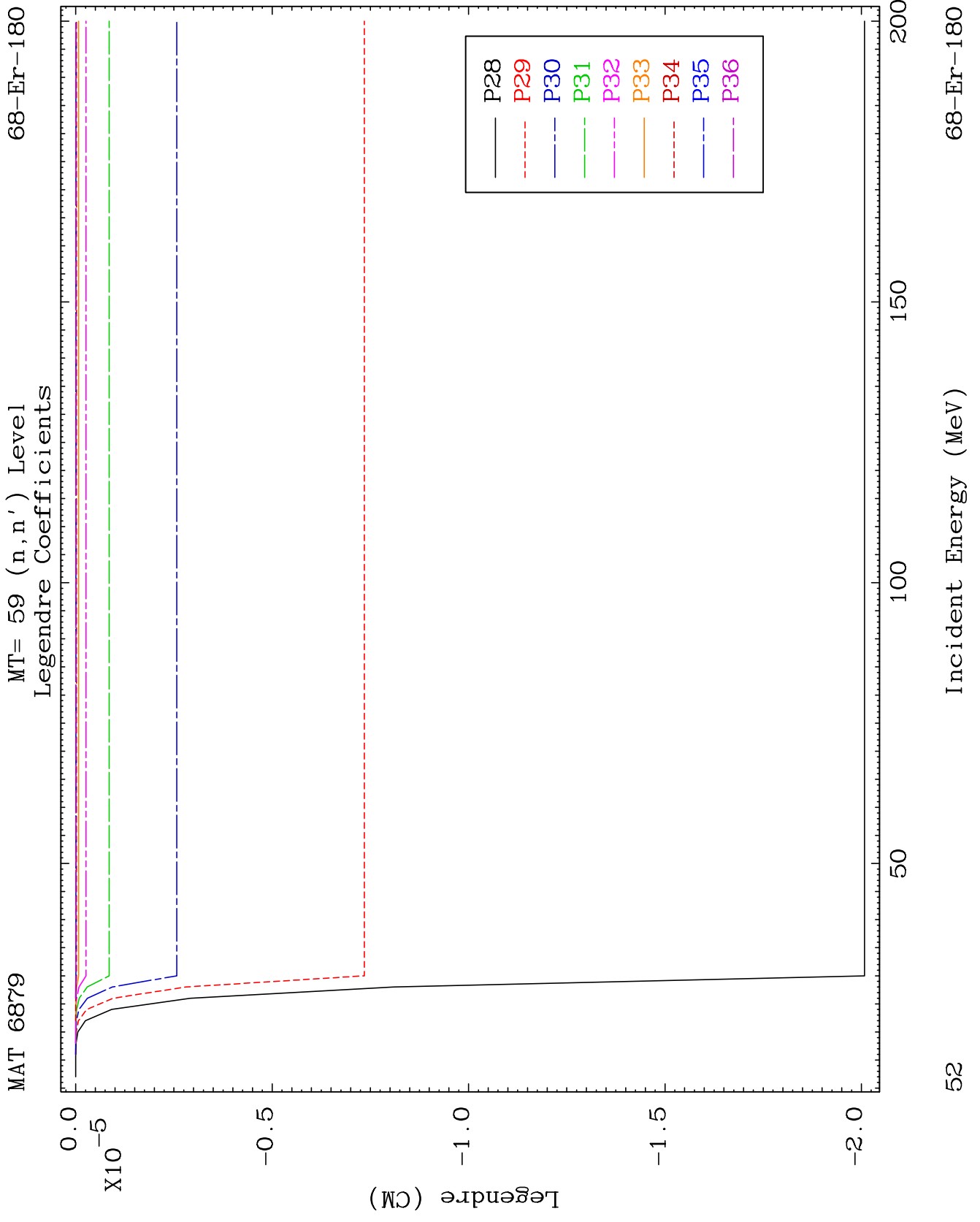
68-Er-180



51

Incident Energy (MeV)

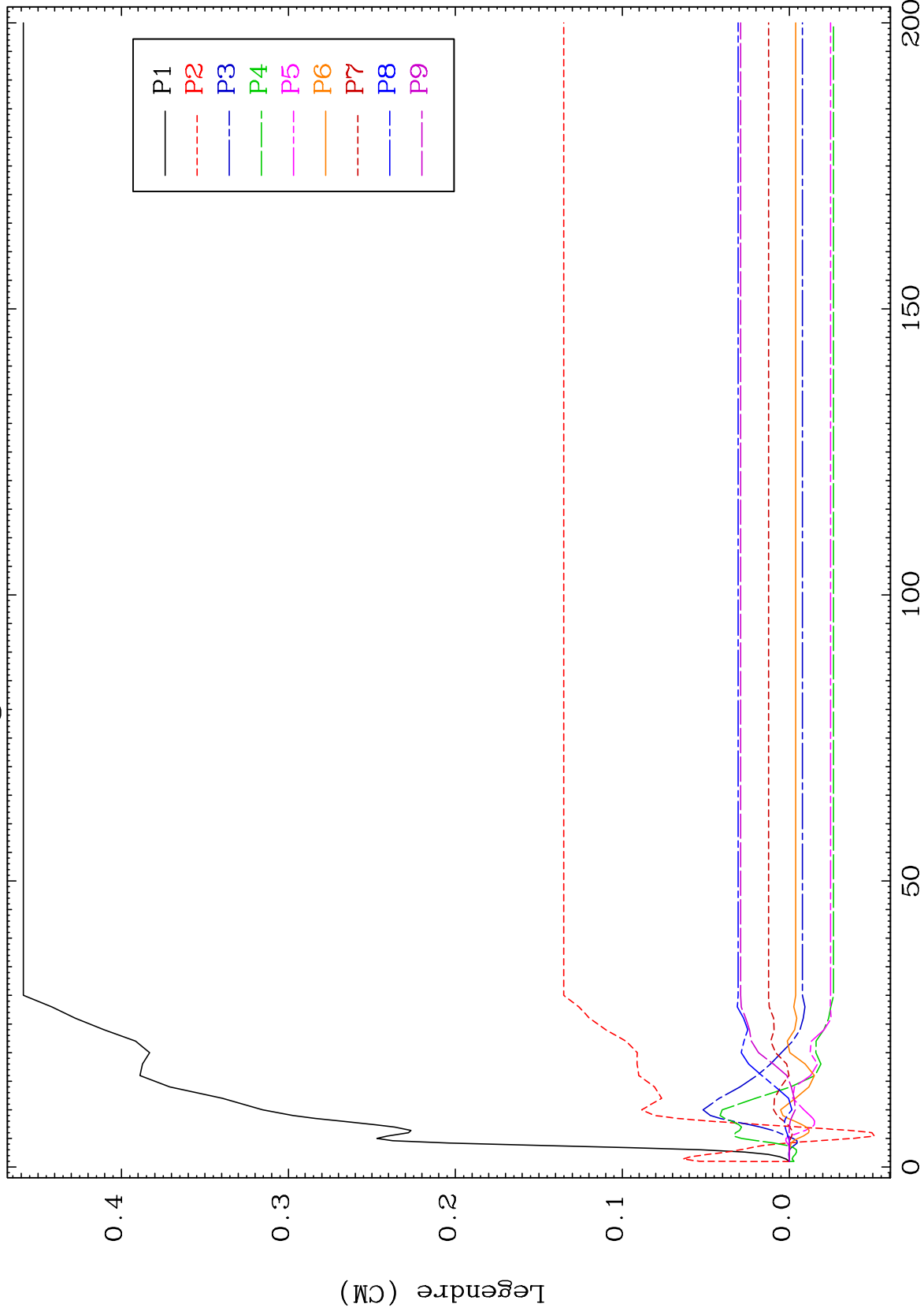
68-Er-180



MAT 6879

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

68-Er-180



53

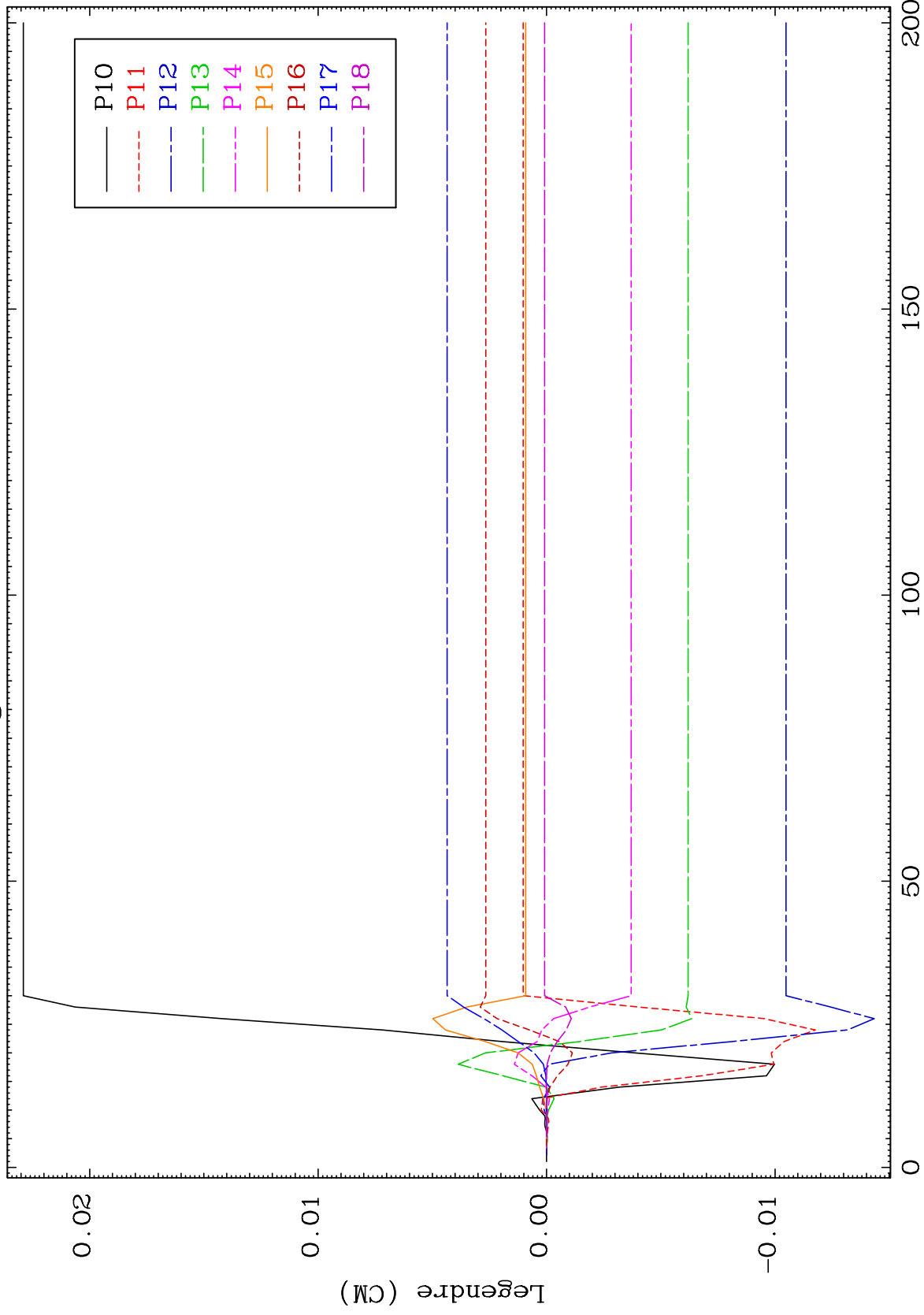
Incident Energy (MeV)

68-Er-180

MAT 6879

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

68-Er-180



68-Er-180

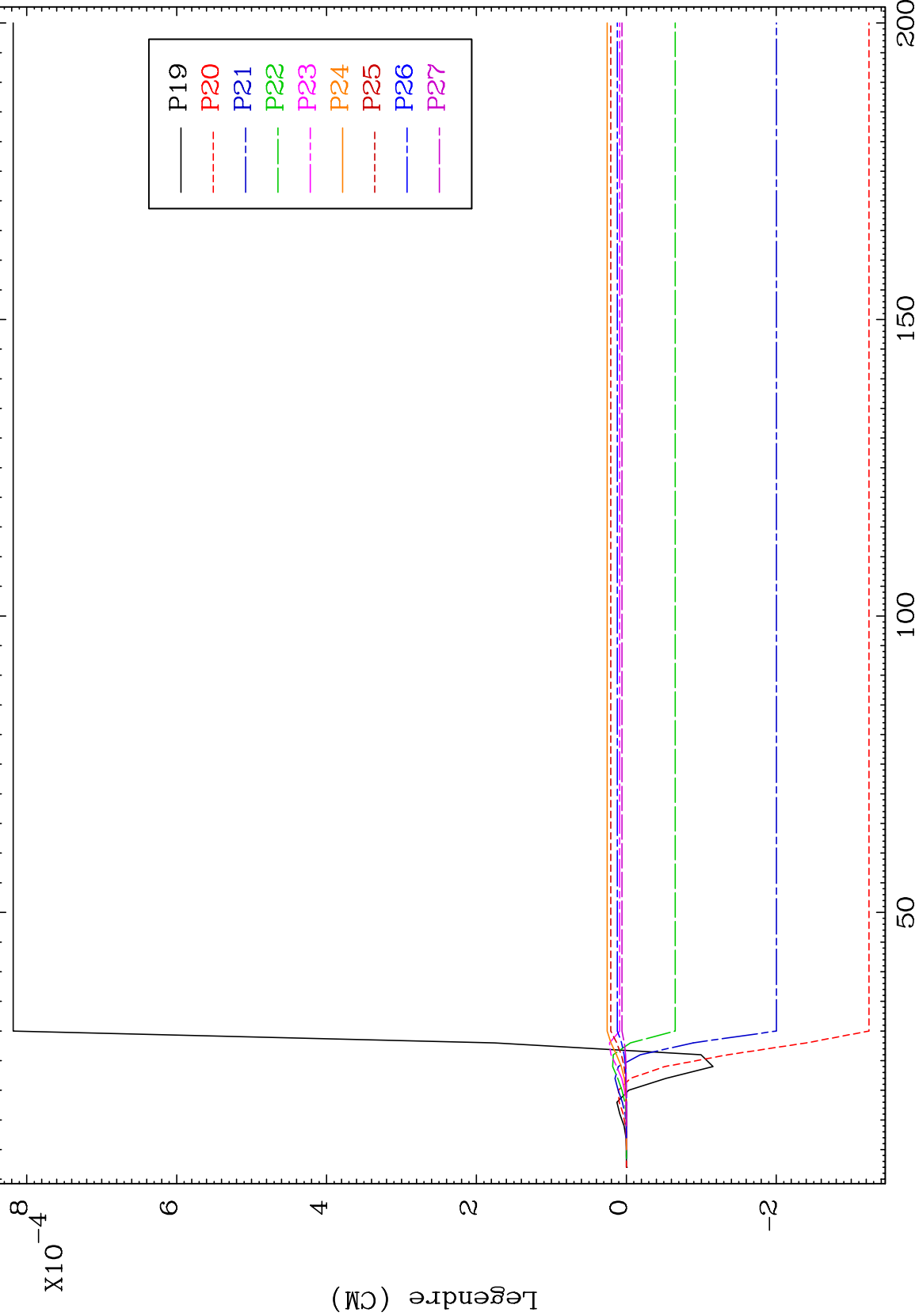
Incident Energy (MeV)

54

MAT 6879

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

68-Er-180



55

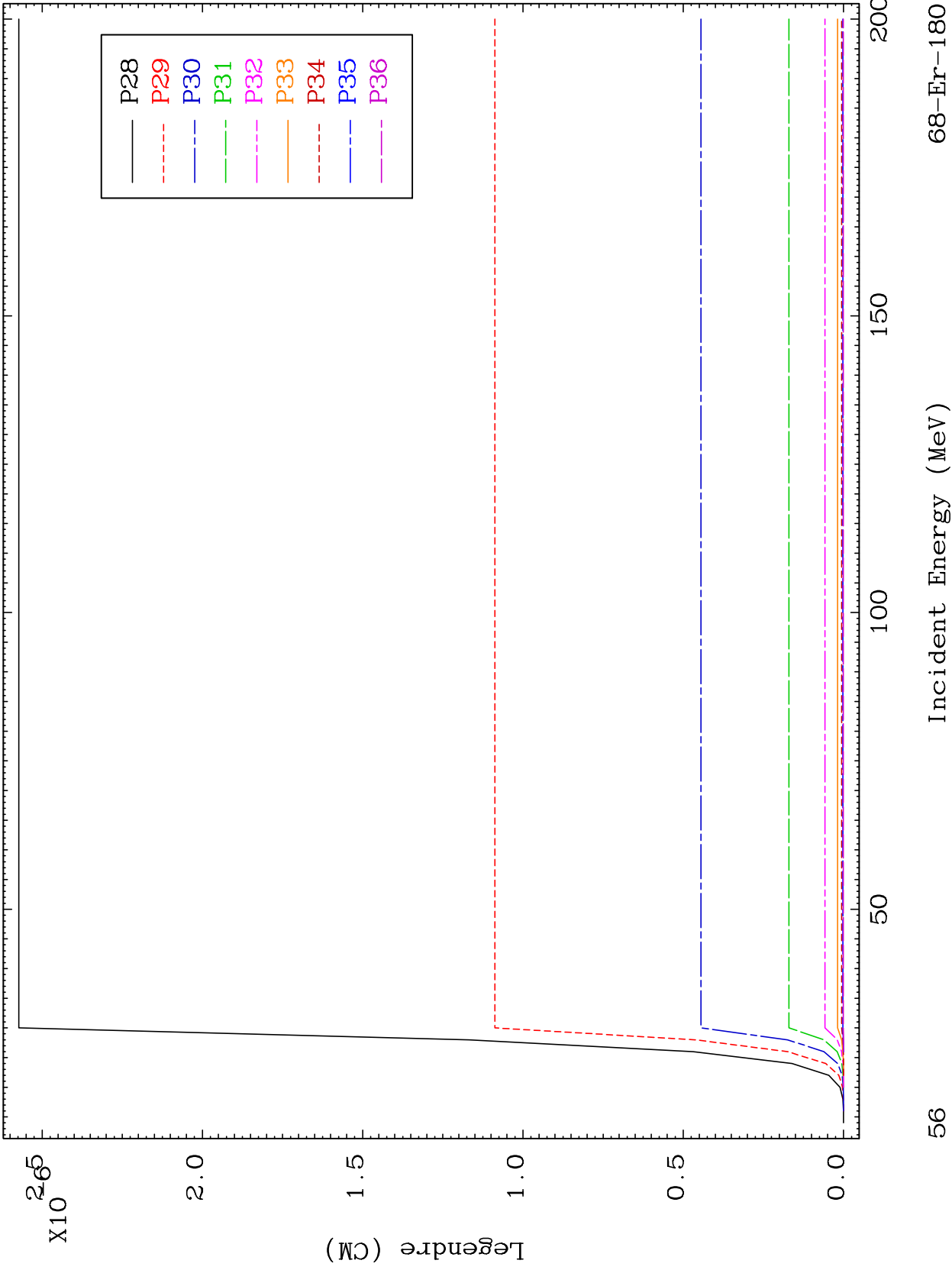
Incident Energy (MeV)

68-Er-180

MAT 6879

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

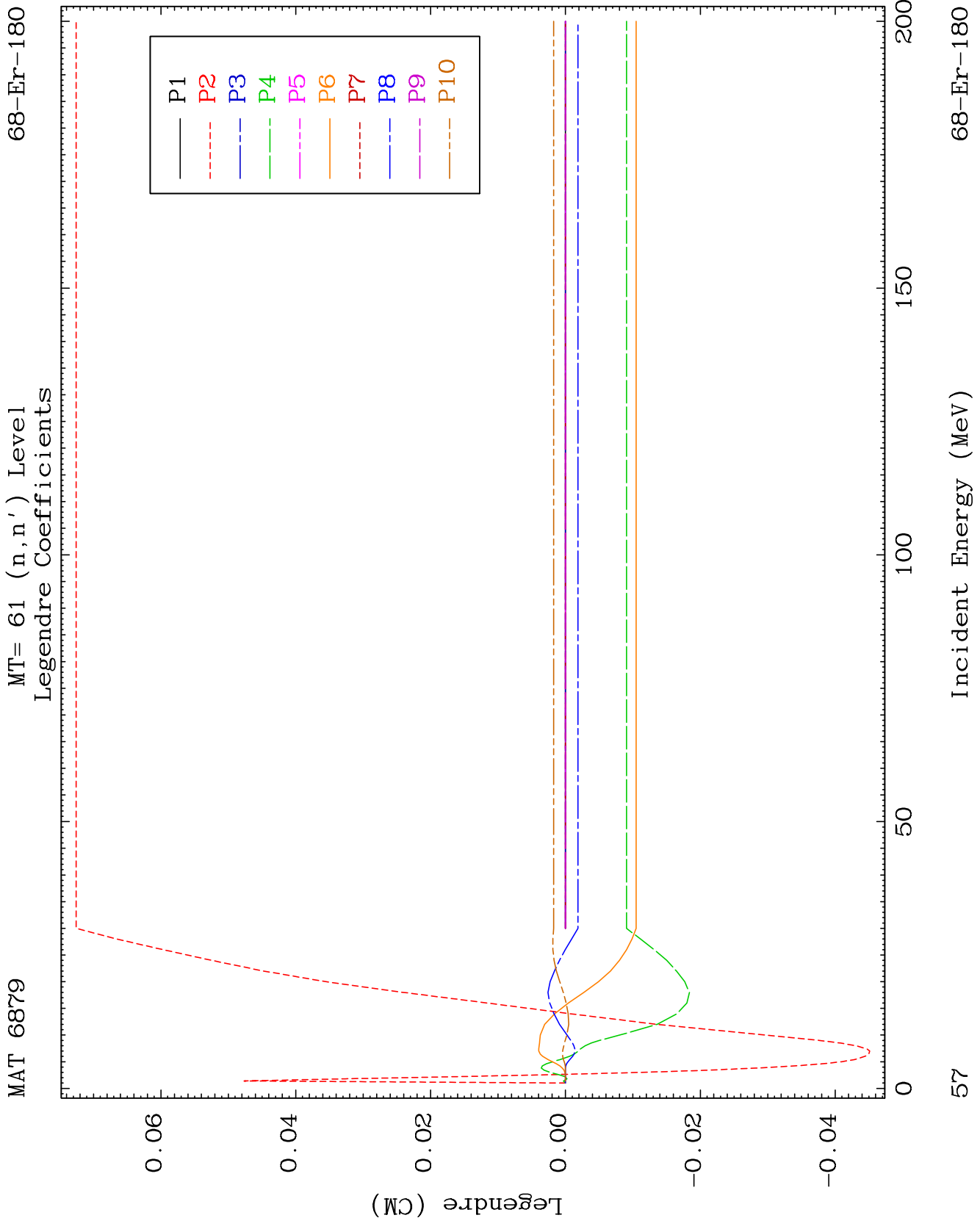
68-Er-180



56

Incident Energy (MeV)

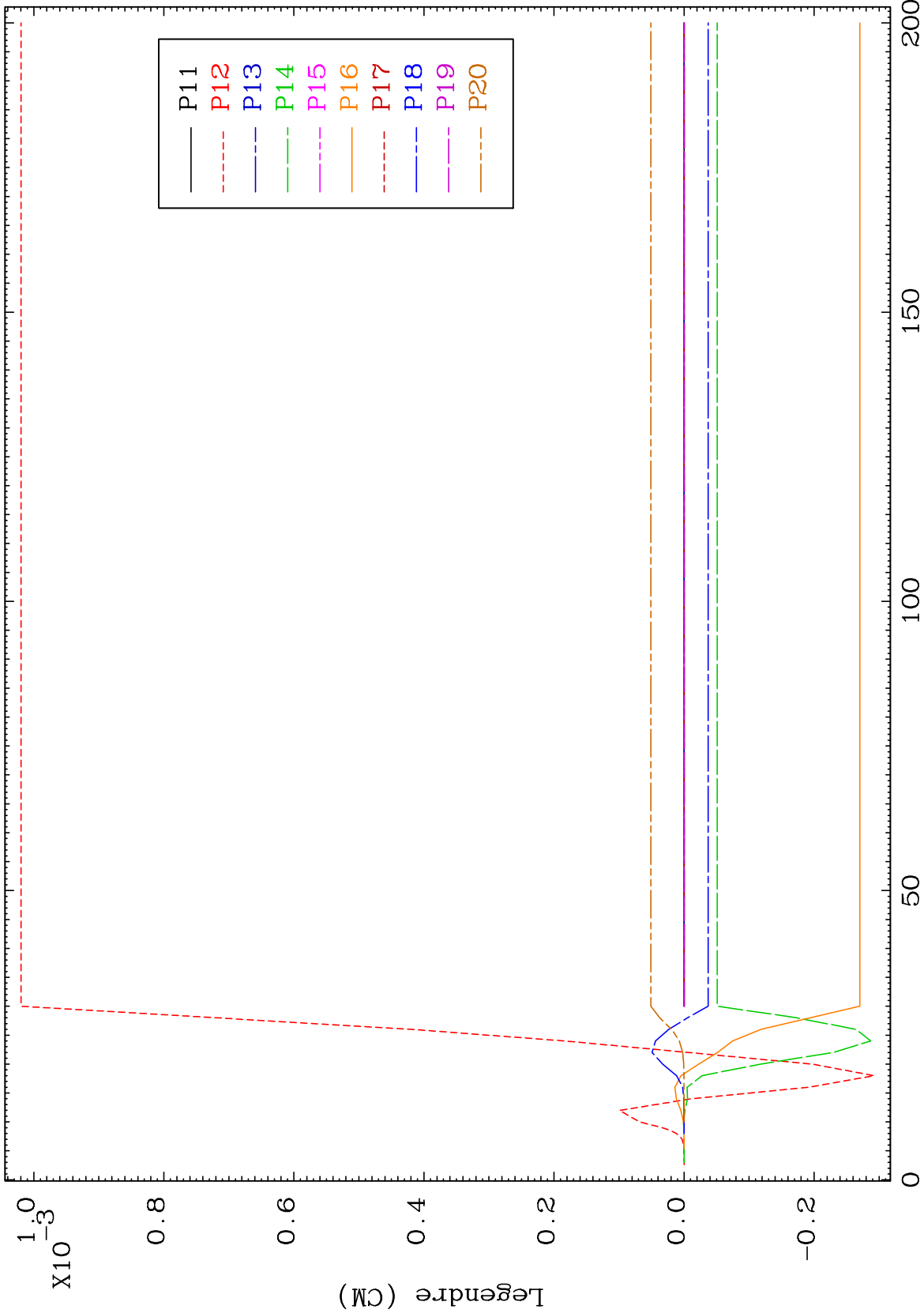
68-Er-180



MAT 6879

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

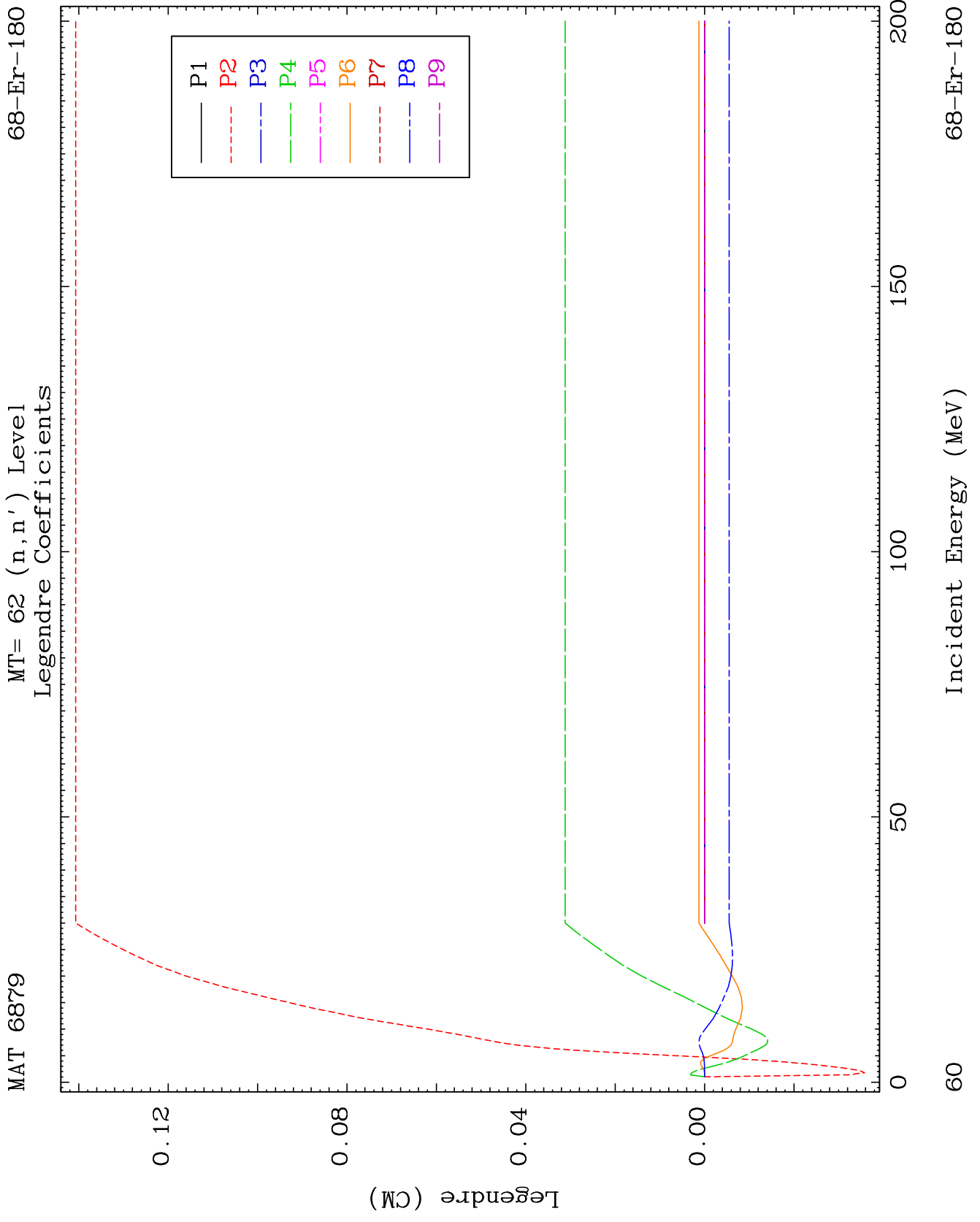
68-Er-180



58

Incident Energy (MeV)

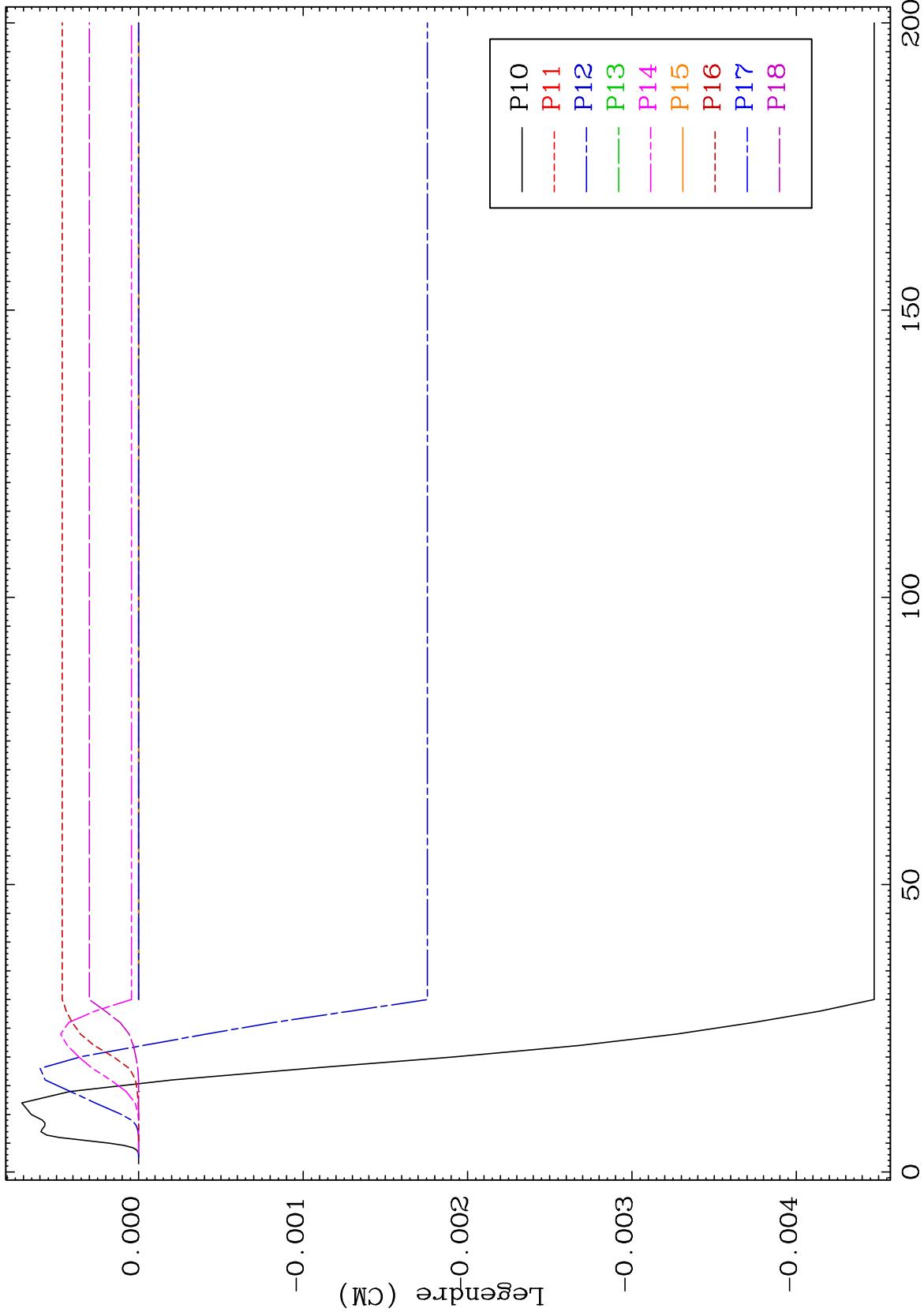
68-Er-180



MAT 6879

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

68-Er-180



61

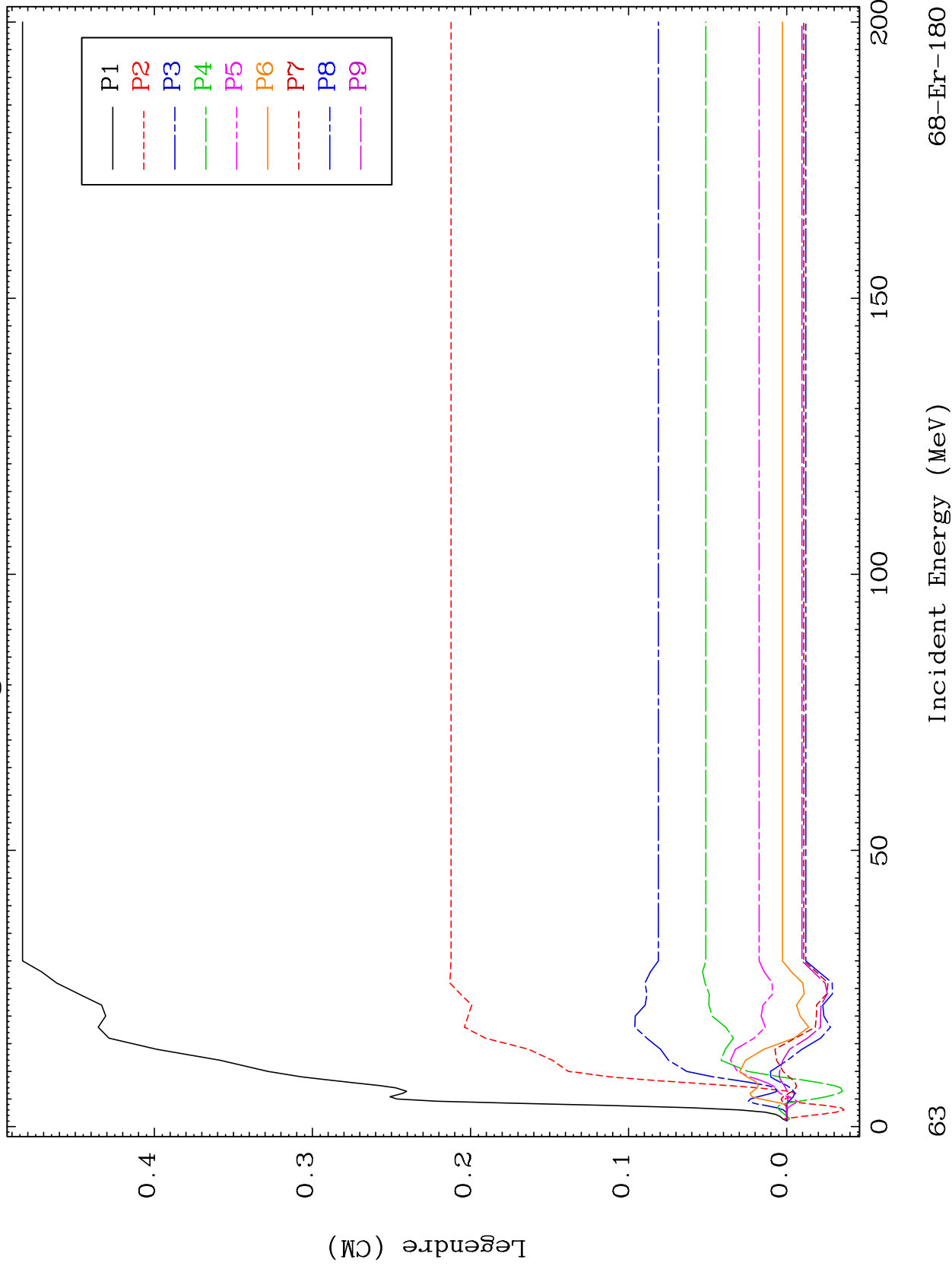
Incident Energy (MeV)

68-Er-180

MAT 6879

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

68-Er-180



68-Er-180

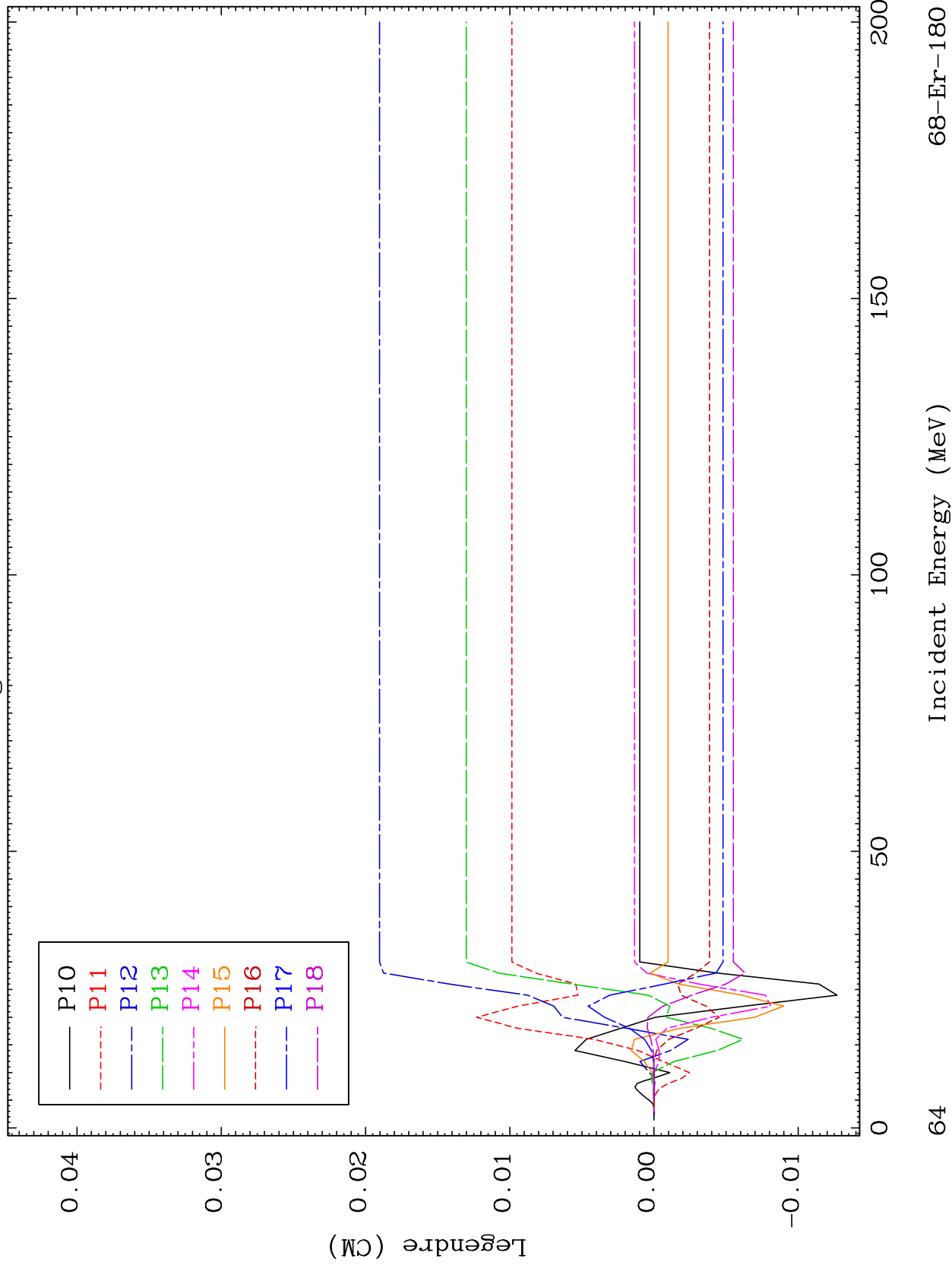
Incident Energy (MeV)

63

MAT 6879

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

68-Er-180



68-Er-180

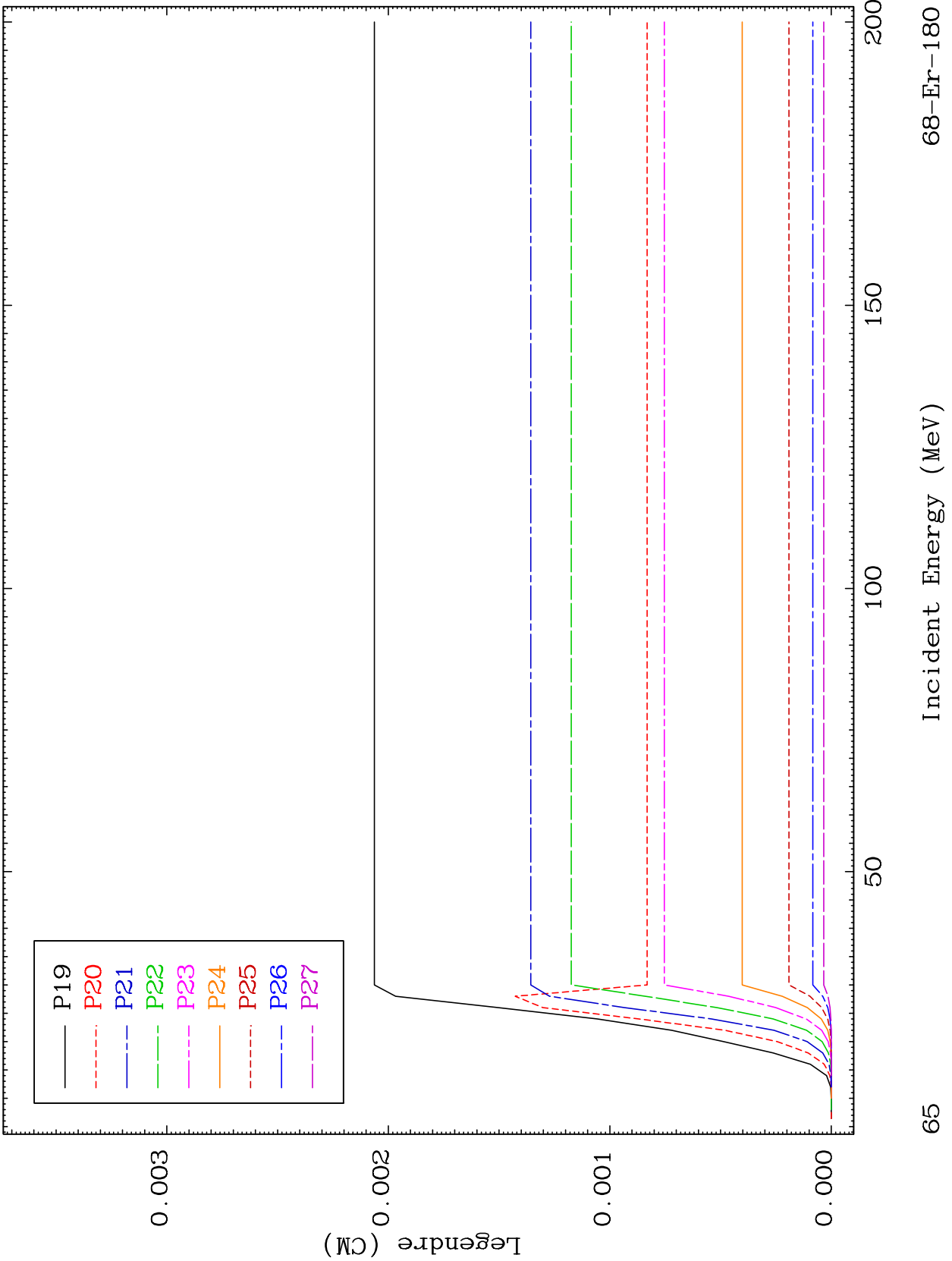
Incident Energy (MeV)

64

MAT 6879

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

68-Er-180



65

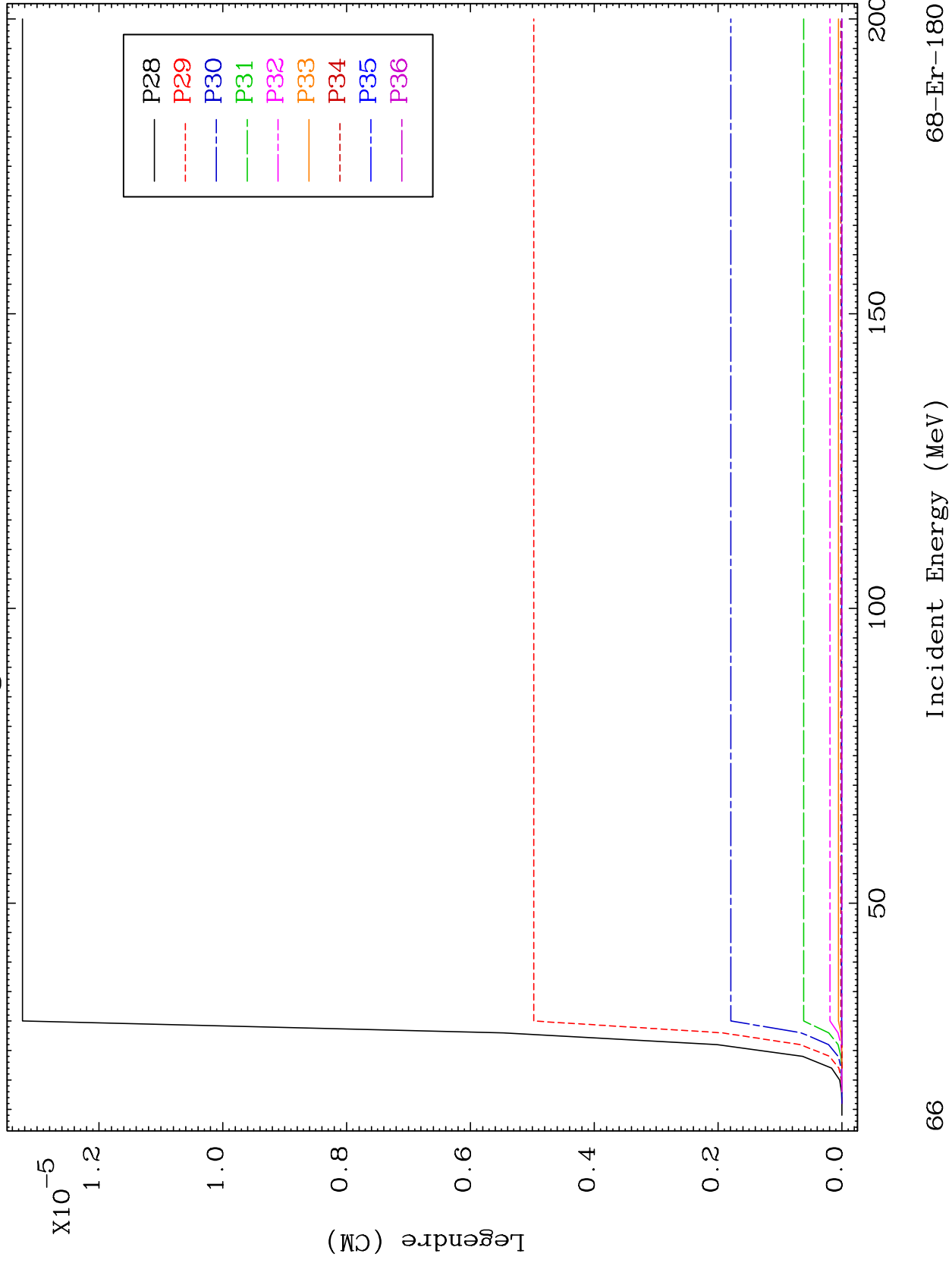
Incident Energy (MeV)

68-Er-180

MAT 6879

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

68-Er-180



66

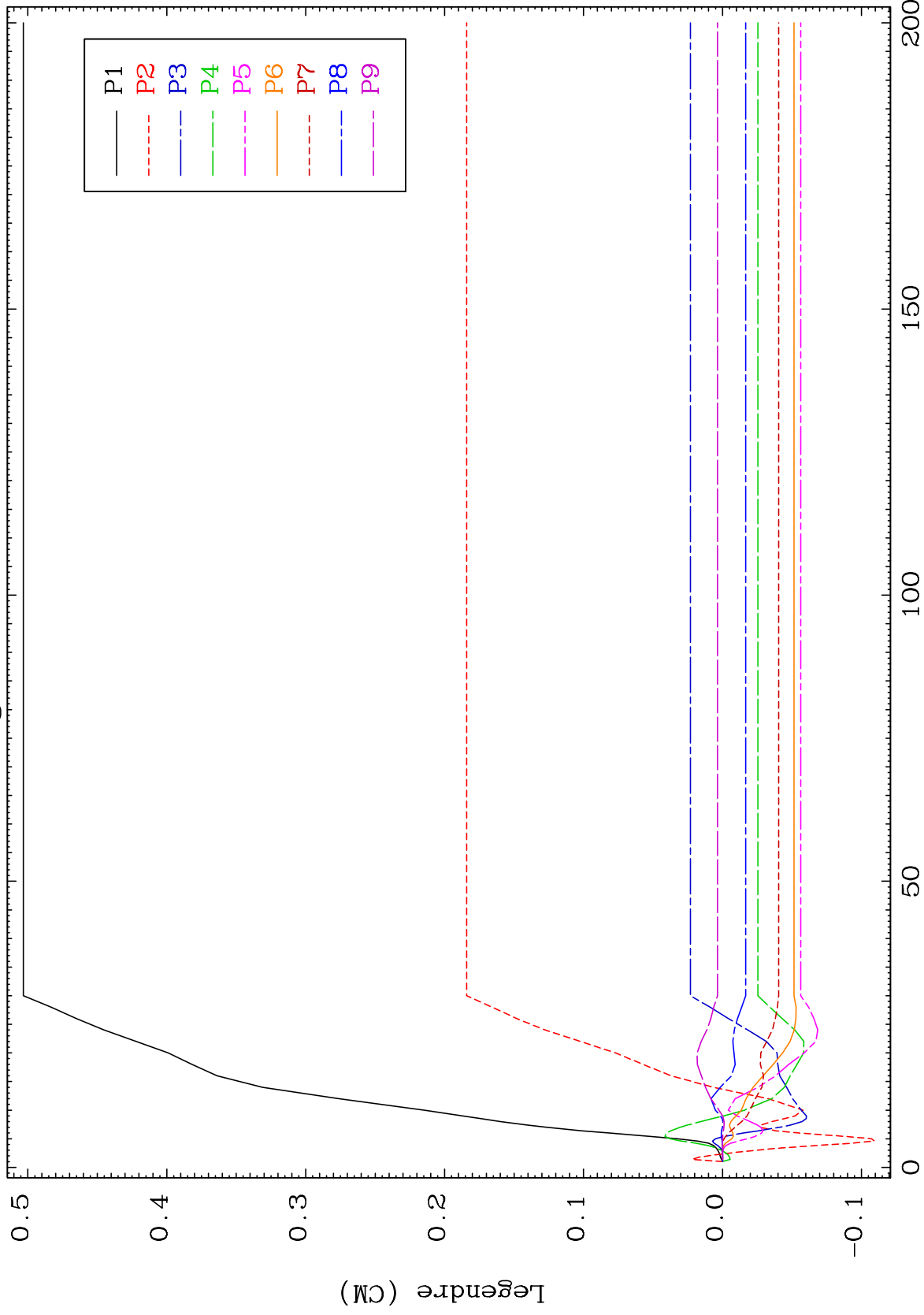
Incident Energy (MeV)

68-Er-180

MAT 6879

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

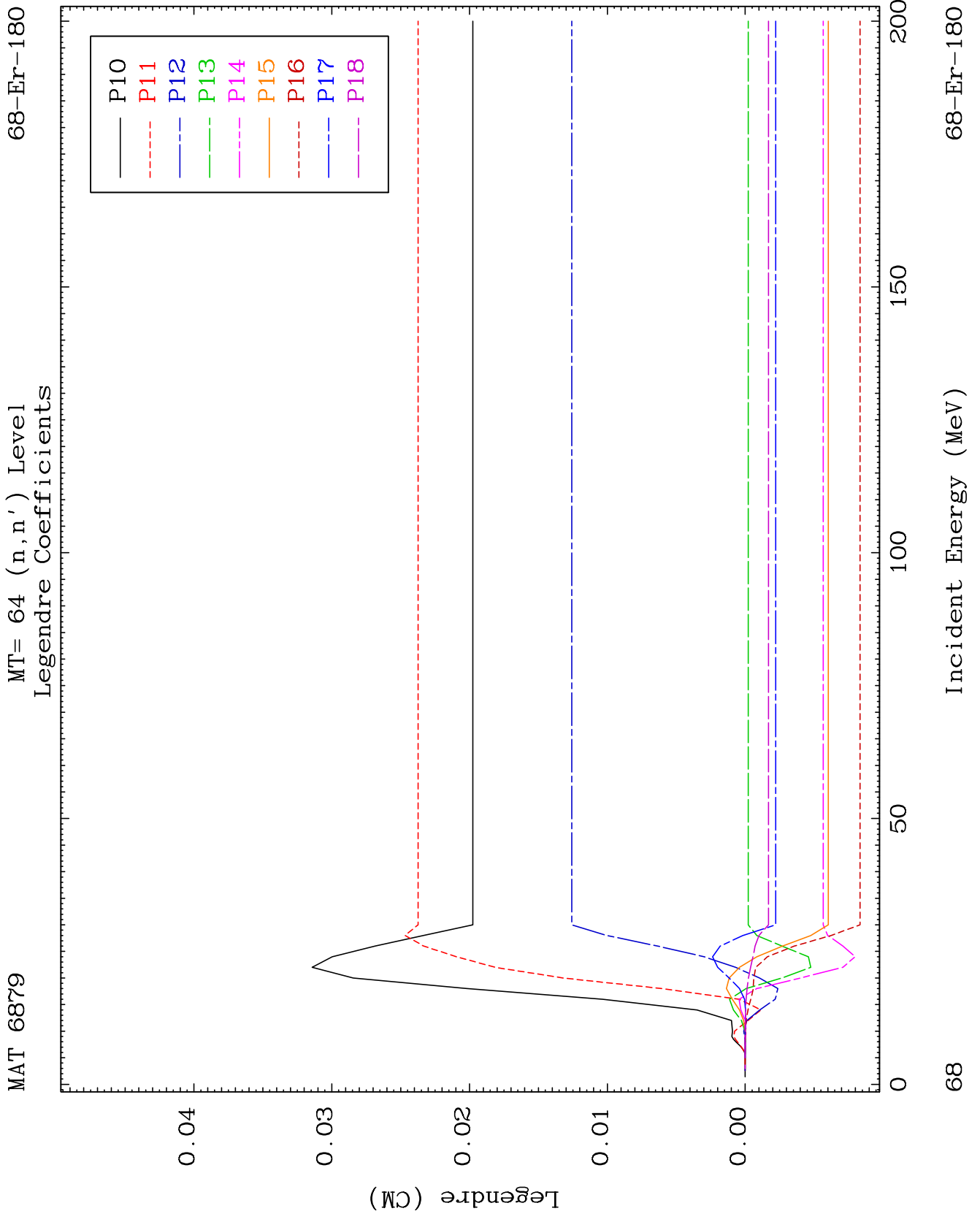
68-Er-180



67

Incident Energy (MeV)

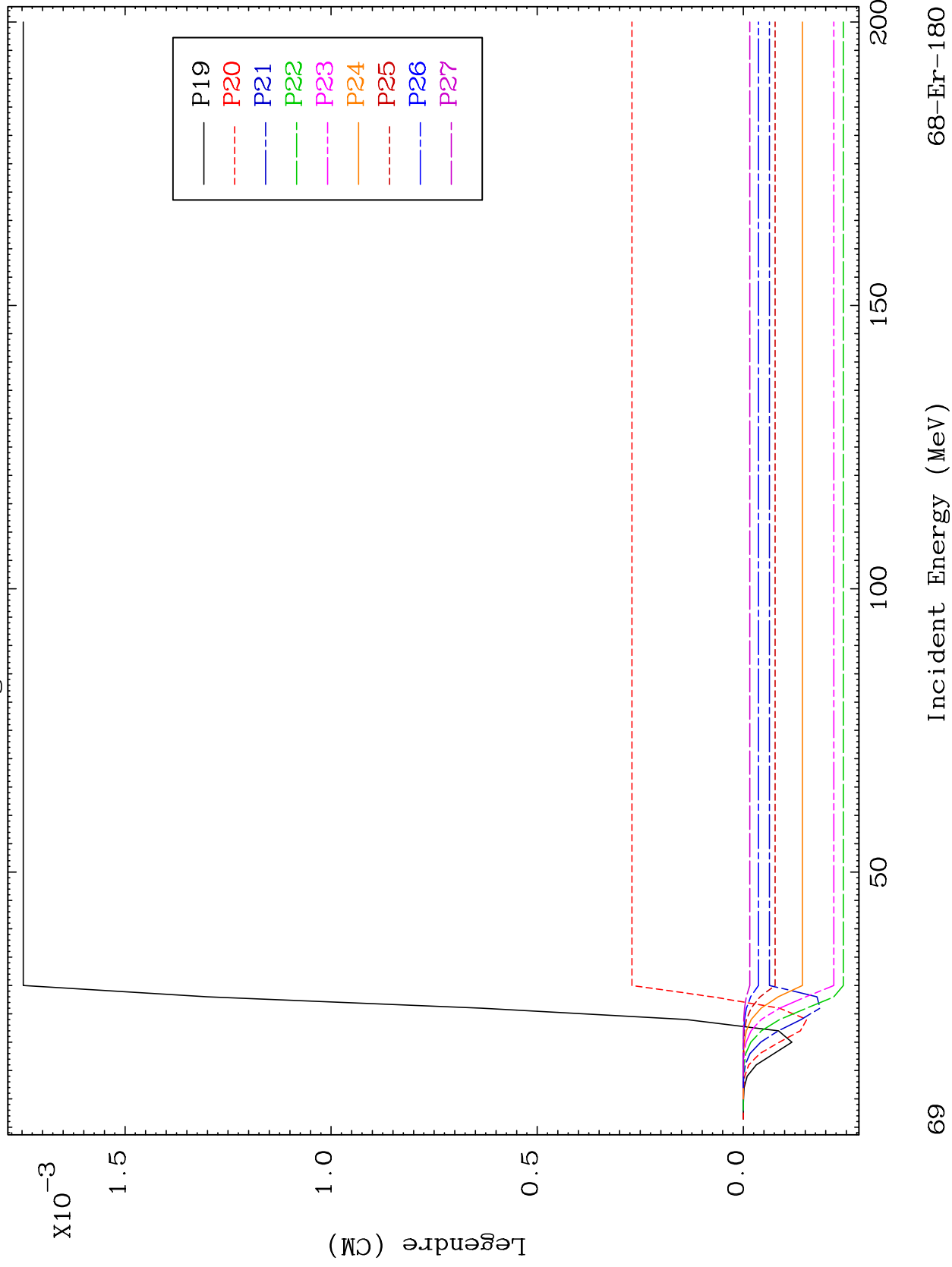
68-Er-180



MAT 6879

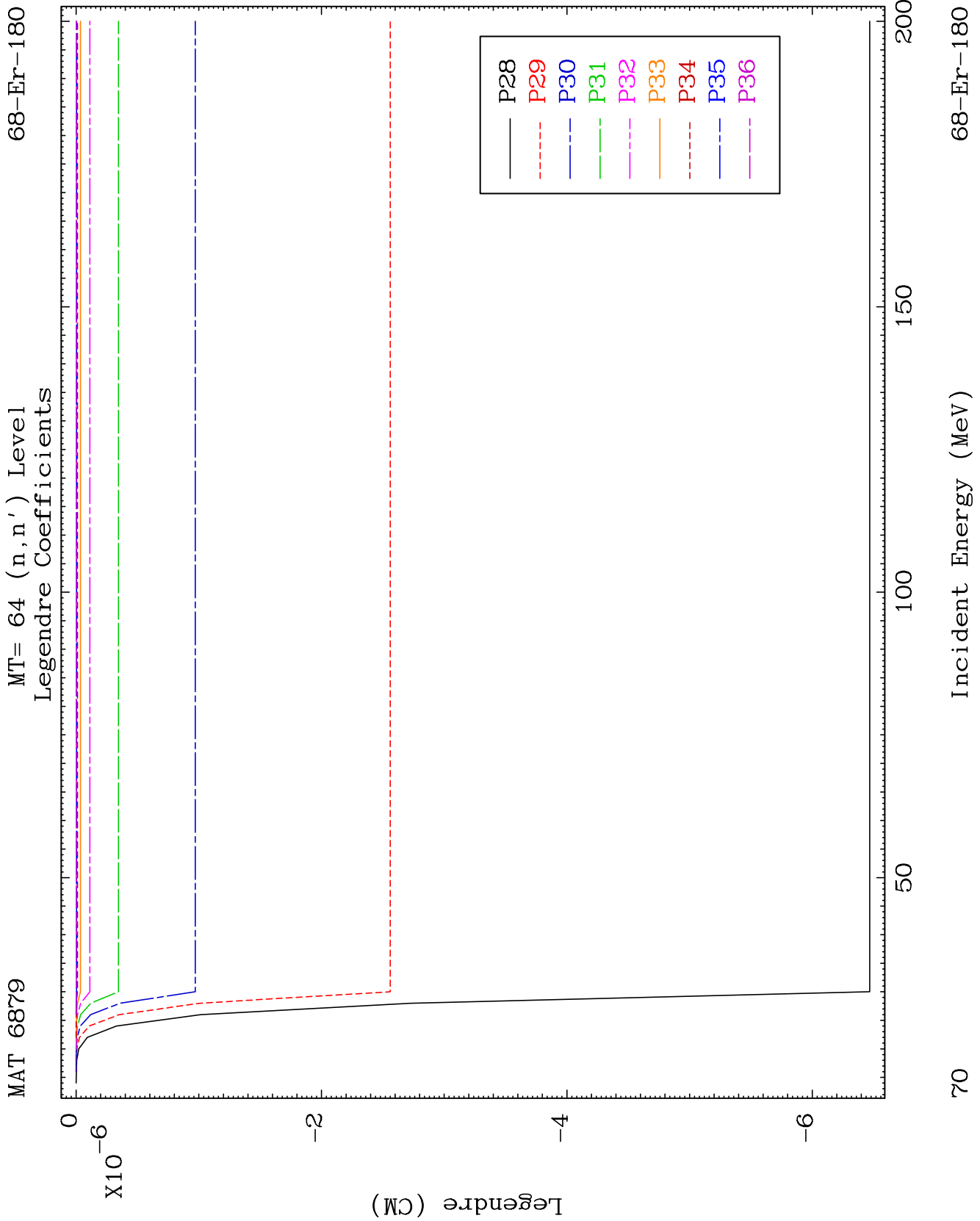
MT= 64 (n,n') Level
Legendre Coefficients

68-Er-180



69

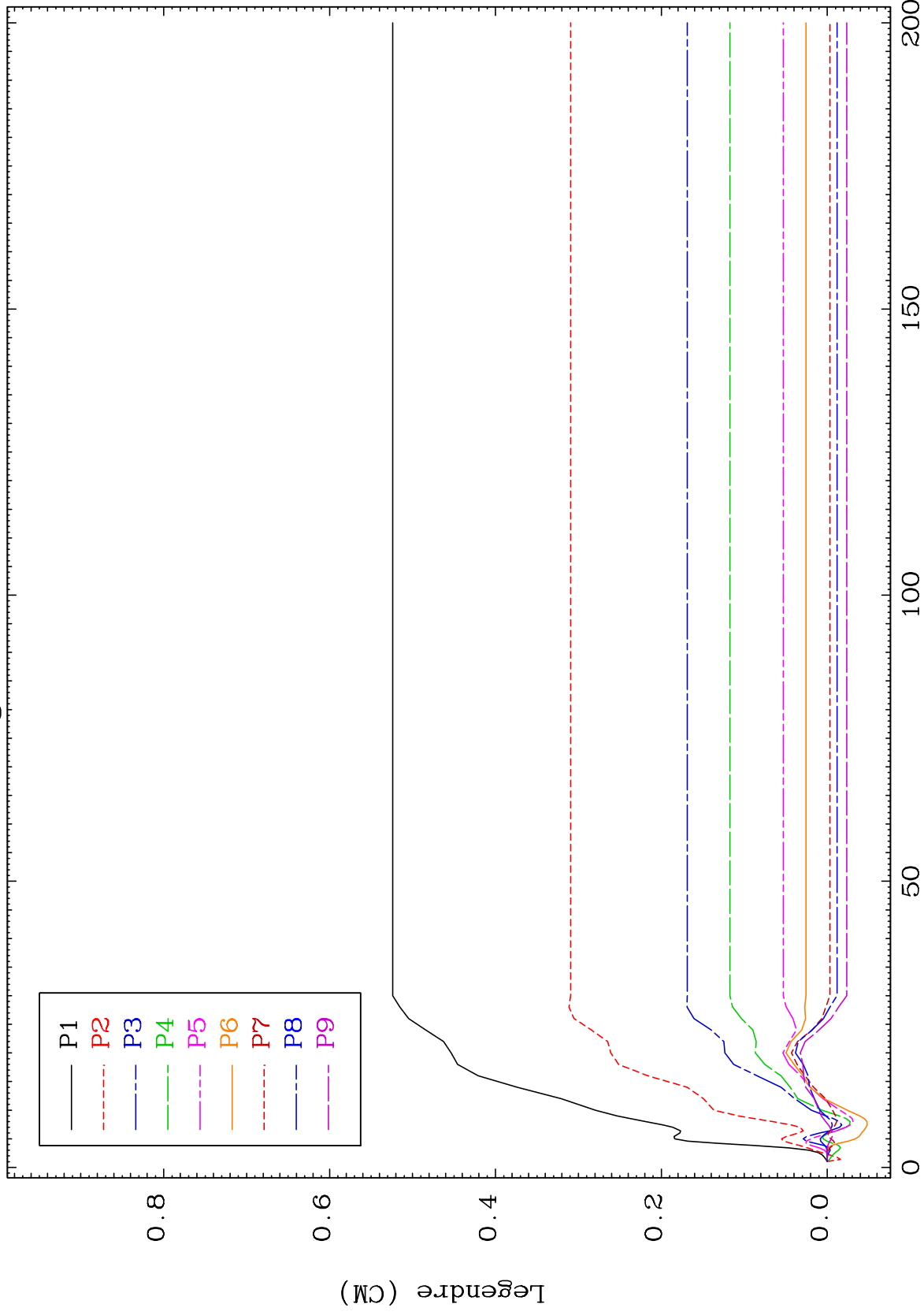
68-Er-180



MAT 6879

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

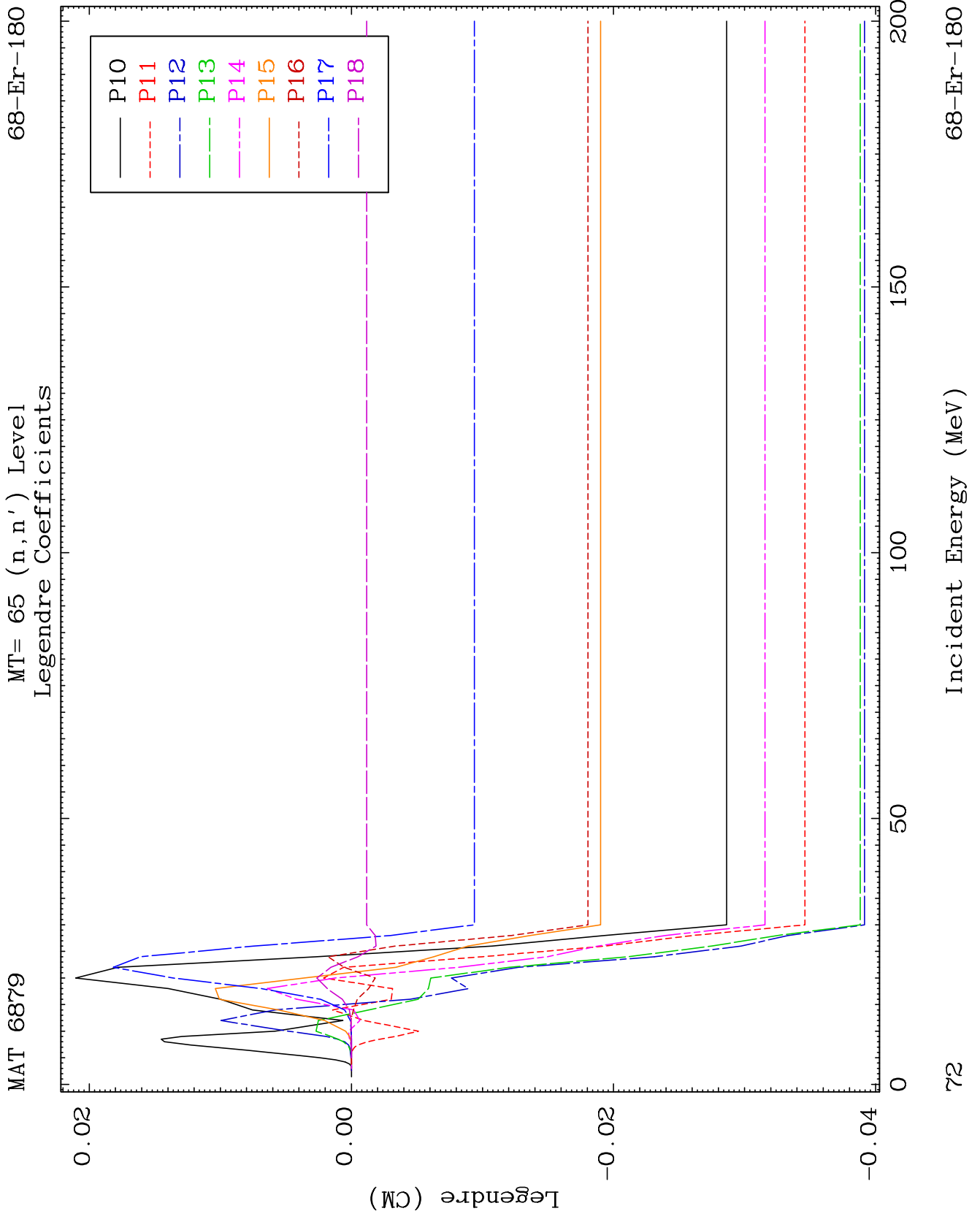
68-Er-180



71

Incident Energy (MeV)

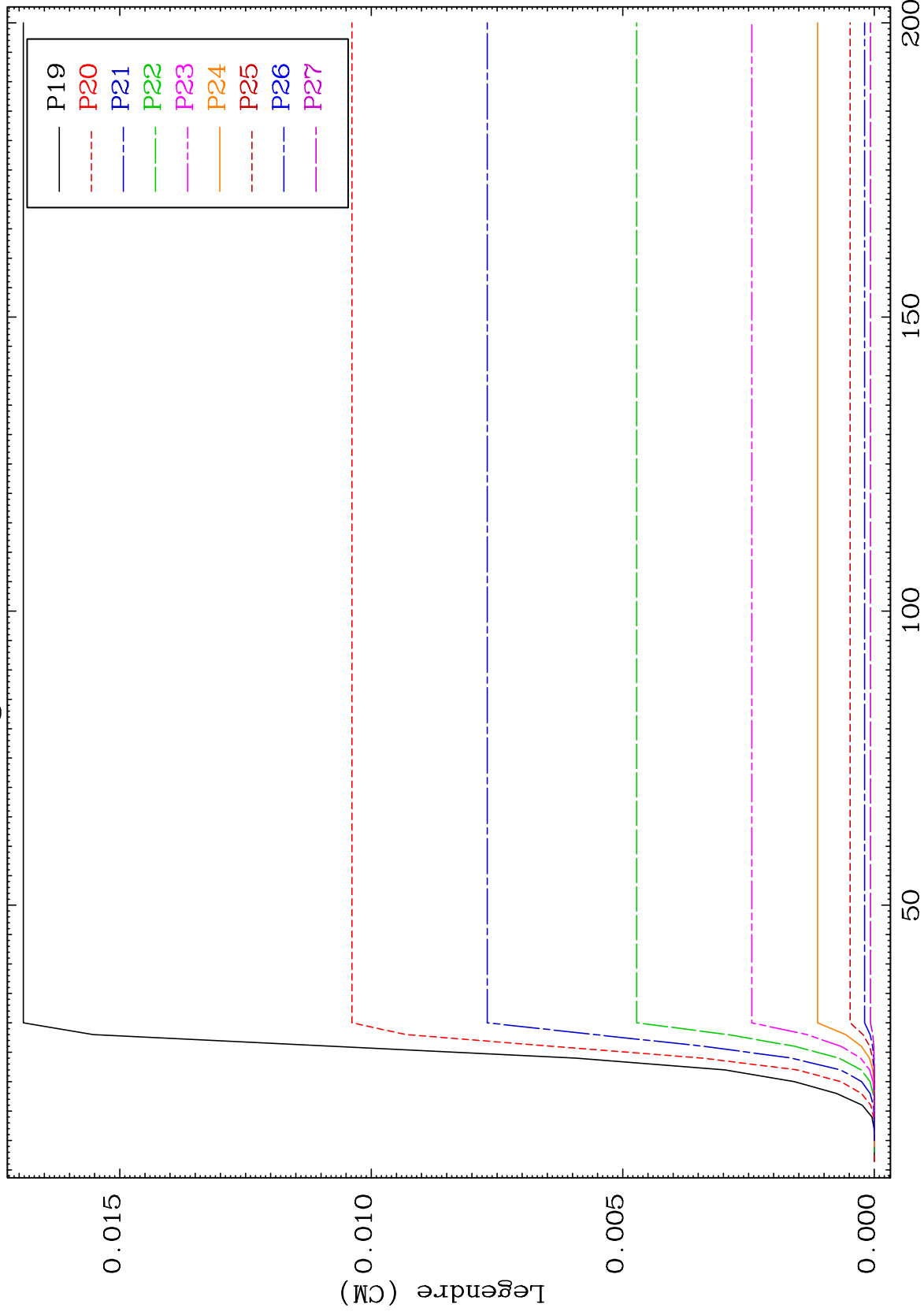
68-Er-180



MAT 6879

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

68-Er-180



73

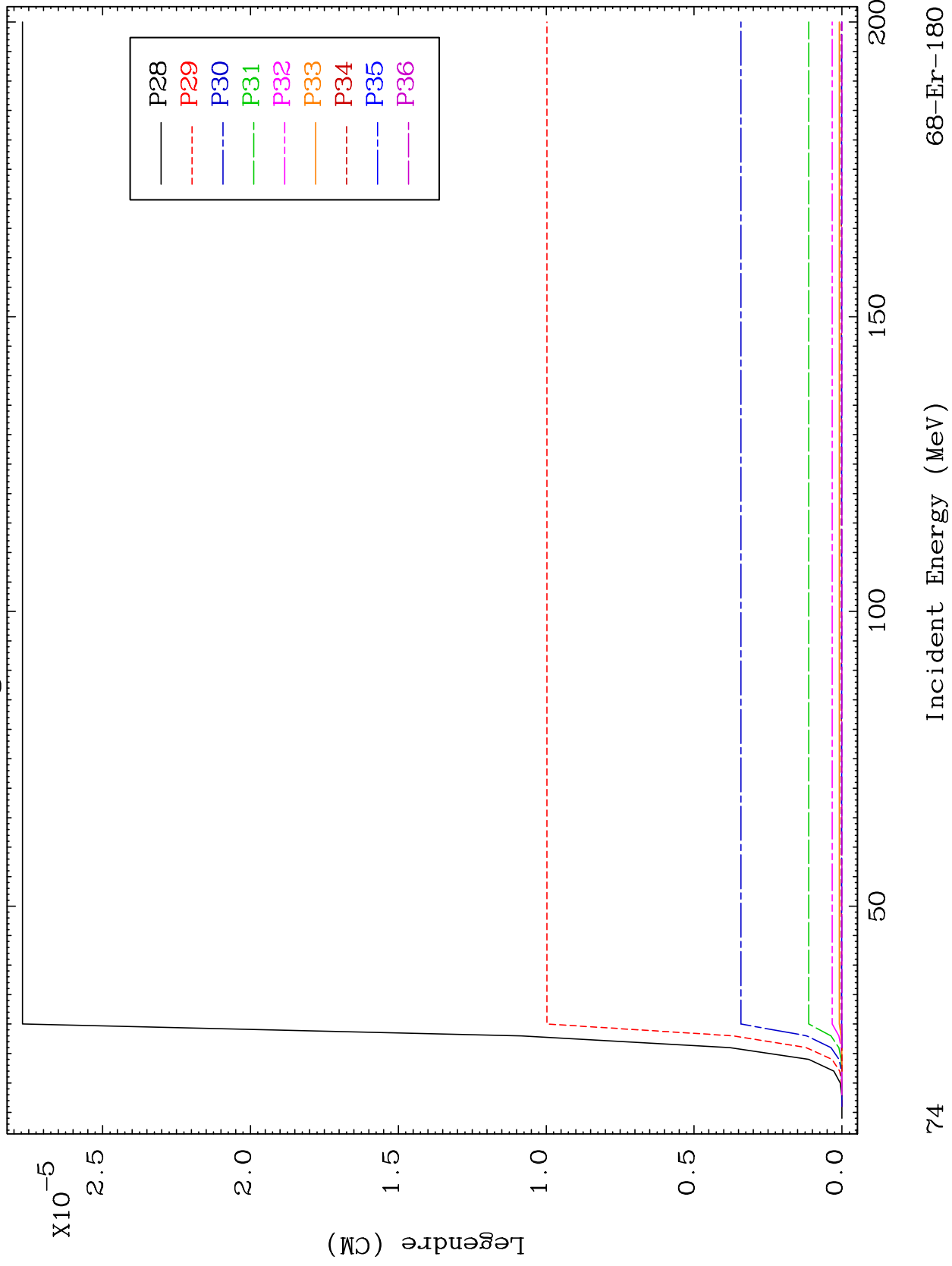
Incident Energy (MeV)

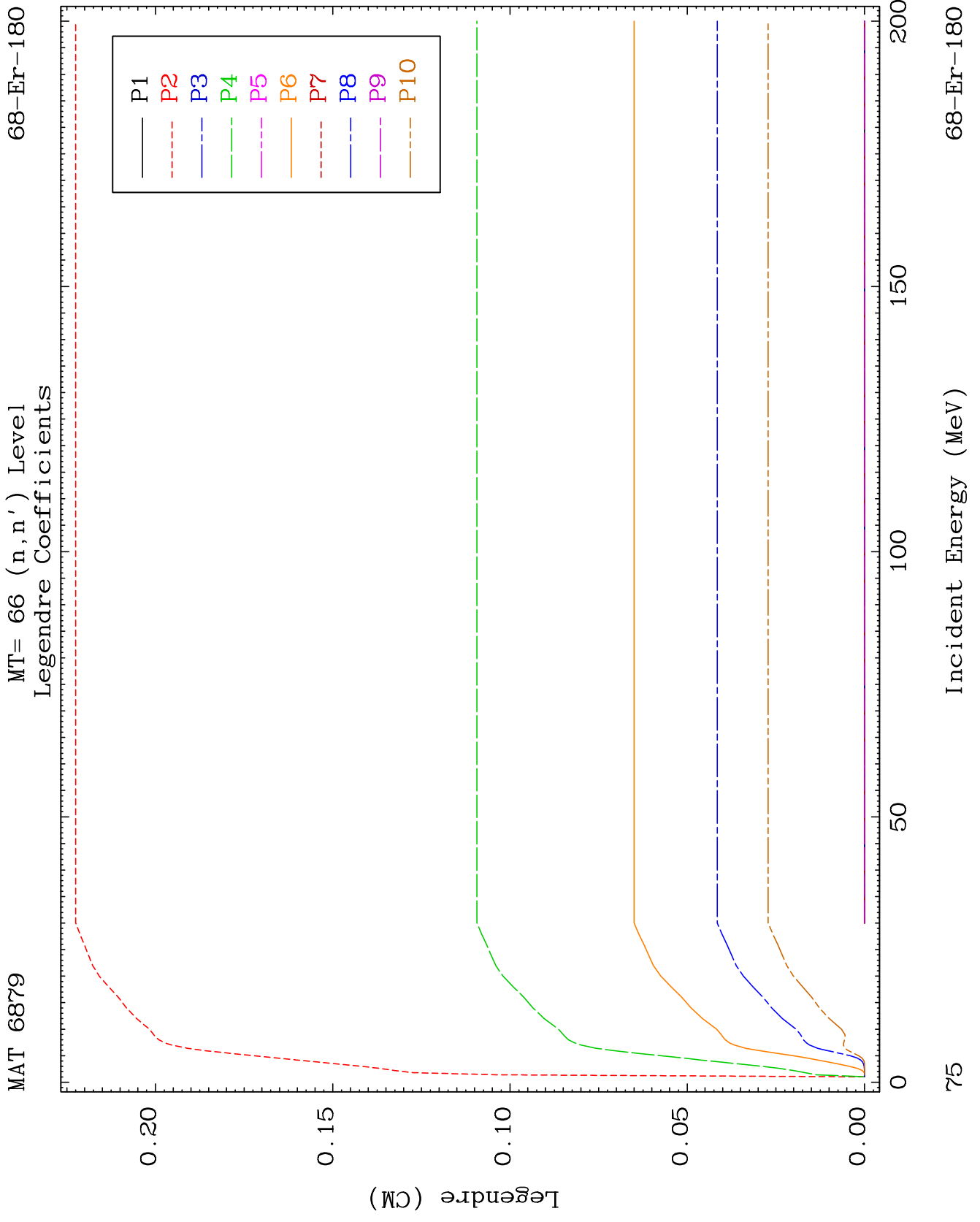
68-Er-180

MAT 6879

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

68-Er-180

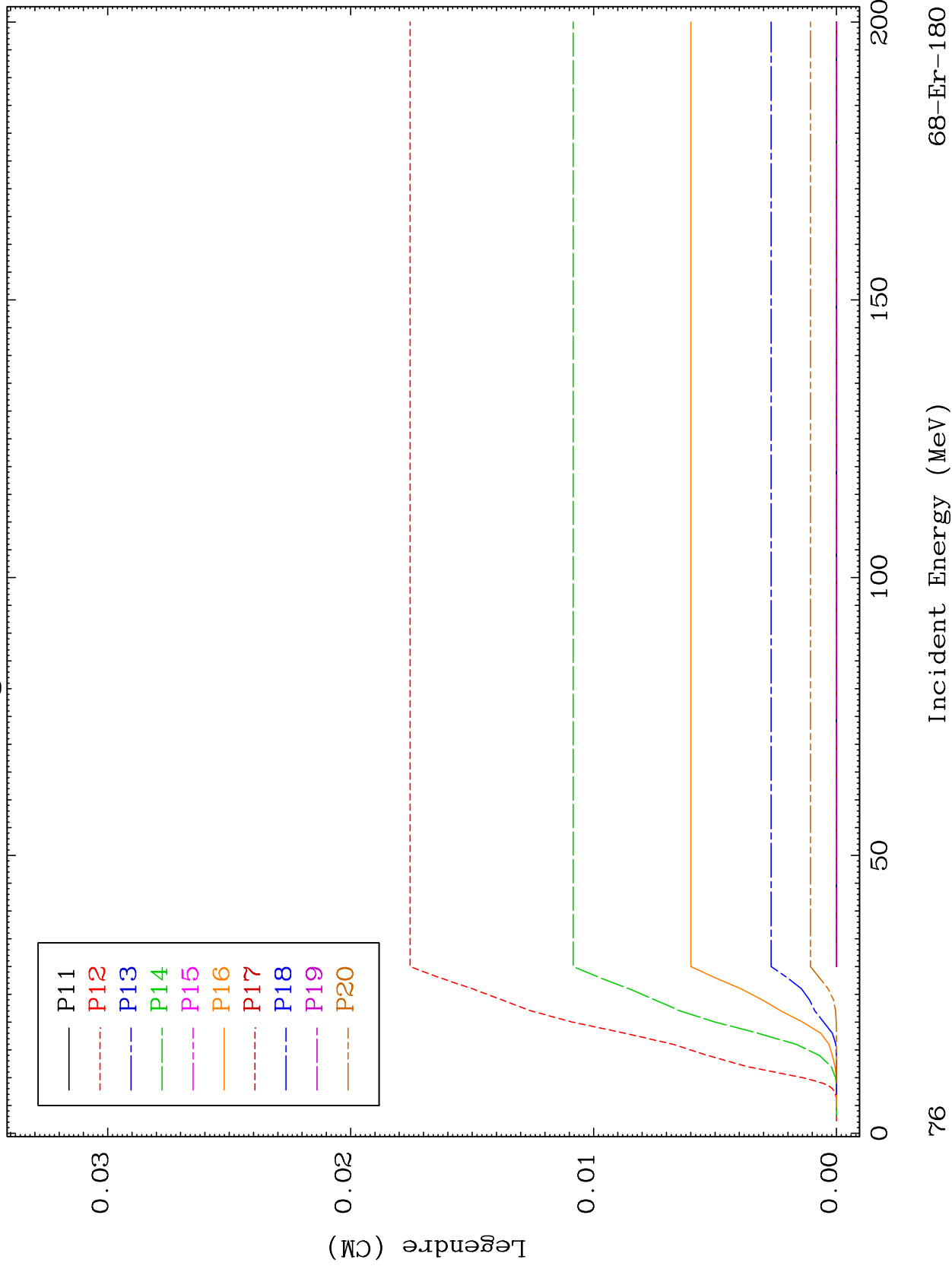




MAT 6879

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

68-Er-180



76

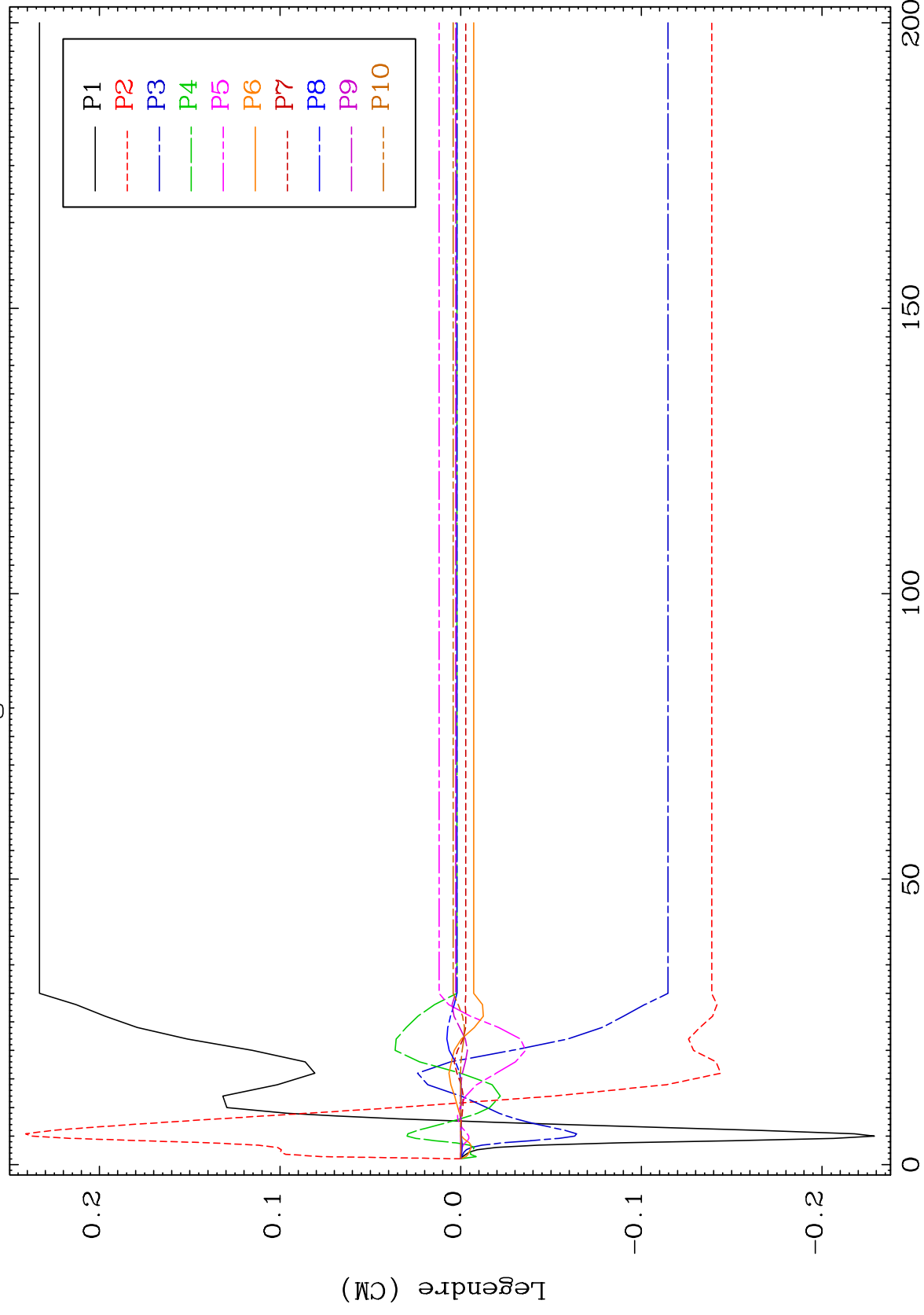
Incident Energy (MeV)

68-Er-180

MAT 6879

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

68-Er-180



78

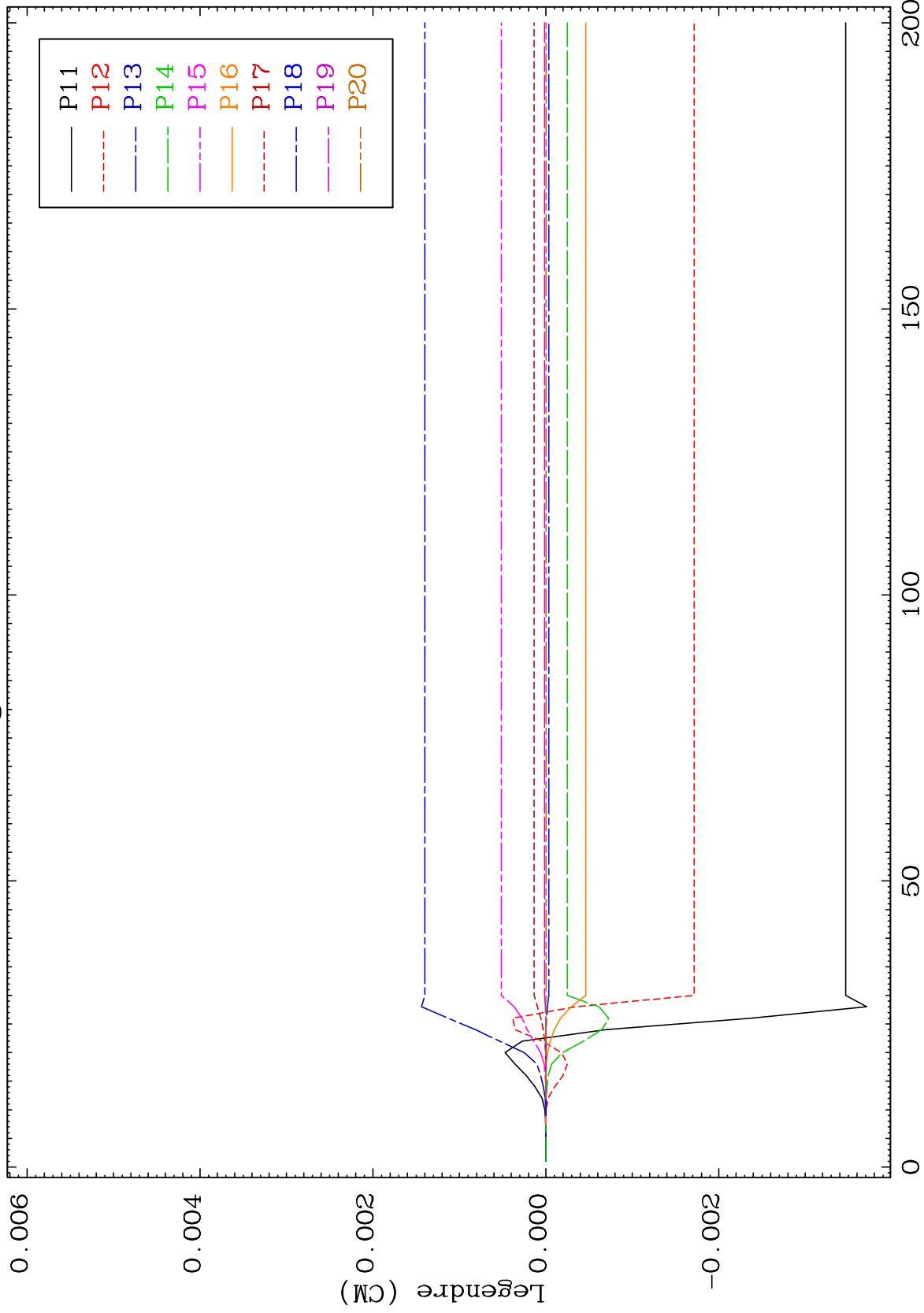
Incident Energy (MeV)

68-Er-180

MAT 6879

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

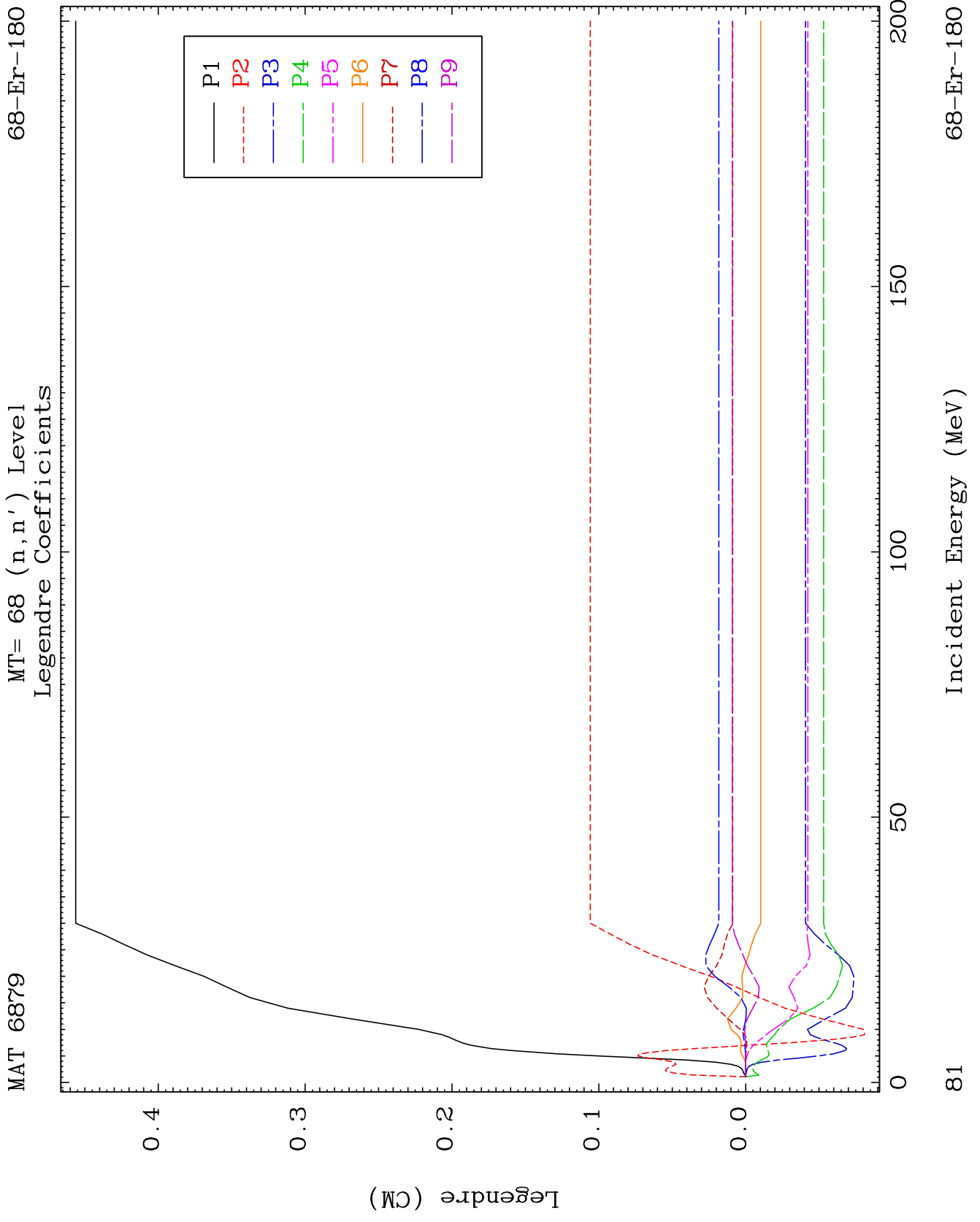
68-Er-180



79

Incident Energy (MeV)

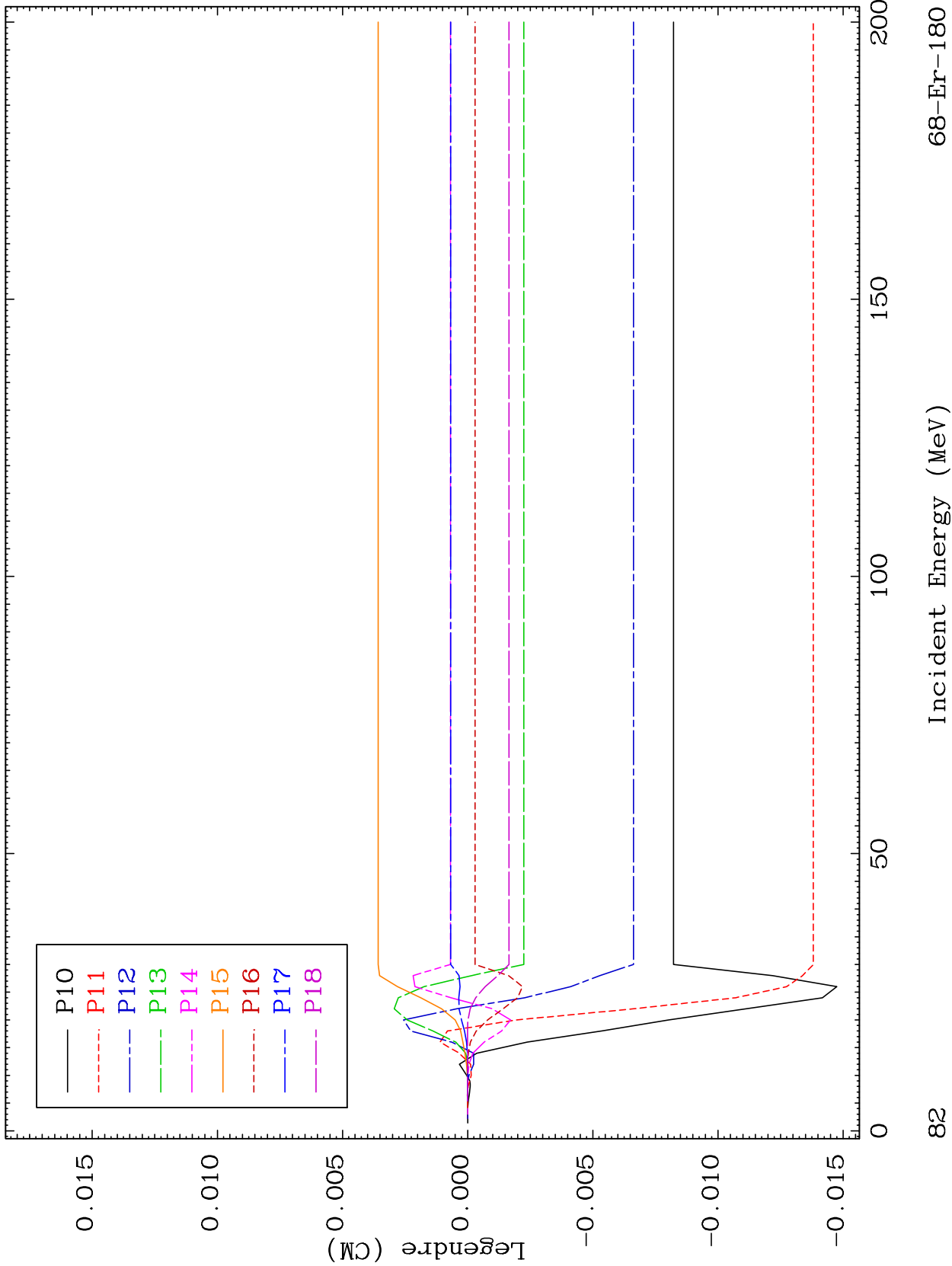
68-Er-180



MAT 6879

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

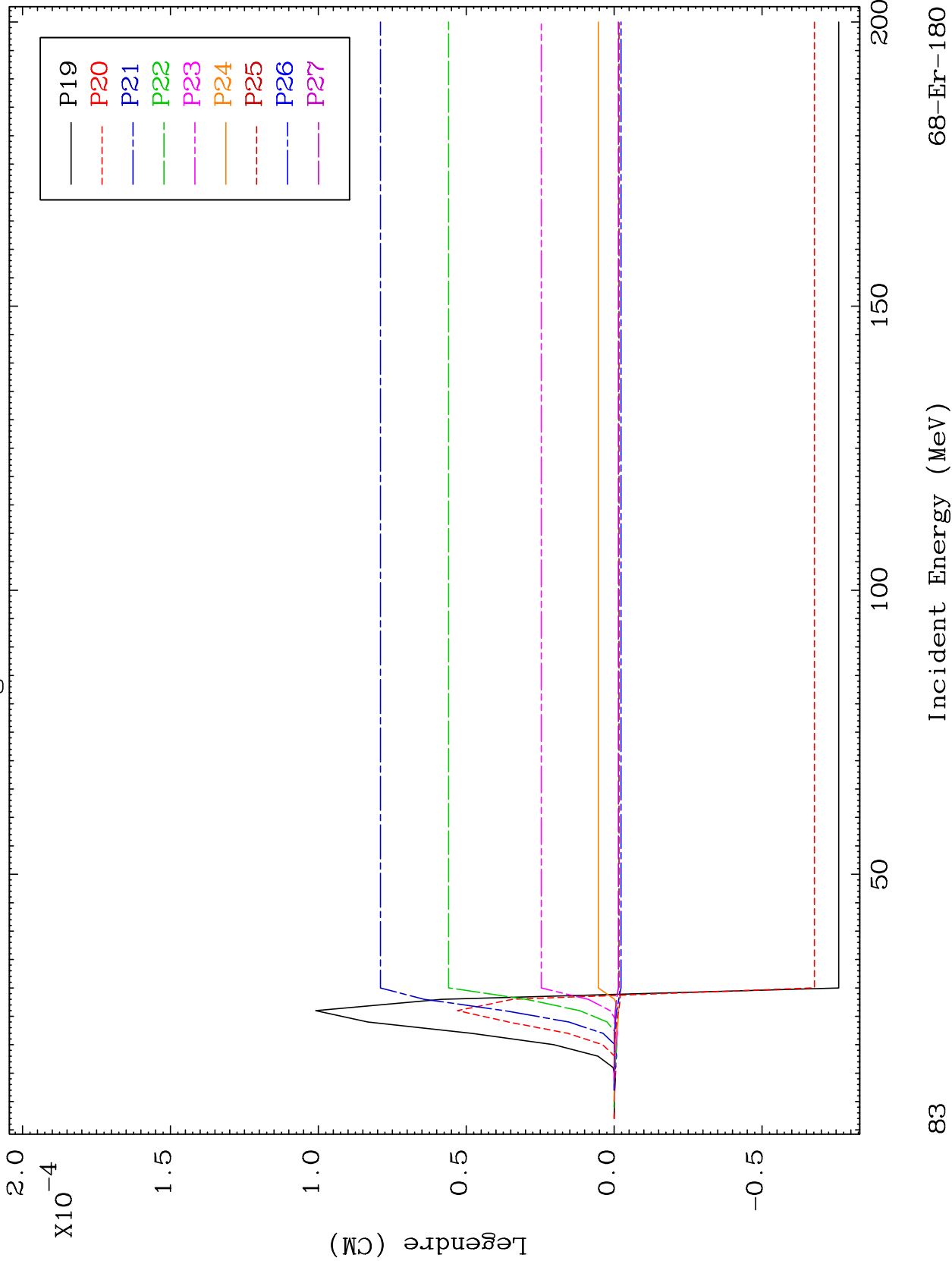
68-Er-180

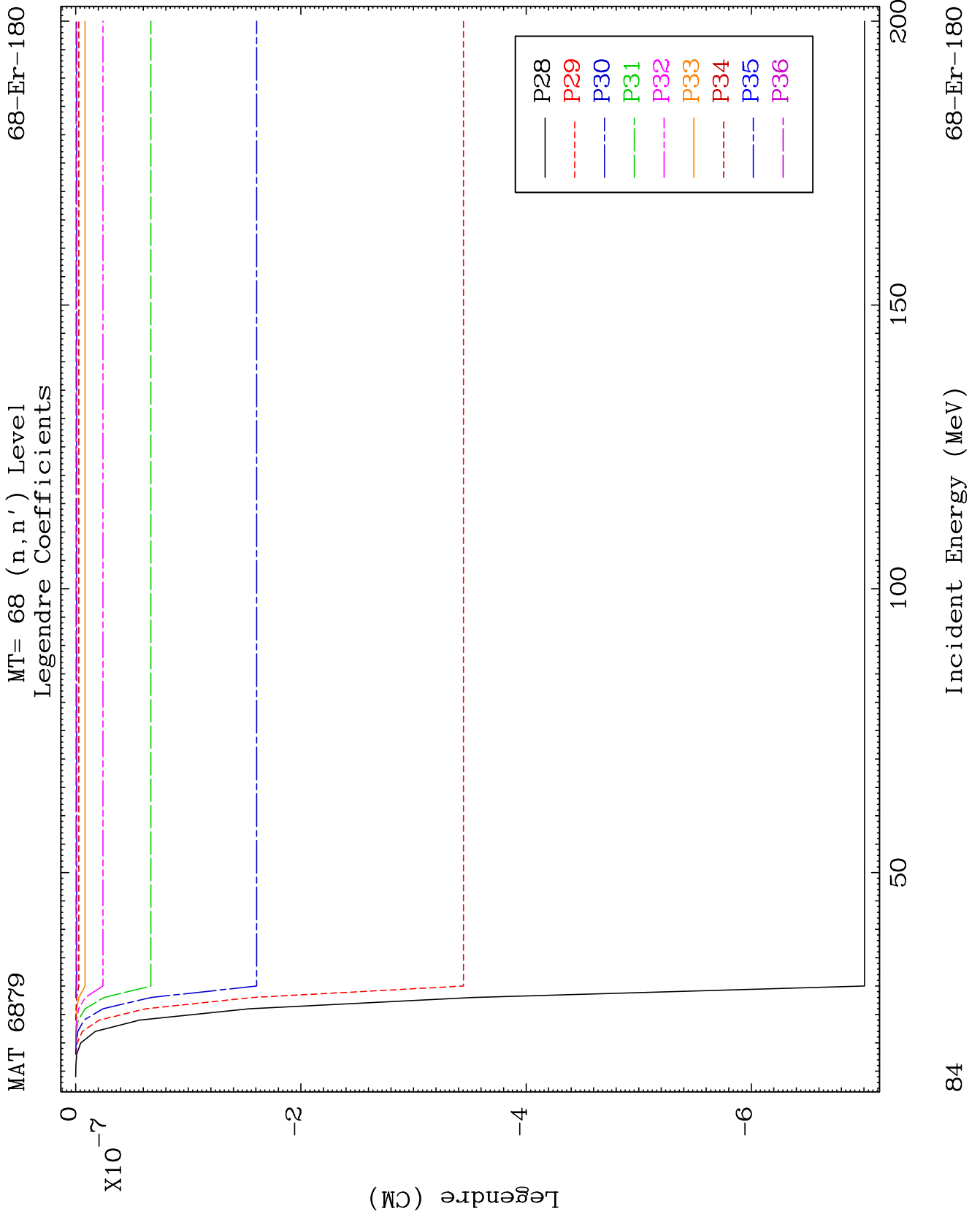


82

Incident Energy (MeV)

68-Er-180

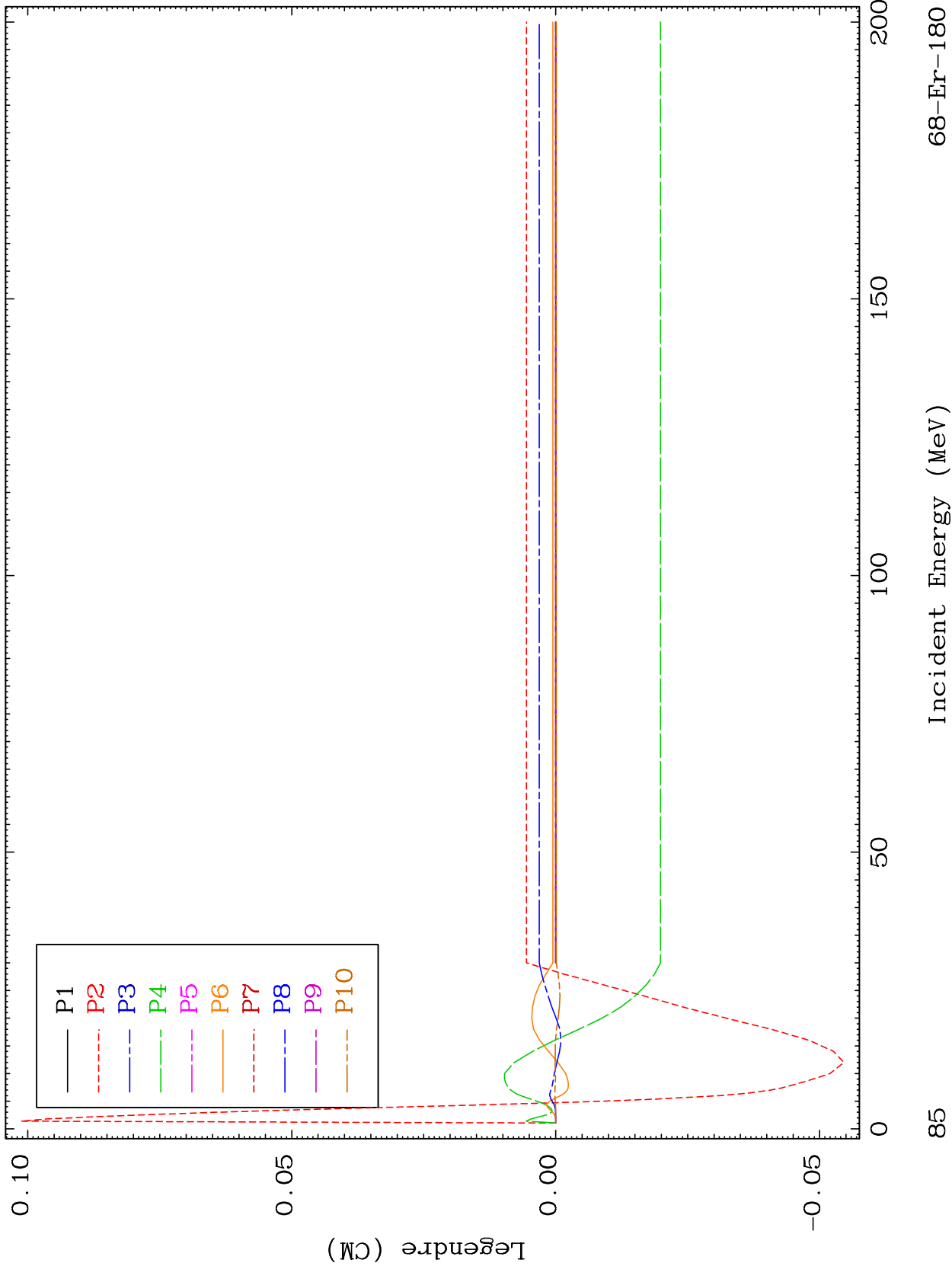




MAT 6879

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

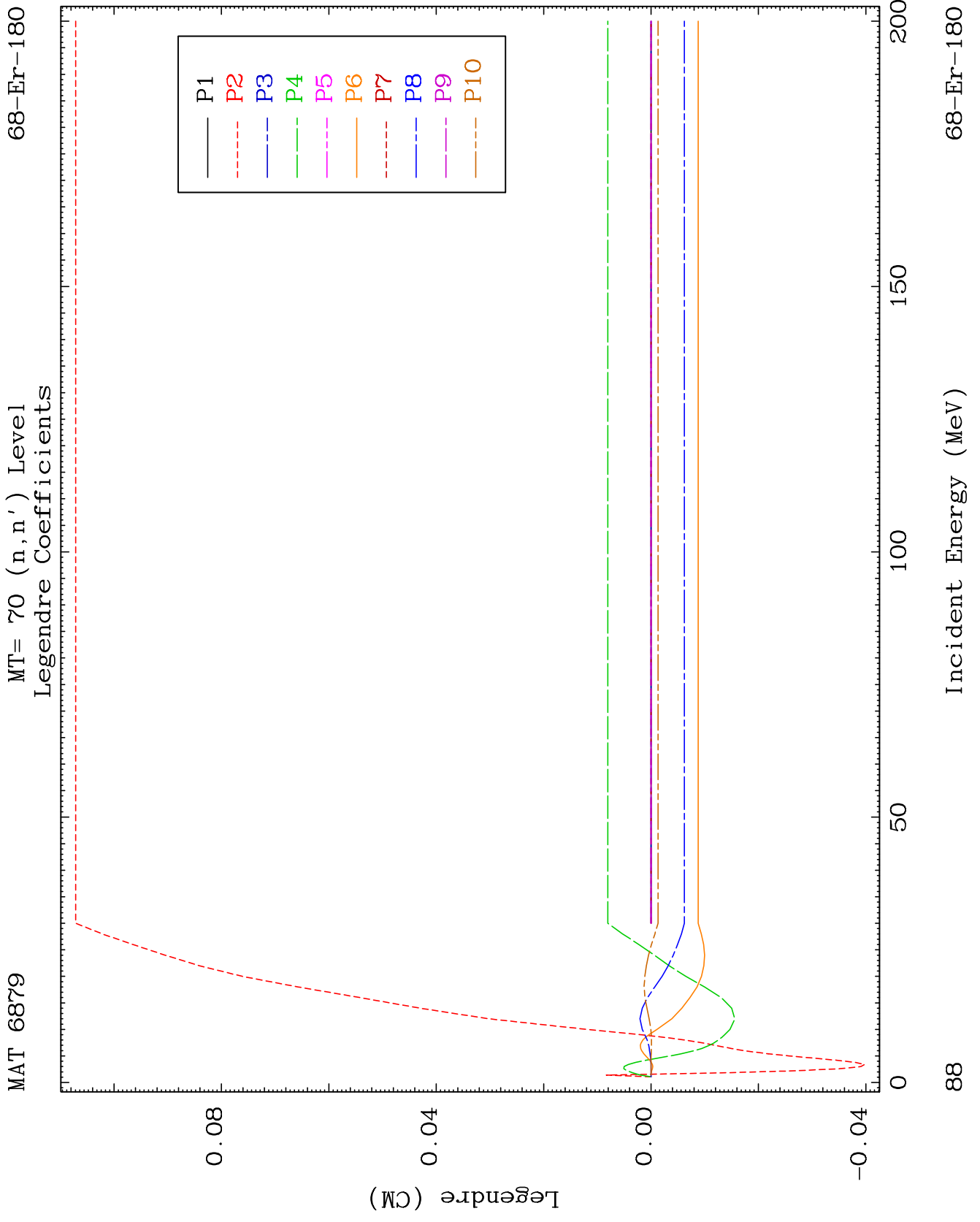
68-Er-180



85

Incident Energy (MeV)

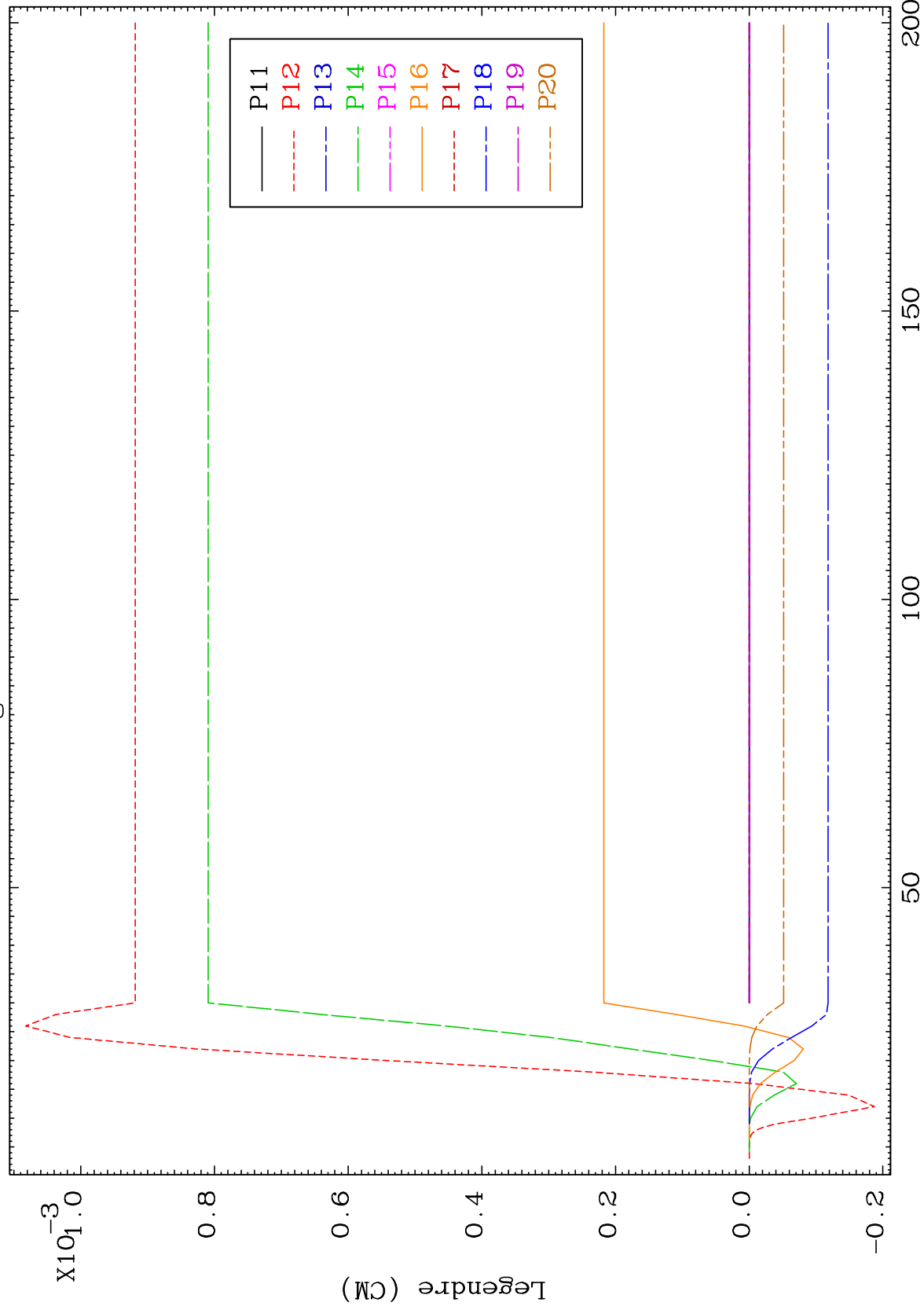
68-Er-180



MAT 6879

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

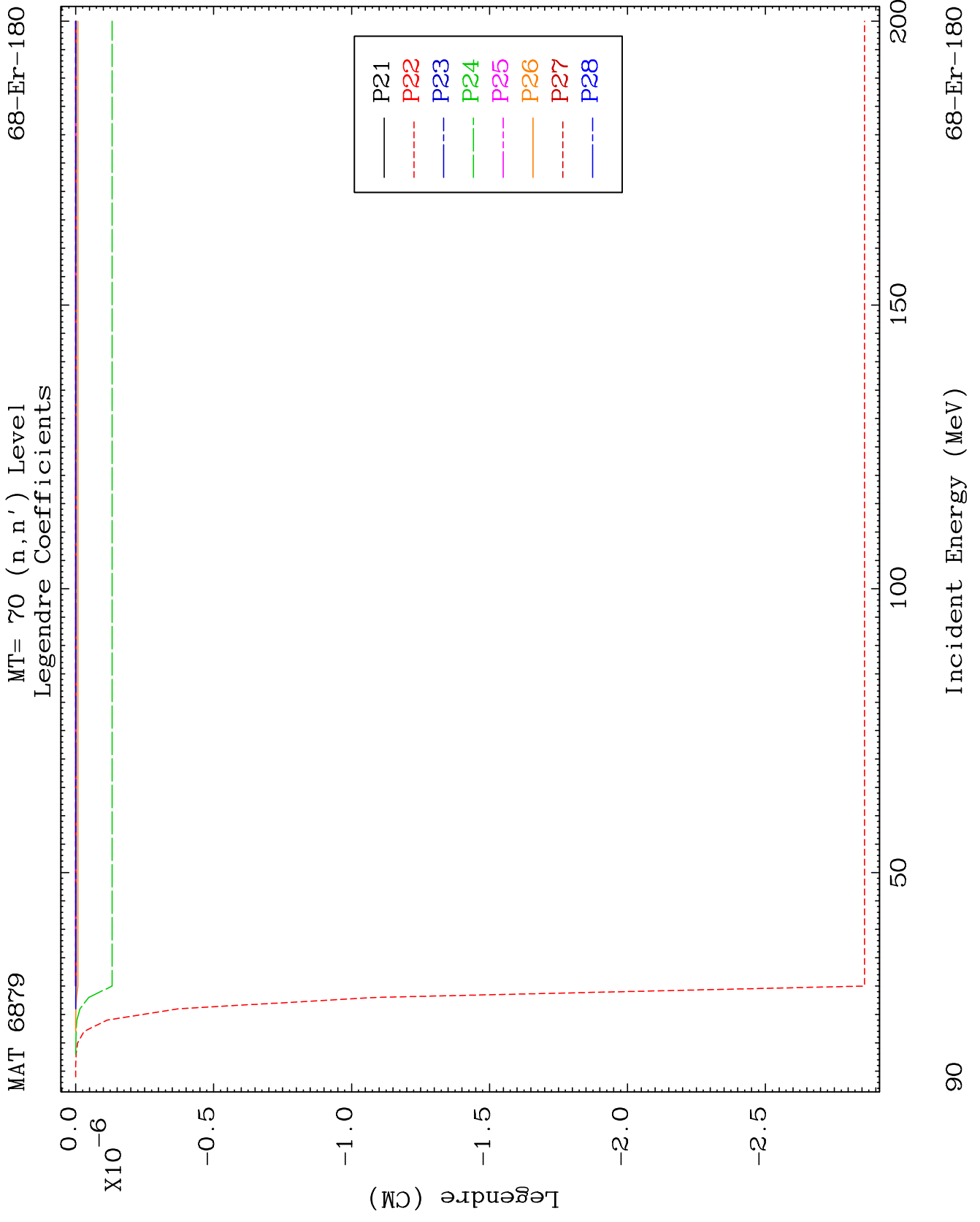
68-Er-180



89

Incident Energy (MeV)

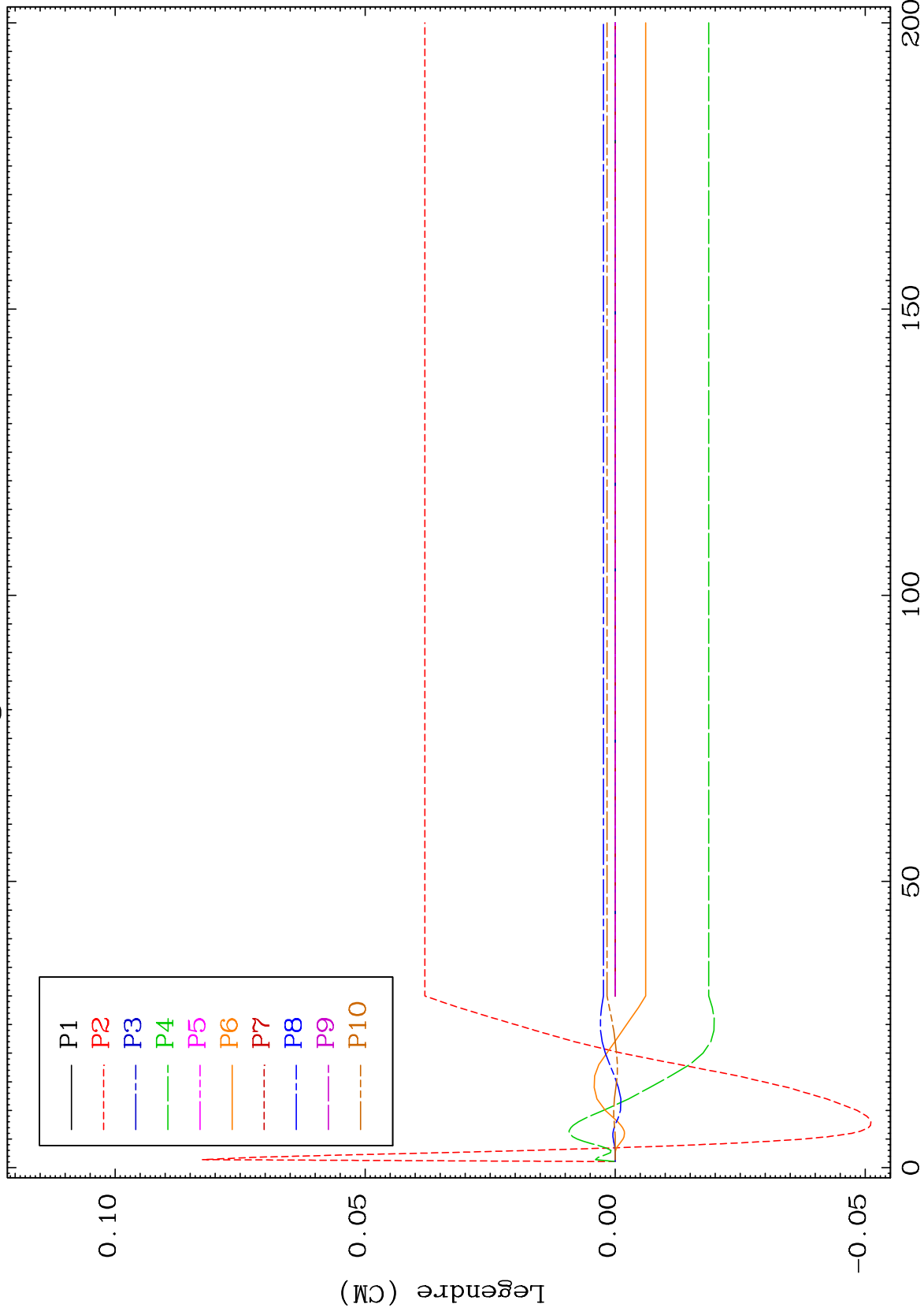
68-Er-180



MAT 6879

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

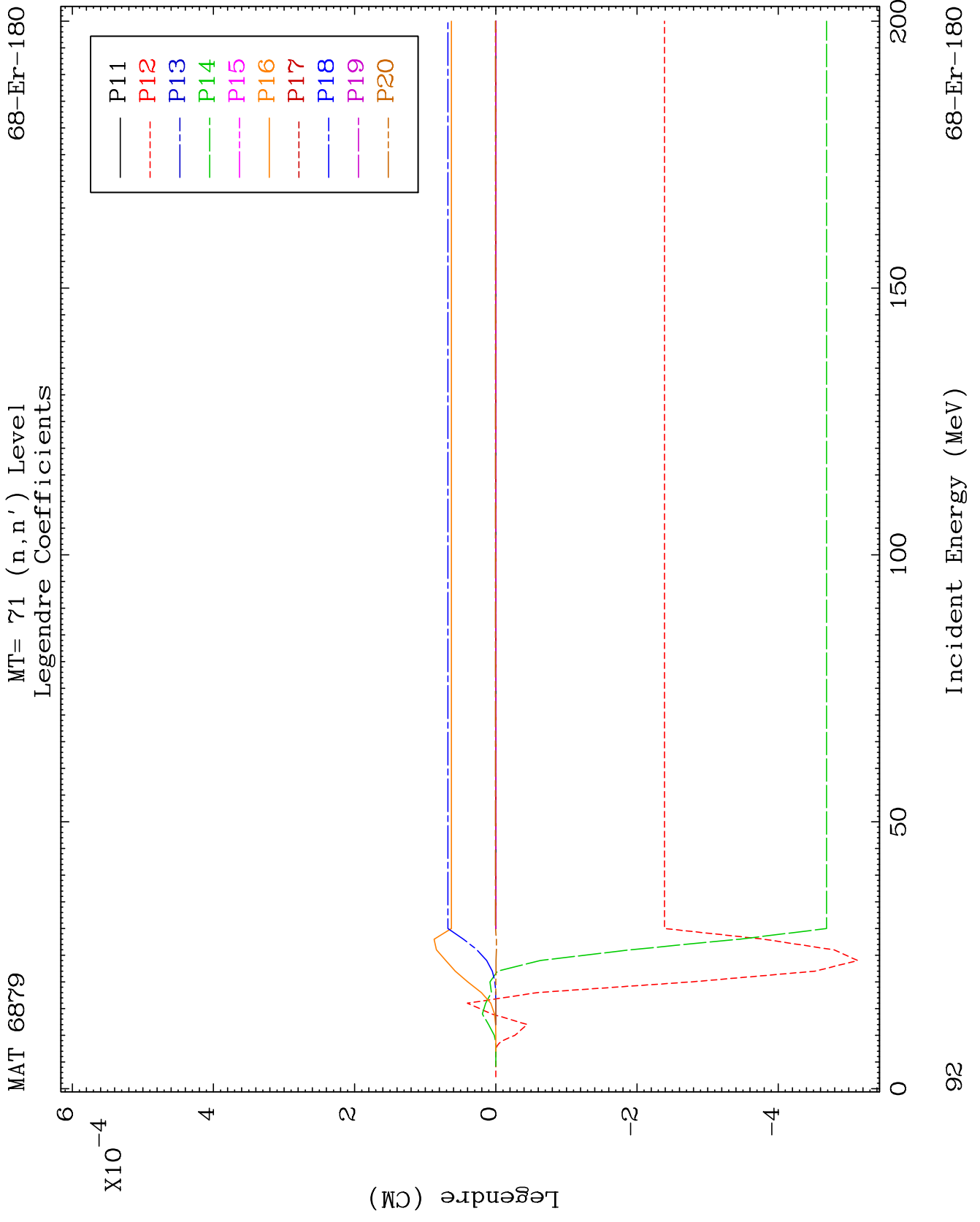
68-Er-180

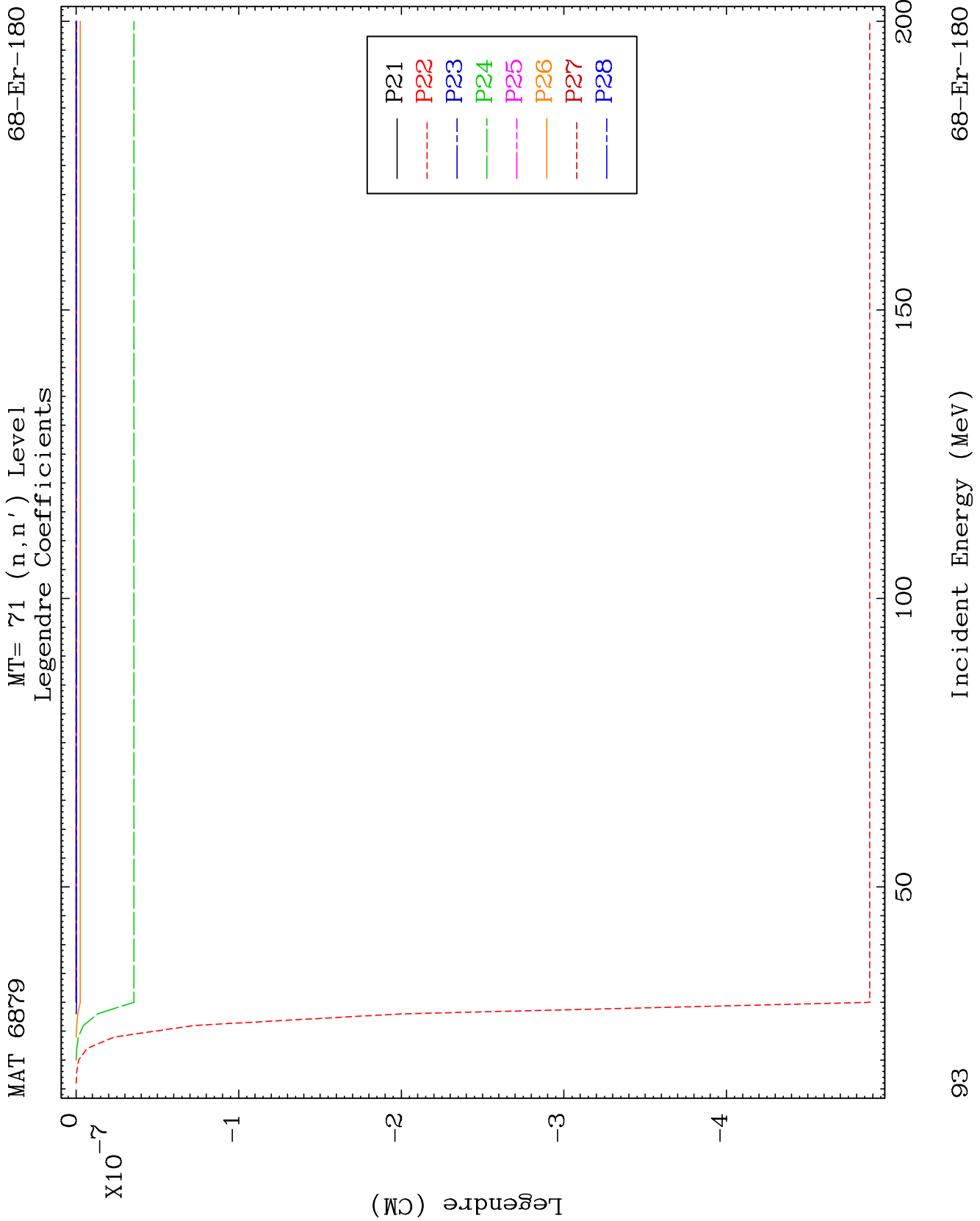


91

Incident Energy (MeV)

68-Er-180

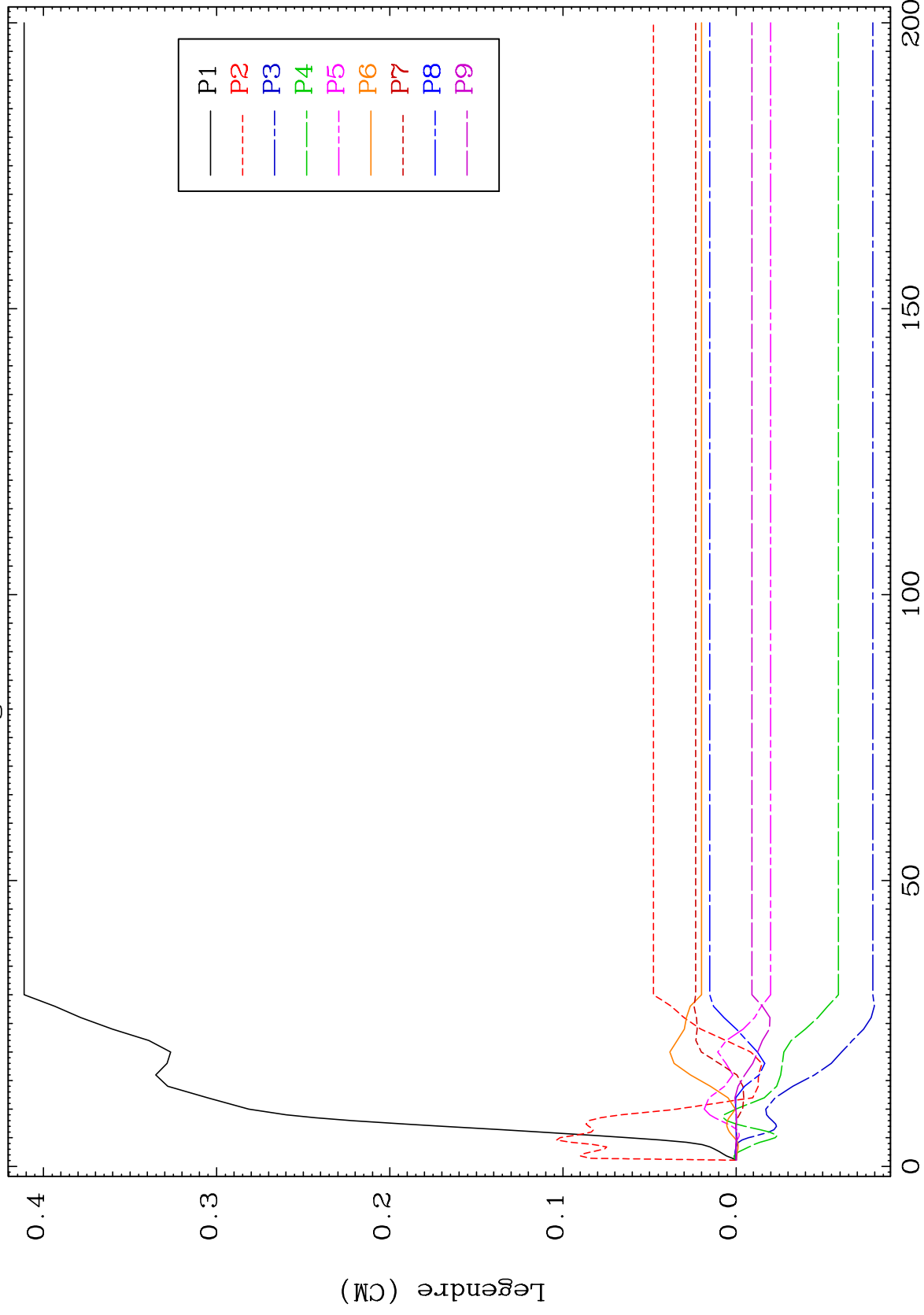




MAT 6879

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

68-Er-180



94

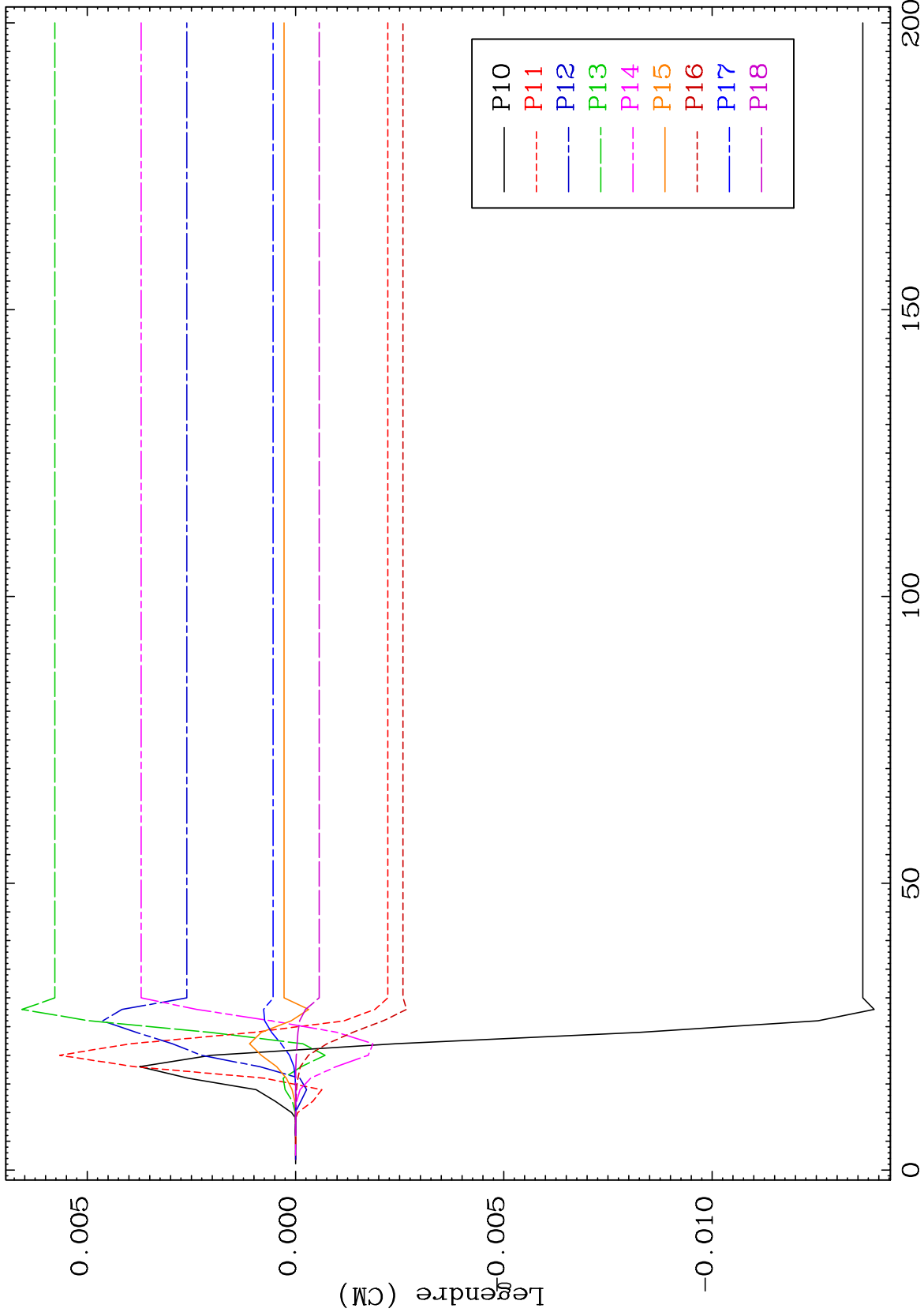
Incident Energy (MeV)

68-Er-180

MAT 6879

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

68-Er-180



95

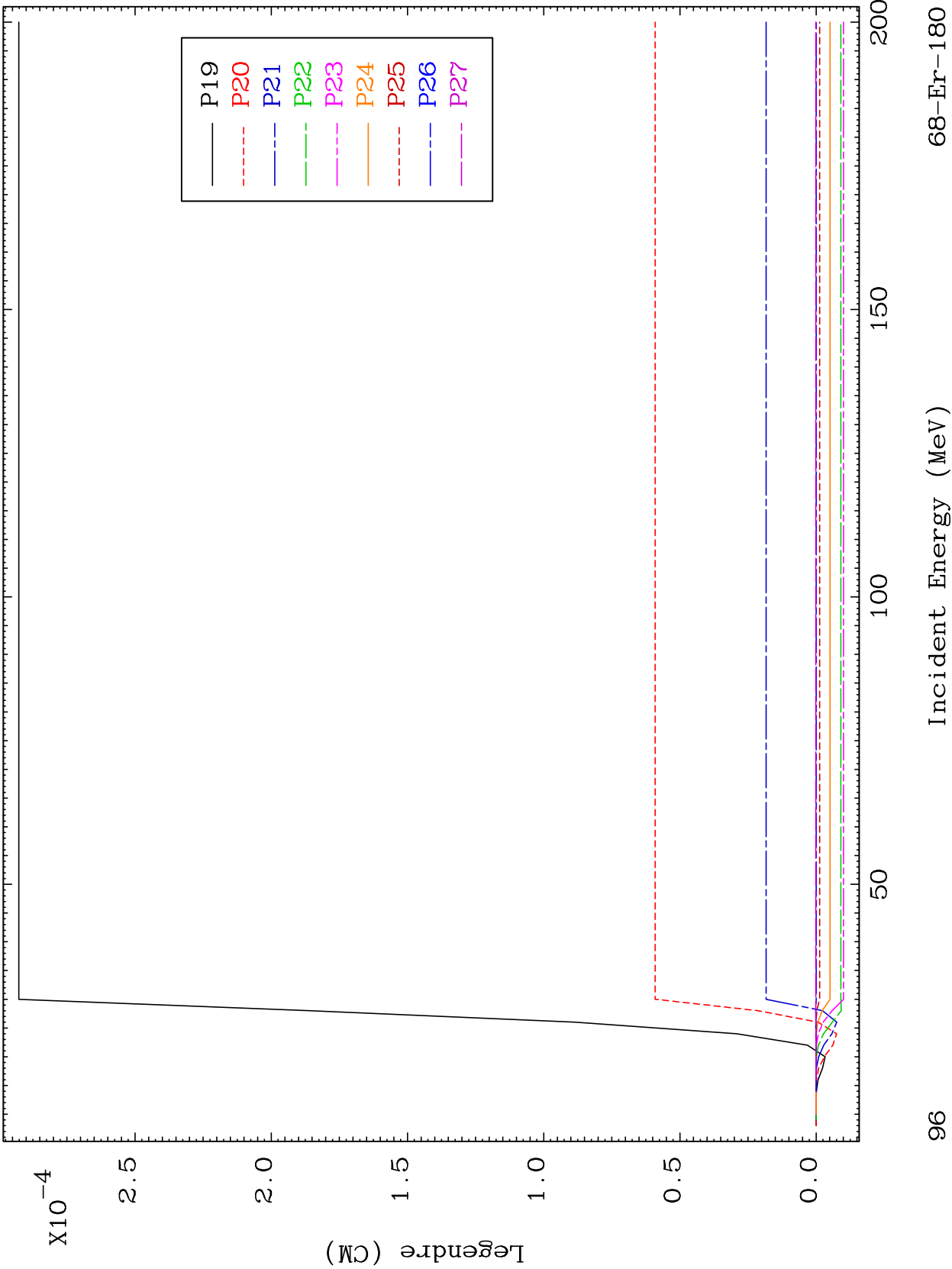
Incident Energy (MeV)

68-Er-180

MAT 6879

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

68-Er-180



96

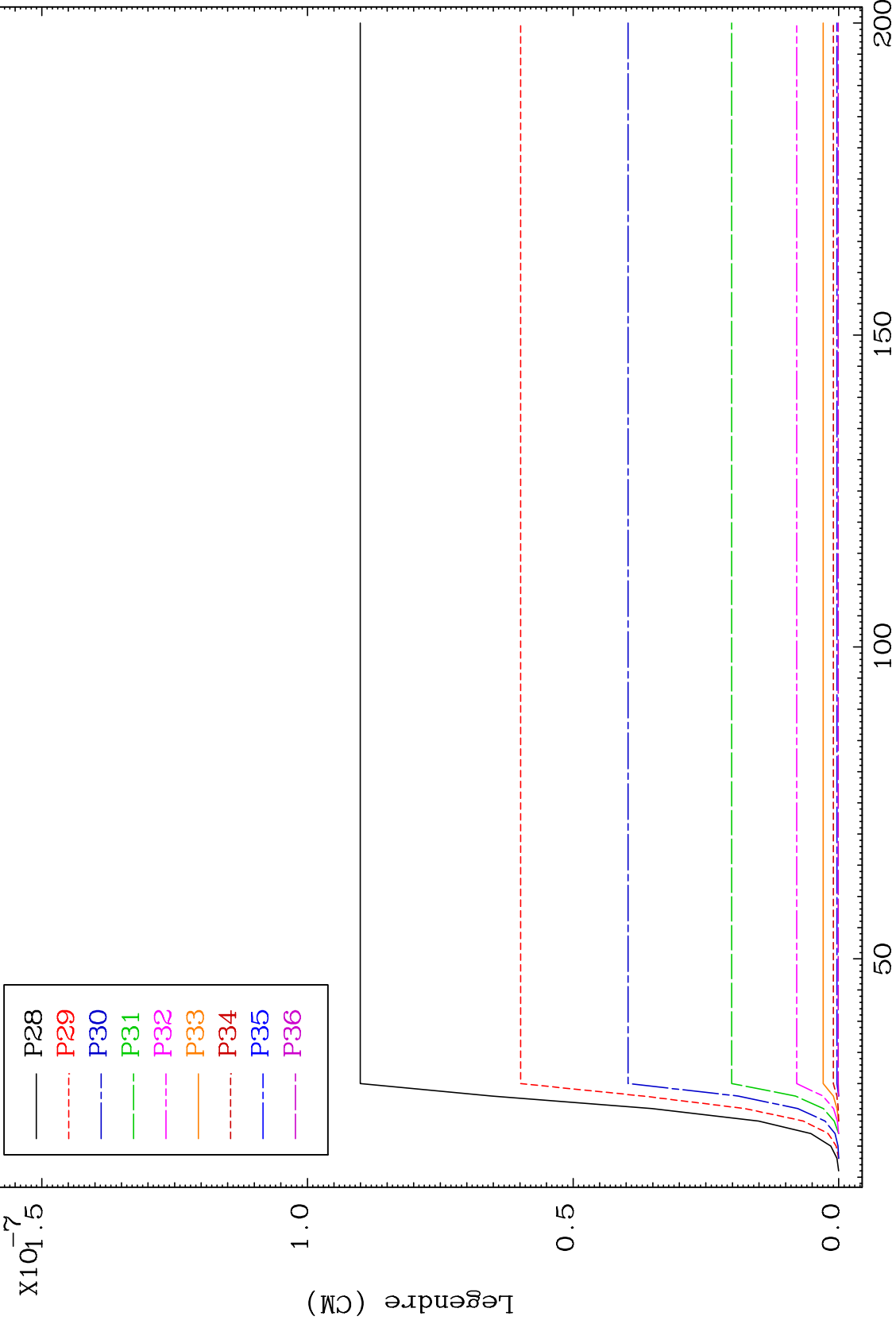
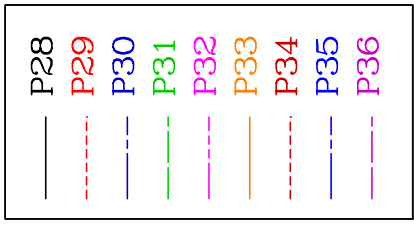
Incident Energy (MeV)

68-Er-180

MAT 6879

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

68-Er-180



97

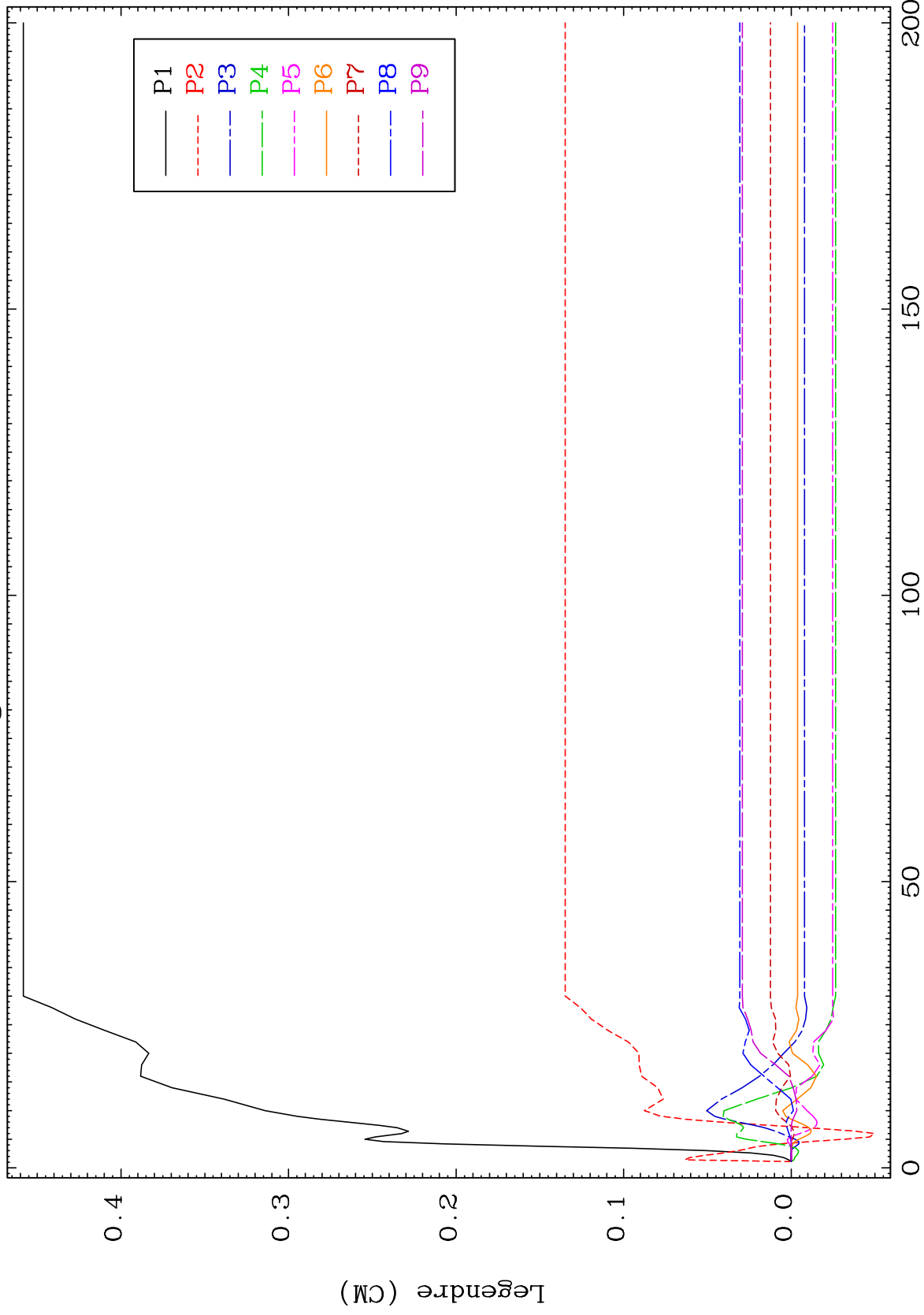
Incident Energy (MeV)

68-Er-180

MAT 6879

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

68-Er-180



98

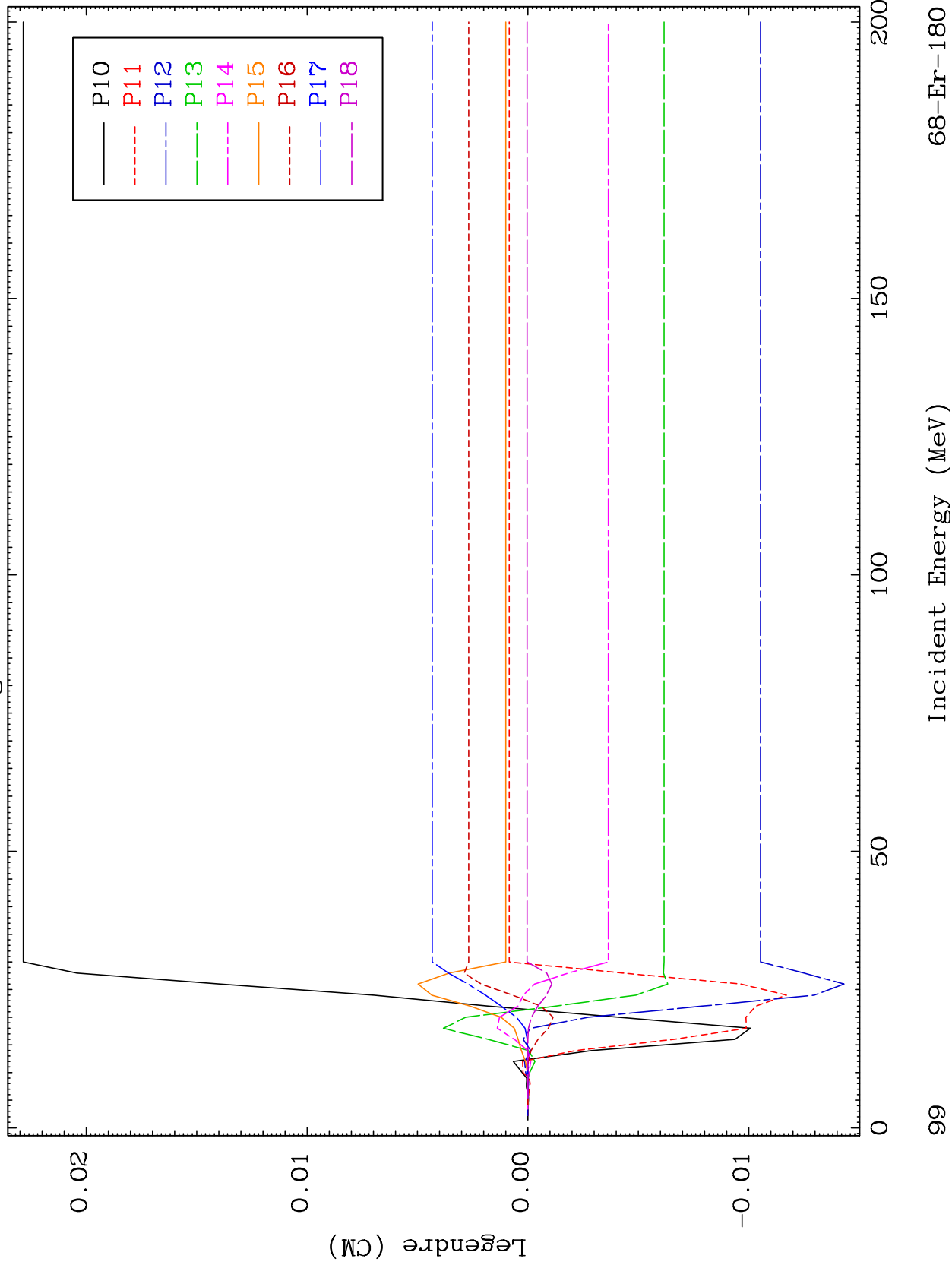
Incident Energy (MeV)

68-Er-180

MAT 6879

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

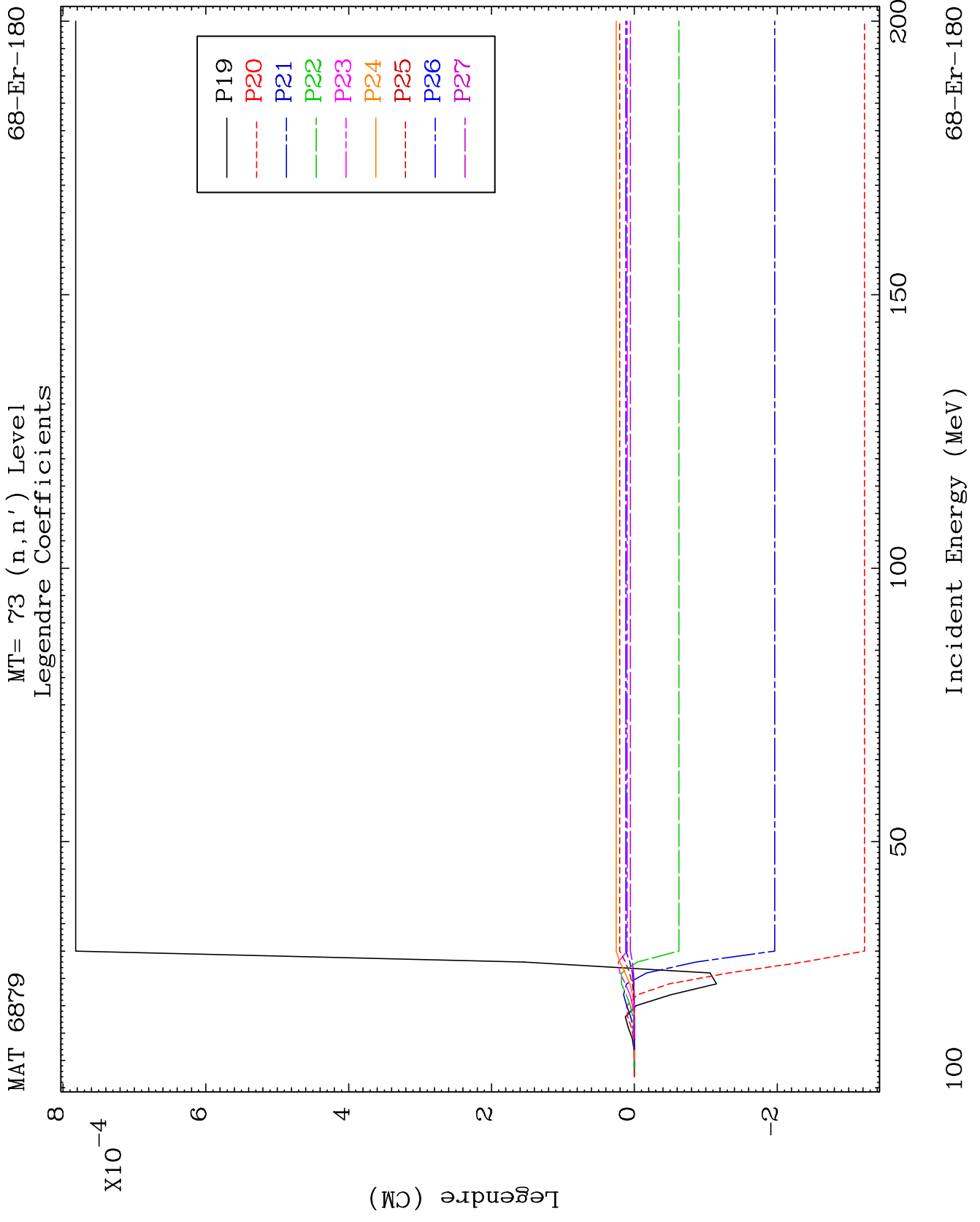
68-Er-180



68-Er-180

Incident Energy (MeV)

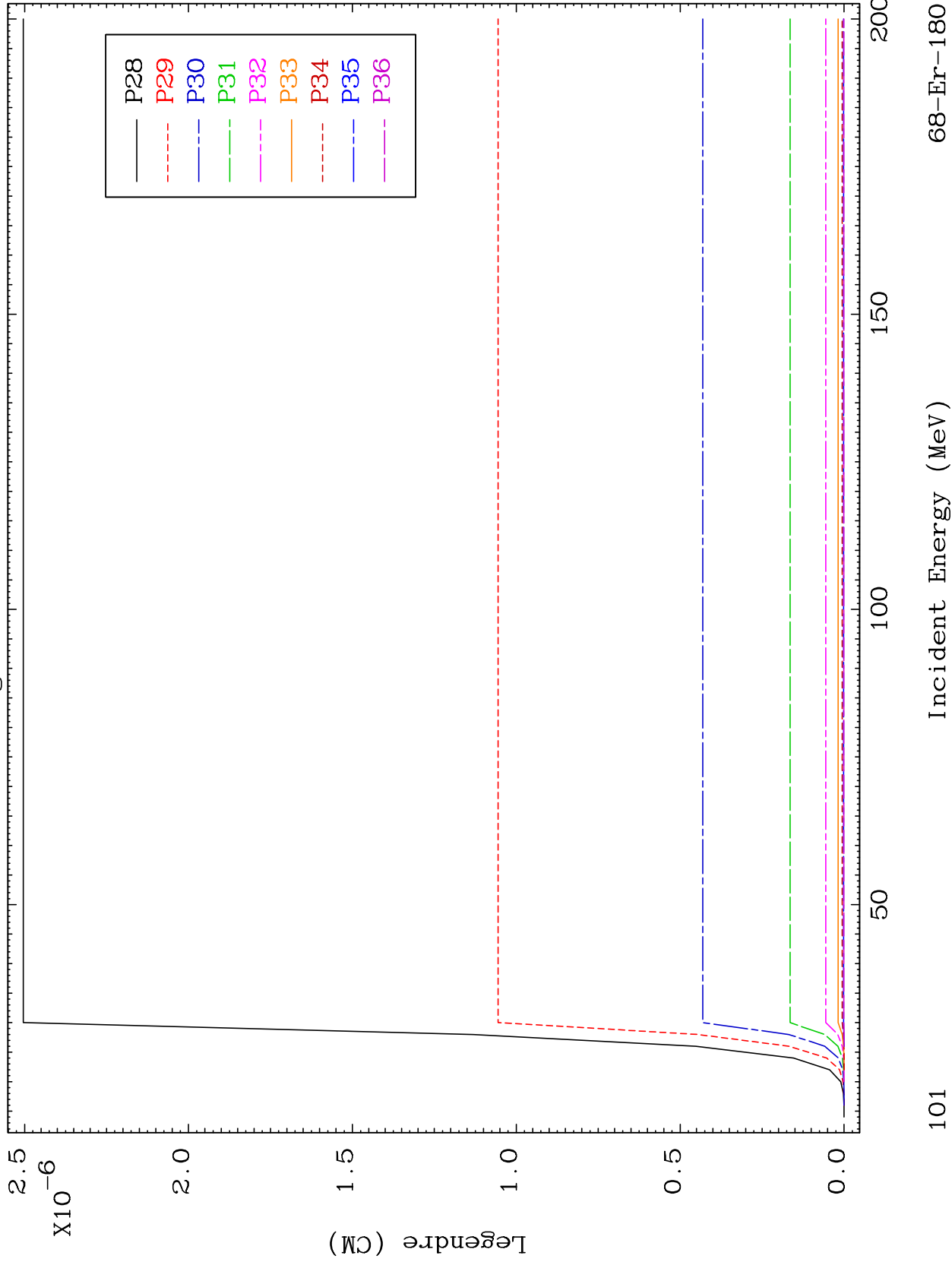
99



MAT 6879

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

68-Er-180



101

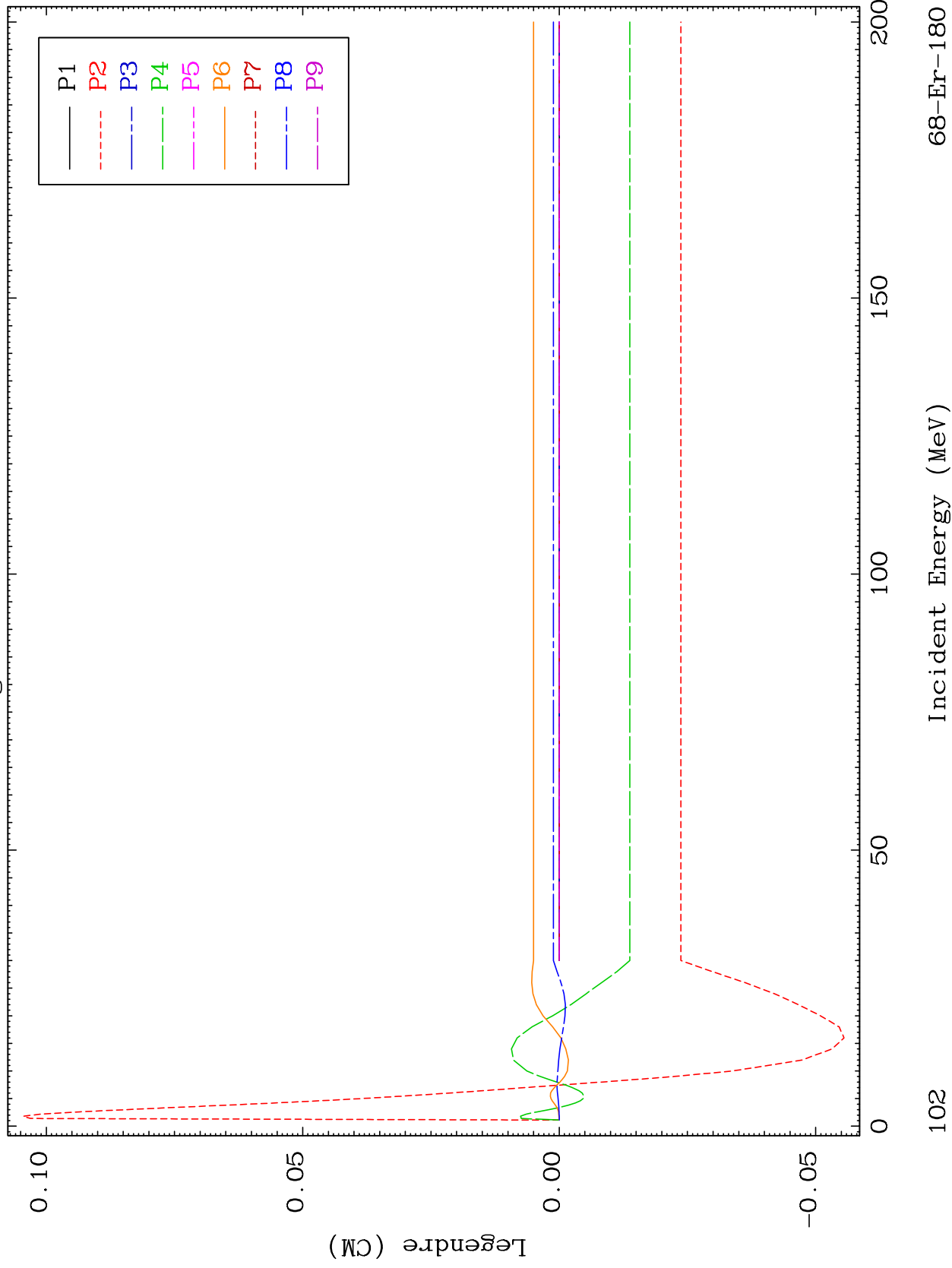
Incident Energy (MeV)

68-Er-180

MAT 6879

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

68-Er-180



68-Er-180

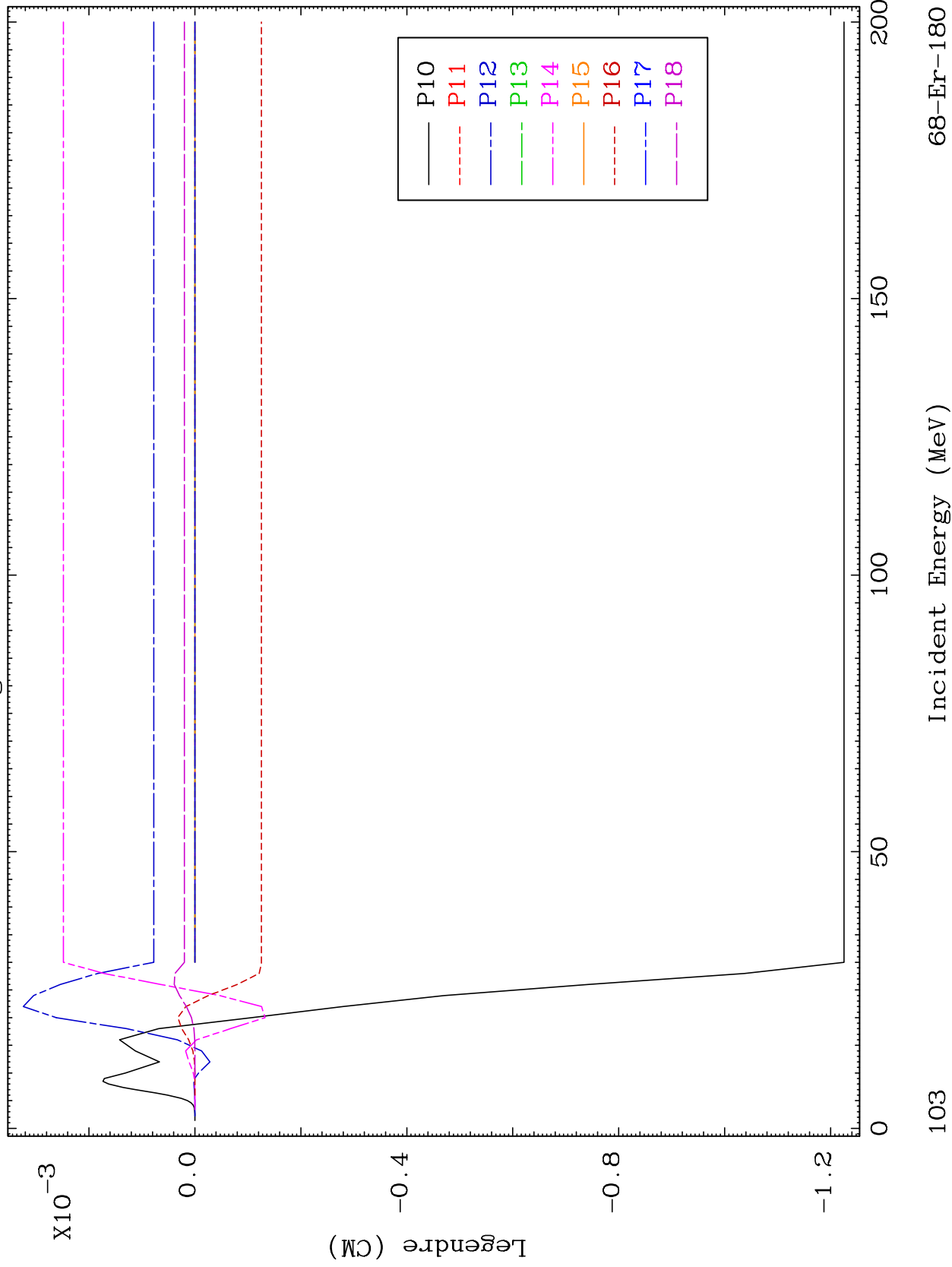
Incident Energy (MeV)

102

MAT 6879

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

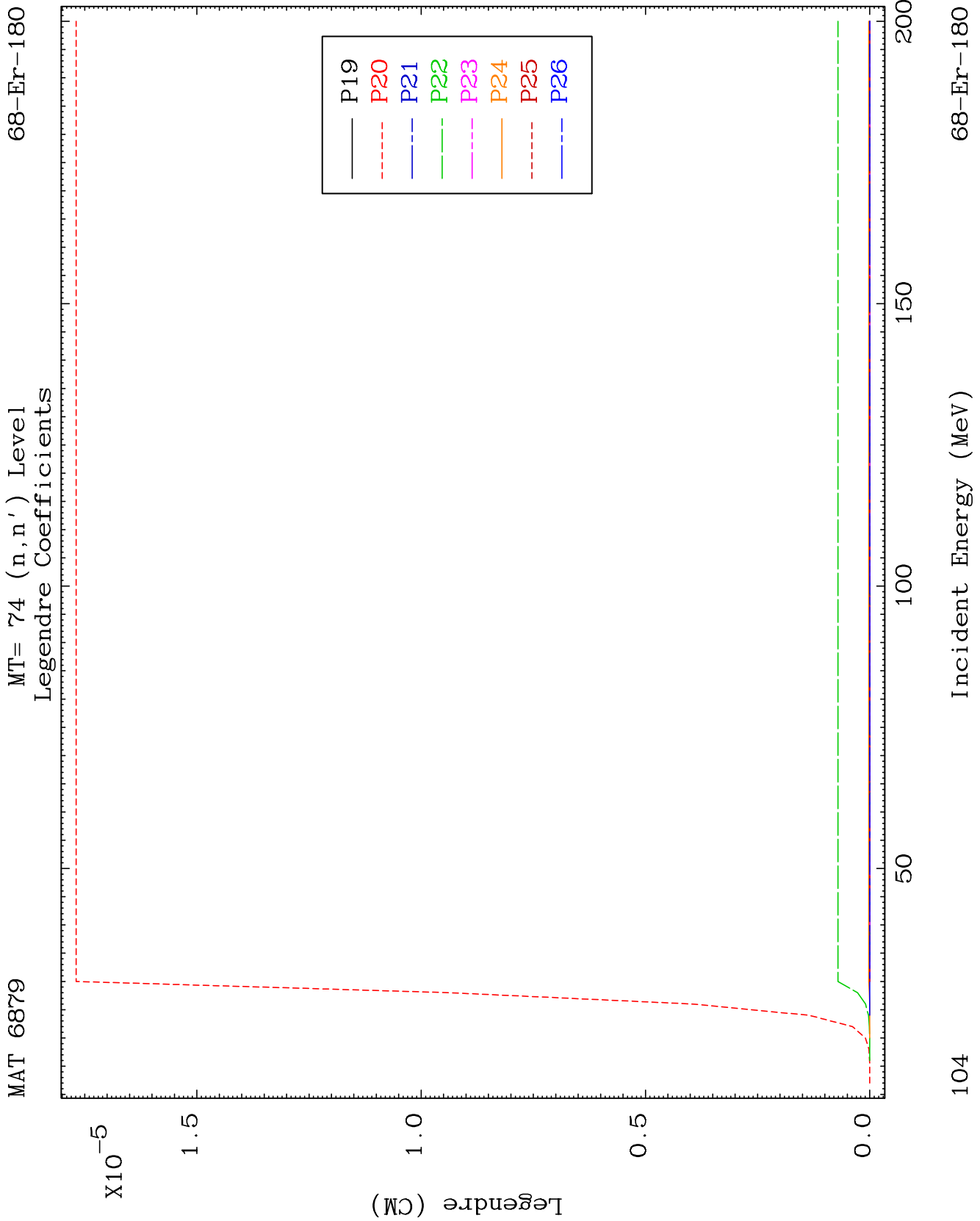
68-Er-180



103

Incident Energy (MeV)

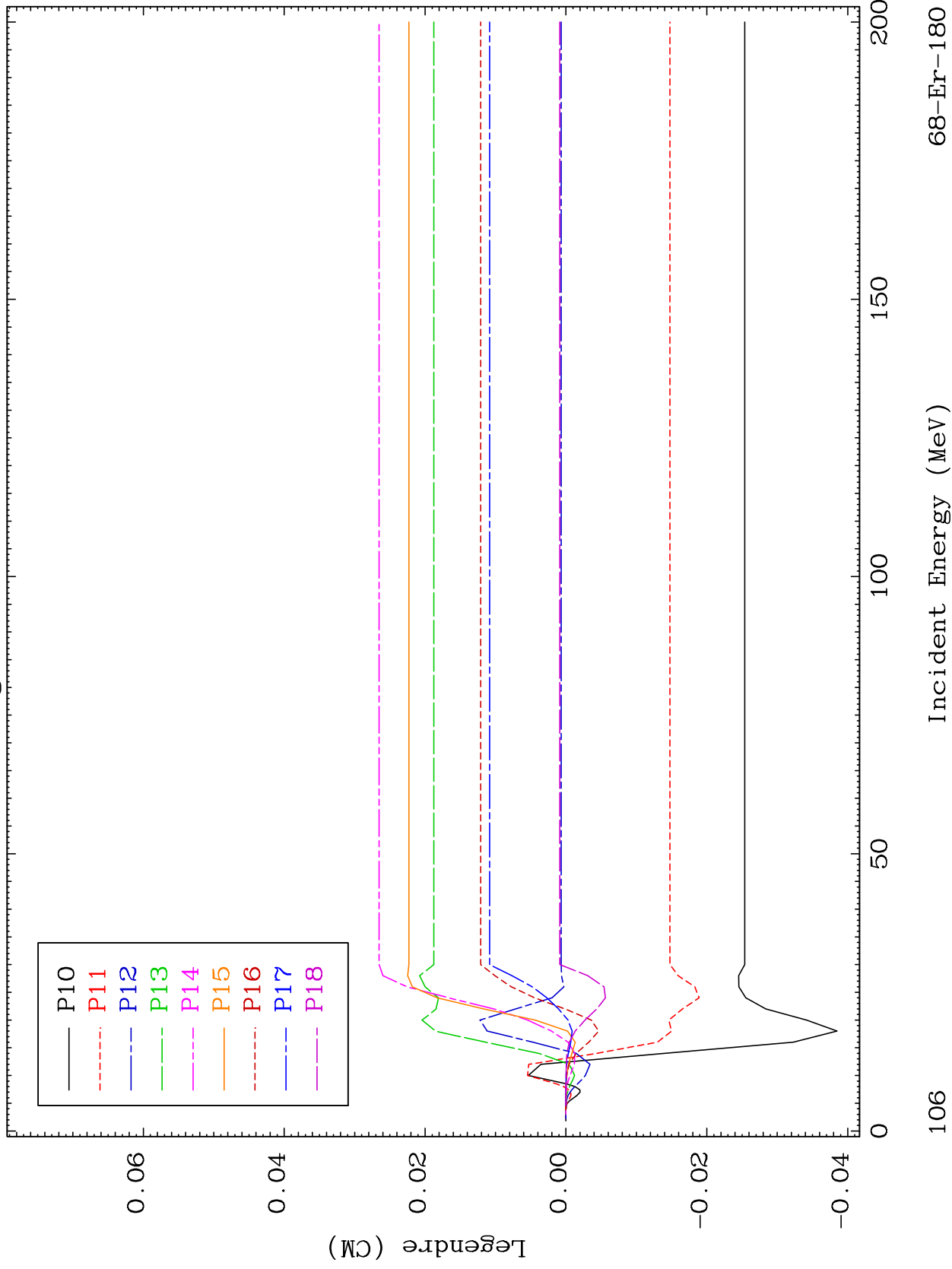
68-Er-180



MAT 6879

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

68-Er-180



68-Er-180

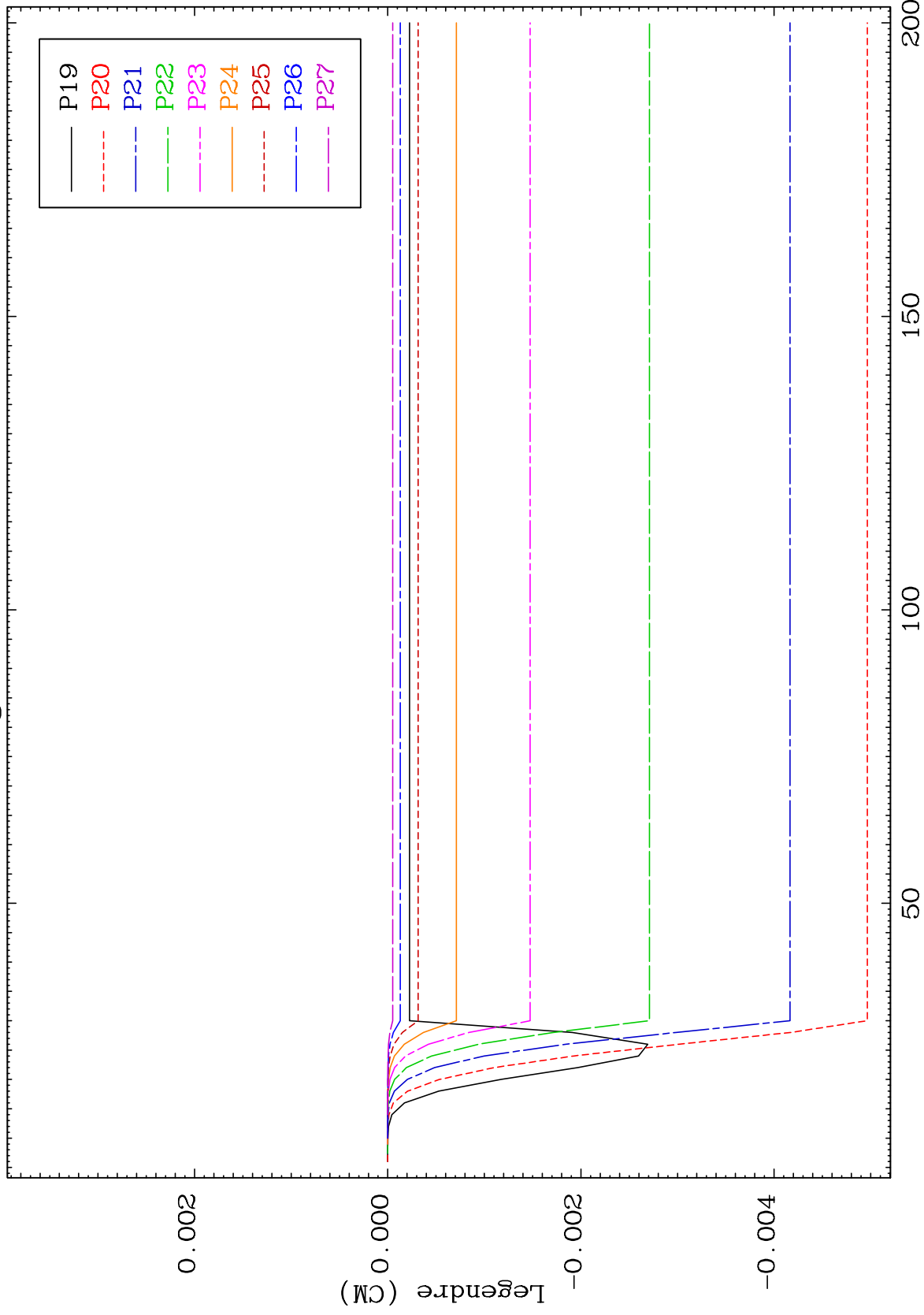
Incident Energy (MeV)

106

MAT 6879

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

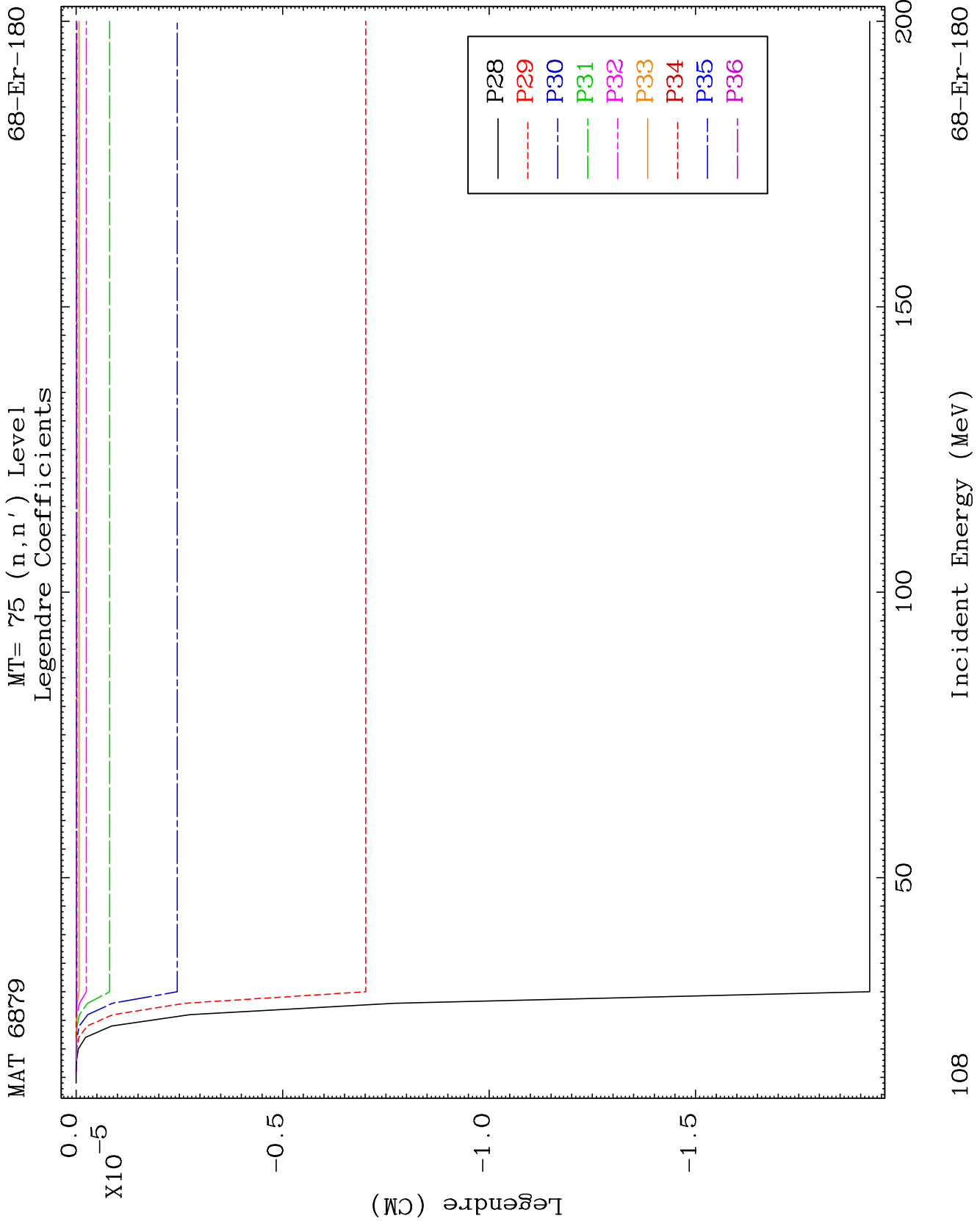
68-Er-180



107

Incident Energy (MeV)

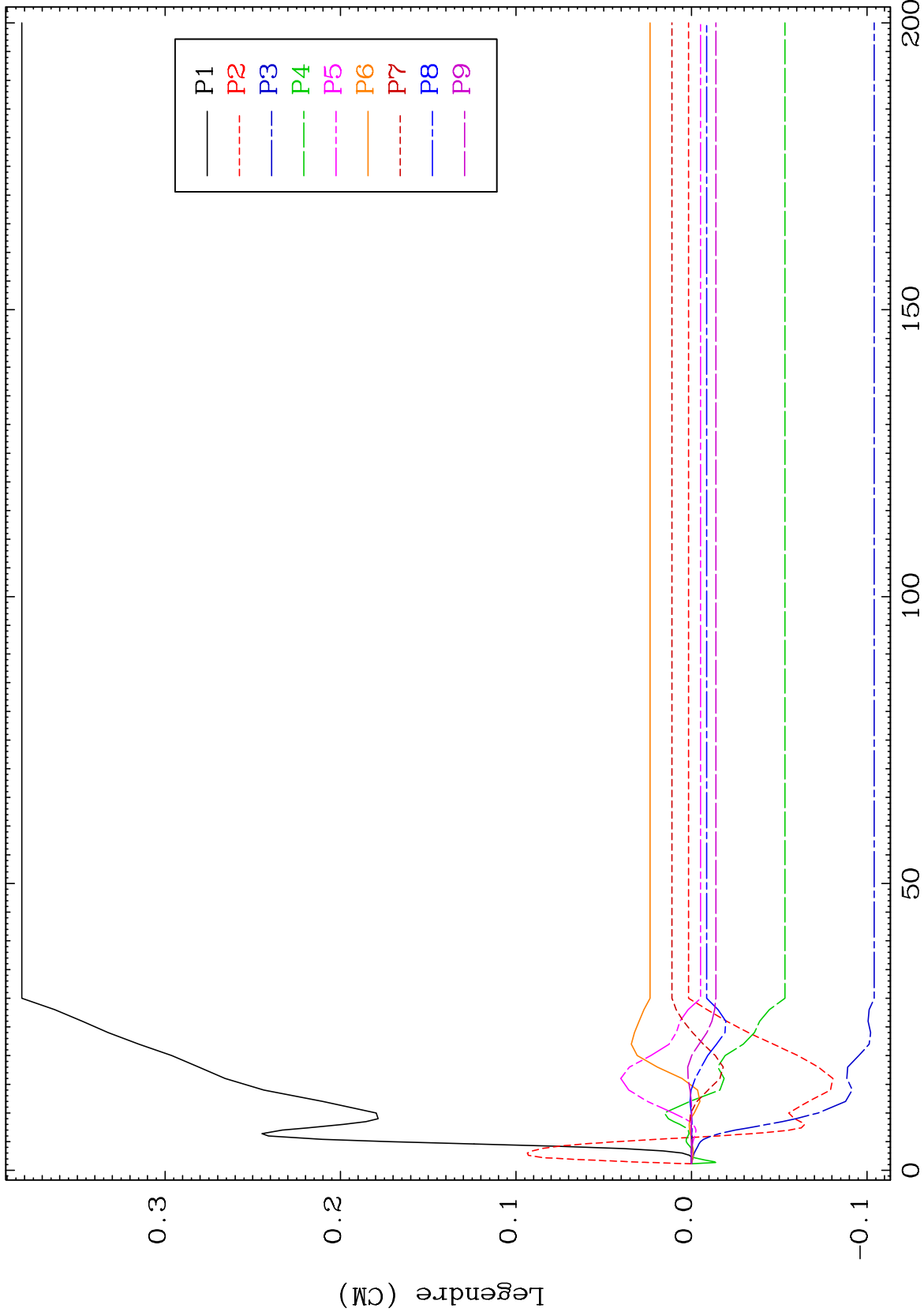
68-Er-180



MAT 6879

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

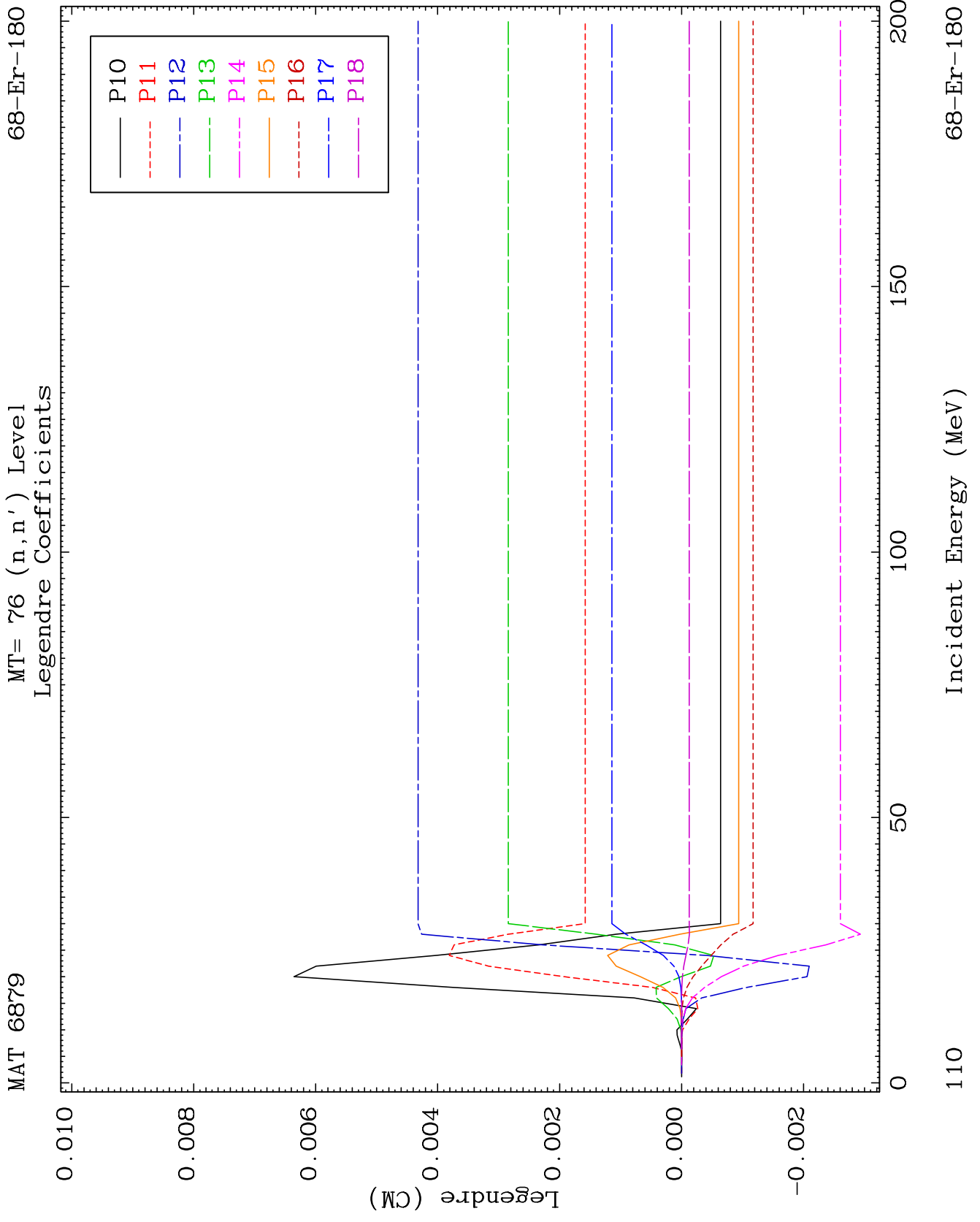
68-Er-180



109

Incident Energy (MeV)

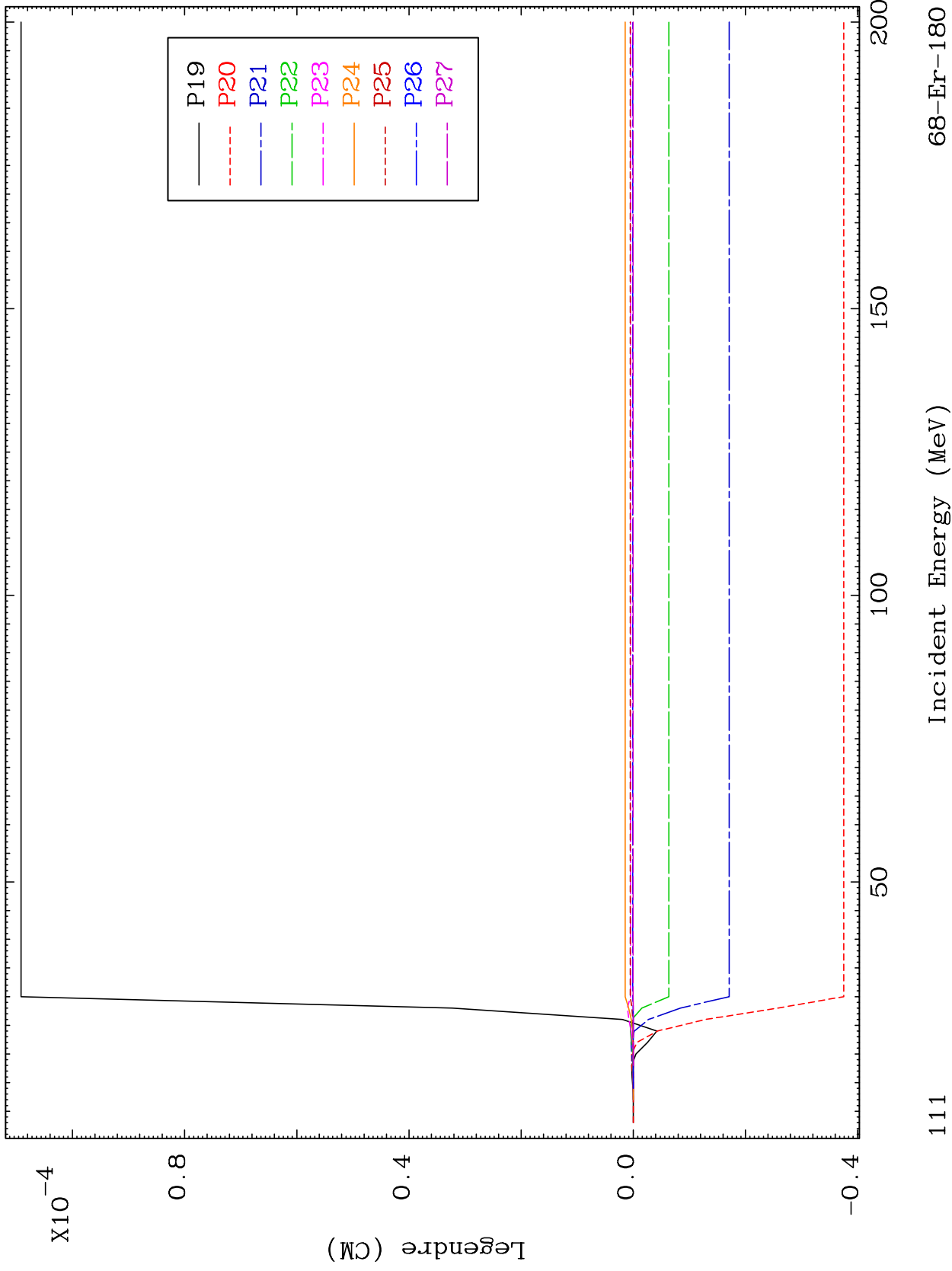
68-Er-180



MAT 6879

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

68-Er-180



111

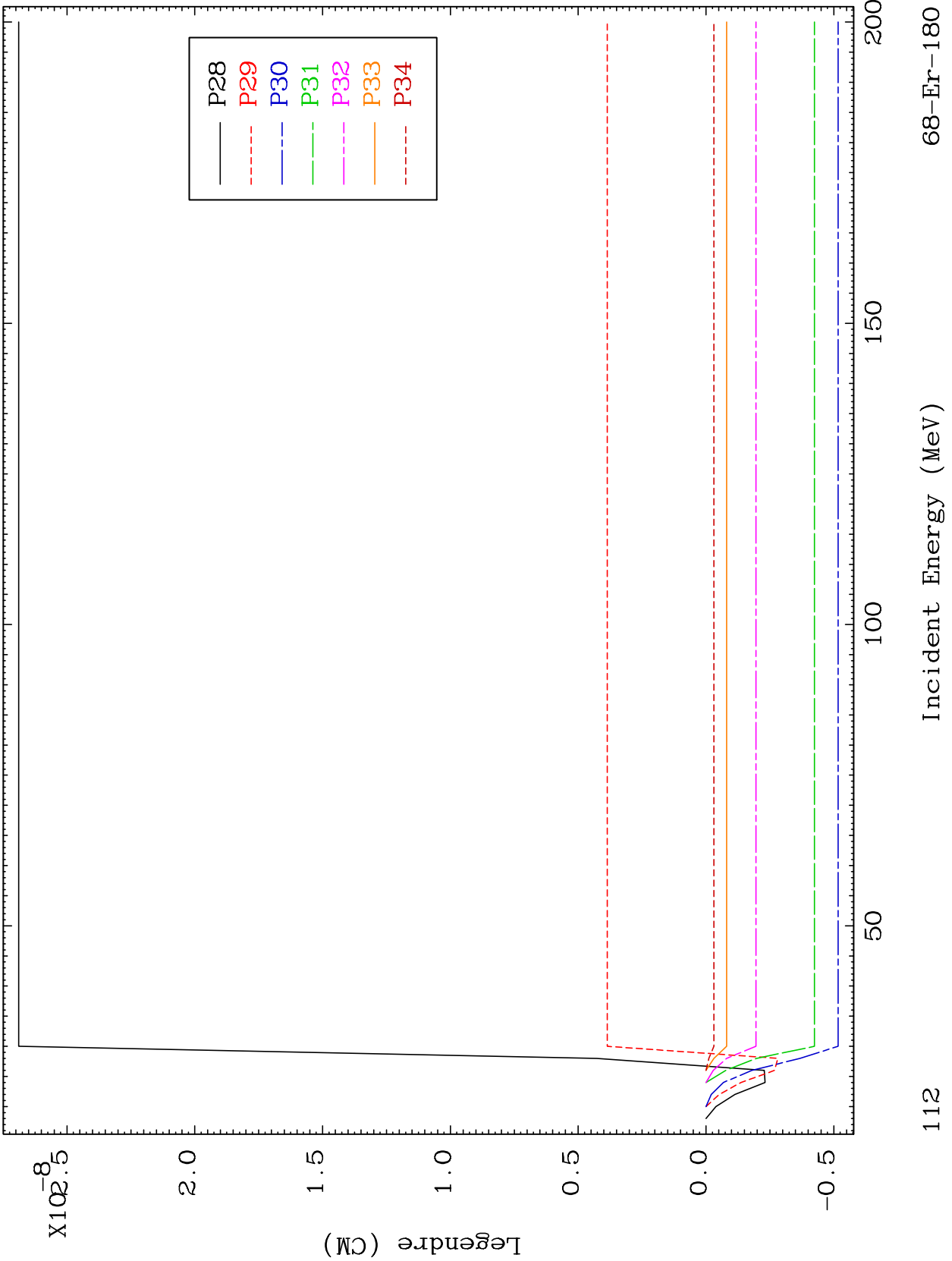
Incident Energy (MeV)

68-Er-180

MAT 6879

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

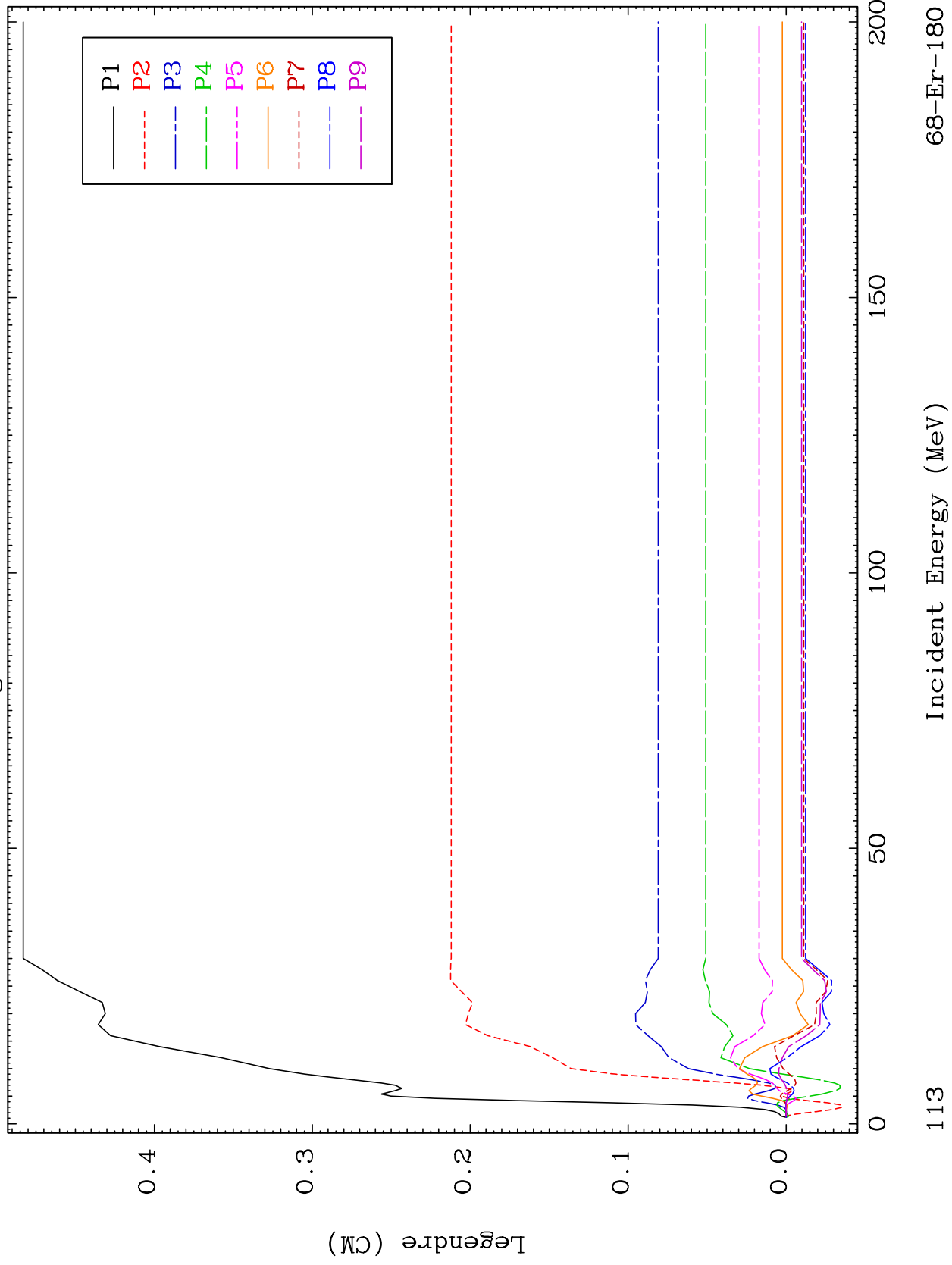
68-Er-180



MAT 6879

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

68-Er-180



68-Er-180

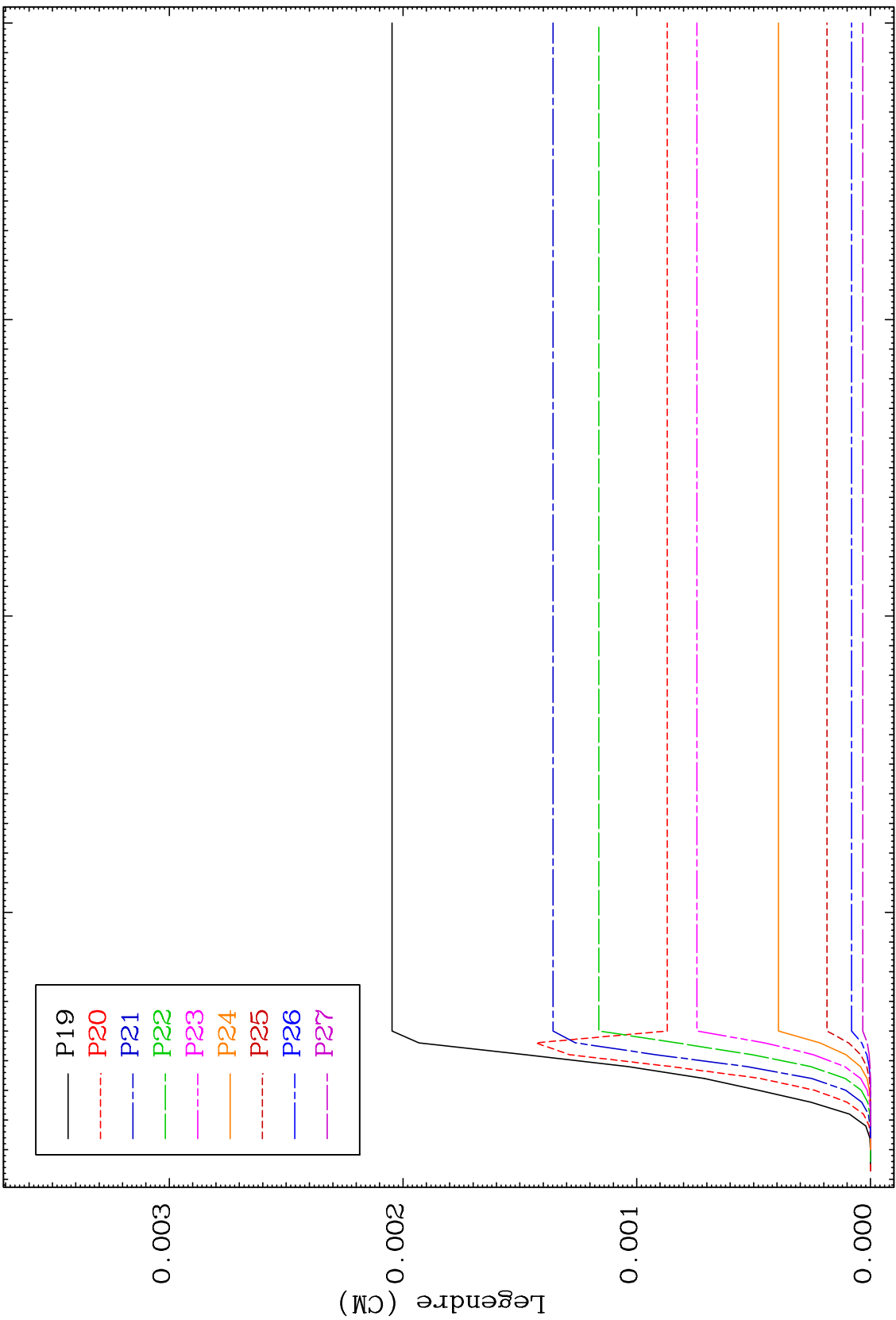
Incident Energy (MeV)

113

MAT 6879

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

68-Er-180



115

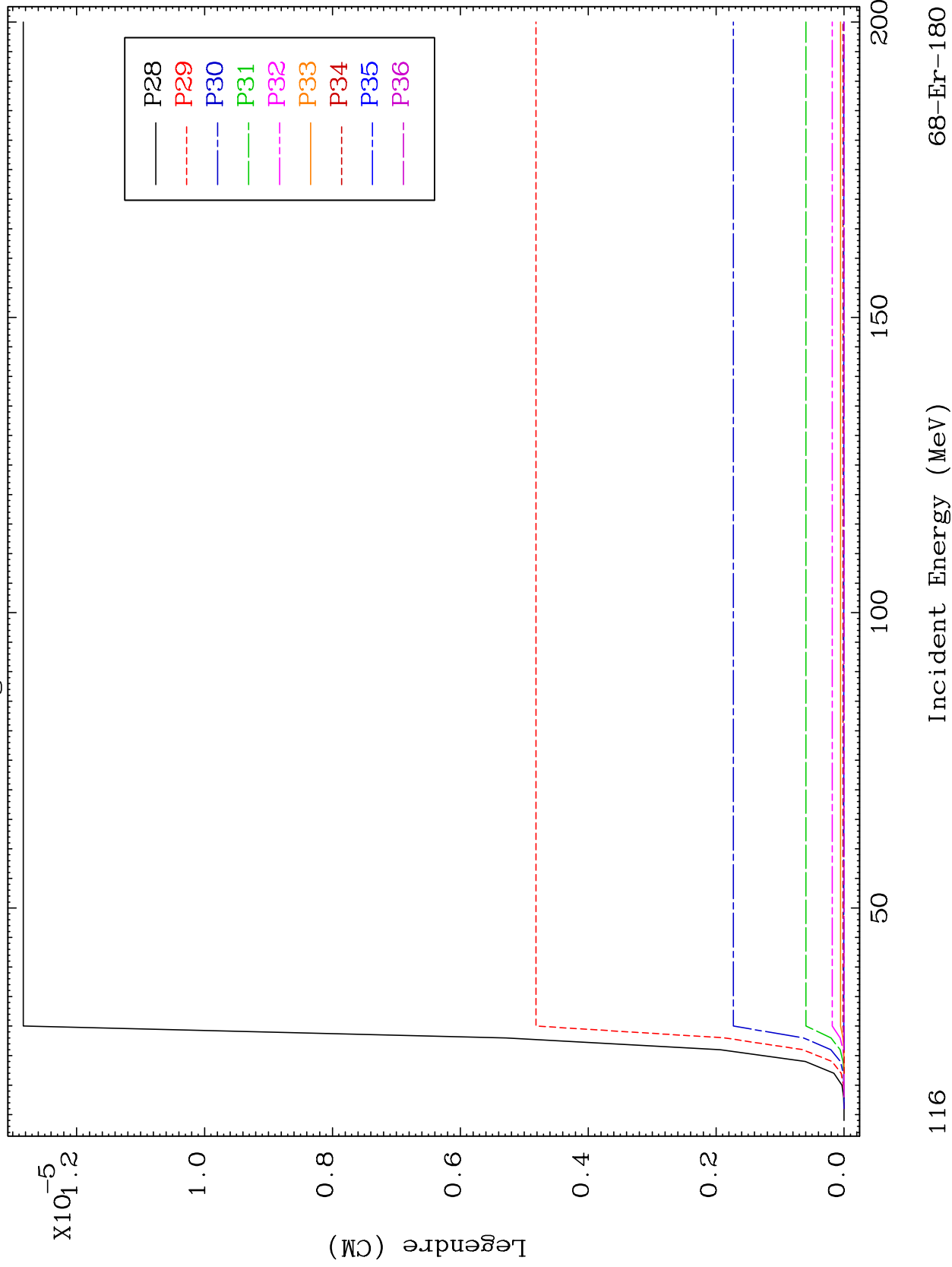
Incident Energy (MeV)

68-Er-180

MAT 6879

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

68-Er-180



116

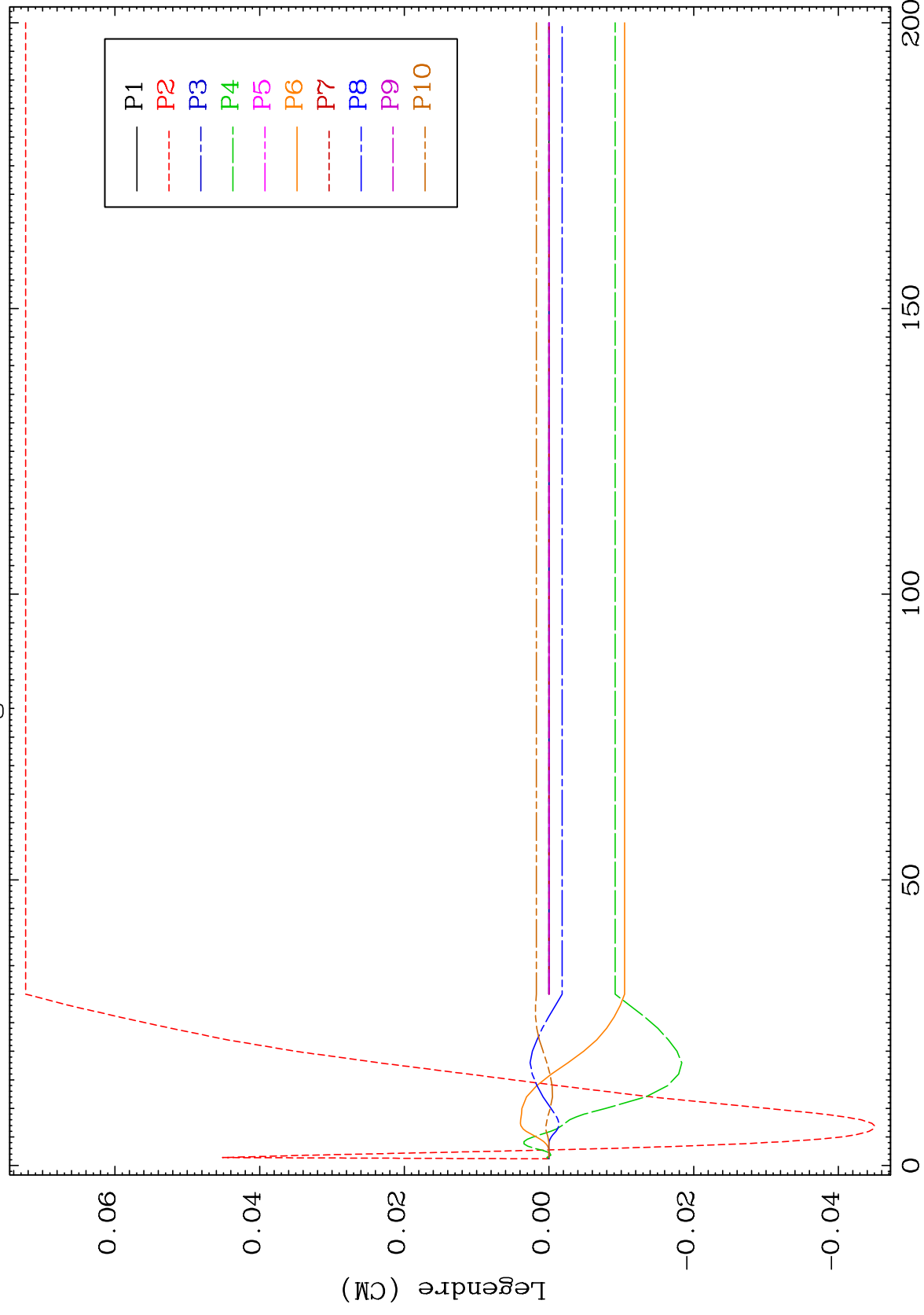
Incident Energy (MeV)

68-Er-180

MAT 6879

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

68-Er-180



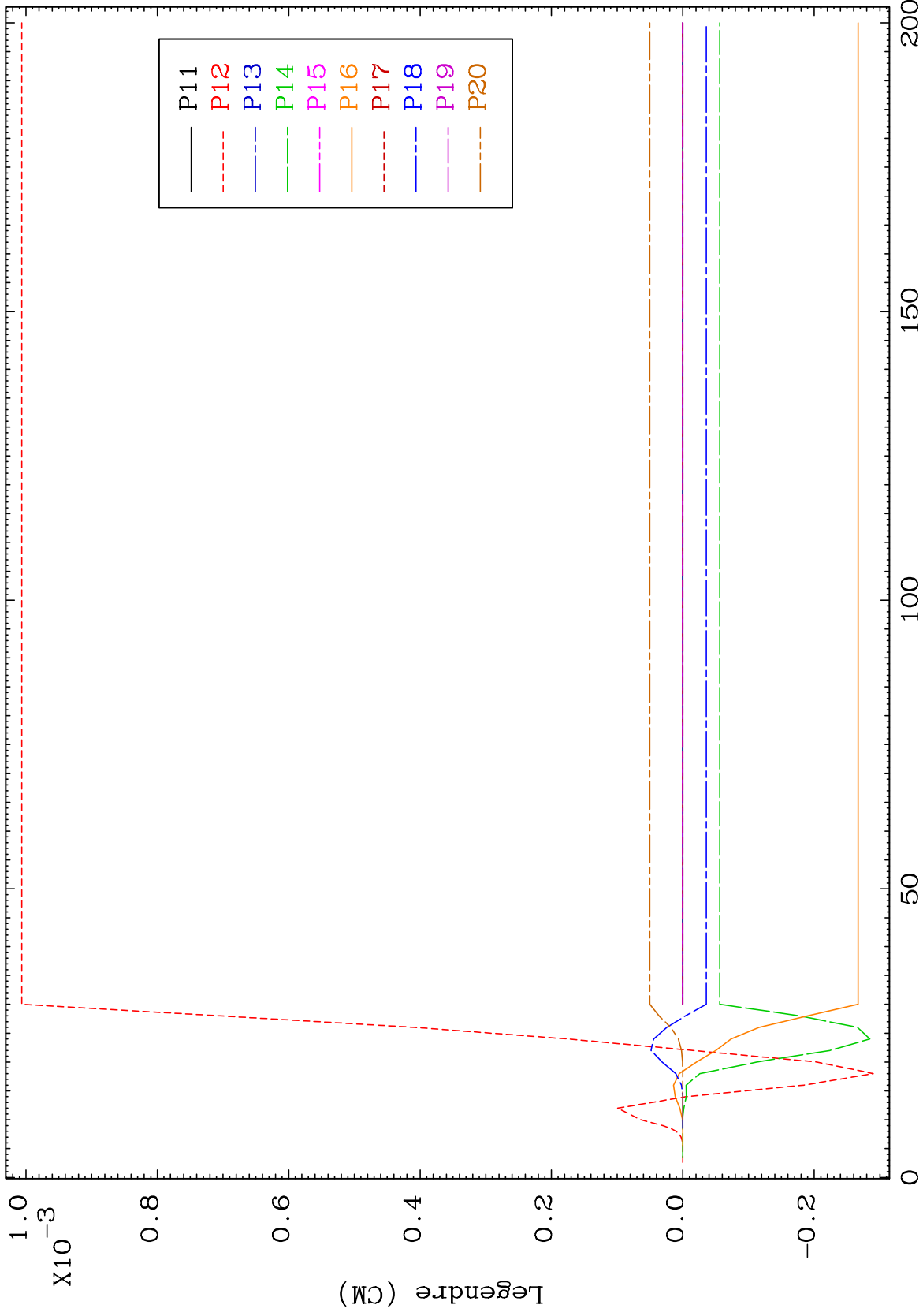
117

68-Er-180

MAT 6879

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

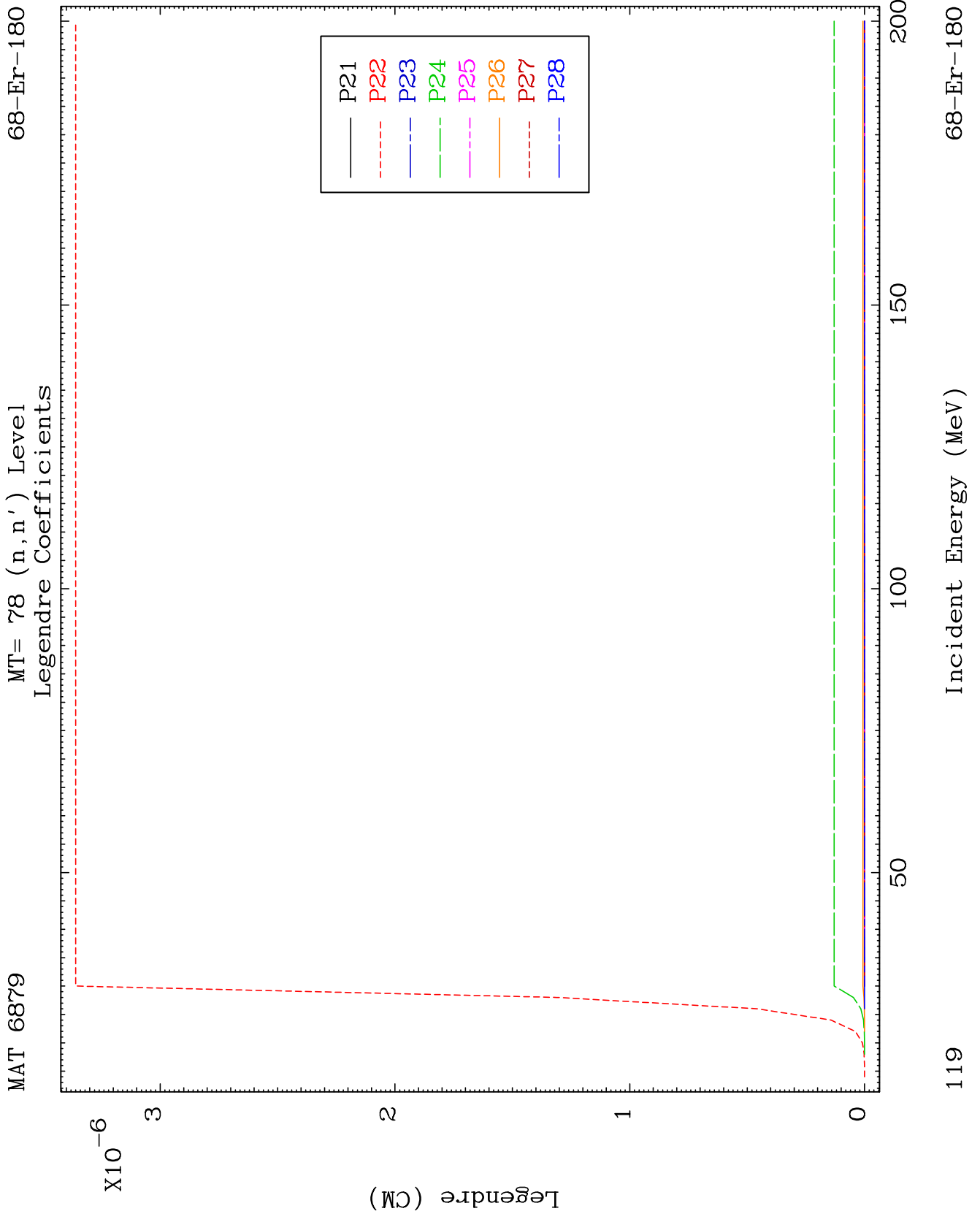
68-Er-180



118

Incident Energy (MeV)

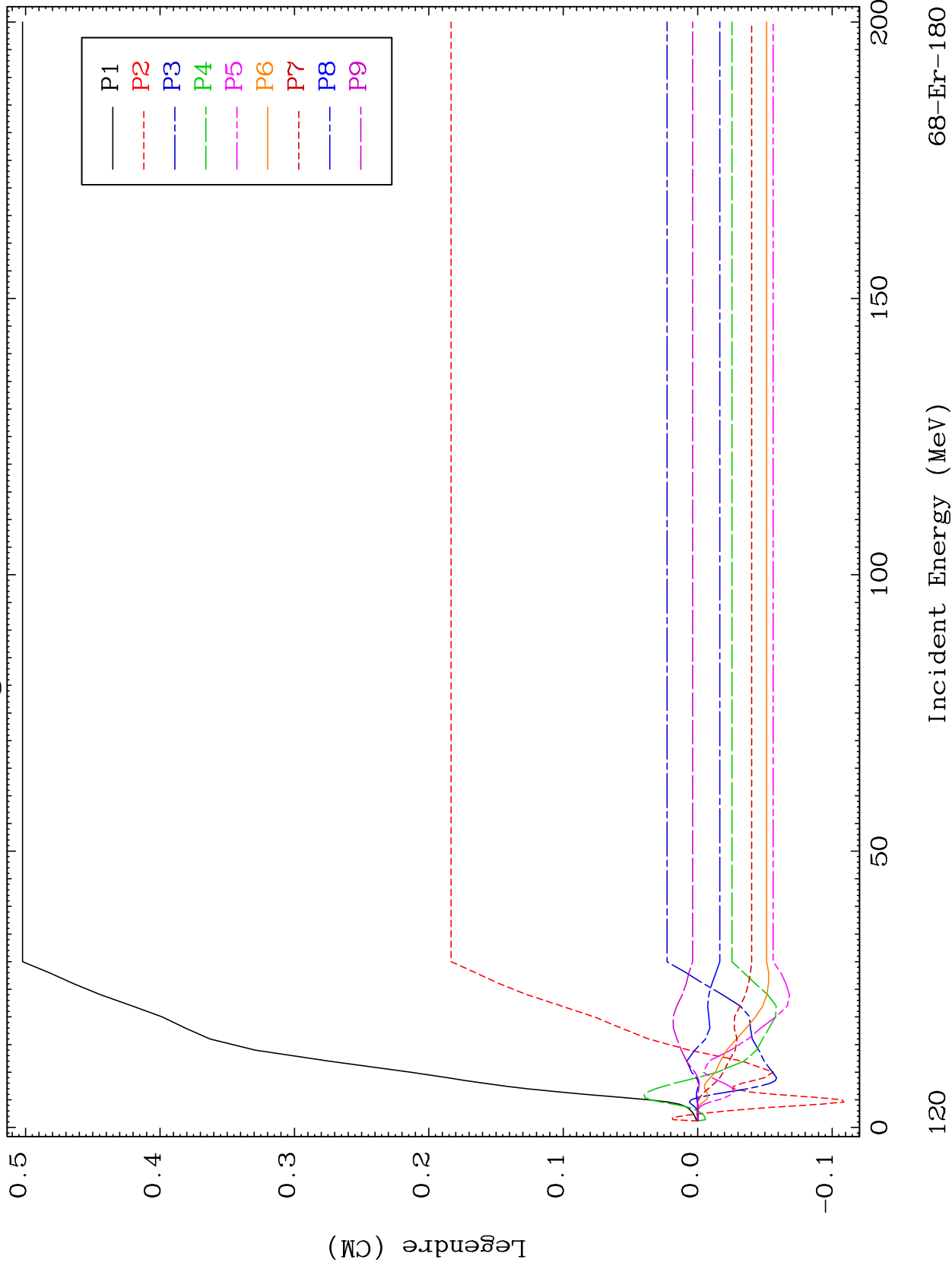
68-Er-180



MAT 6879

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

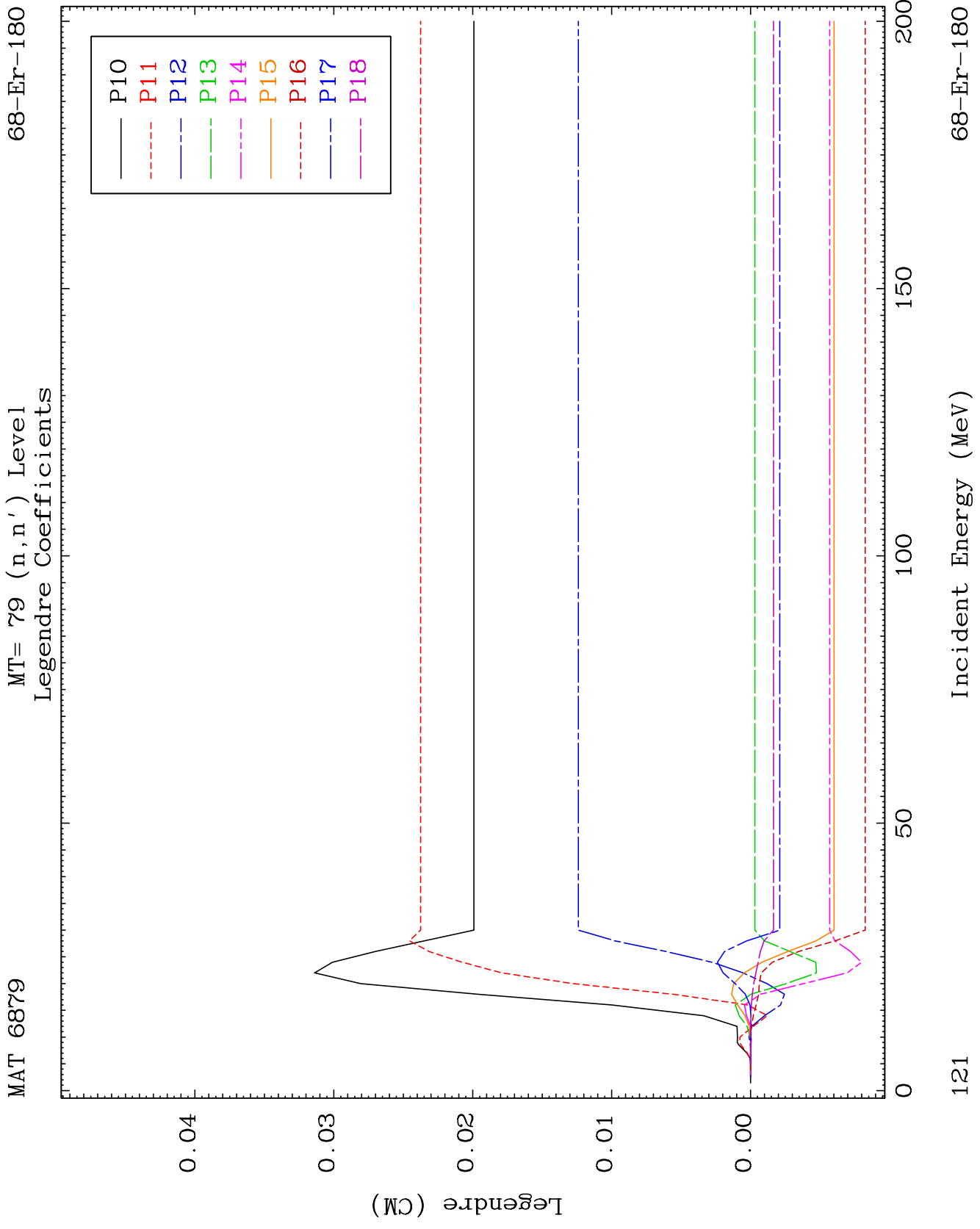
68-Er-180



68-Er-180

Incident Energy (MeV)

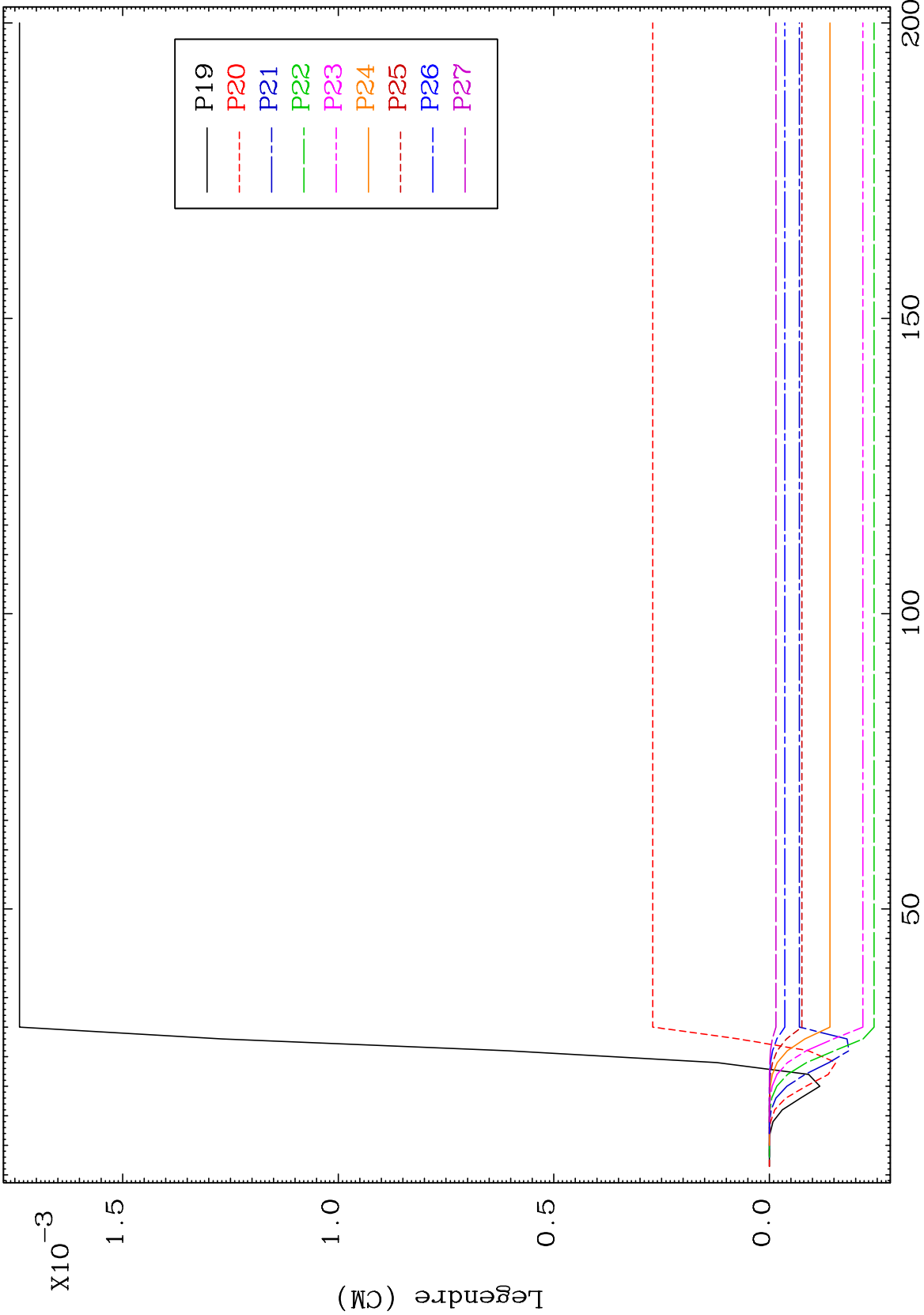
120



MAT 6879

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

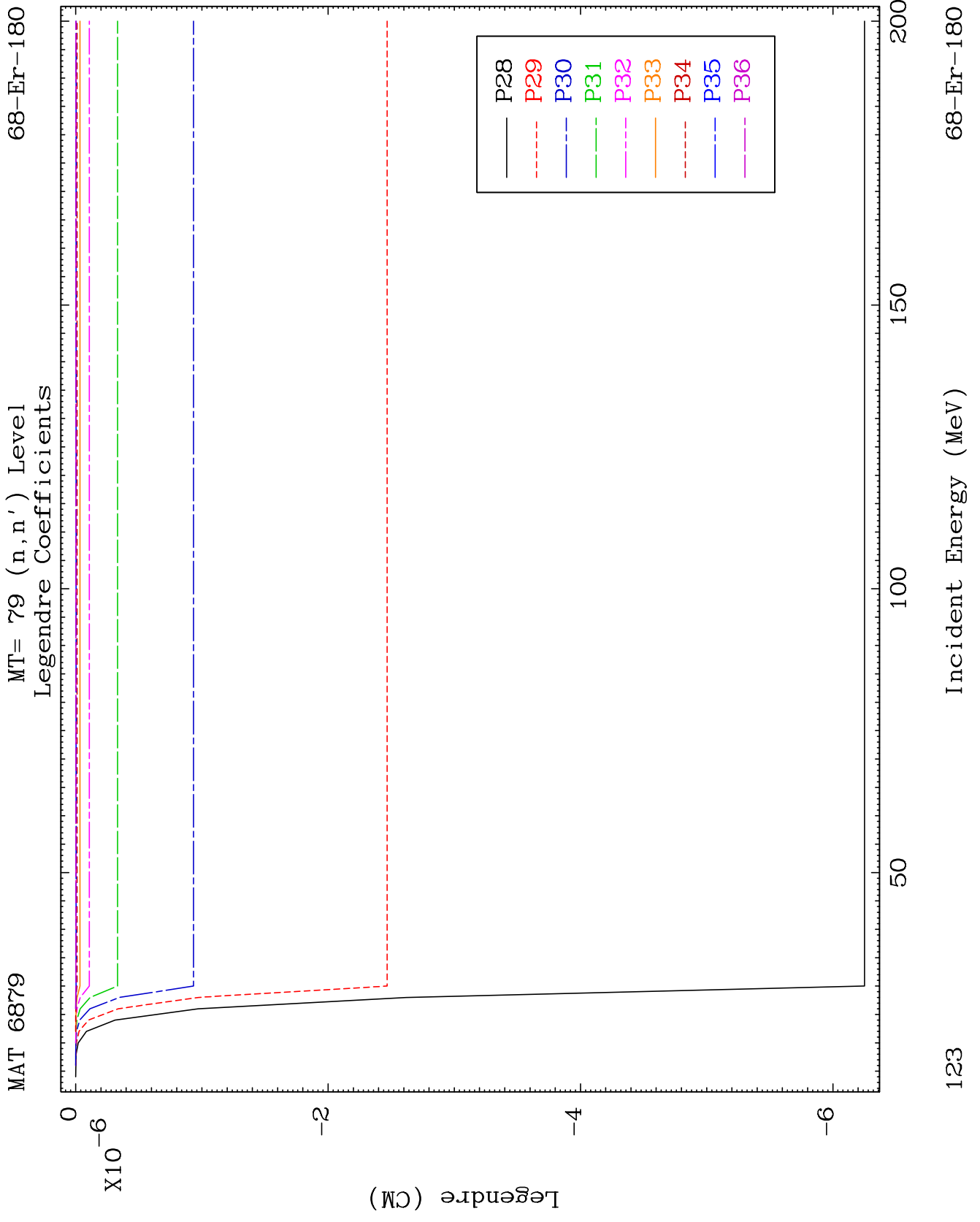
68-Er-180



122

Incident Energy (MeV)

68-Er-180

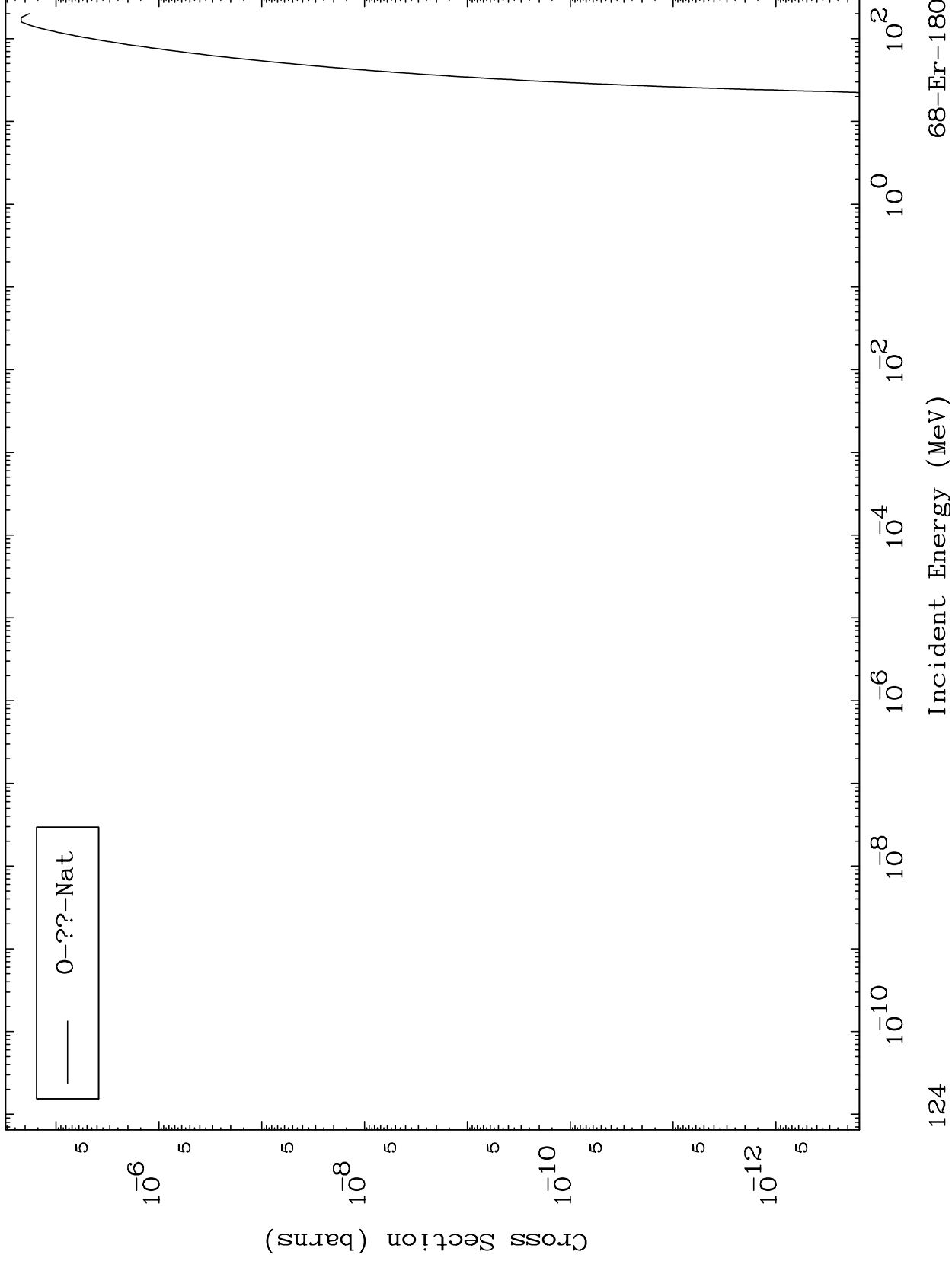


MAT 6879

Fission

68-Er-180

Radionuclide Production Cross Section



124

Incident Energy (MeV)

68-Er-180