

Program EVALPLOT
(Version 2018-1)

by

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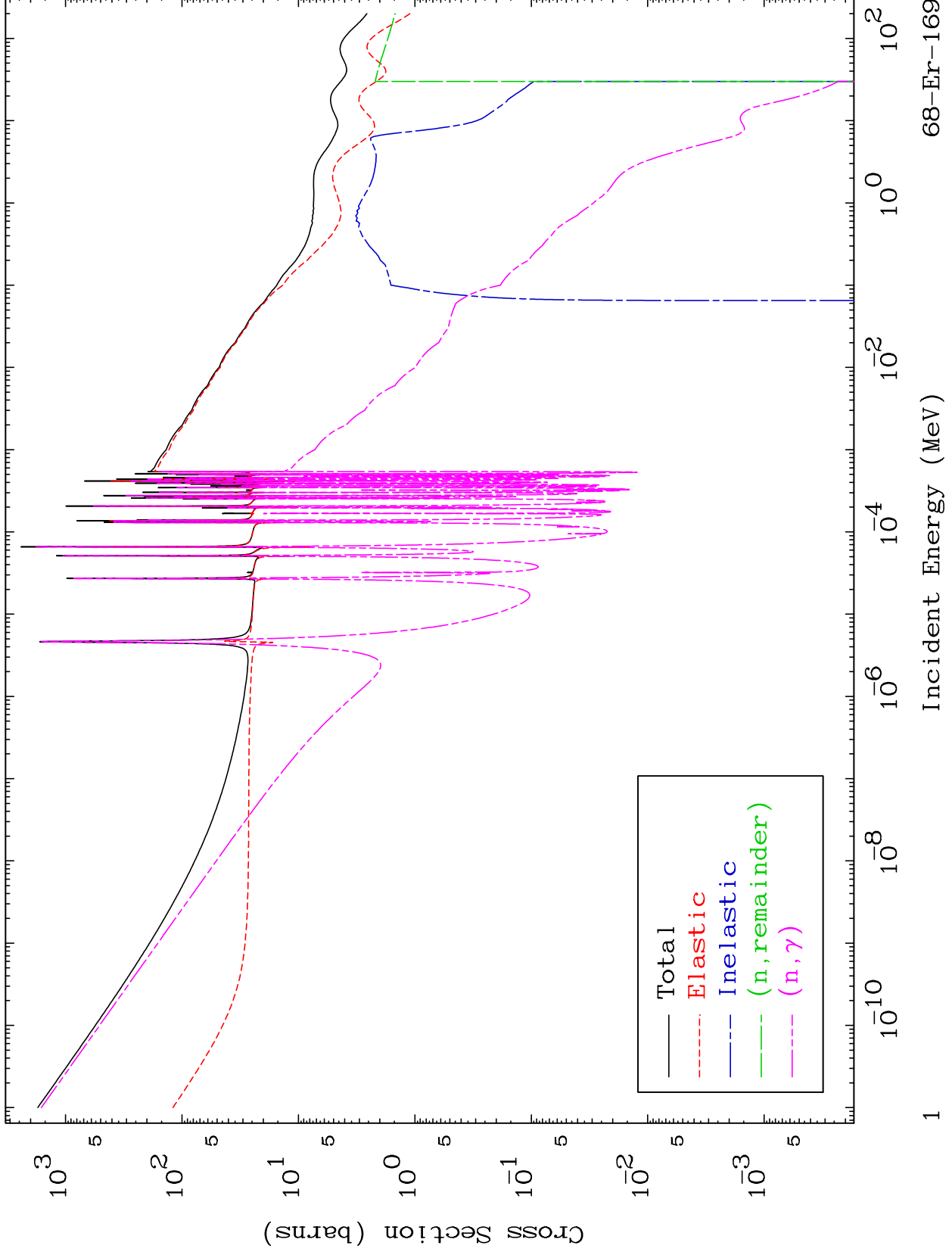
Press Mouse Button to Start

MAT 6846

Major

293 Kelvin Cross Sections

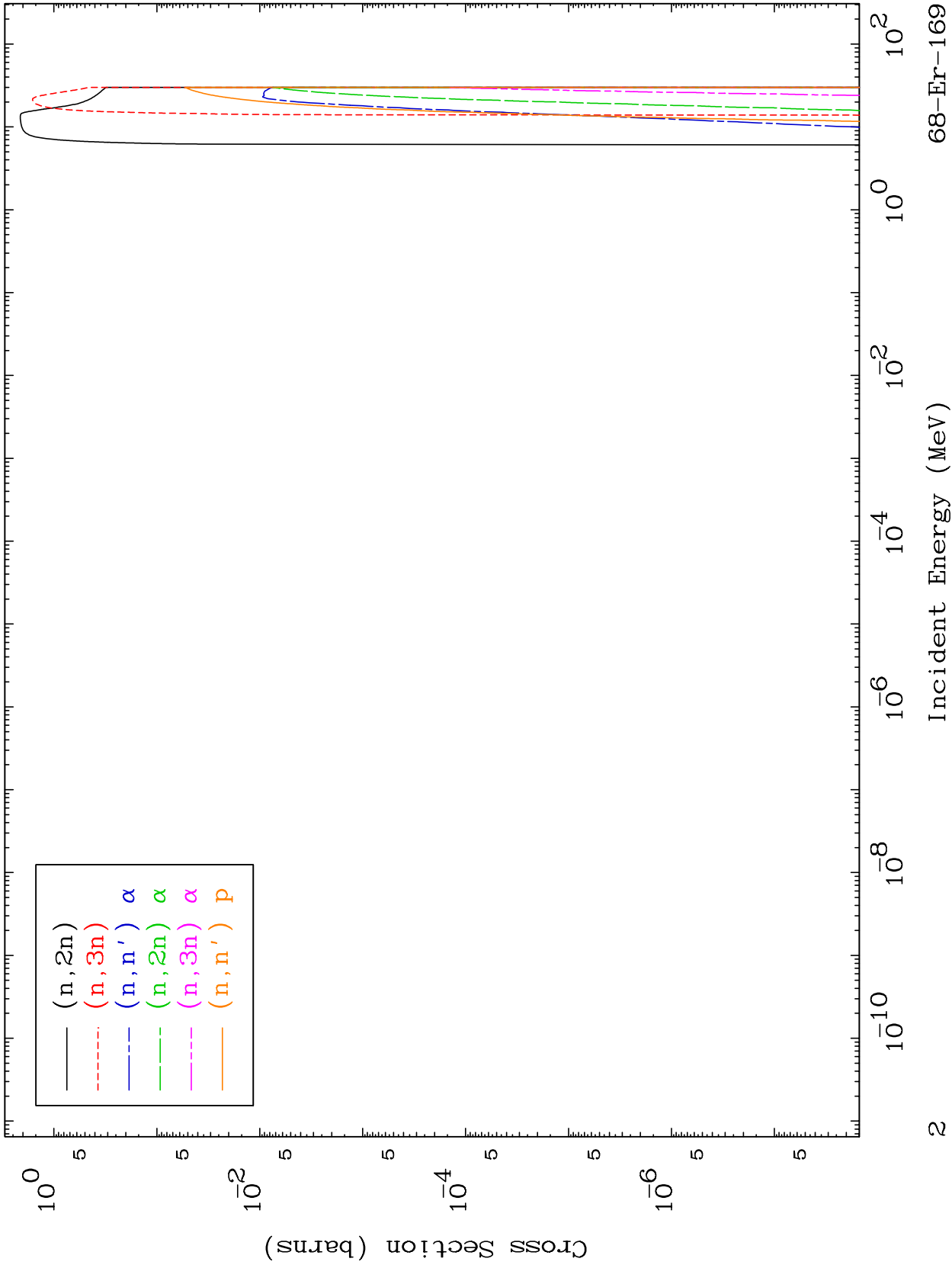
68-Er-169

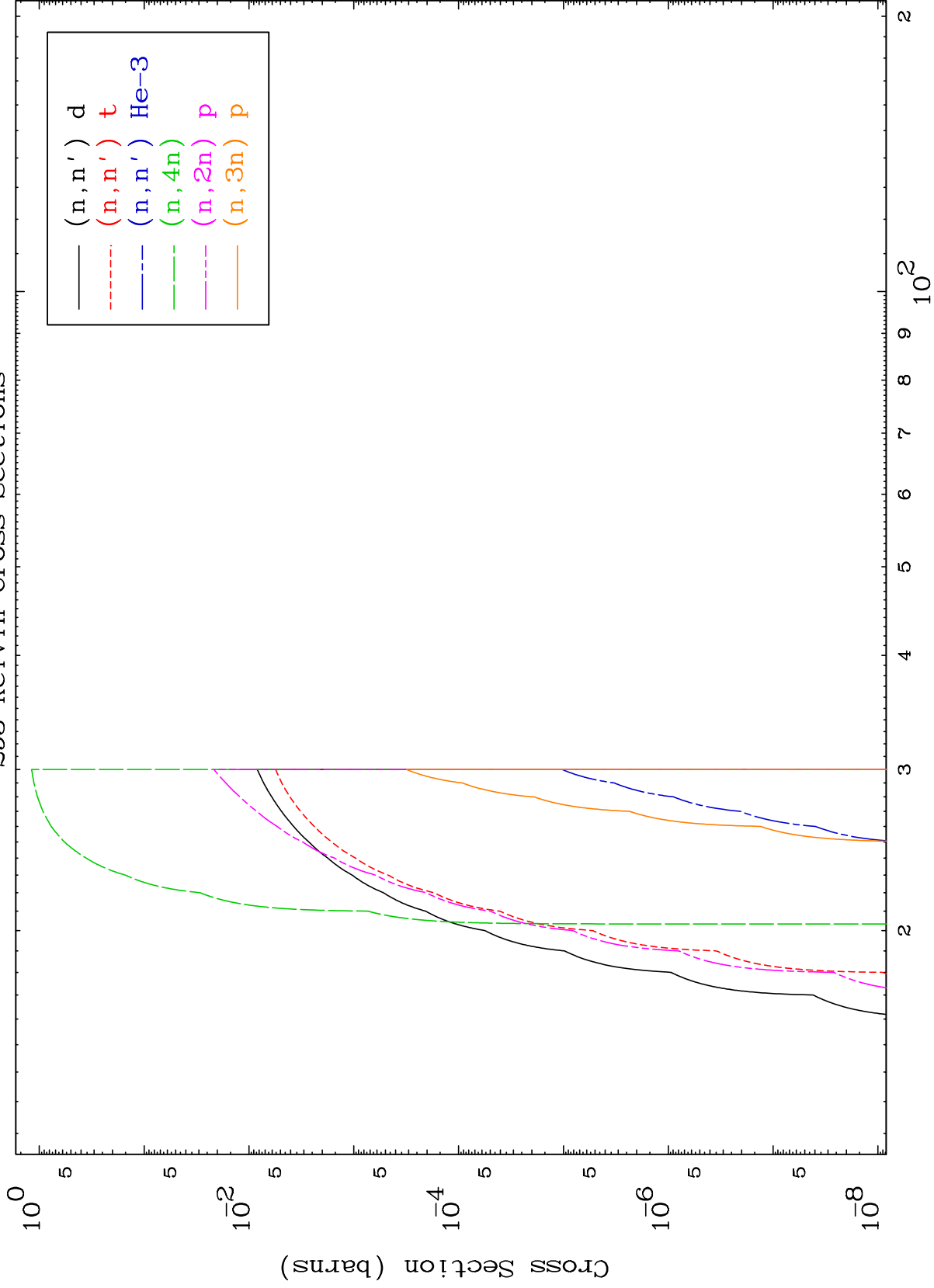


MAT 6846

Neutron Production
293 Kelvin Cross Sections

68-Er-169

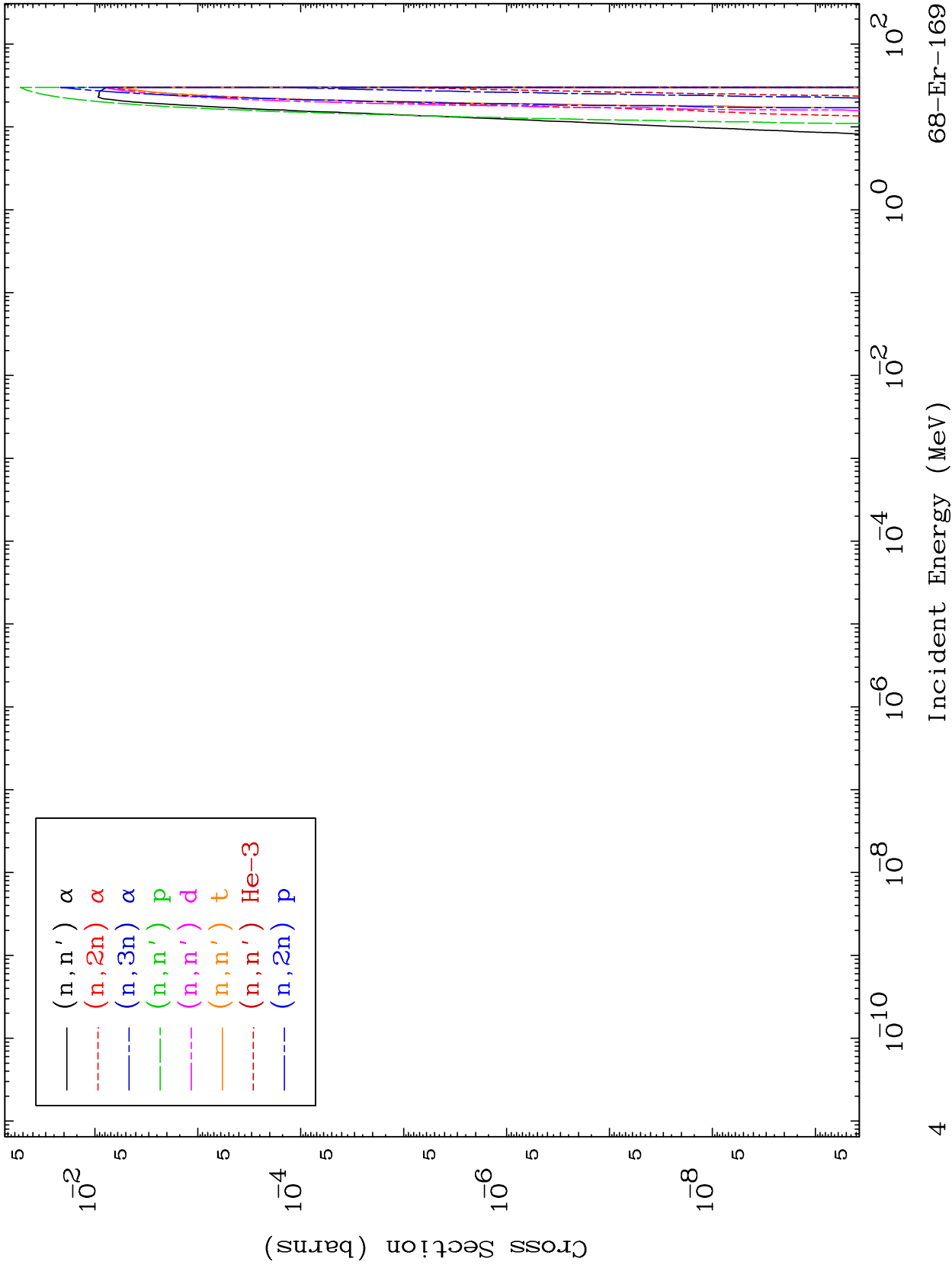




MAT 6846

Charged Particle
293 Kelvin Cross Sections

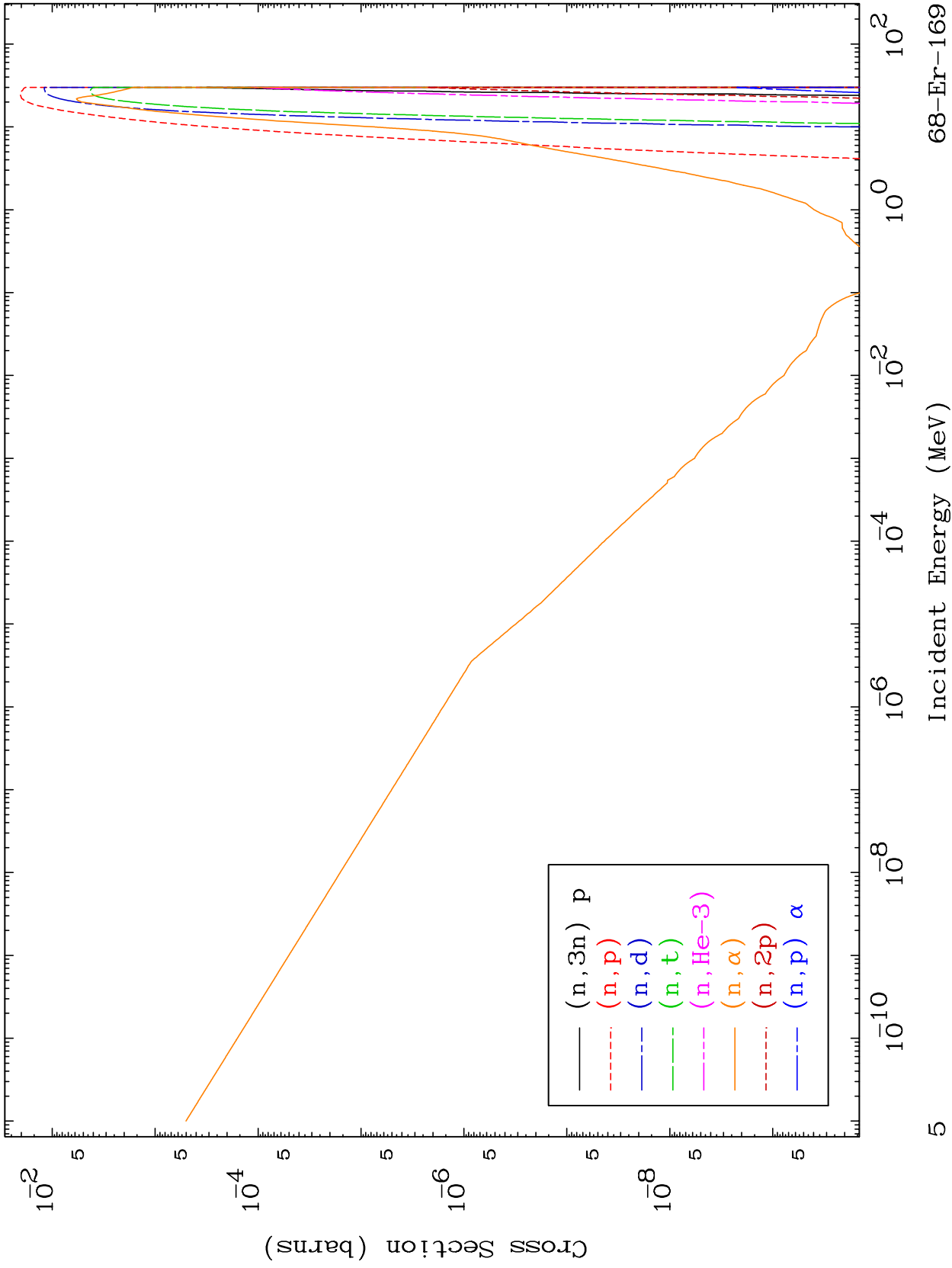
68-Er-169



MAT 6846

Charged Particle
293 Kelvin Cross Sections

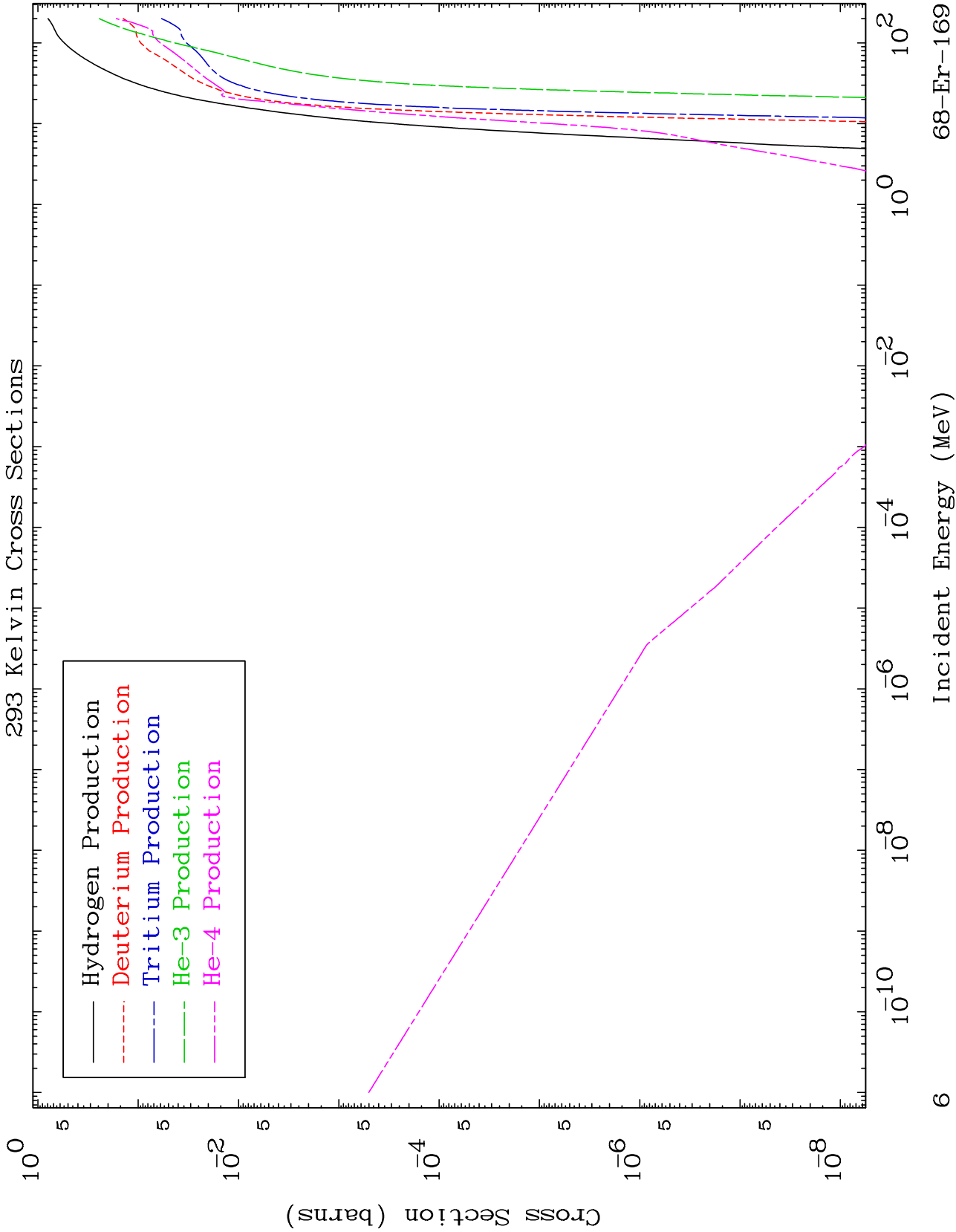
68-Er-169



MAT 6846

Particle Production
293 Kelvin Cross Sections

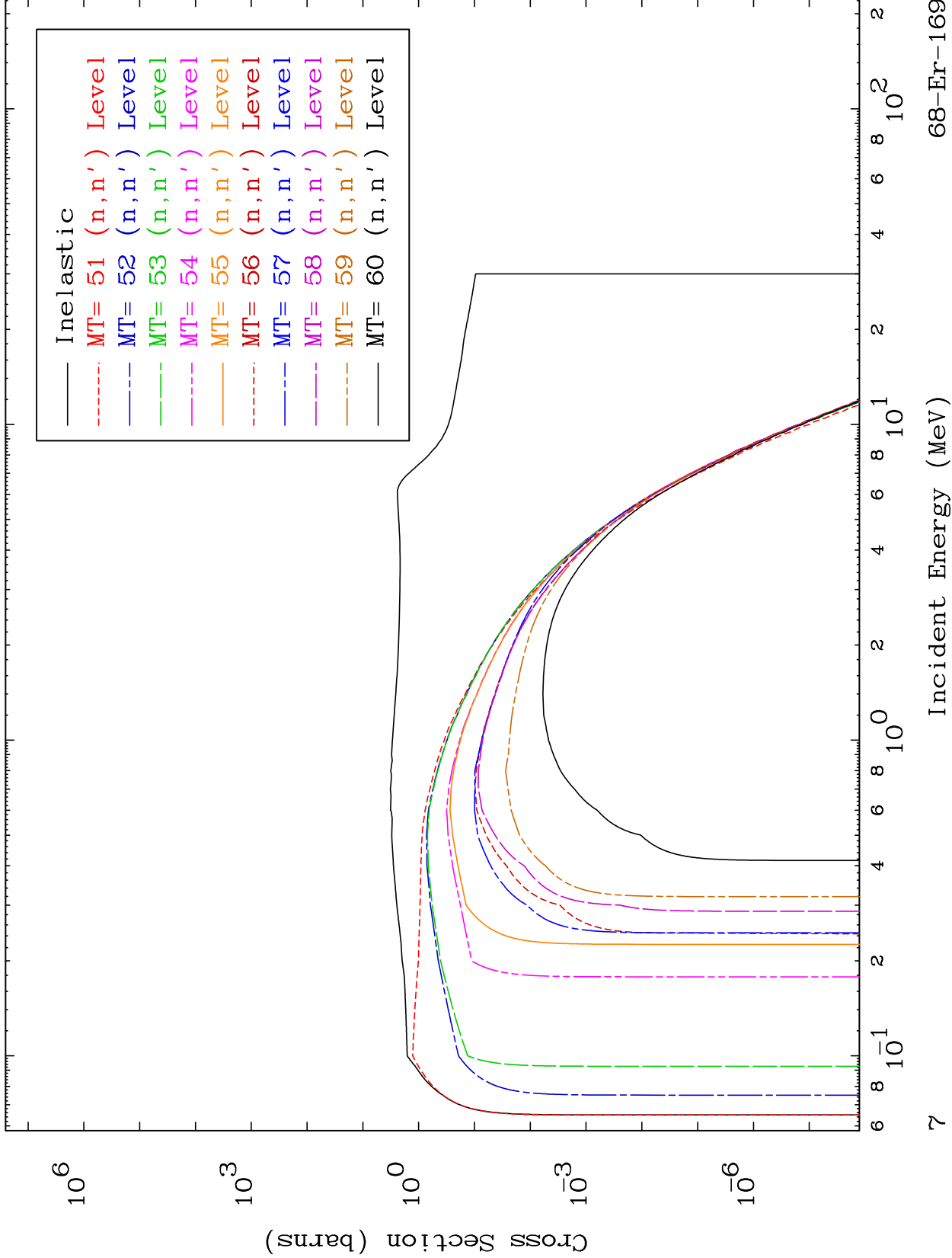
68-Er-169



Legend:

- Hydrogen Production (solid black line)
- Deuterium Production (dashed red line)
- Tritium Production (dash-dot blue line)
- He-3 Production (dashed green line)
- He-4 Production (dash-dot magenta line)

293 Kelvin Cross Sections

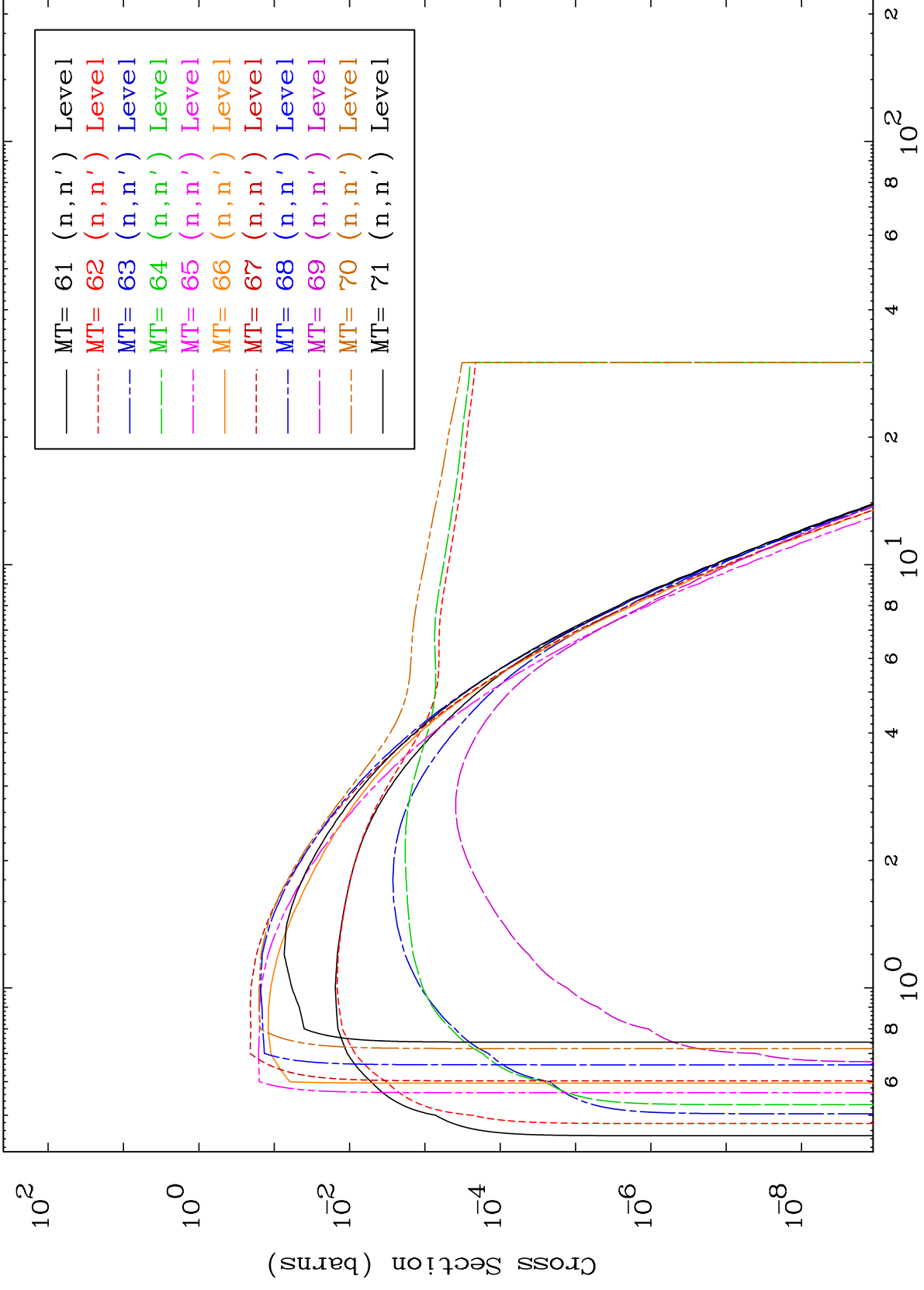


MAT 6846

(n,n') Level

68-Er-169

293 Kelvin Cross Sections

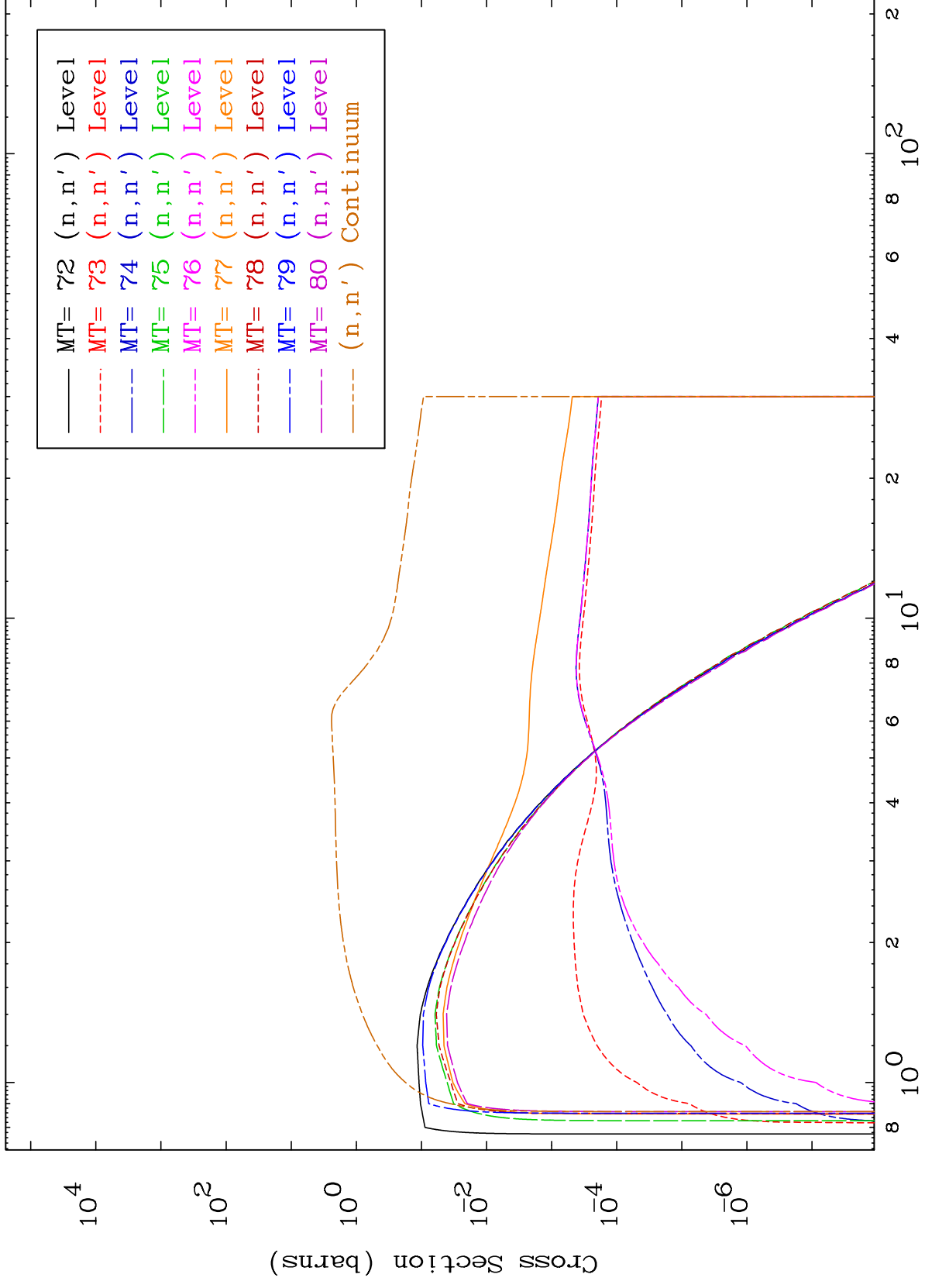


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Incident Energy (MeV)

68-Er-169

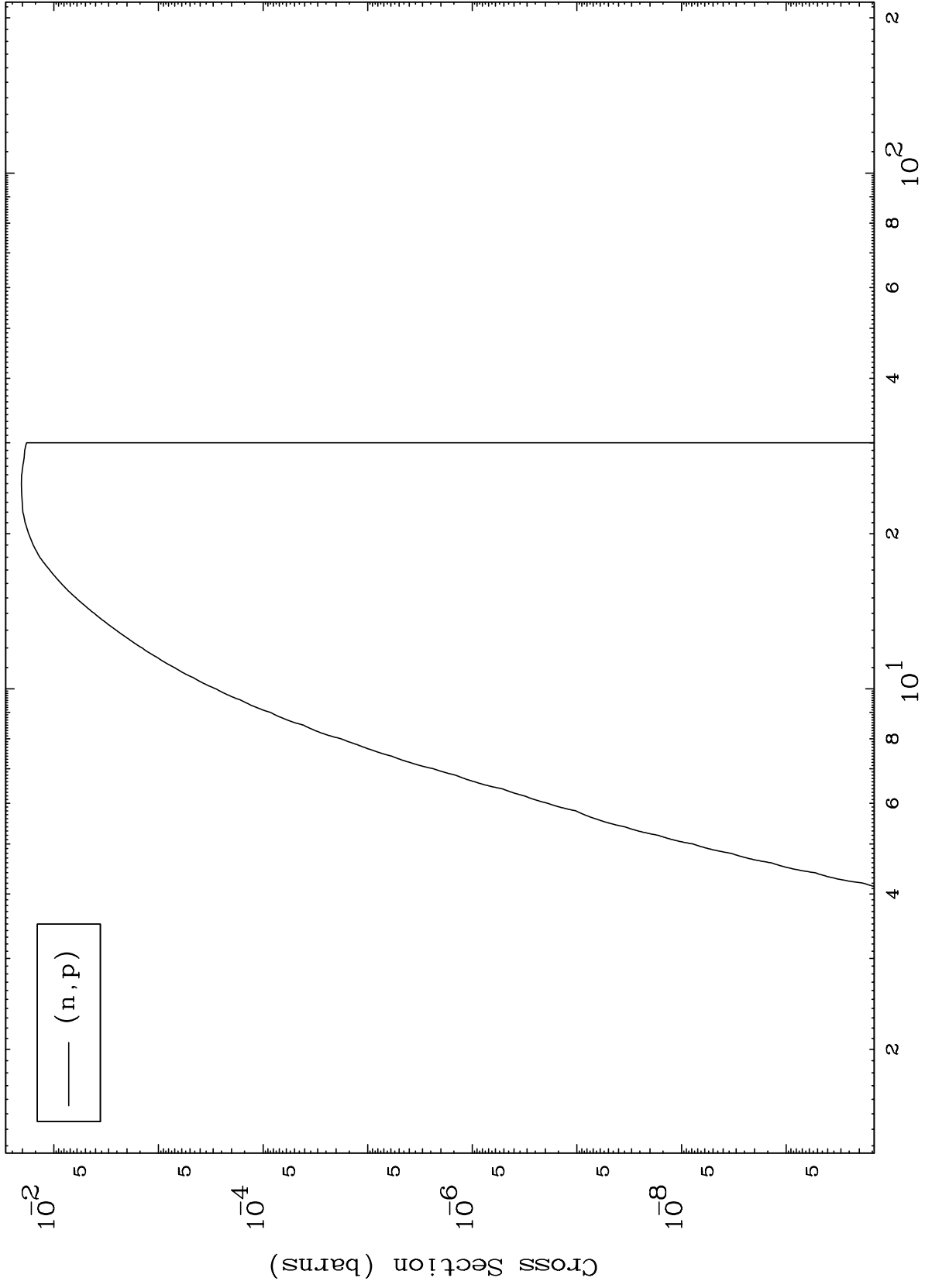
293 Kelvin Cross Sections



MAT 6846

(n,p) Levels
293 Kelvin Cross Sections

68-Er-169



10

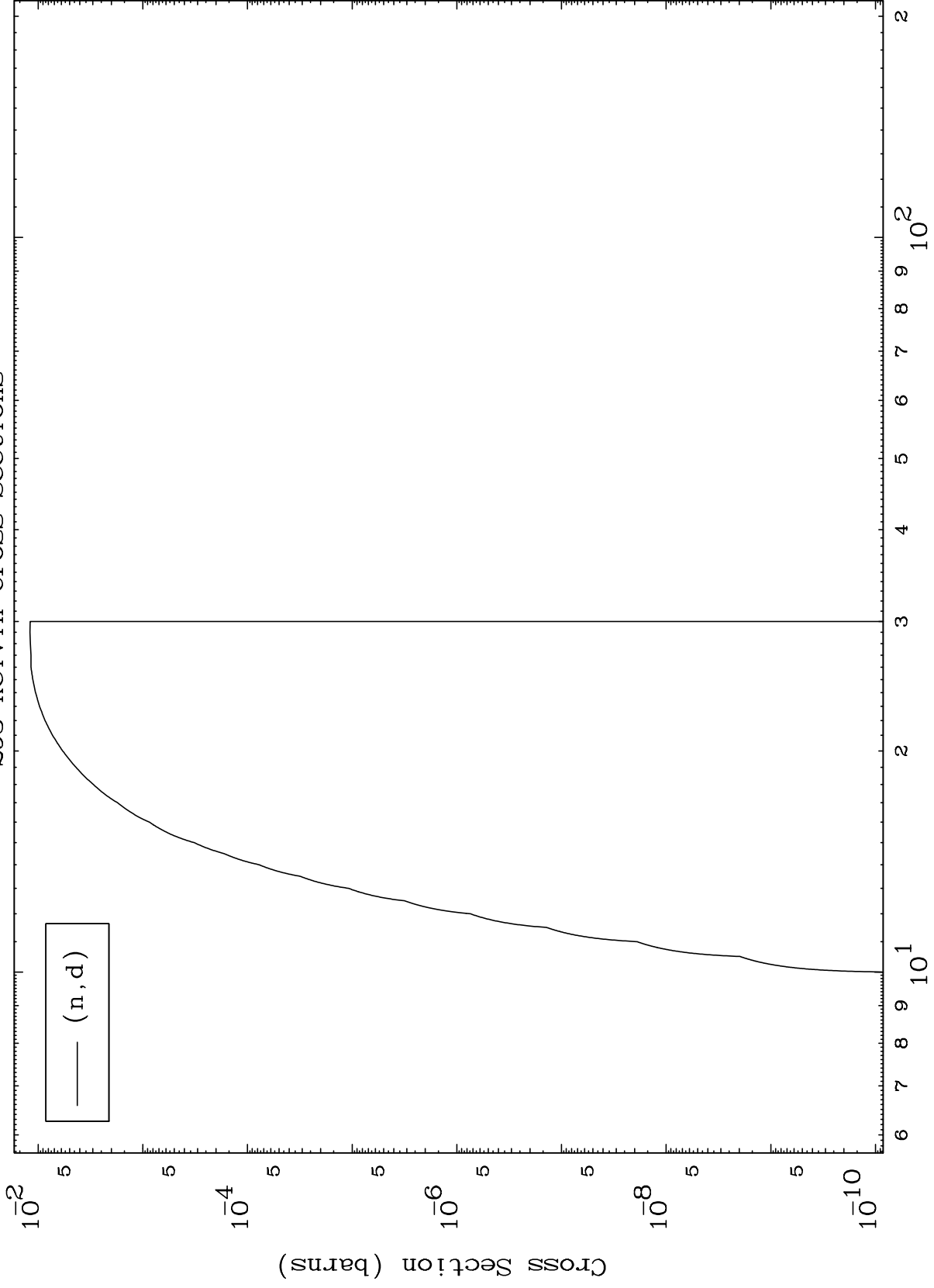
Incident Energy (MeV)

68-Er-169

MAT 6846

(n,d) Levels
293 Kelvin Cross Sections

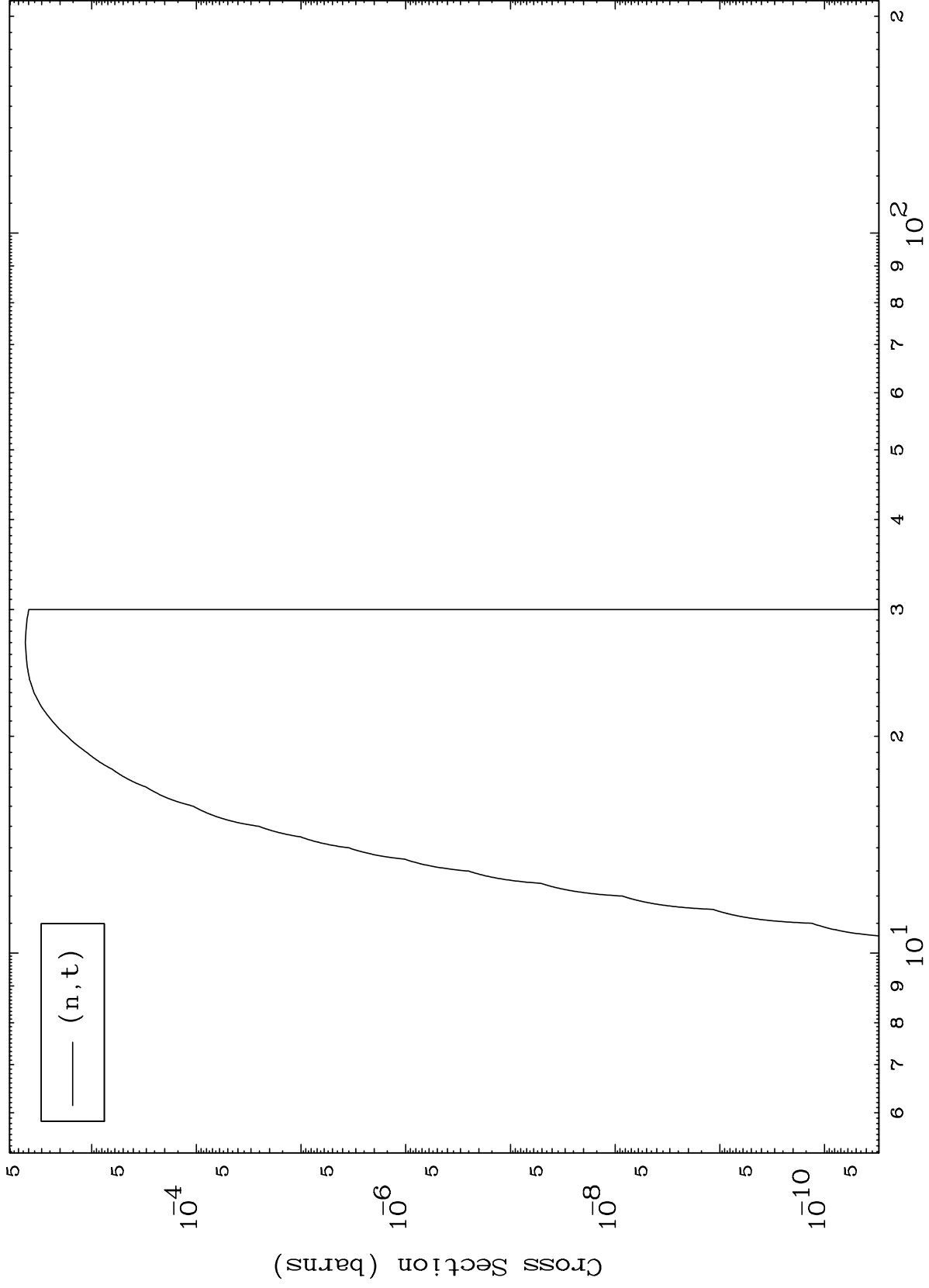
68-Er-169



MAT 6846

(n,t) Levels
293 Kelvin Cross Sections

68-Er-169



12

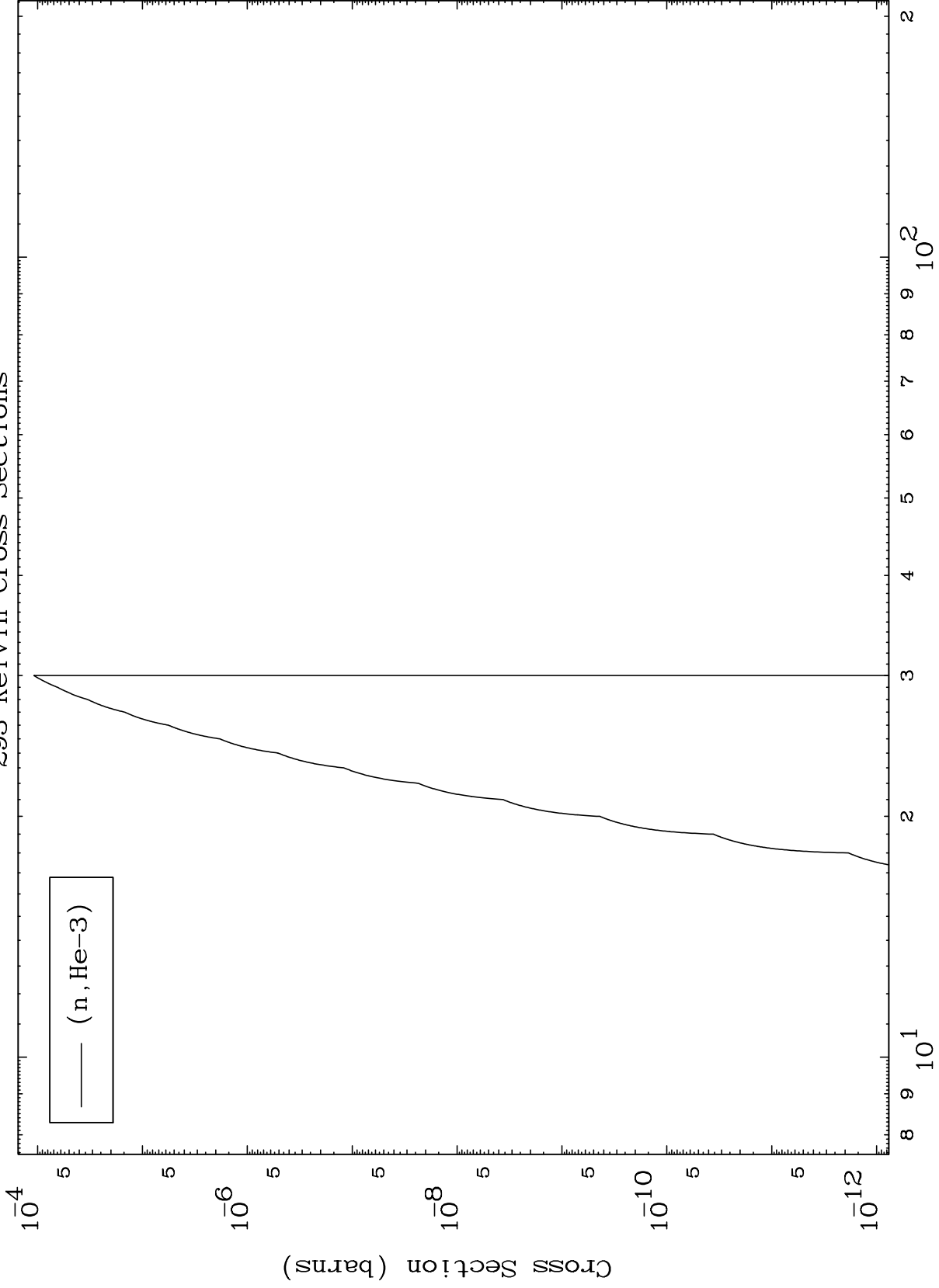
Incident Energy (MeV)

68-Er-169

MAT 6846

(n,He3) Levels
293 Kelvin Cross Sections

68-Er-169



13

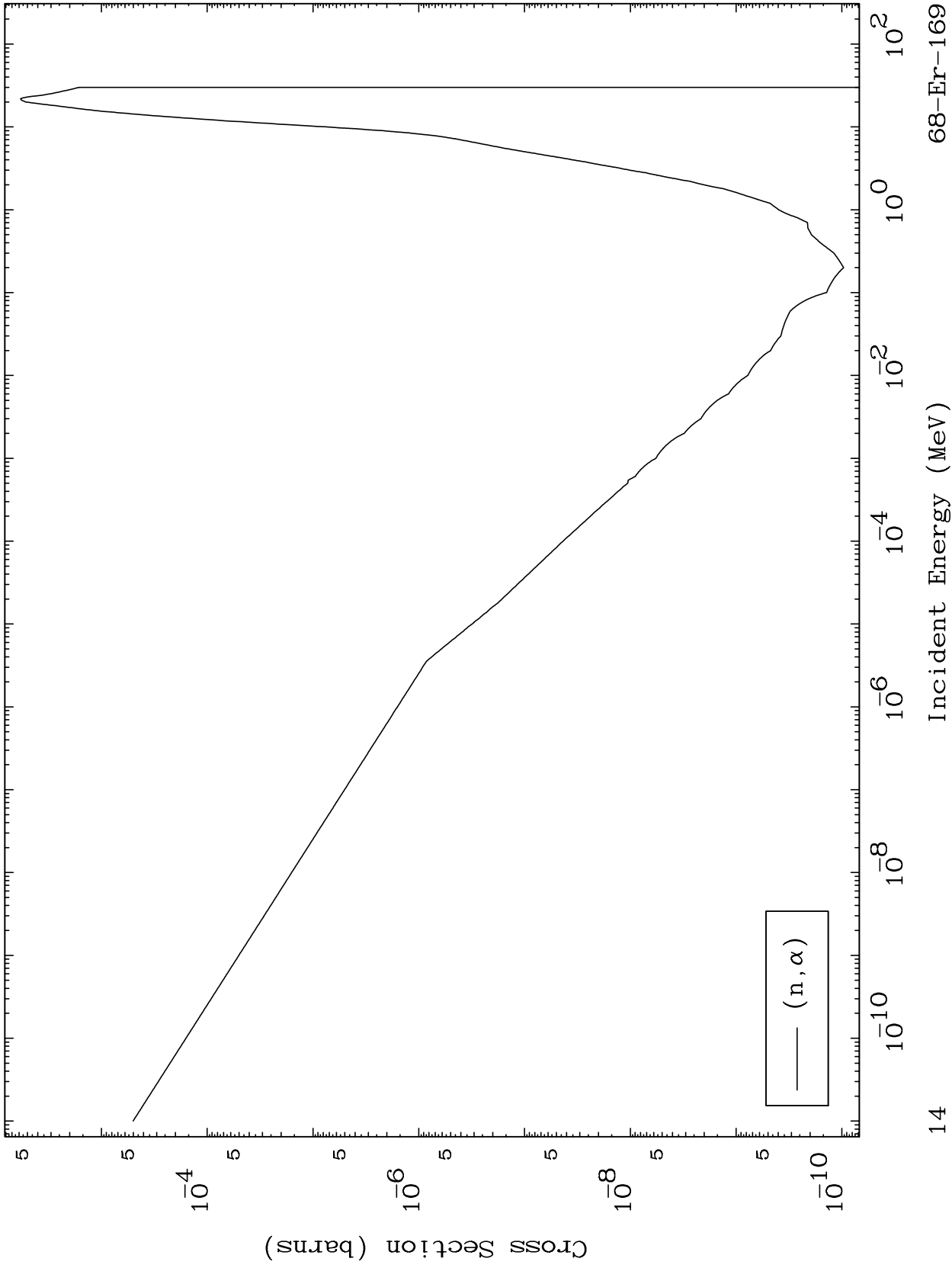
Incident Energy (MeV)

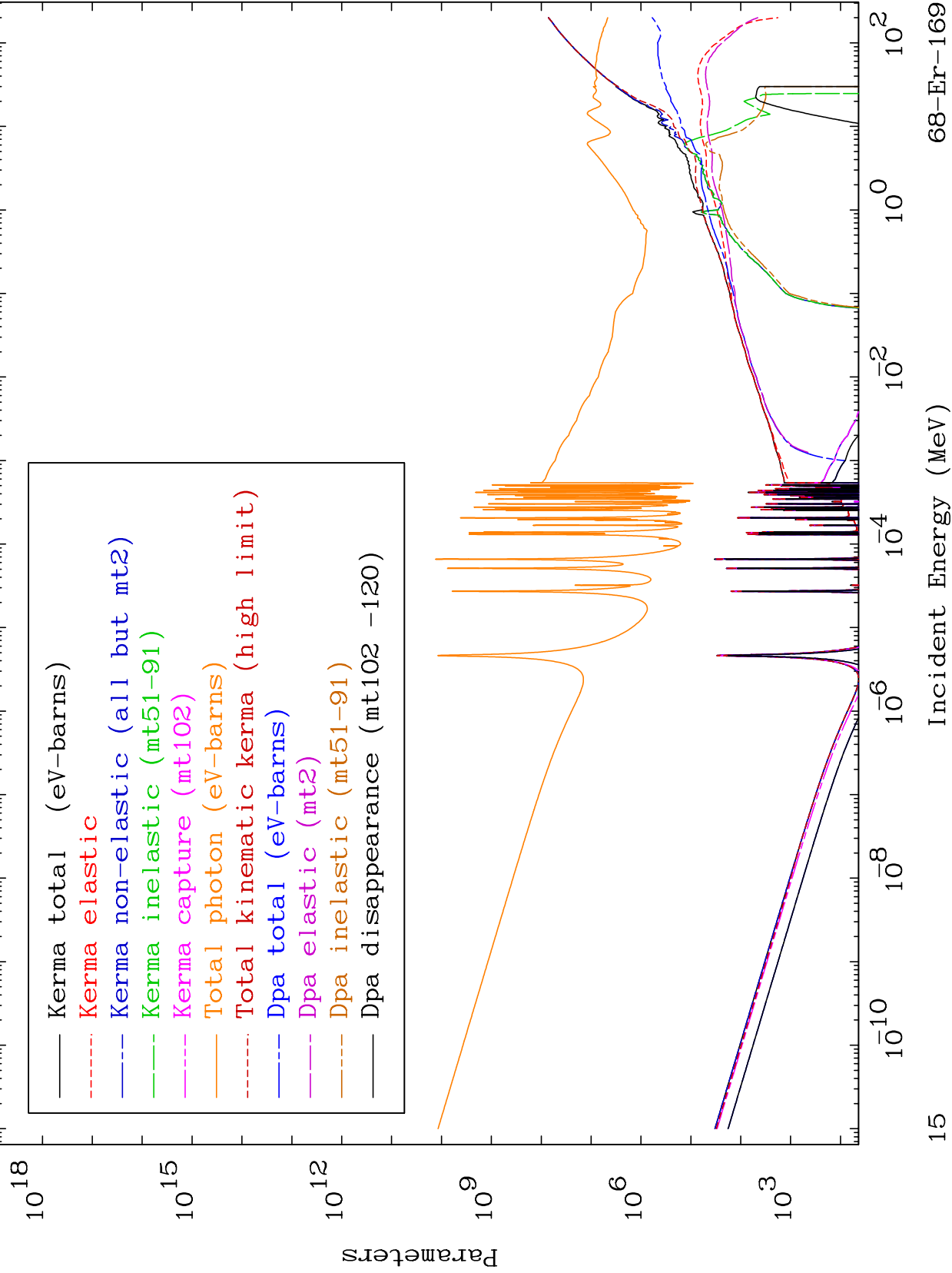
68-Er-169

MAT 6846

(n, α) Levels
293 Kelvin Cross Sections

68-Er-169

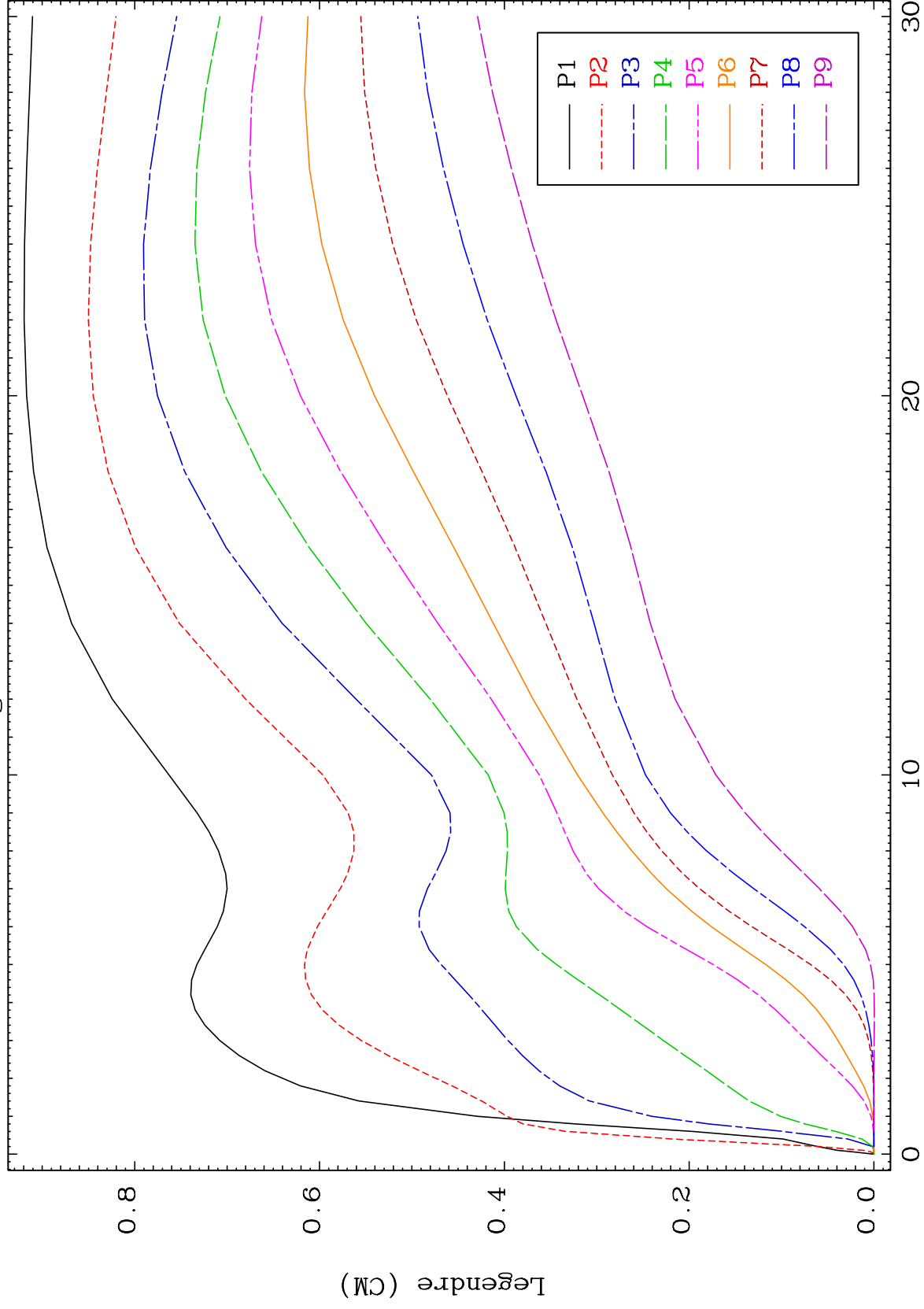




MAT 6846

Elastic Legendre Coefficients

68-Er-169



16

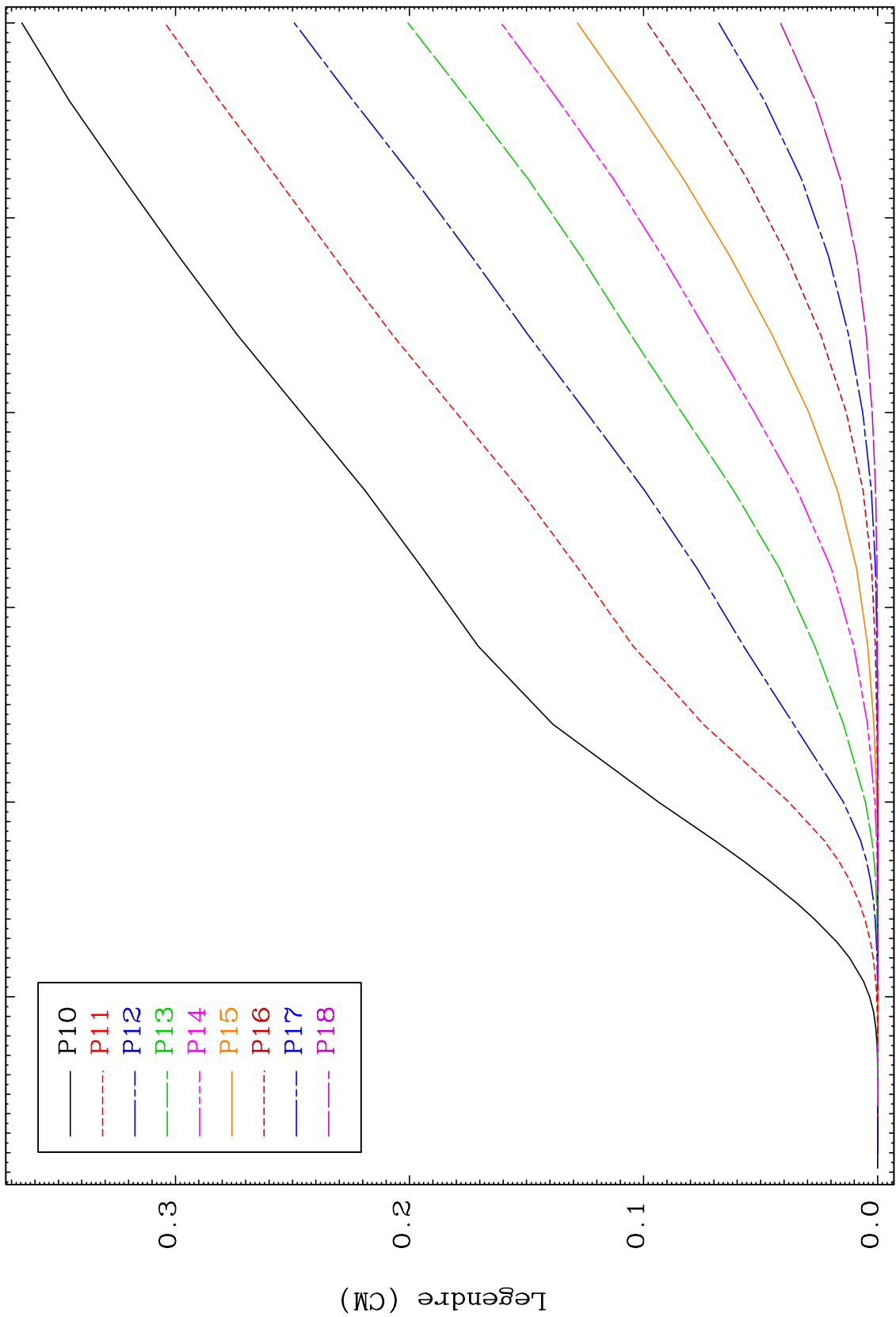
Incident Energy (MeV)

68-Er-169

MAT 6846

Elastic Legendre Coefficients

68-Er-169



17

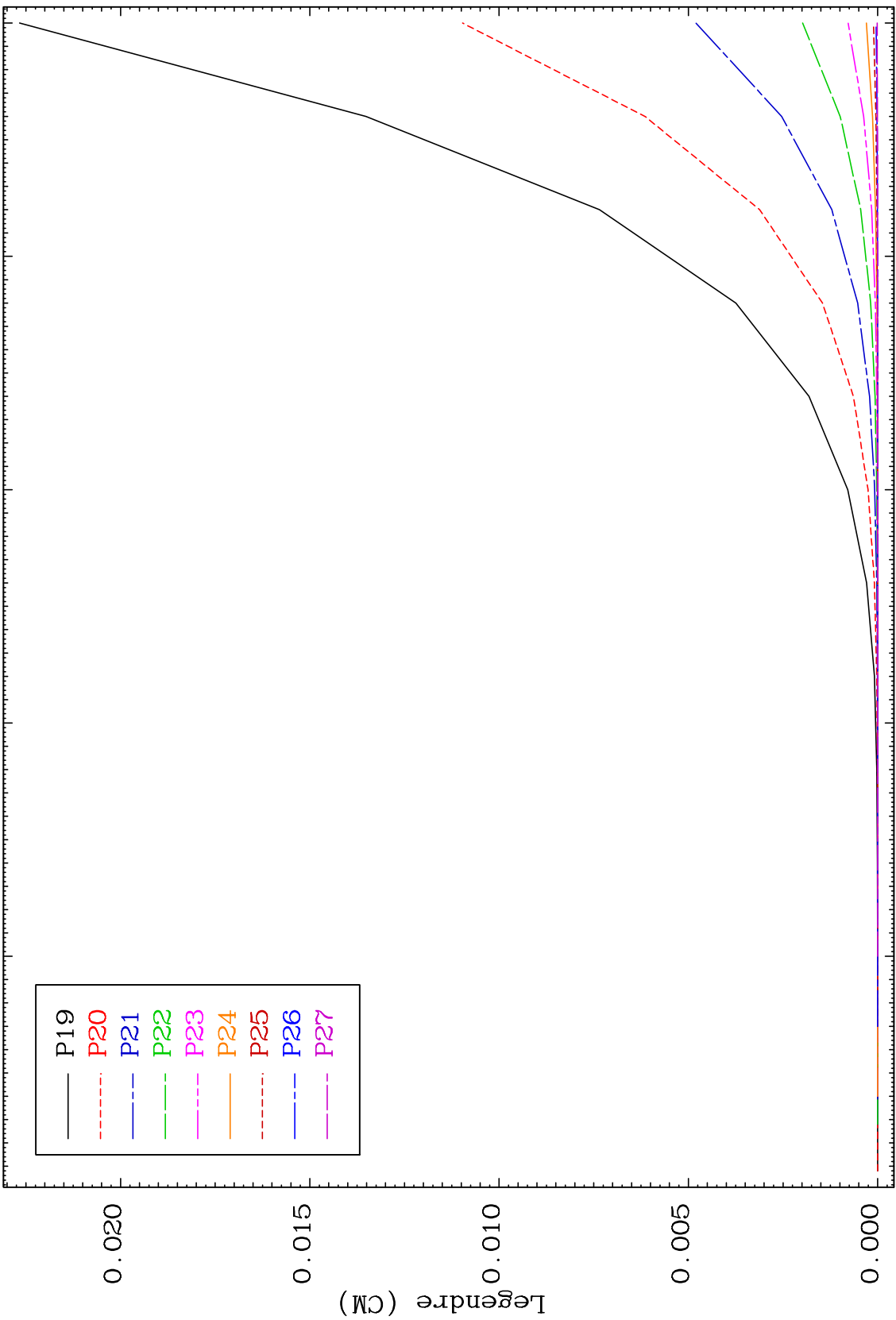
Incident Energy (MeV)

68-Er-169

MAT 6846

Elastic Legendre Coefficients

68-Er-169



18

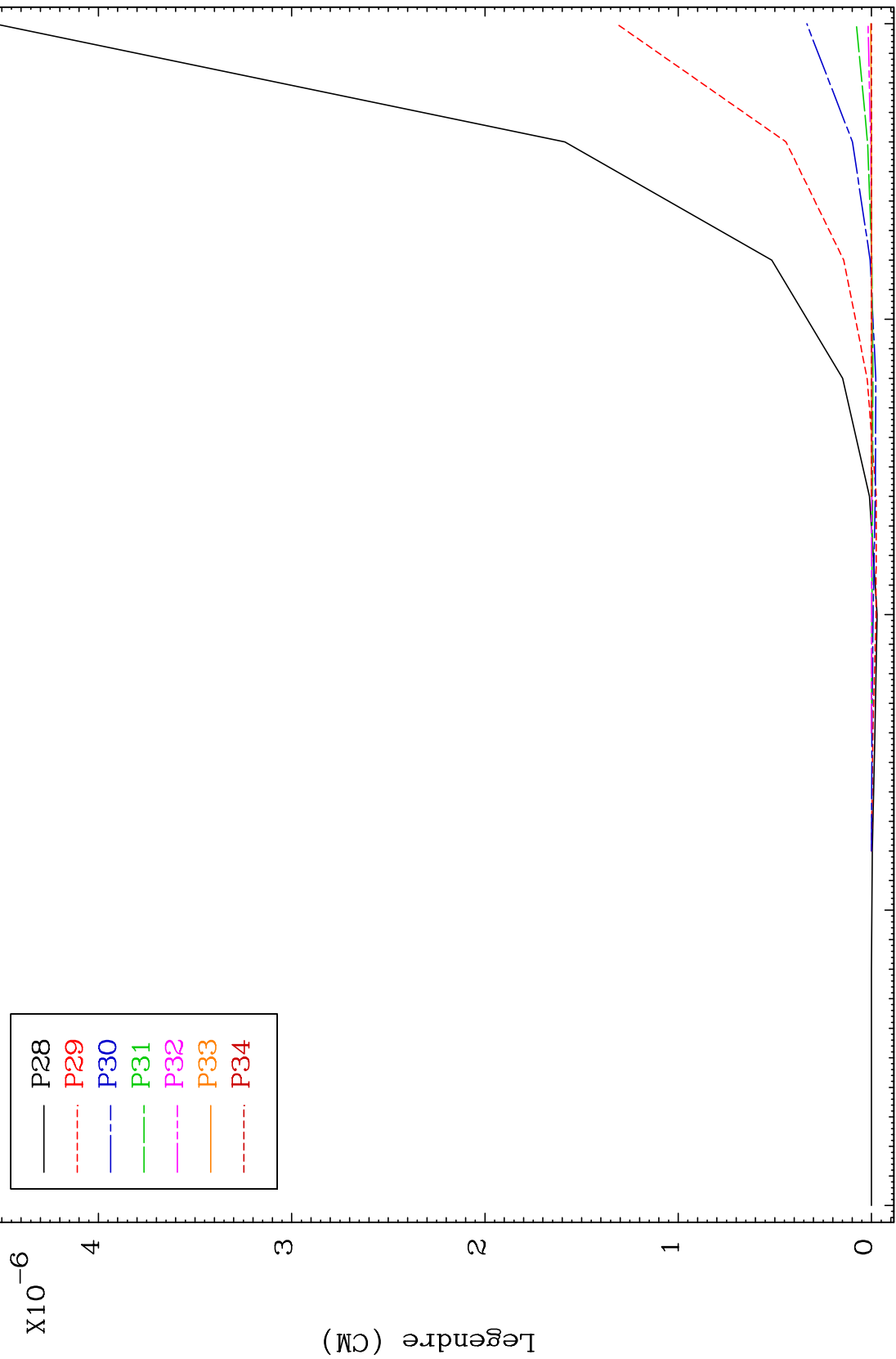
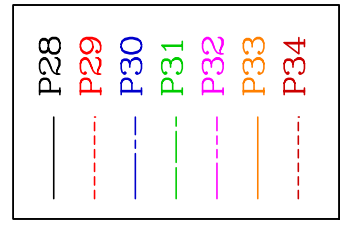
Incident Energy (MeV)

68-Er-169

MAT 6846

Elastic Legendre Coefficients

68-Er-169



10

15

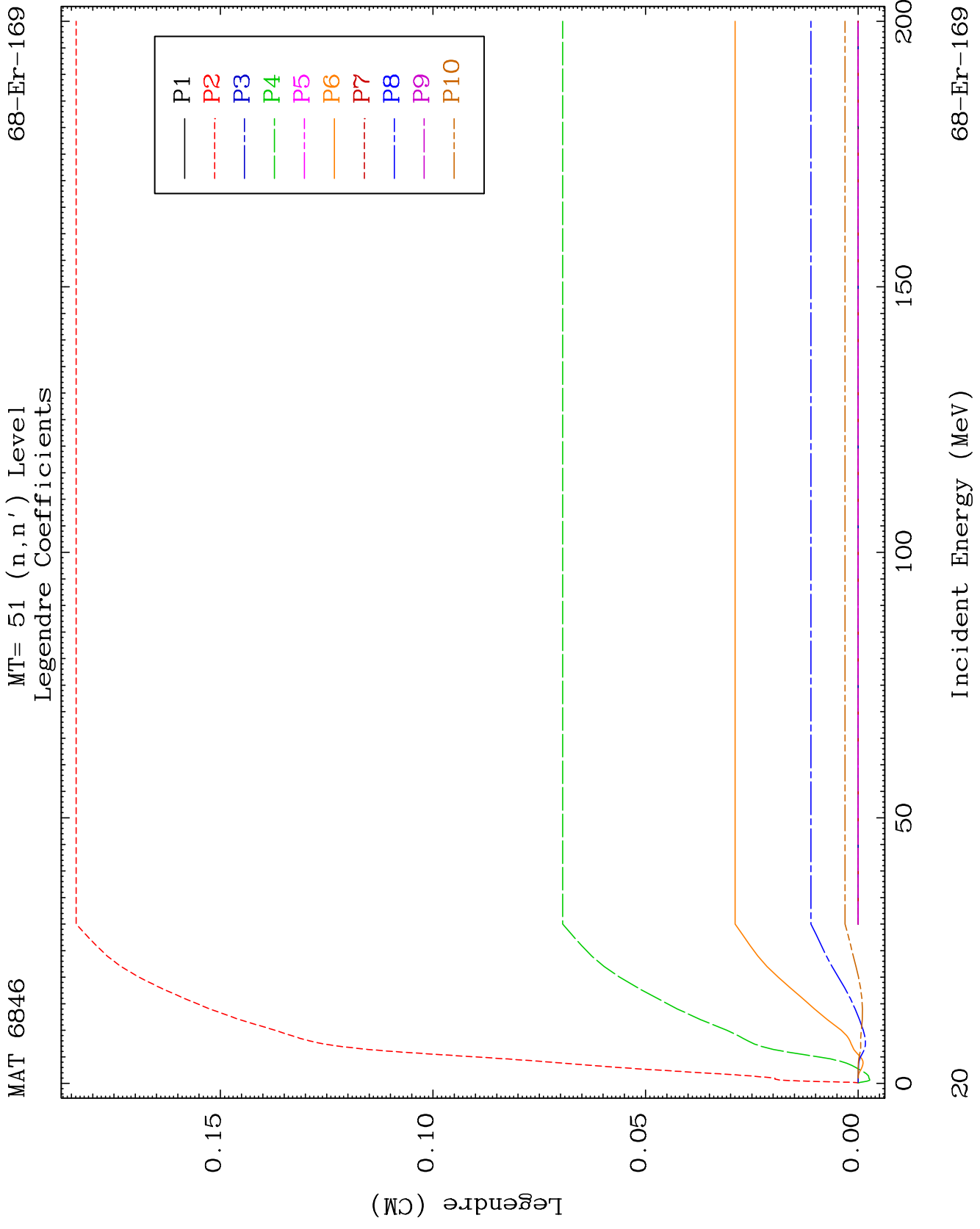
20

25

30

Incident Energy (MeV)

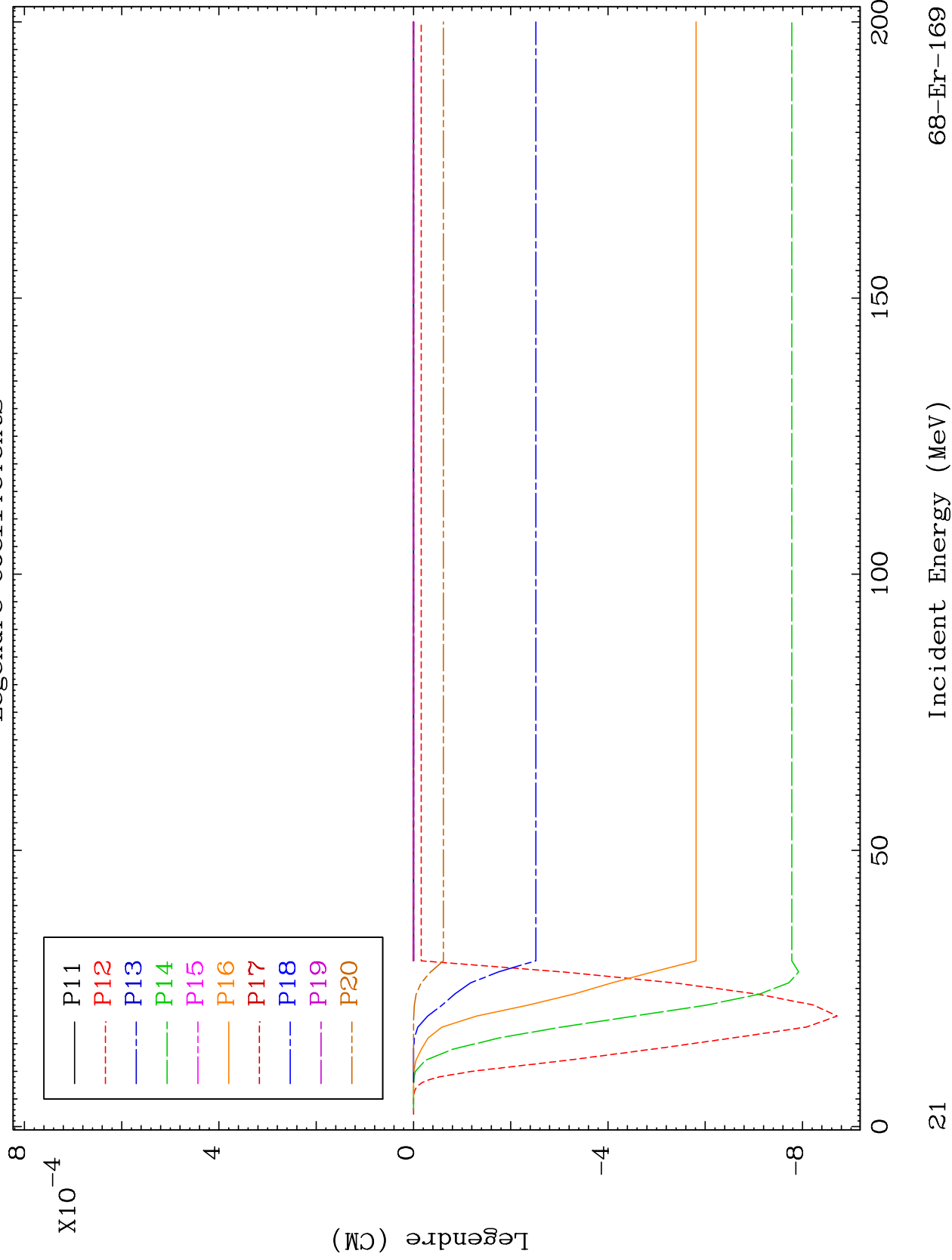
68-Er-169



MAT 6846

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

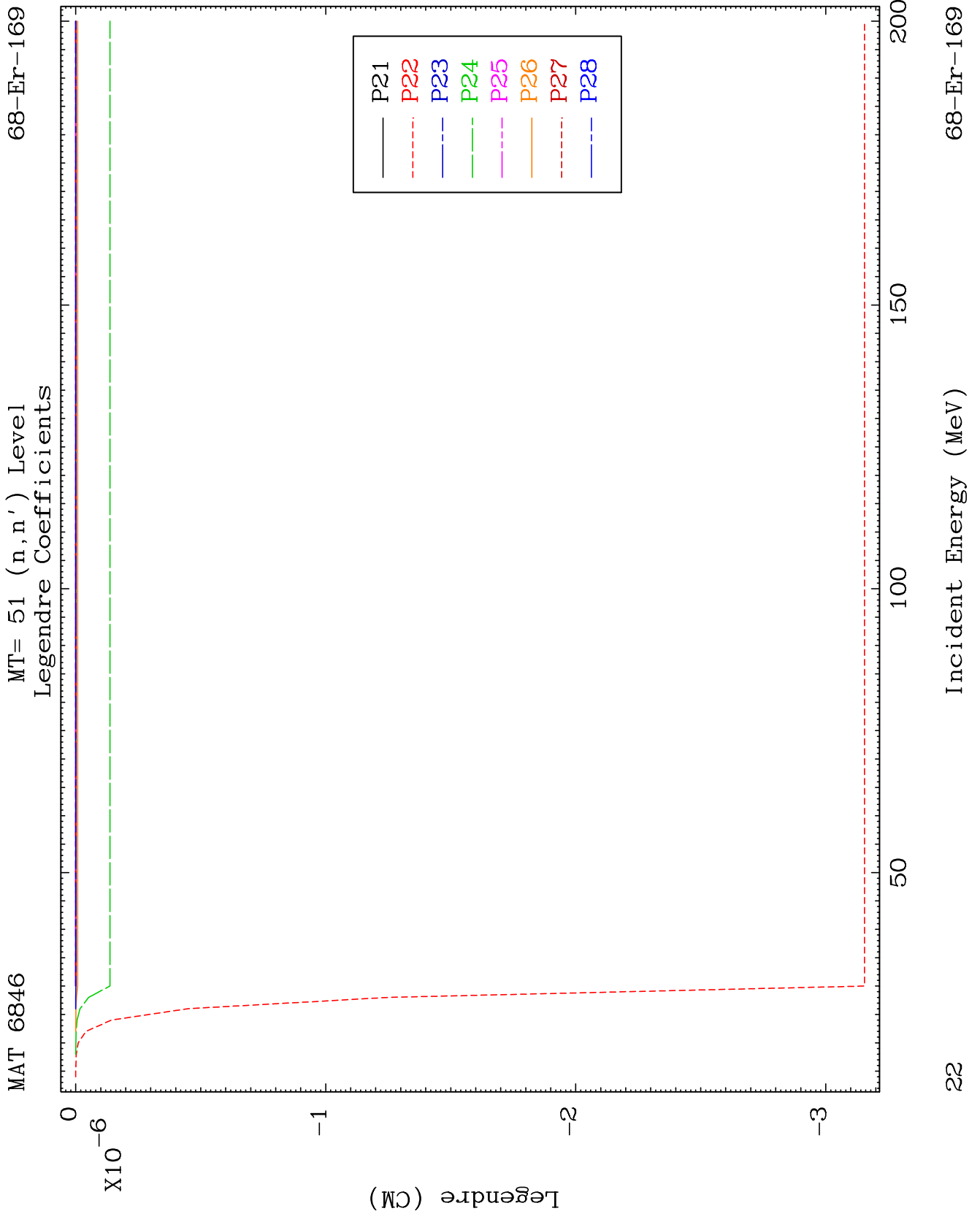
68-Er-169



21

Incident Energy (MeV)

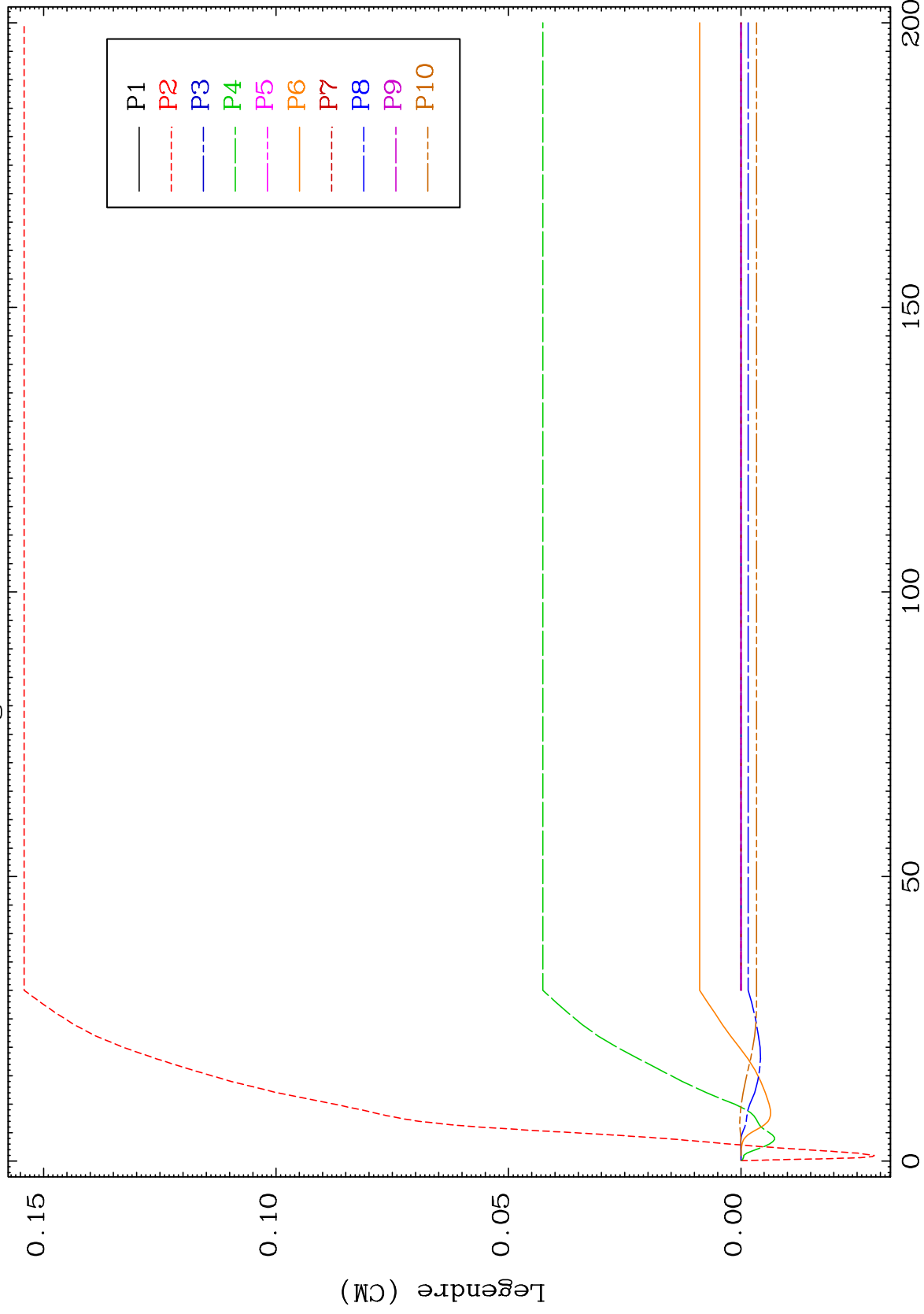
68-Er-169



MAT 6846

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

68-Er-169



23

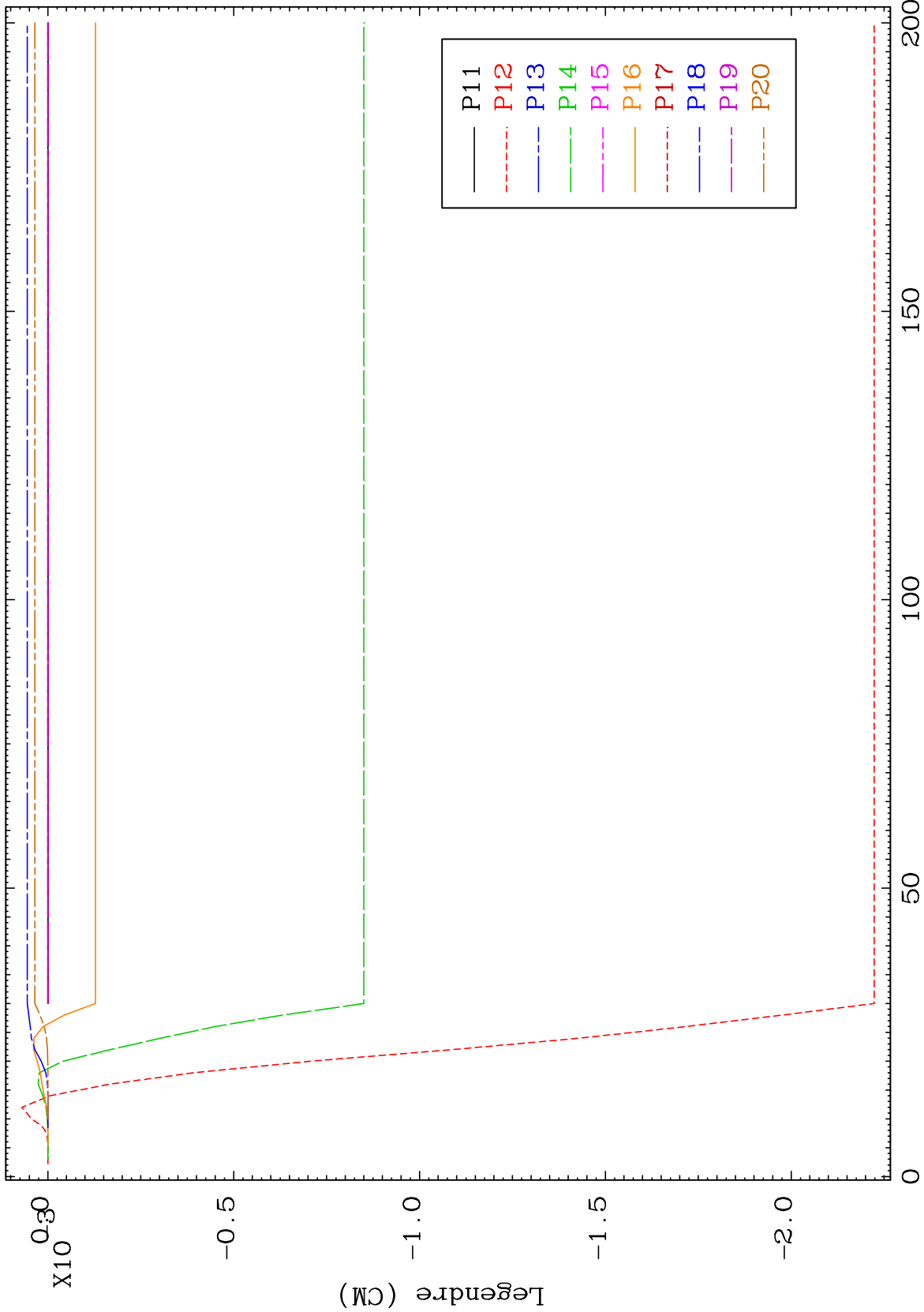
68-Er-169

MAT 6846

MT= 52 (n,n') Level

68-Er-169

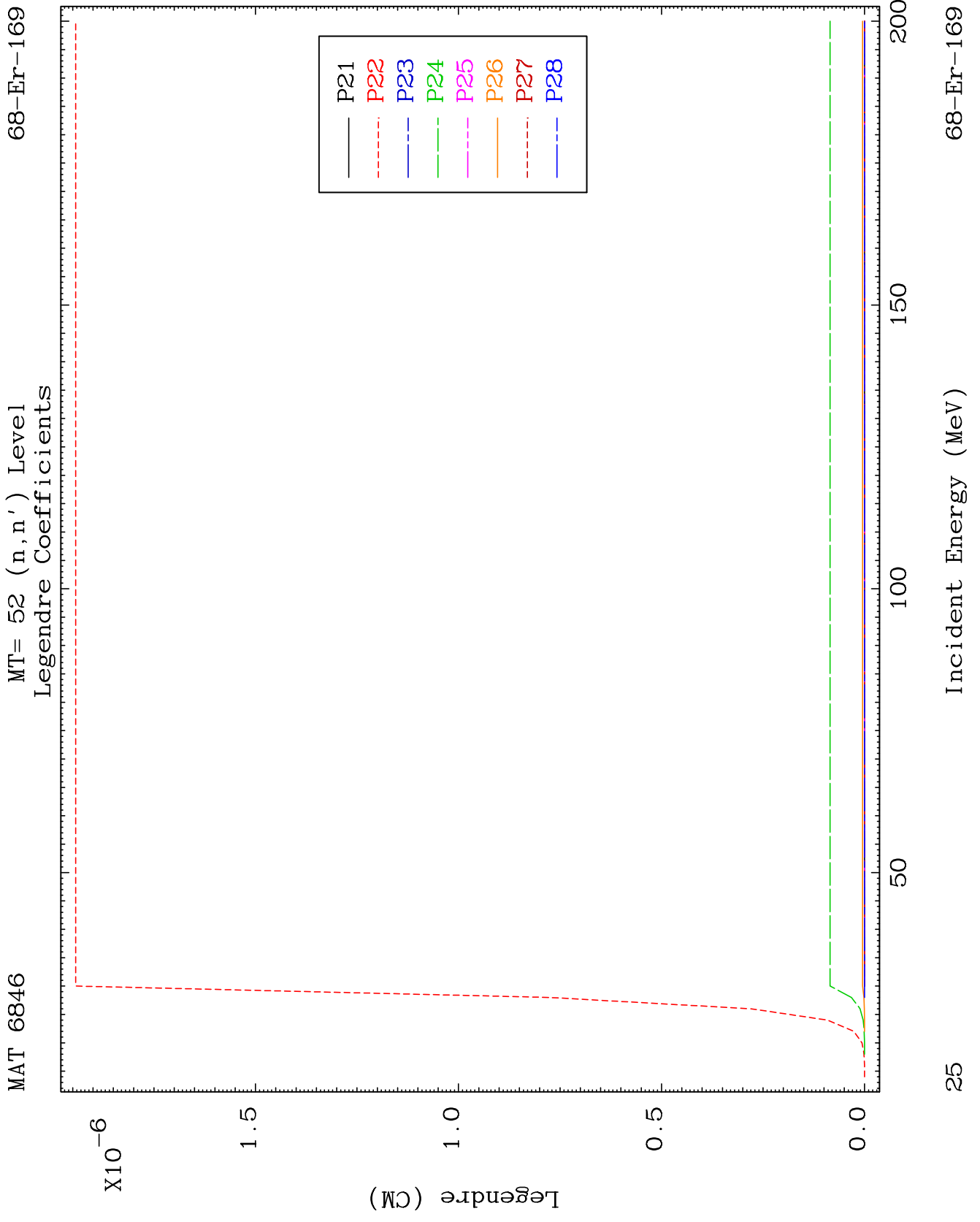
Legendre Coefficients



24

Incident Energy (MeV)

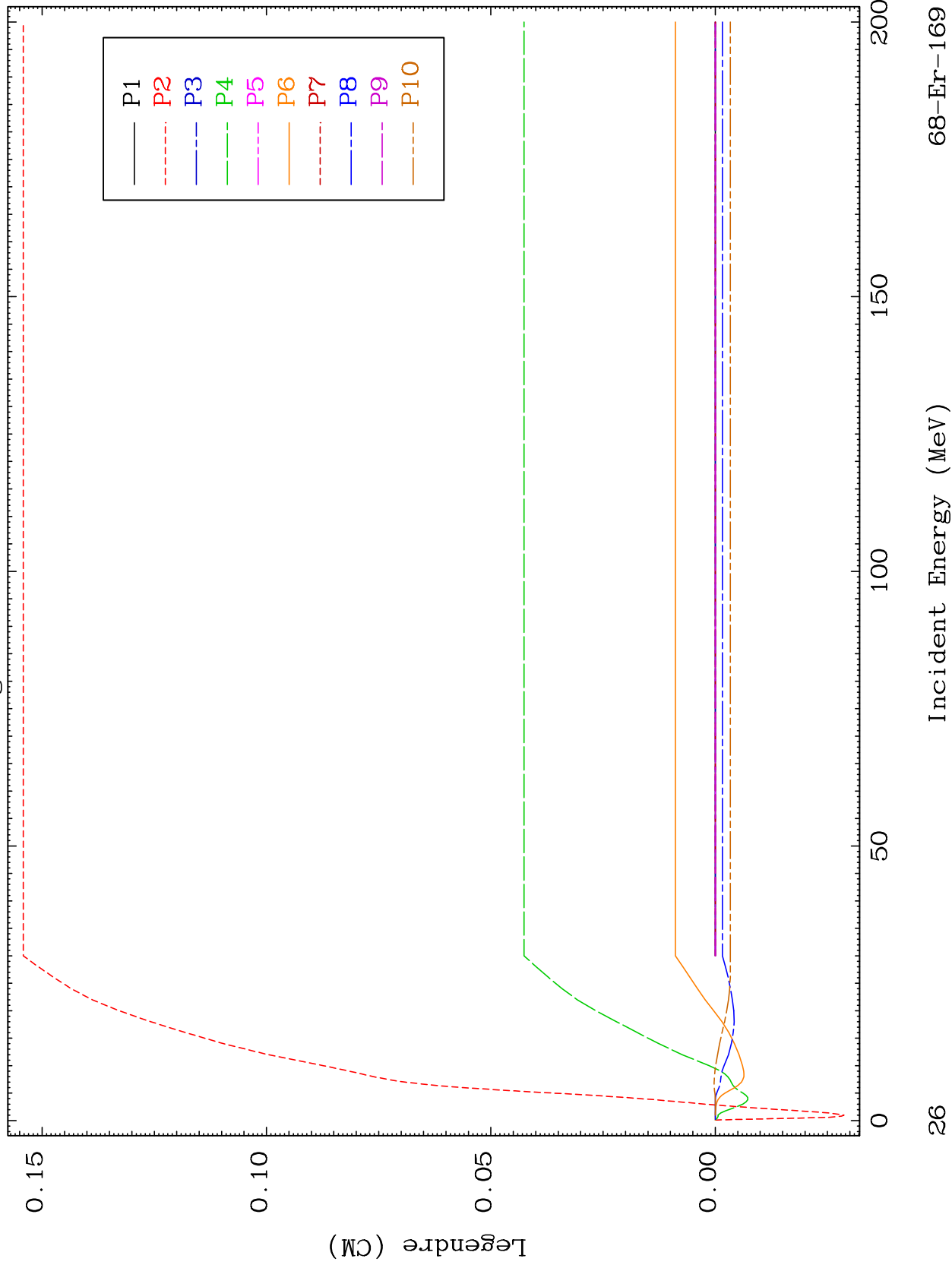
68-Er-169



MAT 6846

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

68-Er-169



68-Er-169

Incident Energy (MeV)

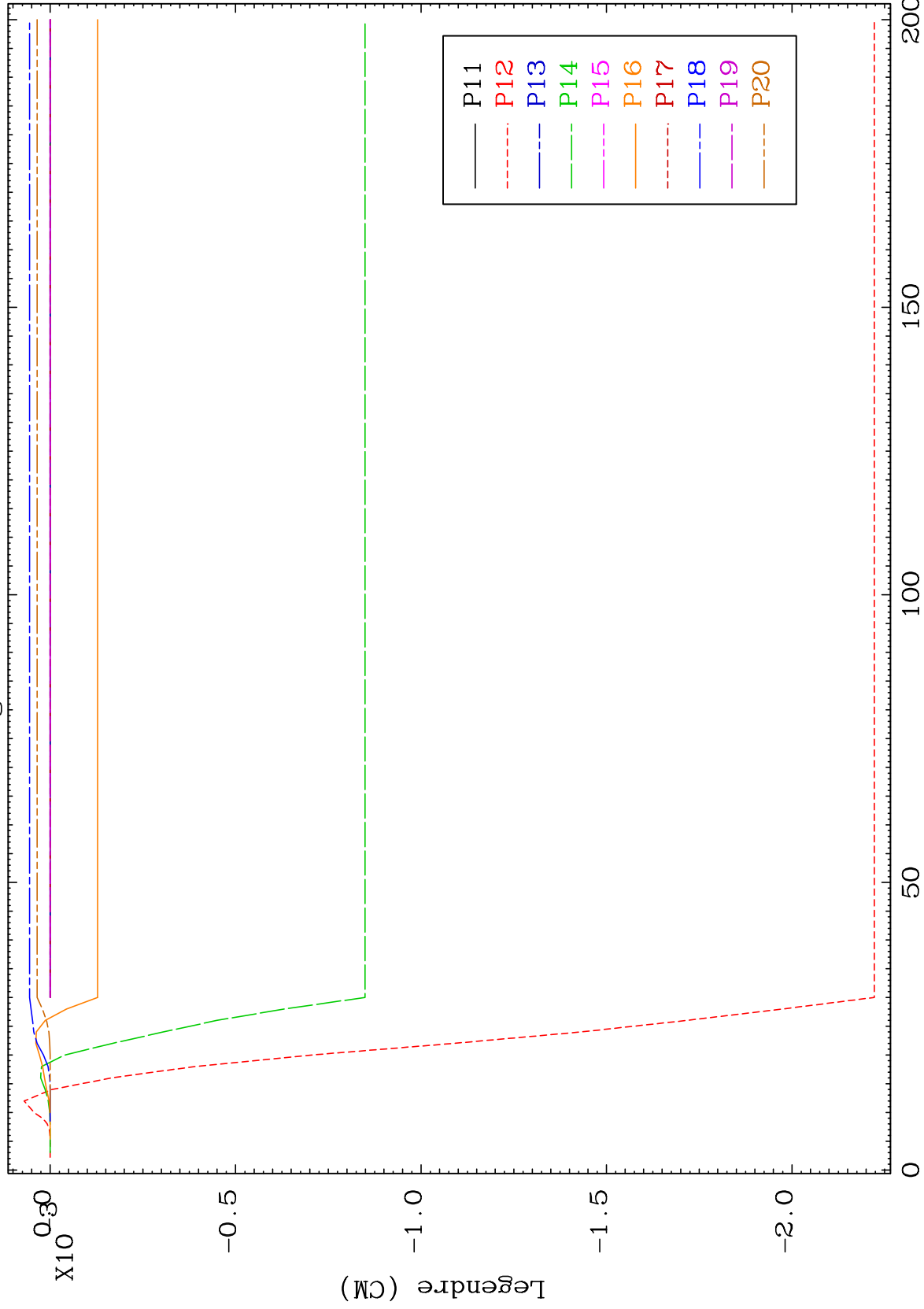
26

MAT 6846

MT= 53 (n,n') Level

68-Er-169

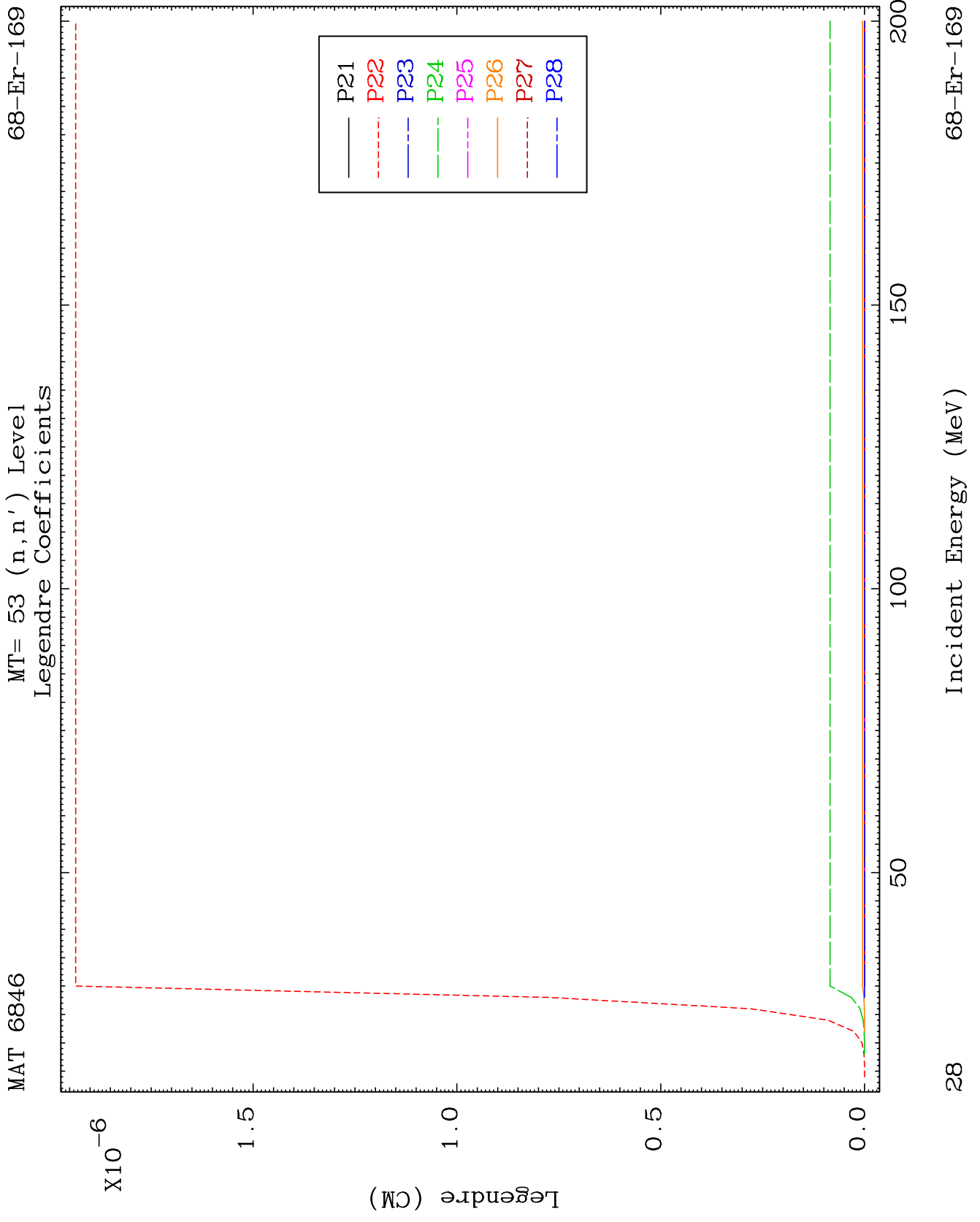
Legendre Coefficients

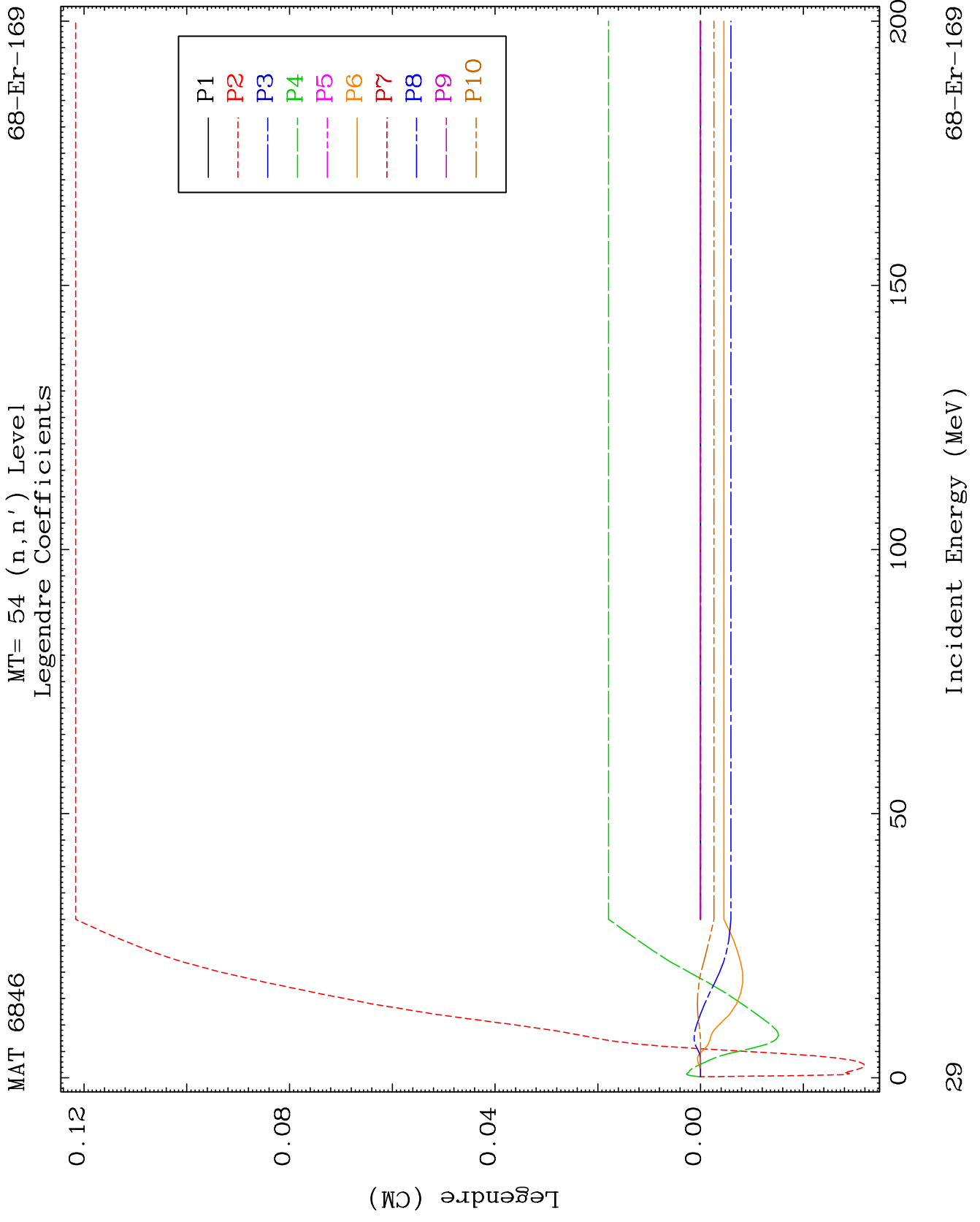


27

Incident Energy (MeV)

68-Er-169

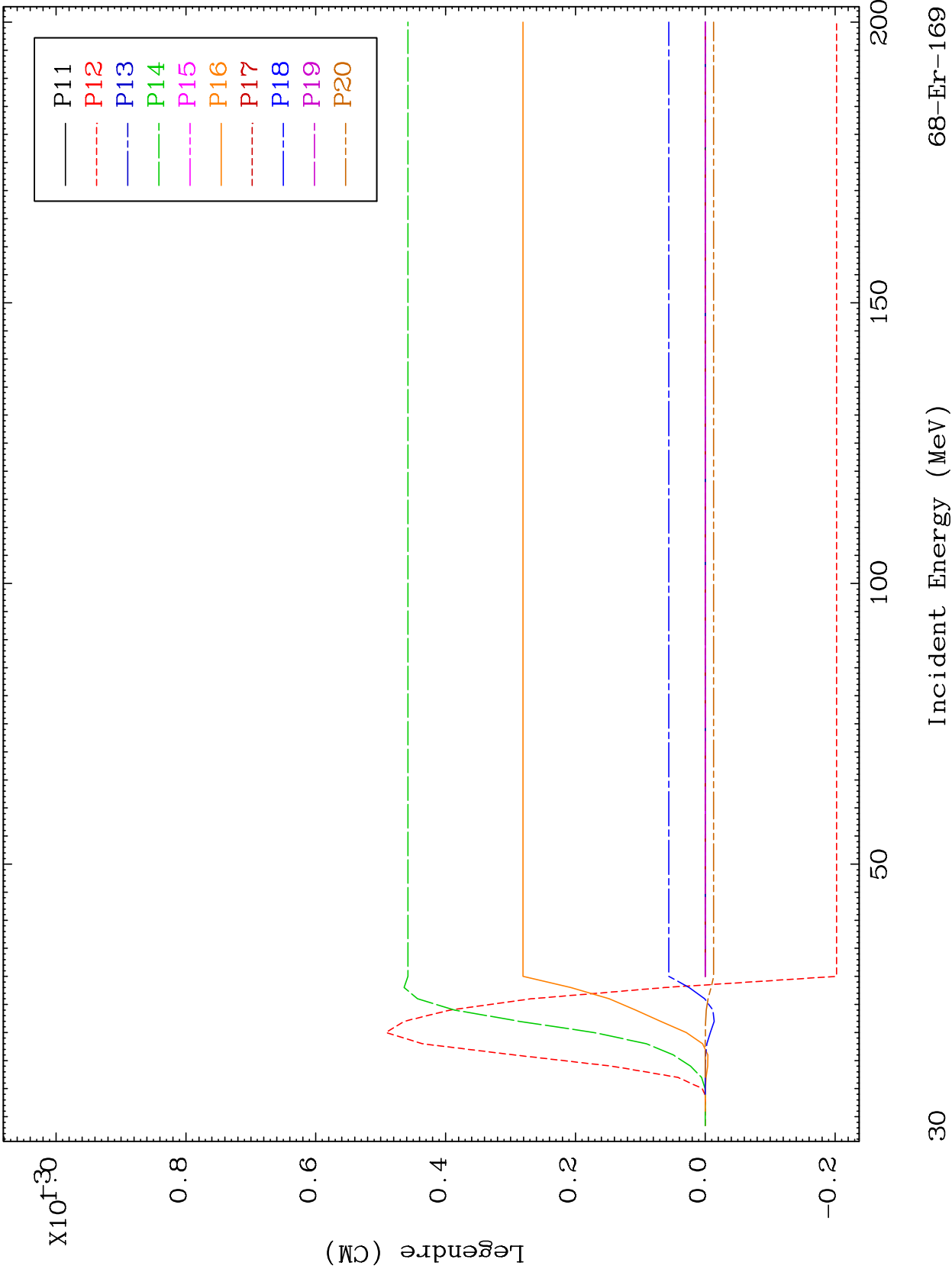




MAT 6846

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

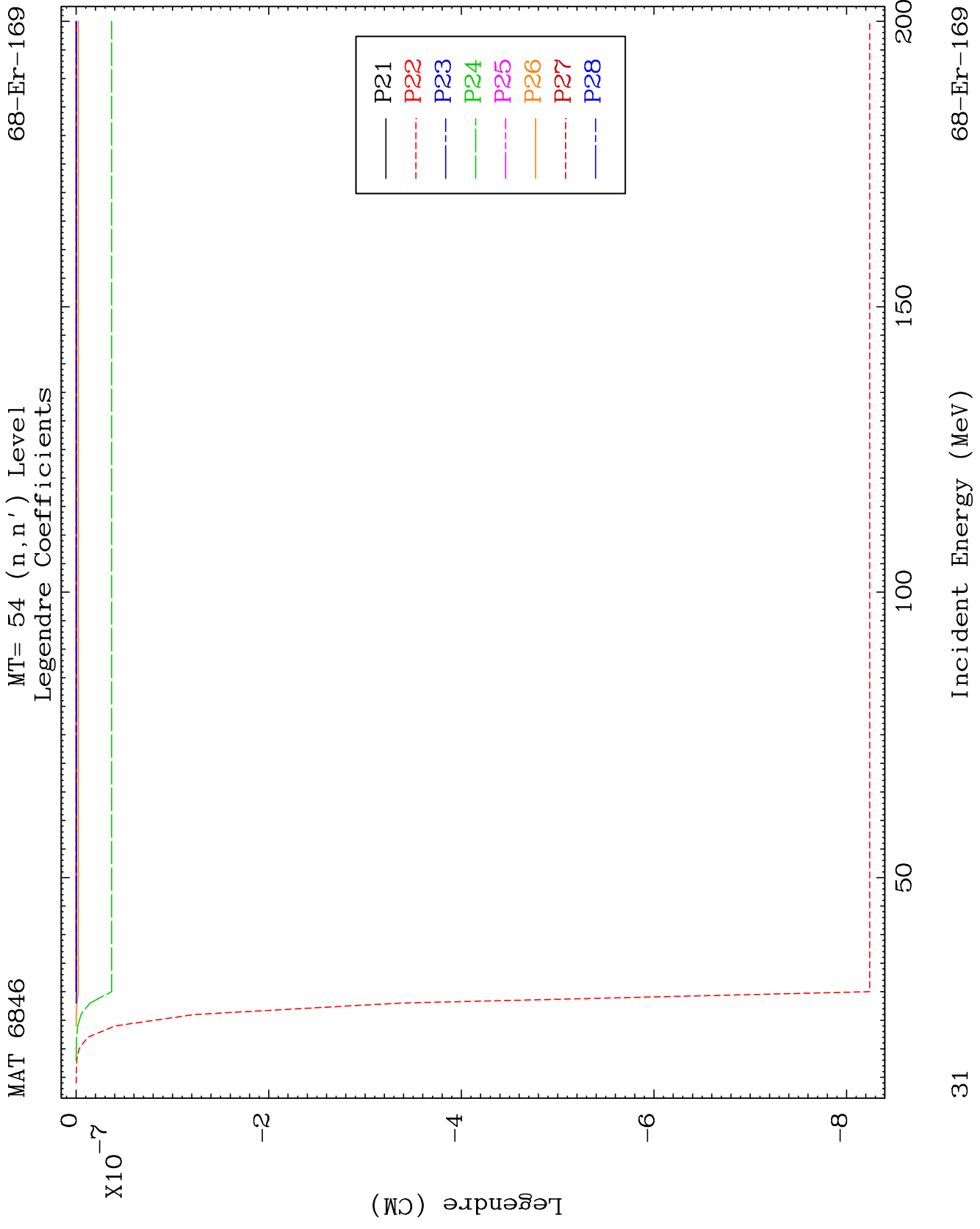
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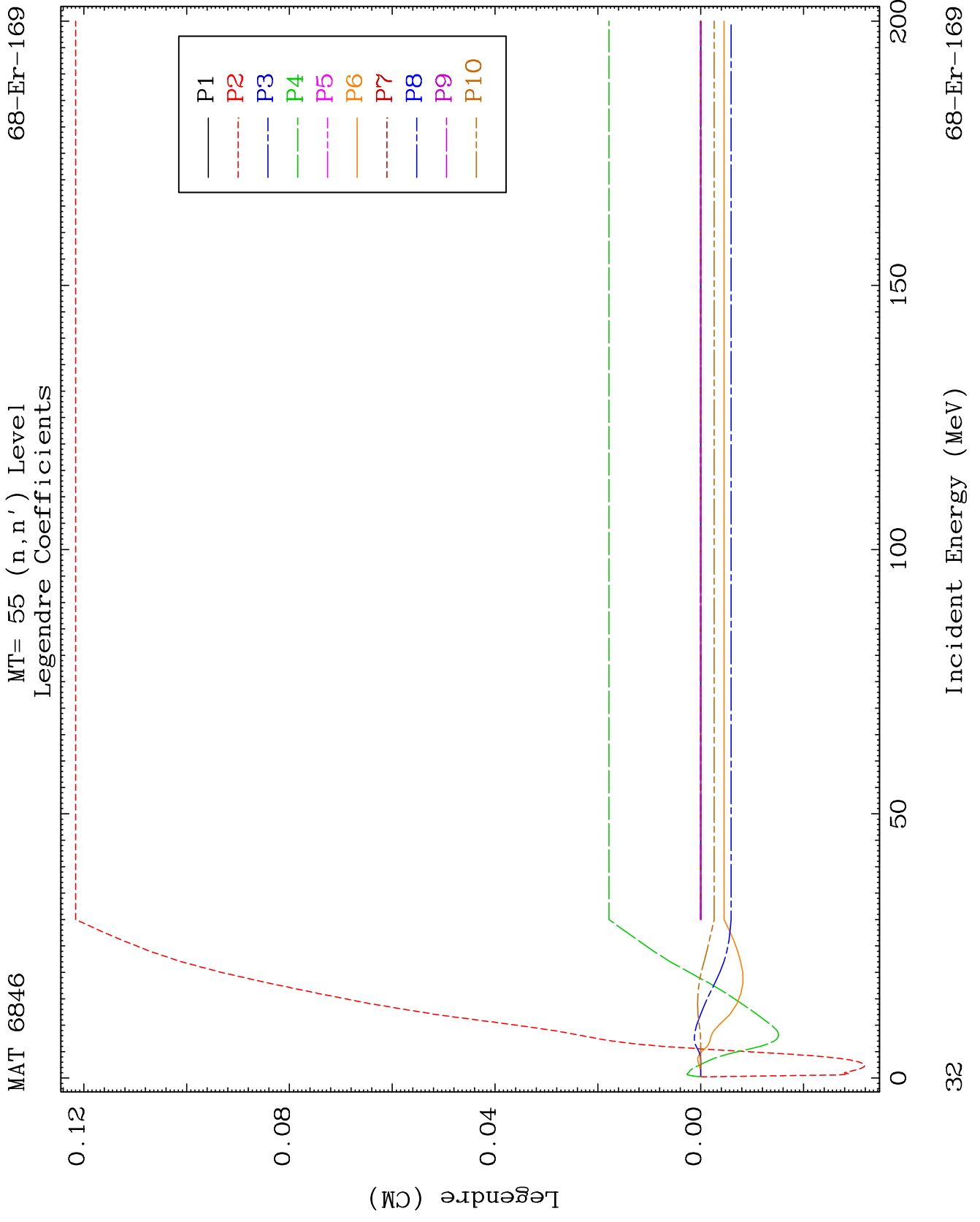


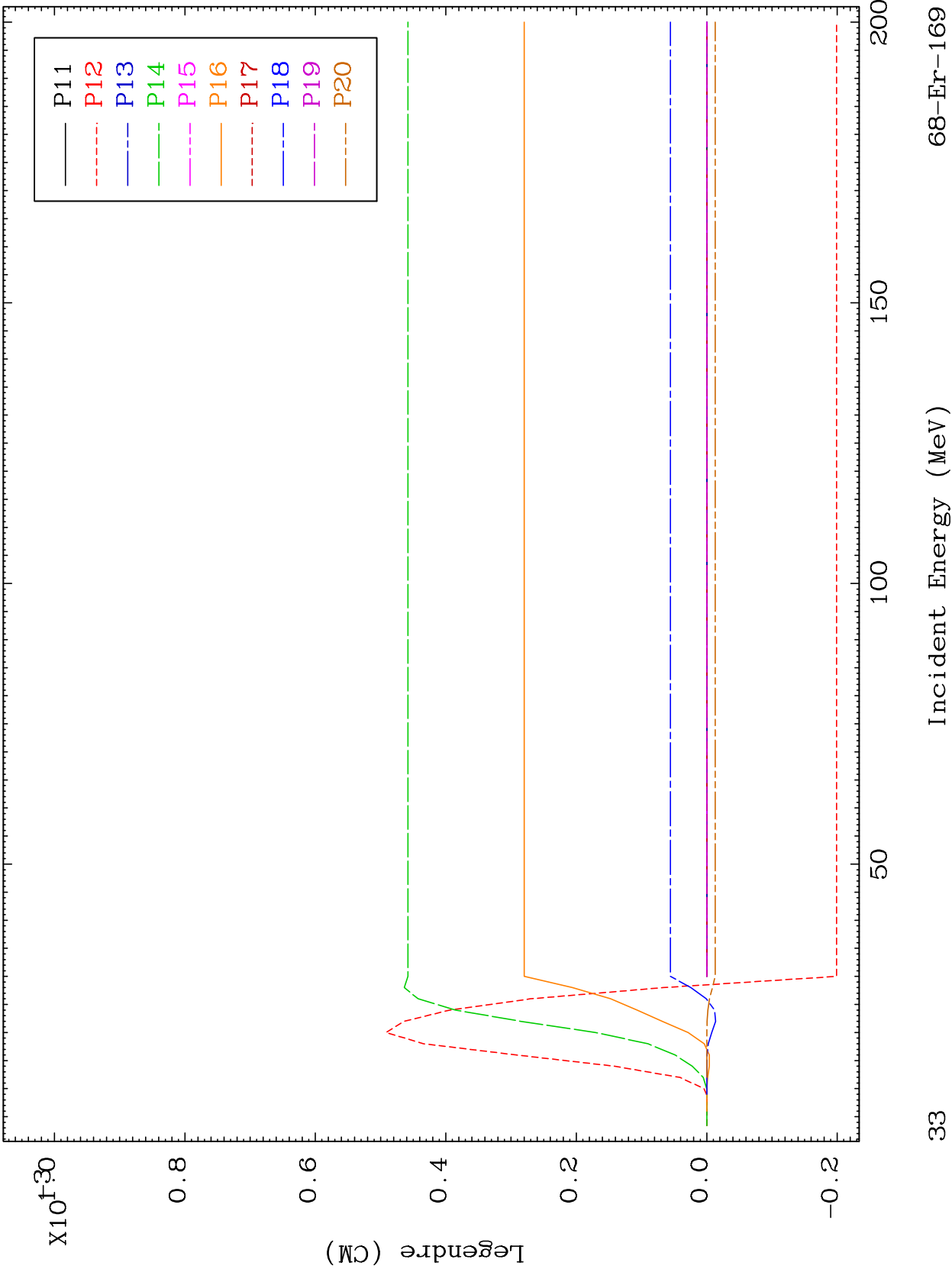
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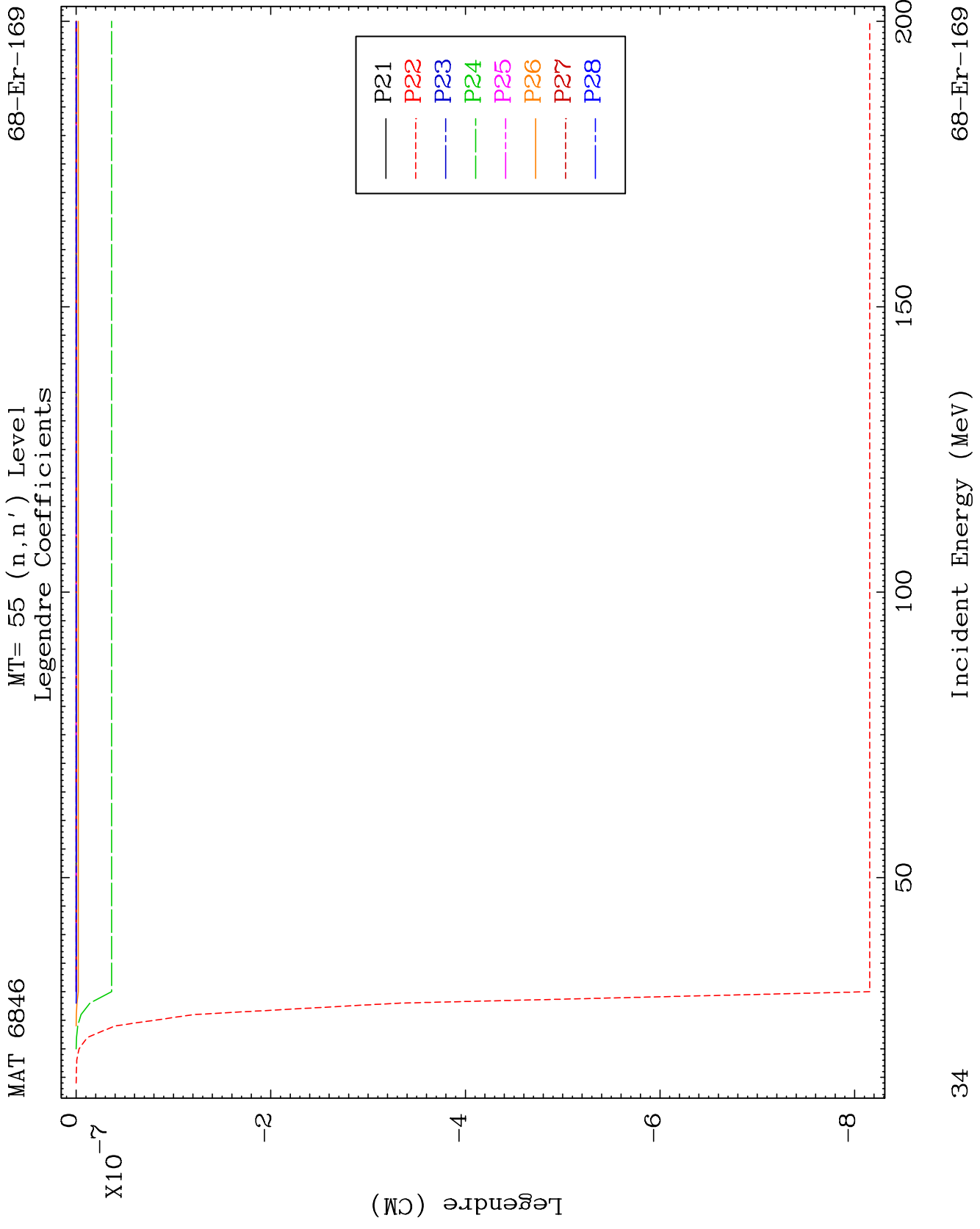
Incident Energy (MeV)

68-Er-169





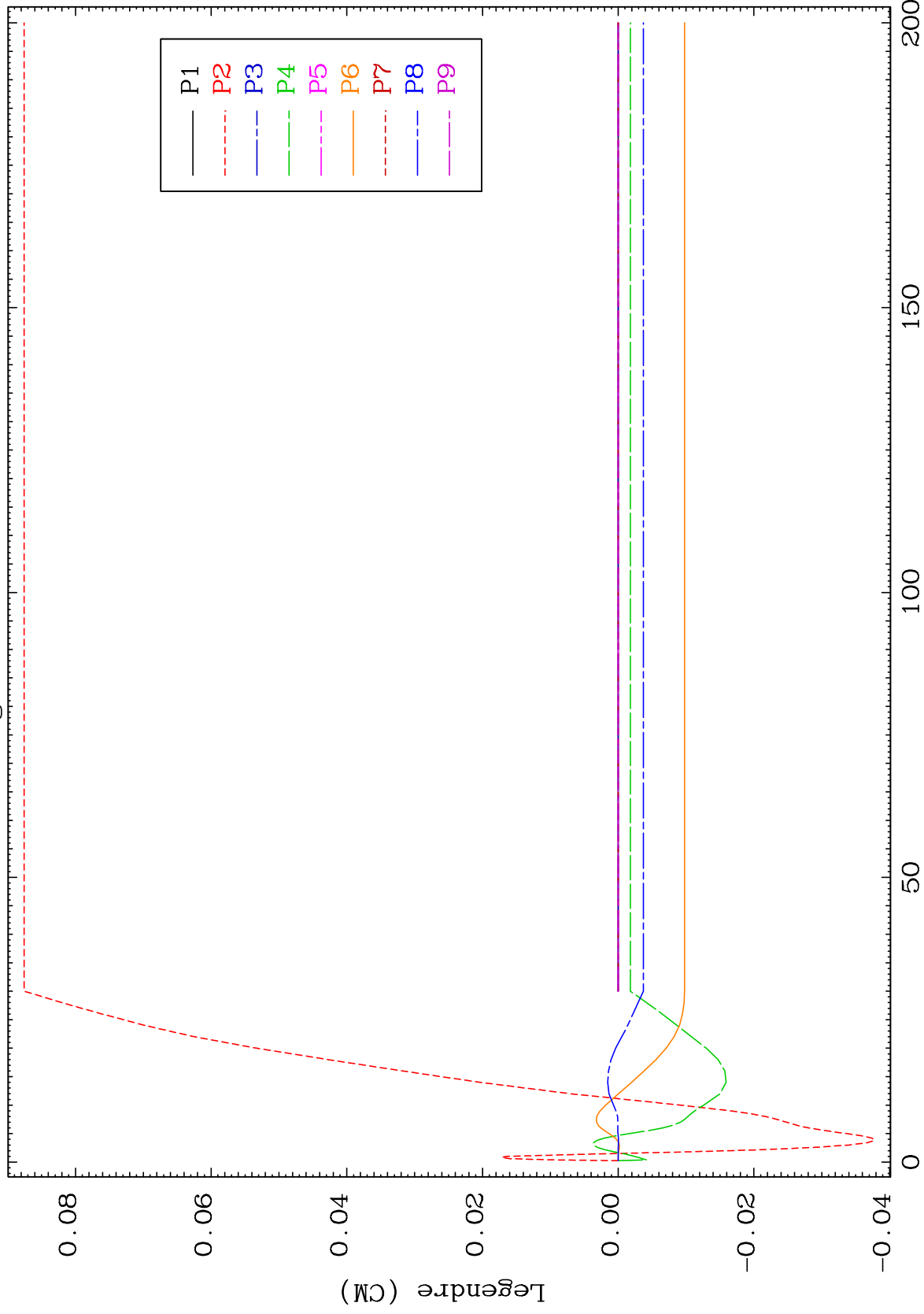




MAT 6846

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

68-Er-169



68-Er-169

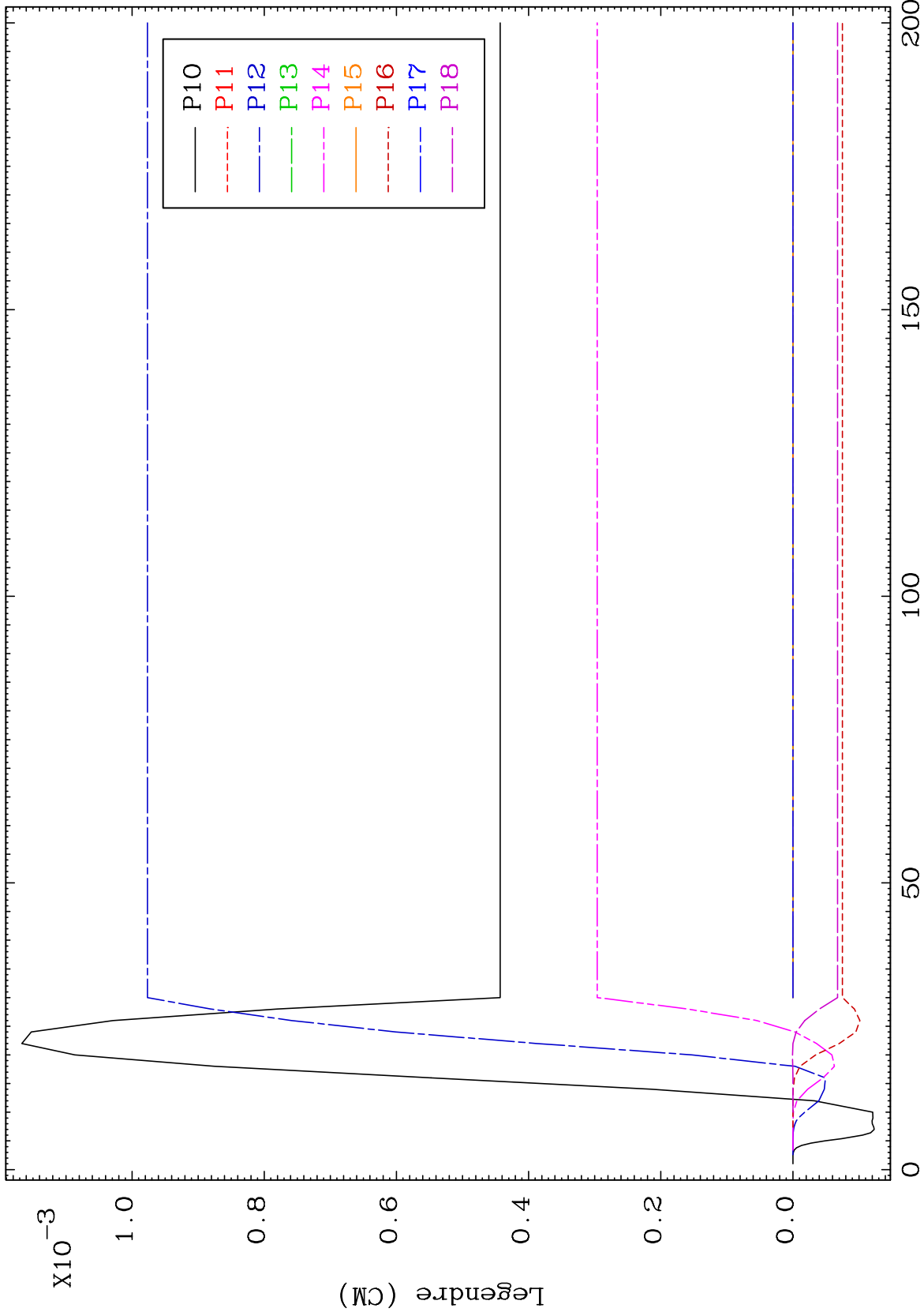
Incident Energy (MeV)

35

MAT 6846

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

68-Er-169



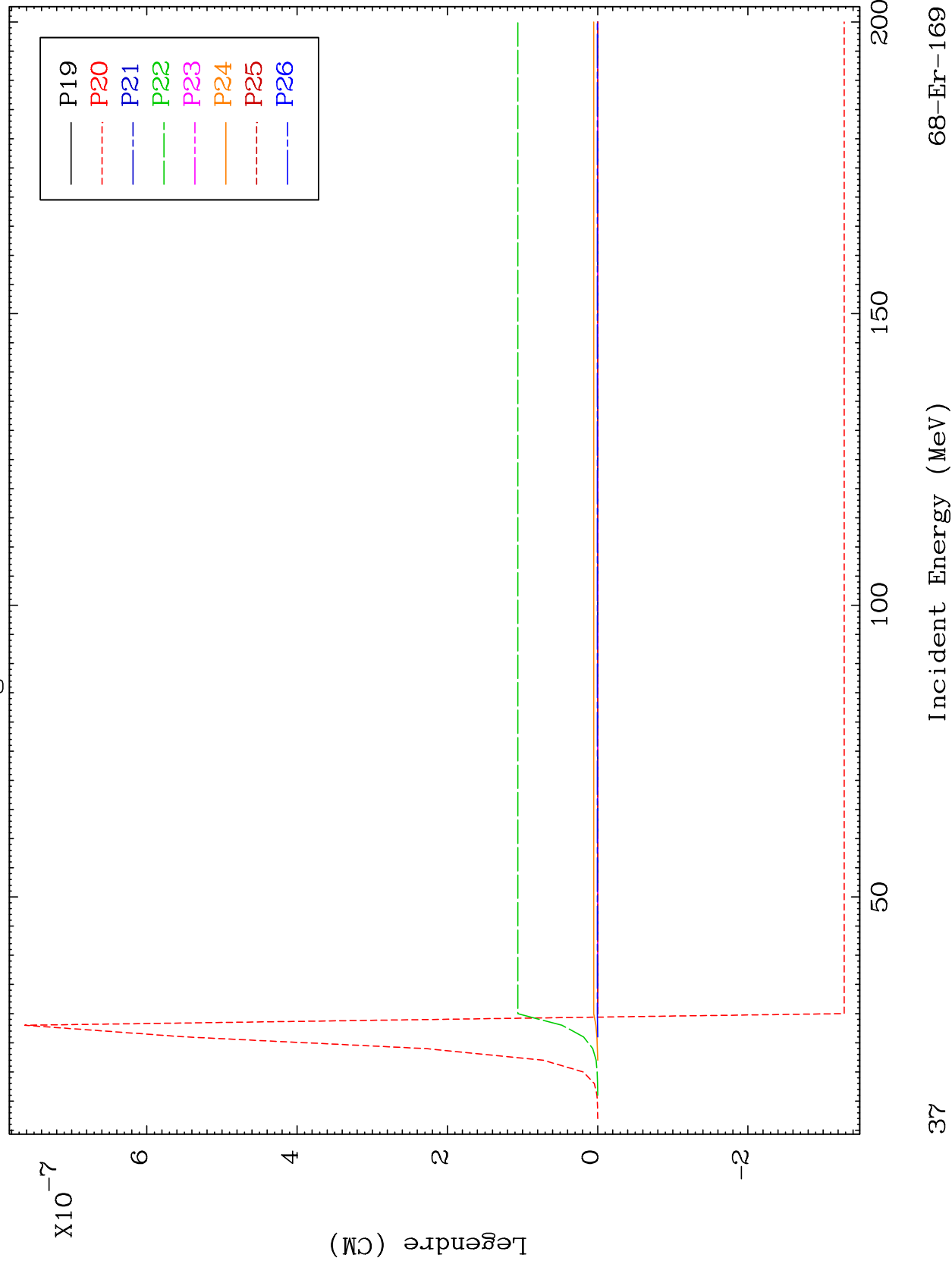
36

68-Er-169

MAT 6846

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

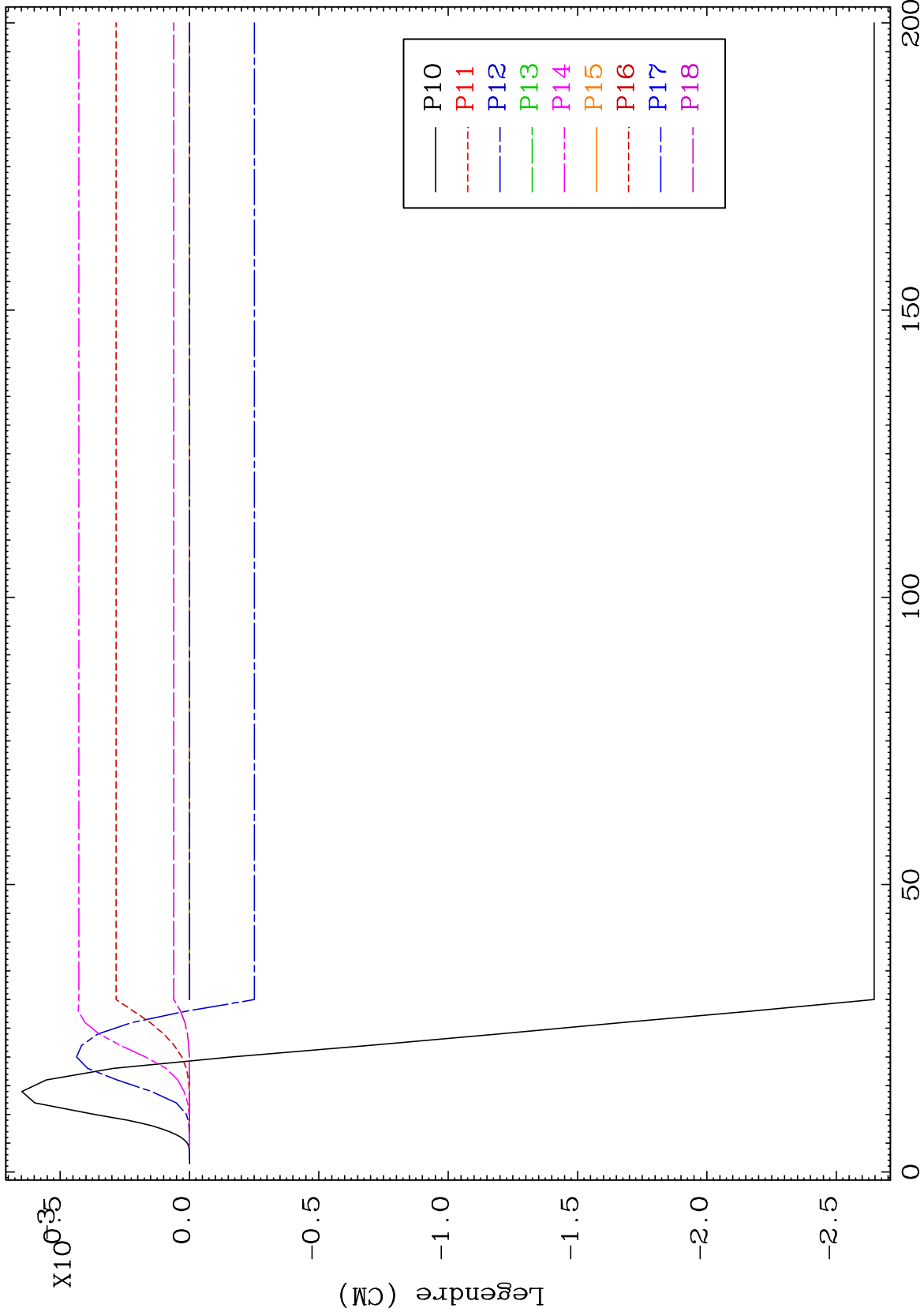
68-Er-169



MAT 6846

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

68-Er-169



39

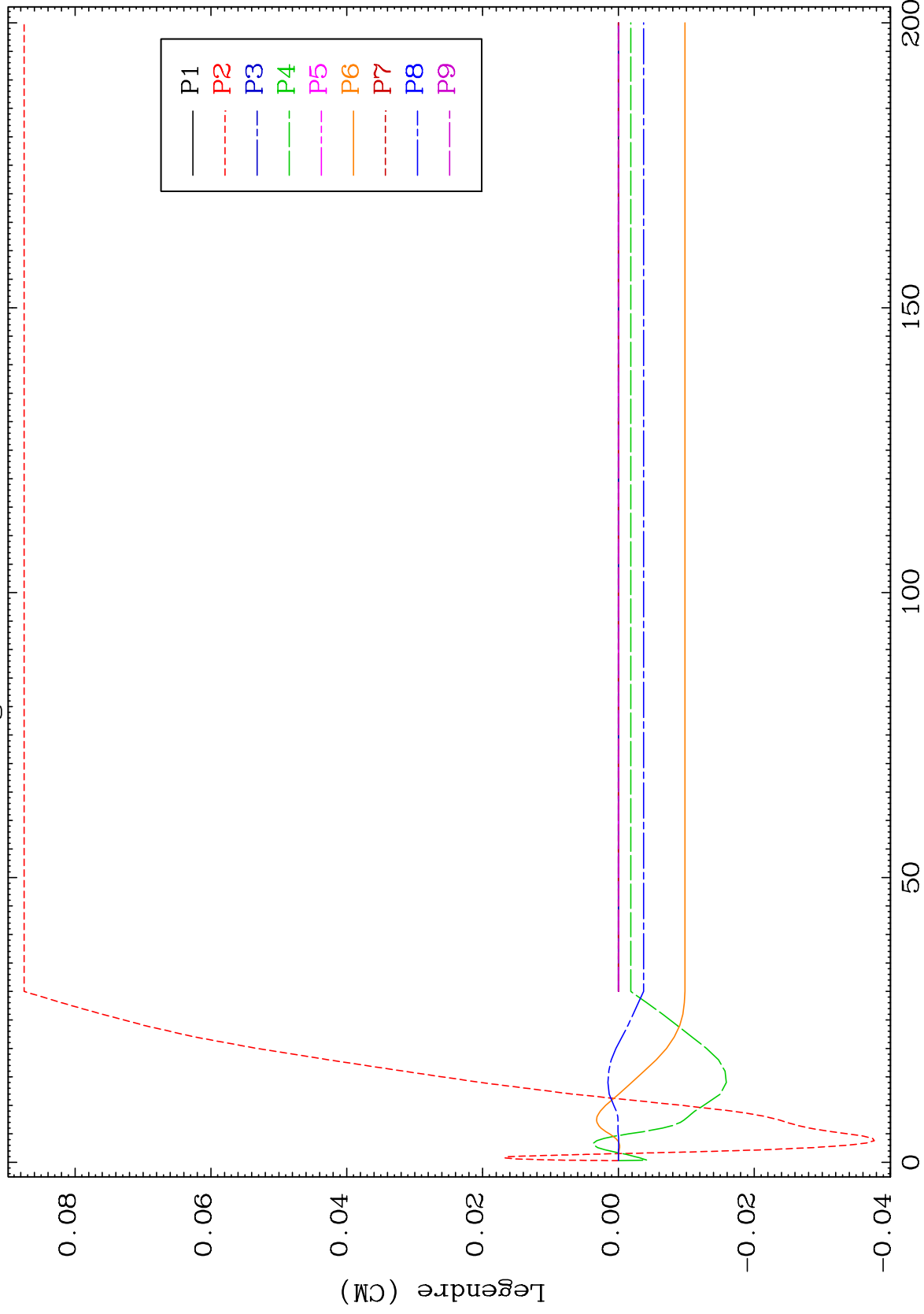
Incident Energy (MeV)

68-Er-169

MAT 6846

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

68-Er-169



41

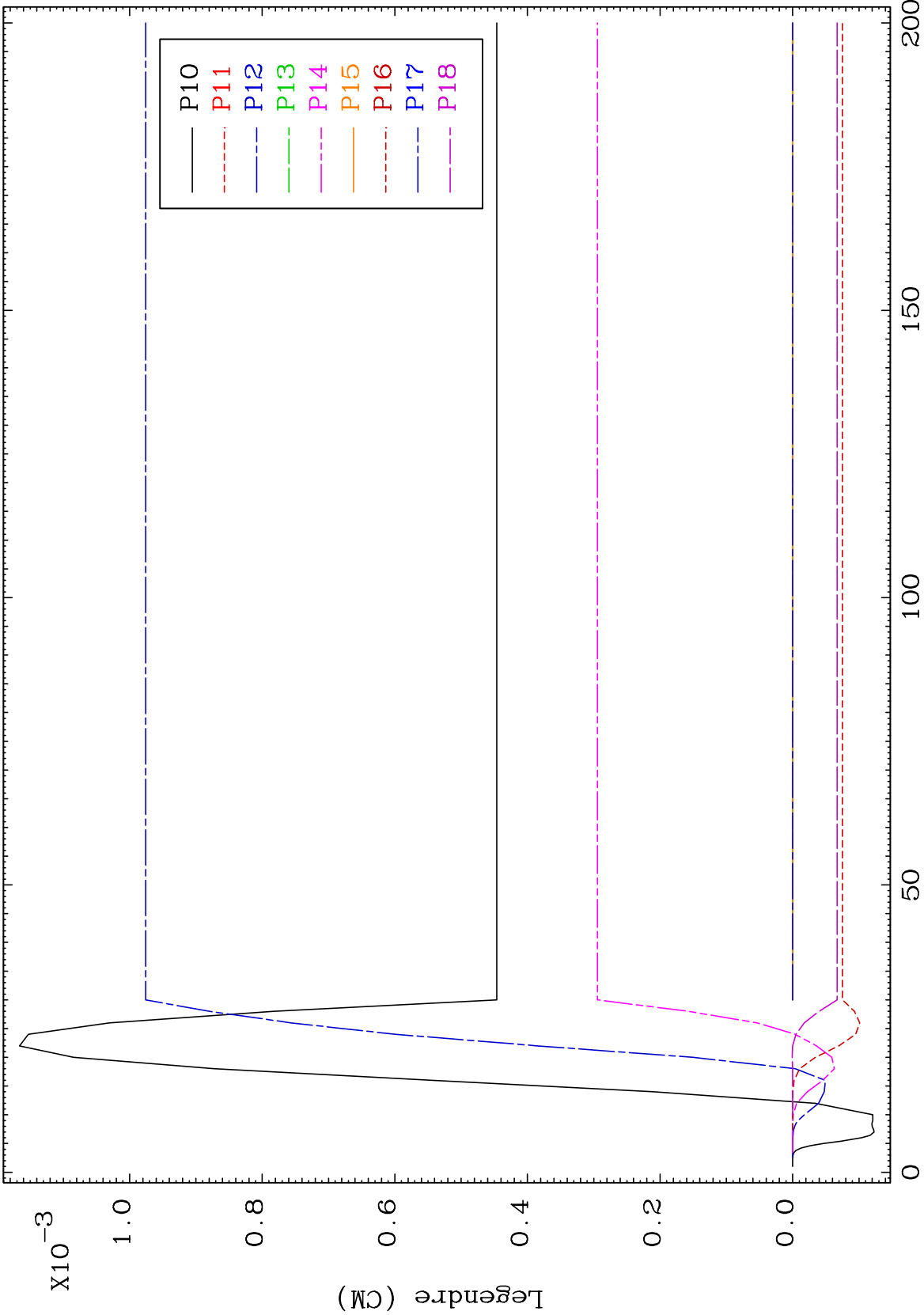
Incident Energy (MeV)

68-Er-169

MAT 6846

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

68-Er-169



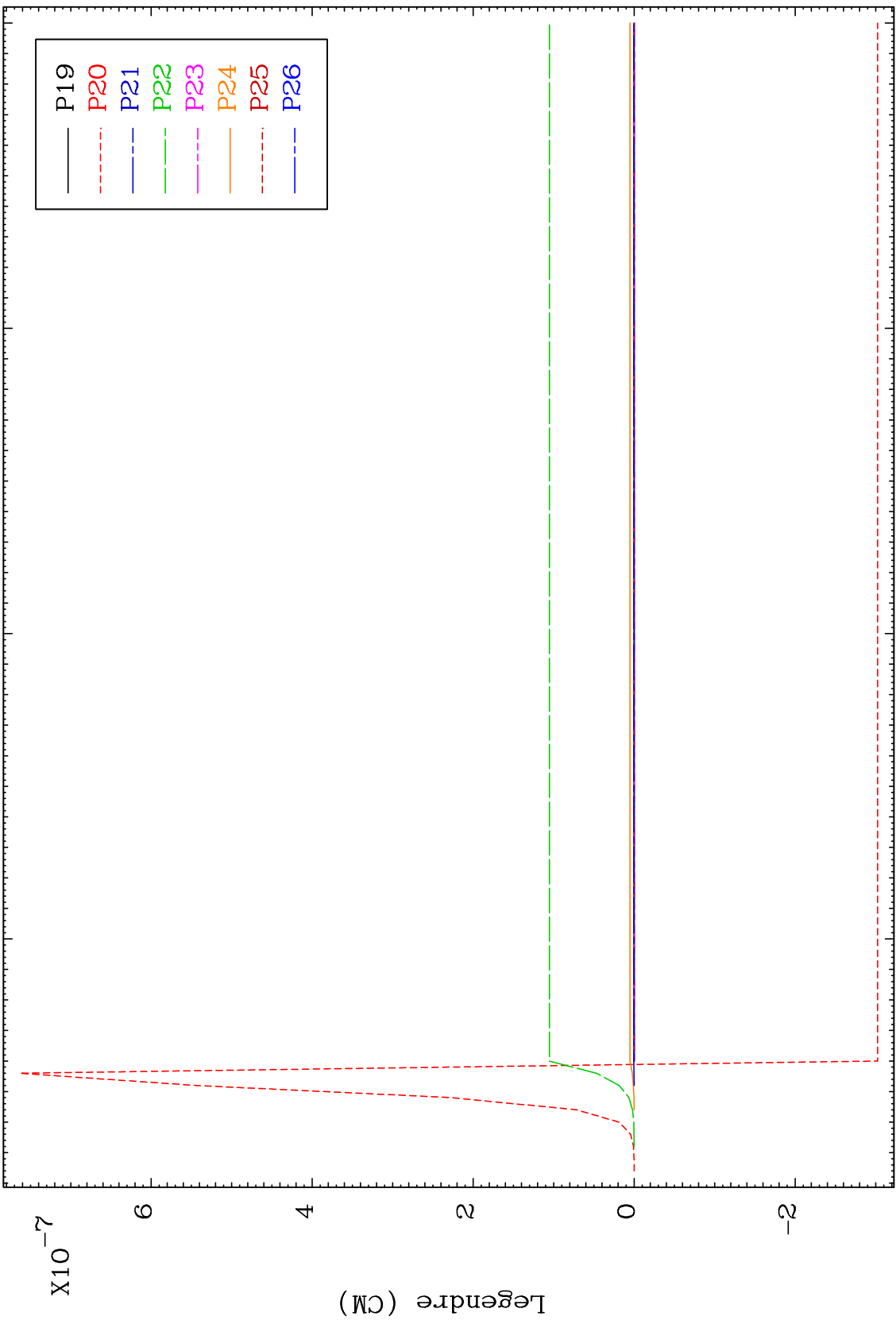
42

68-Er-169

MAT 6846

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

68-Er-169



43

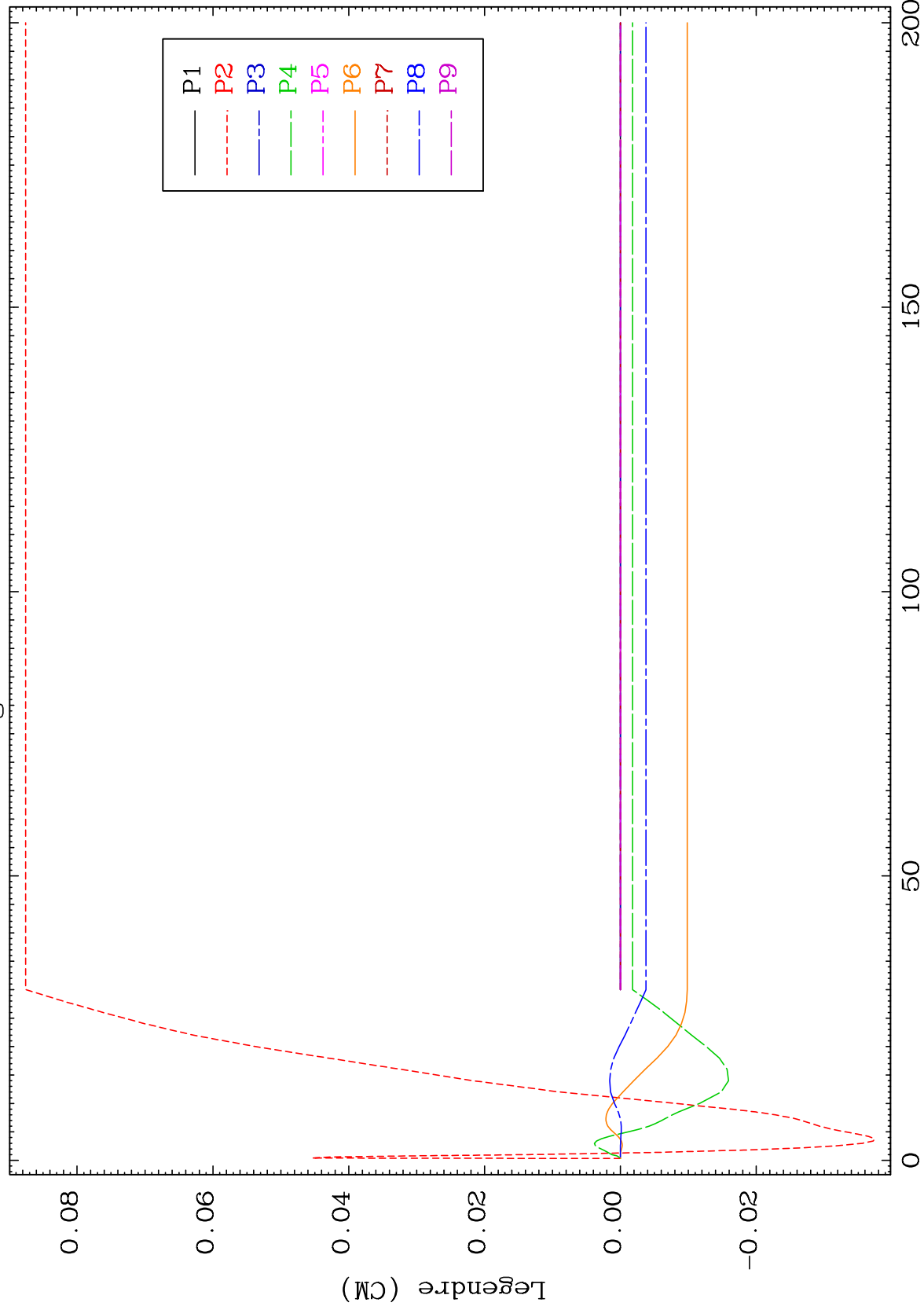
Incident Energy (MeV)

68-Er-169

MAT 6846

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

68-Er-169



44

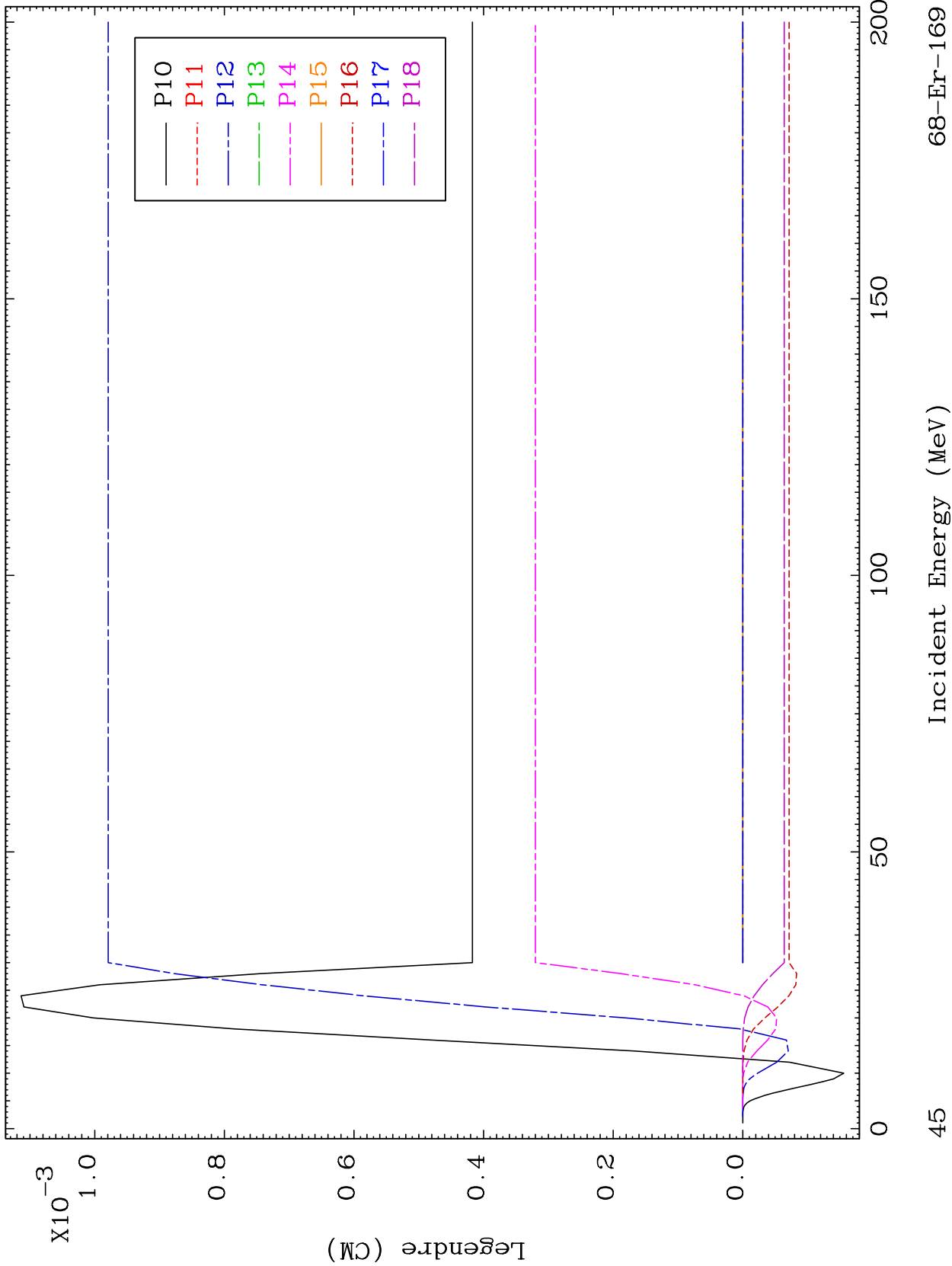
Incident Energy (MeV)

68-Er-169

MAT 6846

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

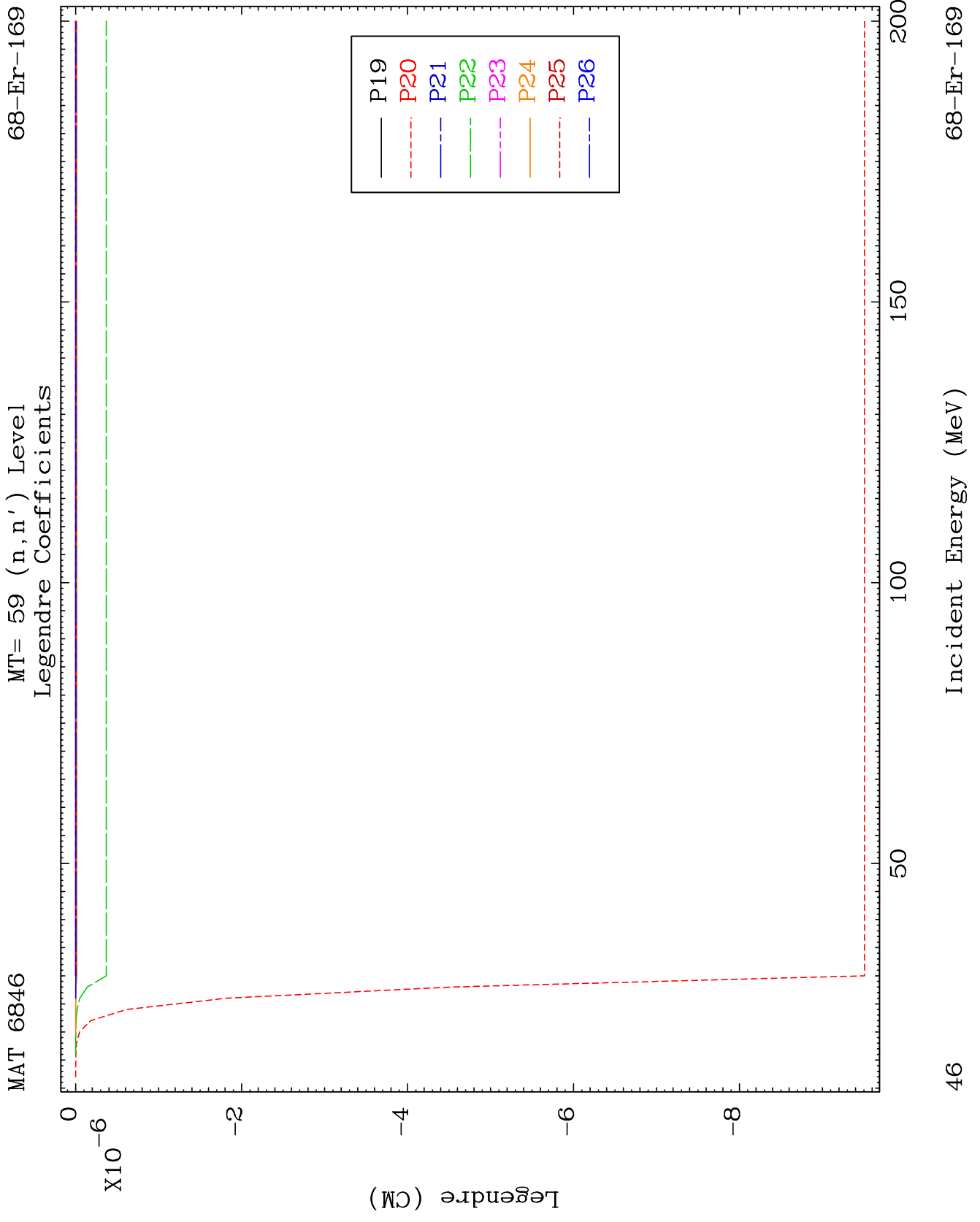
68-Er-169



68-Er-169

Incident Energy (MeV)

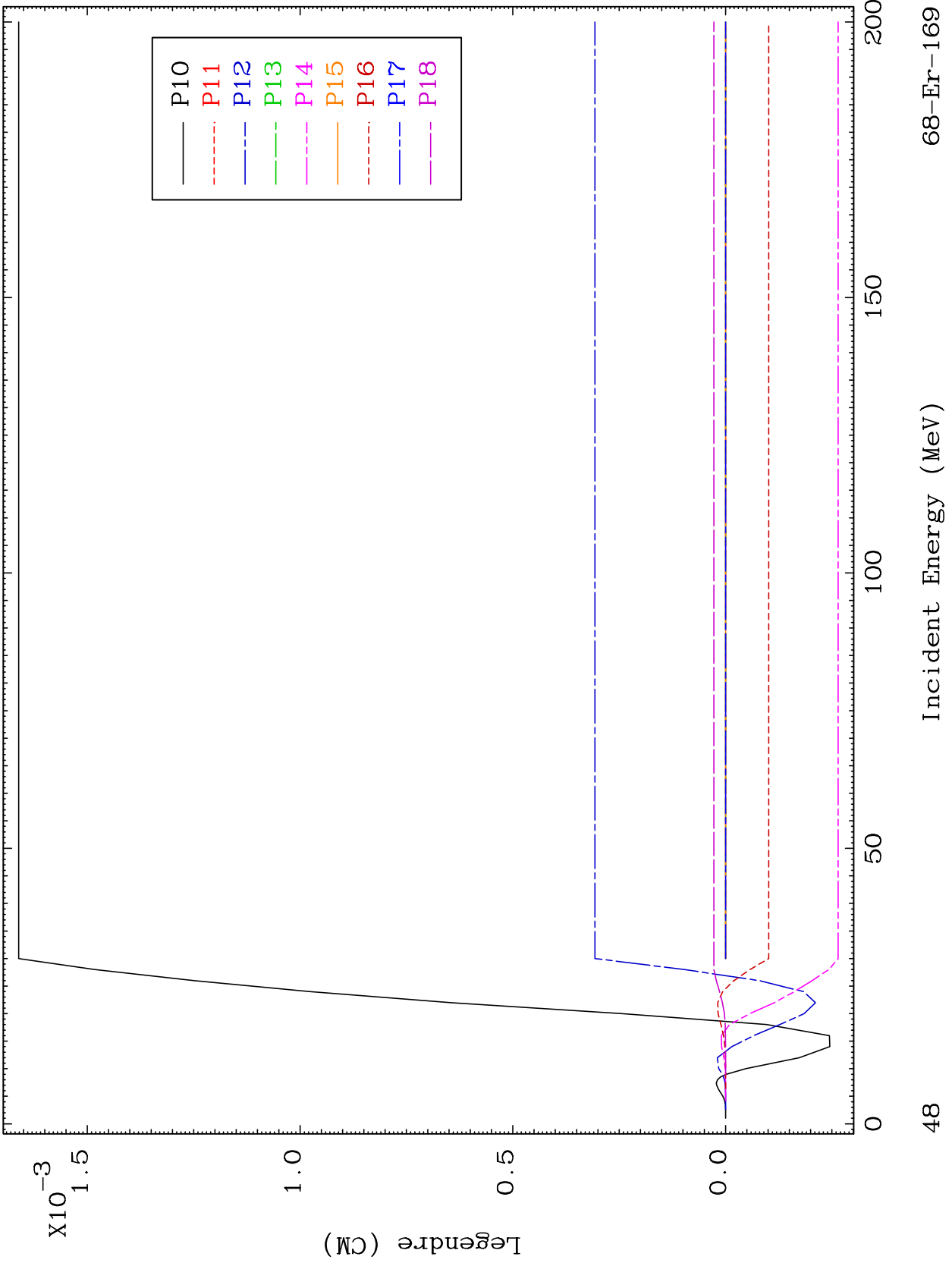
45



MAT 6846

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

68-Er-169



48

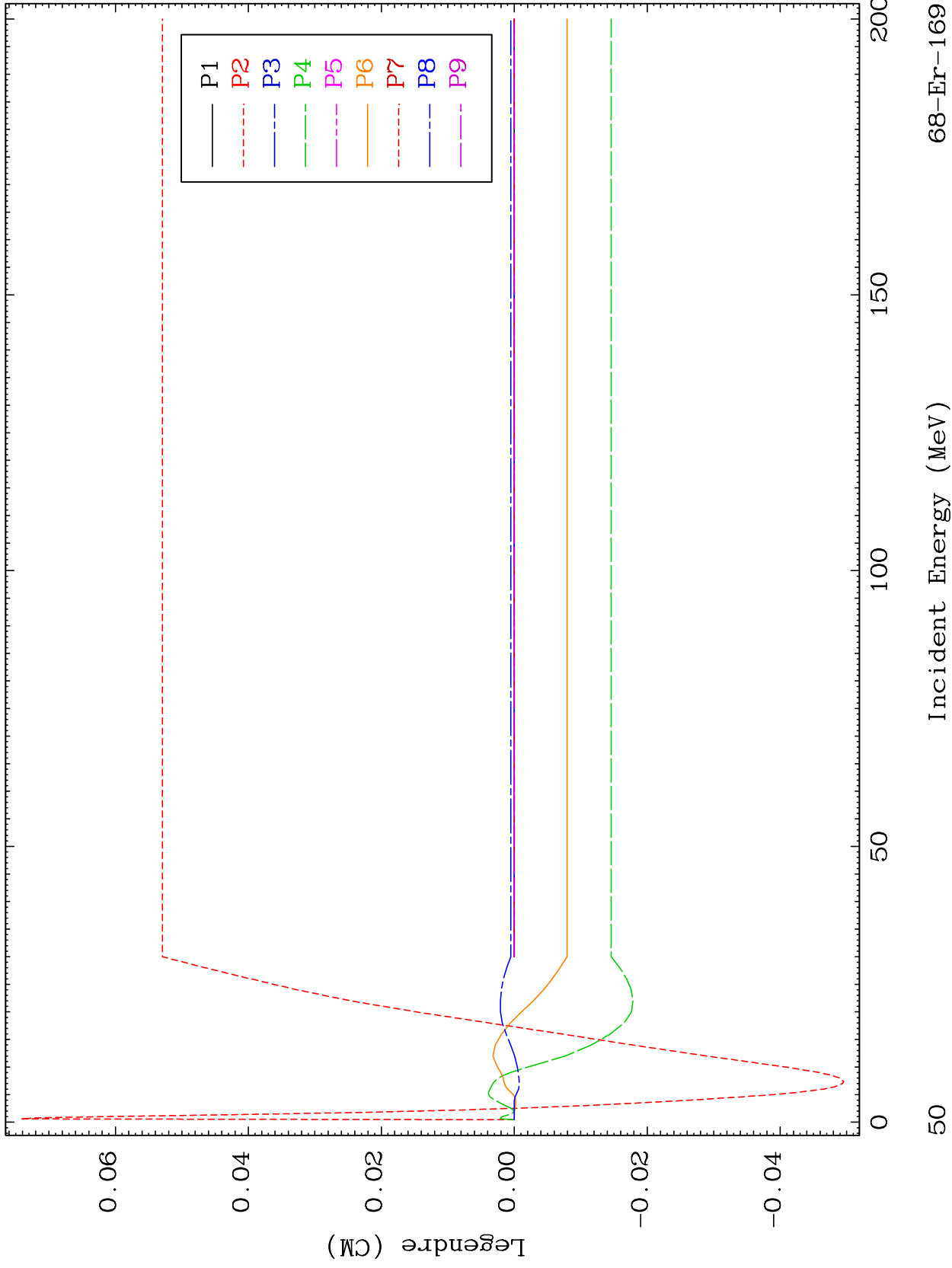
Incident Energy (MeV)

68-Er-169

MAT 6846

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

68-Er-169



68-Er-169

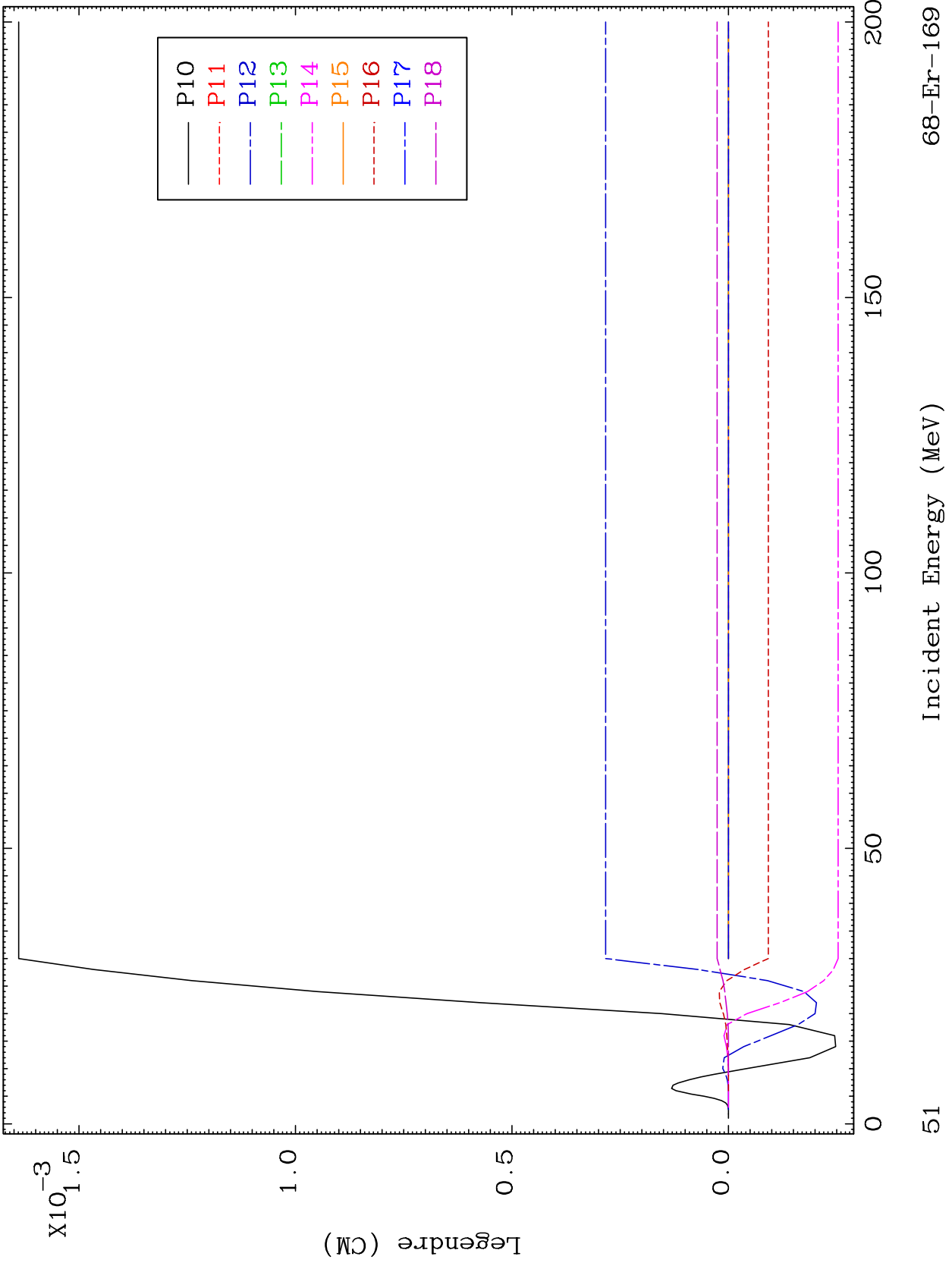
Incident Energy (MeV)

50

MAT 6846

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

68-Er-169



51

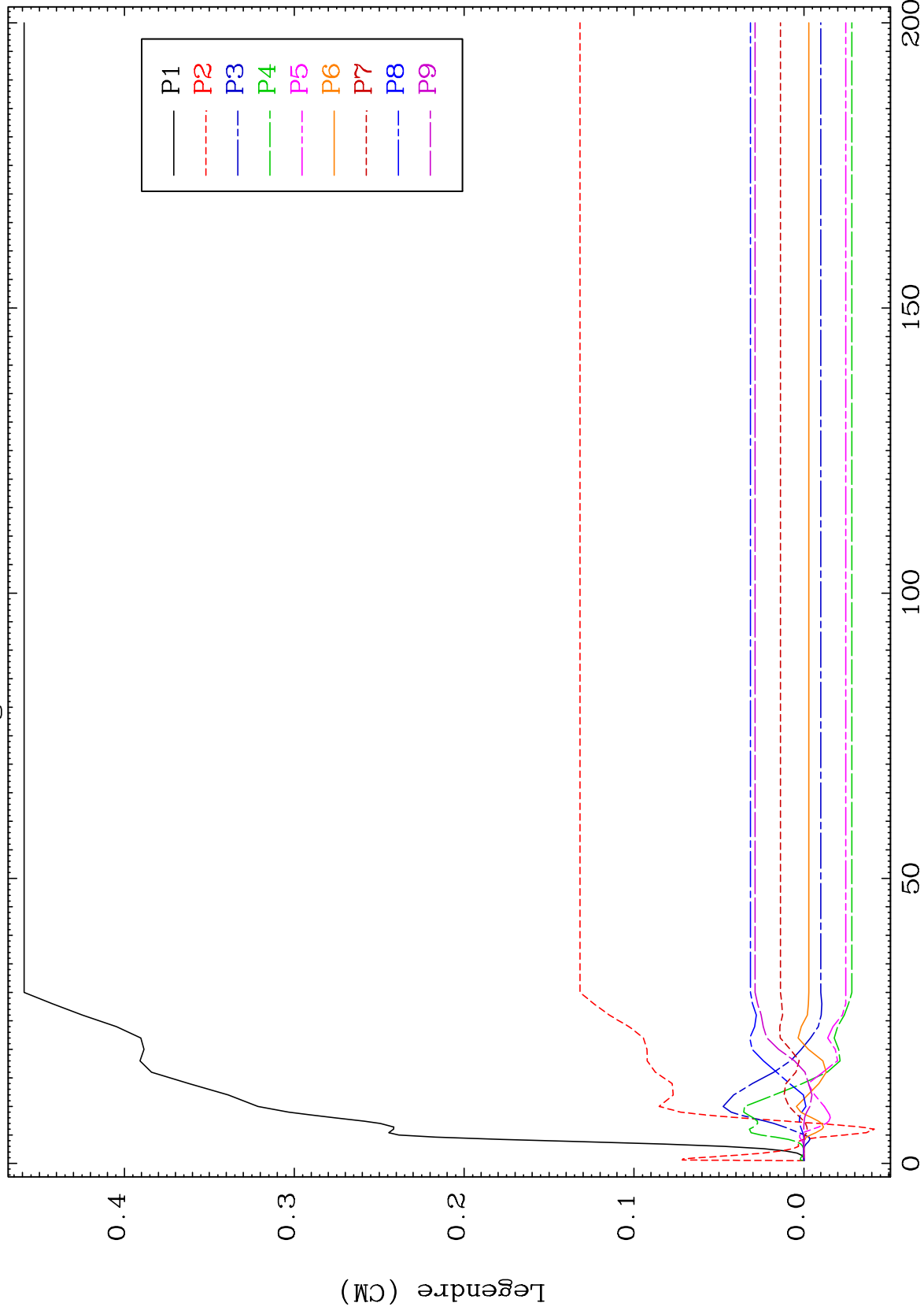
Incident Energy (MeV)

68-Er-169

MAT 6846

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

68-Er-169



53

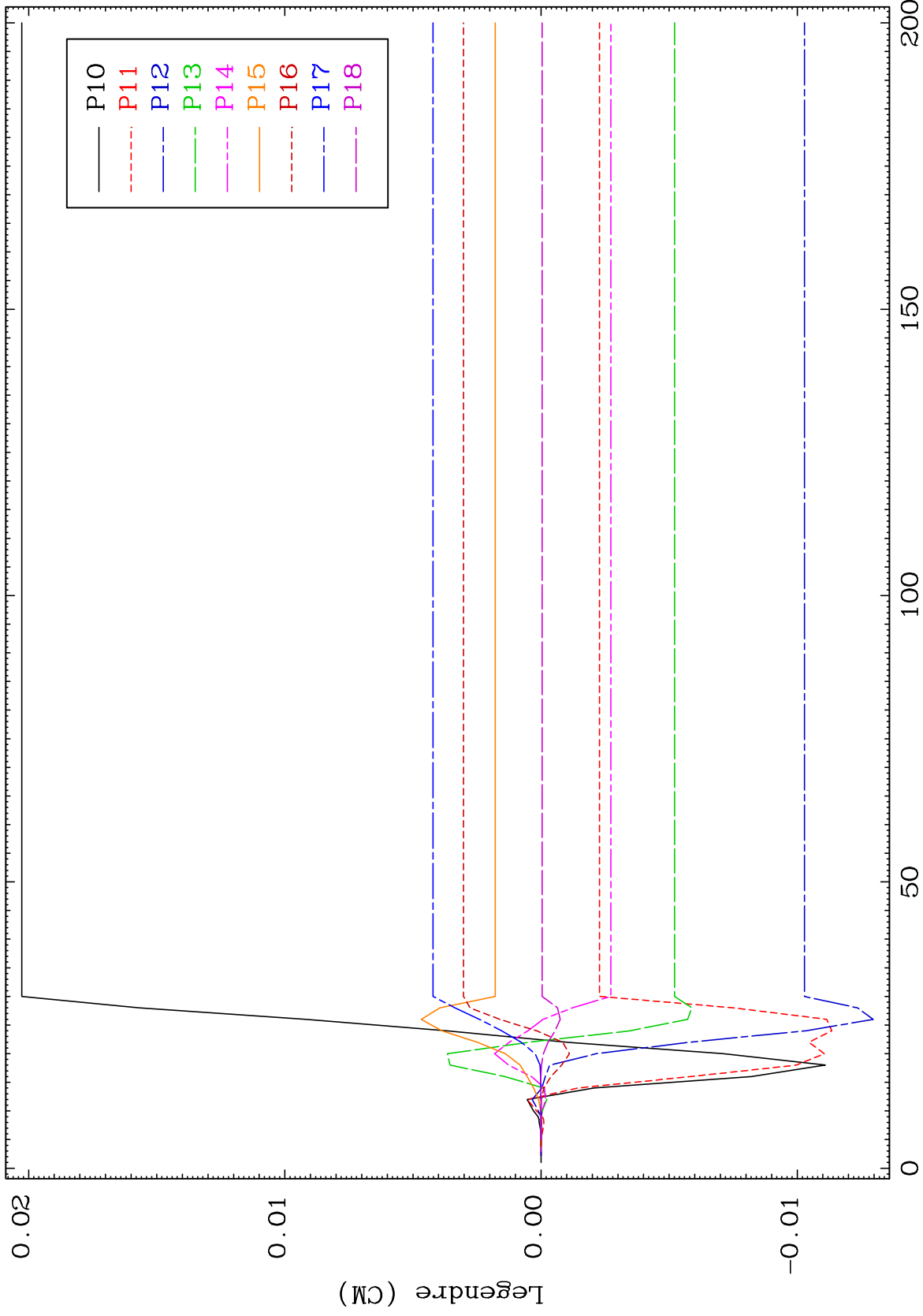
Incident Energy (MeV)

68-Er-169

MAT 6846

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

68-Er-169



54

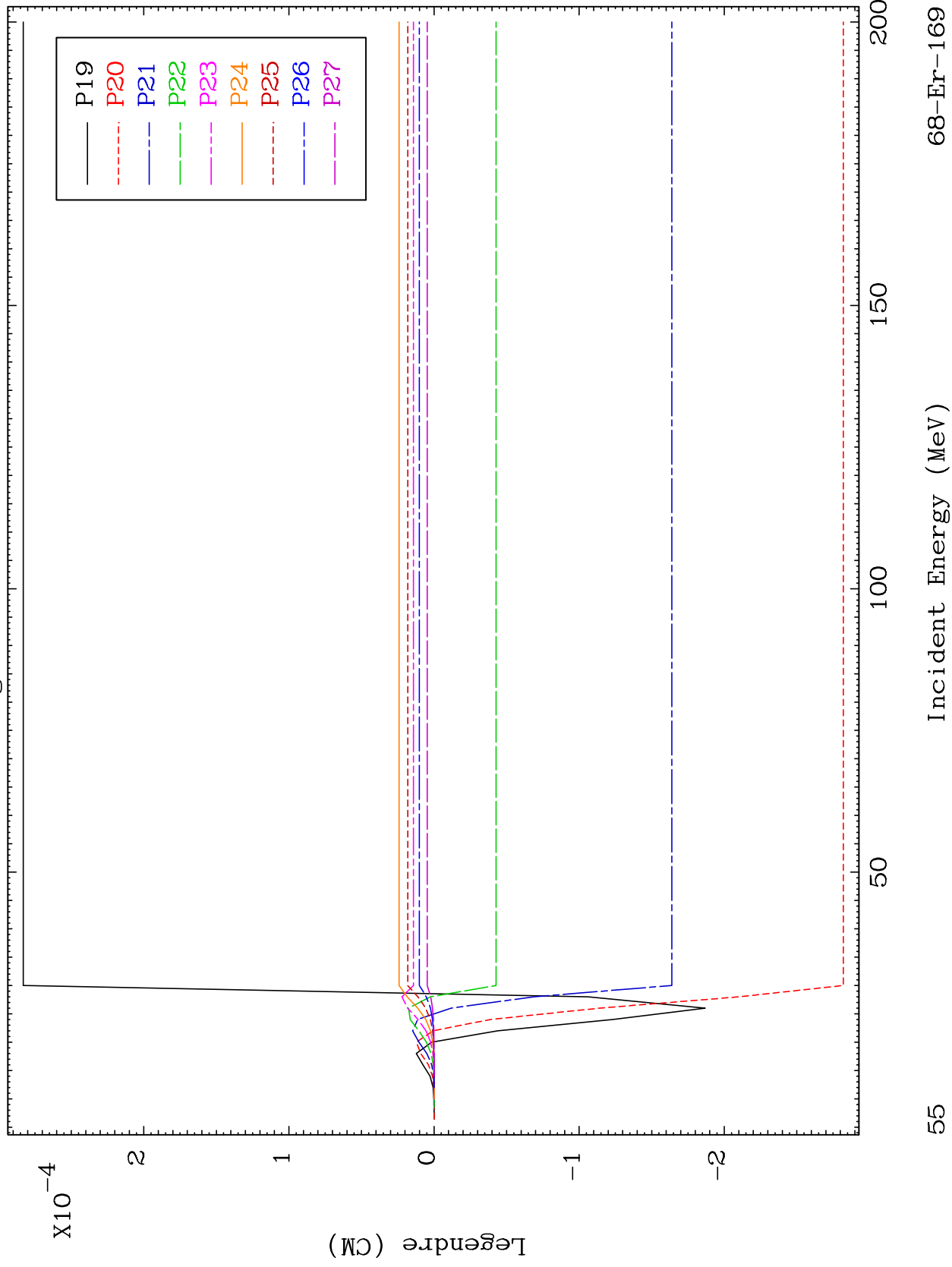
Incident Energy (MeV)

68-Er-169

MAT 6846

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

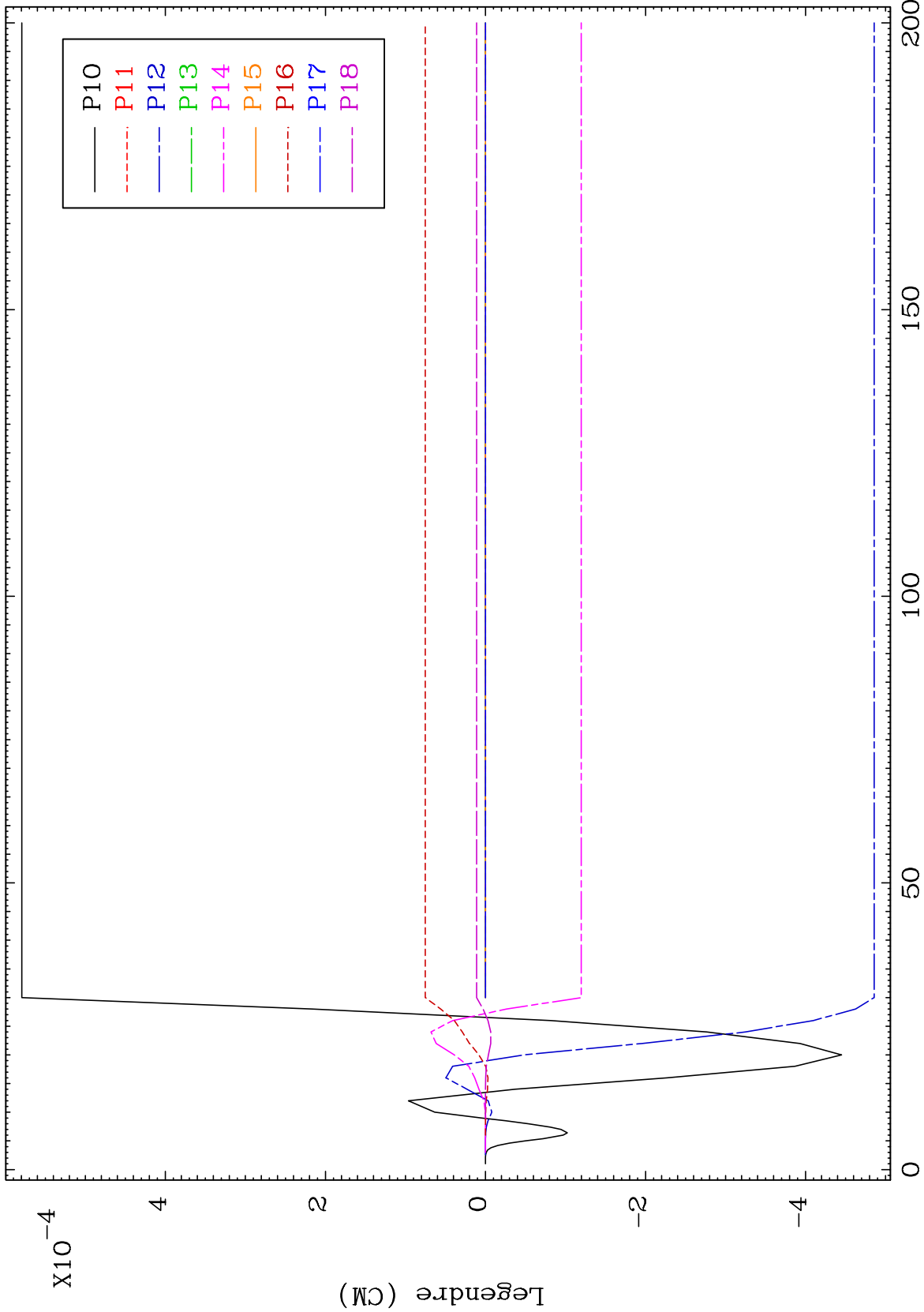
68-Er-169



MAT 6846

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

68-Er-169



58

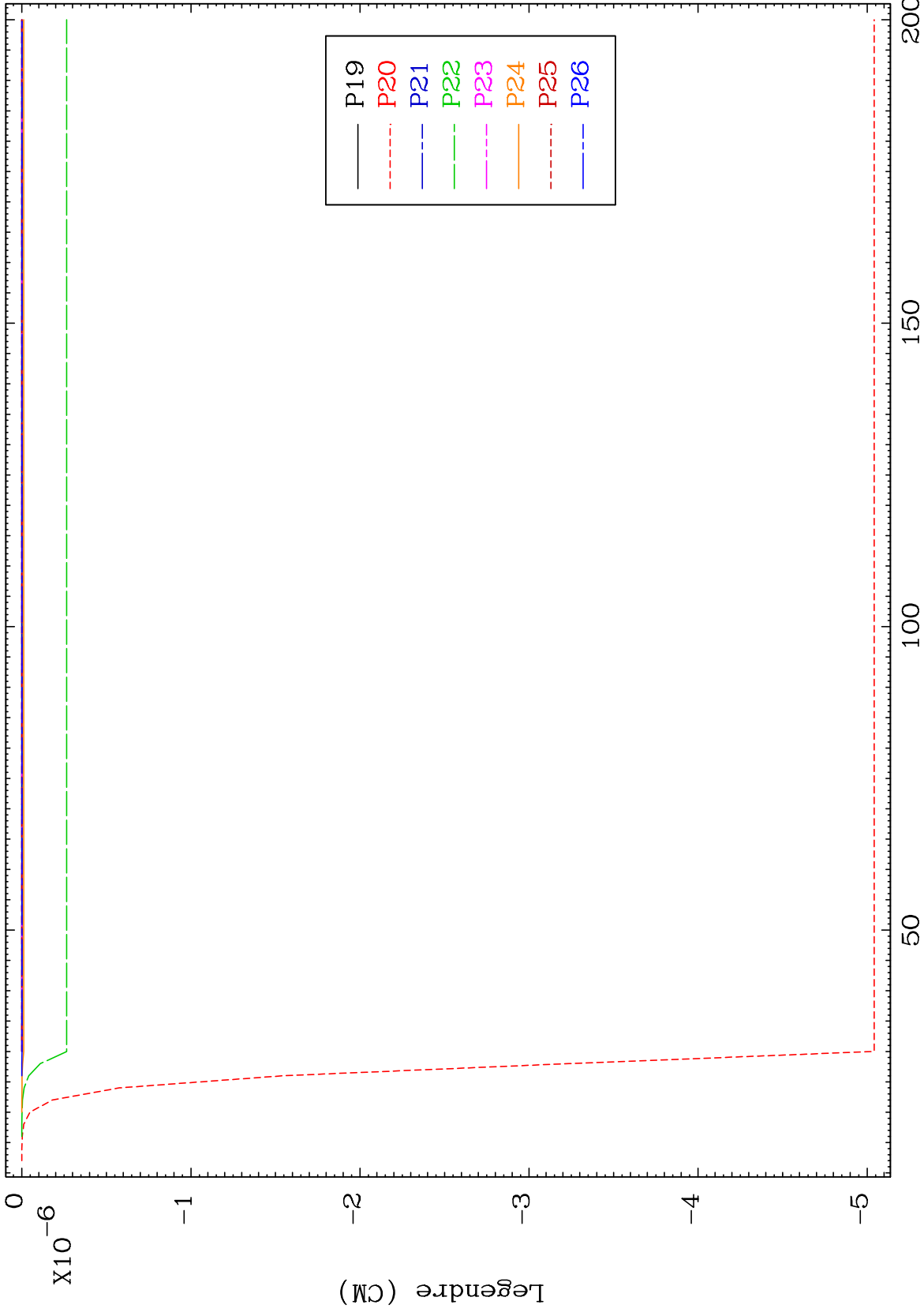
Incident Energy (MeV)

68-Er-169

MAT 6846

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

68-Er-169



59

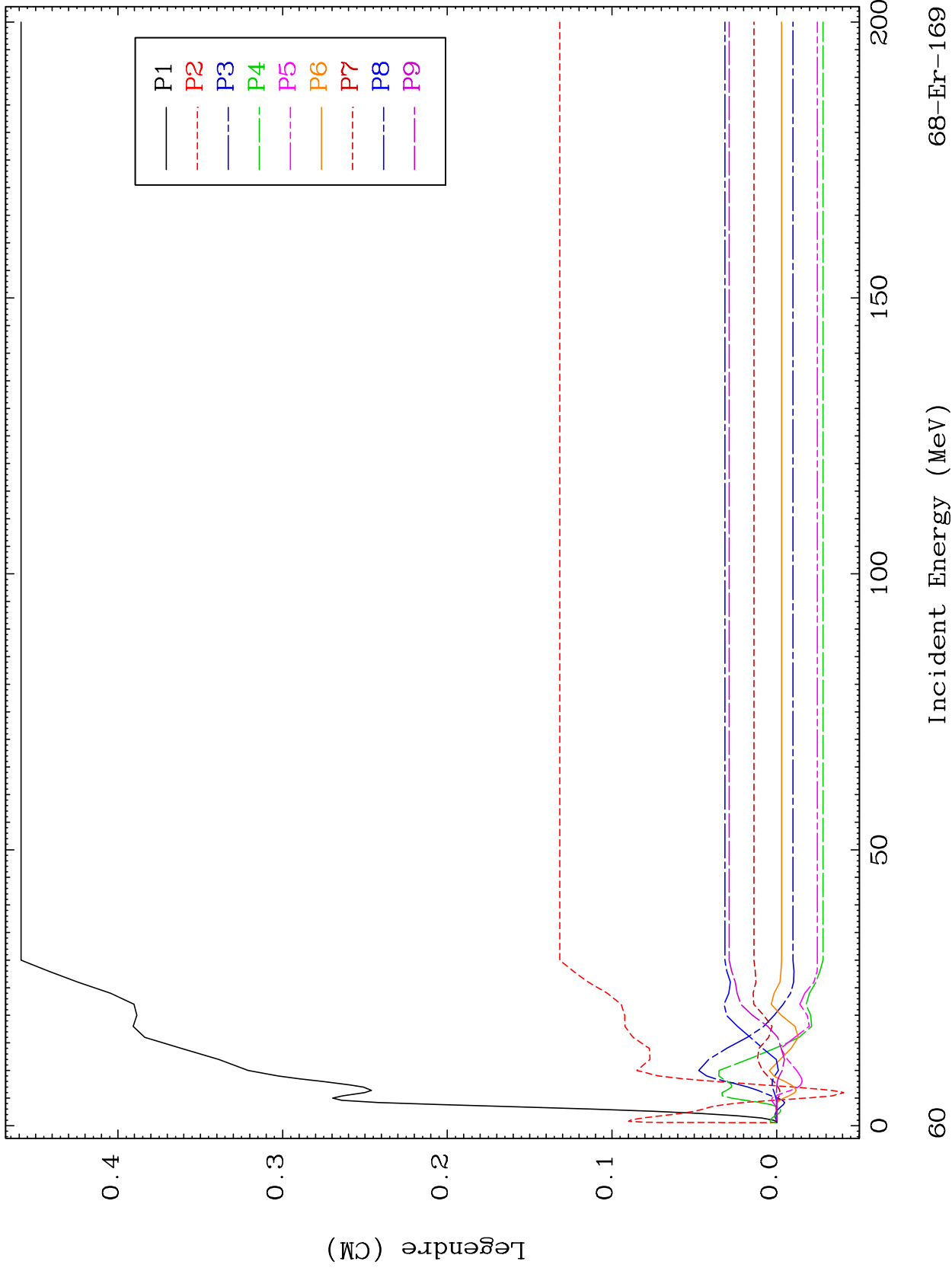
Incident Energy (MeV)

68-Er-169

MAT 6846

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

68-Er-169

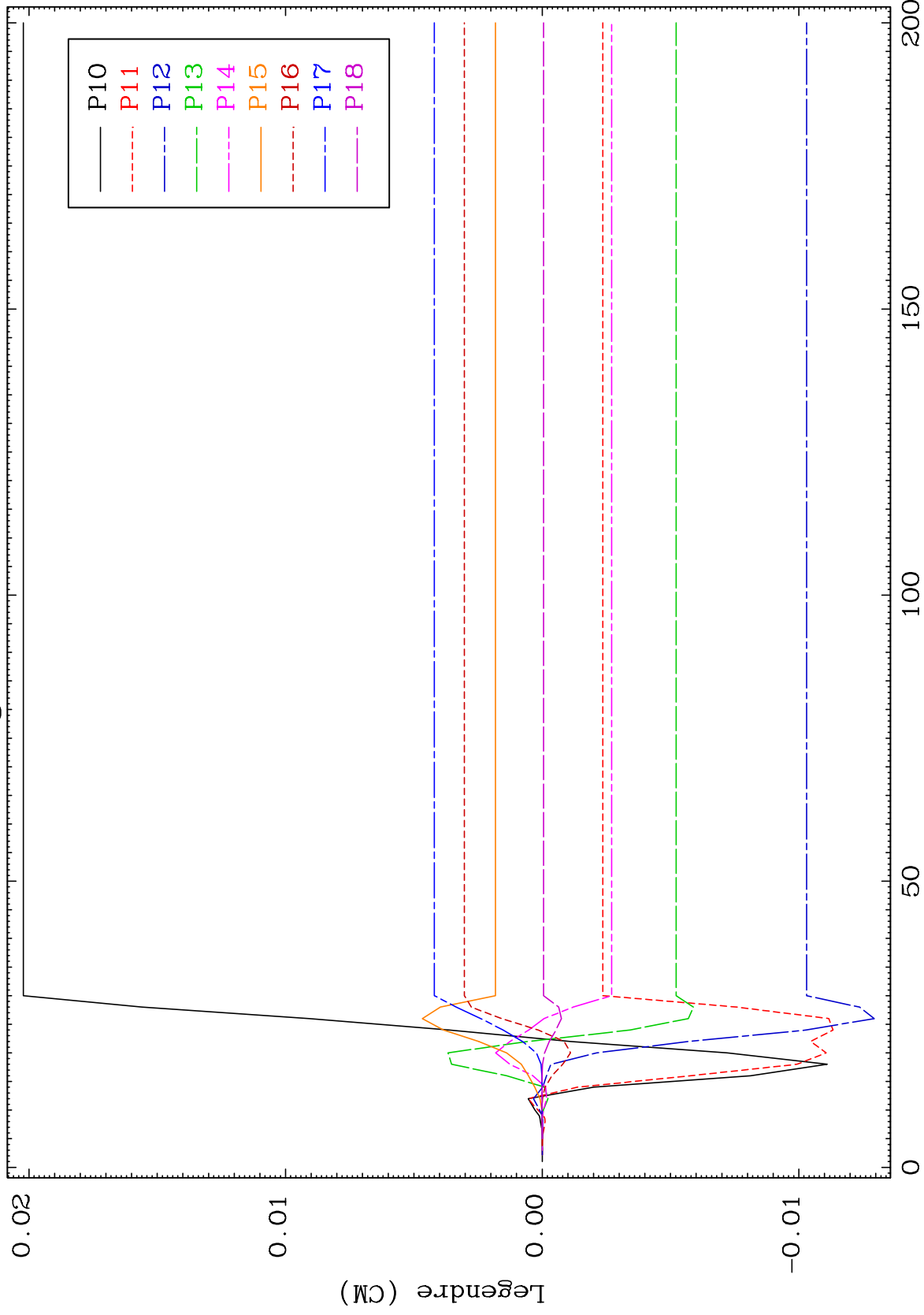


68-Er-169

MAT 6846

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

68-Er-169



61

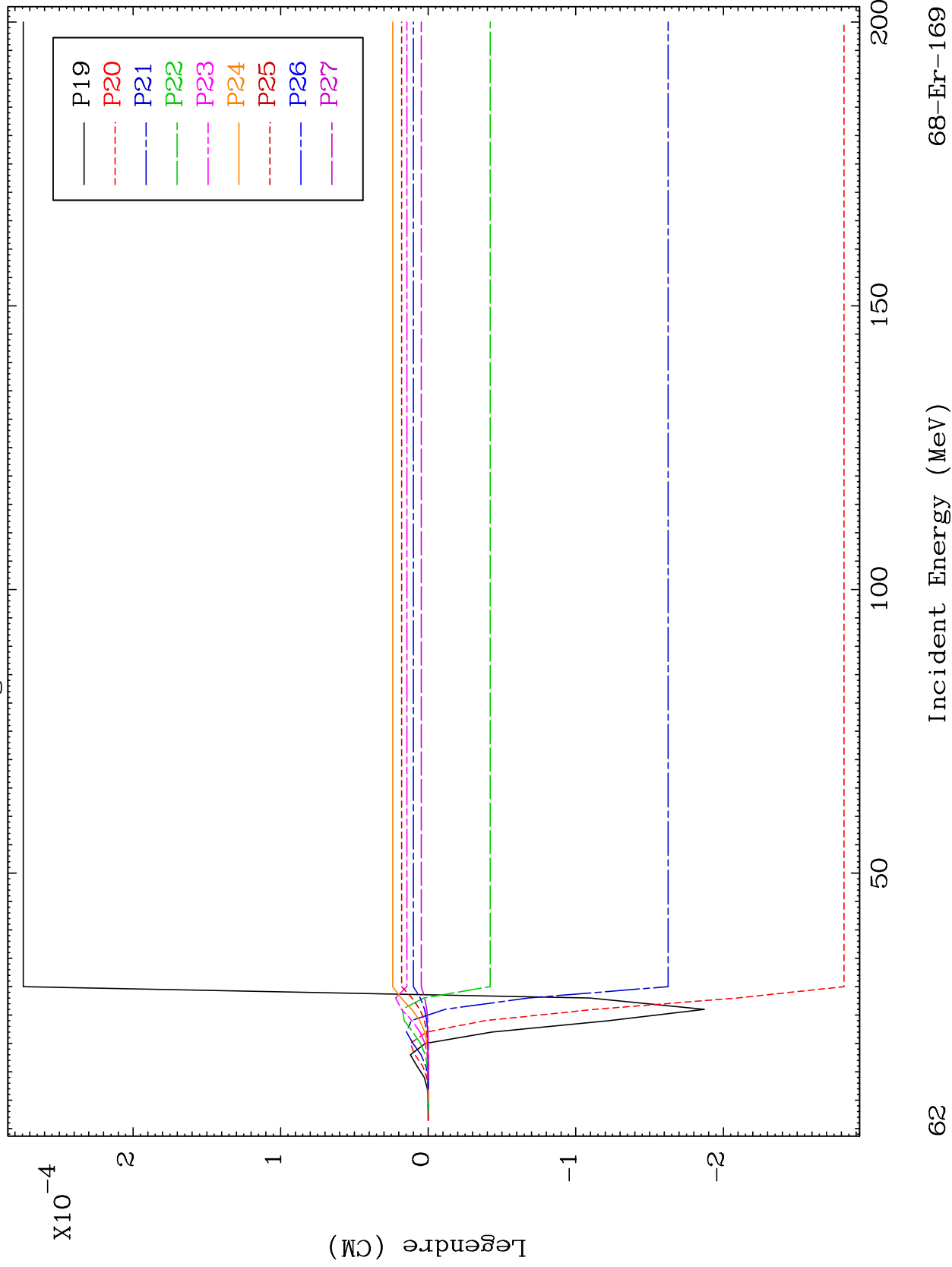
Incident Energy (MeV)

68-Er-169

MAT 6846

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

68-Er-169



62

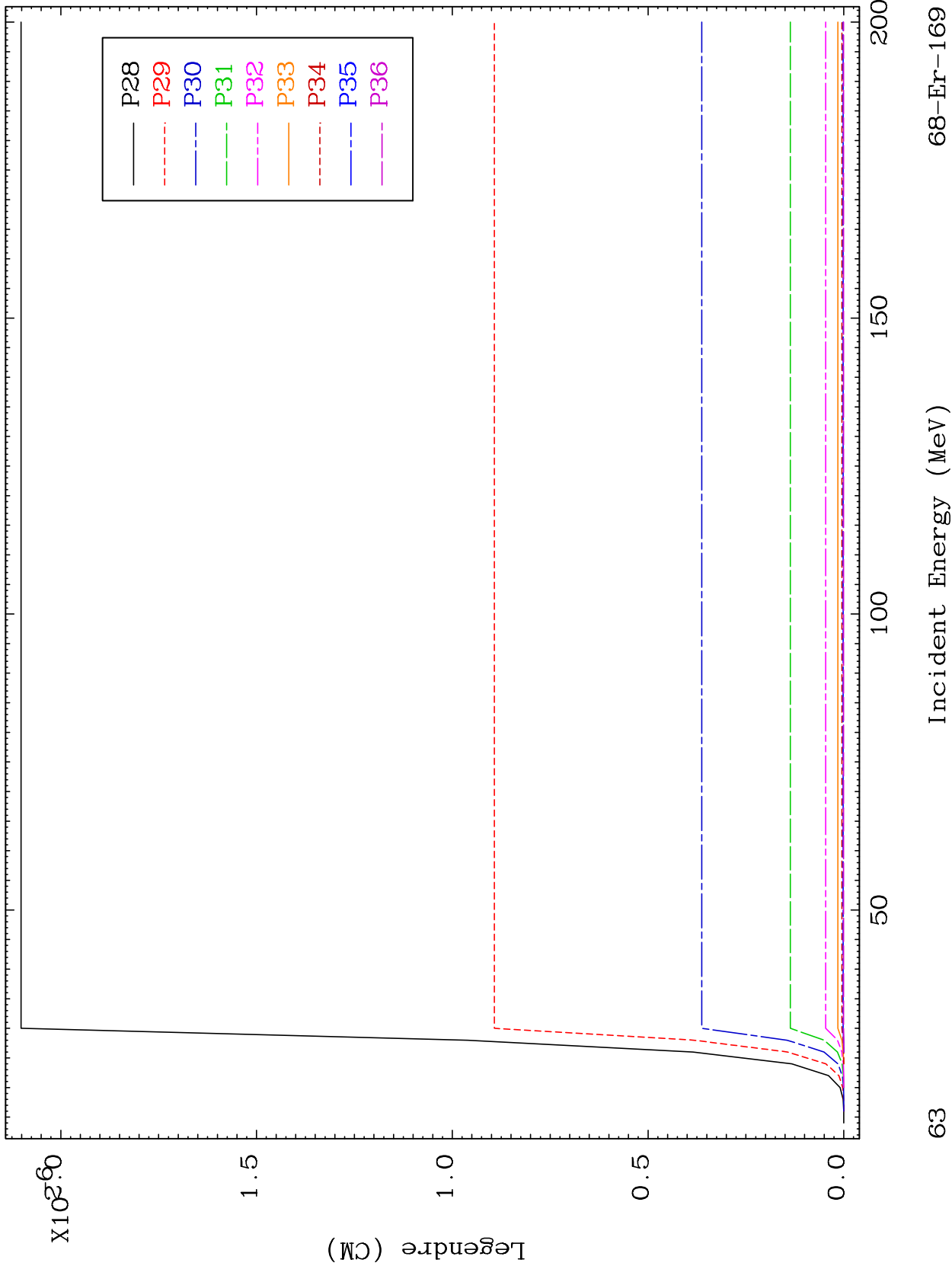
Incident Energy (MeV)

68-Er-169

MAT 6846

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

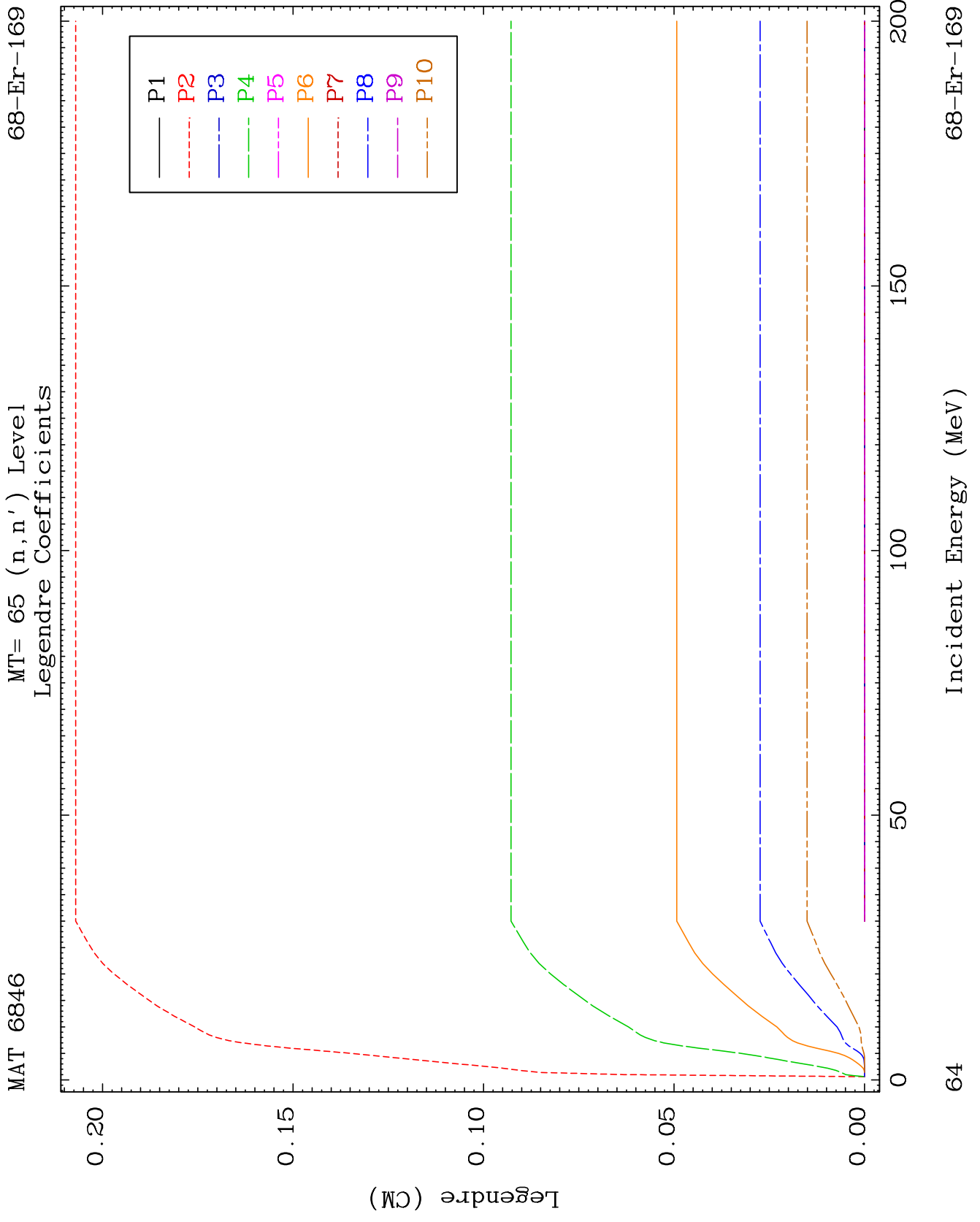
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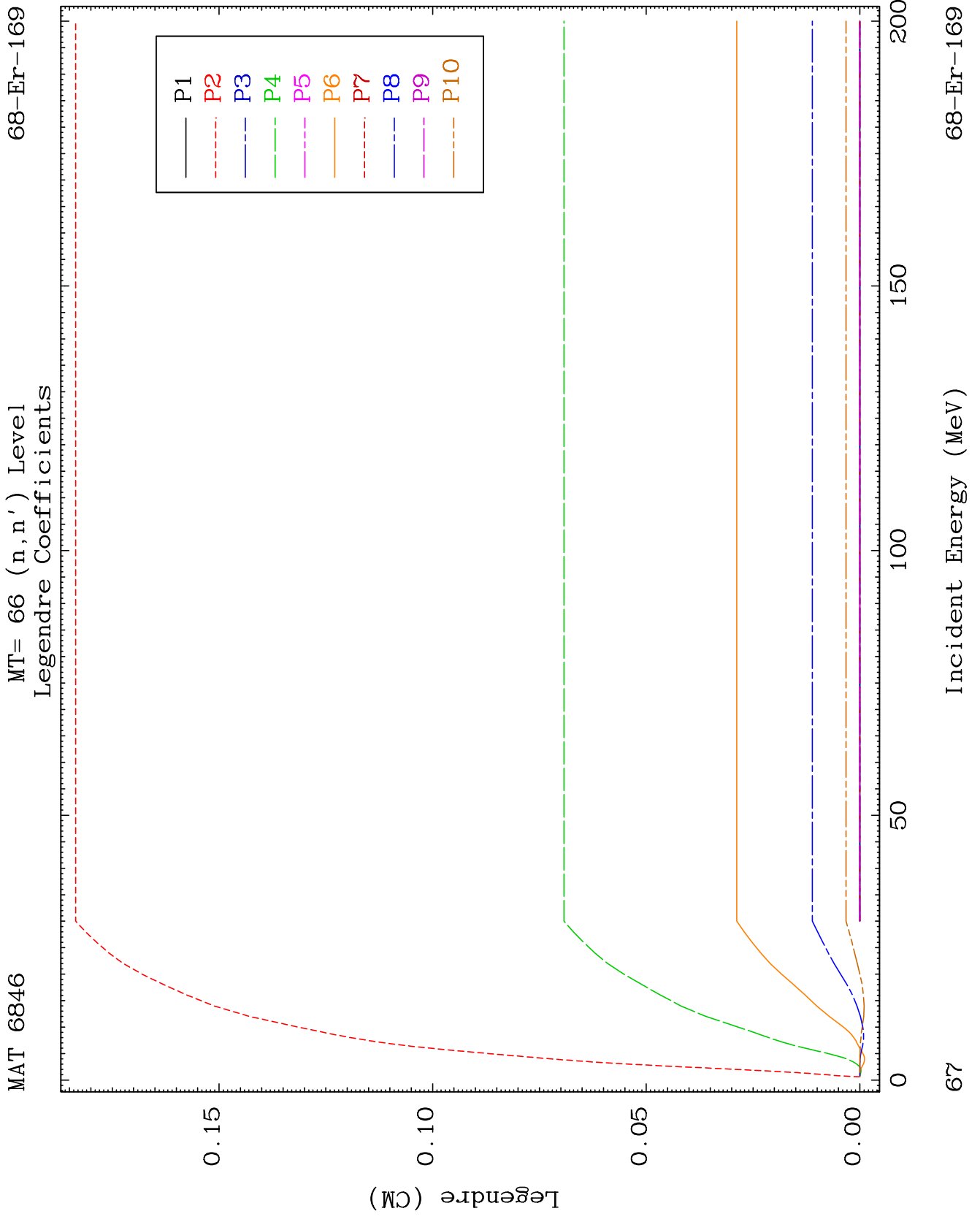


63

Incident Energy (MeV)

68-Er-169

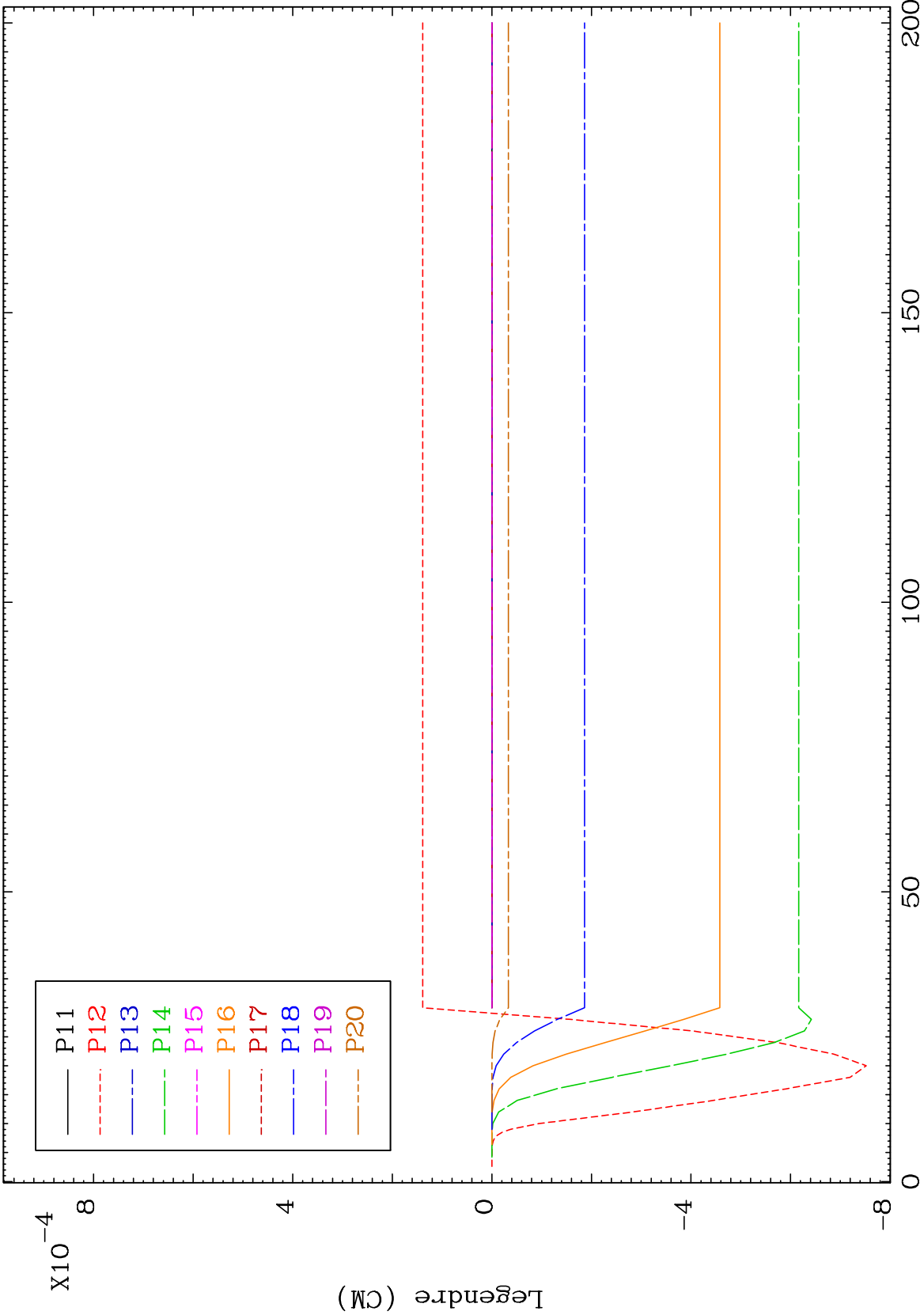
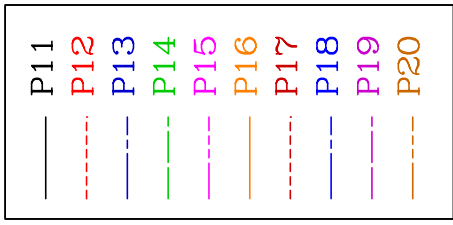




MAT 6846

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

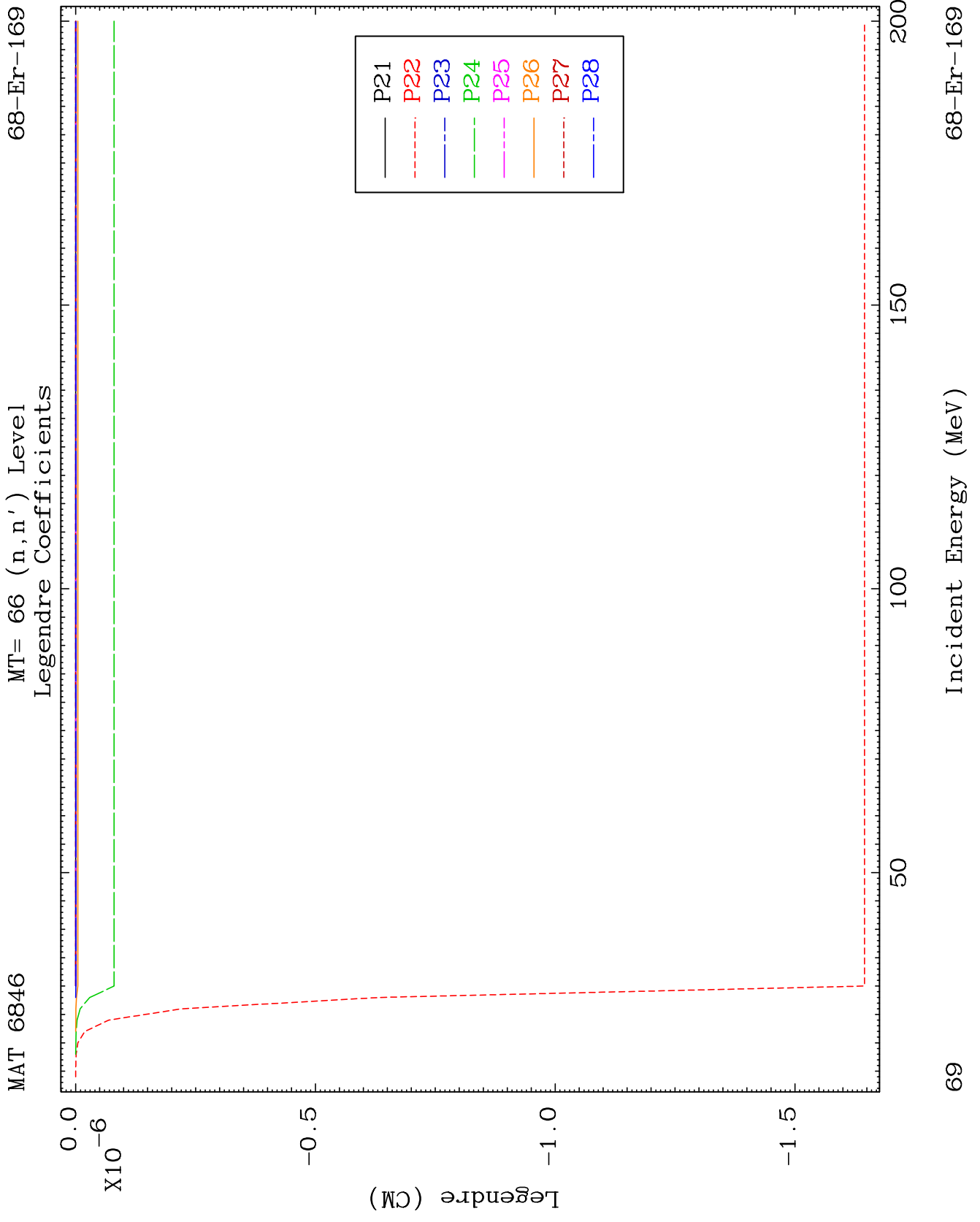
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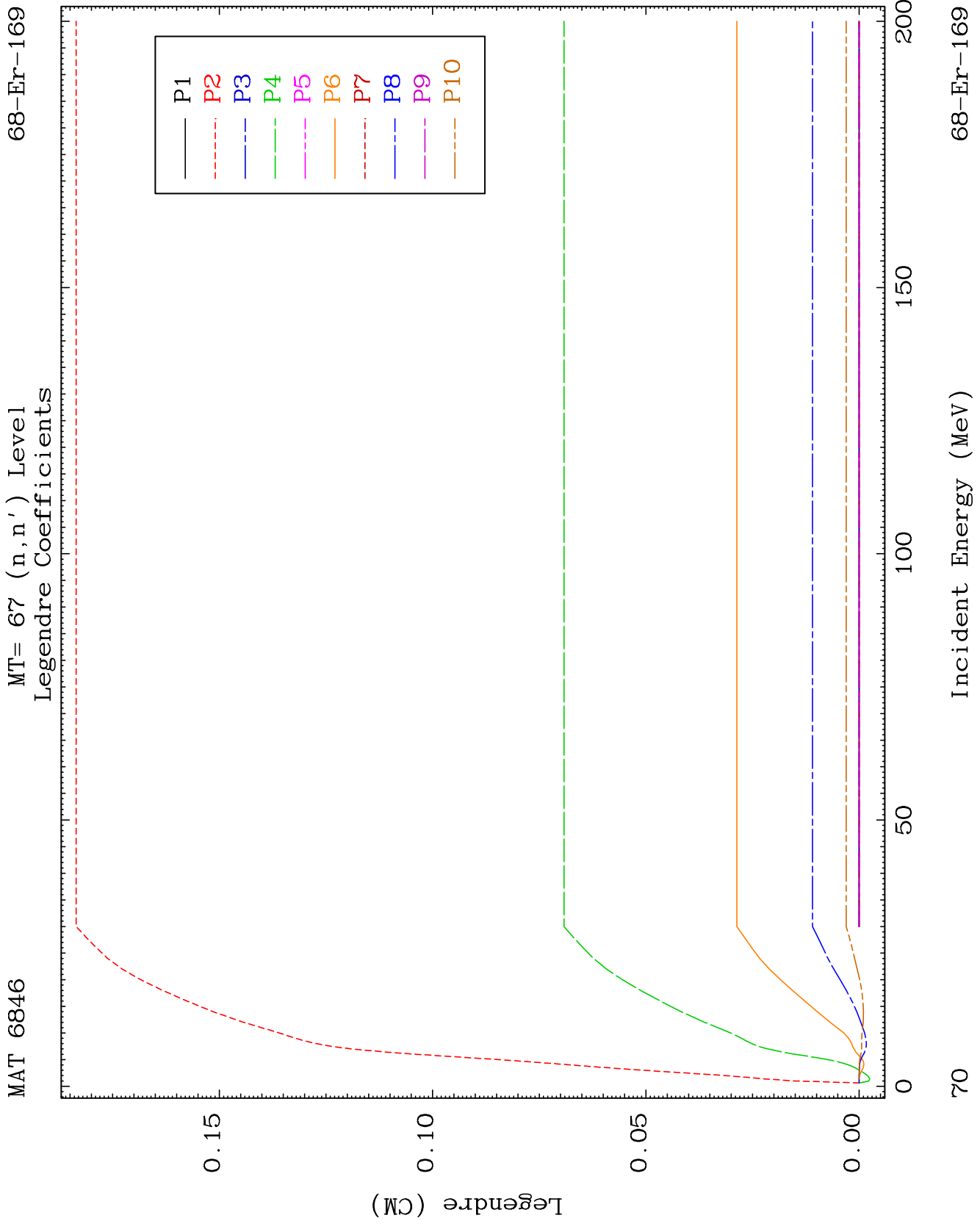


68

Incident Energy (MeV)

68-Er-169

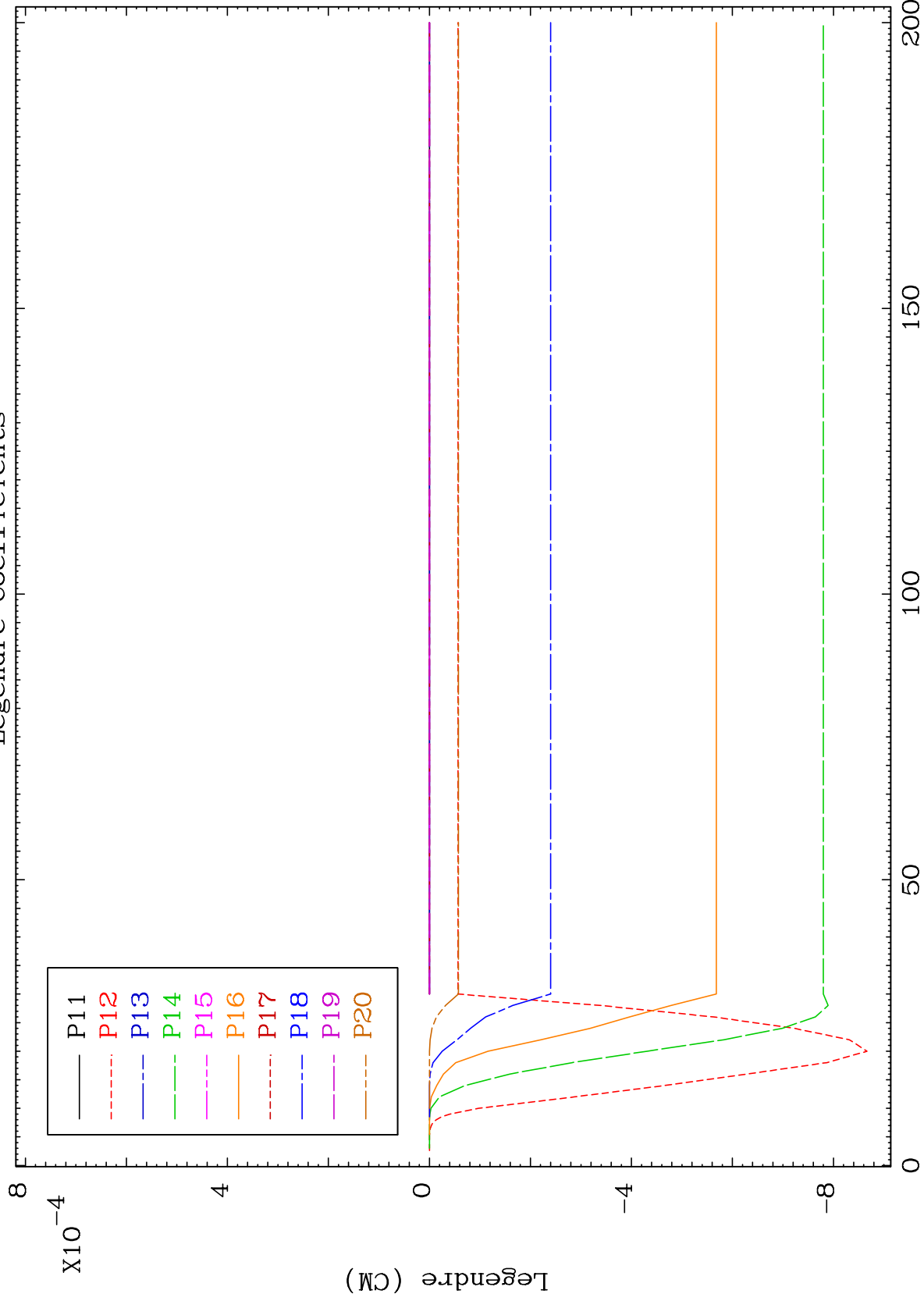




MAT 6846

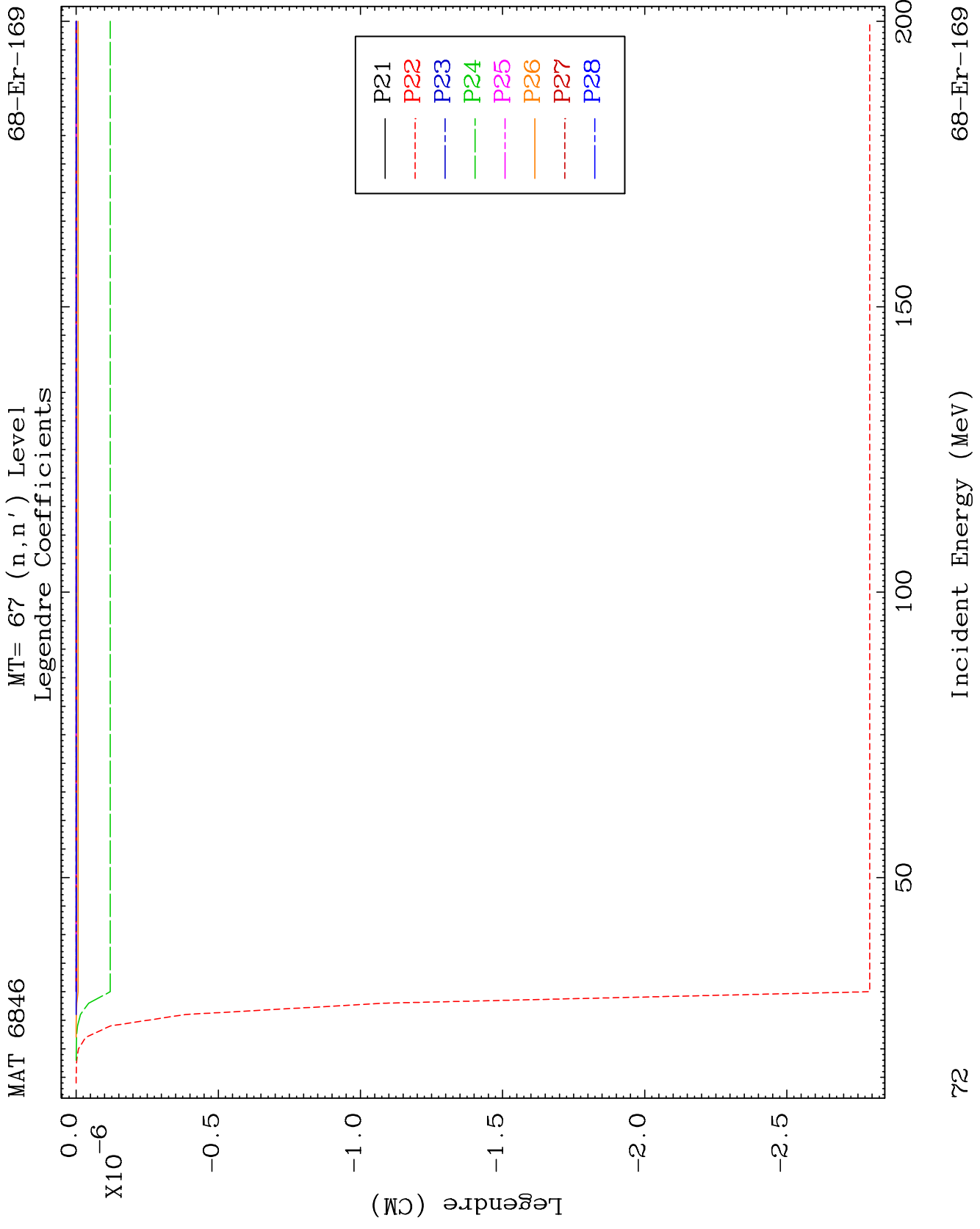
MT= 67 (n,n') Level
Legendre Coefficients

68-Er-169



71

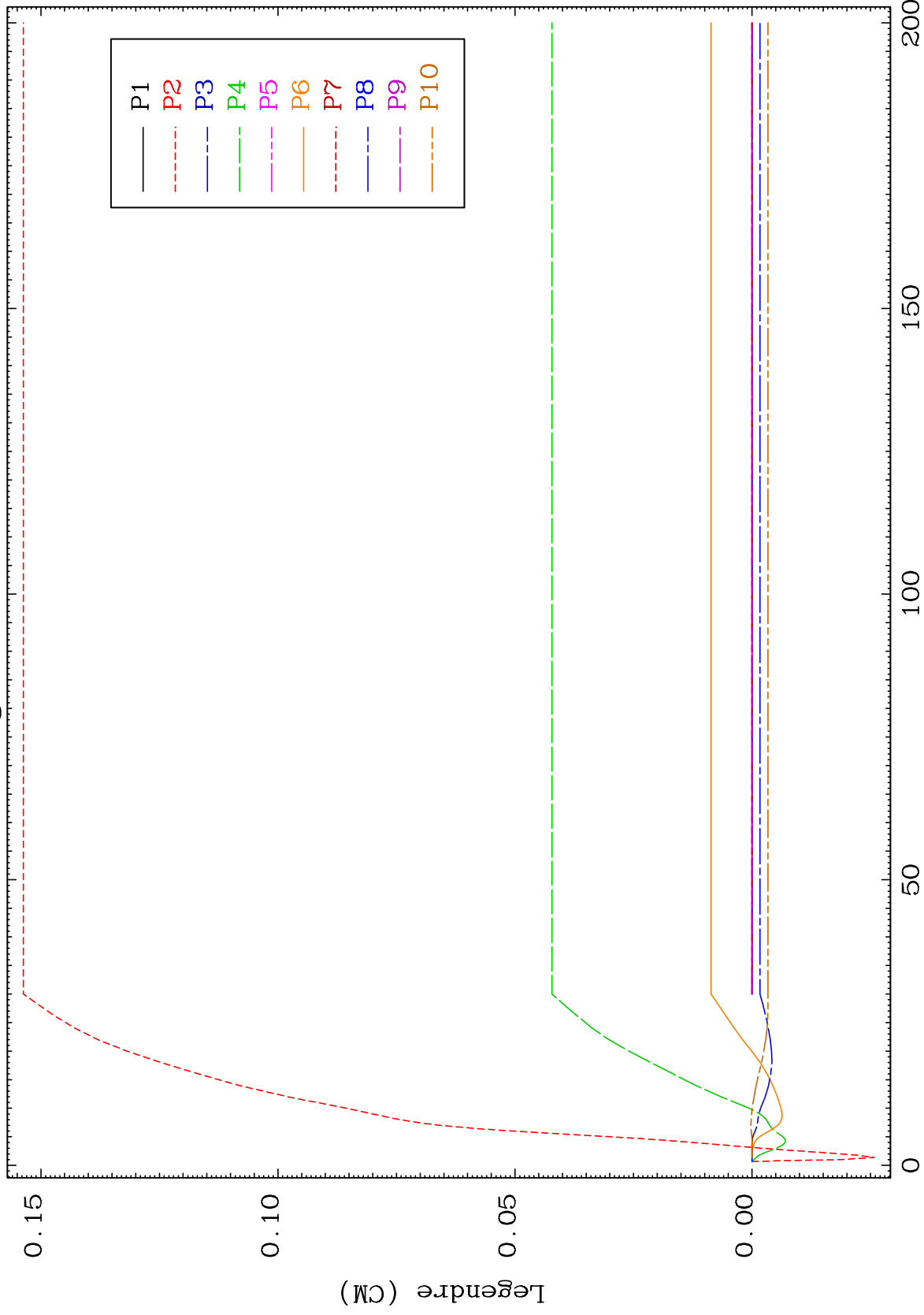
68-Er-169



MAT 6846

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

68-Er-169



73

Incident Energy (MeV)

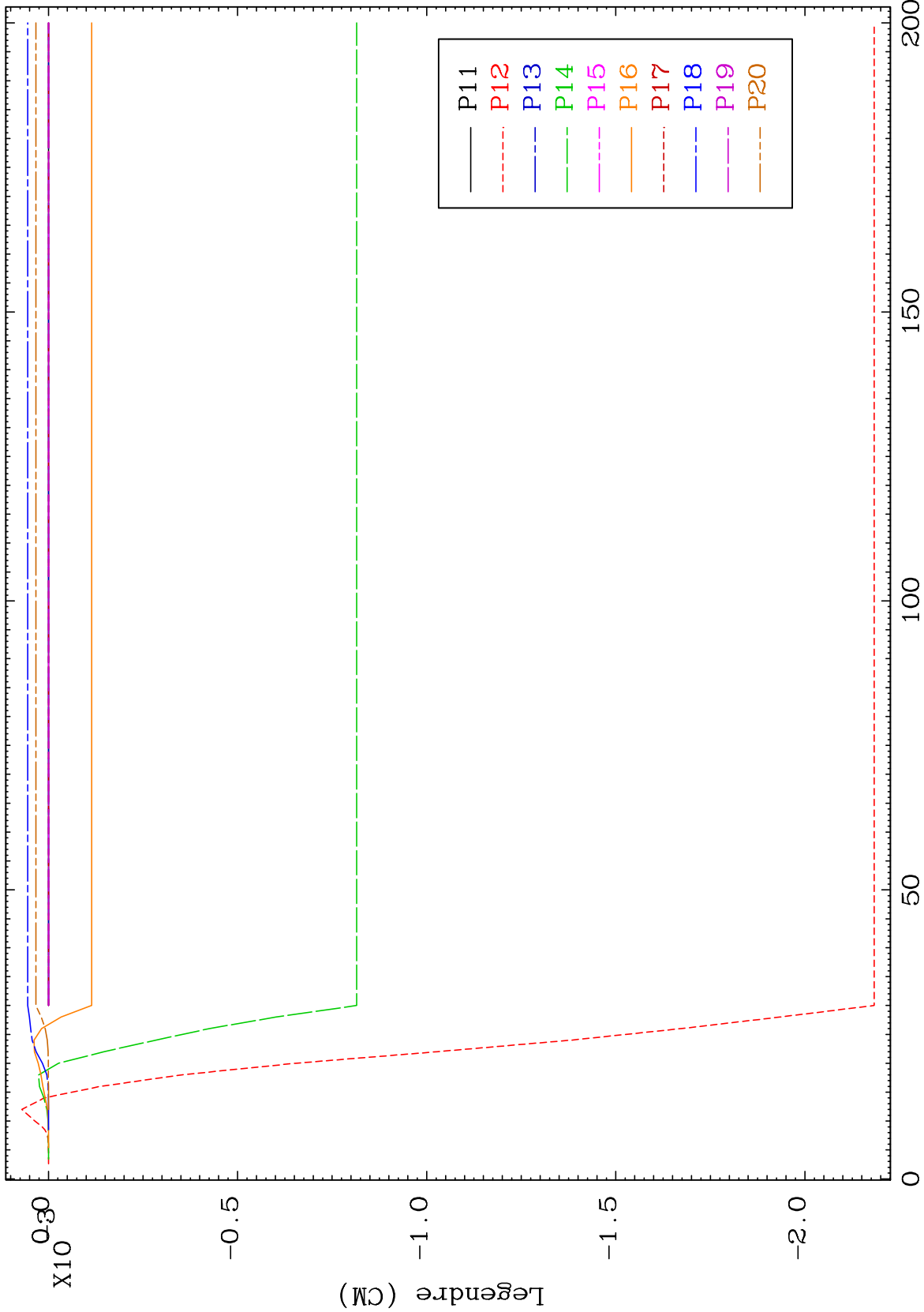
68-Er-169

MAT 6846

MT= 68 (n,n') Level

68-Er-169

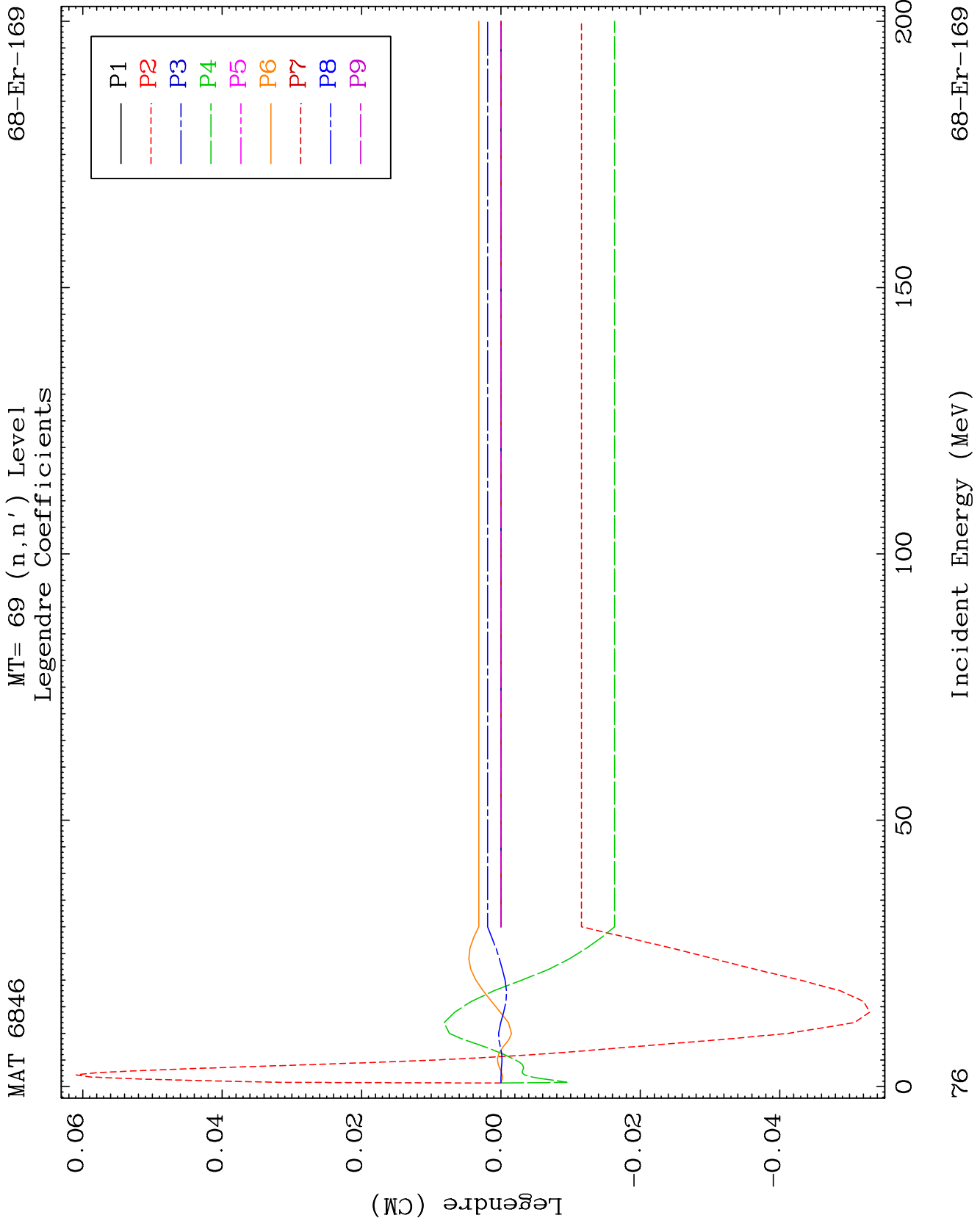
Legendre Coefficients



74

Incident Energy (MeV)

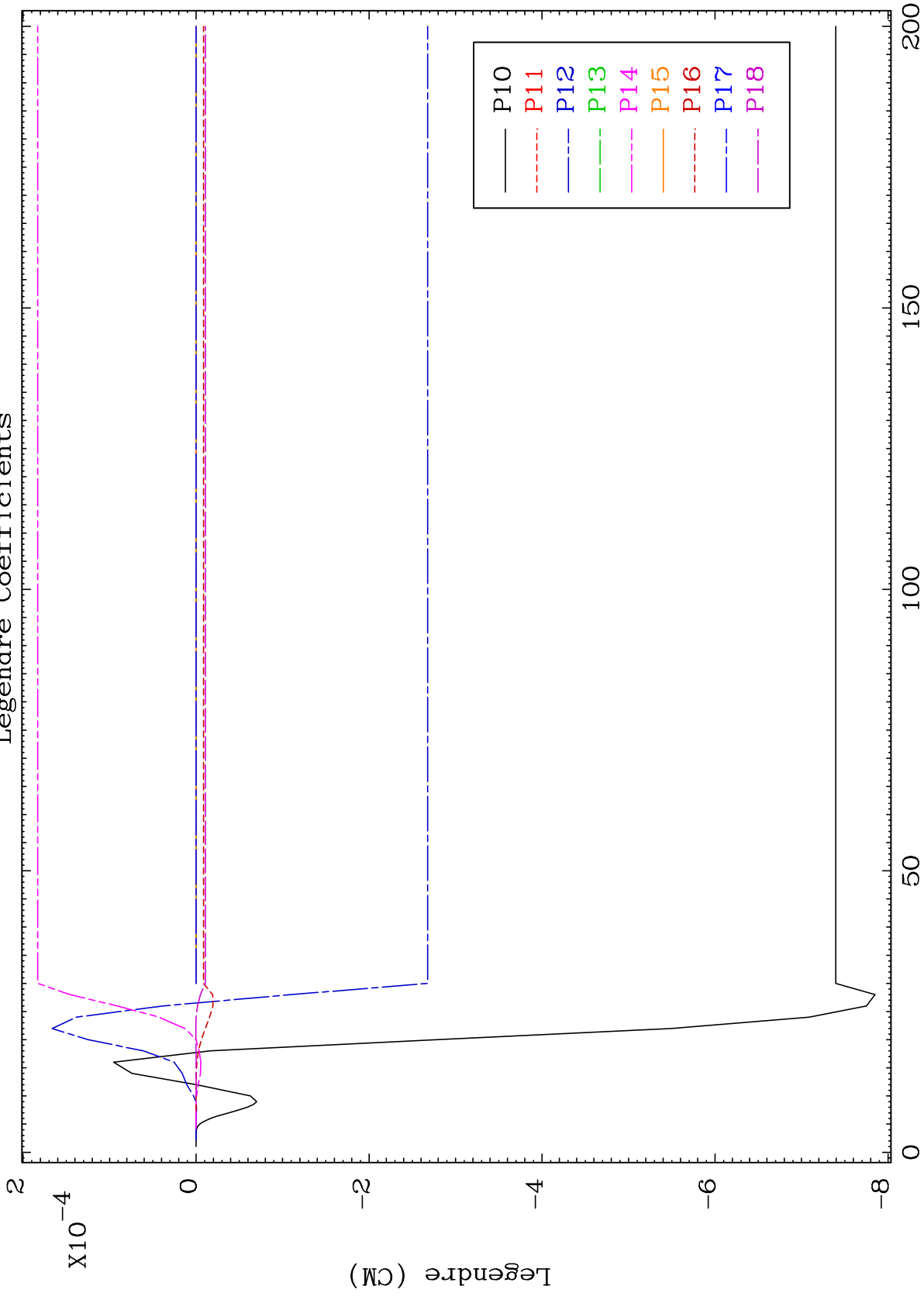
68-Er-169



MAT 6846

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

68-Er-169



77

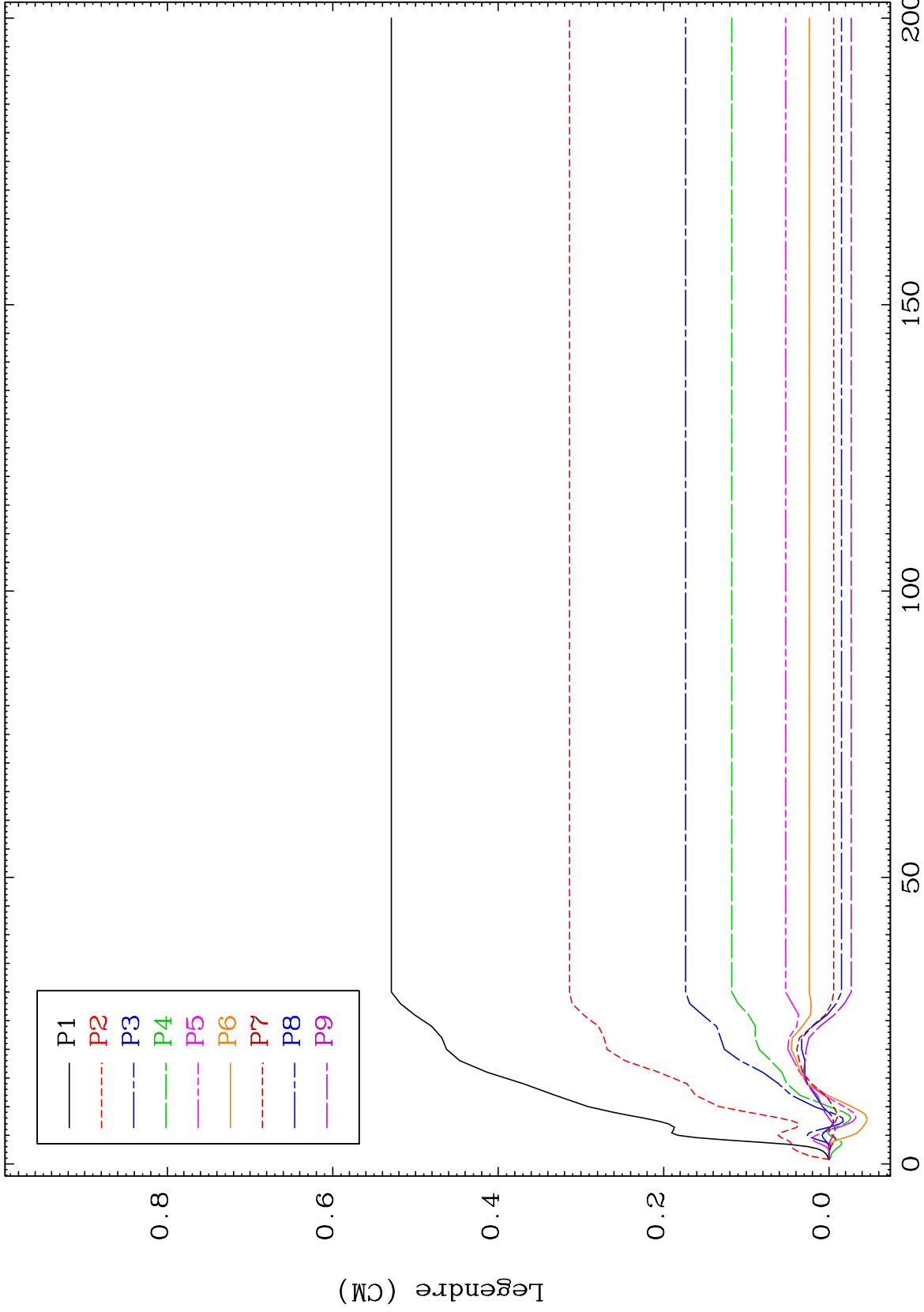
Incident Energy (MeV)

68-Er-169

MAT 6846

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

68-Er-169



79

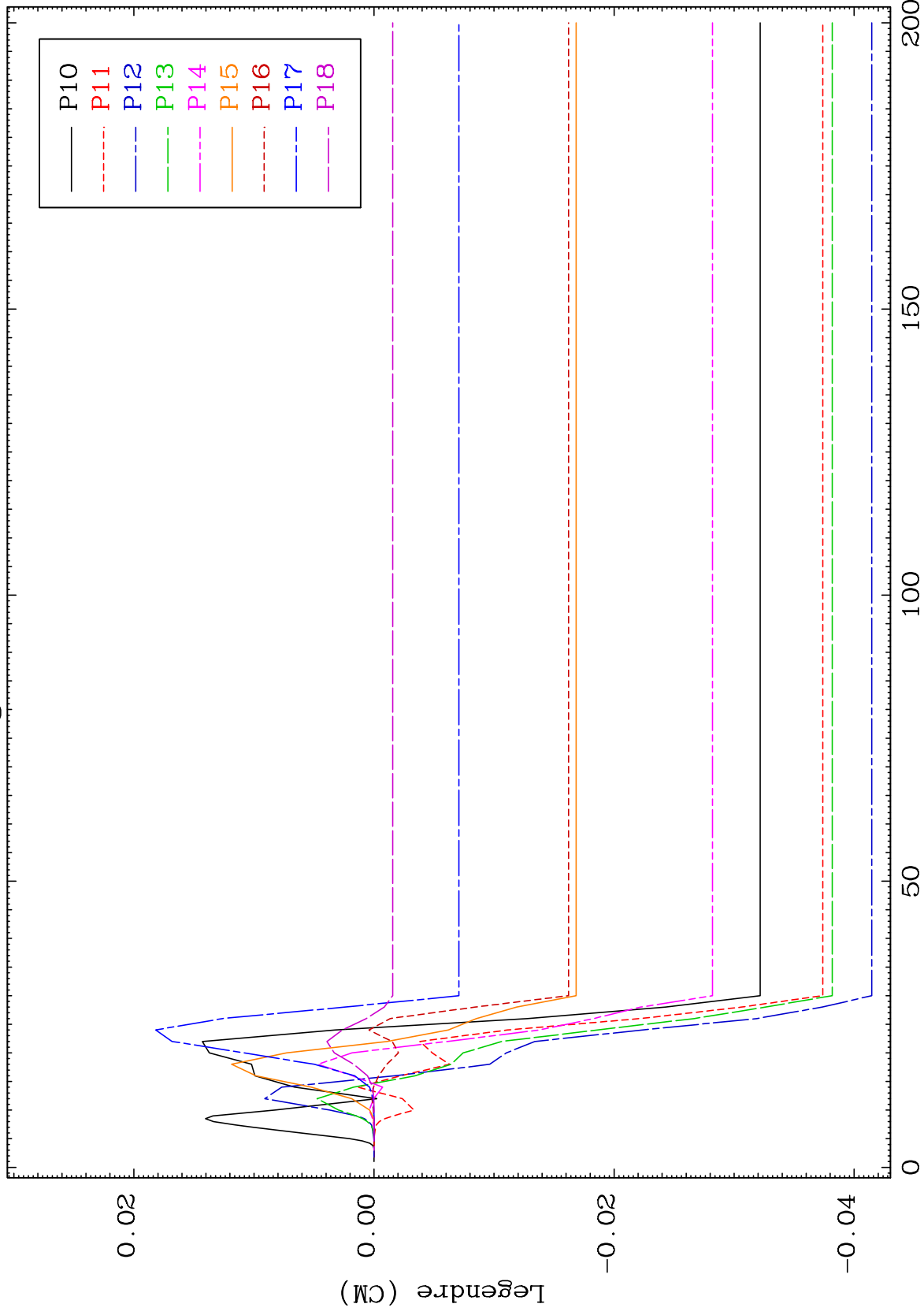
Incident Energy (MeV)

68-Er-169

MAT 6846

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

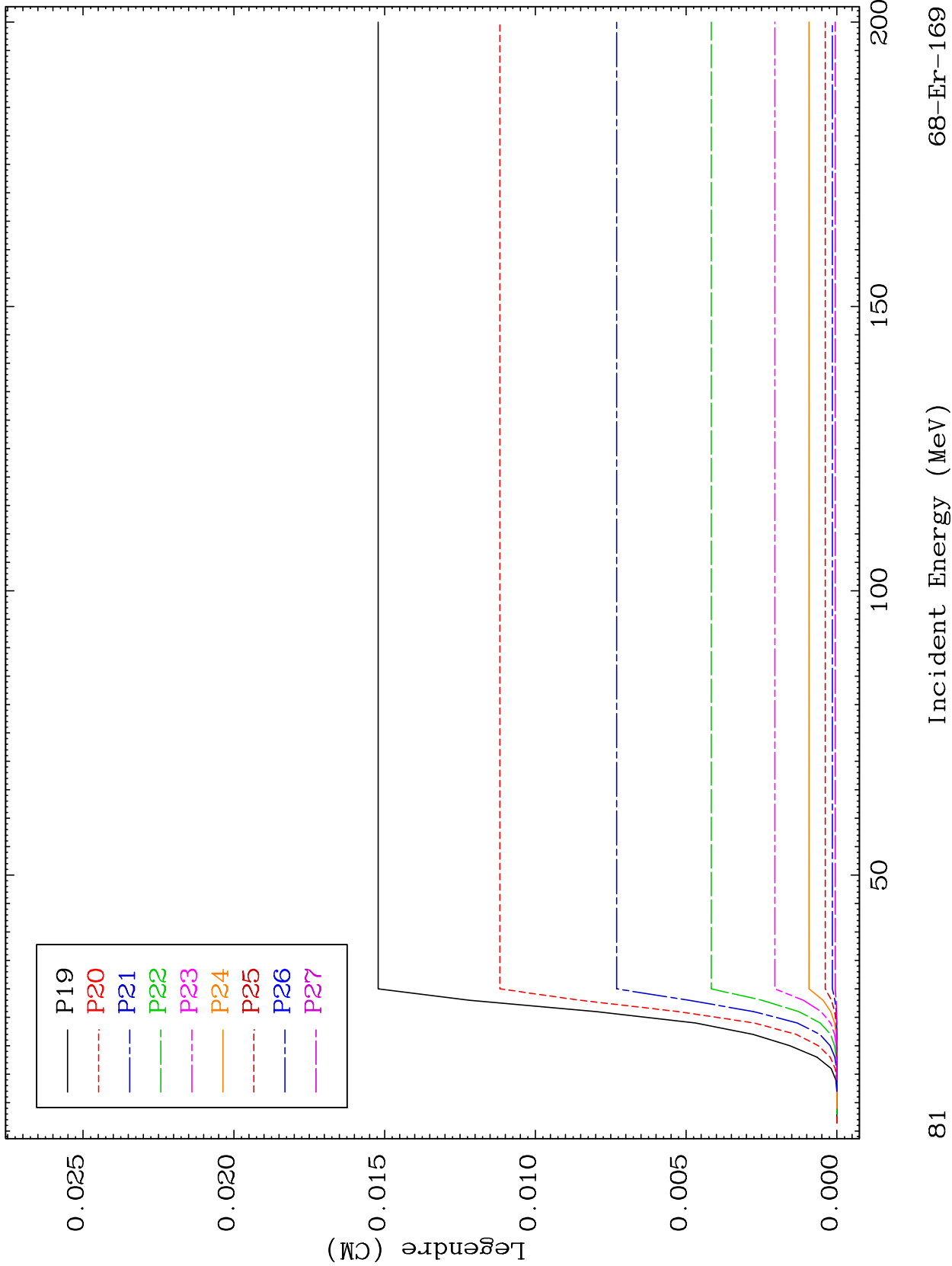
68-Er-169



68-Er-169

Incident Energy (MeV)

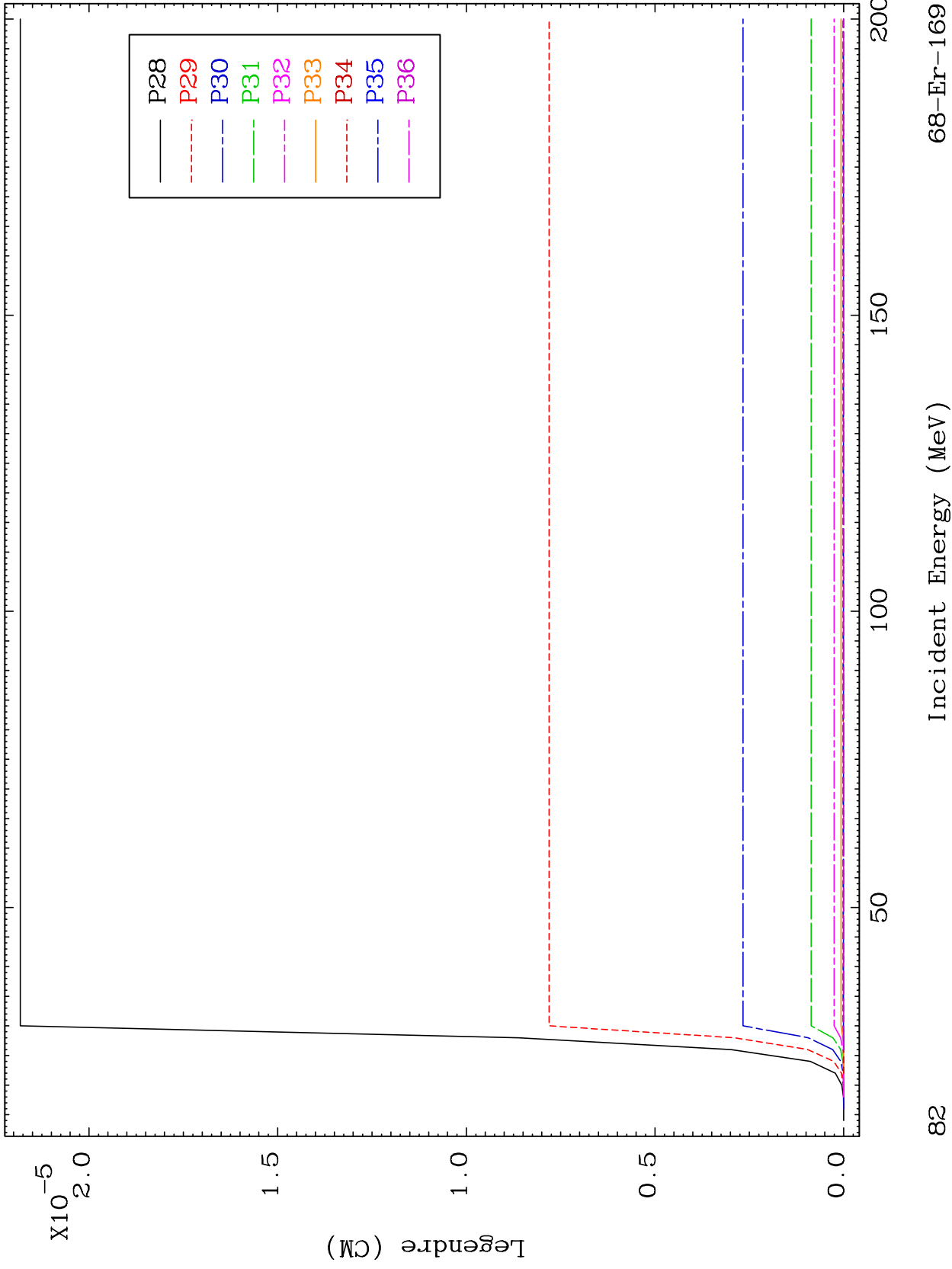
80



MAT 6846

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

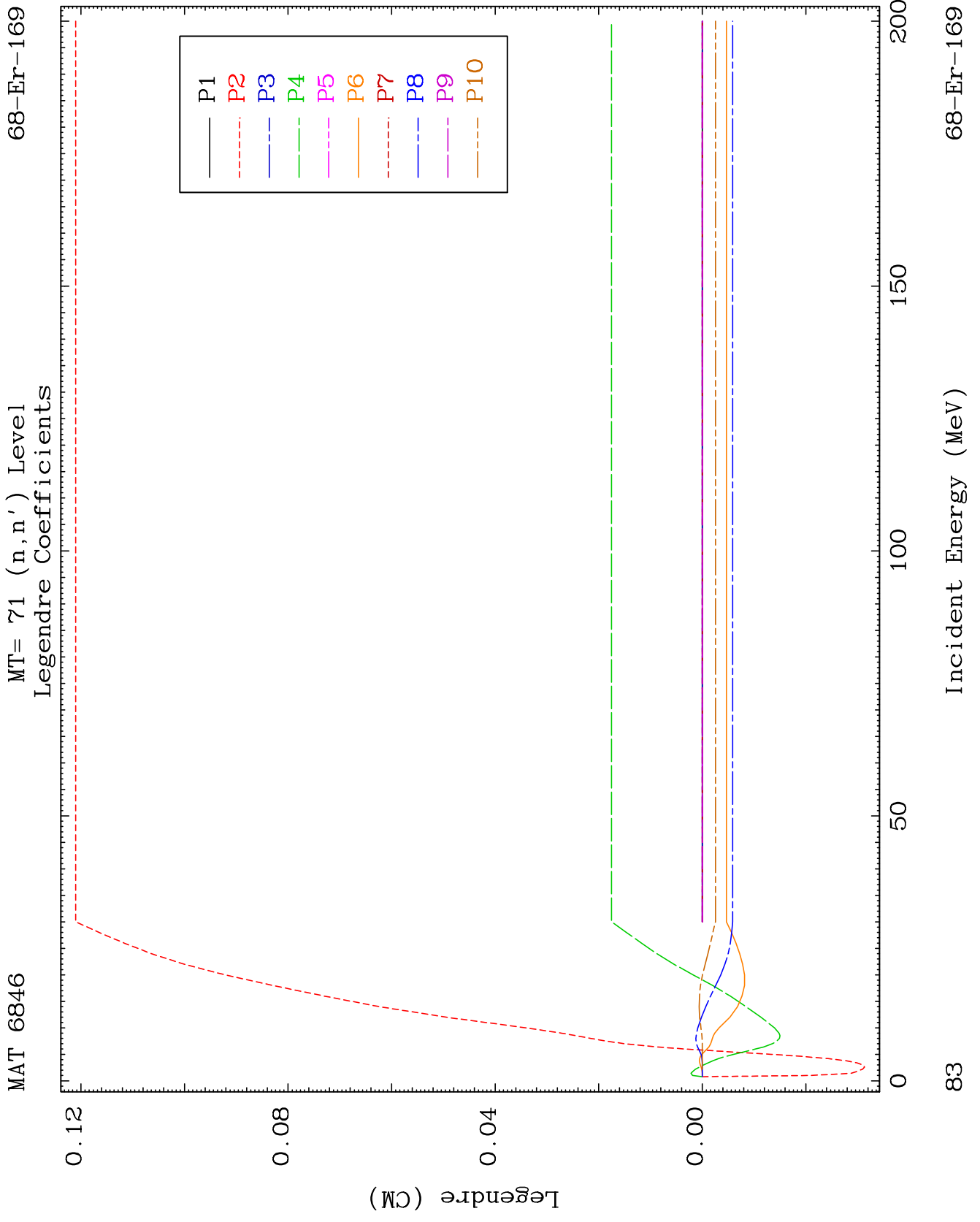
68-Er-169



82

Incident Energy (MeV)

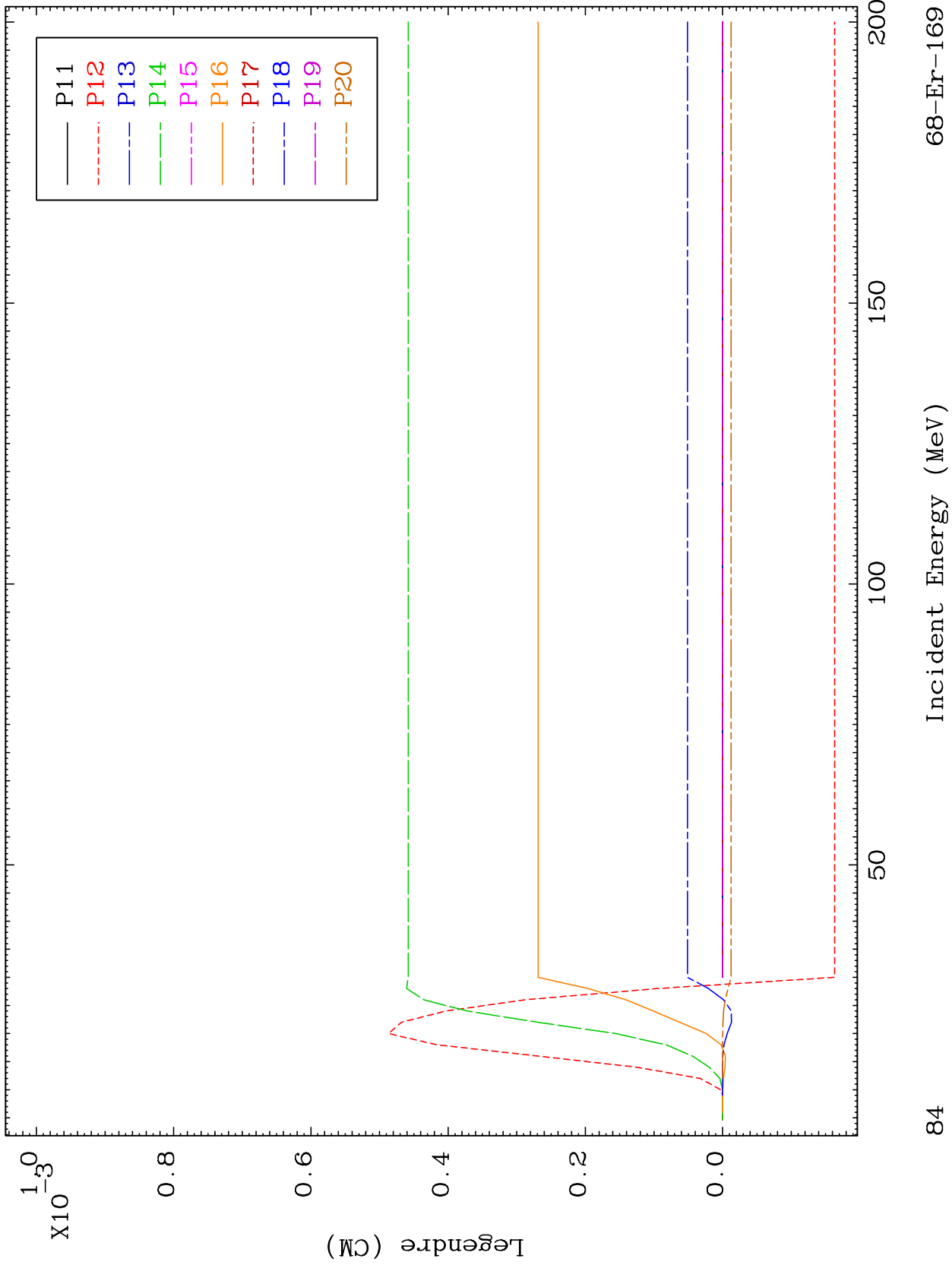
68-Er-169



MAT 6846

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

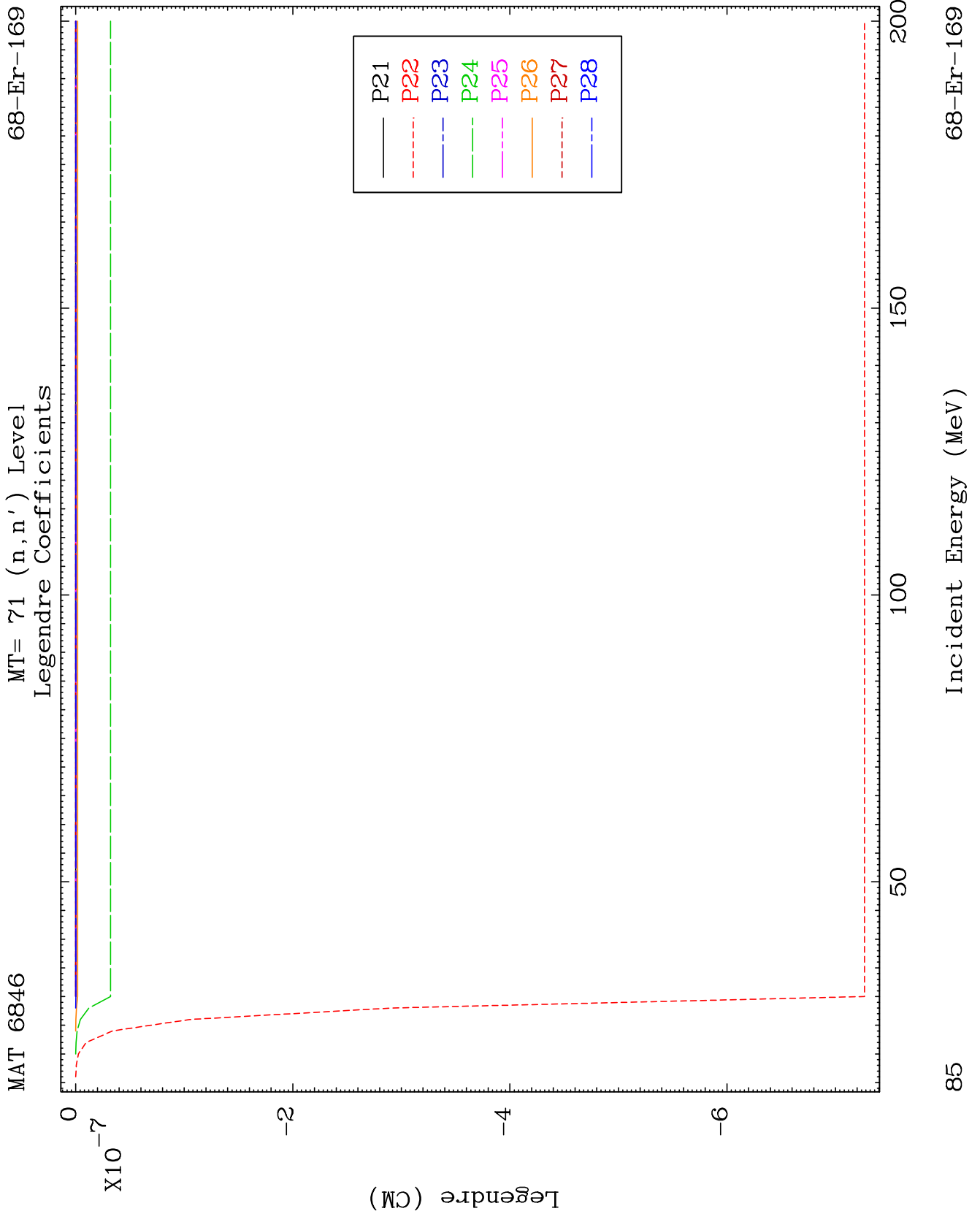
68-Er-169



84

Incident Energy (MeV)

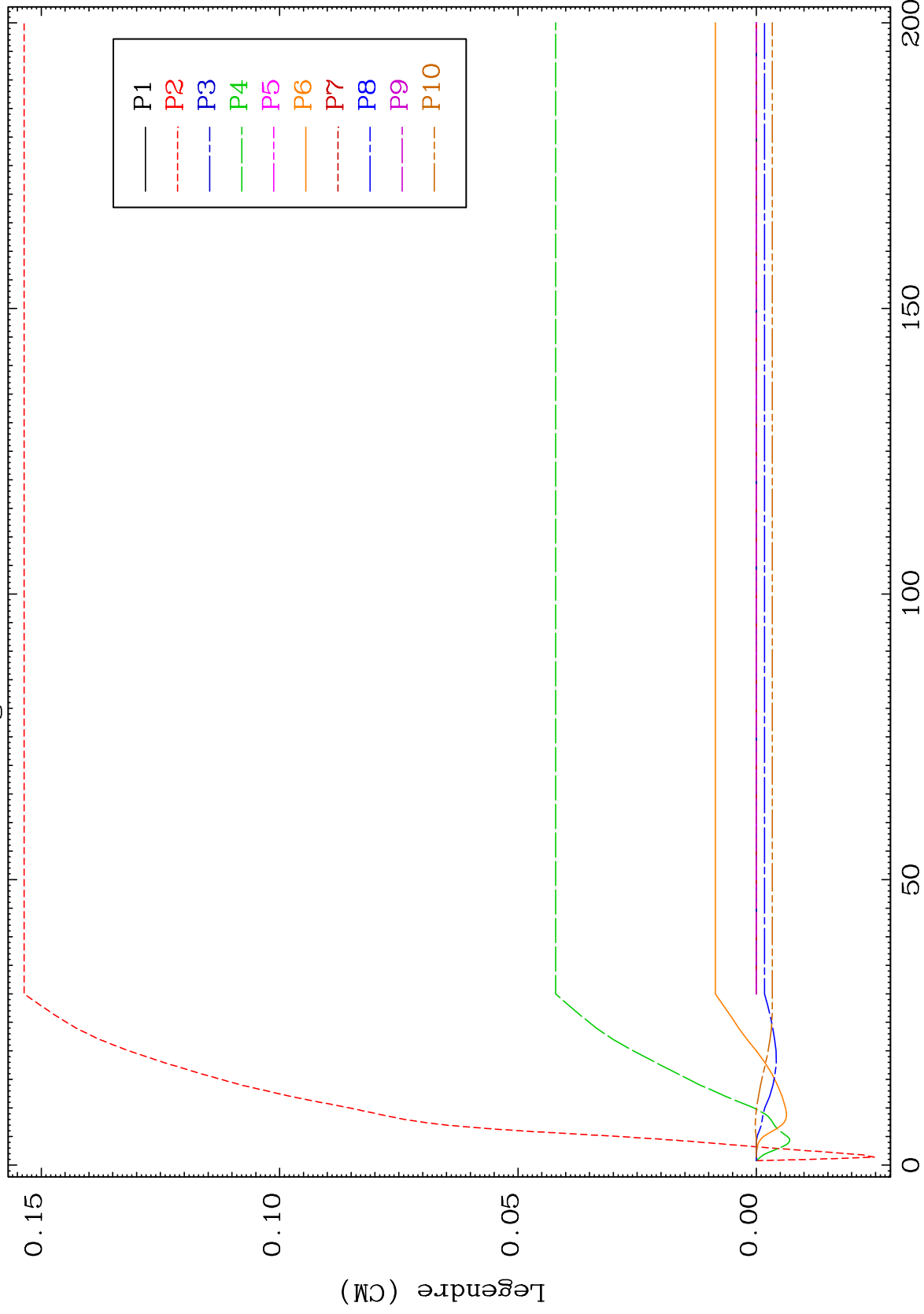
68-Er-169



MAT 6846

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

68-Er-169



86

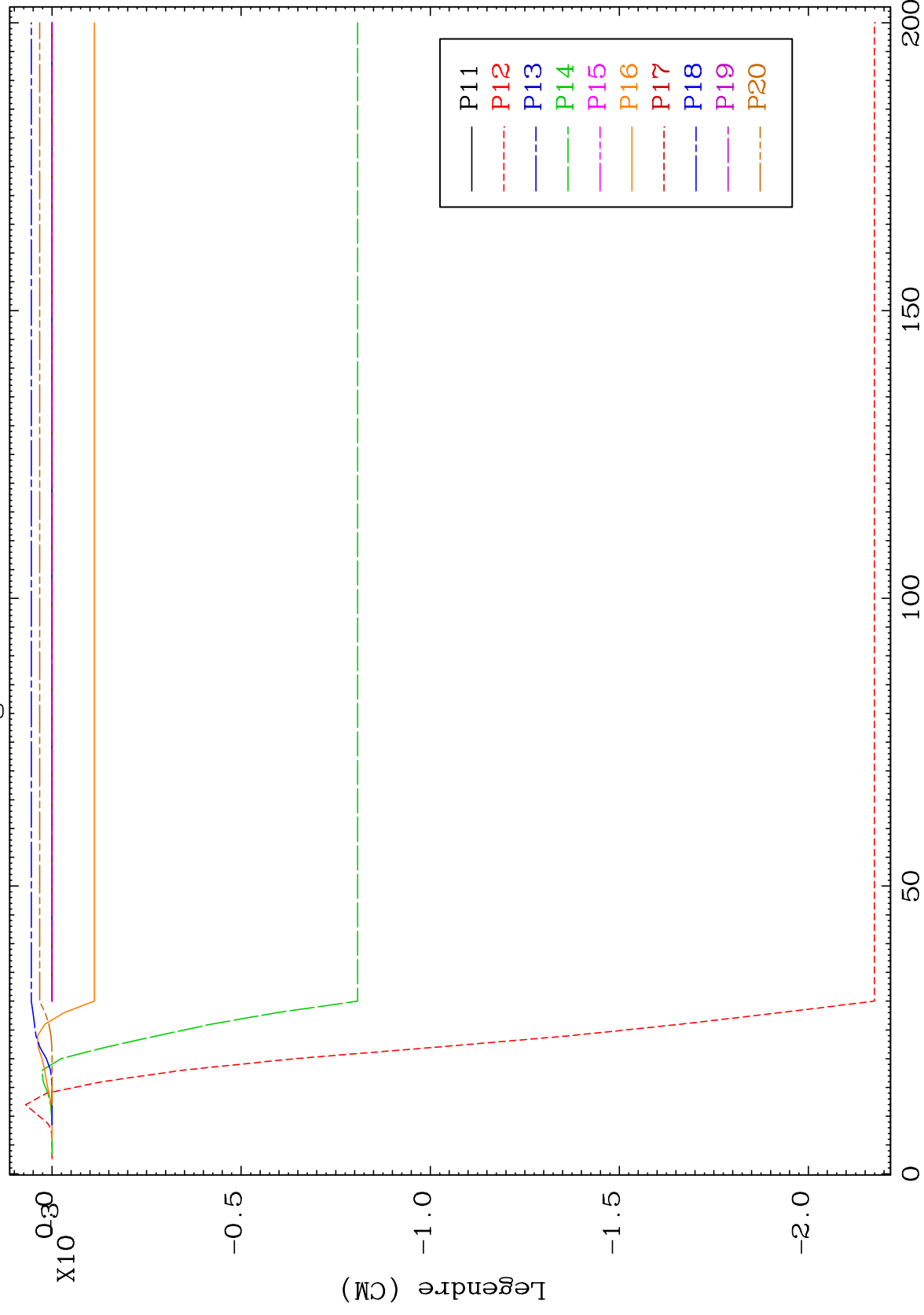
Incident Energy (MeV)

68-Er-169

MAT 6846

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

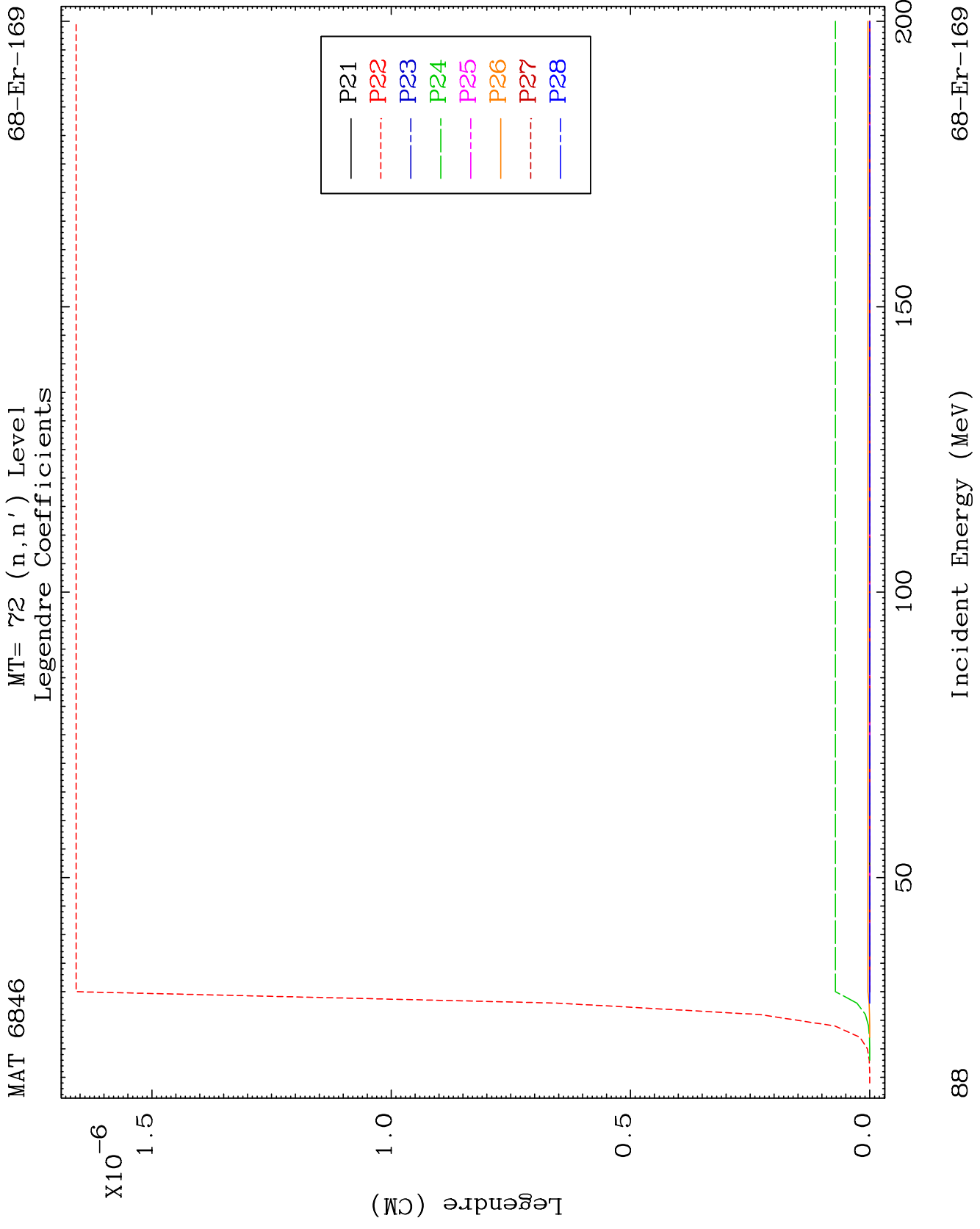
68-Er-169



87

Incident Energy (MeV)

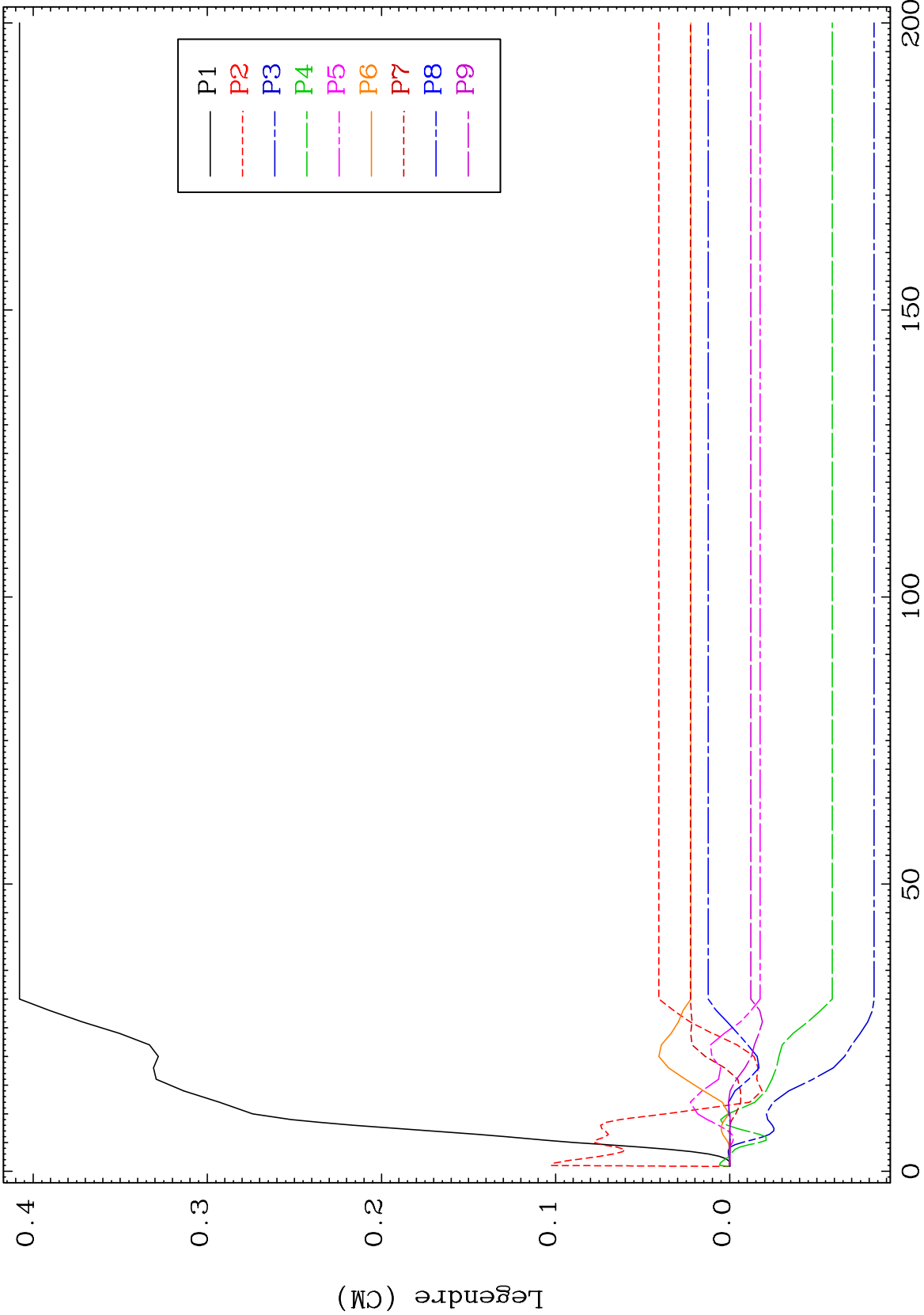
68-Er-169



MAT 6846

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

68-Er-169



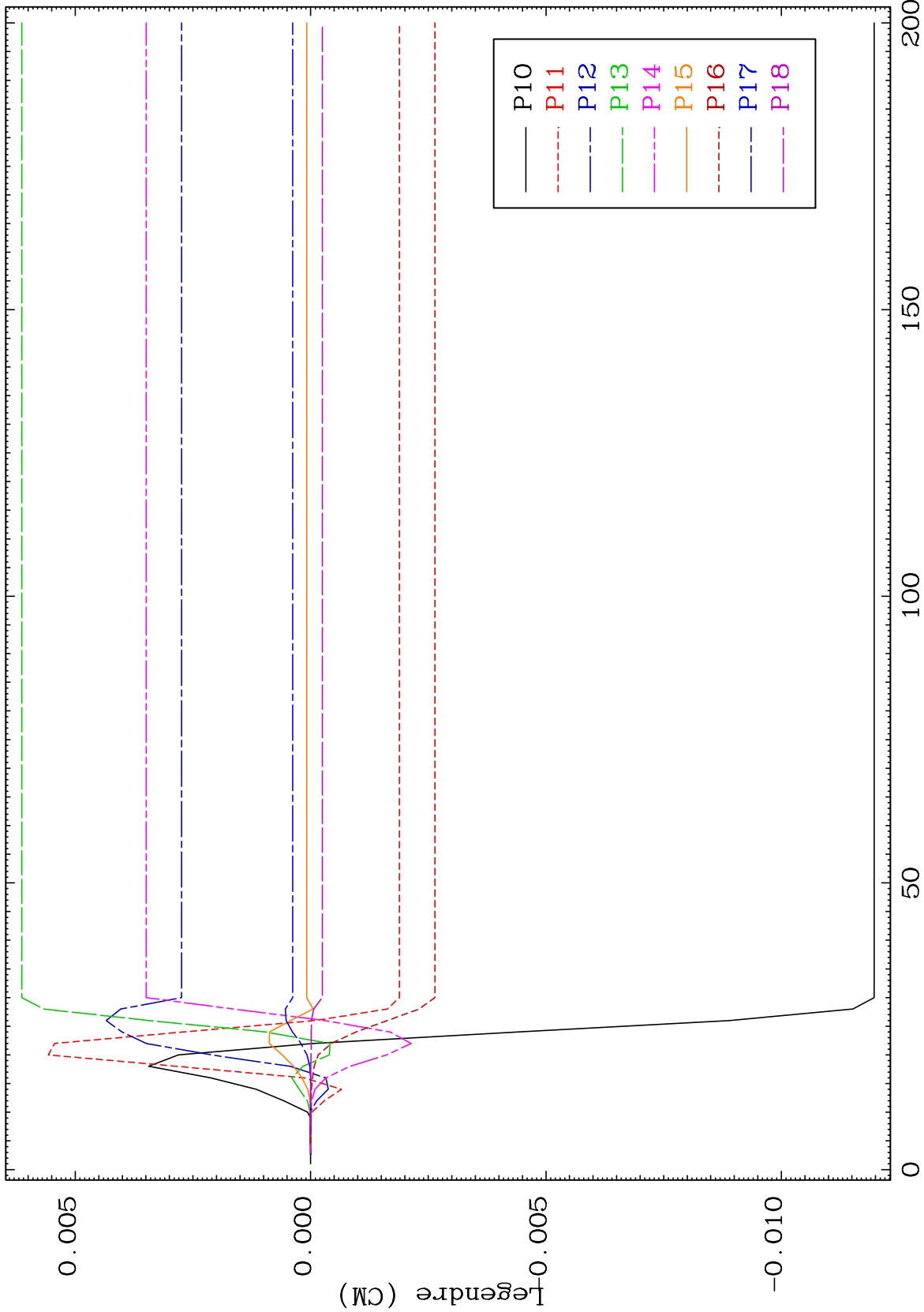
89

68-Er-169

MAT 6846

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

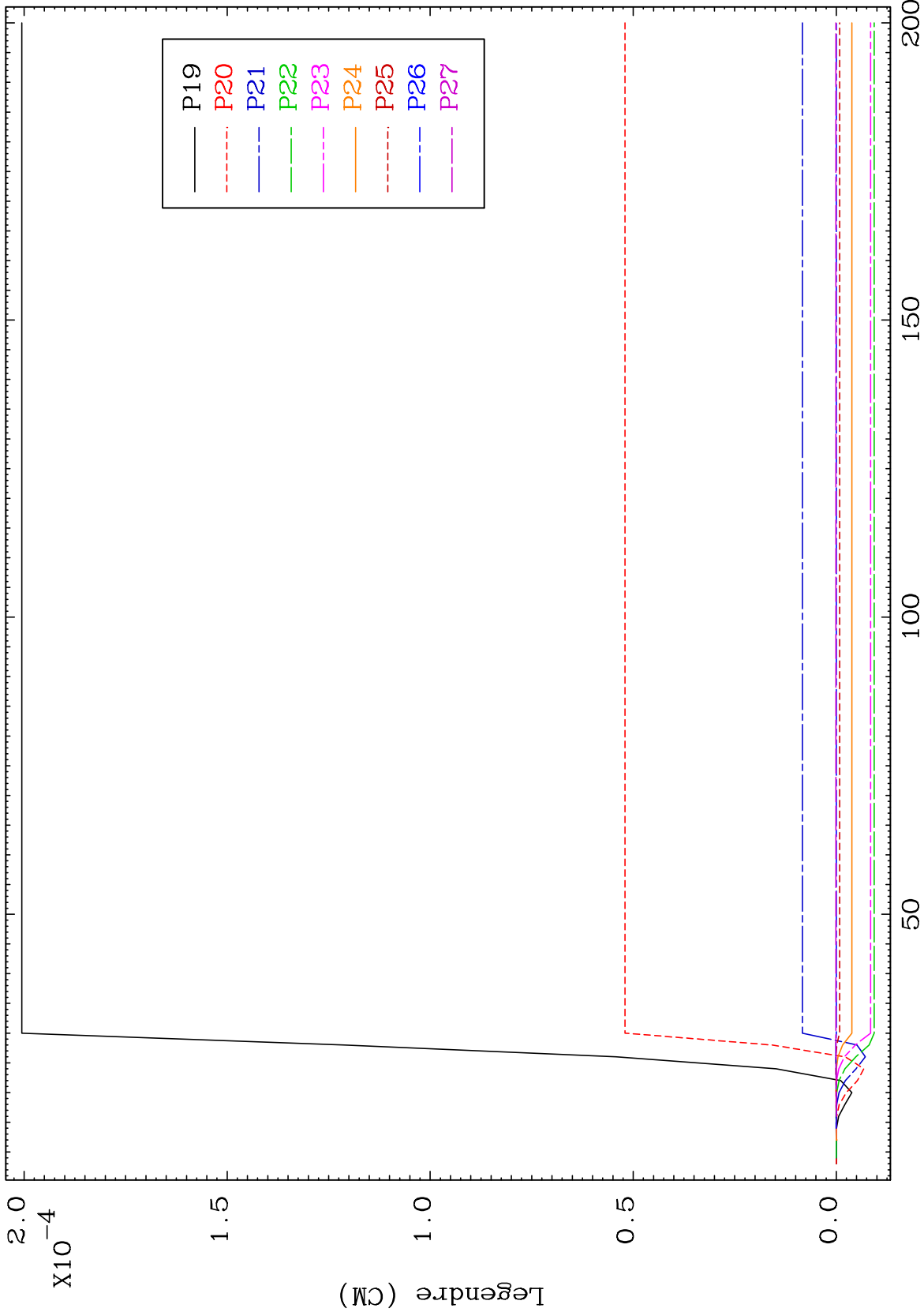
68-Er-169



90

Incident Energy (MeV)

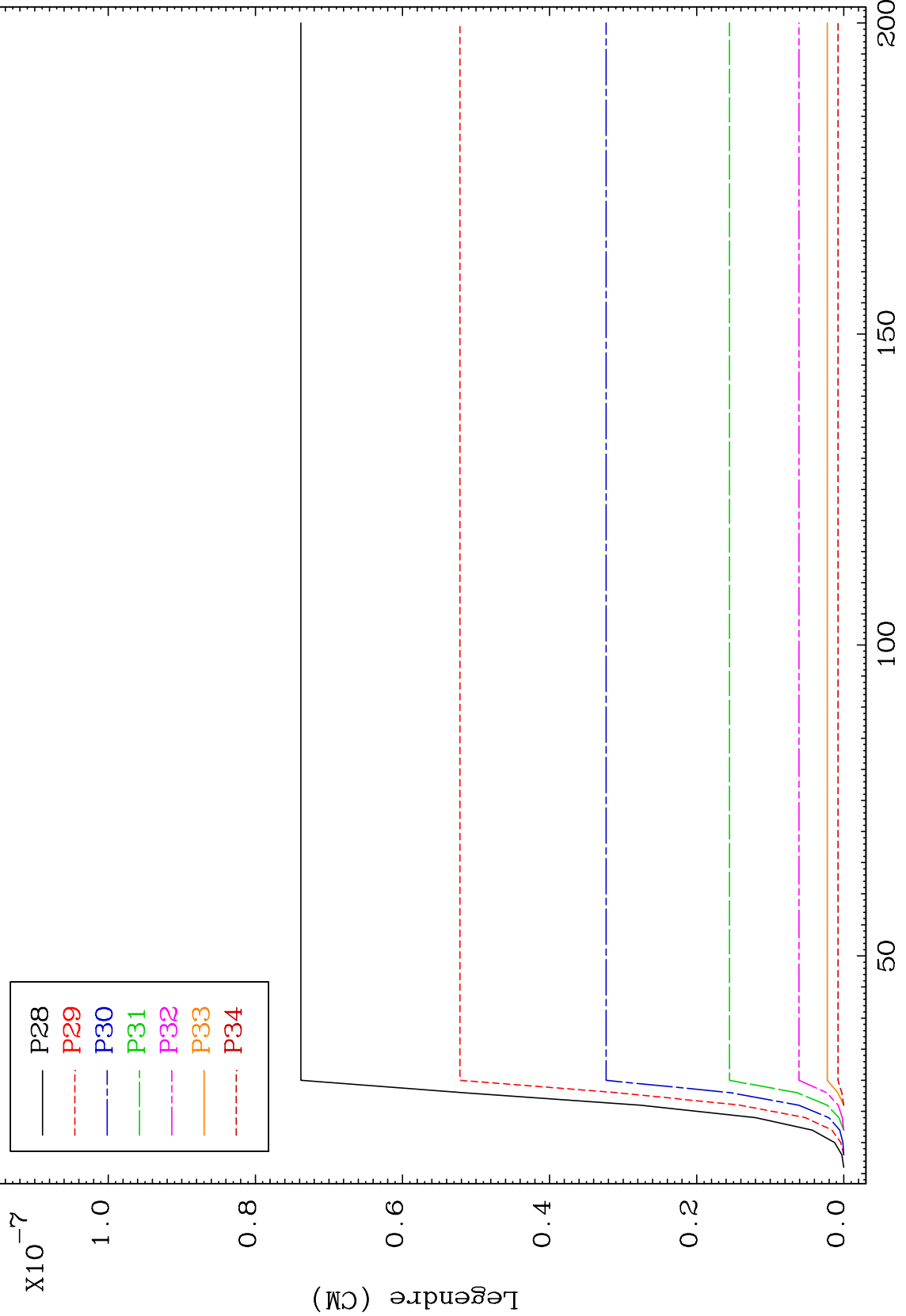
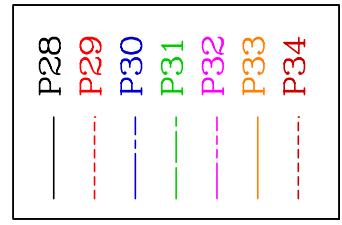
68-Er-169



MAT 6846

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

68-Er-169



92

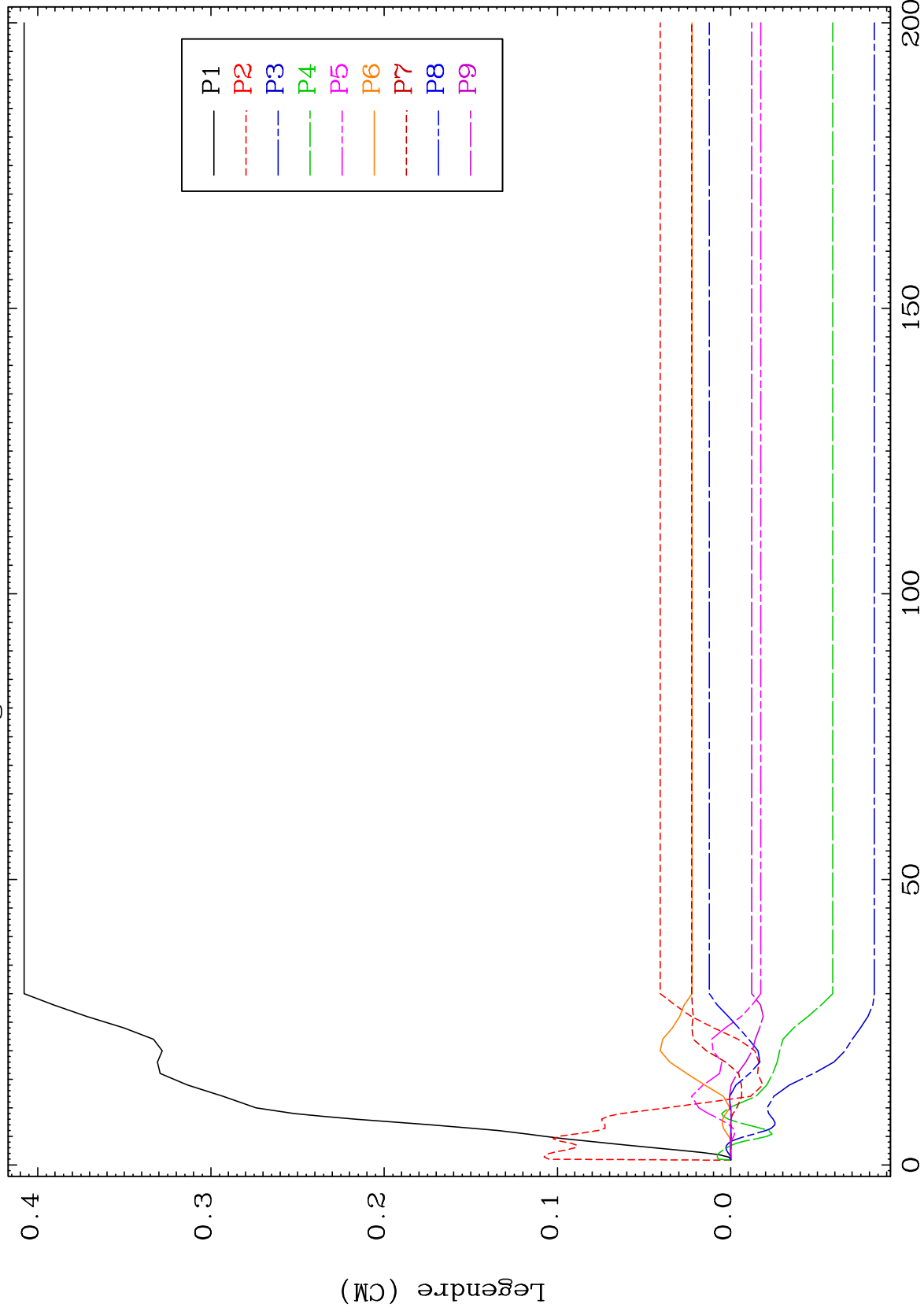
Incident Energy (MeV)

68-Er-169

MAT 6846

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

68-Er-169



93

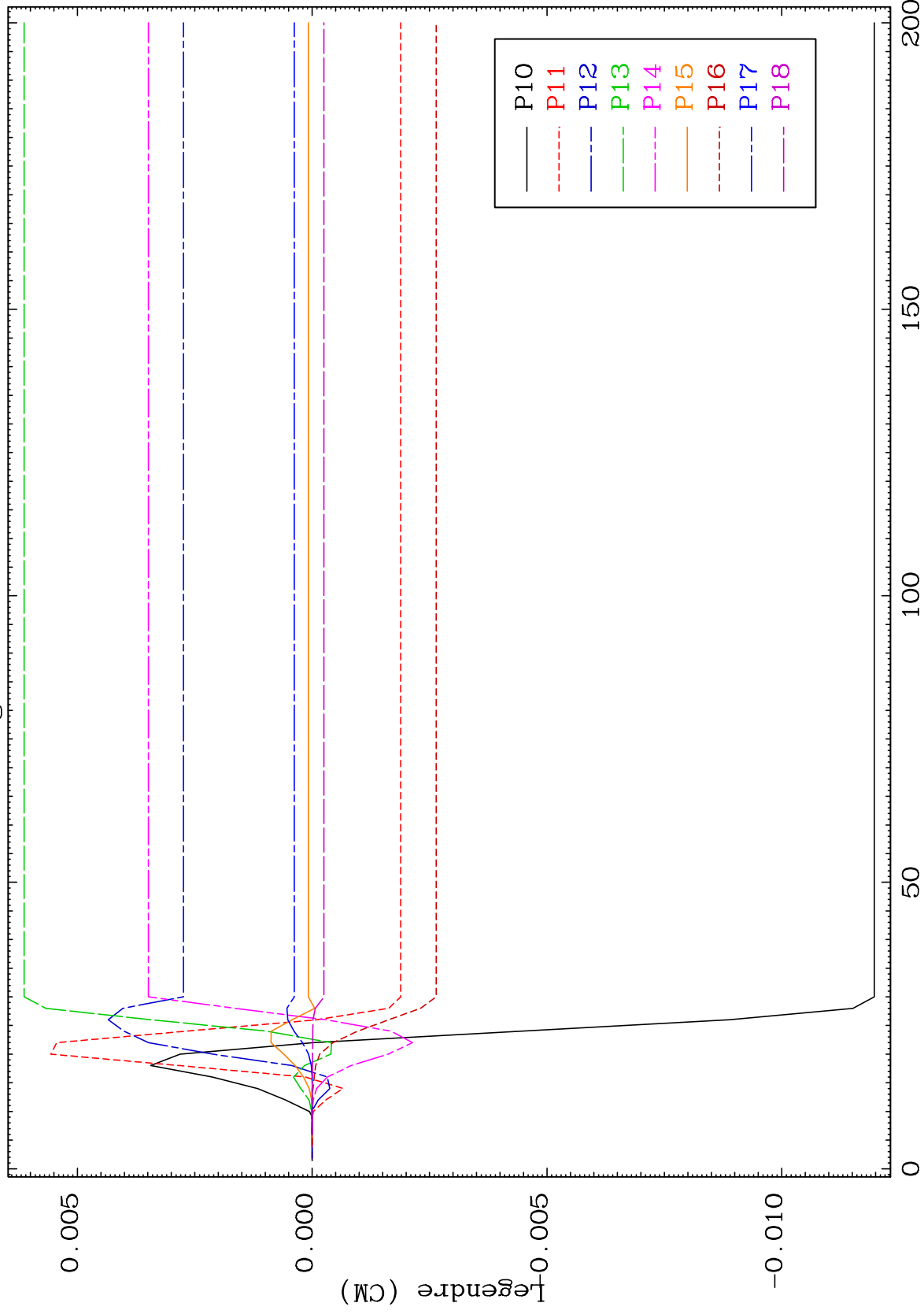
Incident Energy (MeV)

68-Er-169

MAT 6846

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

68-Er-169



94

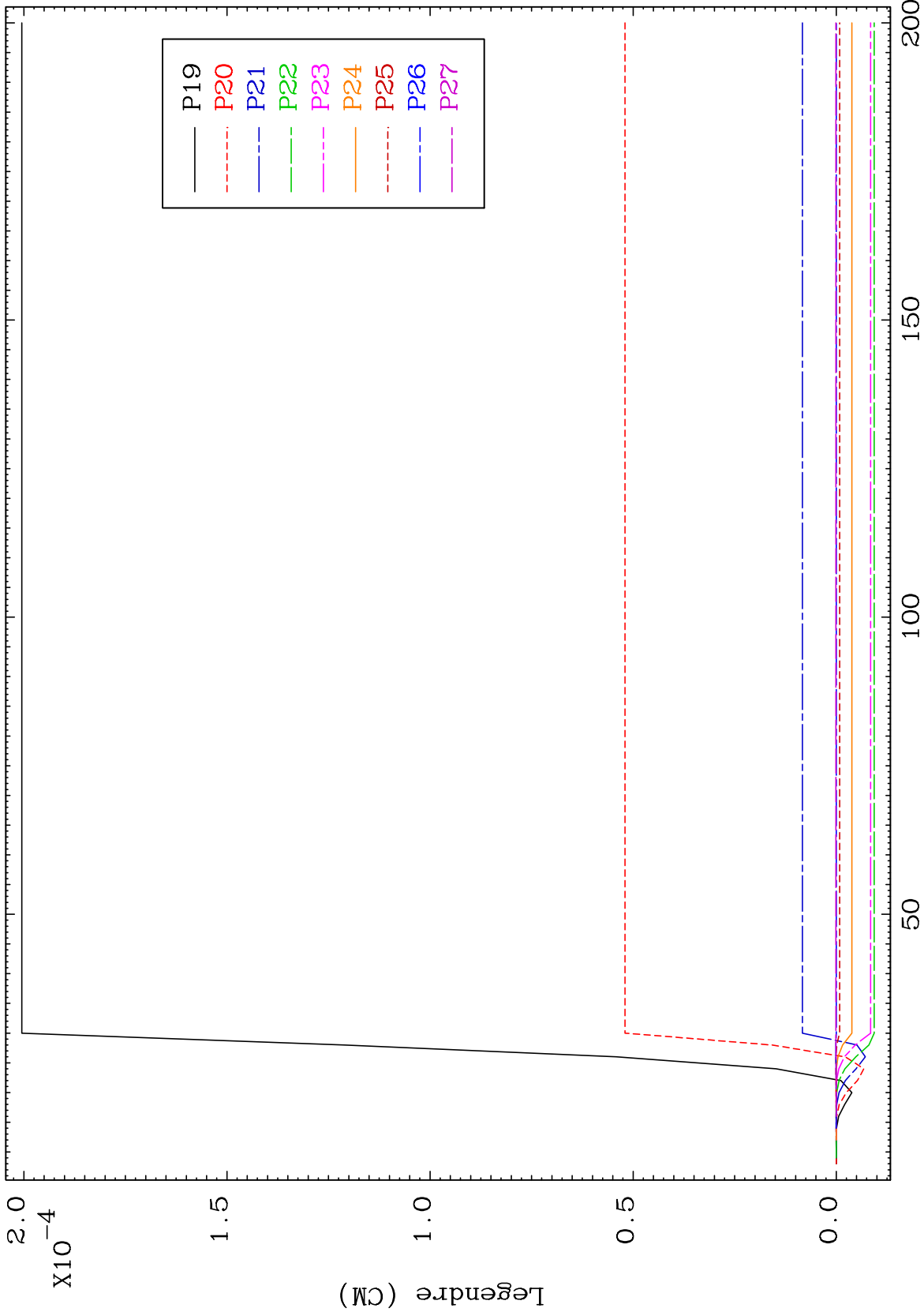
Incident Energy (MeV)

68-Er-169

MAT 6846

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

68-Er-169



95

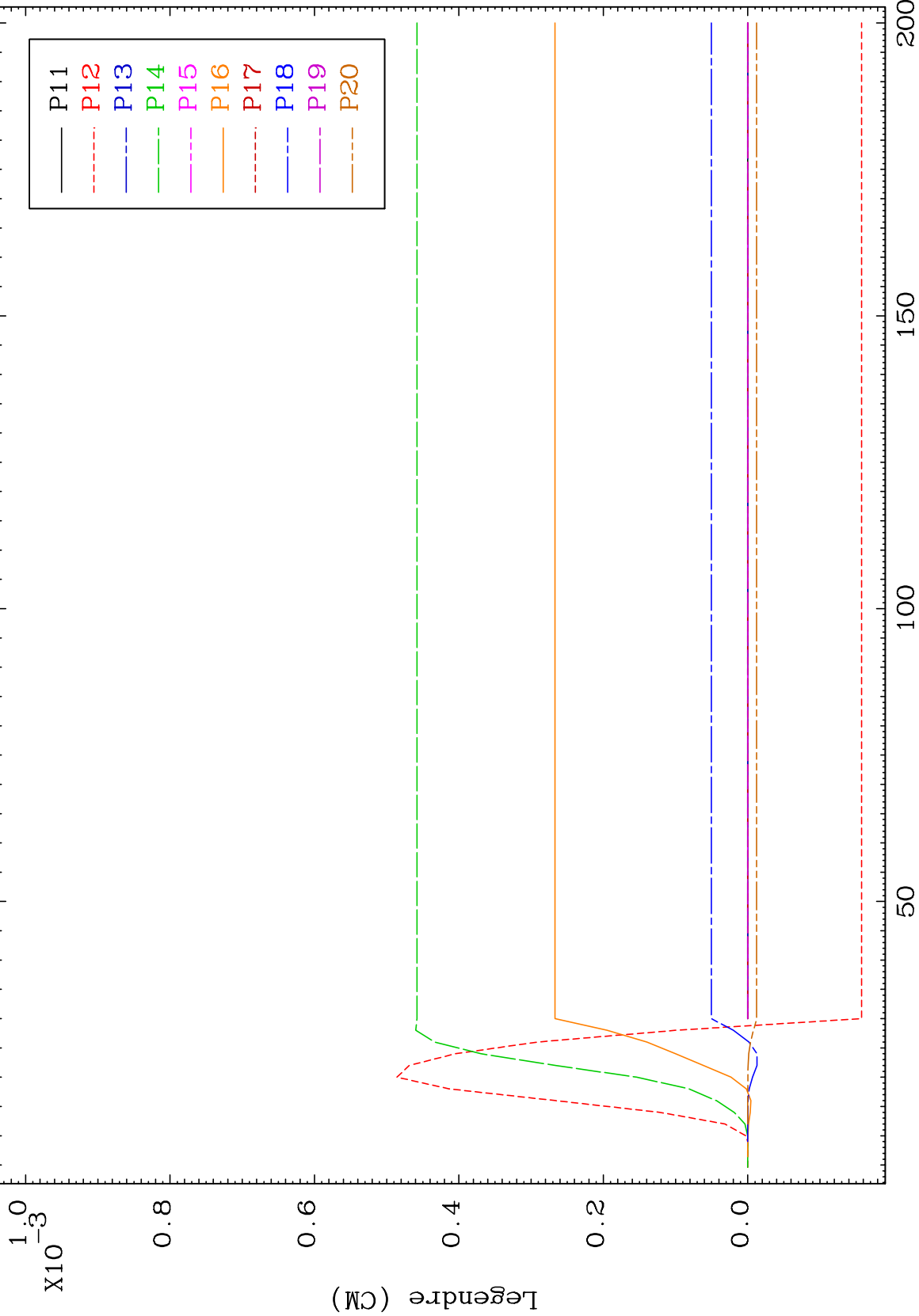
Incident Energy (MeV)

68-Er-169

MAT 6846

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

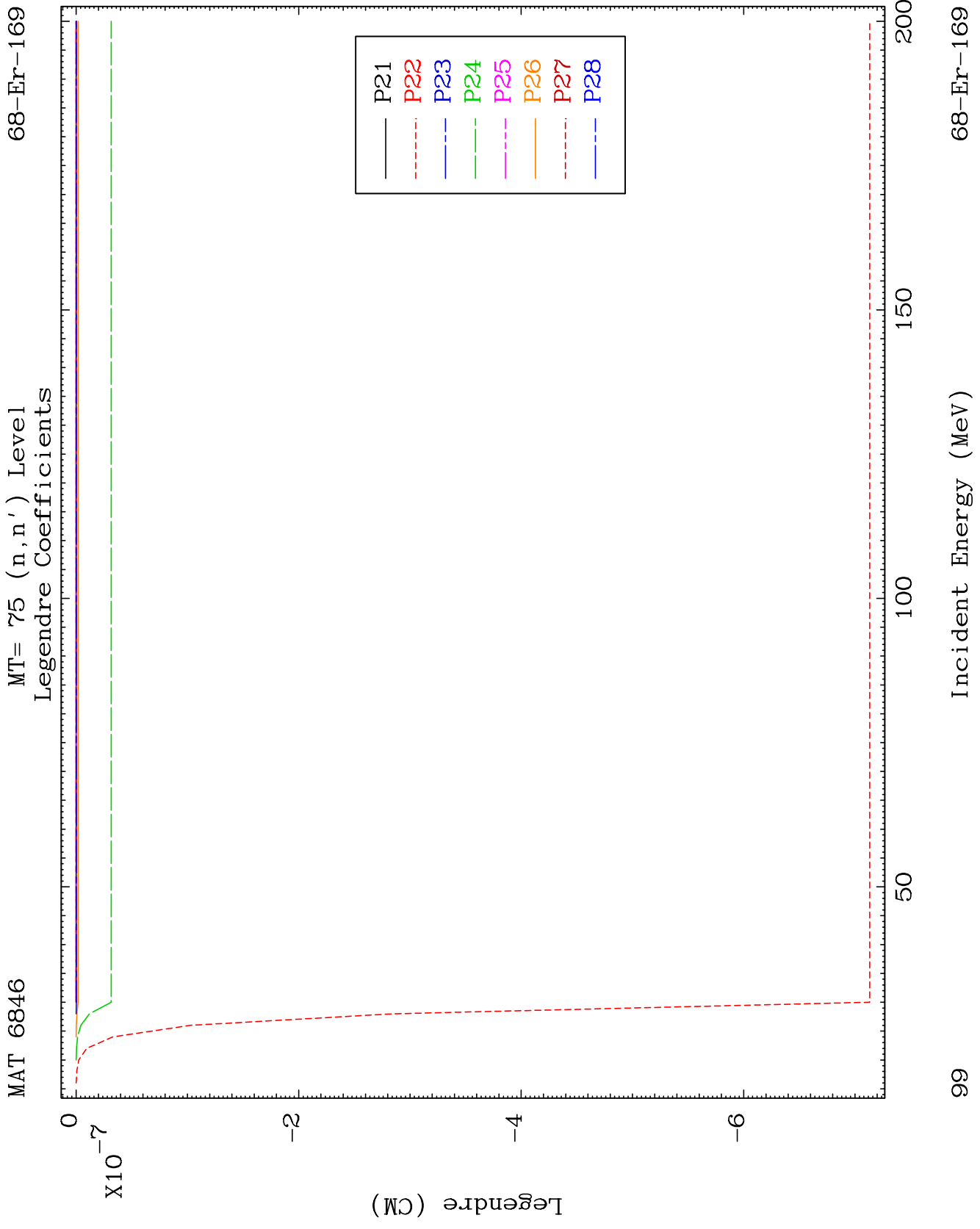
68-Er-169



98

Incident Energy (MeV)

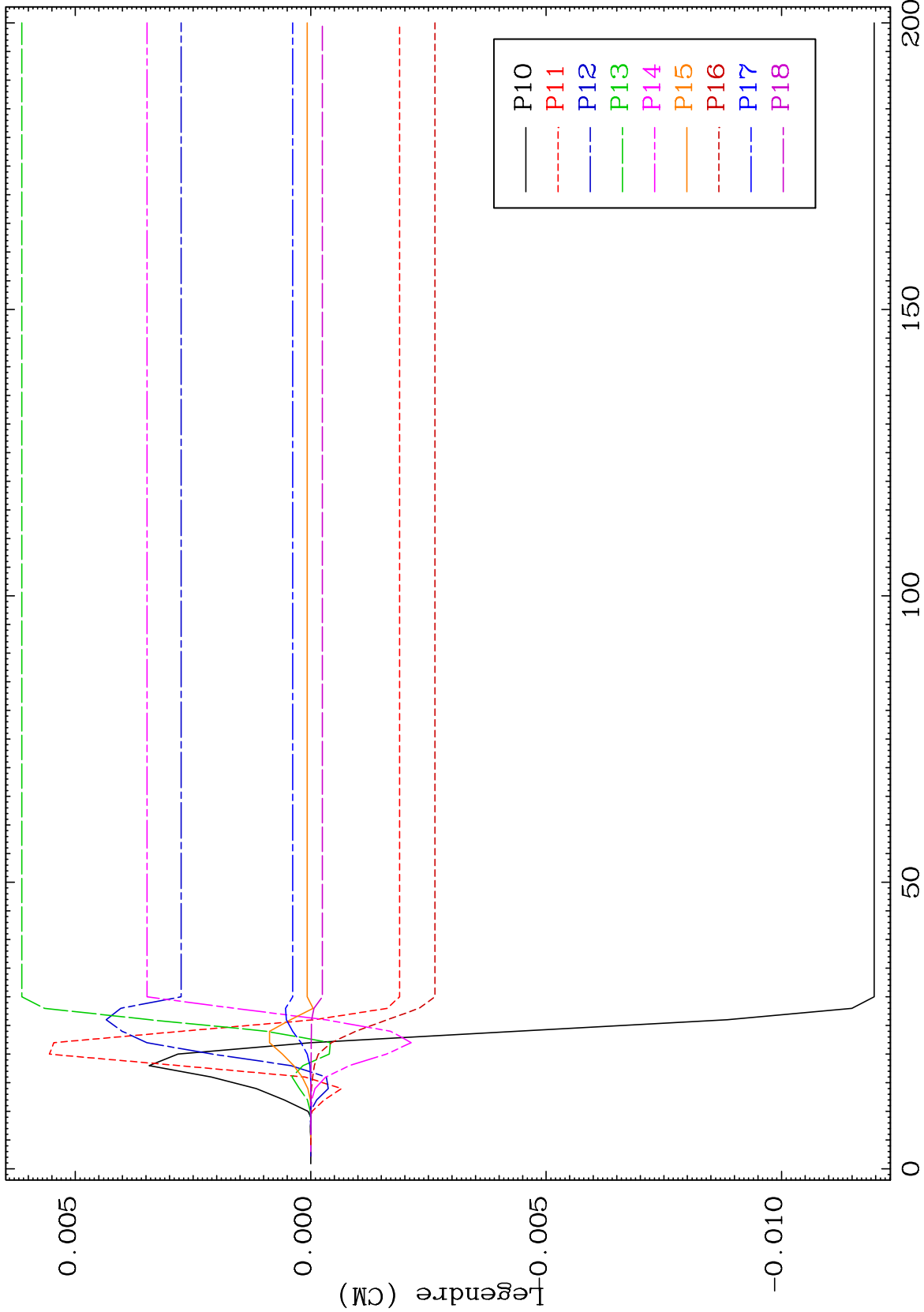
68-Er-169



MAT 6846

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

68-Er-169



101

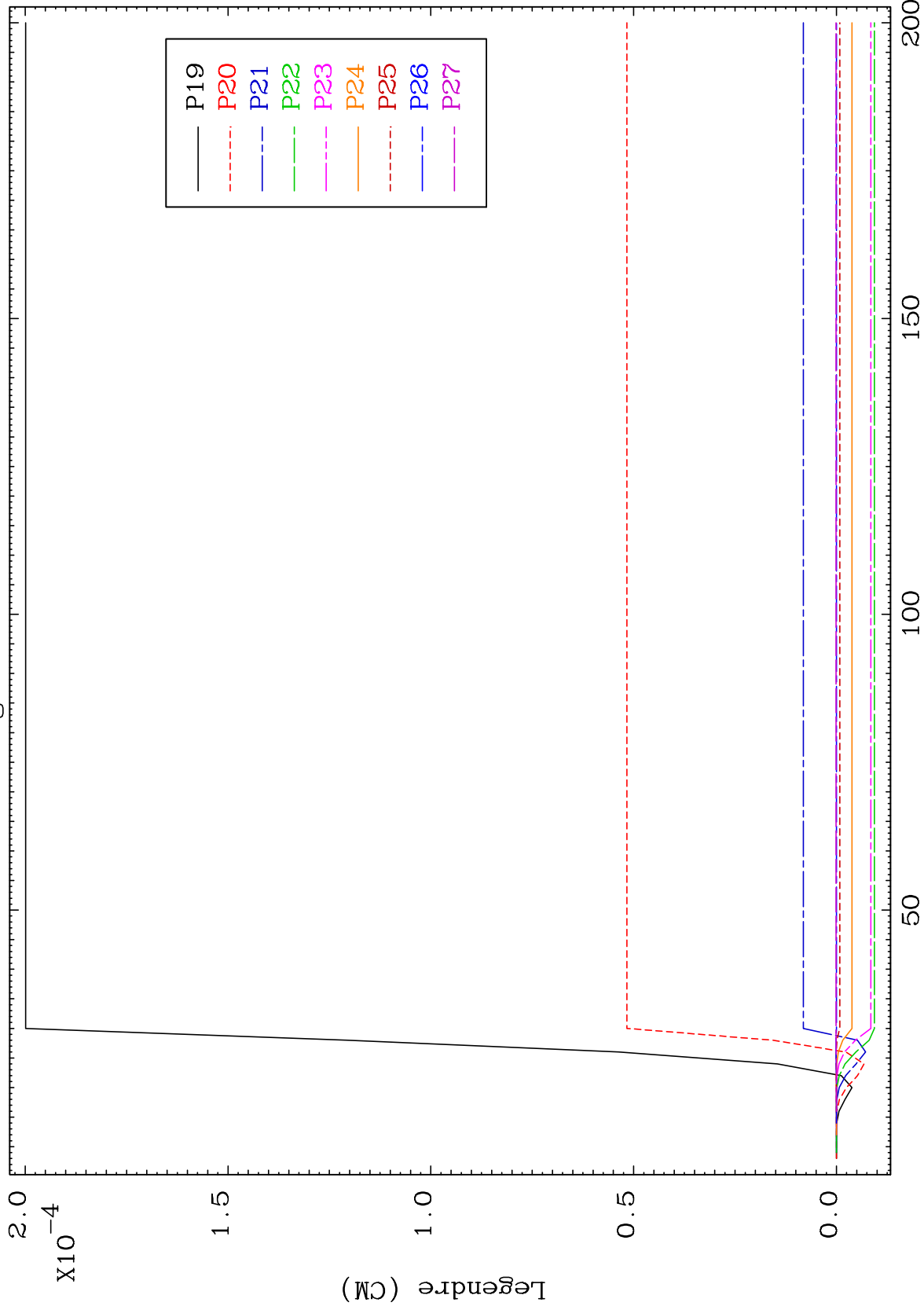
Incident Energy (MeV)

68-Er-169

MAT 6846

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

68-Er-169



102

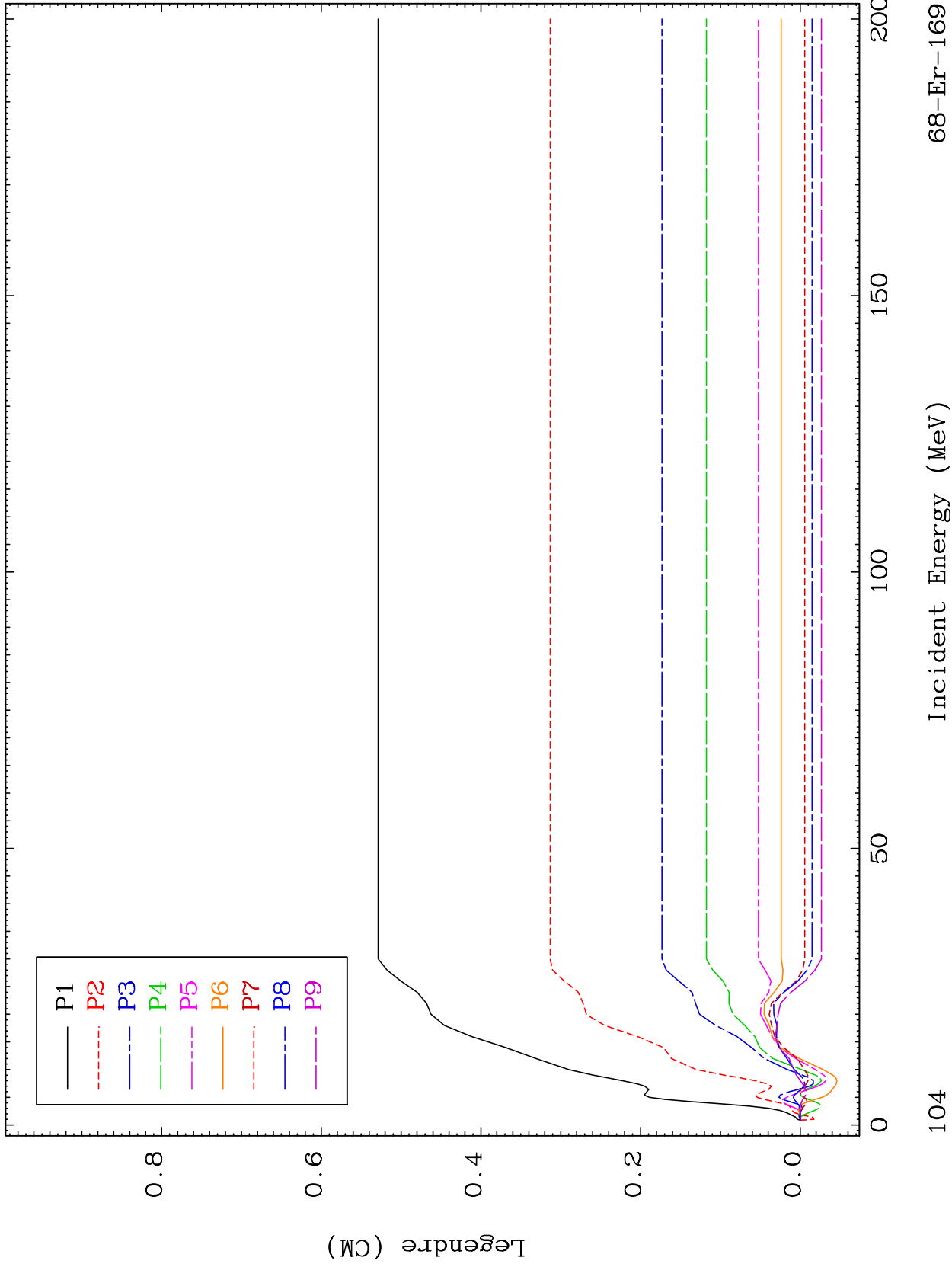
Incident Energy (MeV)

68-Er-169

MAT 6846

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

68-Er-169



68-Er-169

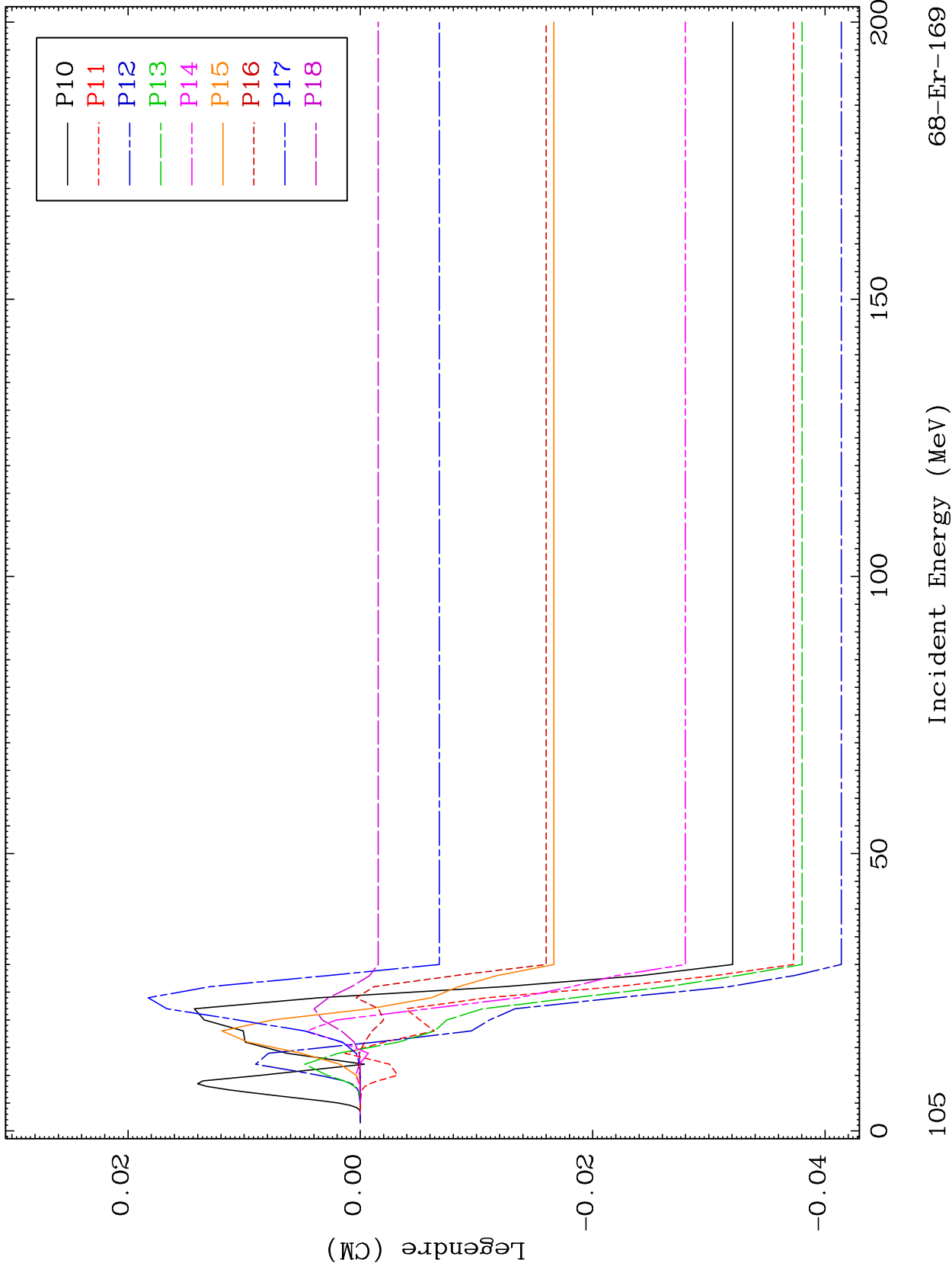
Incident Energy (MeV)

104

MAT 6846

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

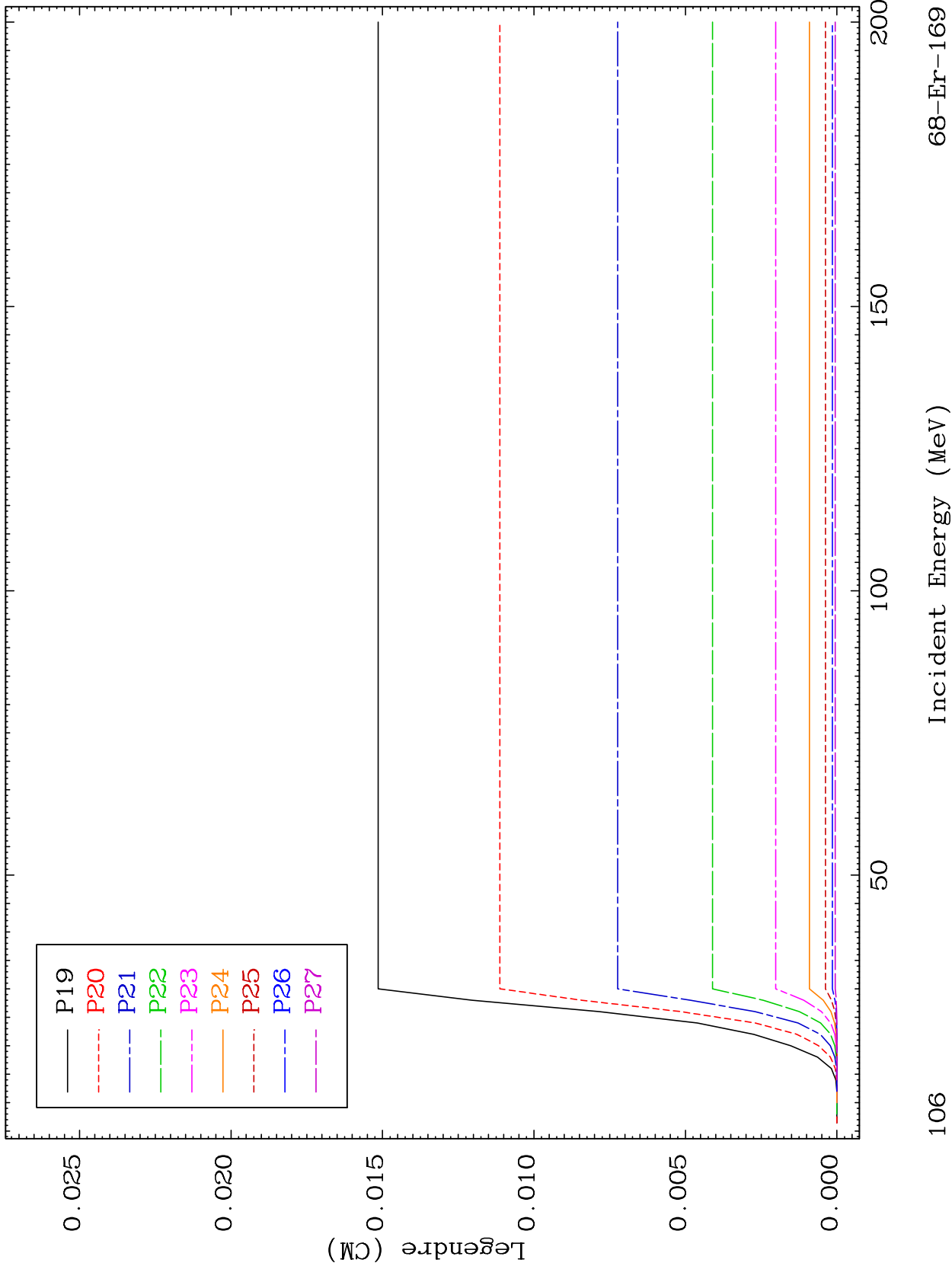
68-Er-169



68-Er-169

Incident Energy (MeV)

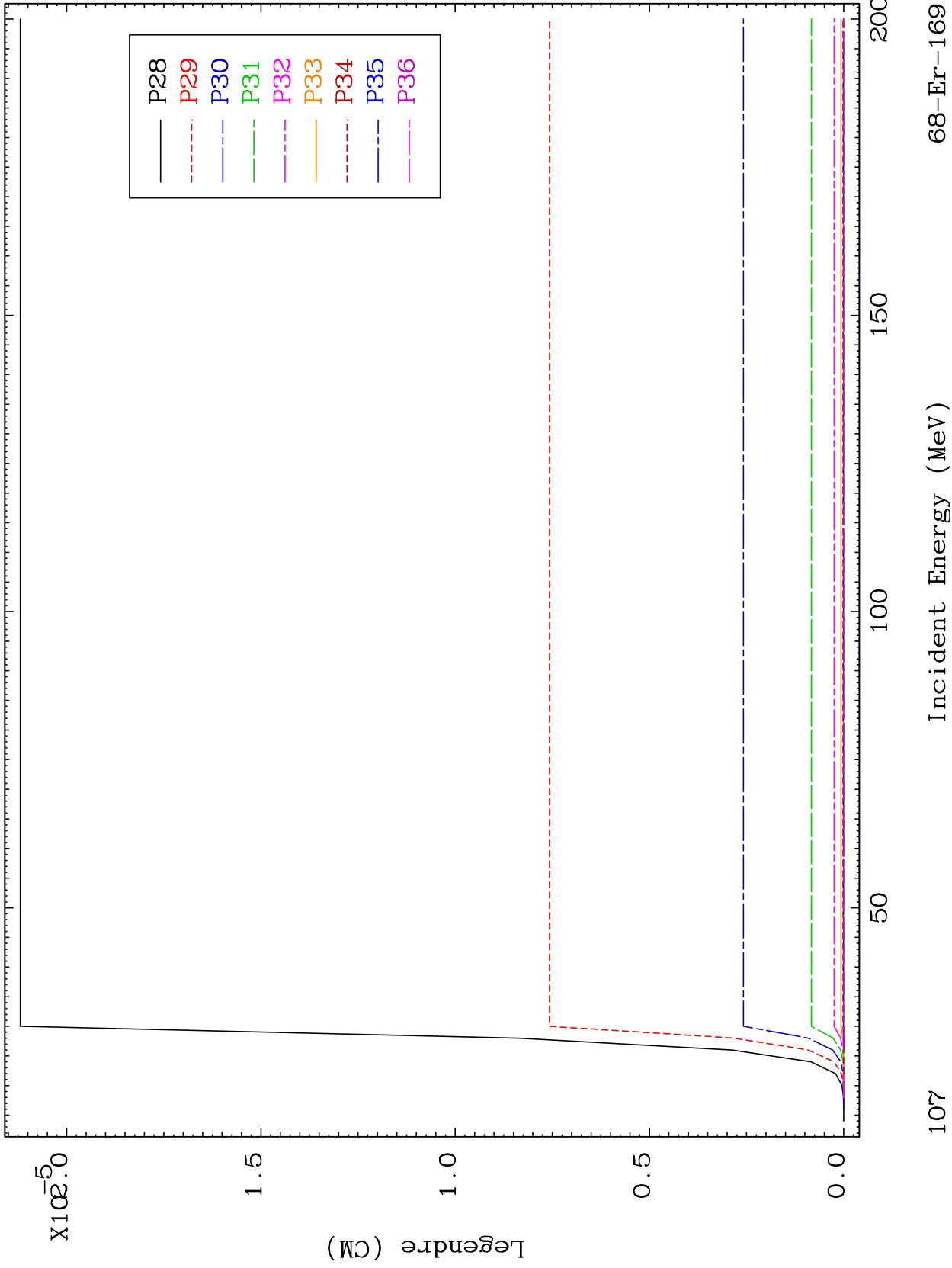
105



MAT 6846

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

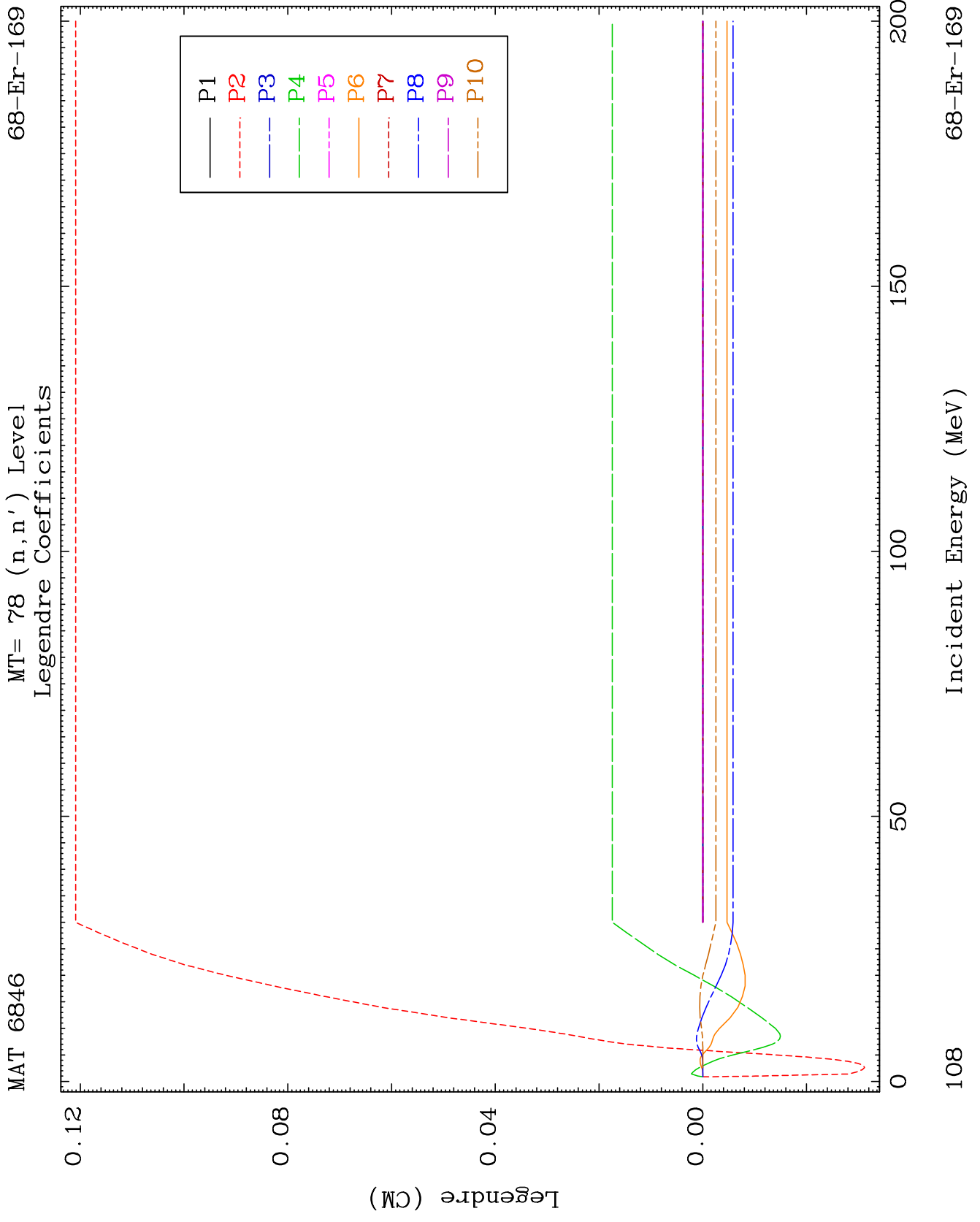
68-Er-169



107

Incident Energy (MeV)

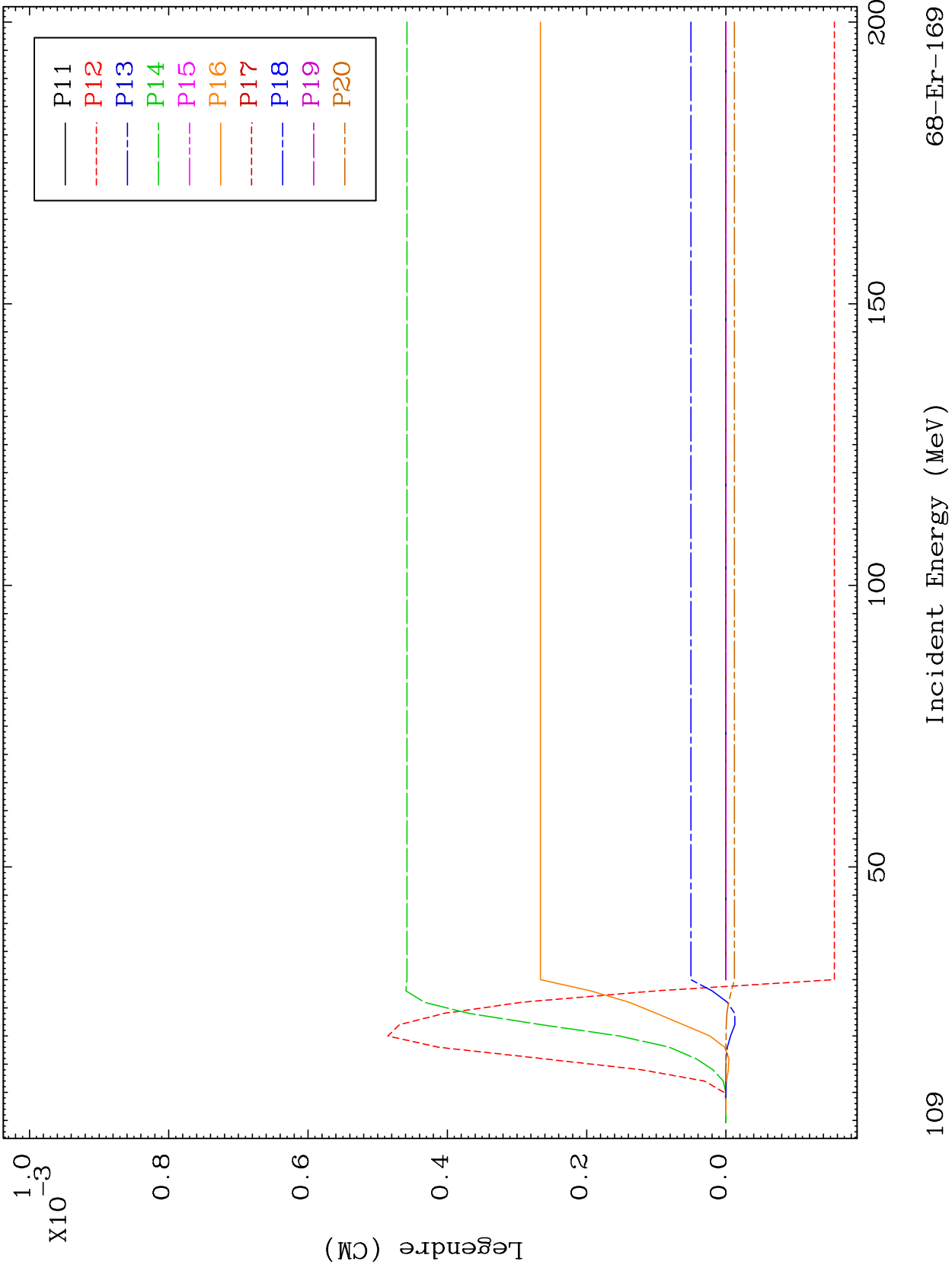
68-Er-169



MAT 6846

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

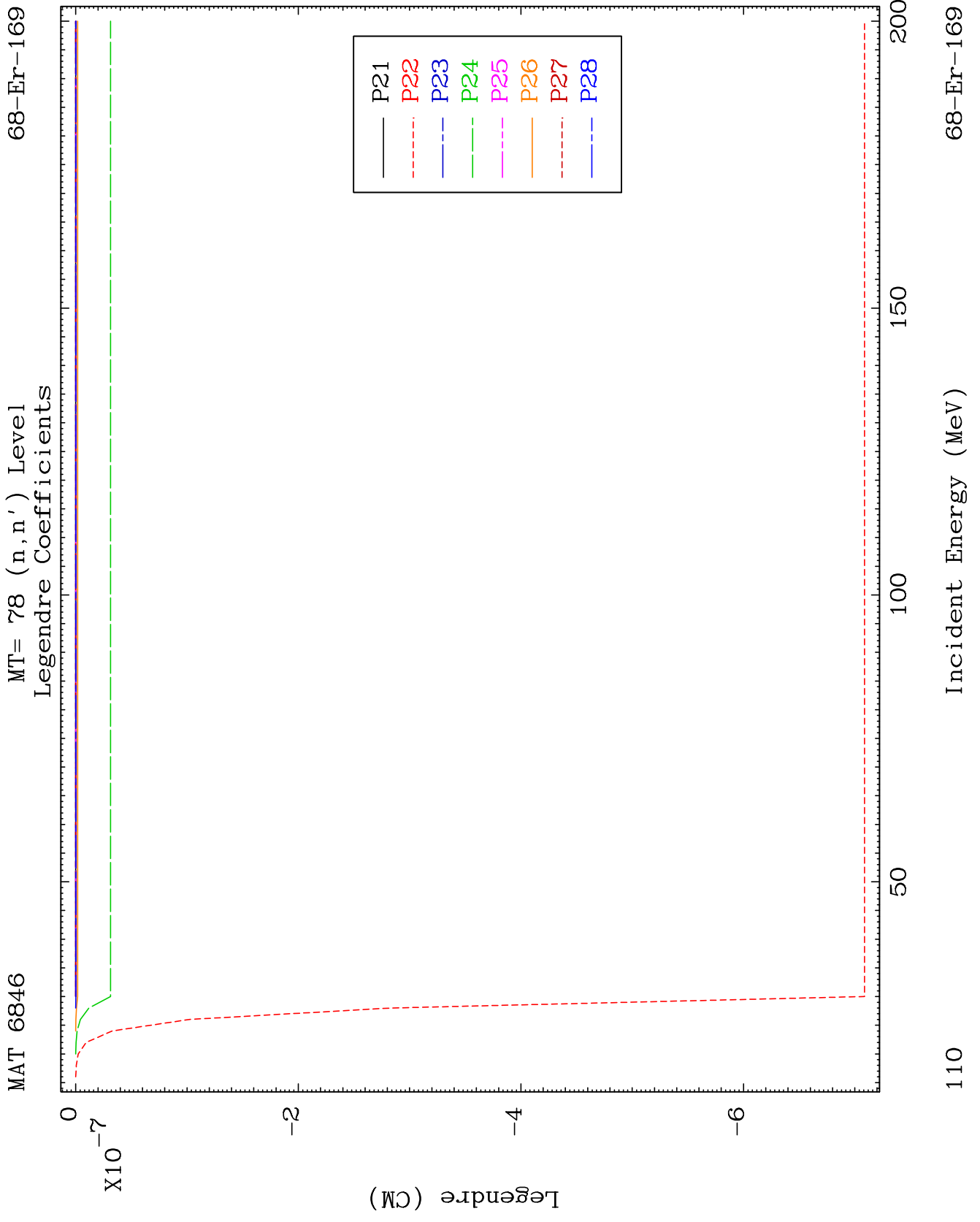
68-Er-169



109

Incident Energy (MeV)

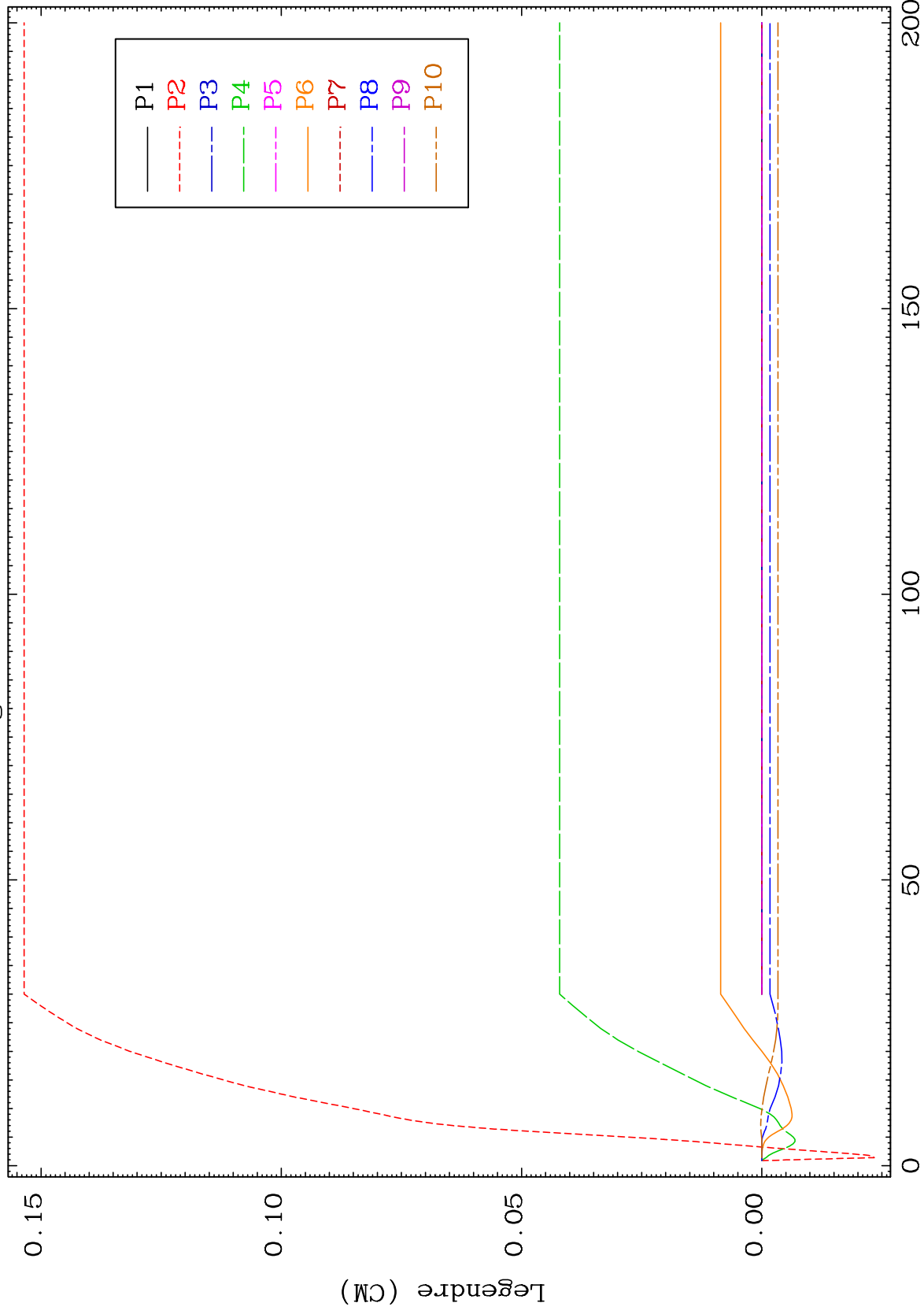
68-Er-169



MAT 6846

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

68-Er-169



111

Incident Energy (MeV)

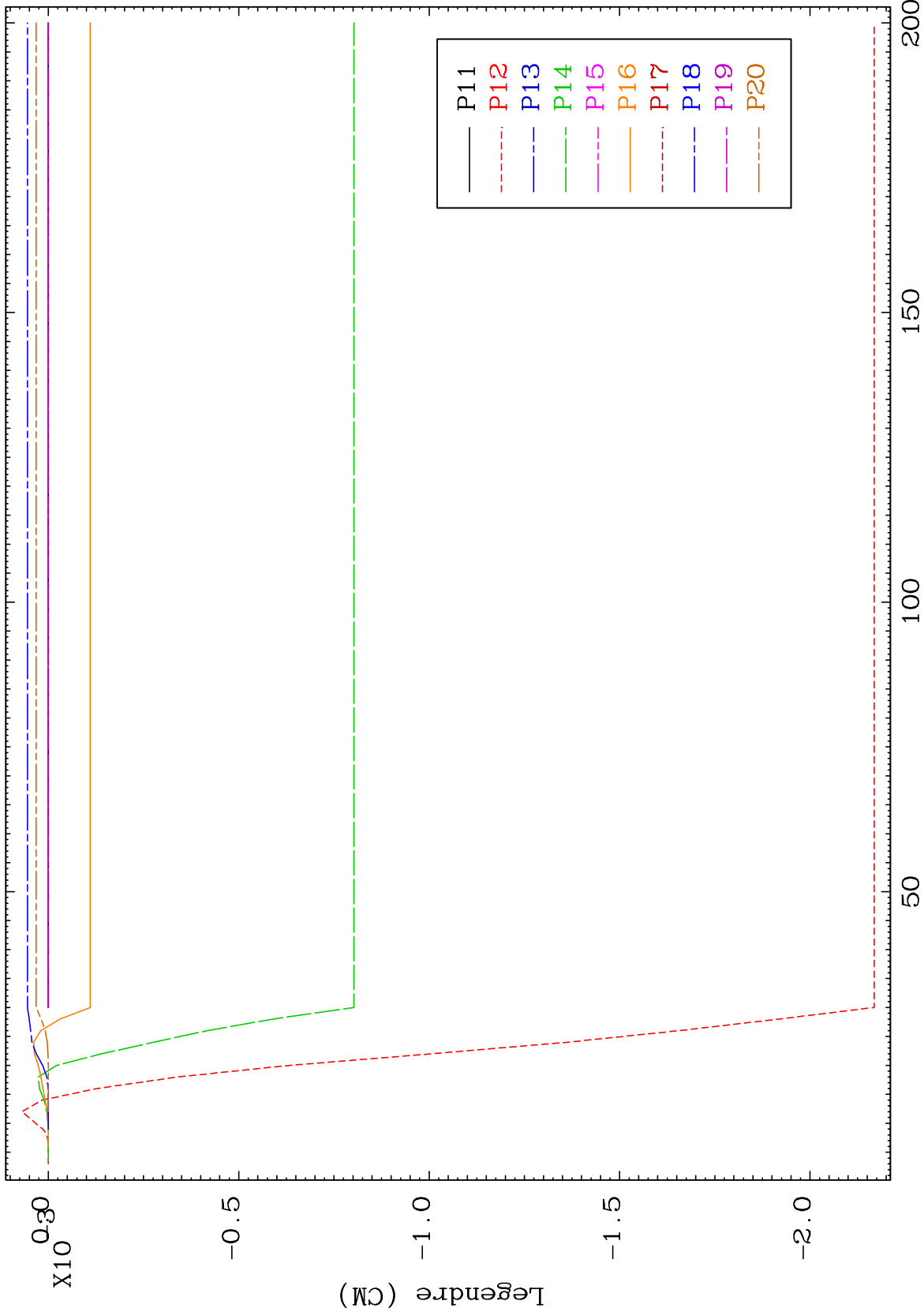
68-Er-169

MAT 6846

MT= 79 (n,n') Level

68-Er-169

Legendre Coefficients



112

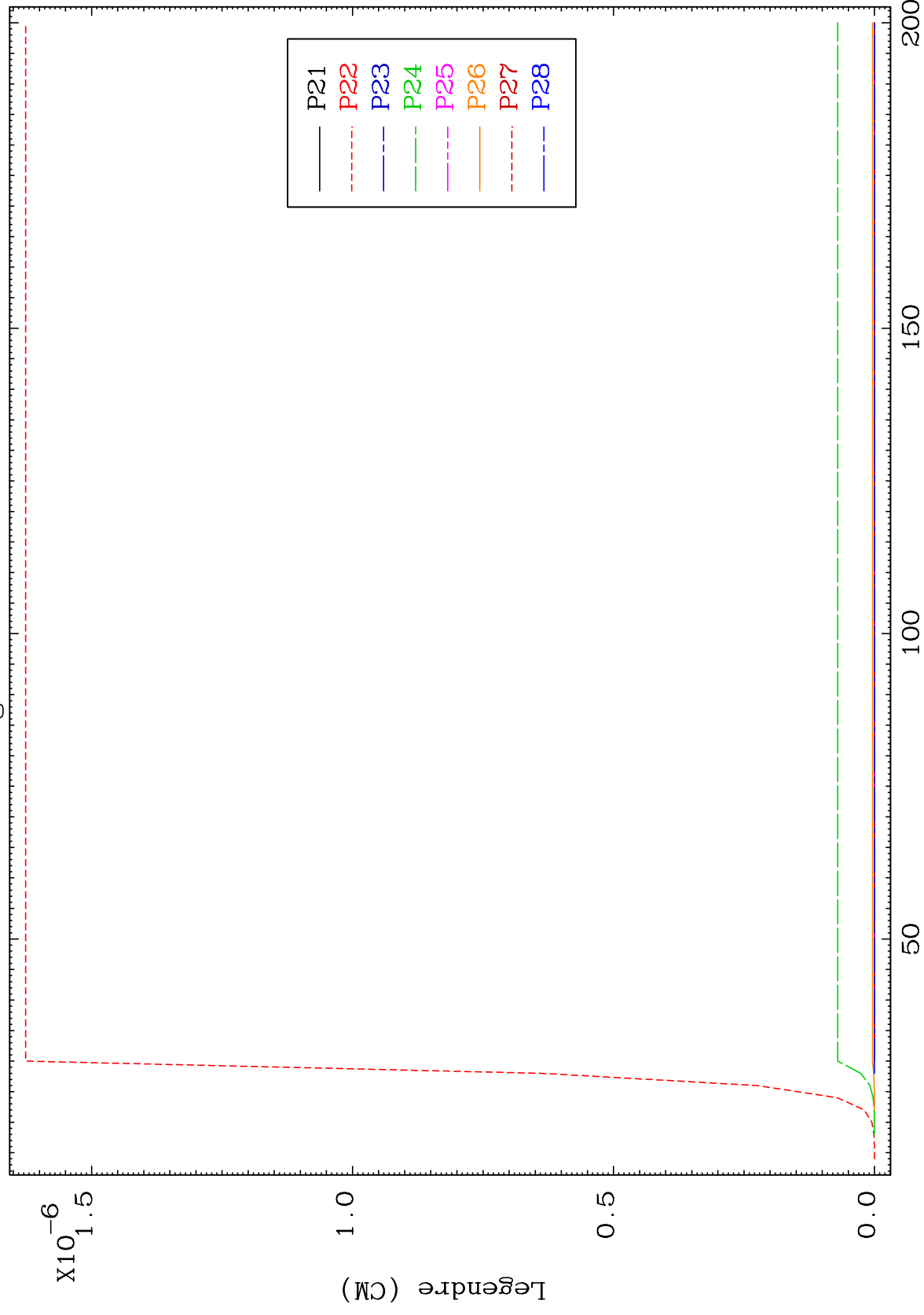
Incident Energy (MeV)

68-Er-169

MAT 6846

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

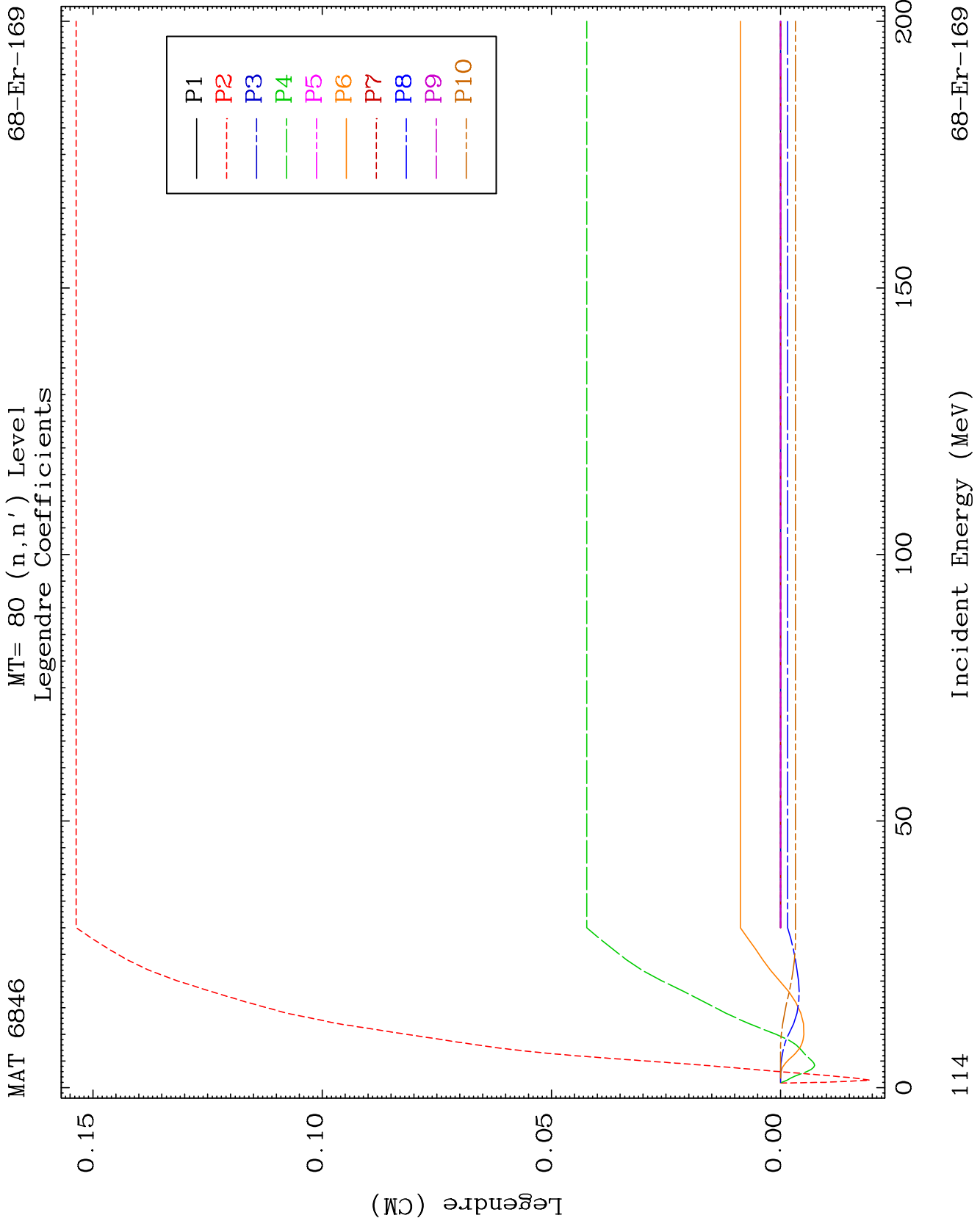
68-Er-169

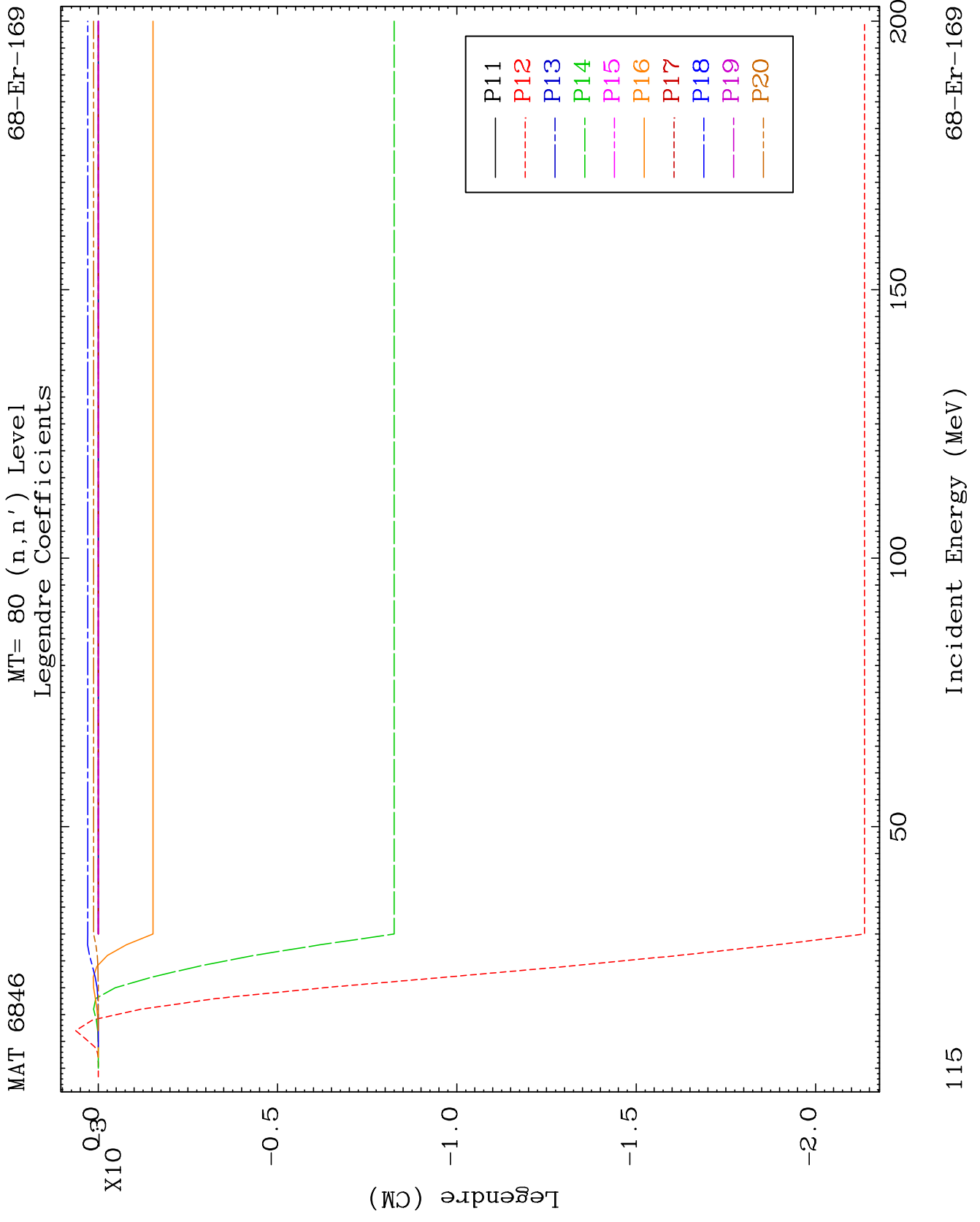


113

Incident Energy (MeV)

68-Er-169



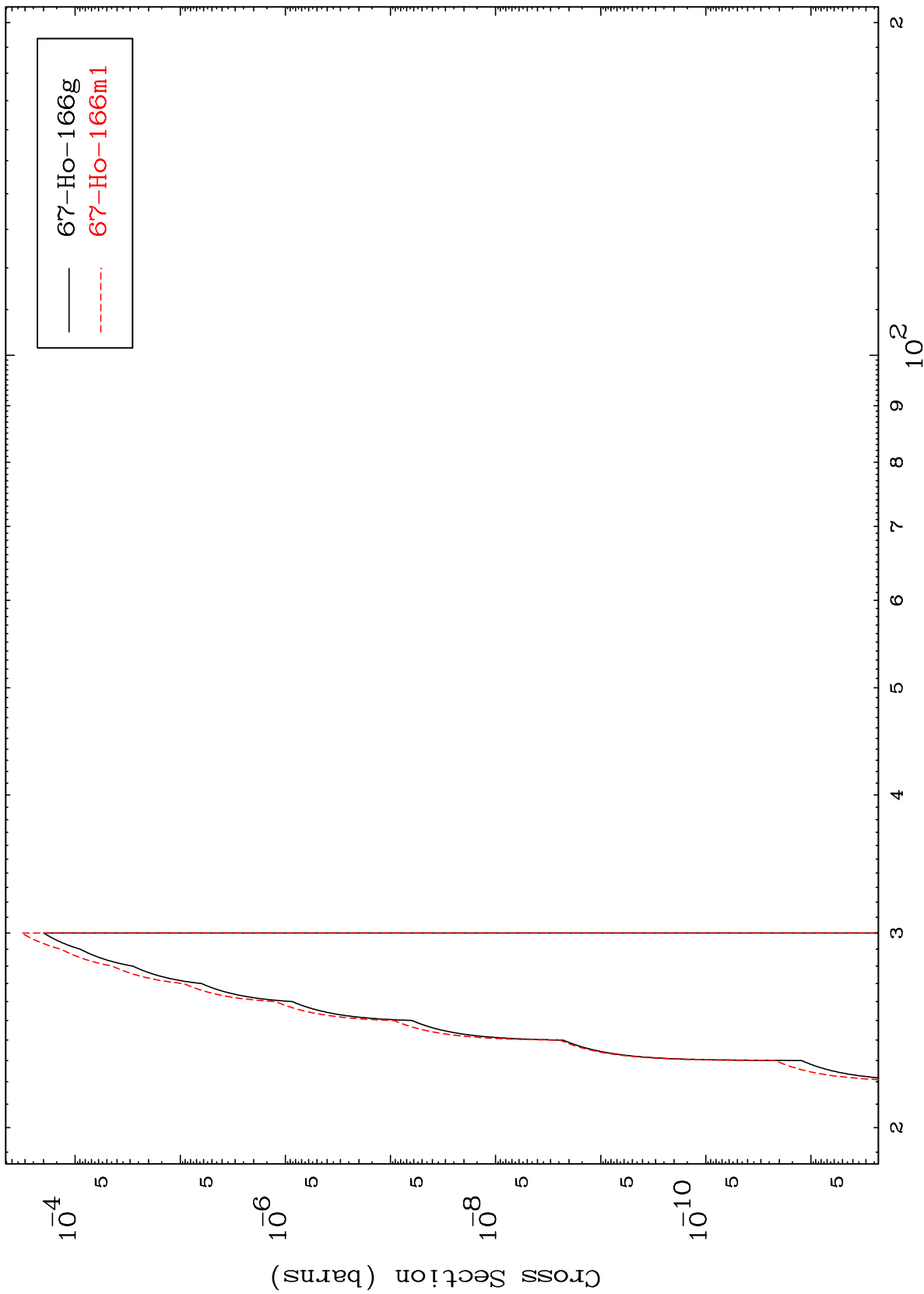


MAT 6846

(n,2n) d

68-Er-169

Radionuclide Production Cross Section



117

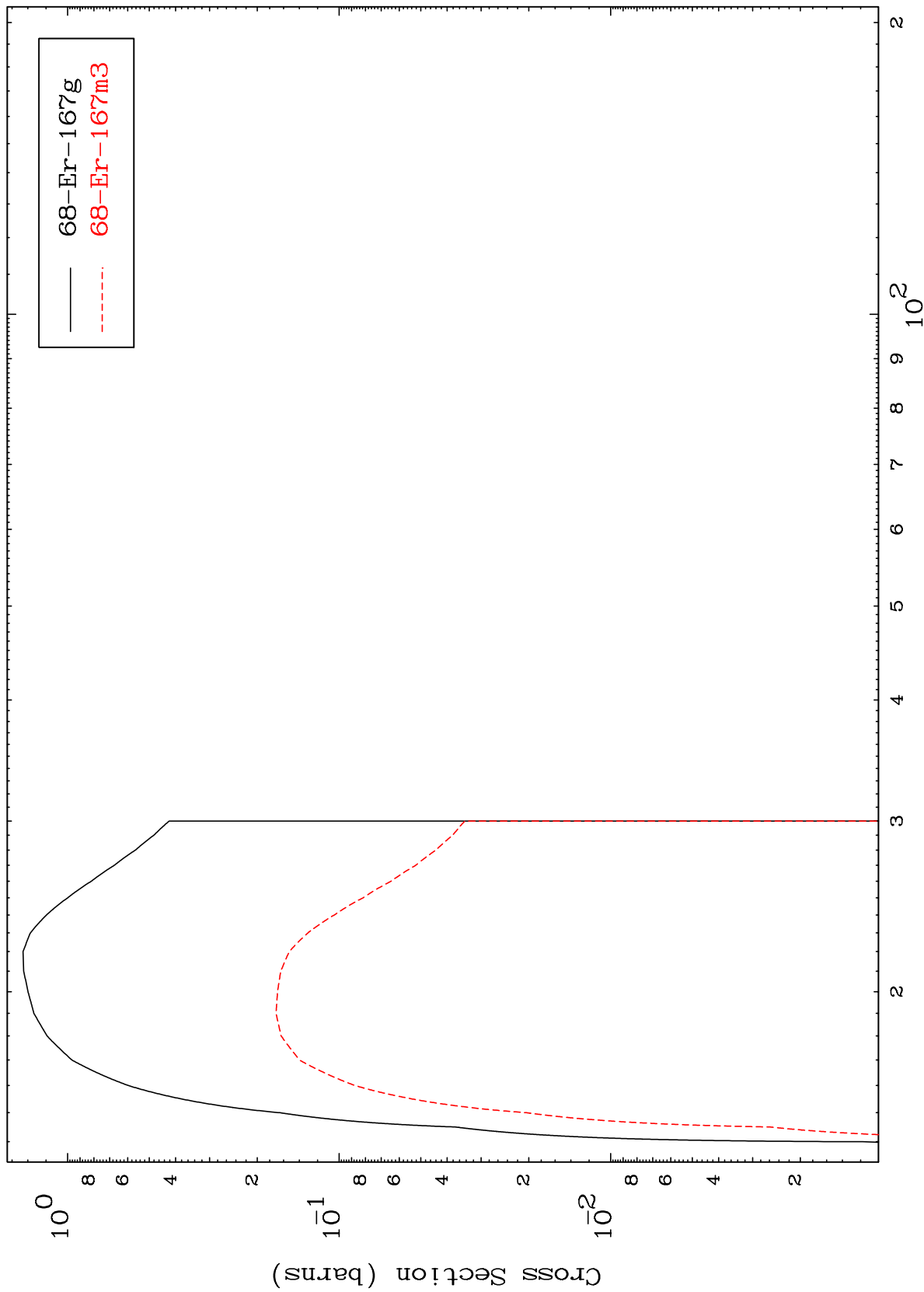
Incident Energy (MeV)

68-Er-169

MAT 6846

68-Er-169

(n,3n)
Radionuclide Production Cross Section



118

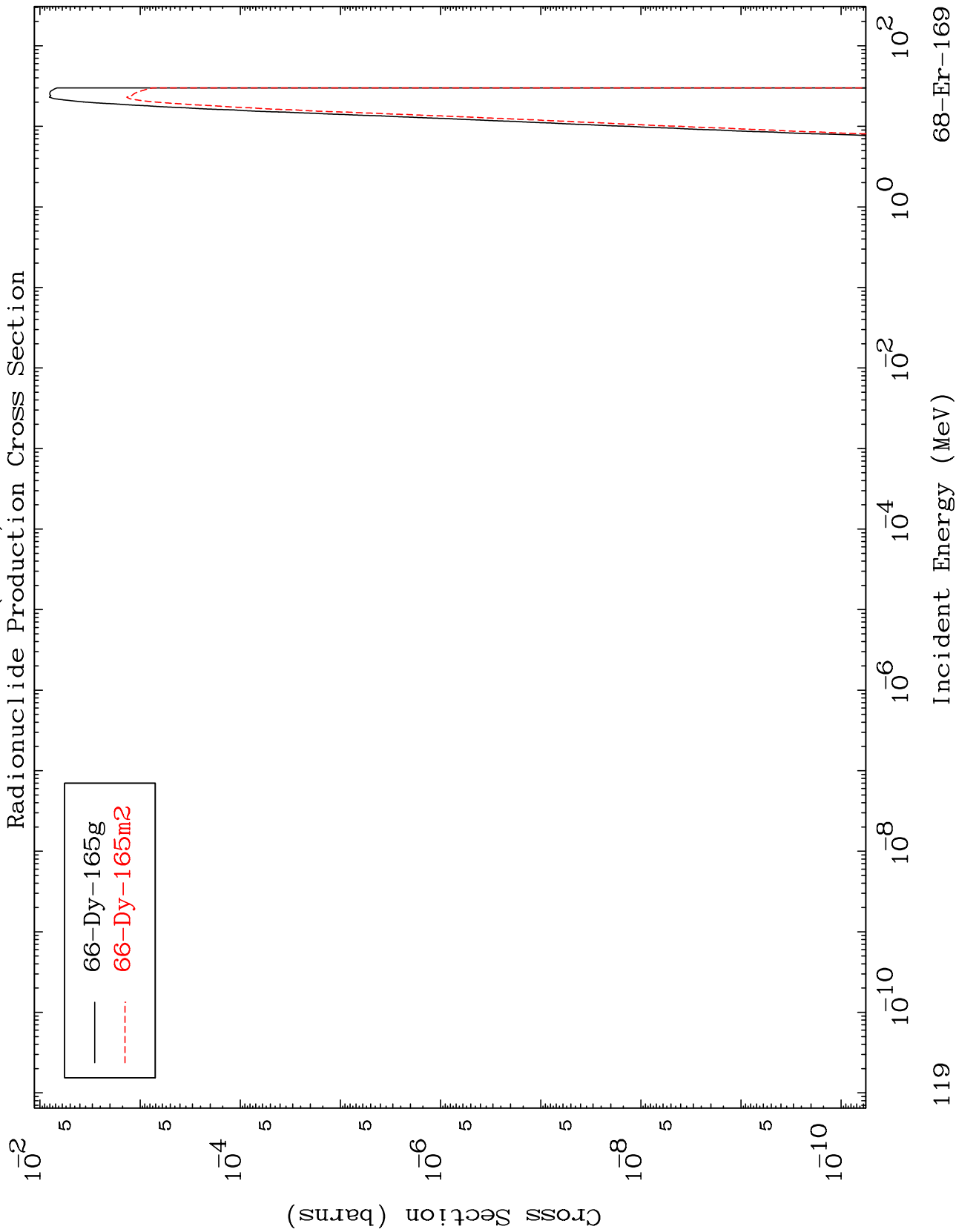
Incident Energy (MeV)

68-Er-169

MAT 6846

$(n, n') \alpha$

68-Er-169

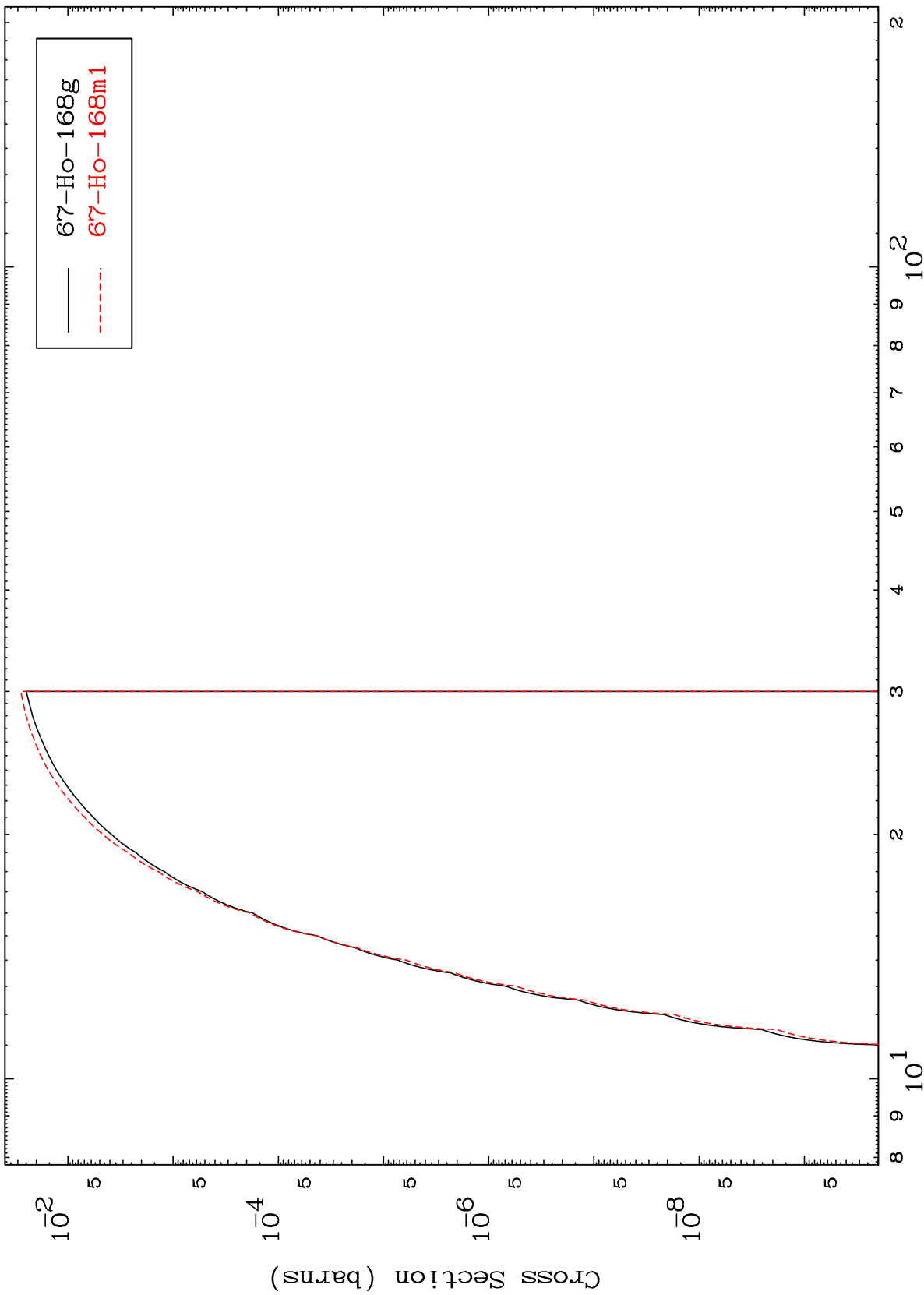


MAT 6846

(n,n') p

68-Er-169

Radionuclide Production Cross Section

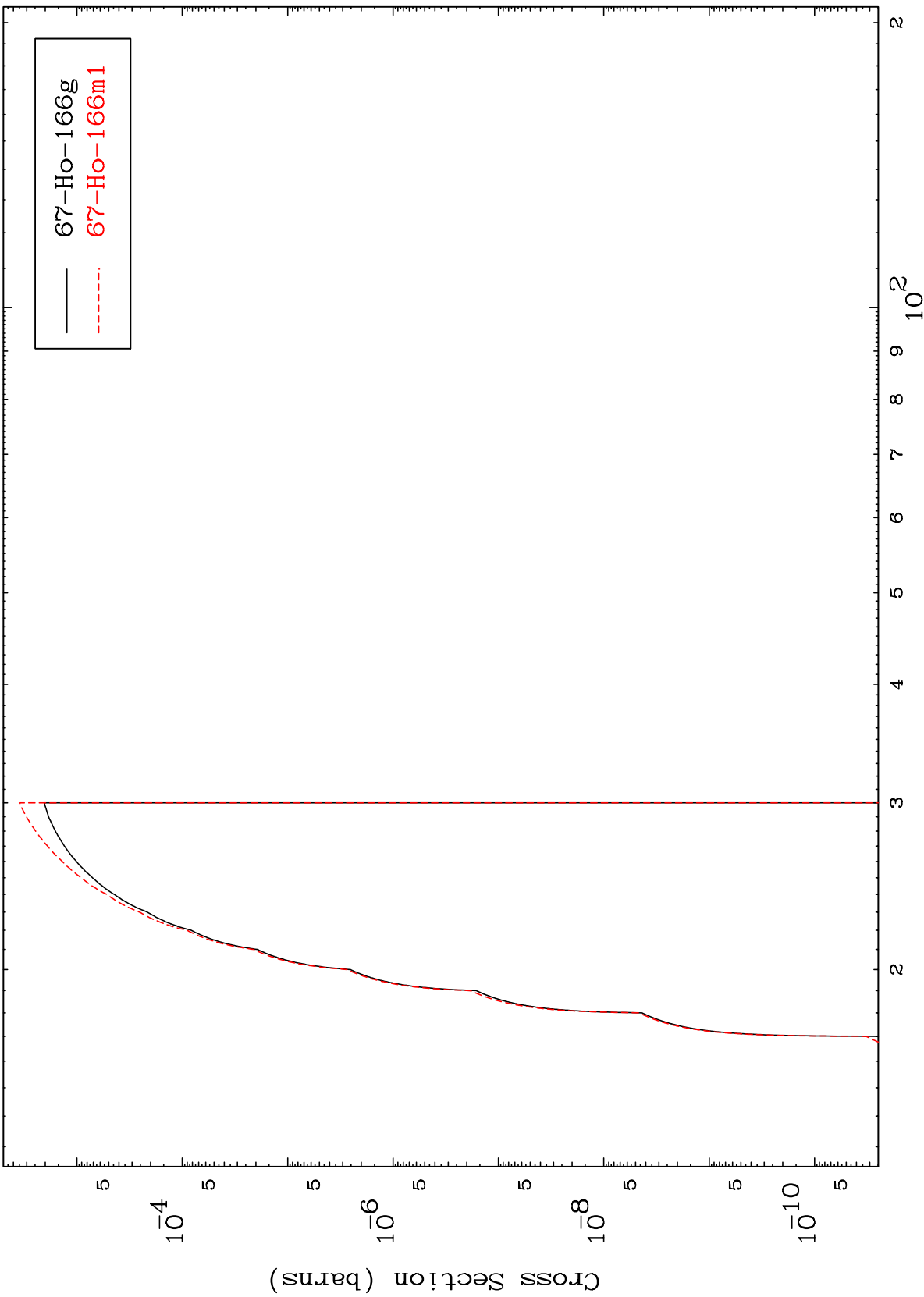


120

Incident Energy (MeV)

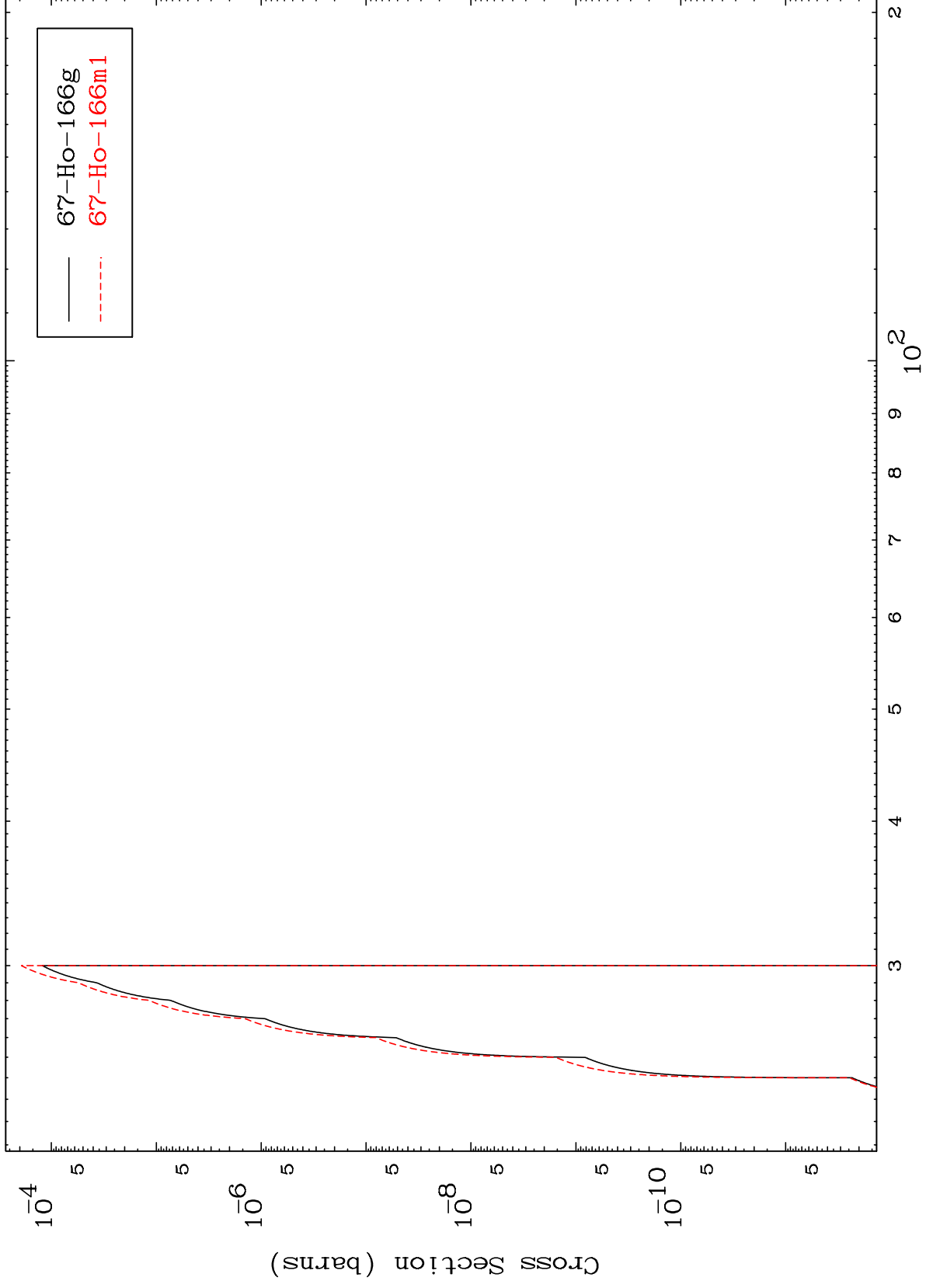
68-Er-169

Radionuclide Production Cross Section



67-Ho-166g
67-Ho-166m1

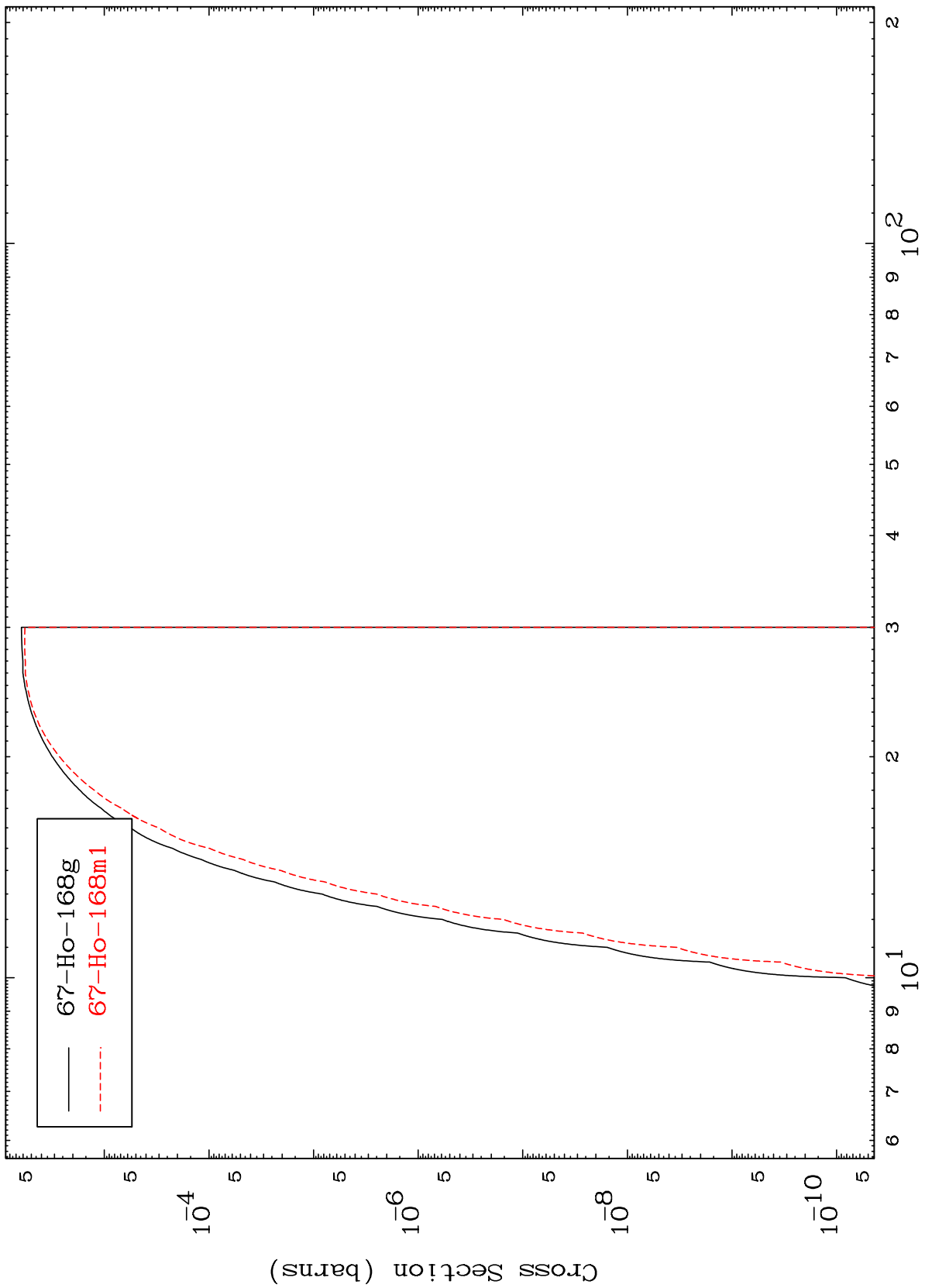
Radionuclide Production Cross Section



MAT 6846

68-Er-169

(n,d)
Radionuclide Production Cross Section



123

Incident Energy (MeV)

68-Er-169