

Program EVALPLOT
(Version 2017-1)

by

Dermott E. Cullen
(Present Contact Information)

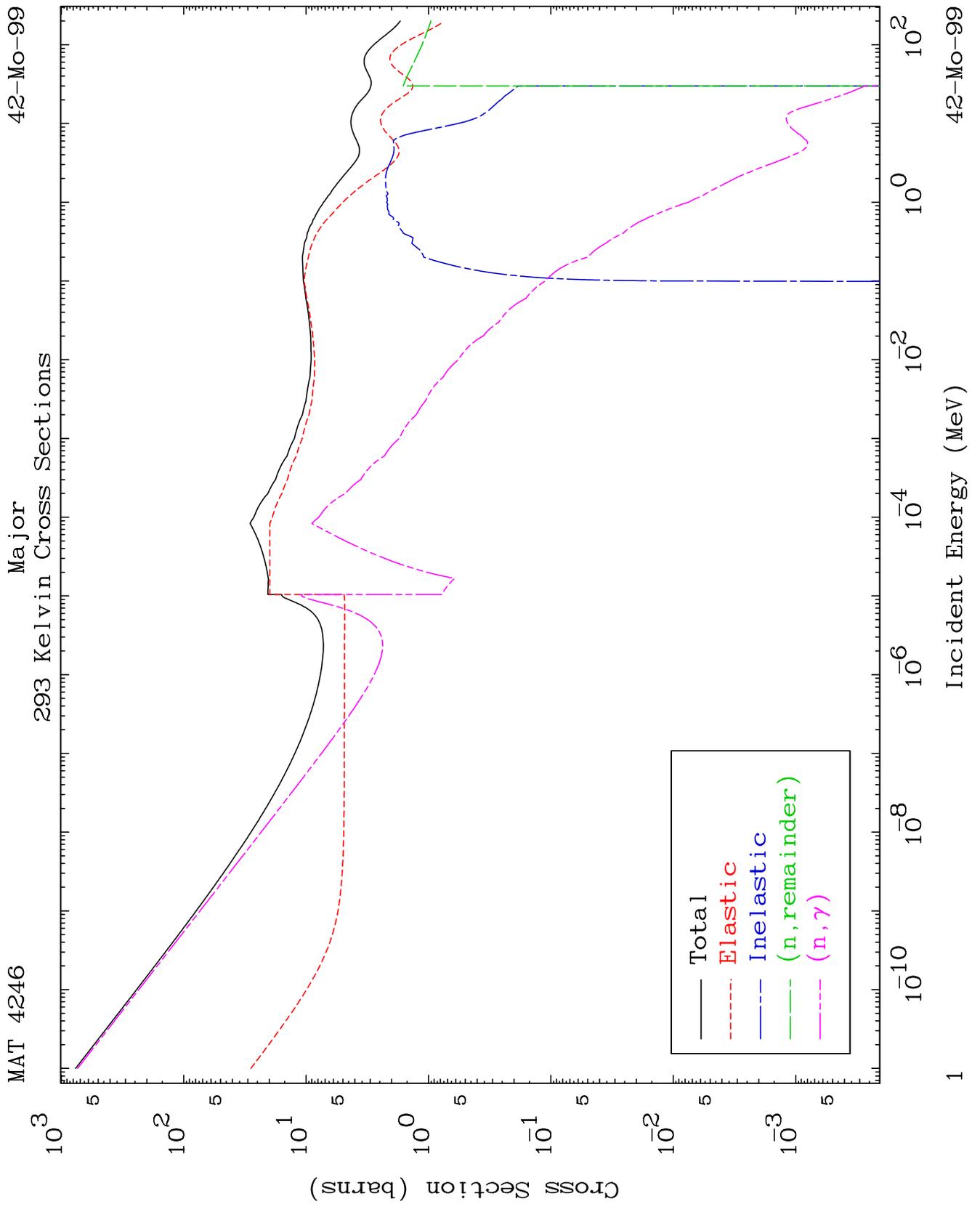
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E.Mail:redcullen1@comcast.net

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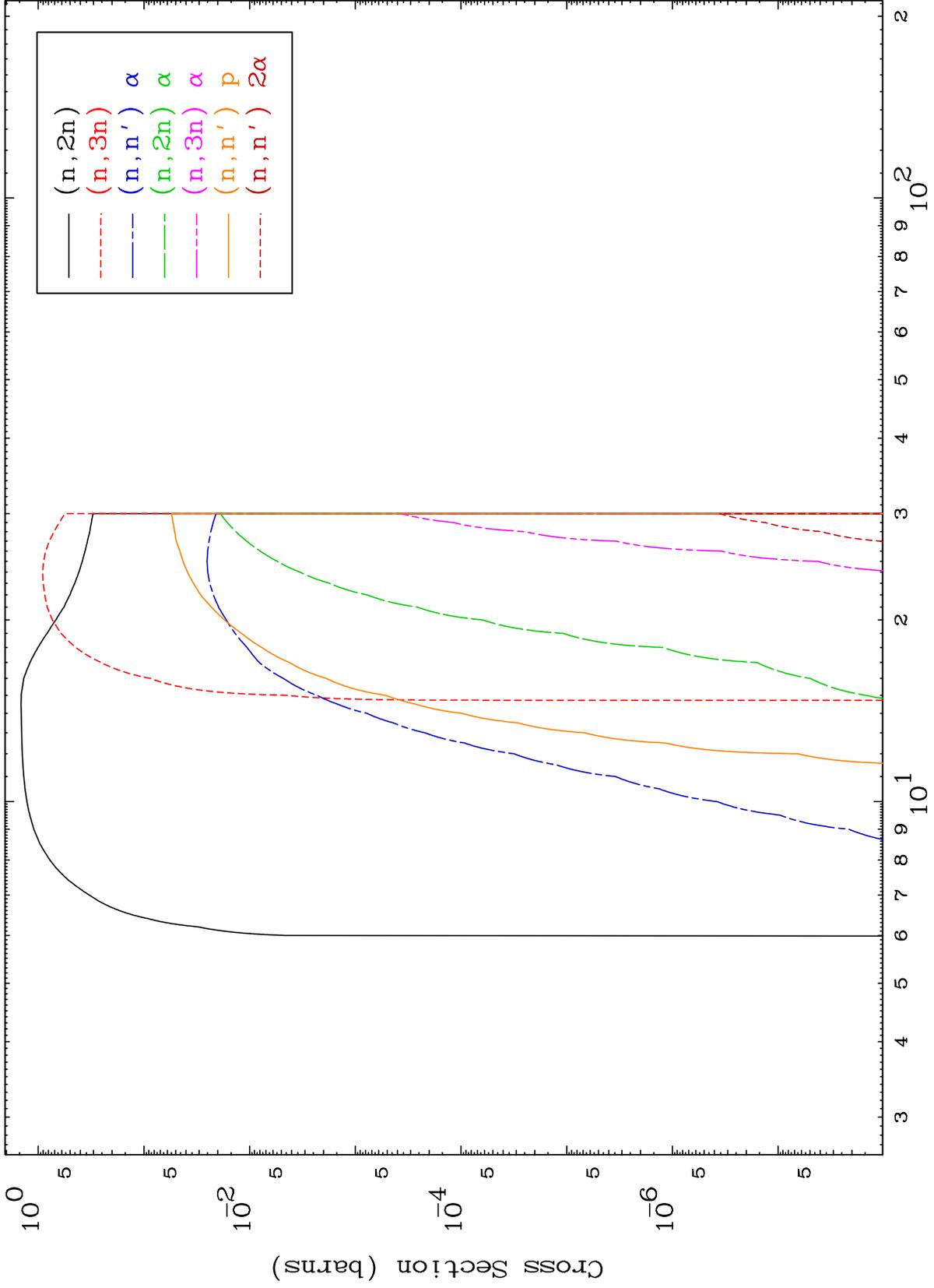
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MAT 4246

Neutron Production
293 Kelvin Cross Sections

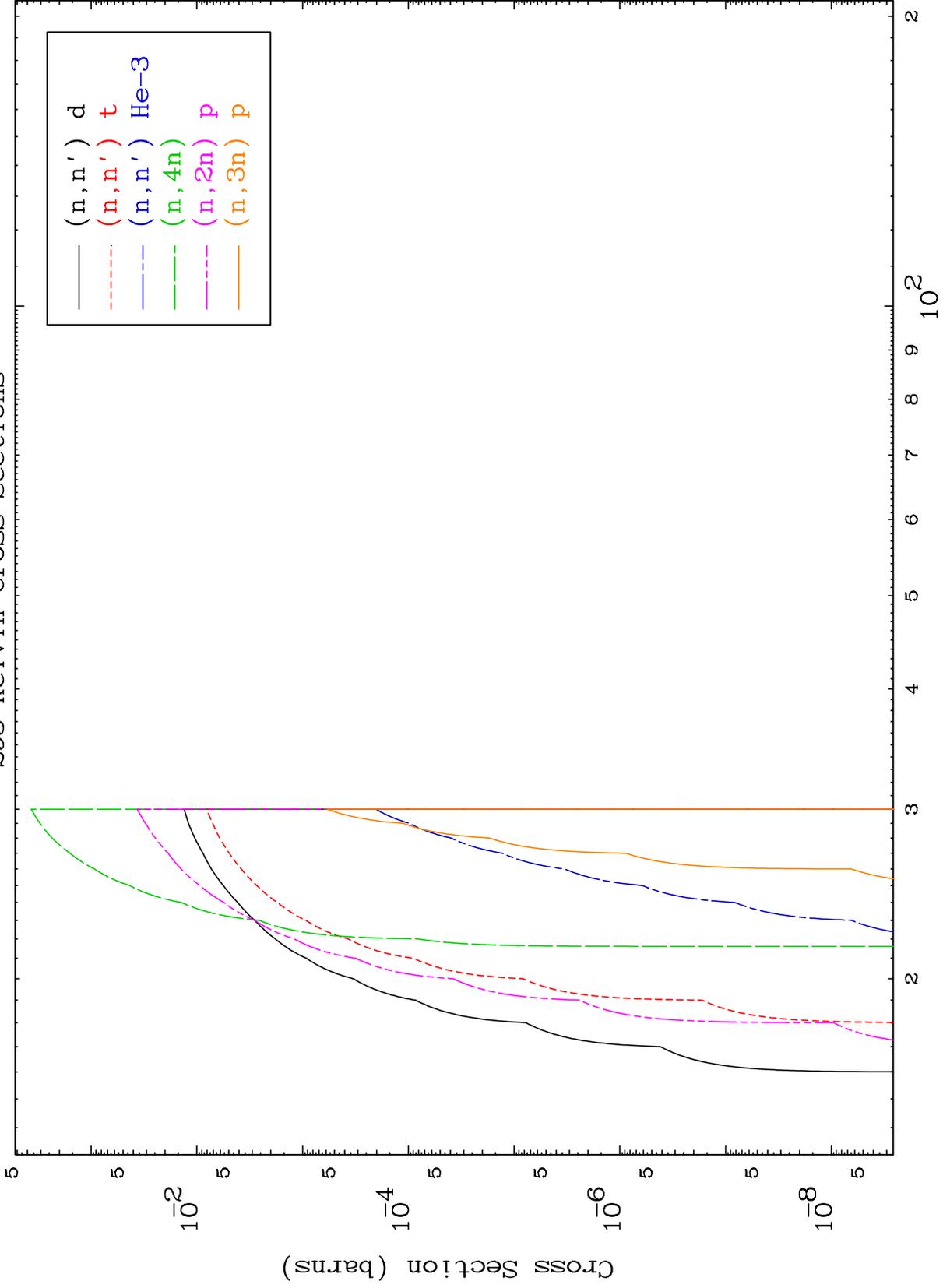
42-Mo-99

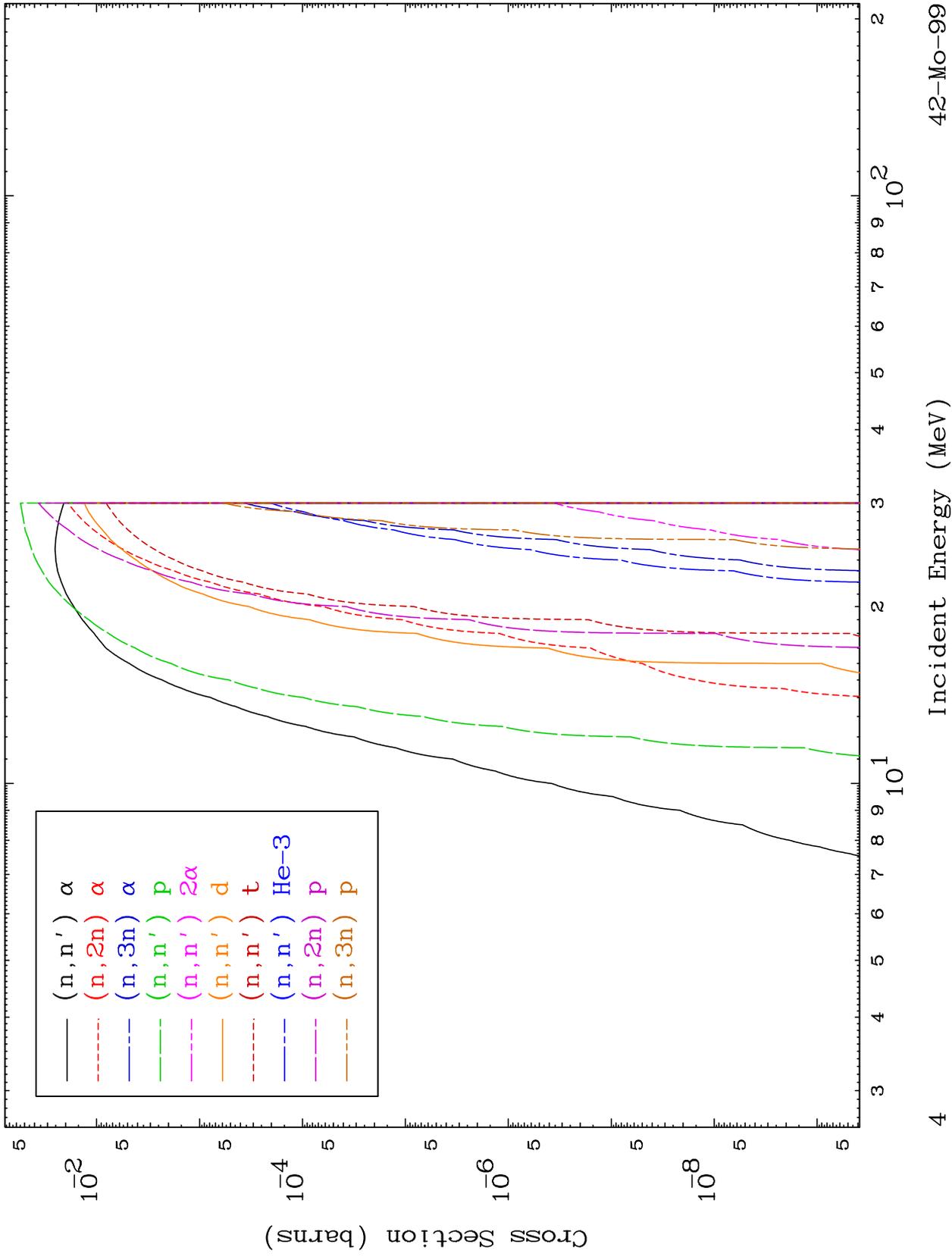


2

Incident Energy (MeV)

42-Mo-99

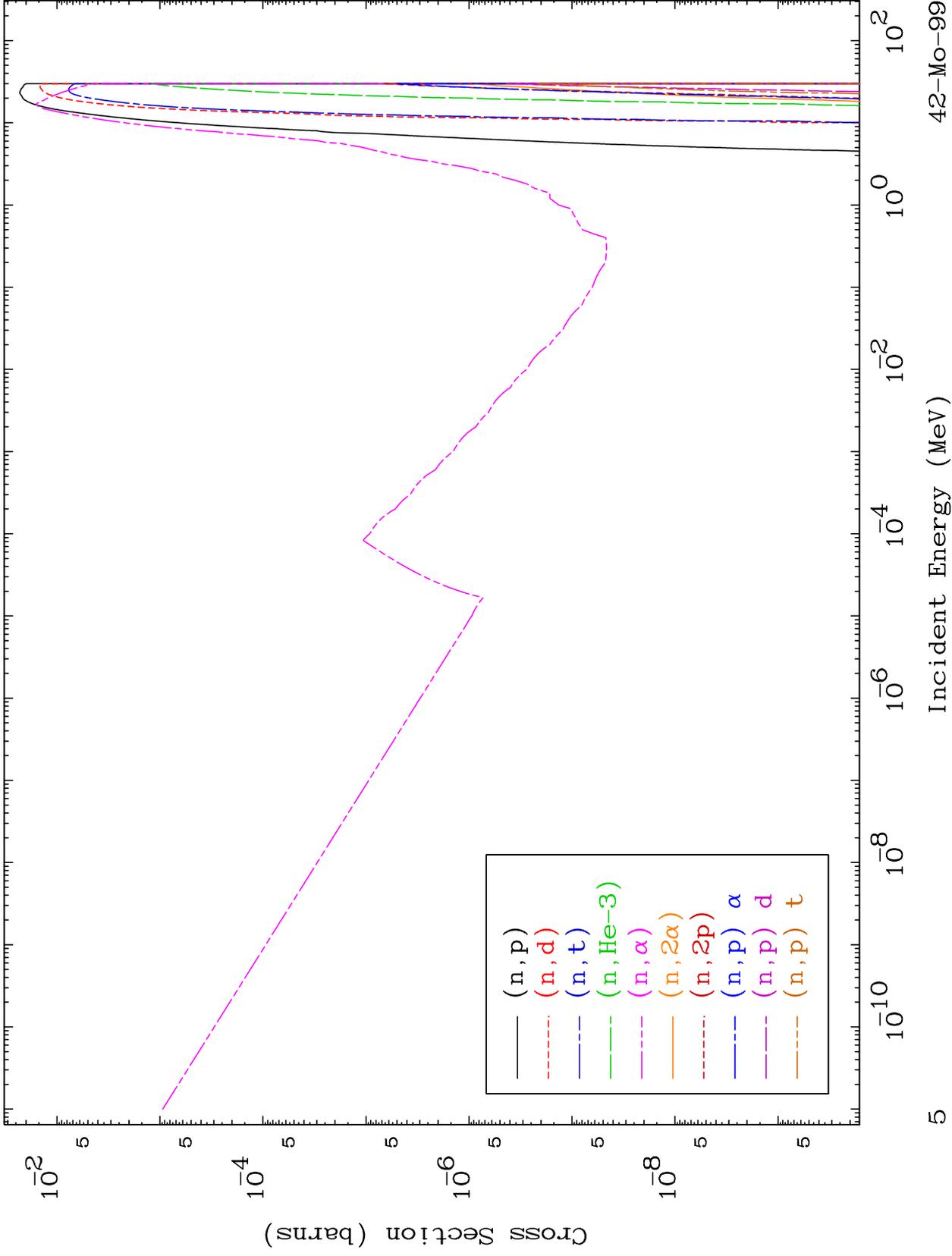




MAT 4246

Charged Particle
293 Kelvin Cross Sections

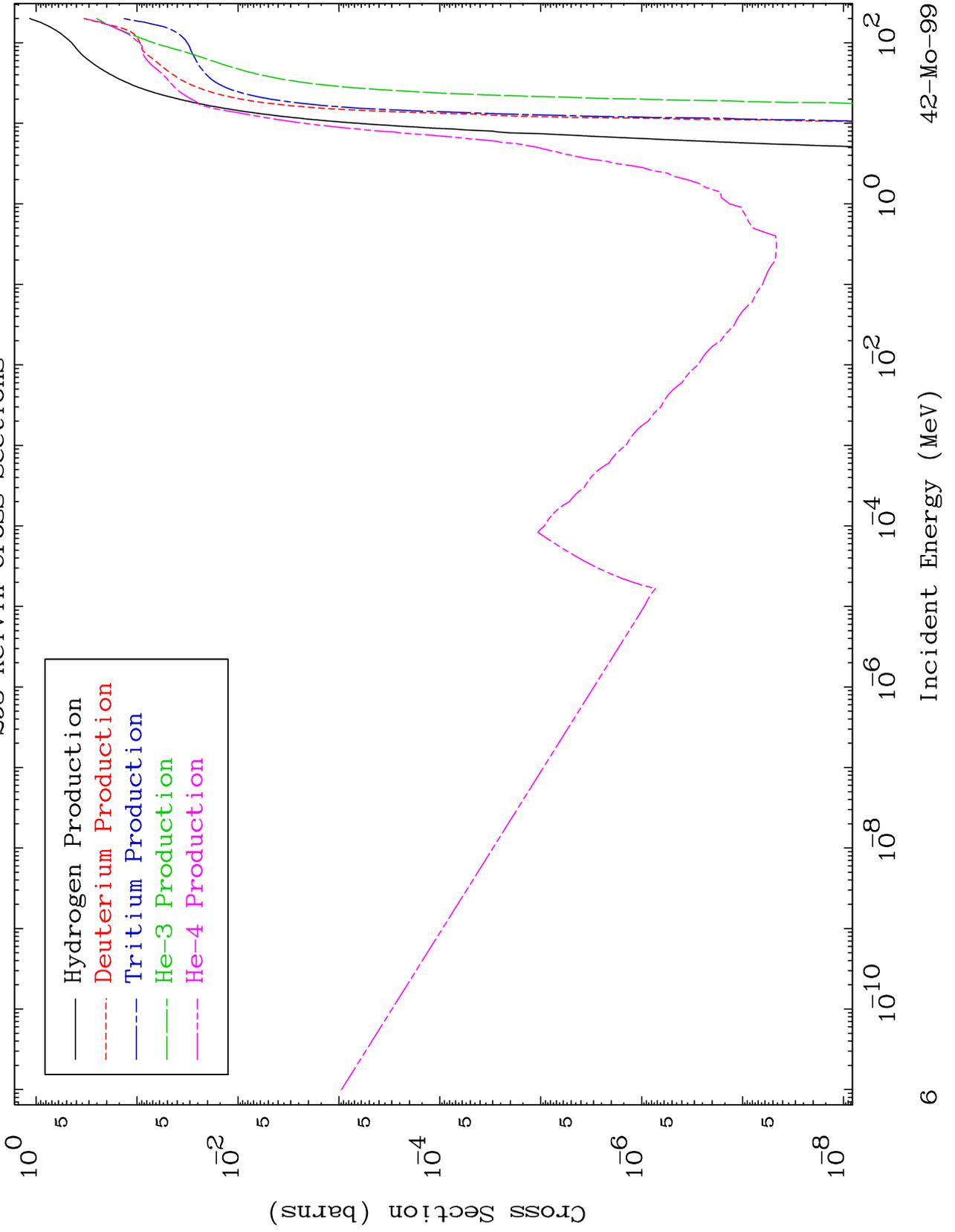
42-Mo-99



MAT 4246

Particle Production
293 Kelvin Cross Sections

42-Mo-99

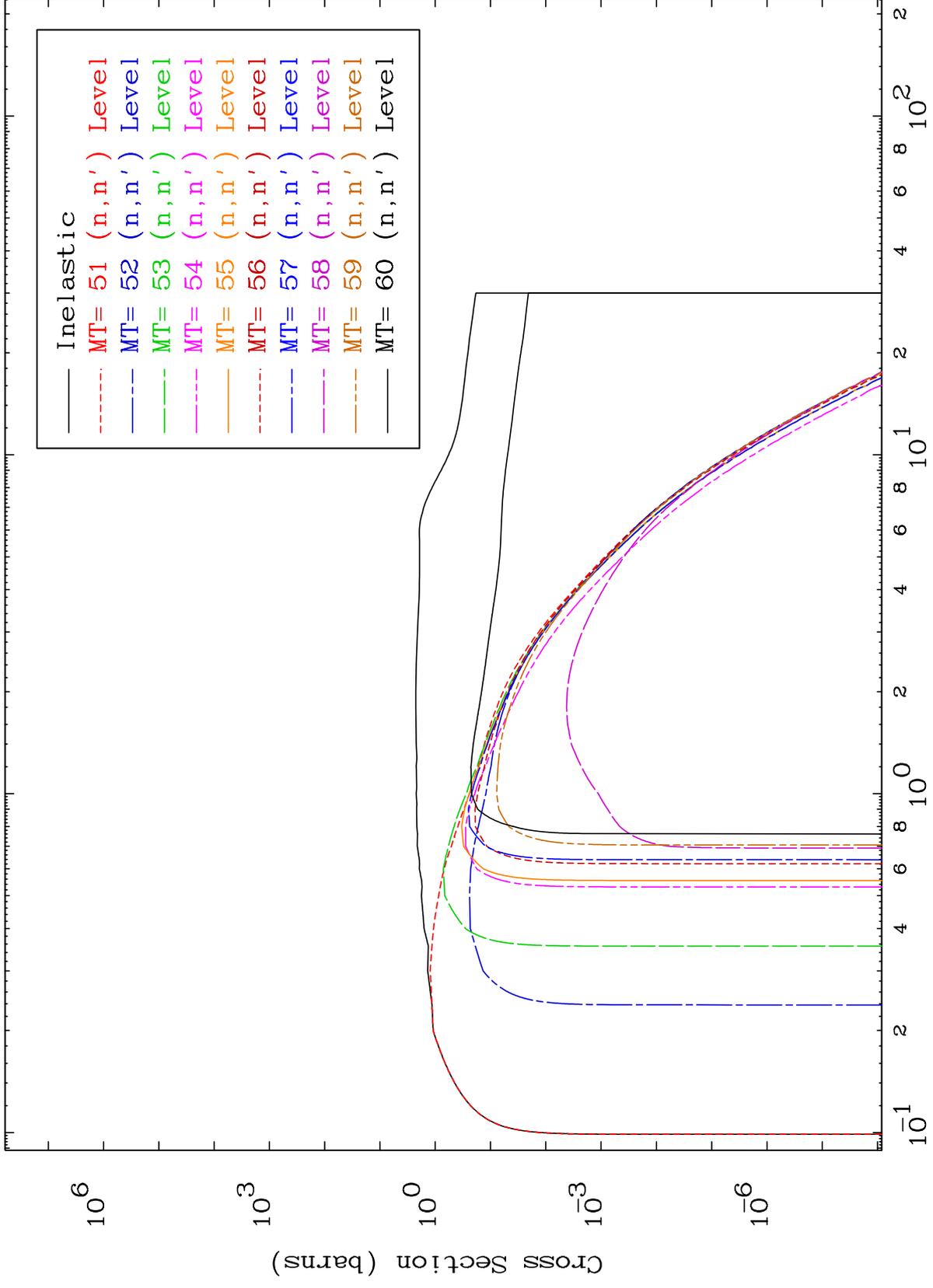


MAT 4246

(n,n') Level

42-Mo-99

293 Kelvin Cross Sections



Incident Energy (MeV)

42-Mo-99

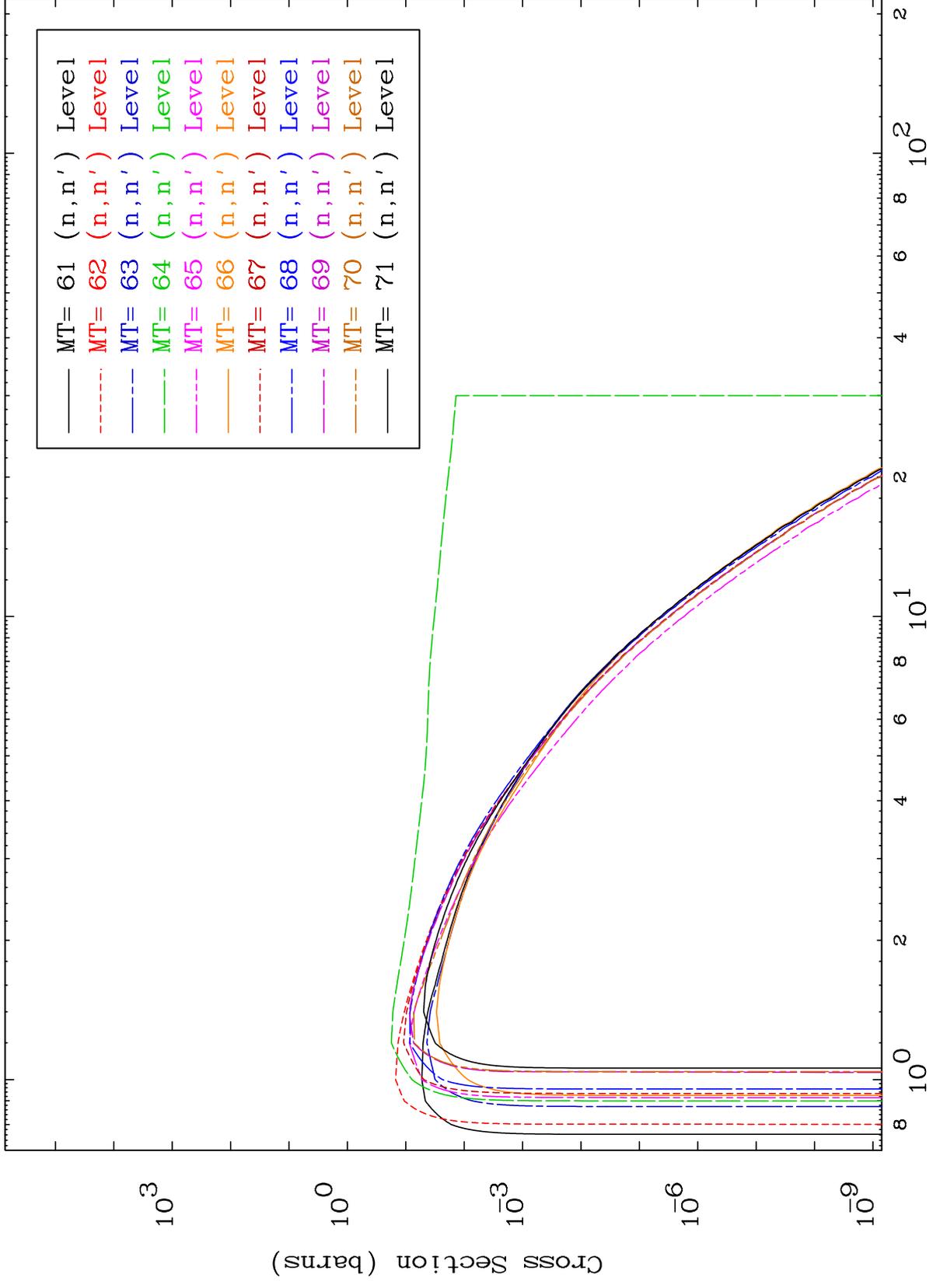
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MAT 4246

(n,n') Level

42-Mo-99

293 Kelvin Cross Sections

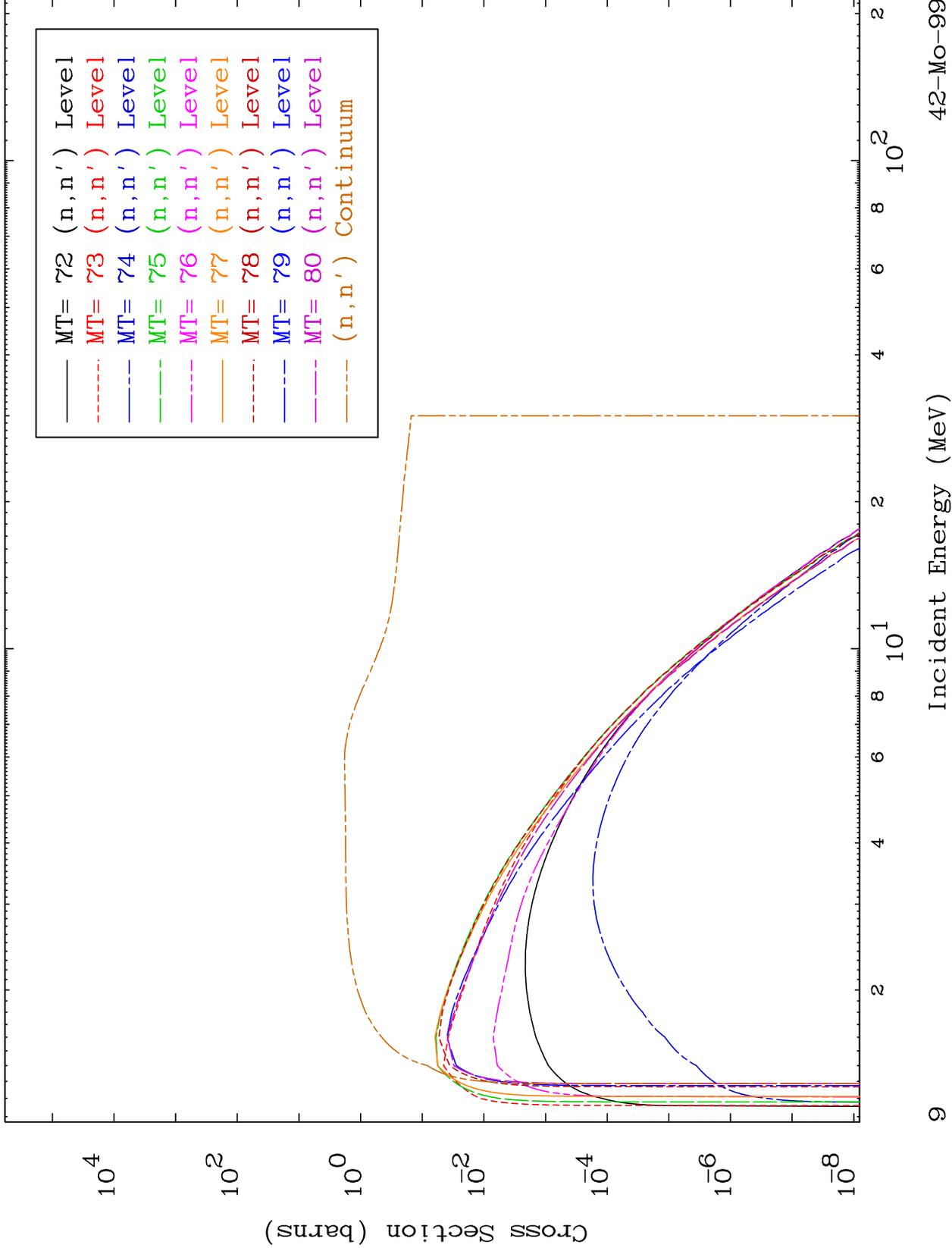


8

Incident Energy (MeV)

42-Mo-99

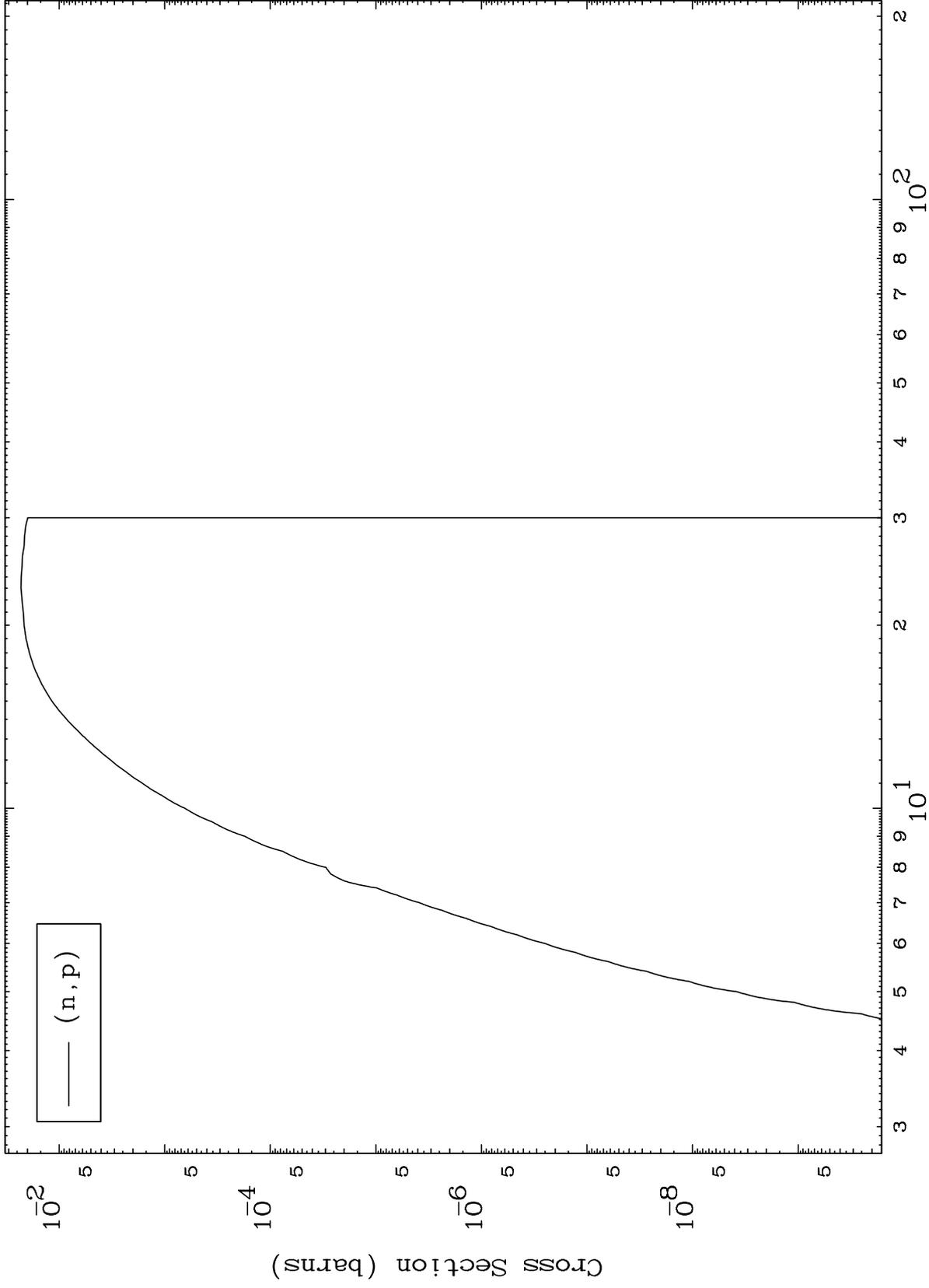
293 Kelvin Cross Sections



MAT 4246

(n,p) Levels
293 Kelvin Cross Sections

42-Mo-99



10

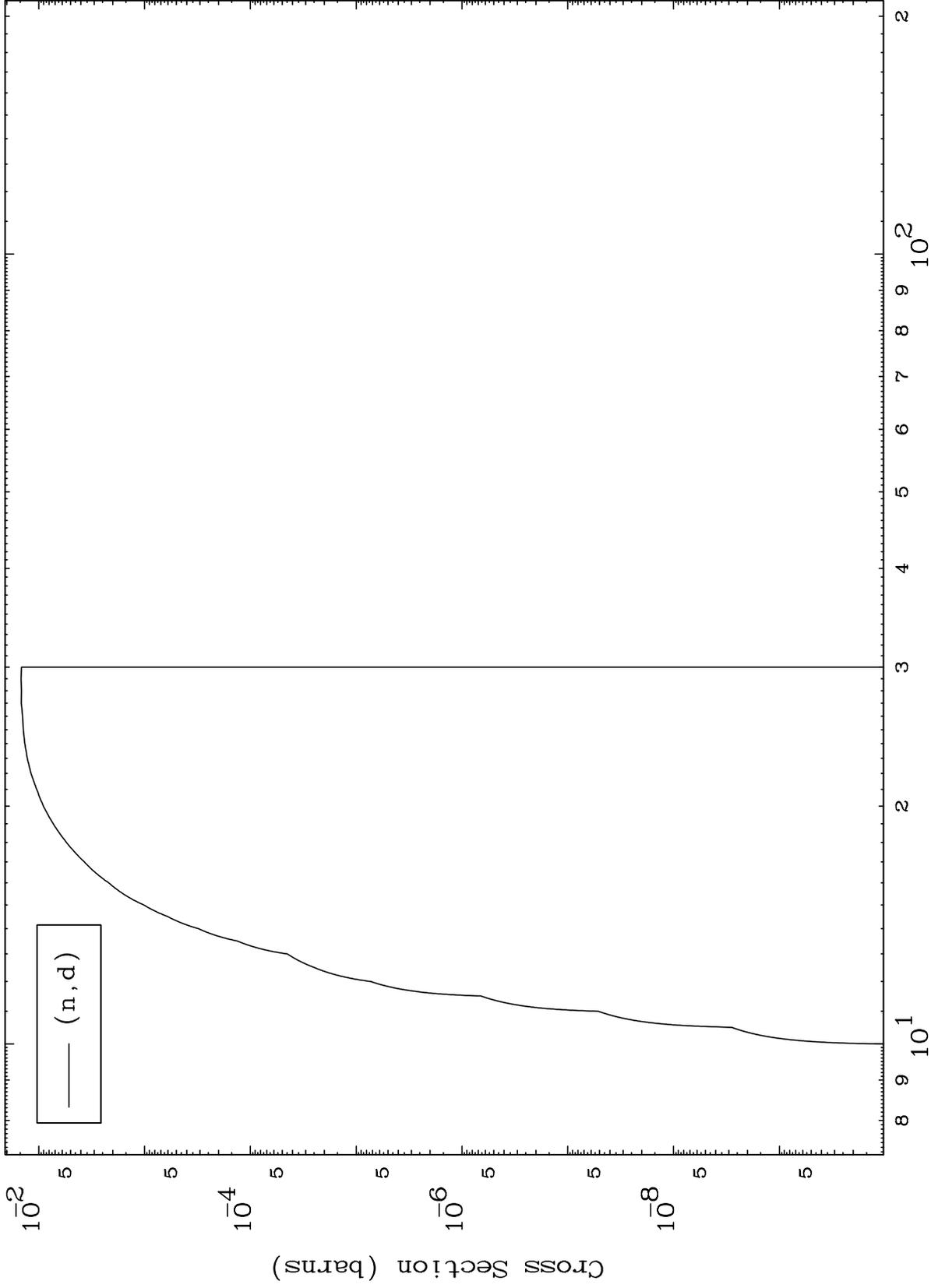
Incident Energy (MeV)

42-Mo-99

MAT 4246

(n,d) Levels
293 Kelvin Cross Sections

42-Mo-99



11

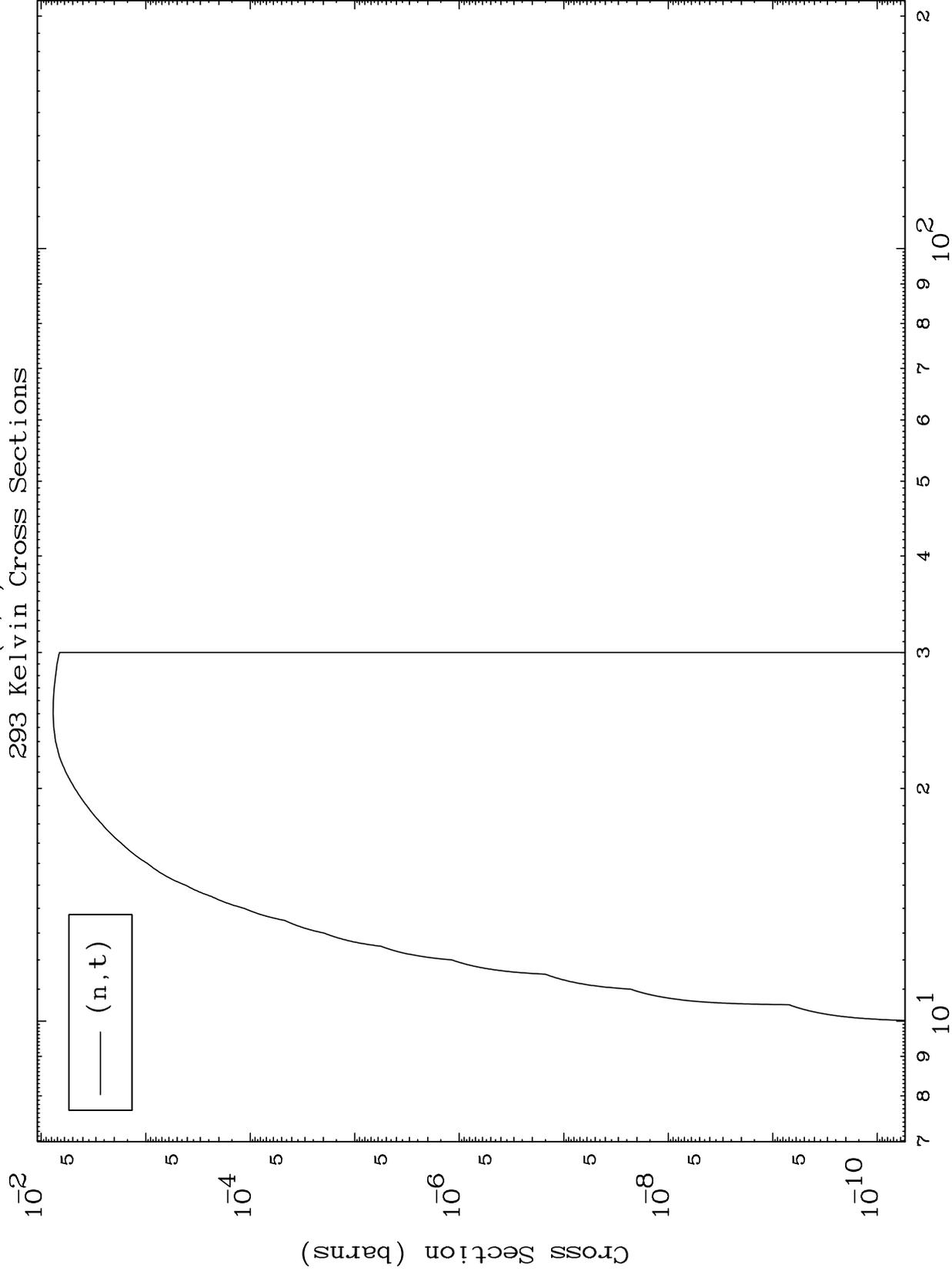
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42-Mo-99

MAT 4246

(n,t) Levels
293 Kelvin Cross Sections

42-Mo-99



12

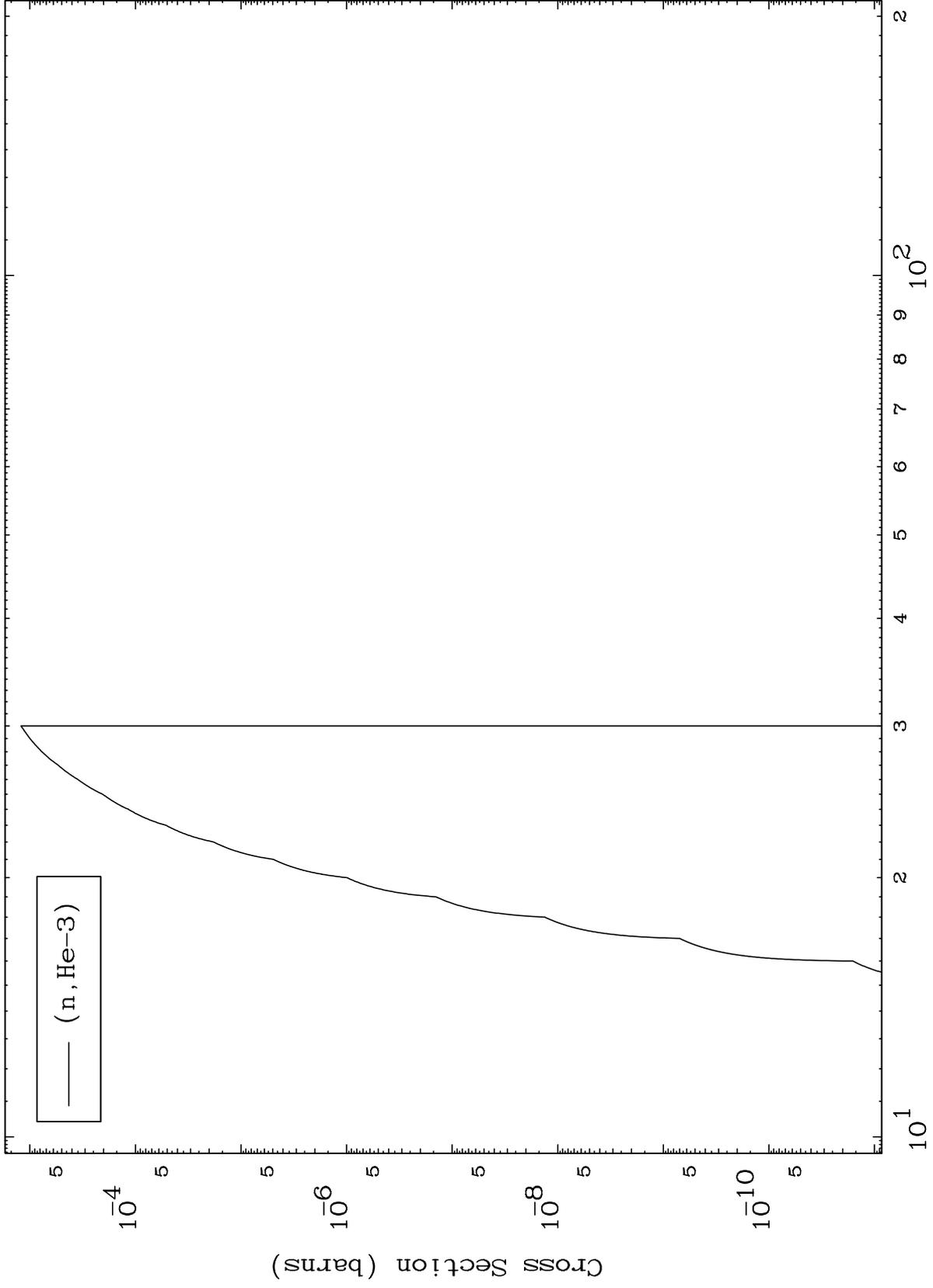
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42-Mo-99

MAT 4246

(n,He3) Levels
293 Kelvin Cross Sections

42-Mo-99



13

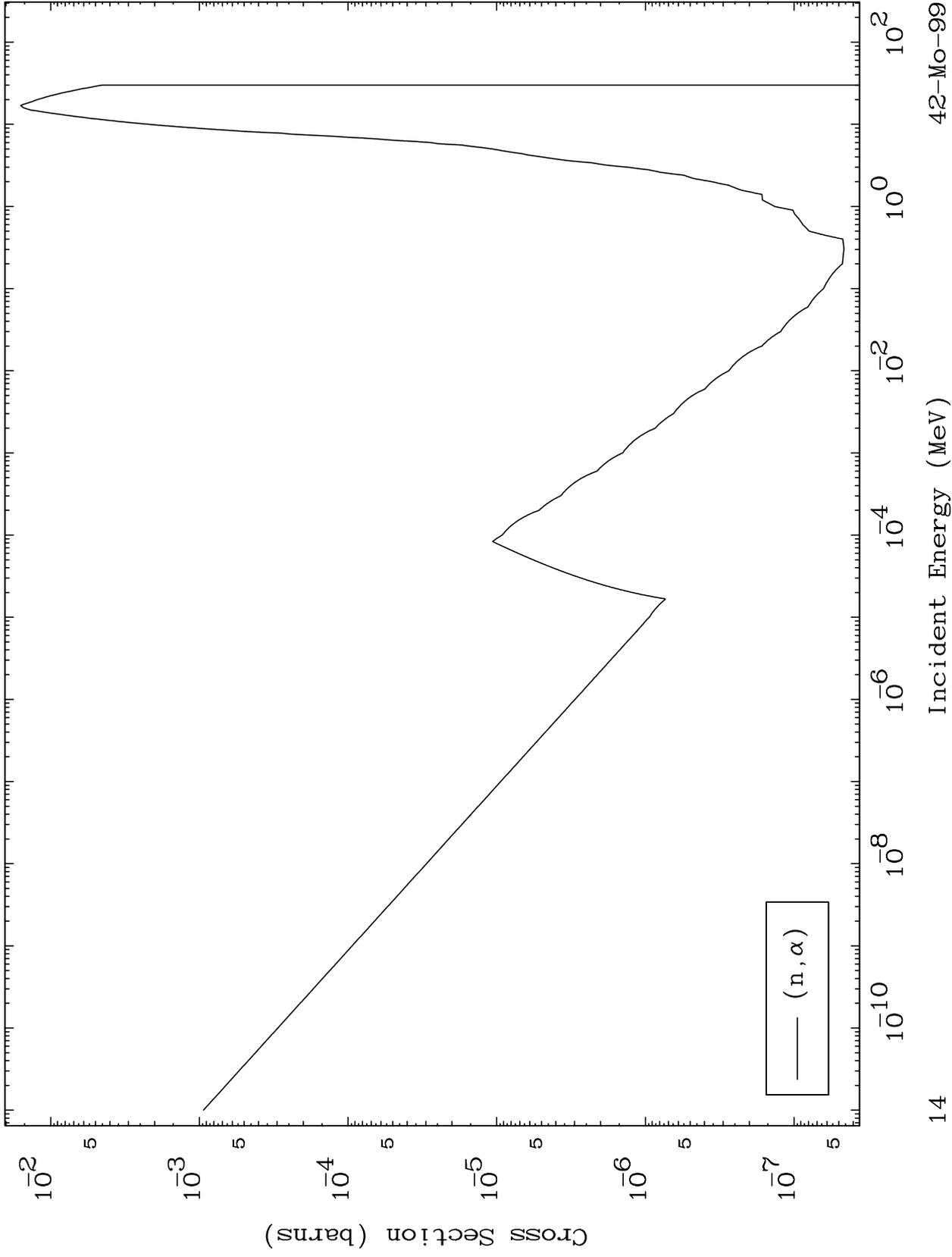
Incident Energy (MeV)

42-Mo-99

MAT 4246

(n, α) Levels
293 Kelvin Cross Sections

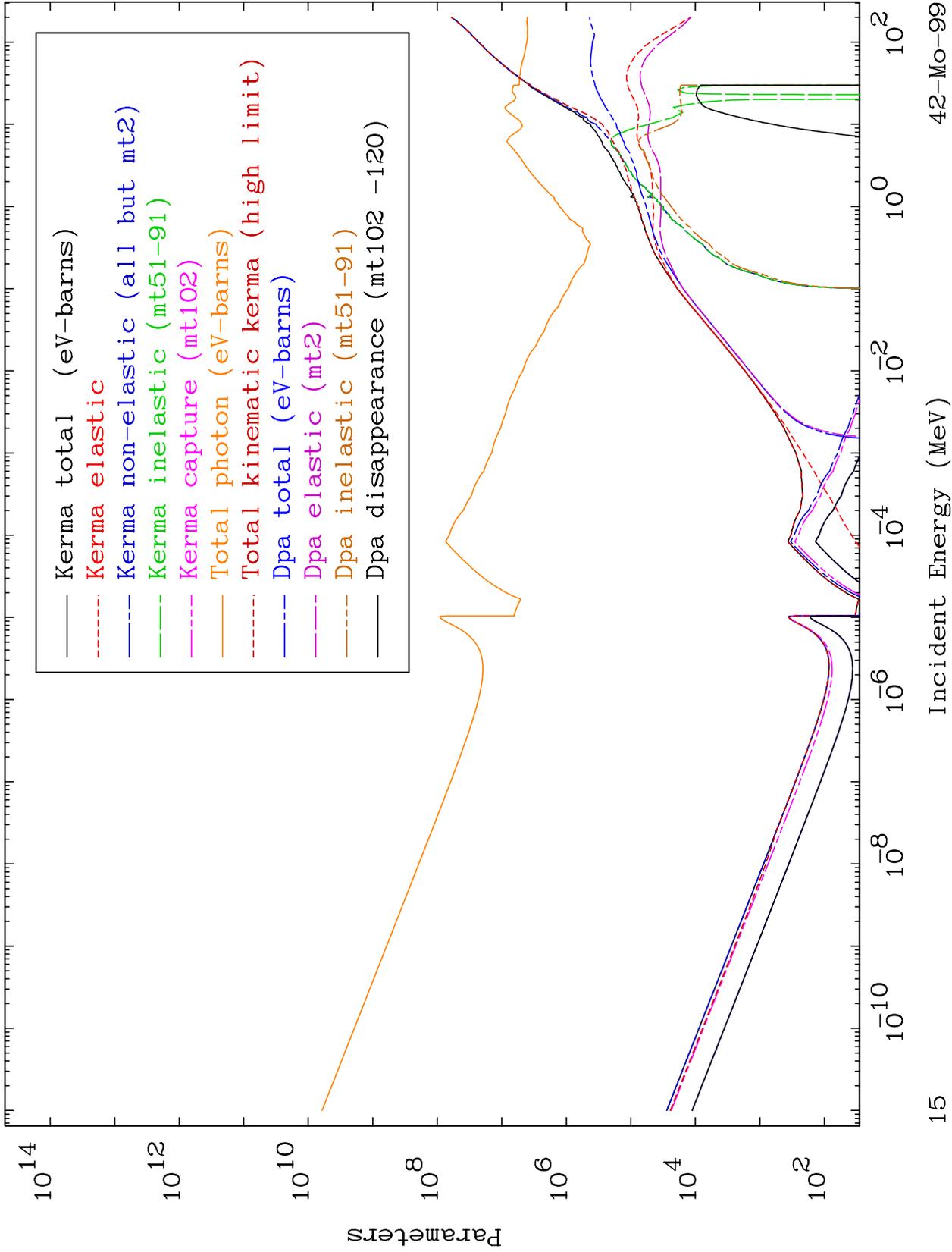
42-Mo-99



14

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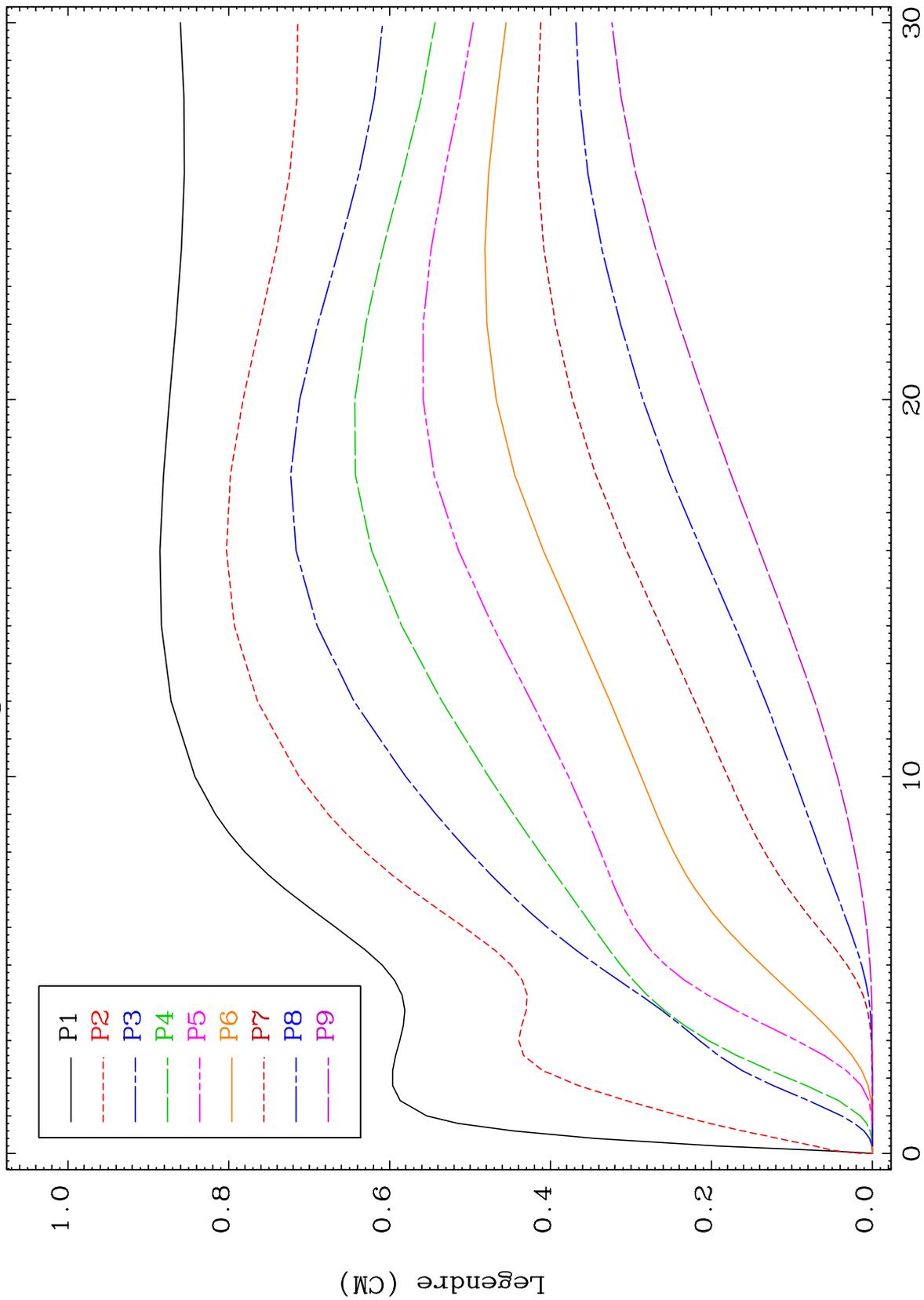
42-Mo-99



MAT 4246

Elastic Legendre Coefficients

42-Mo-99



16

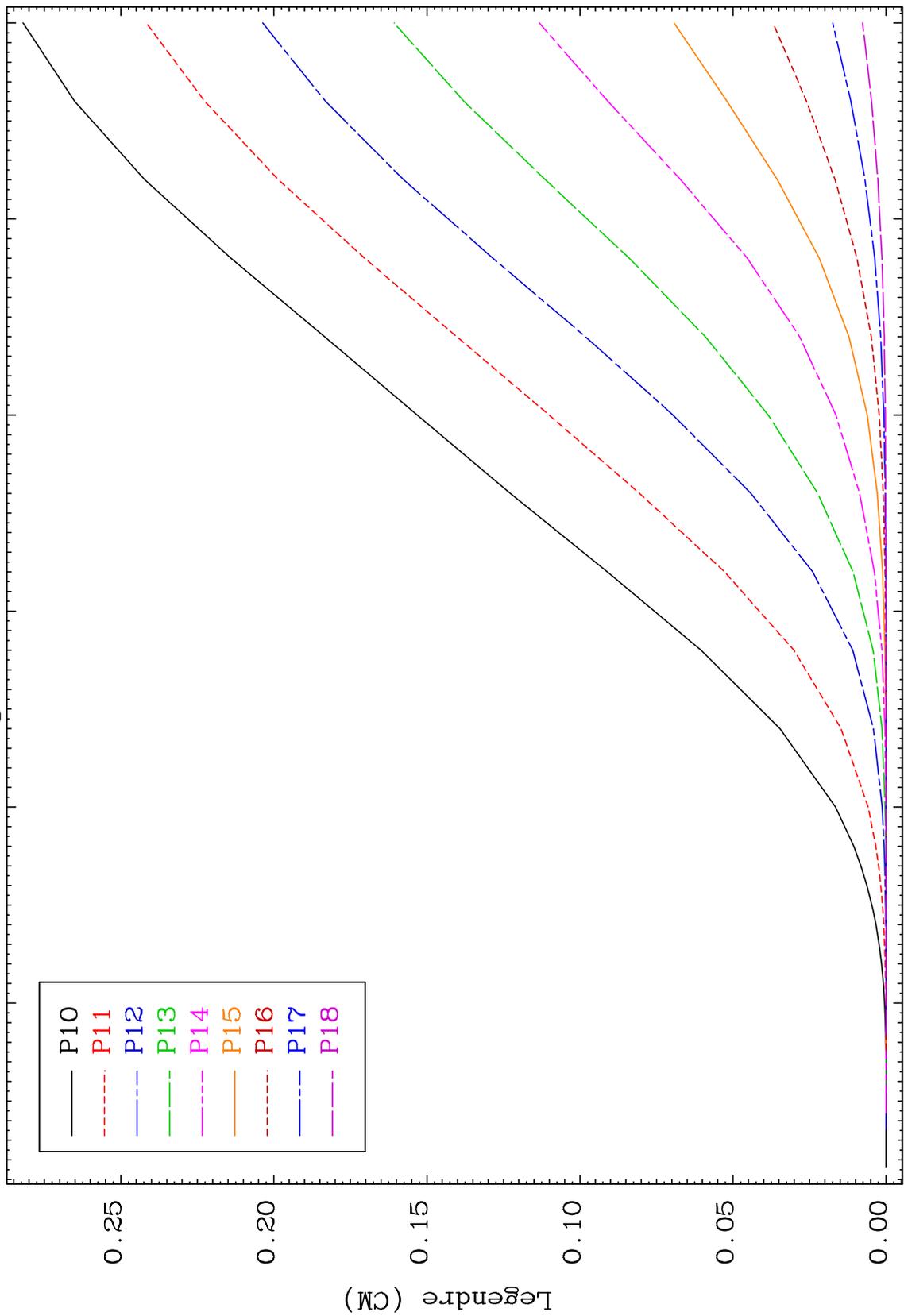
Incident Energy (MeV)

42-Mo-99

MAT 4246

Elastic
Legendre Coefficients

42-Mo-99



17

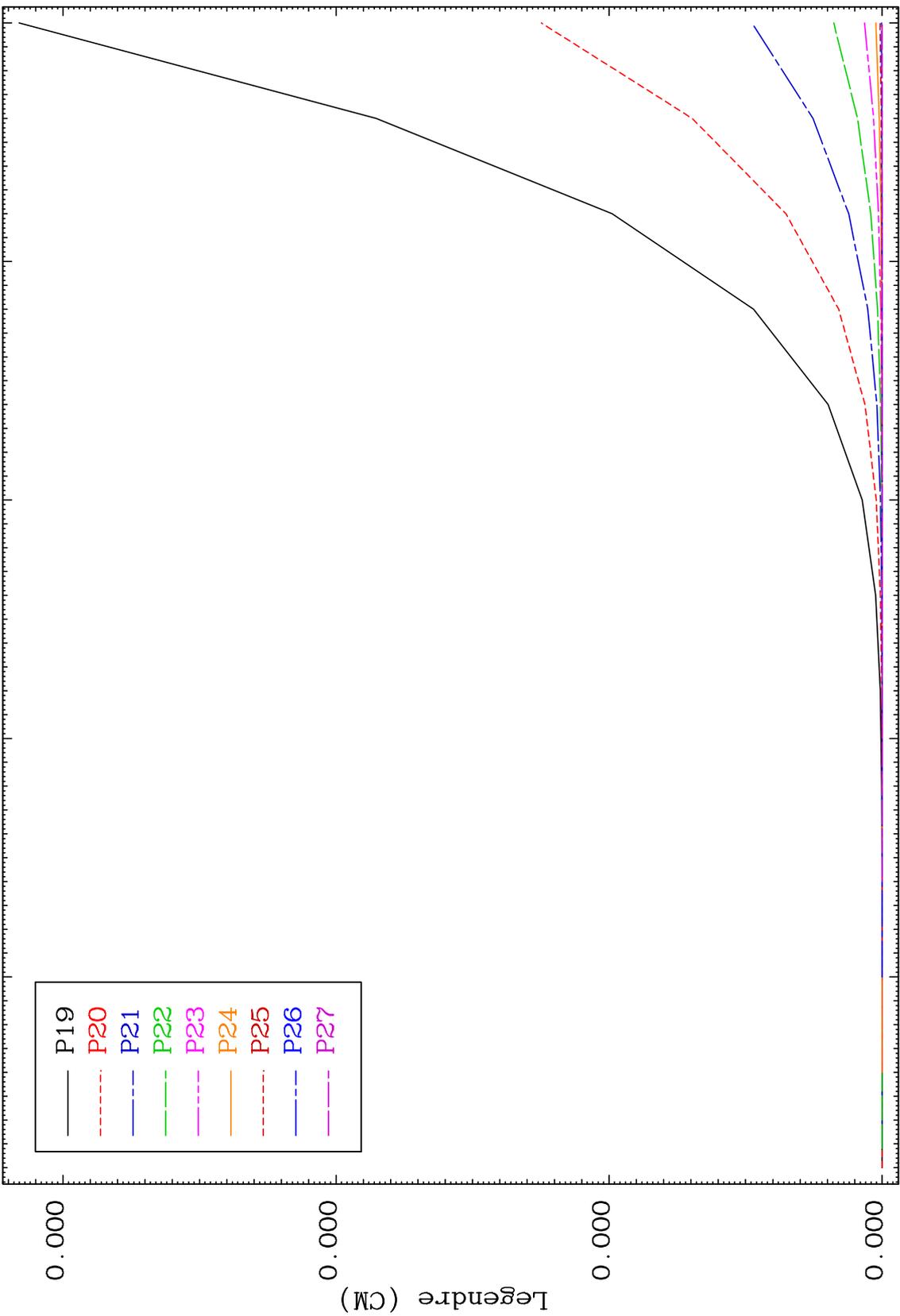
Incident Energy (MeV)

42-Mo-99

MAT 4246

Elastic Legendre Coefficients

42-Mo-99



18

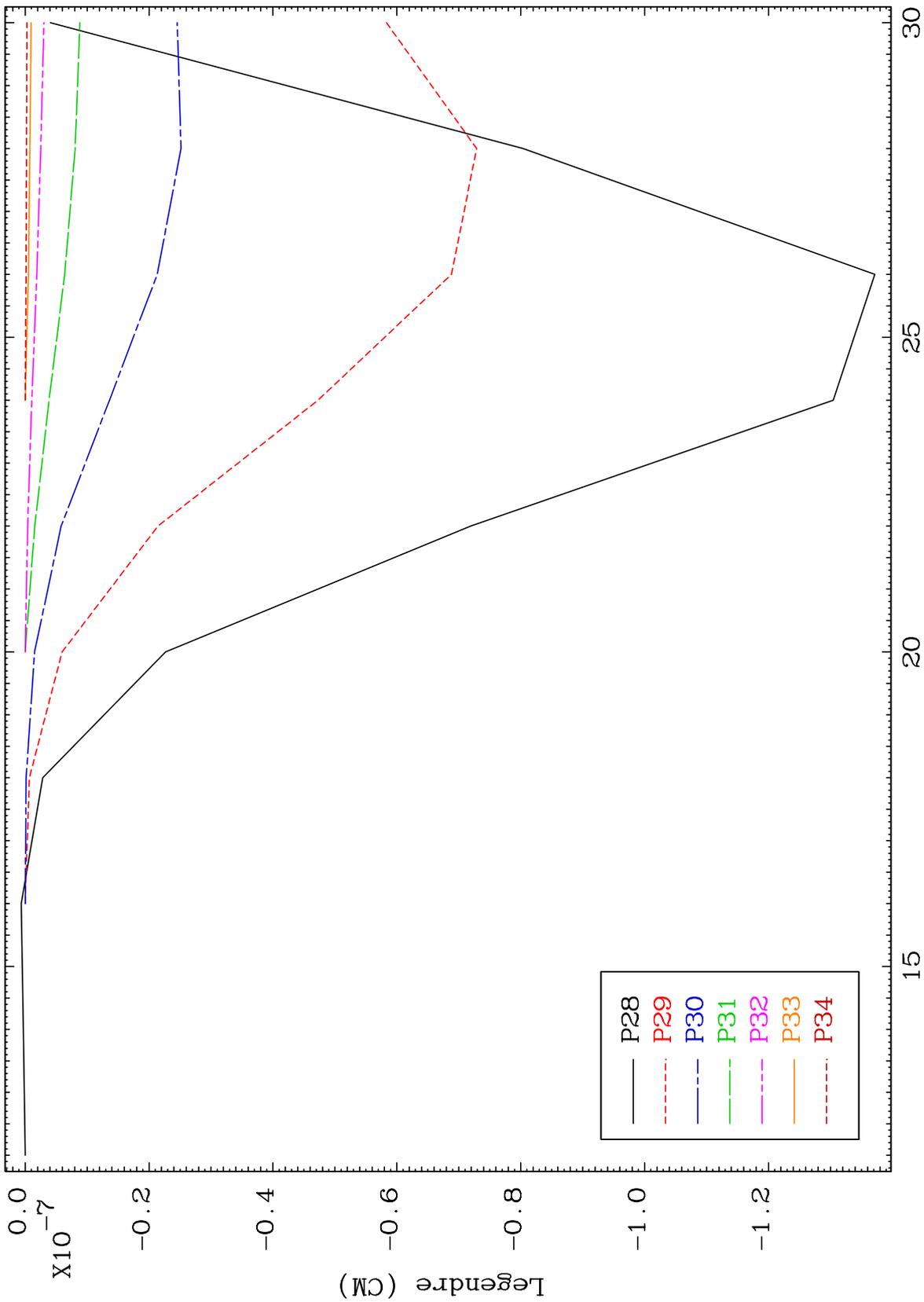
Incident Energy (MeV)

42-Mo-99

MAT 4246

42-Mo-99

Elastic Legendre Coefficients



19

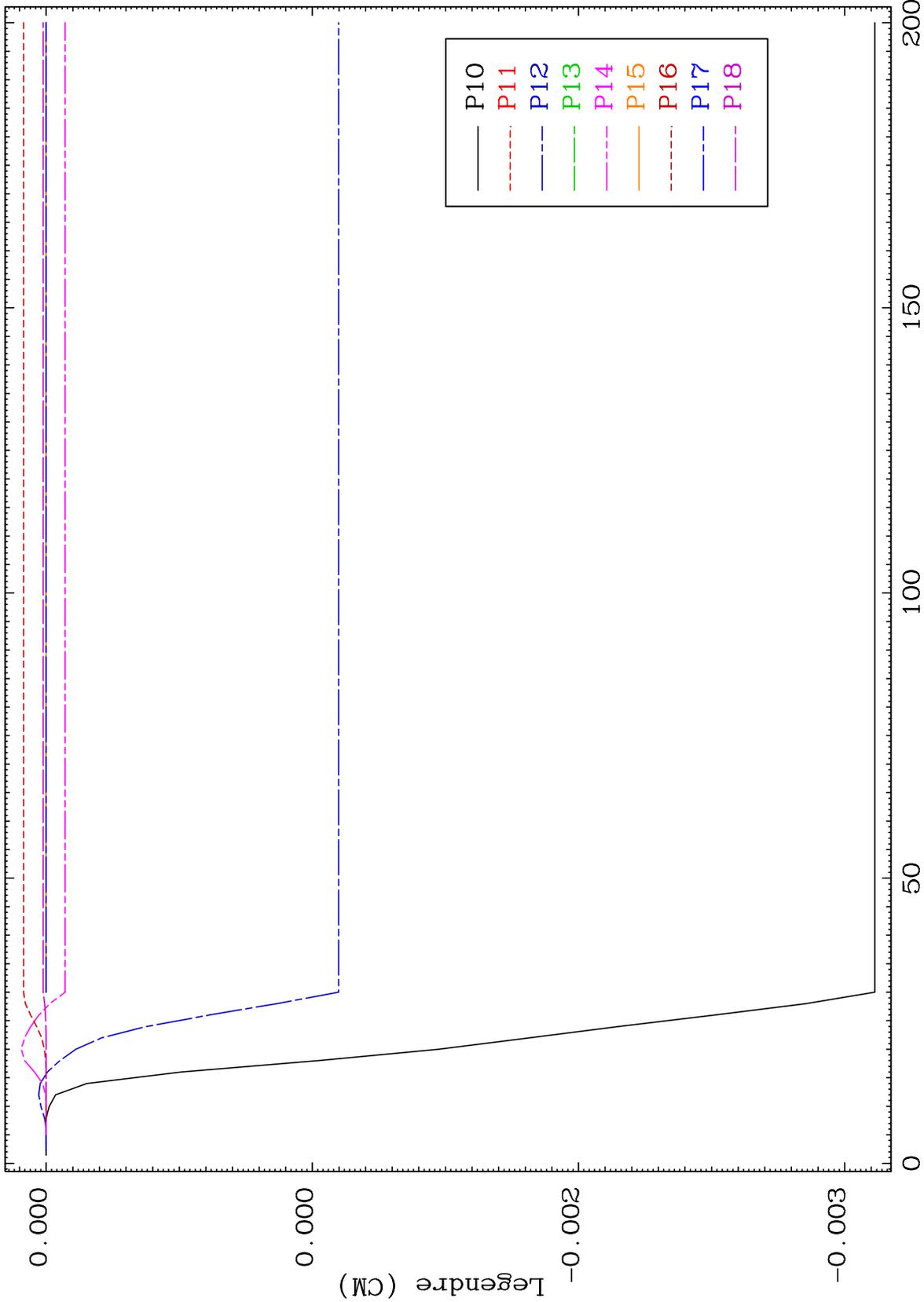
Incident Energy (MeV)

42-Mo-99

MAT 4246

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

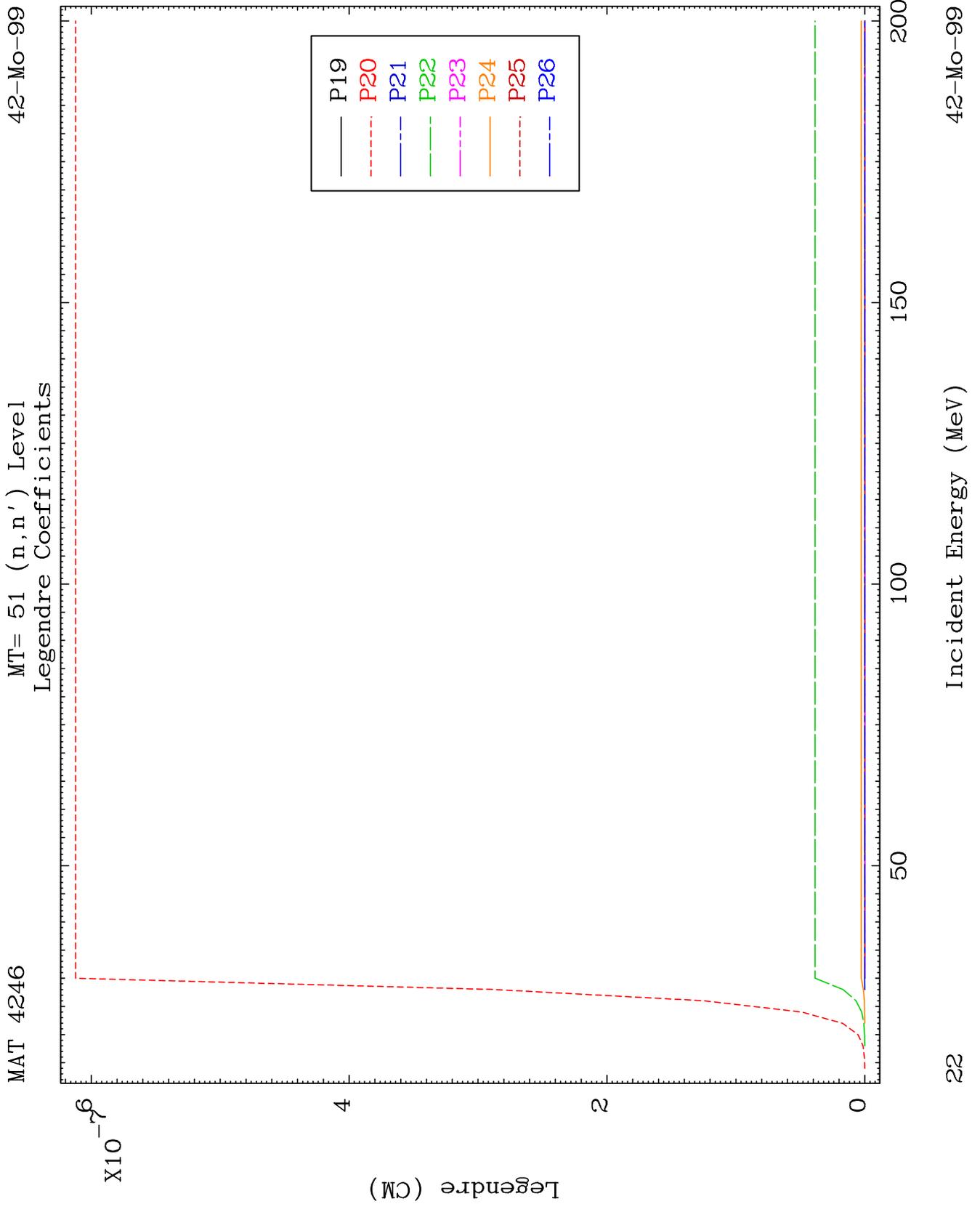
42-Mo-99



21

Incident Energy (MeV)

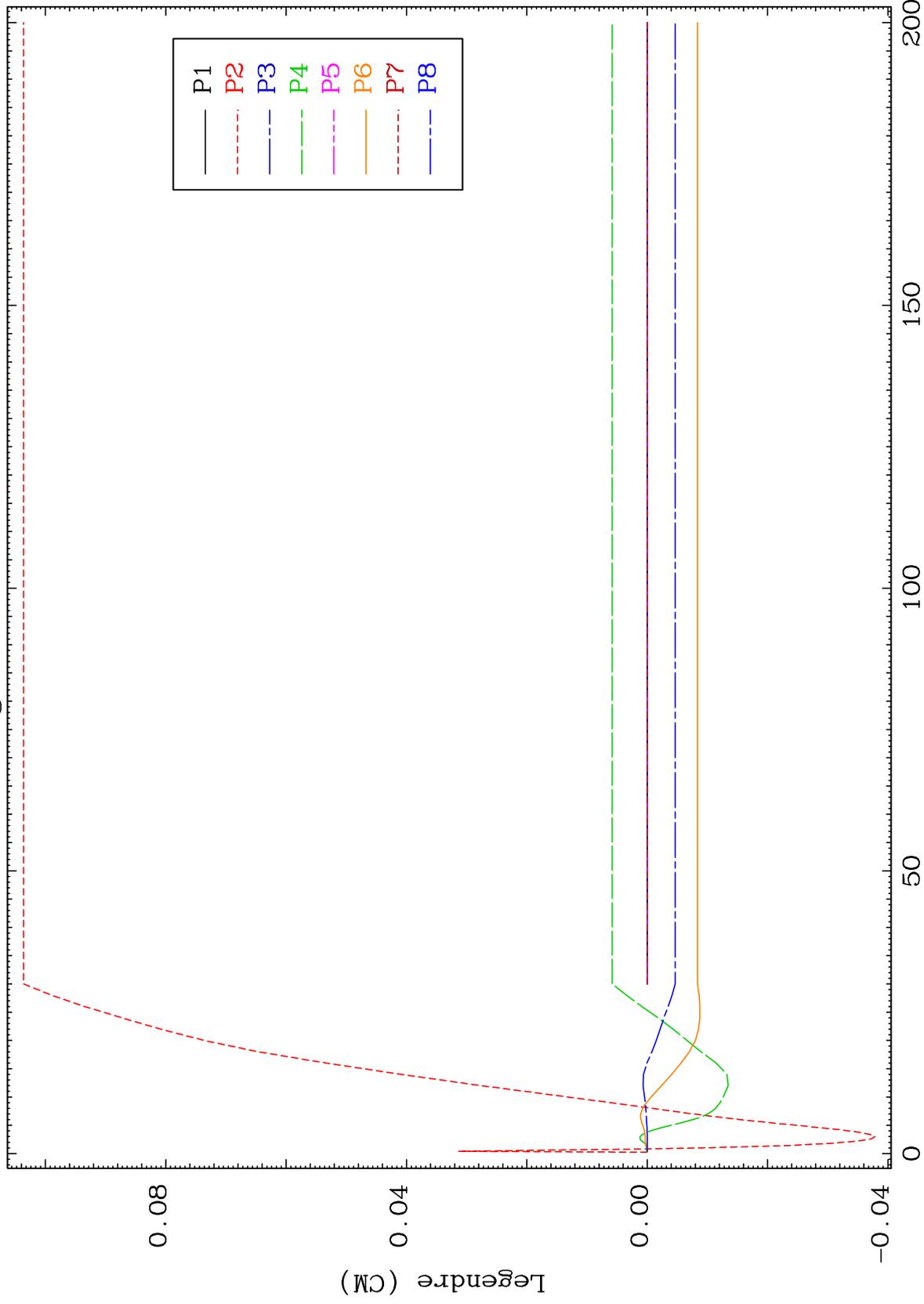
42-Mo-99



MAT 4246

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

42-Mo-99



23

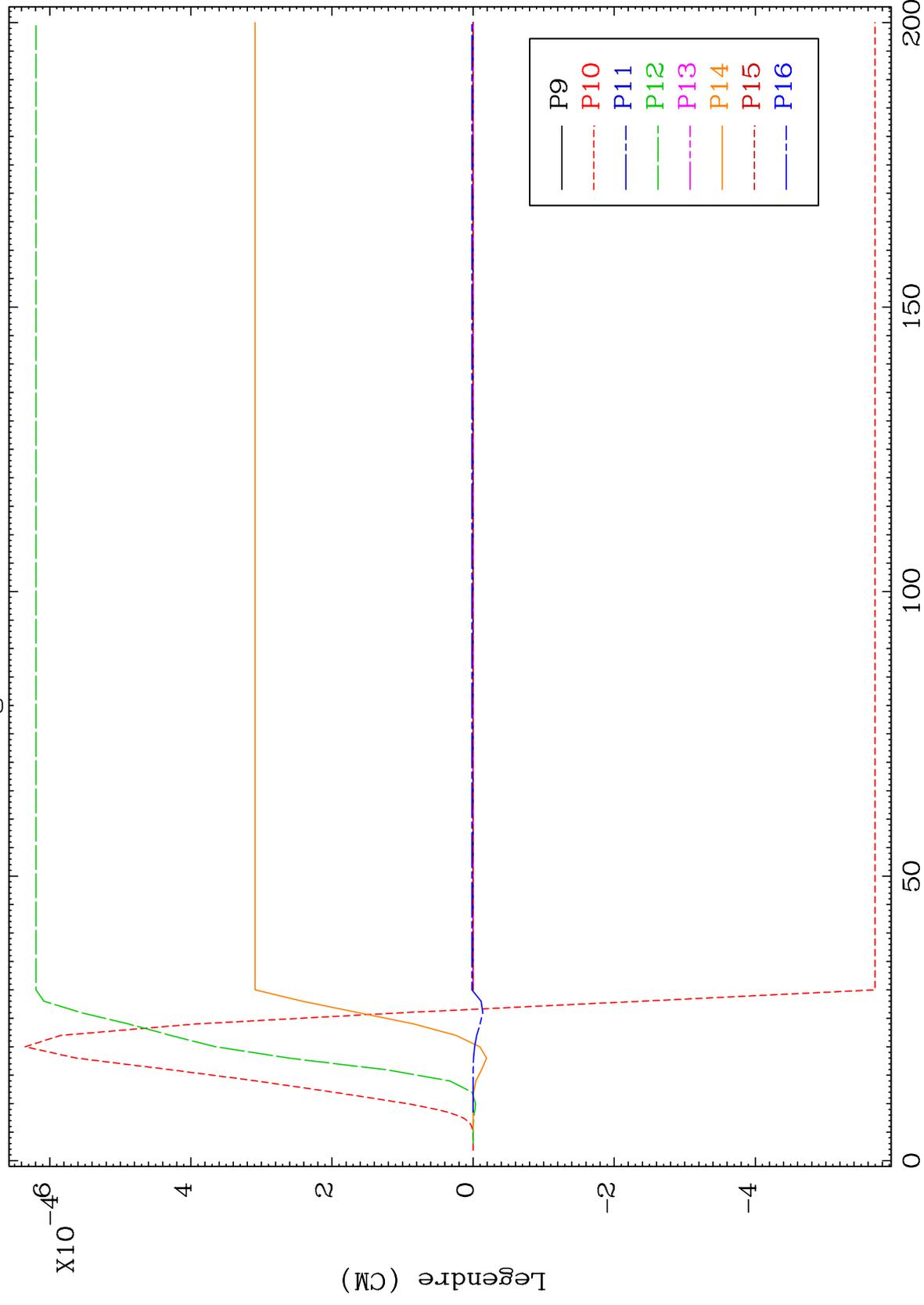
Incident Energy (MeV)

42-Mo-99

MAT 4246

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

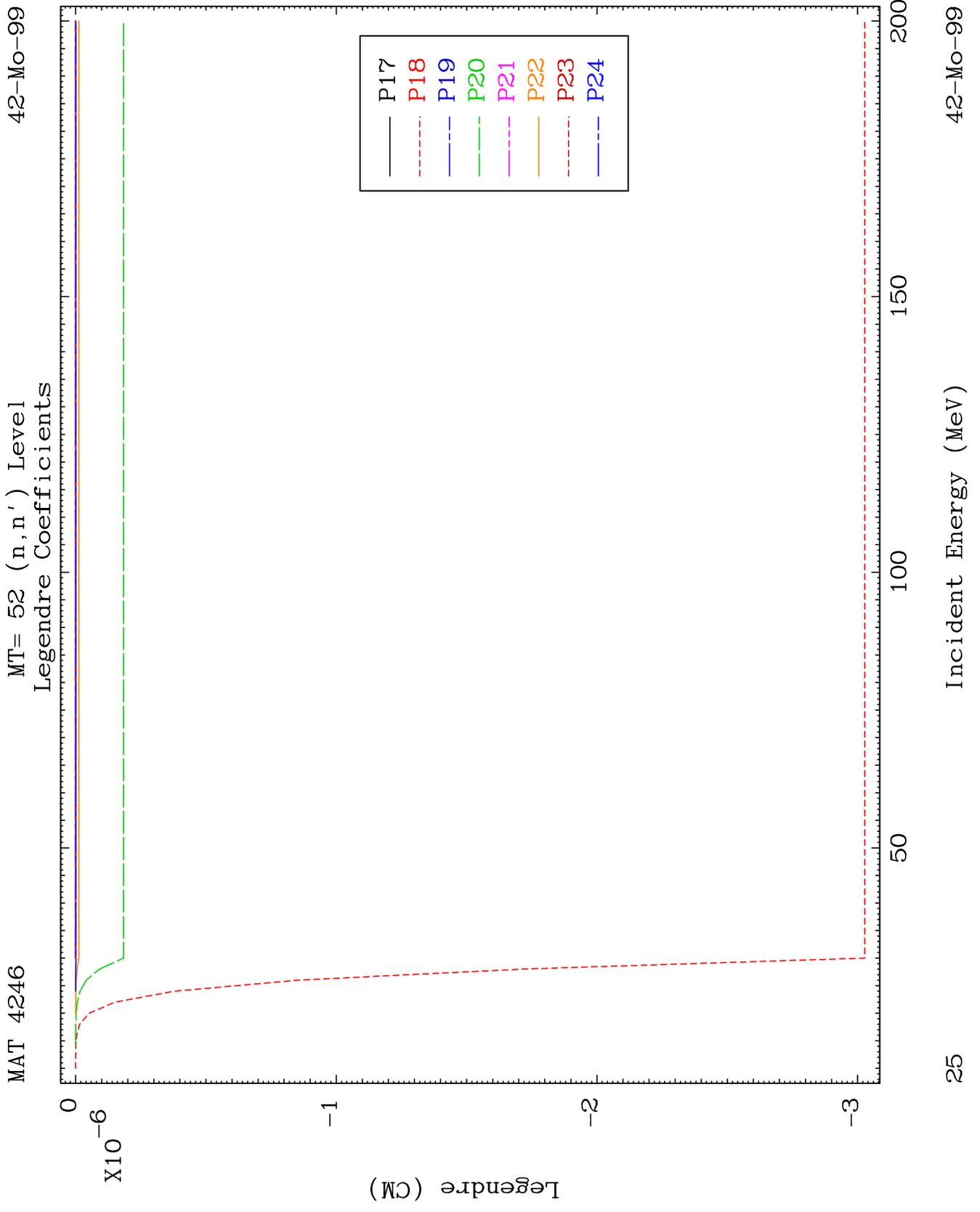
42-Mo-99



24

Incident Energy (MeV)

42-Mo-99

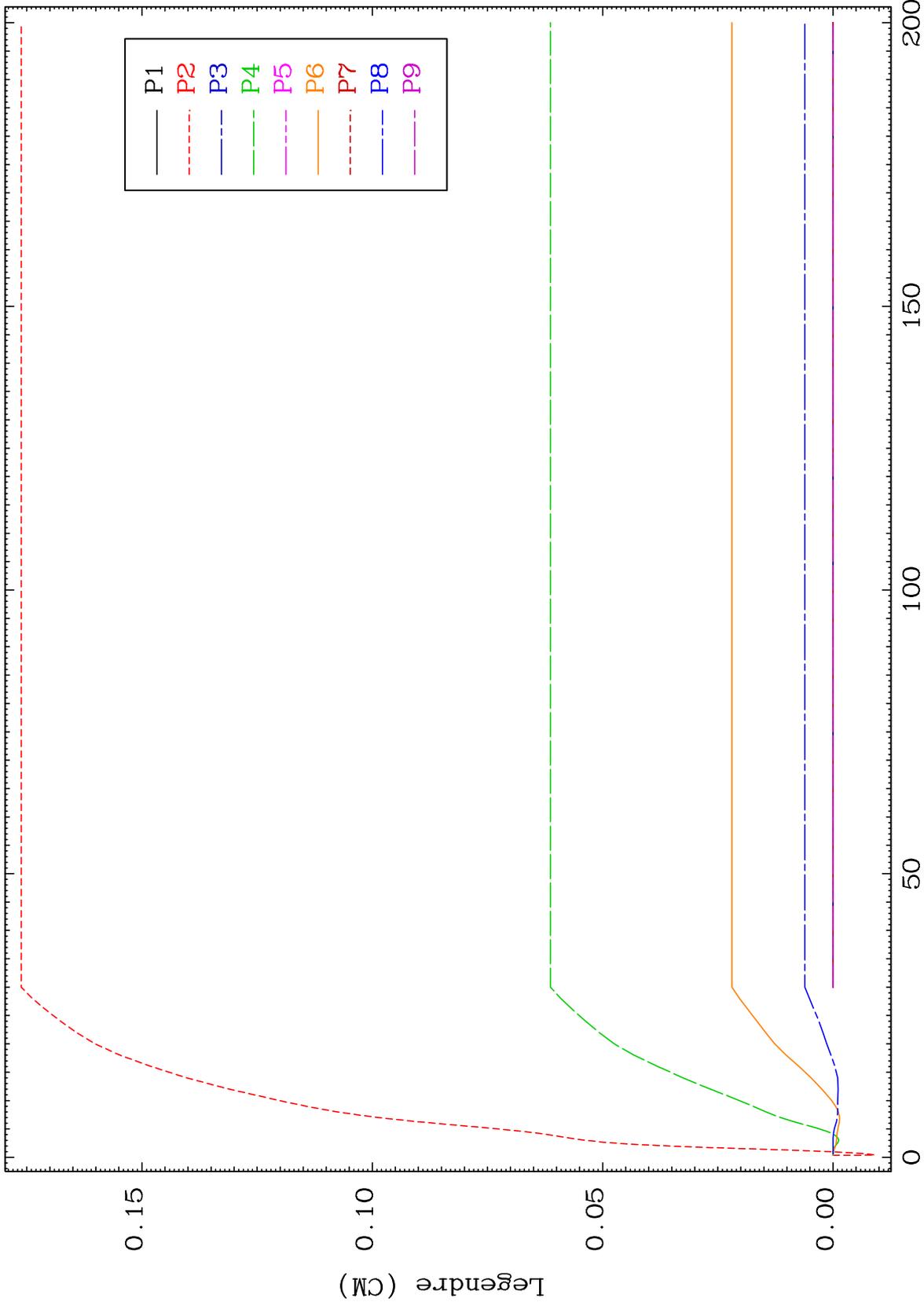


MAT 4246

MT= 53 (n,n') Level

42-Mo-99

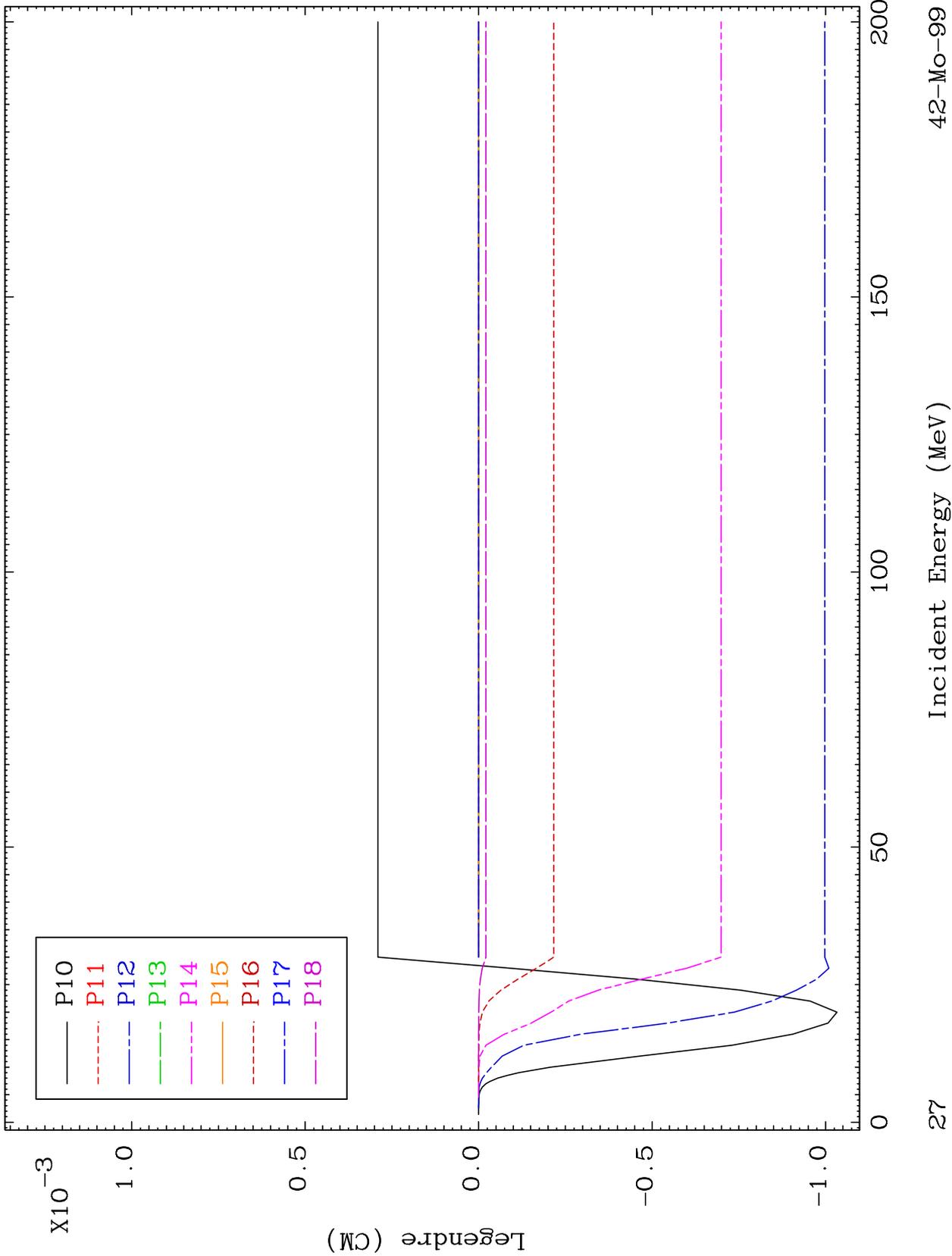
Legendre Coefficients



26

Incident Energy (MeV)

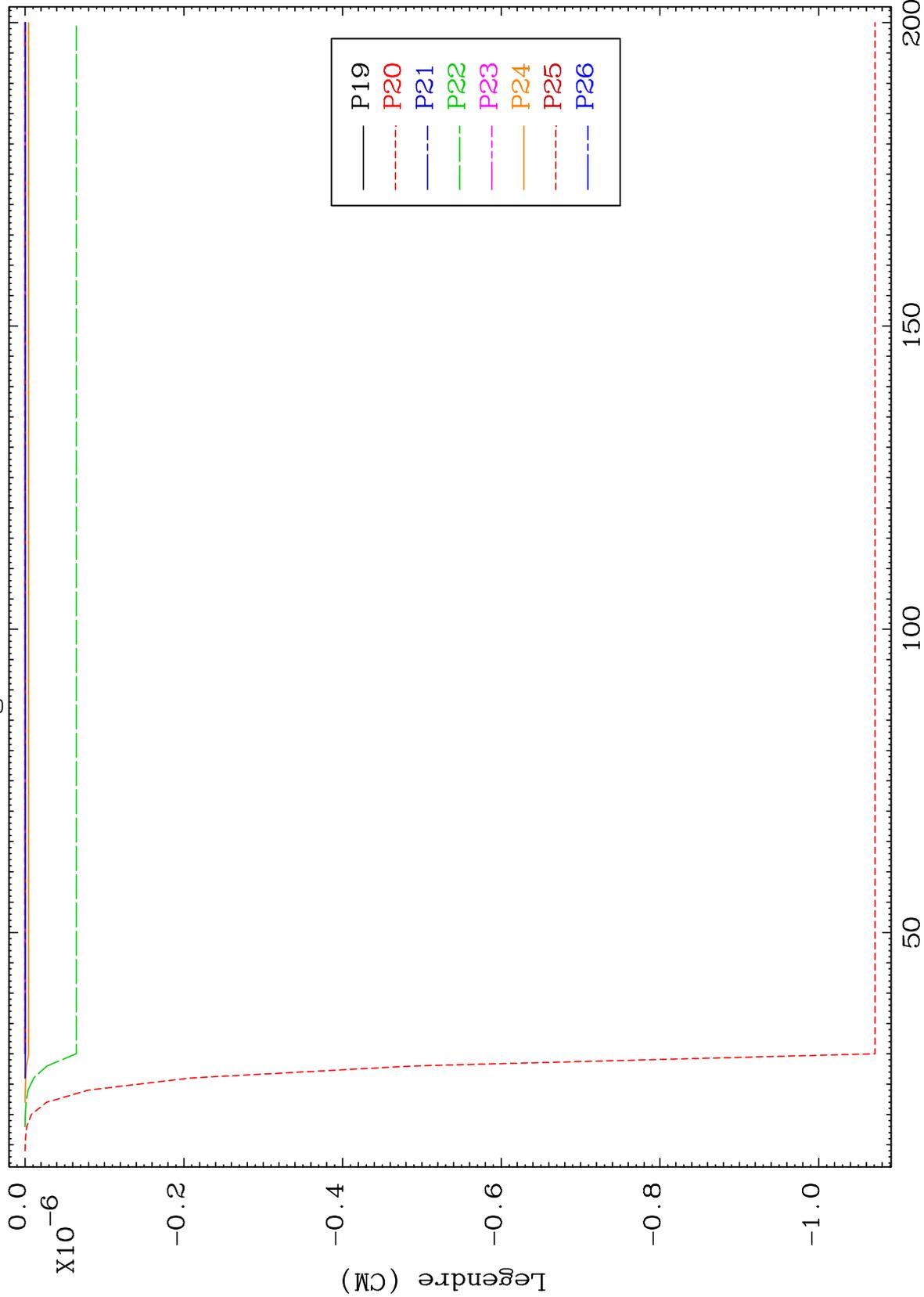
42-Mo-99



MAT 4246

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

42-Mo-99



28

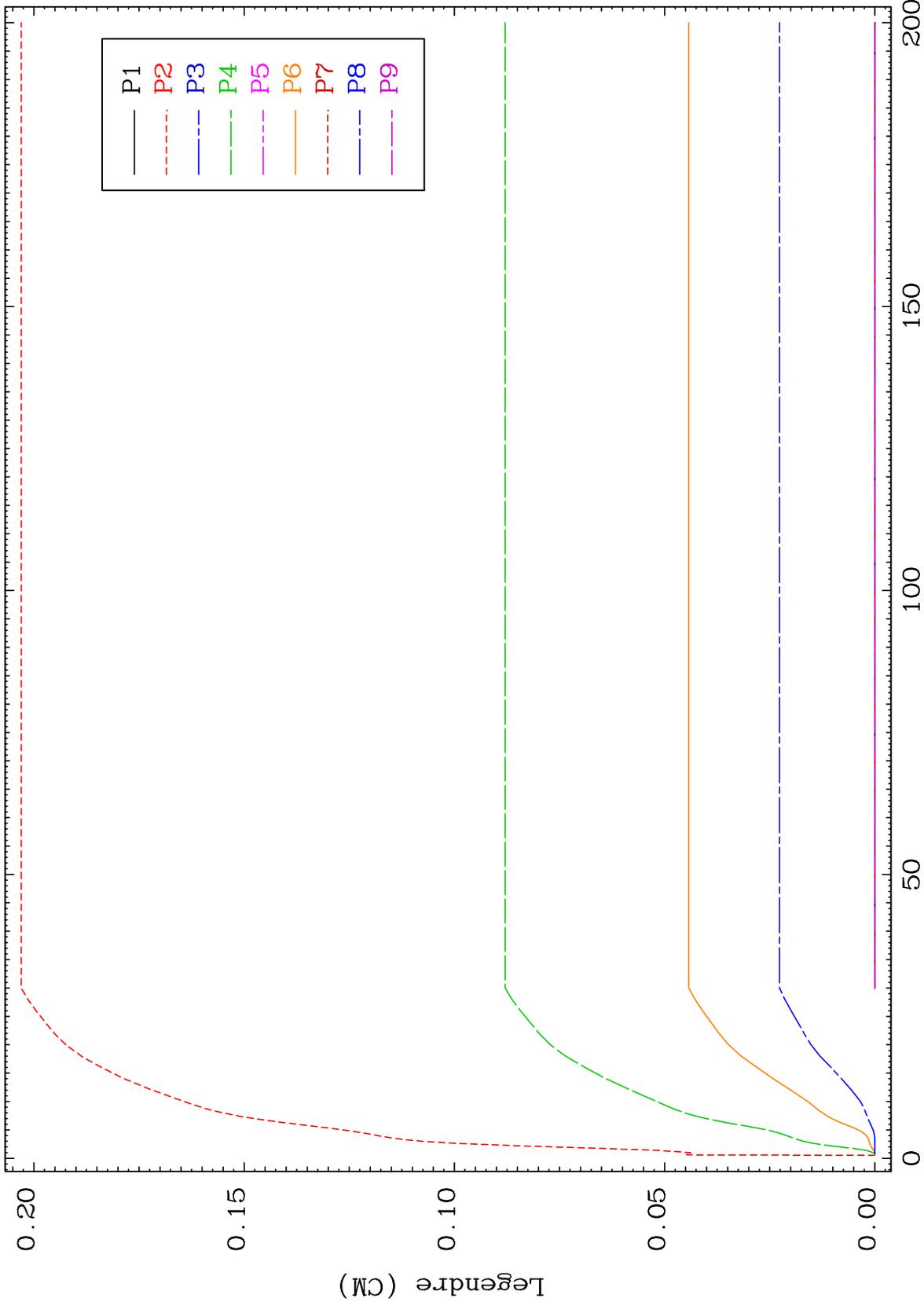
Incident Energy (MeV)

42-Mo-99

MAT 4246

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

42-Mo-99



29

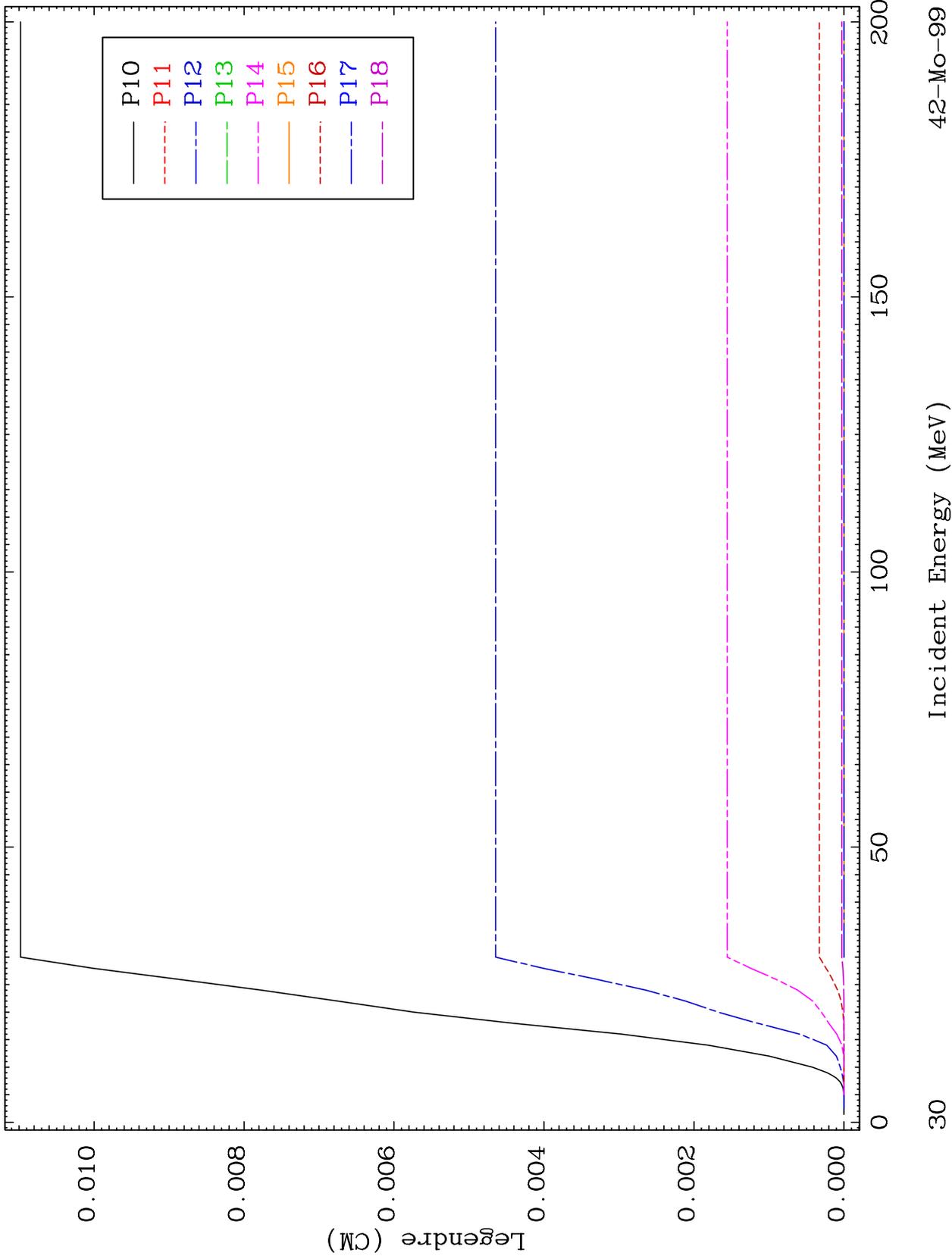
Incident Energy (MeV)

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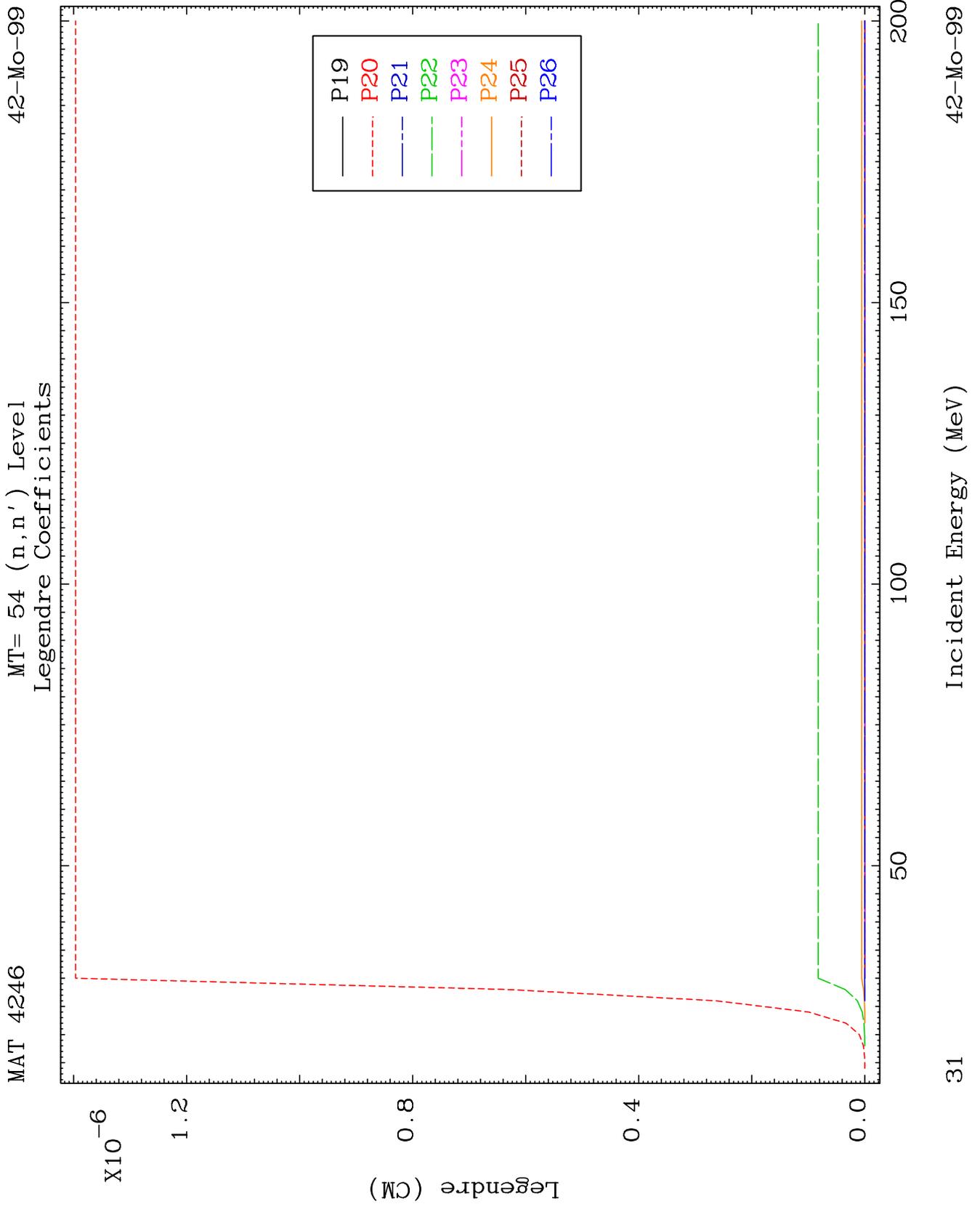
MAT 4246

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

42-Mo-99



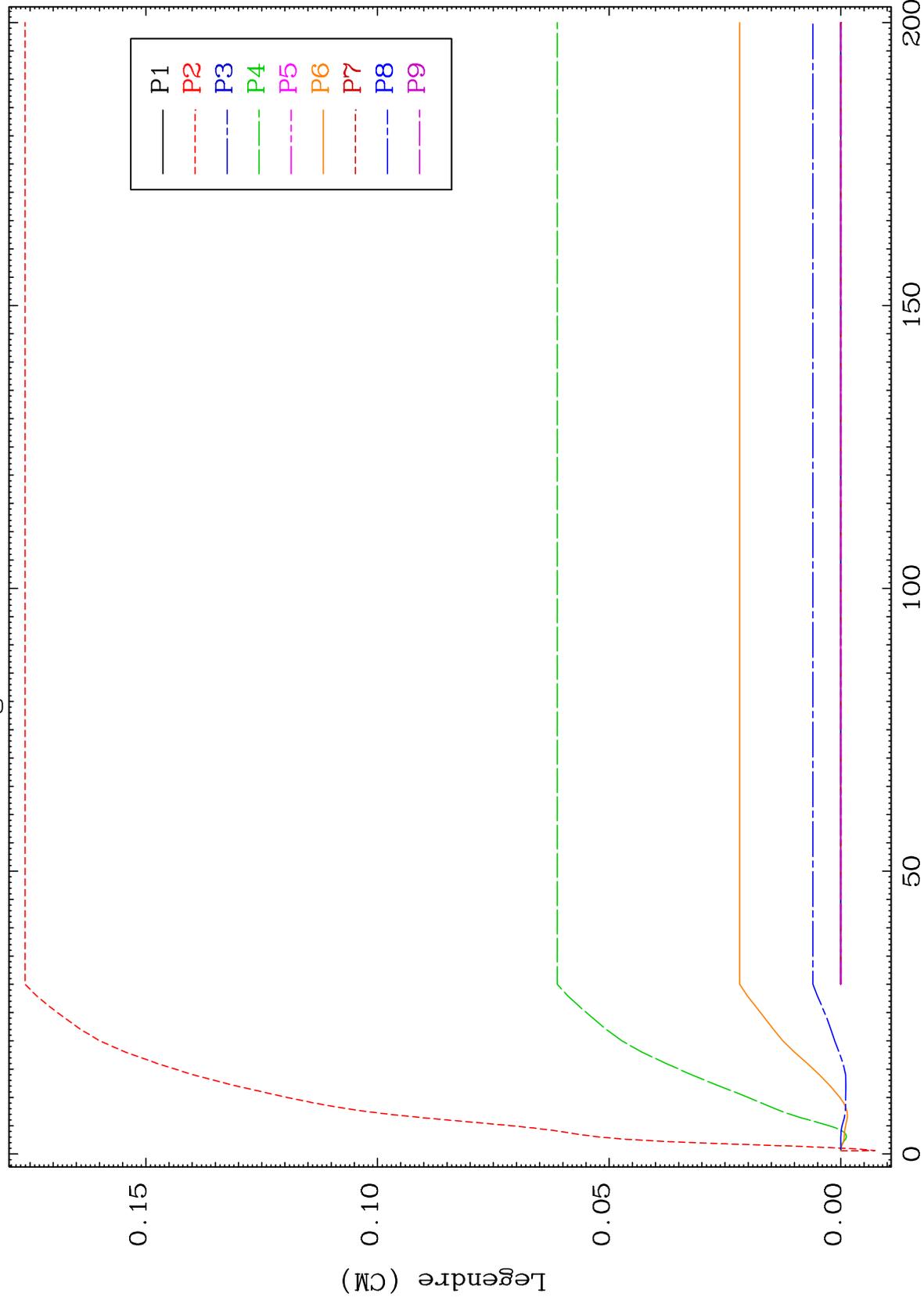
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MAT 4246

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

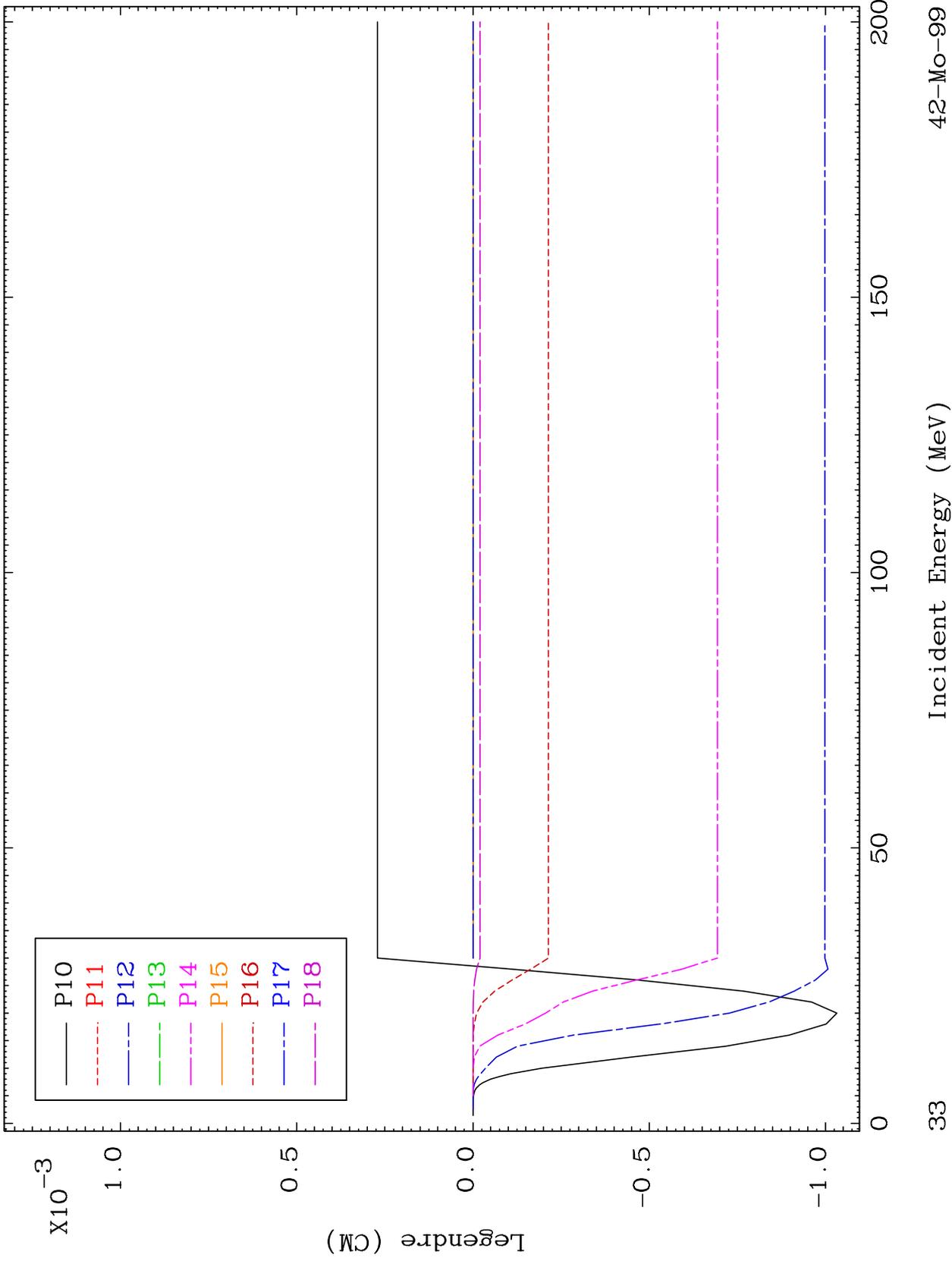
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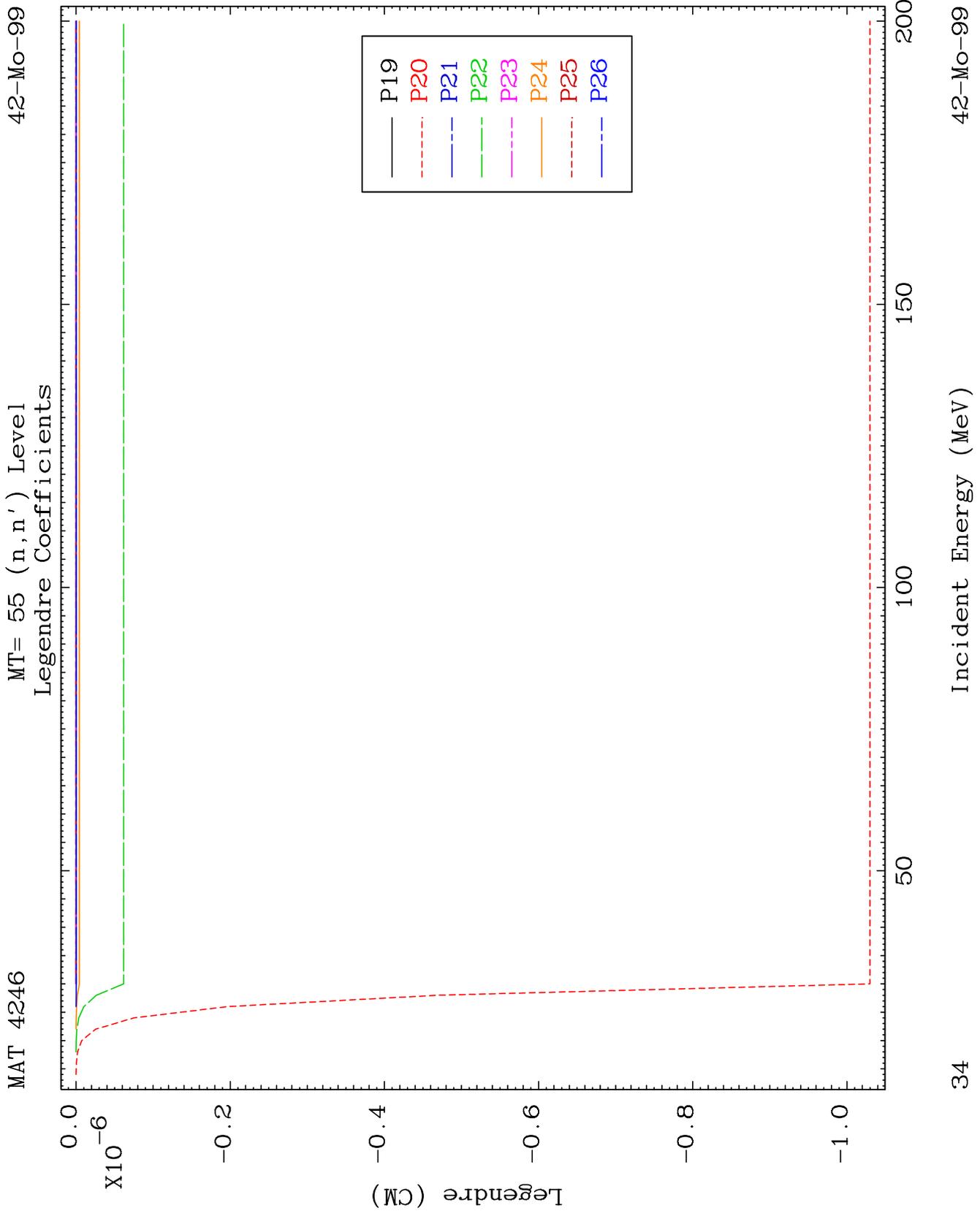


32

Incident Energy (MeV)

42-Mo-99

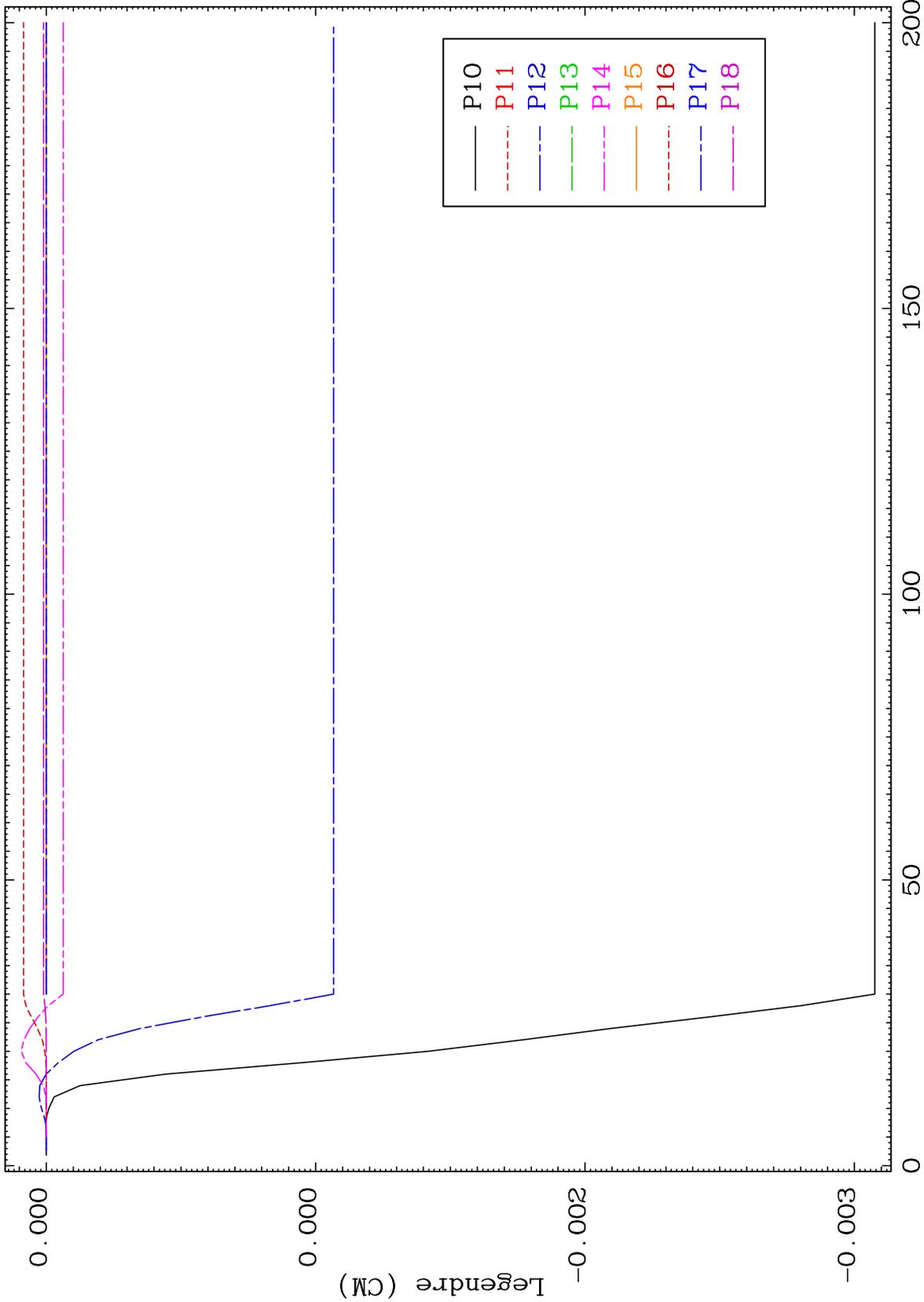




MAT 4246

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

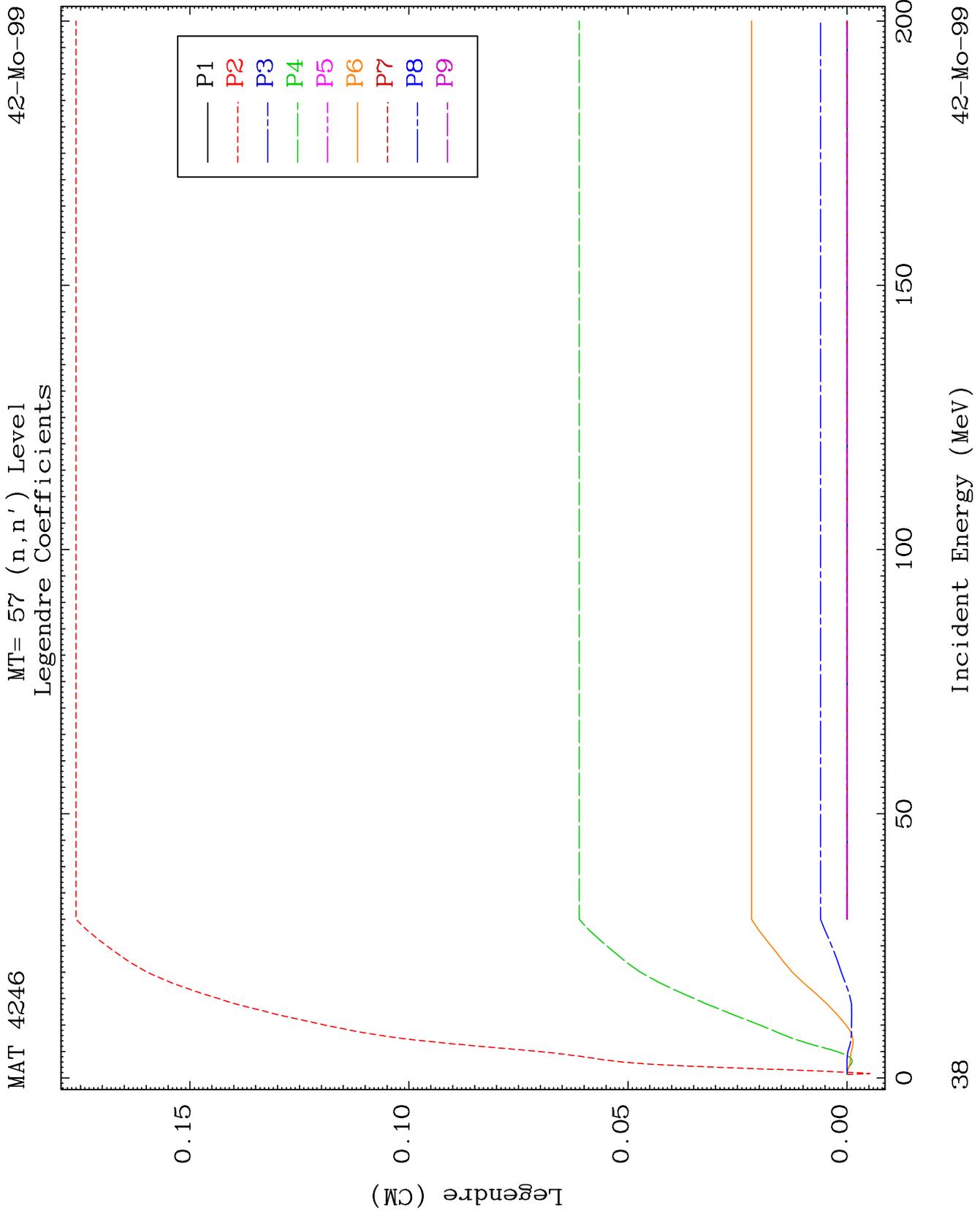
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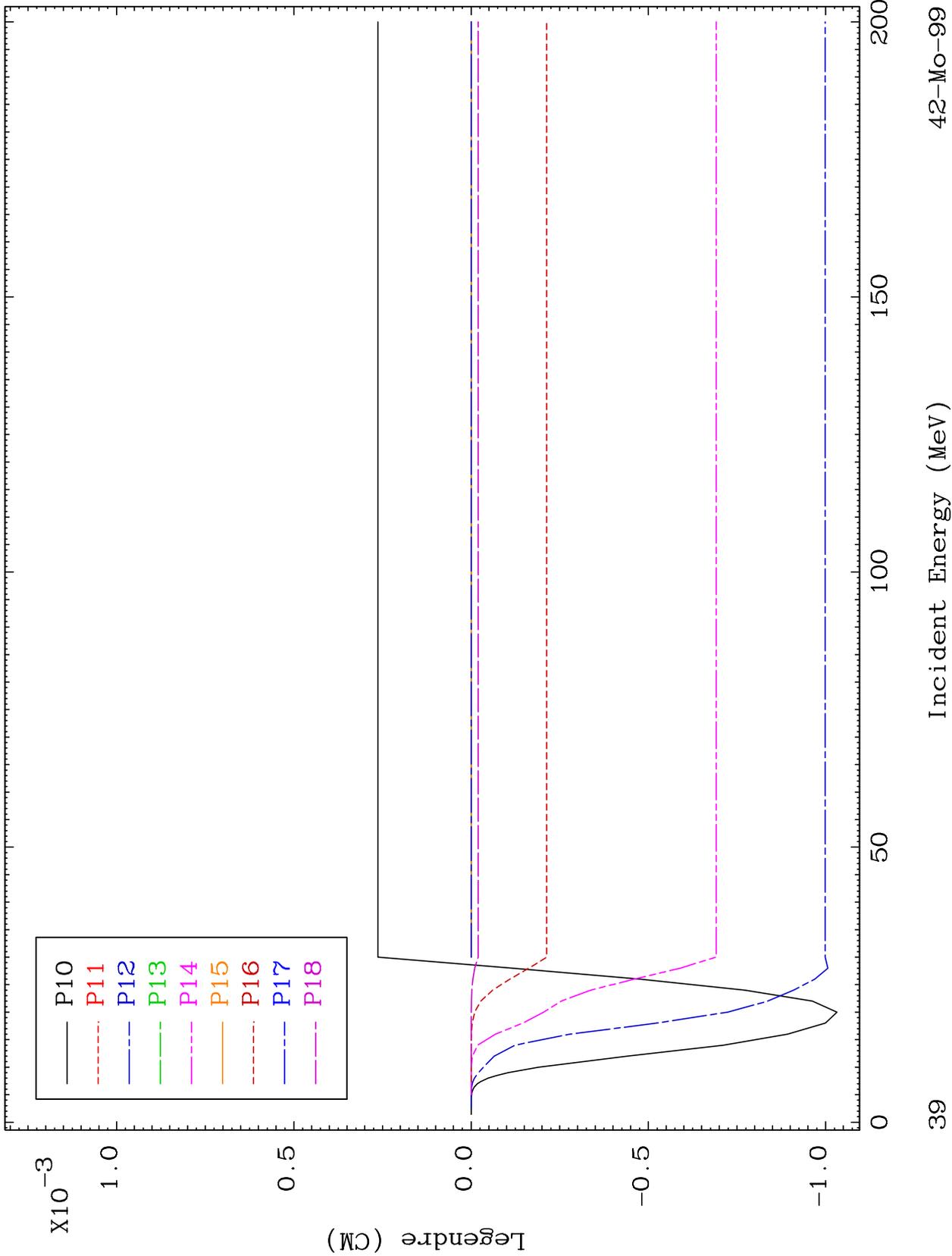


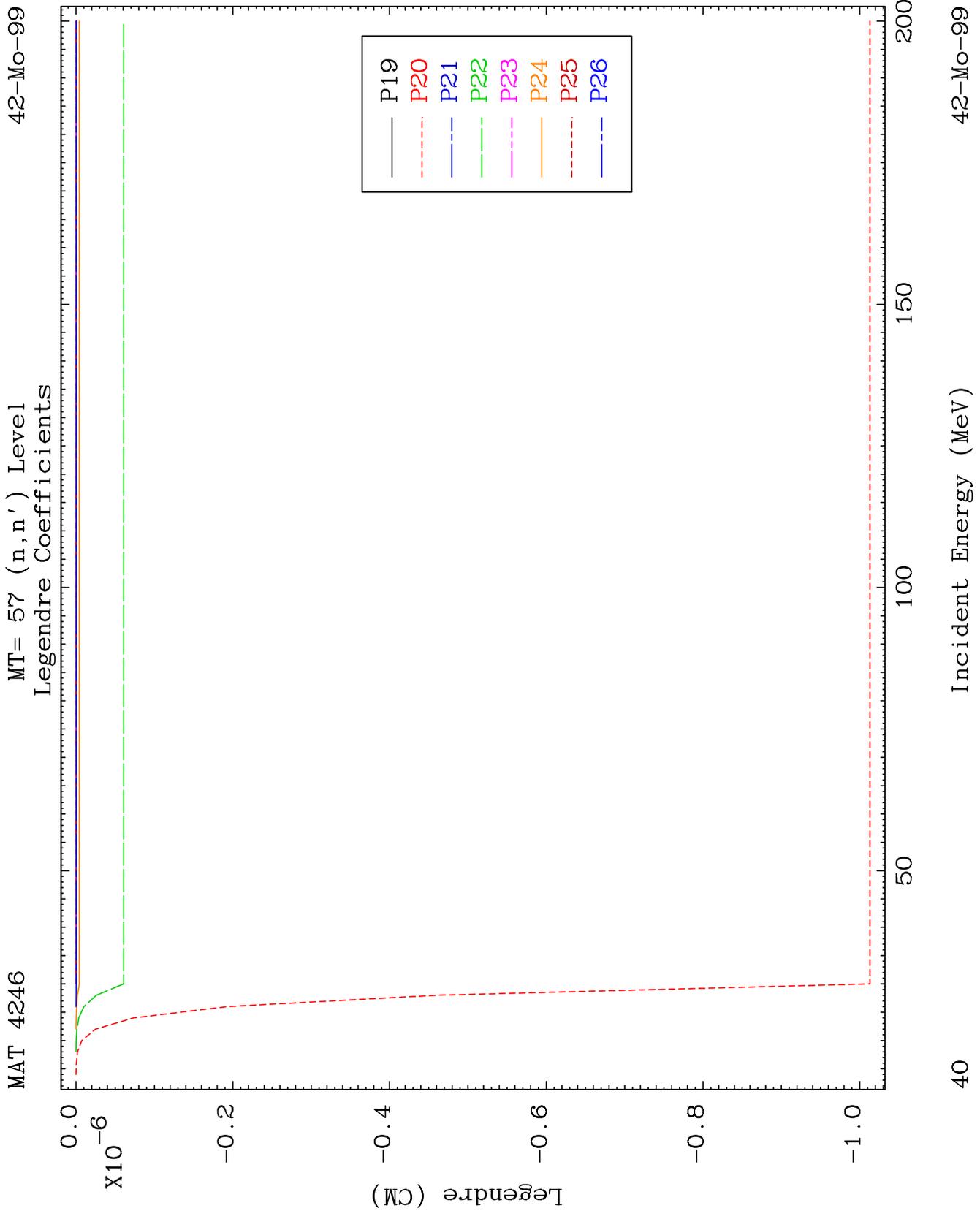
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Incident Energy (MeV)

42-Mo-99



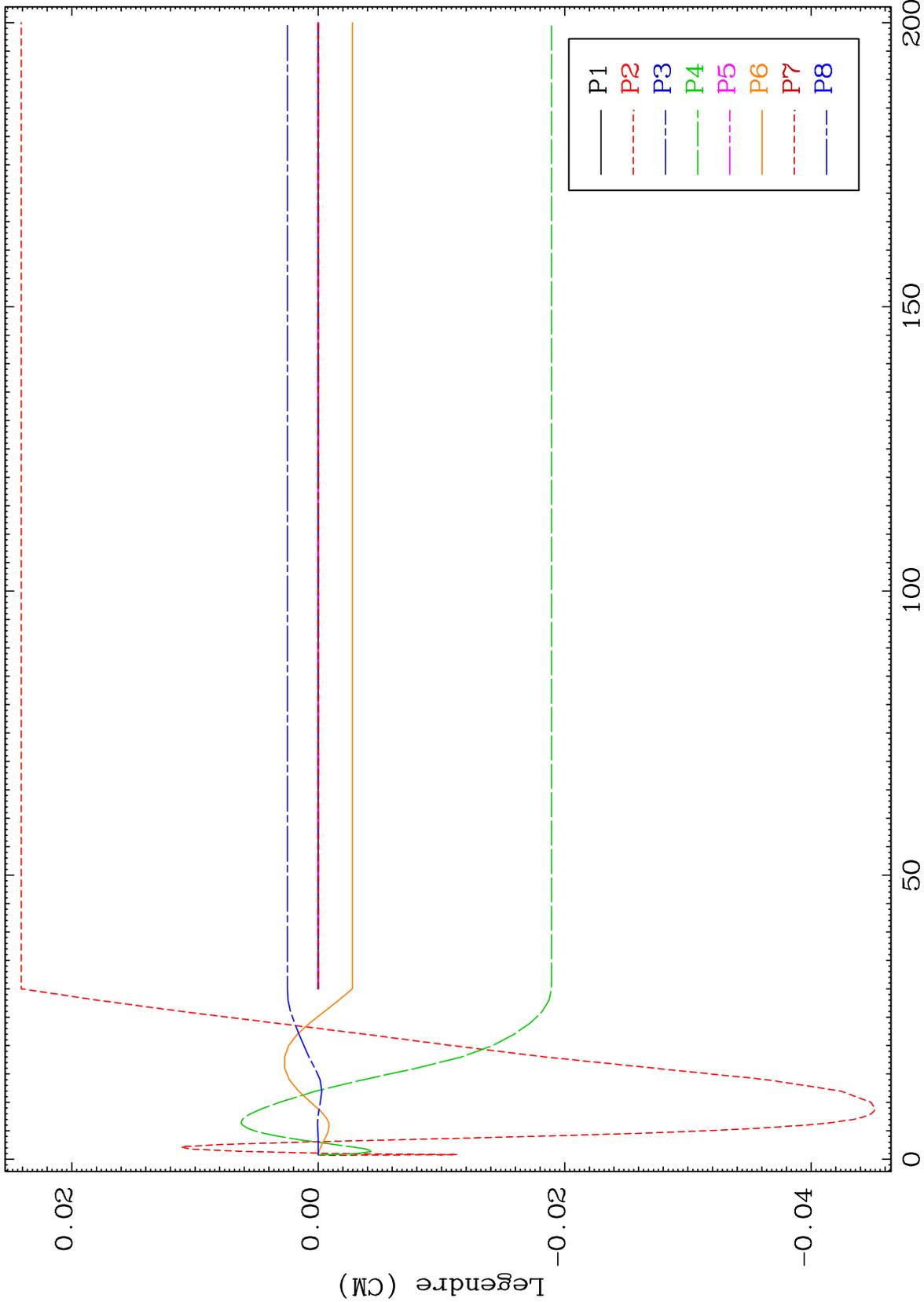




MAT 4246

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

42-Mo-99



41

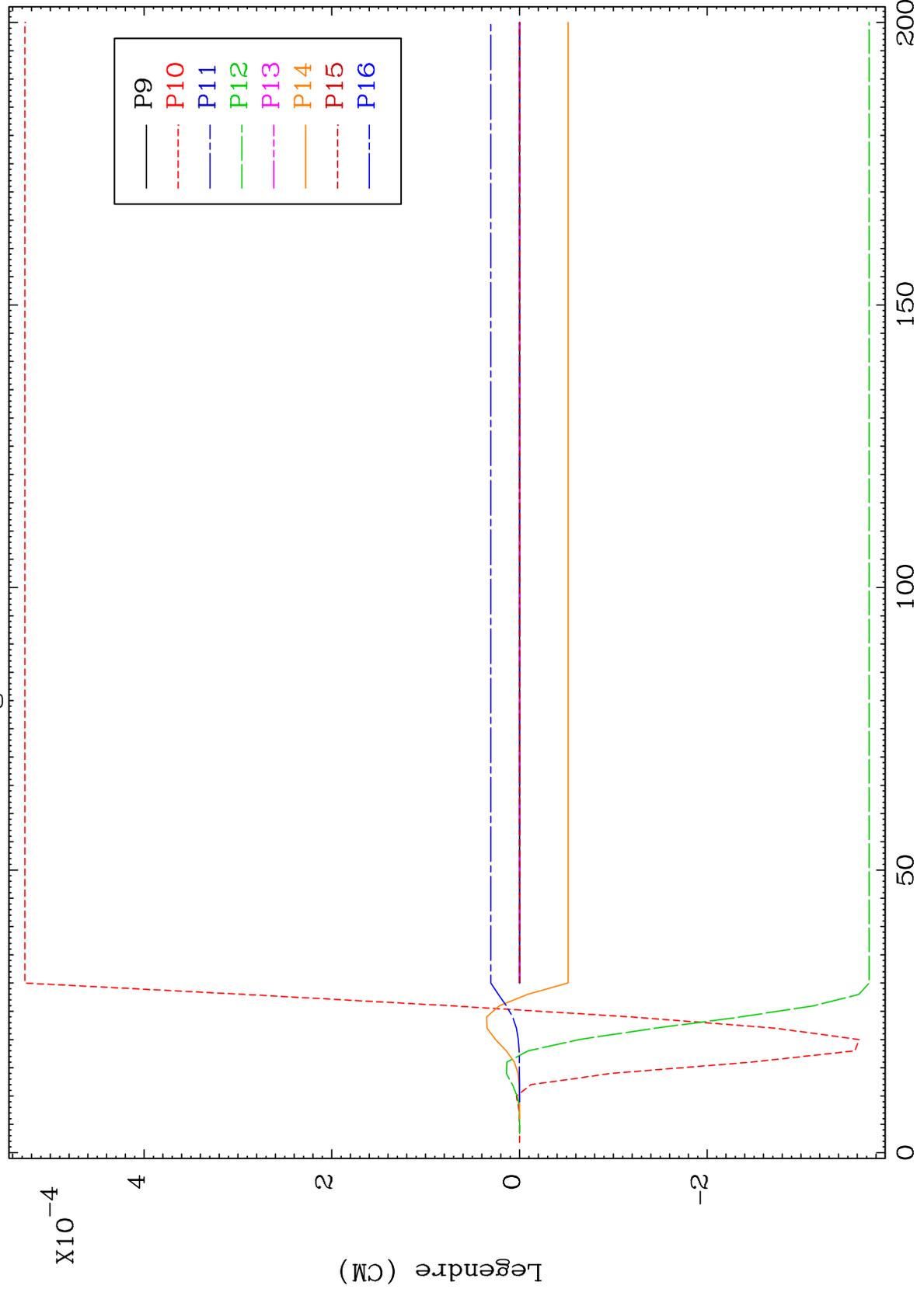
Incident Energy (MeV)

42-Mo-99

MAT 4246

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

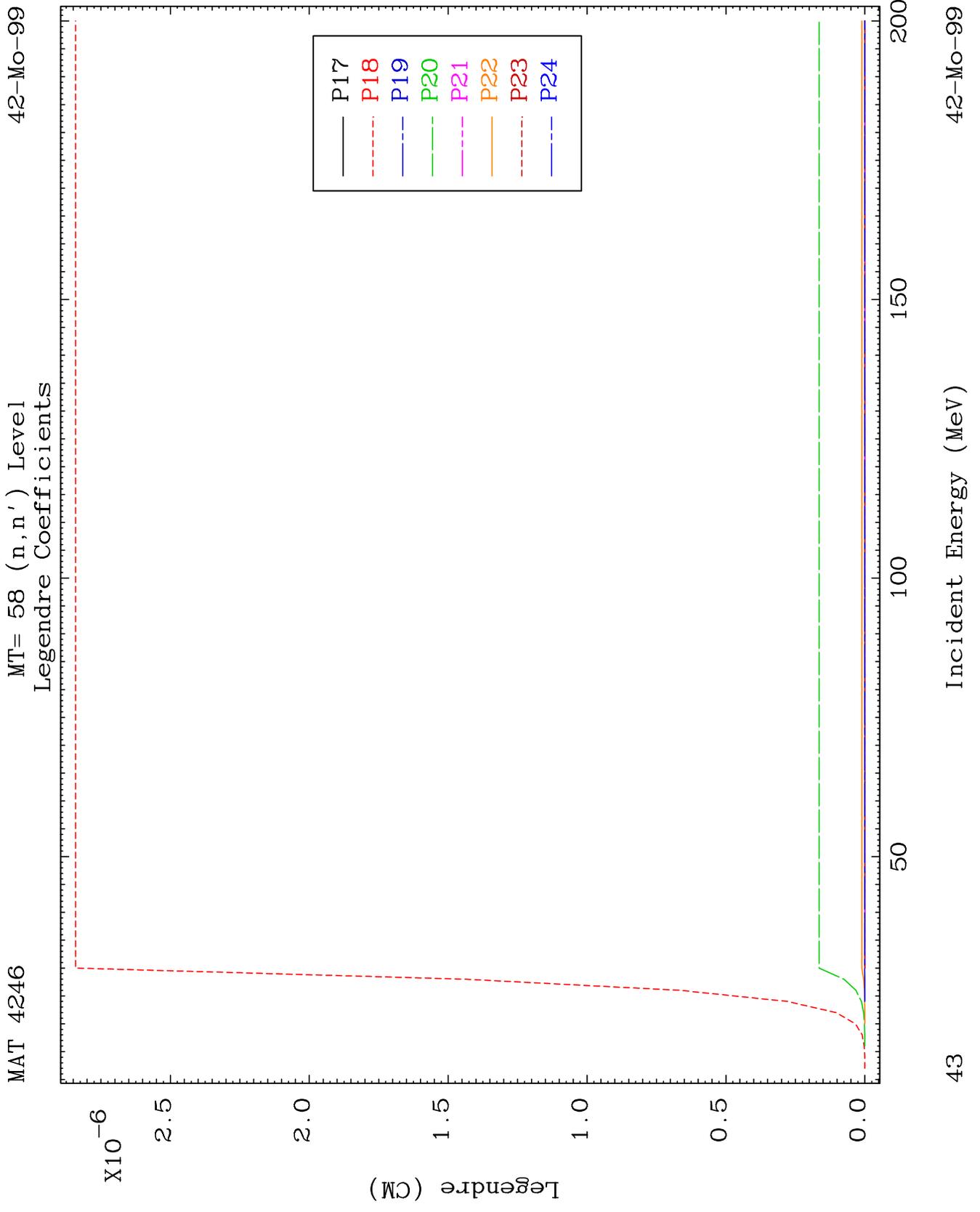
42-Mo-99



42

Incident Energy (MeV)

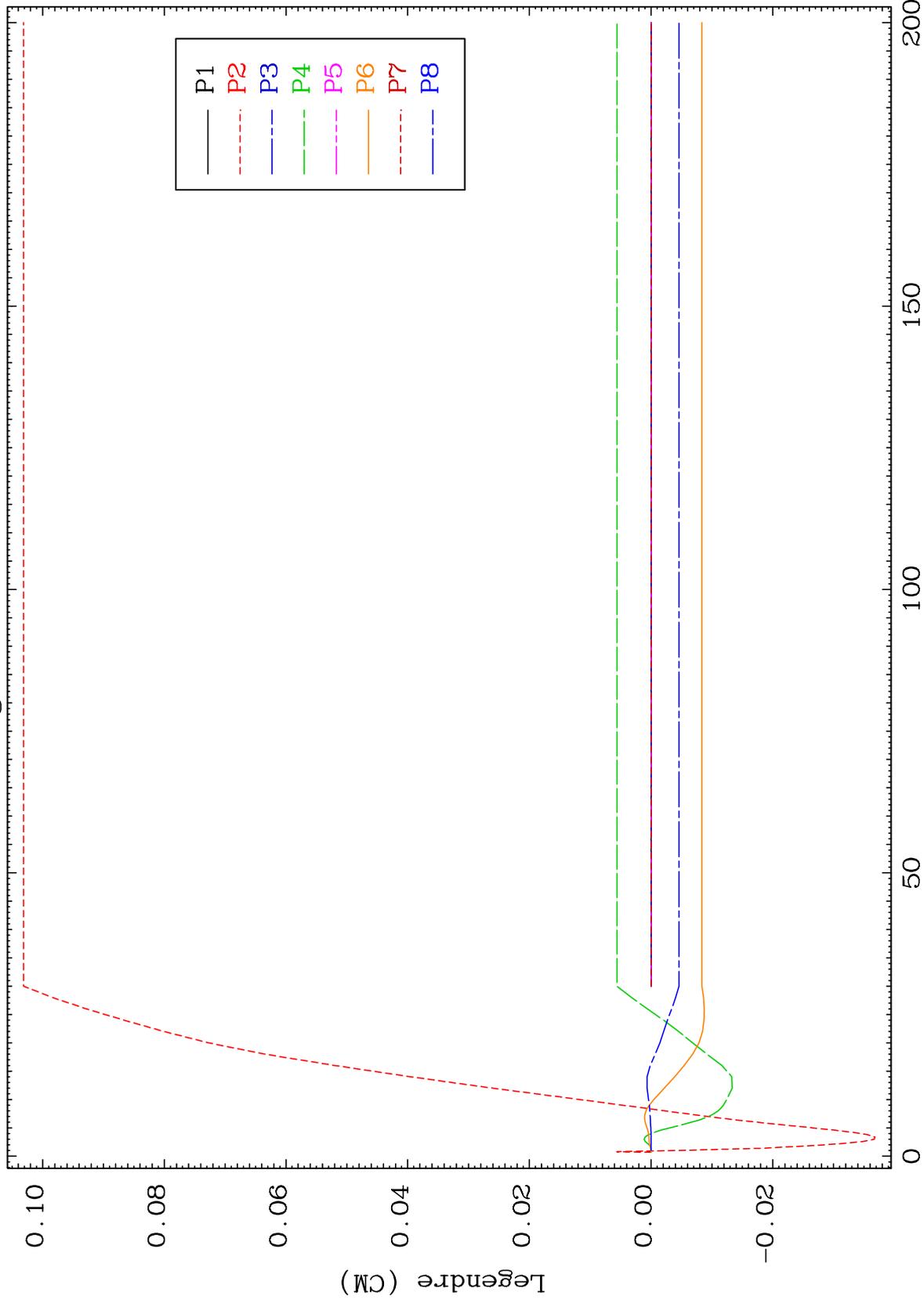
42-Mo-99



MAT 4246

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

42-Mo-99



44

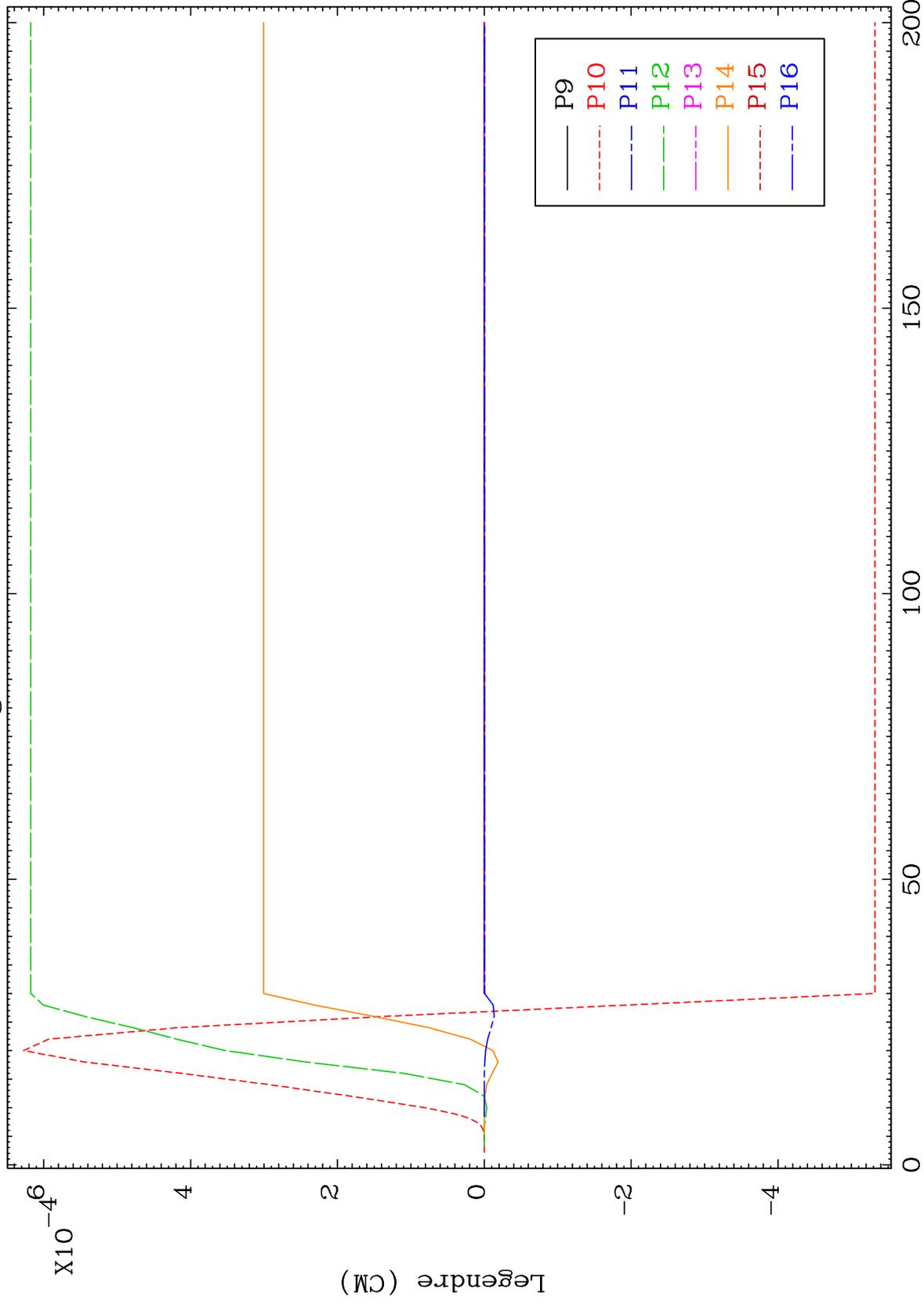
Incident Energy (MeV)

42-Mo-99

MAT 4246

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

42-Mo-99



45

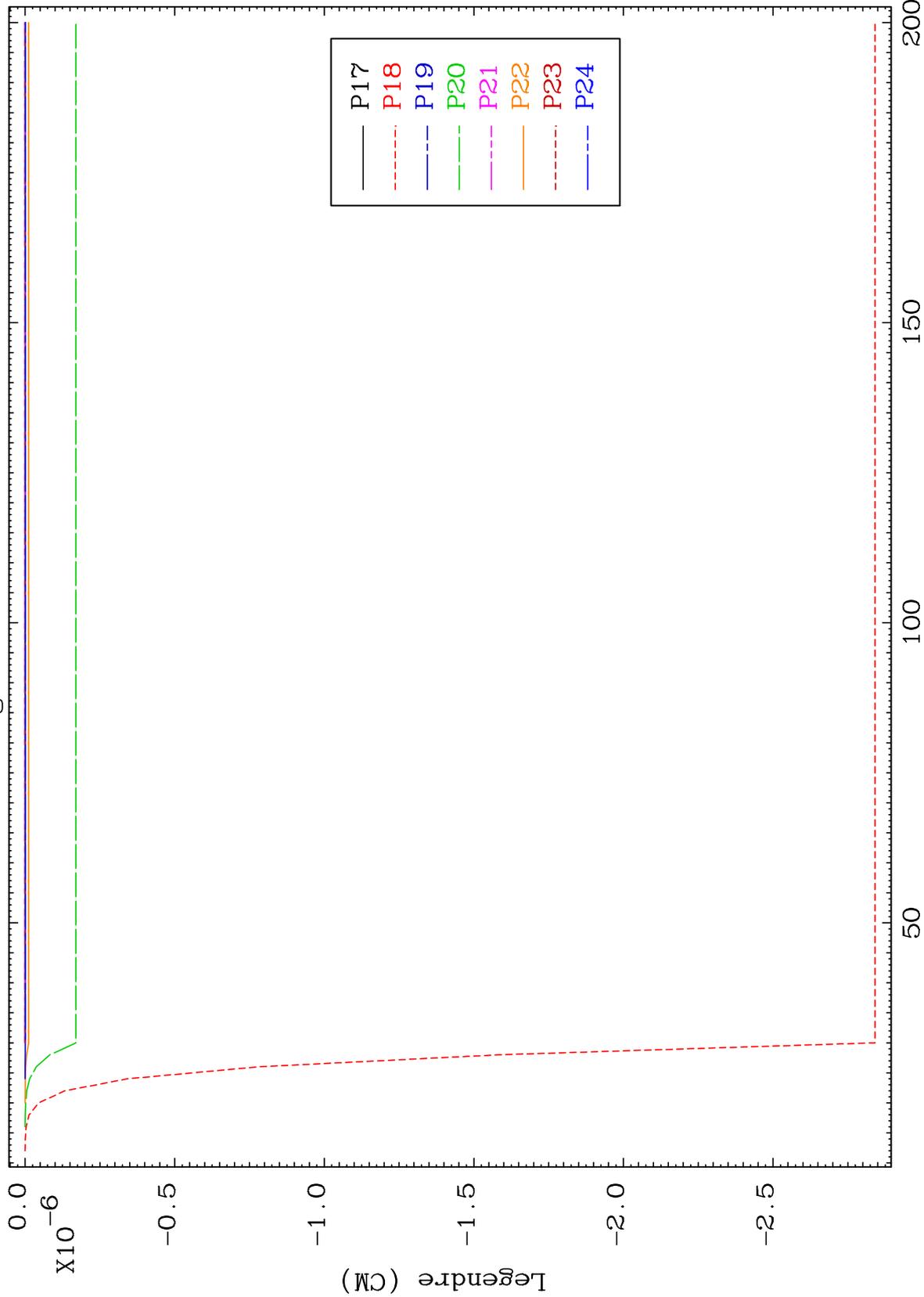
Incident Energy (MeV)

42-Mo-99

MAT 4246

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

42-Mo-99



42-Mo-99

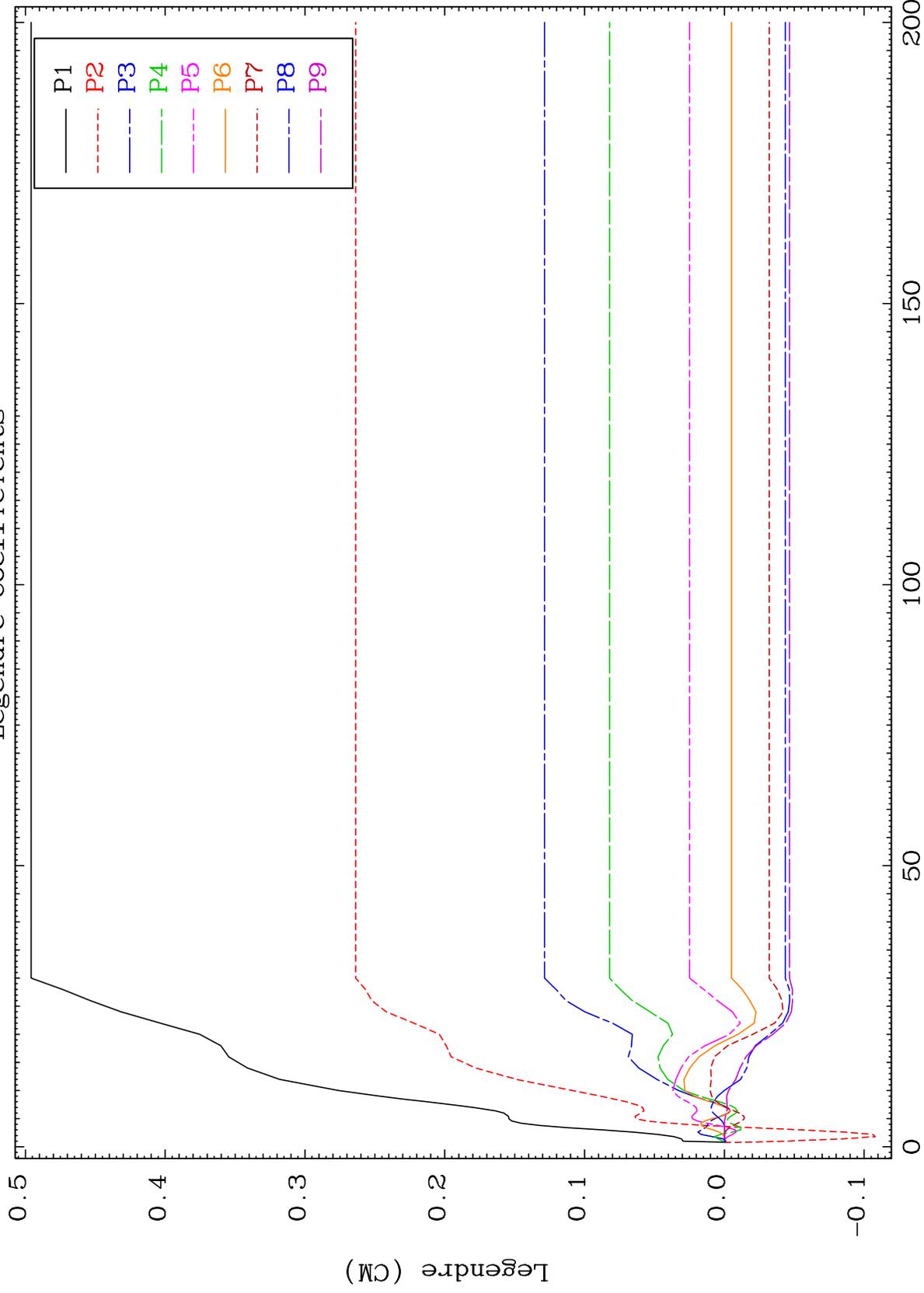
Incident Energy (MeV)

46

MAT 4246

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

42-Mo-99



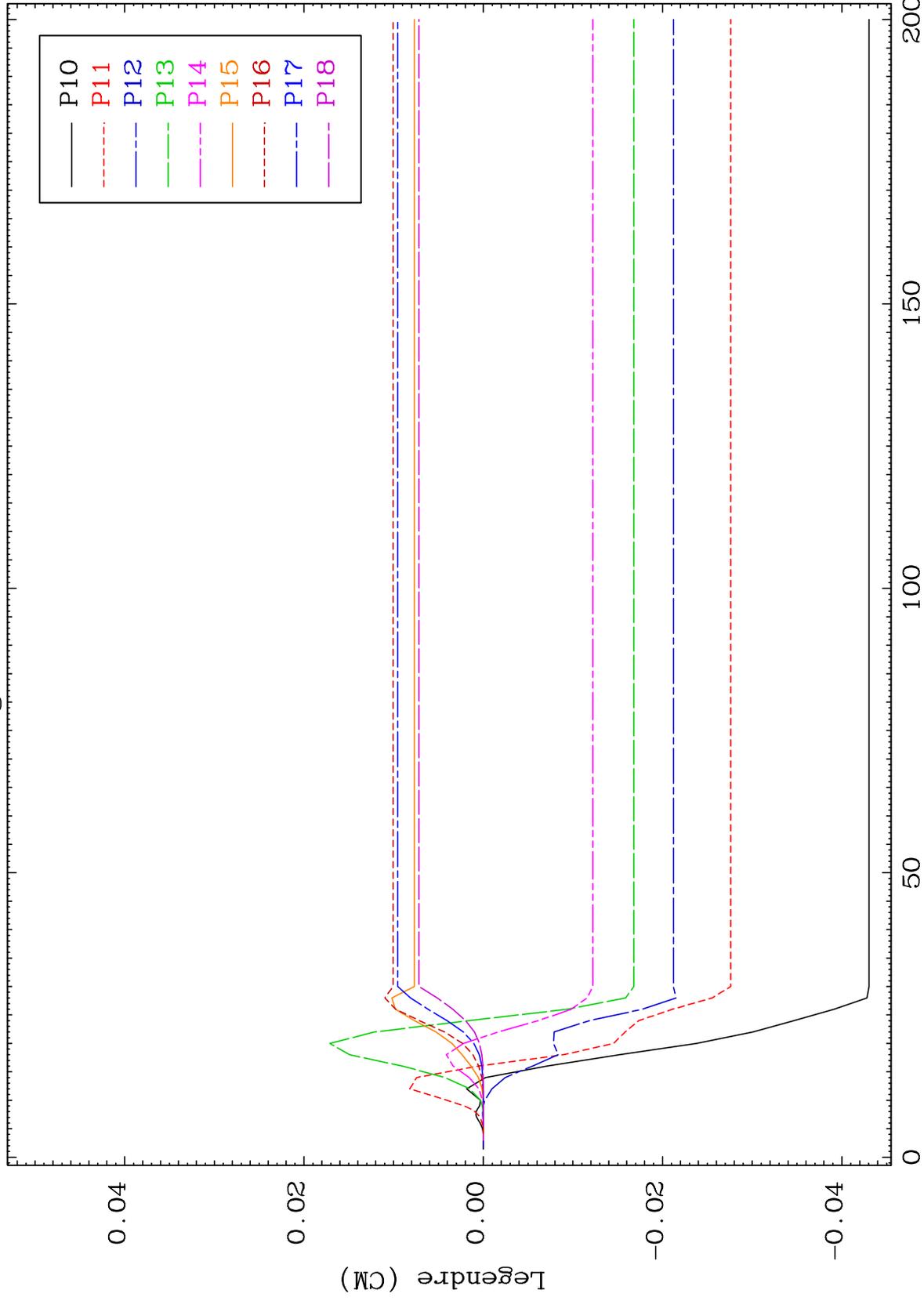
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42-Mo-99

MAT 4246

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

42-Mo-99



48

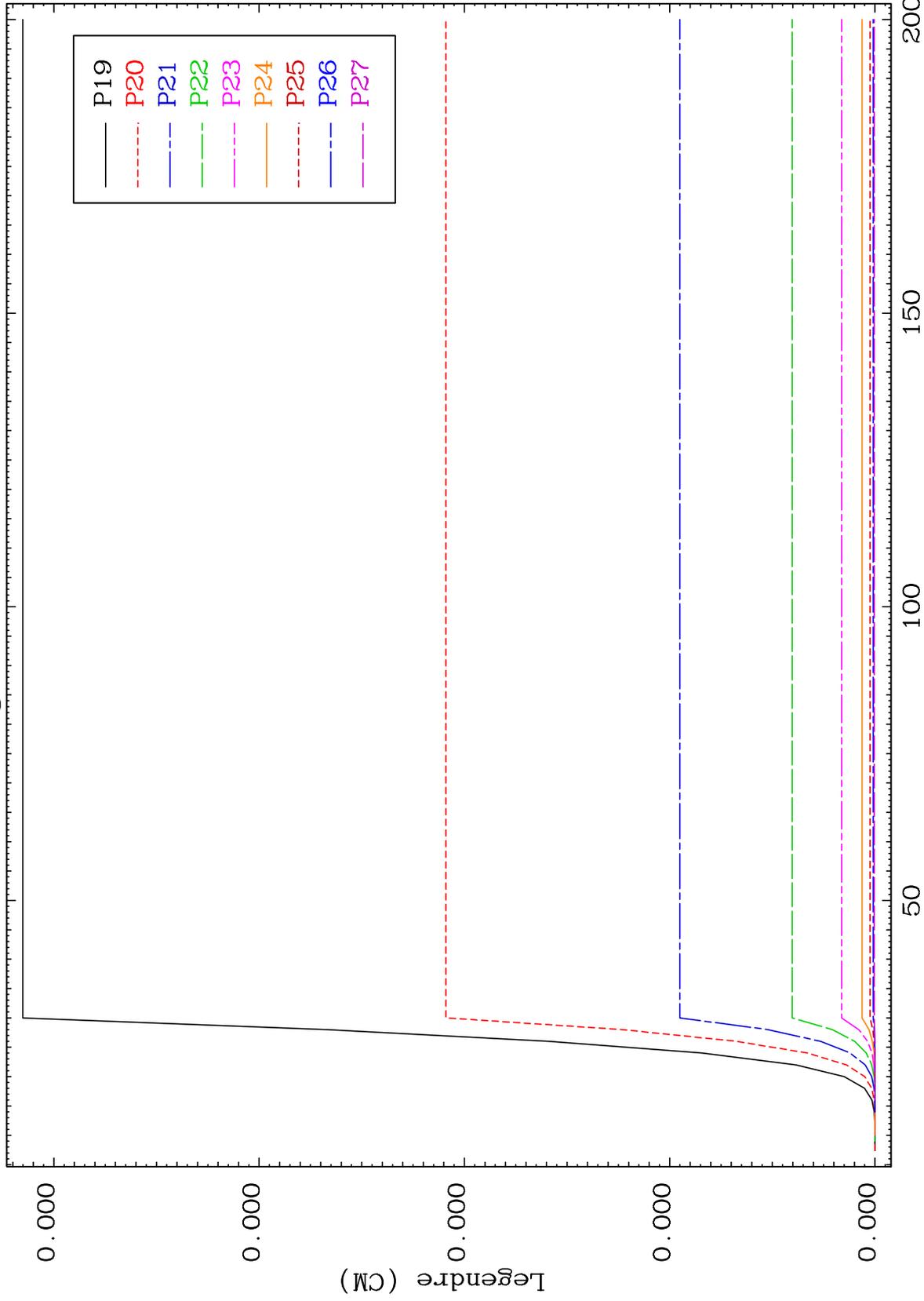
Incident Energy (MeV)

42-Mo-99

MAT 4246

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

42-Mo-99



49

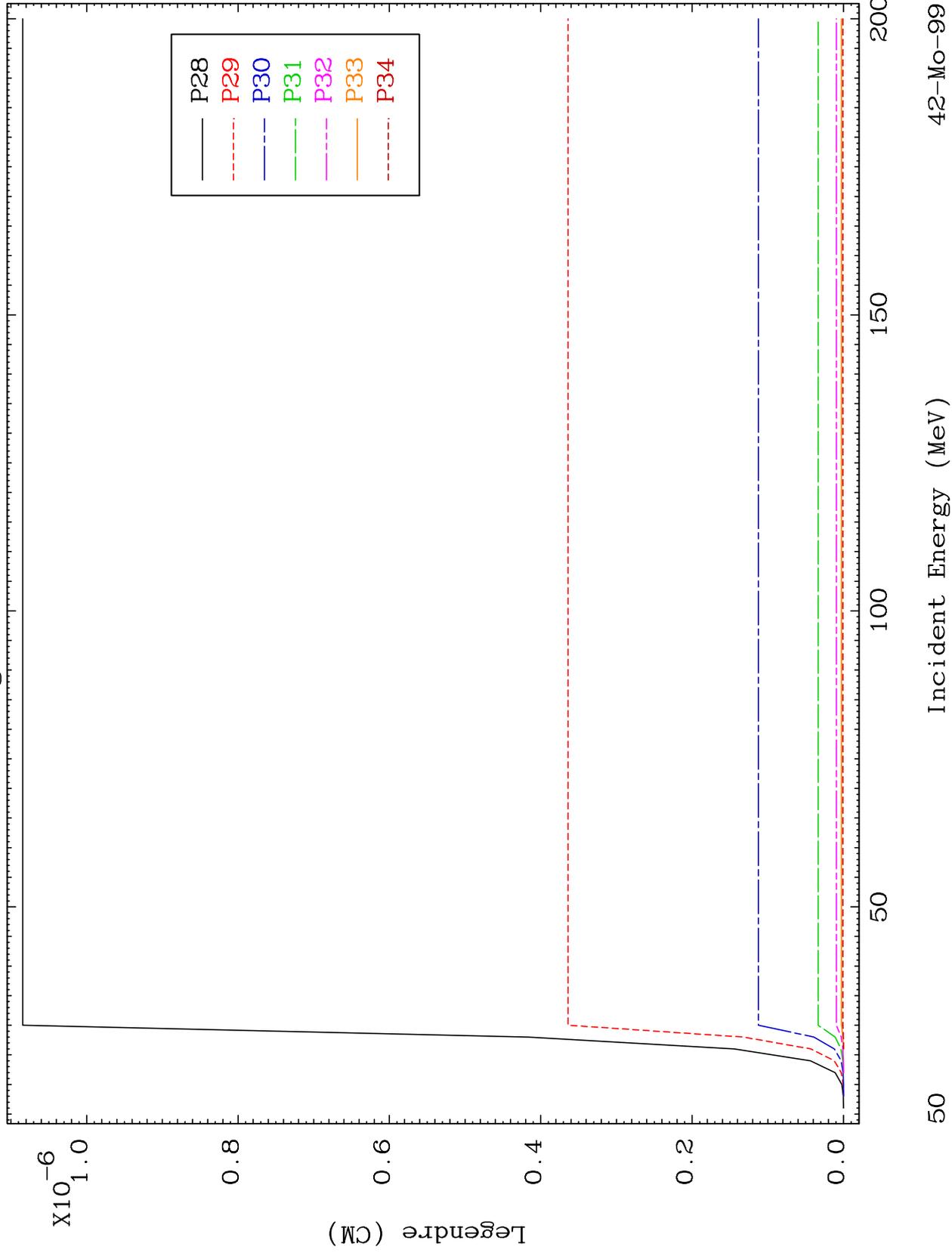
Incident Energy (MeV)

42-Mo-99

MAT 4246

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

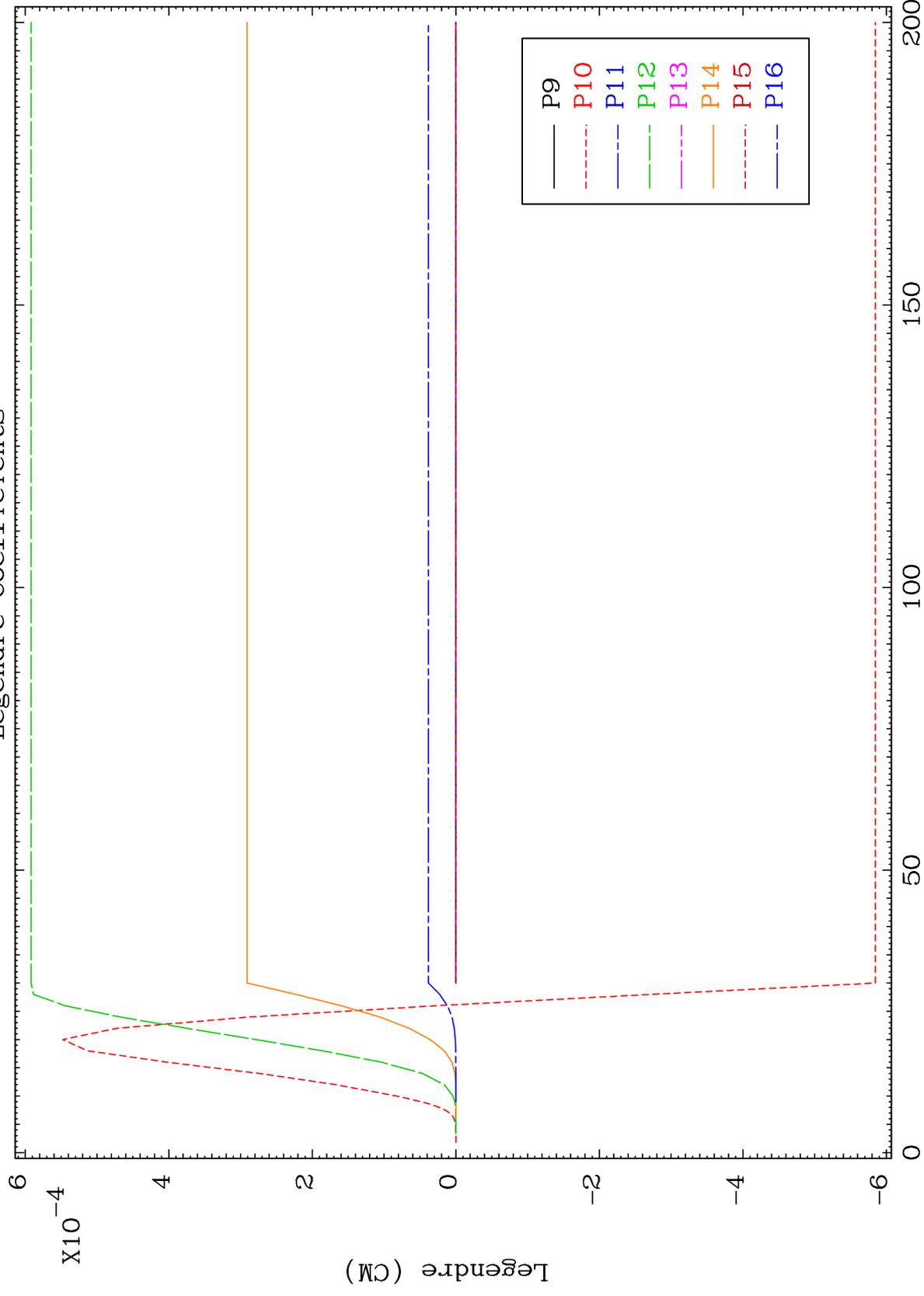
42-Mo-99



MAT 4246

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

42-Mo-99



52

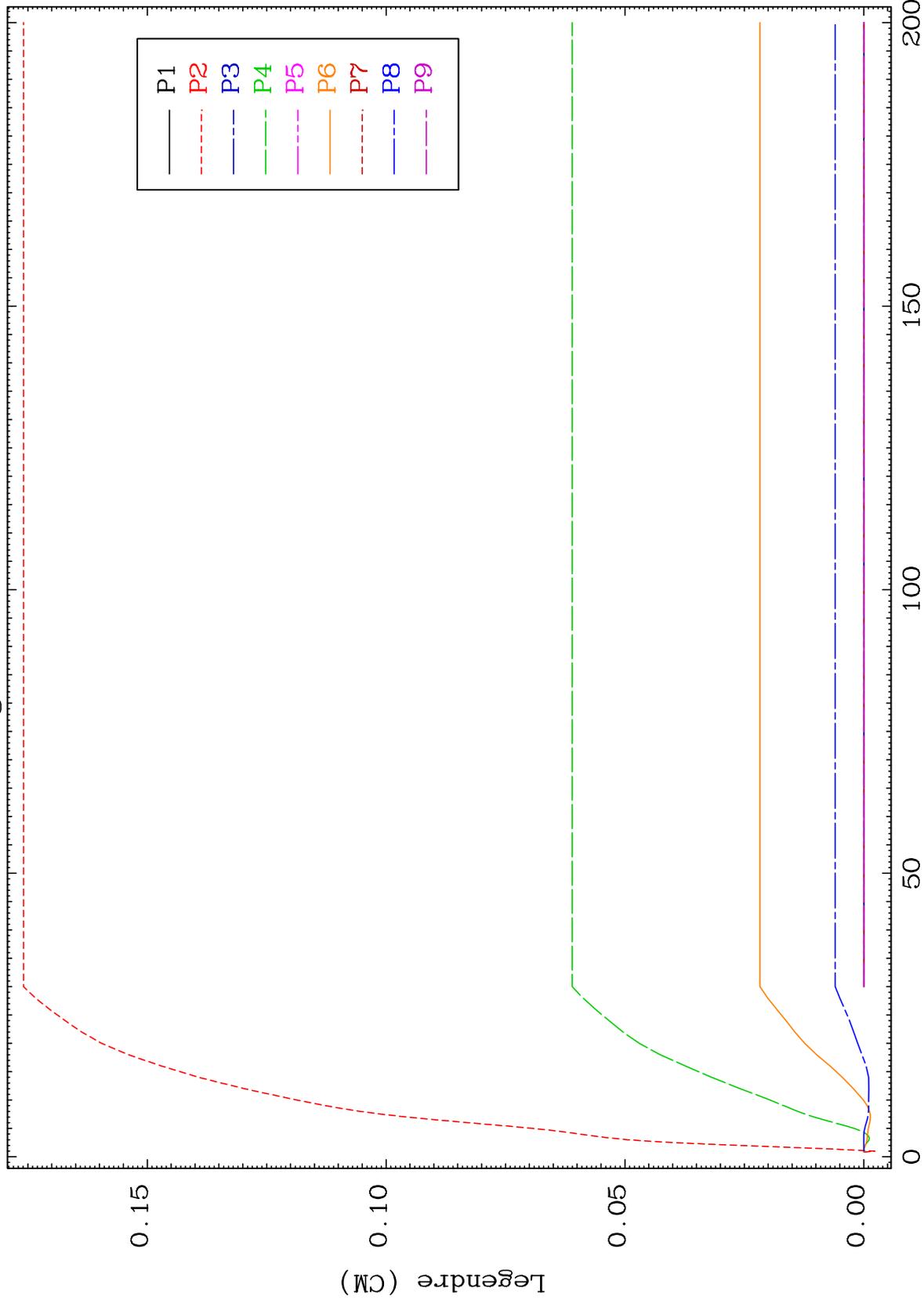
Incident Energy (MeV)

42-Mo-99

MAT 4246

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

42-Mo-99



54

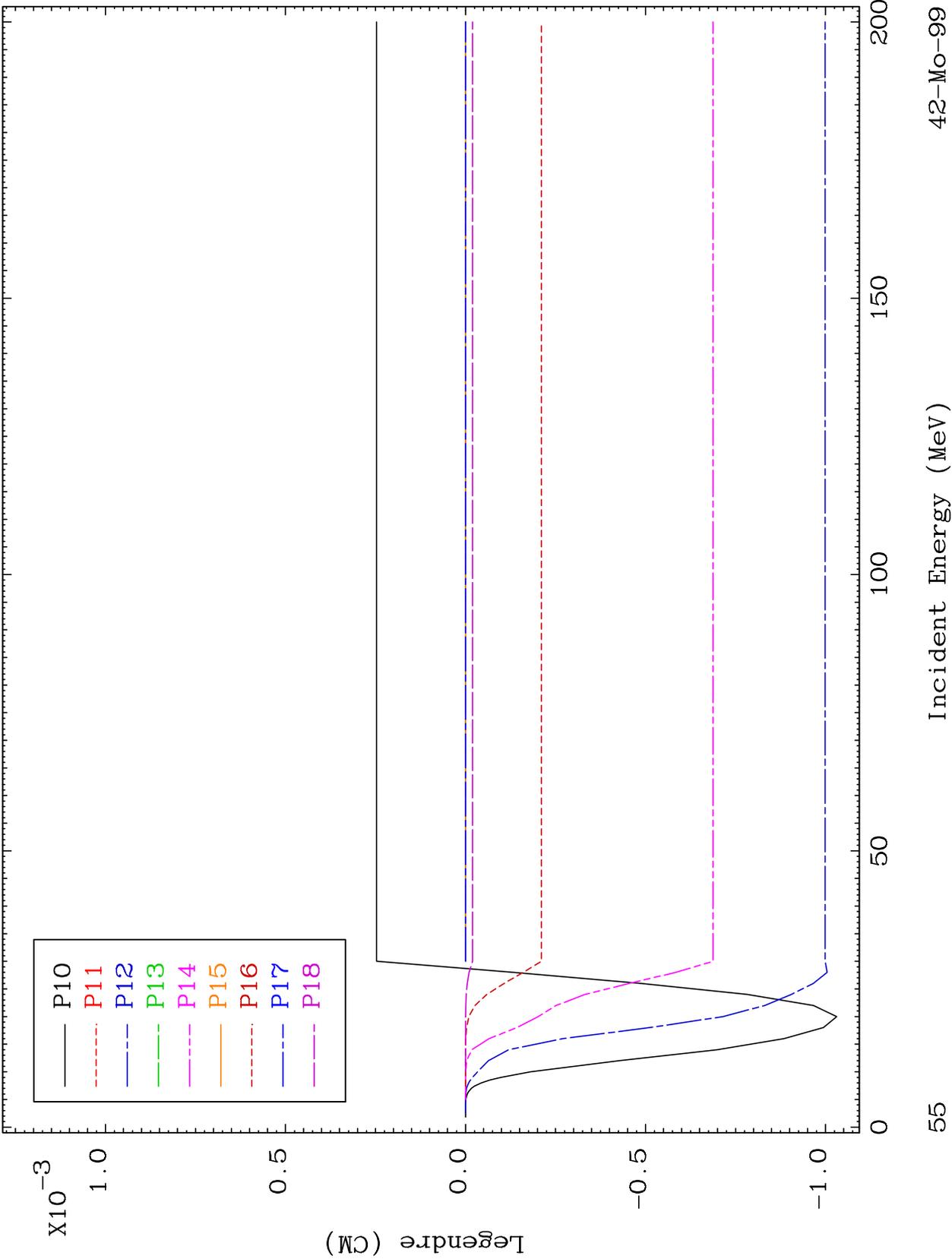
Incident Energy (MeV)

42-Mo-99

MAT 4246

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

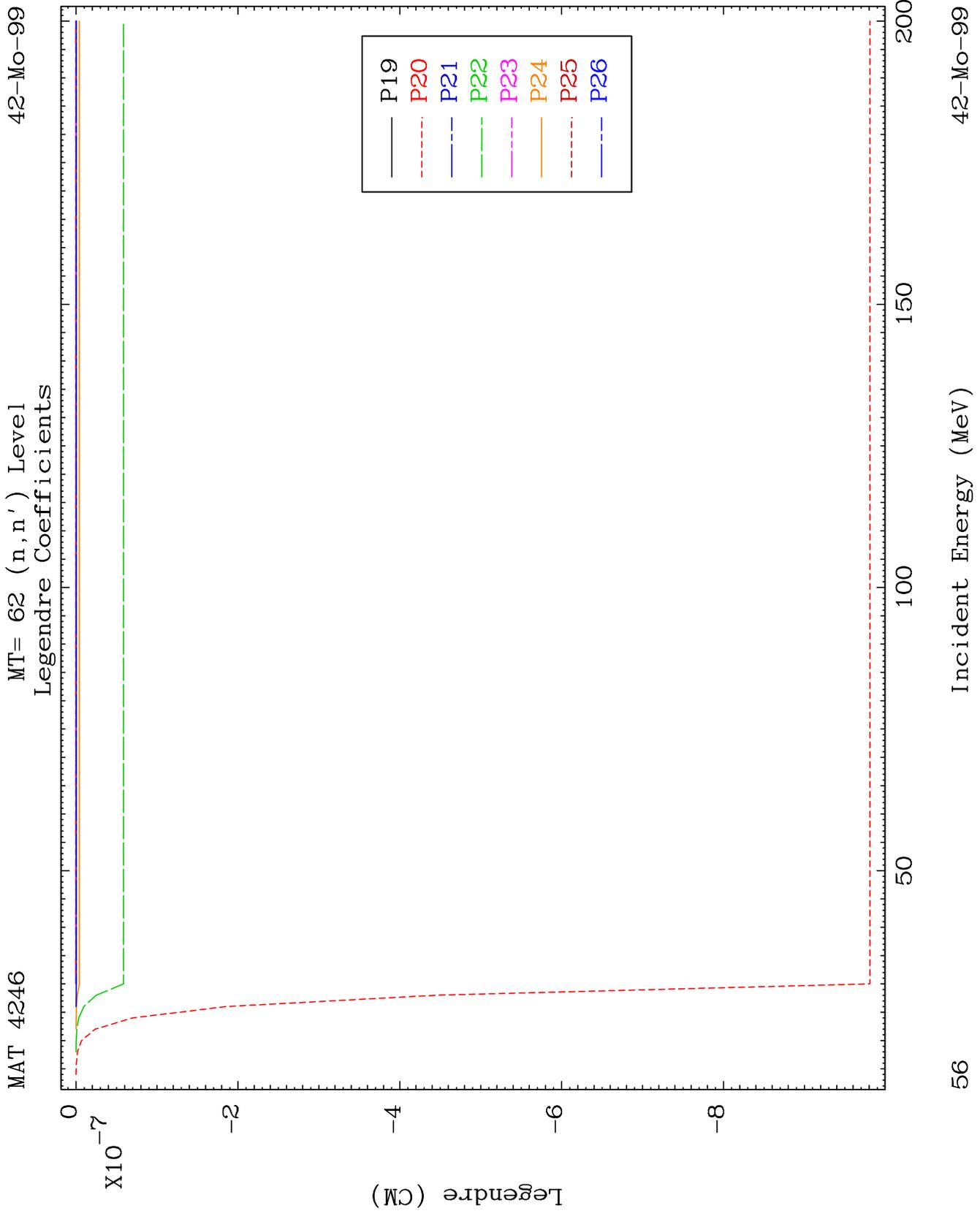
42-Mo-99



55

Incident Energy (MeV)

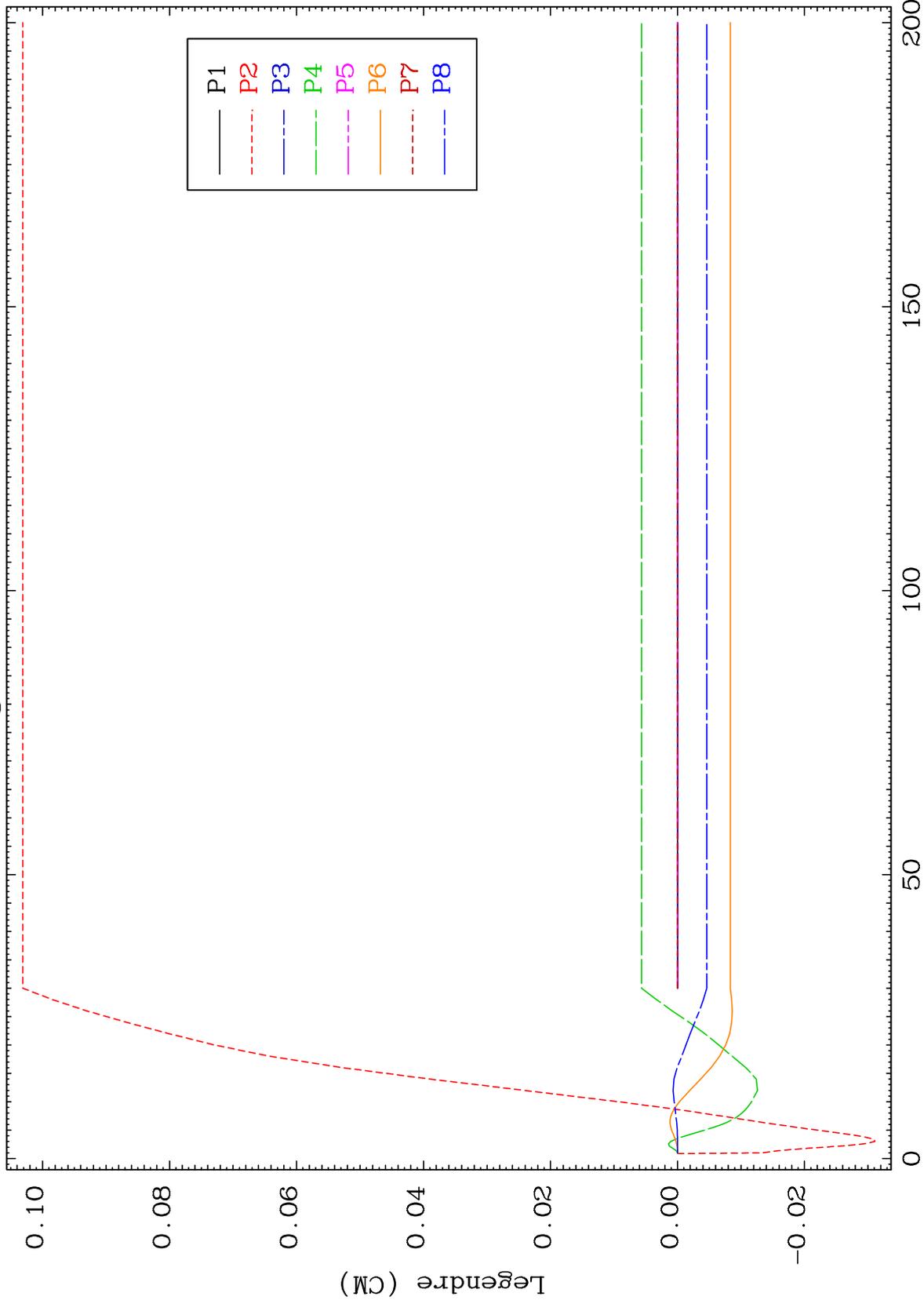
42-Mo-99



MAT 4246

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

42-Mo-99



57

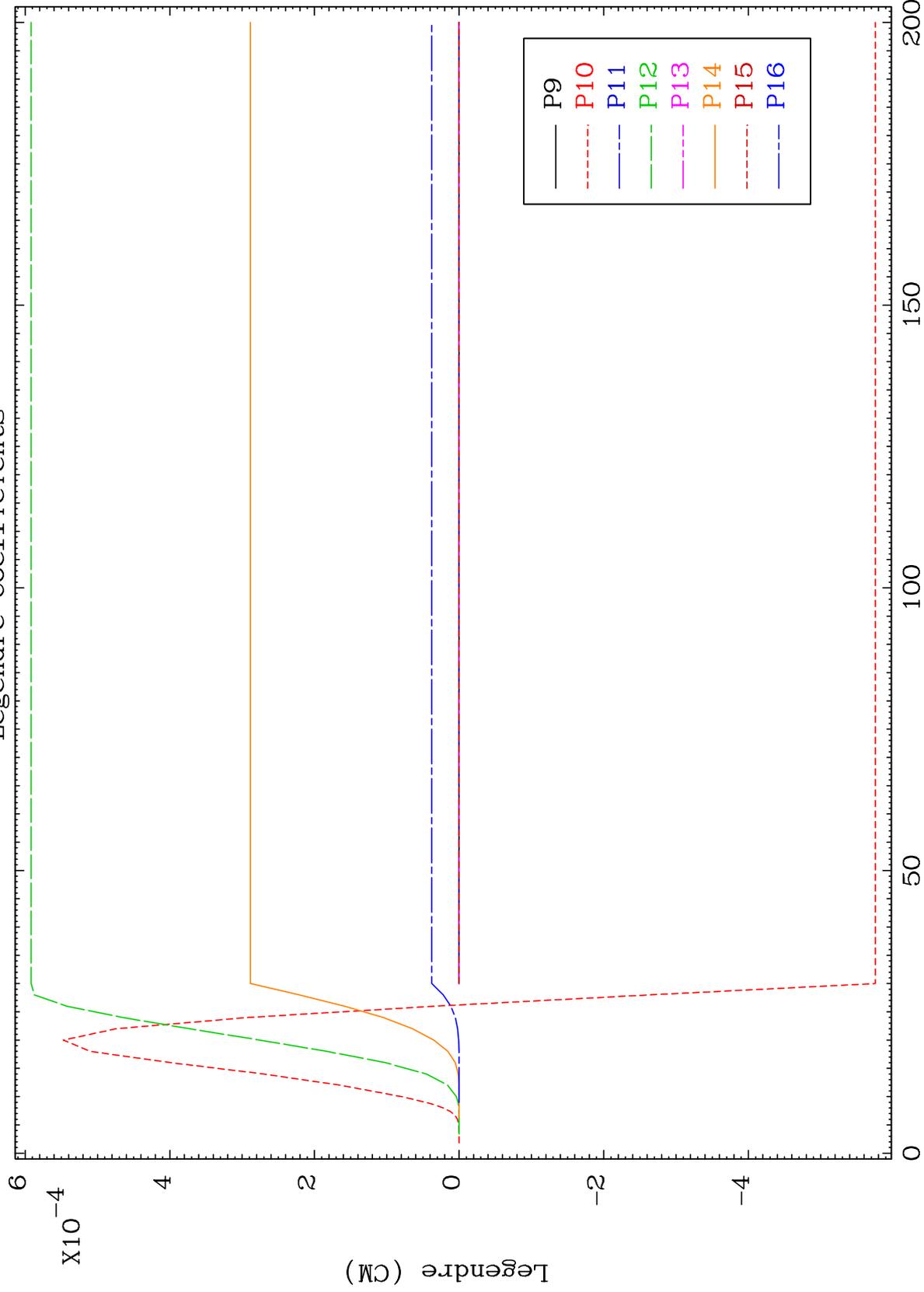
Incident Energy (MeV)

42-Mo-99

MAT 4246

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

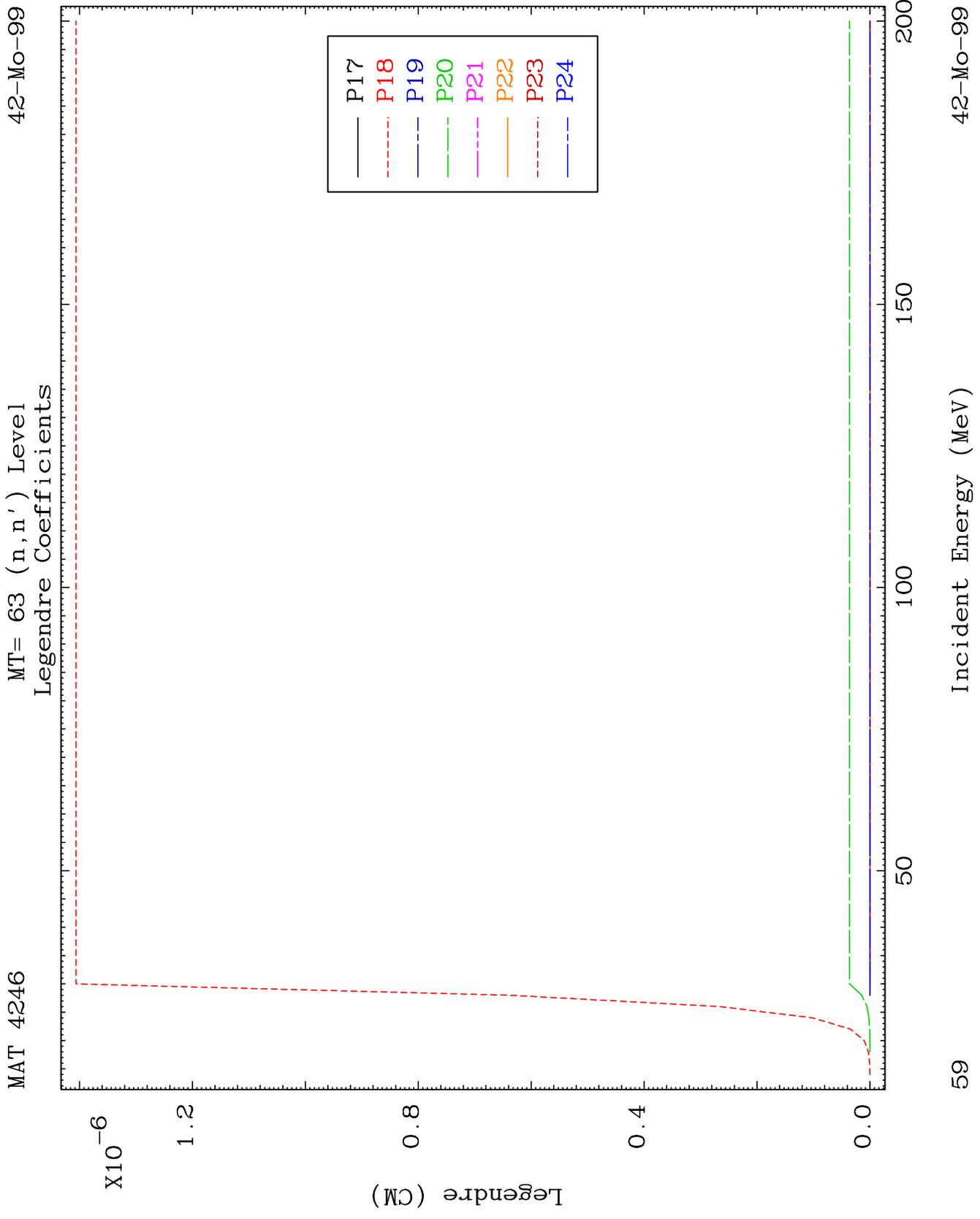
42-Mo-99



58

Incident Energy (MeV)

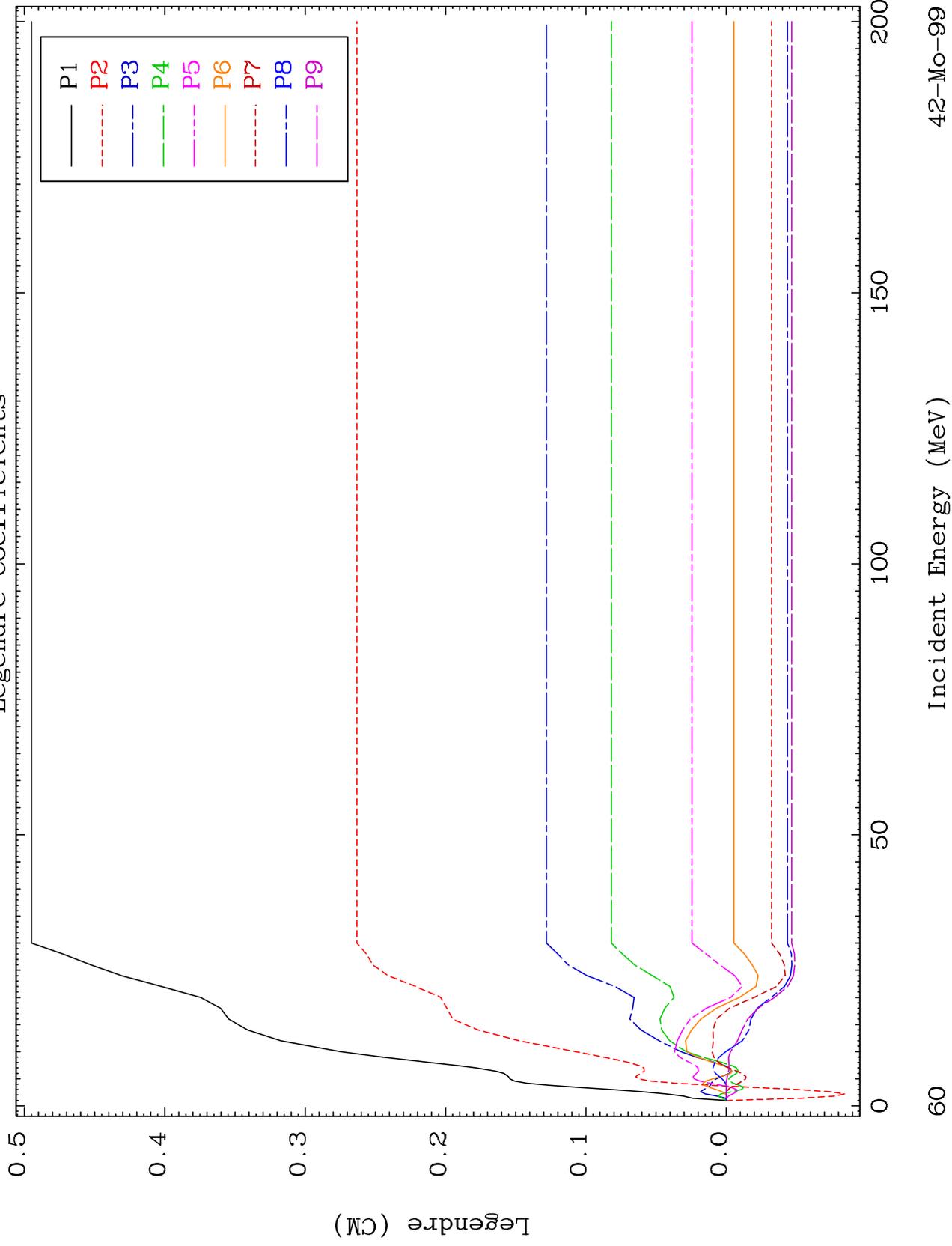
42-Mo-99



MAT 4246

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

42-Mo-99



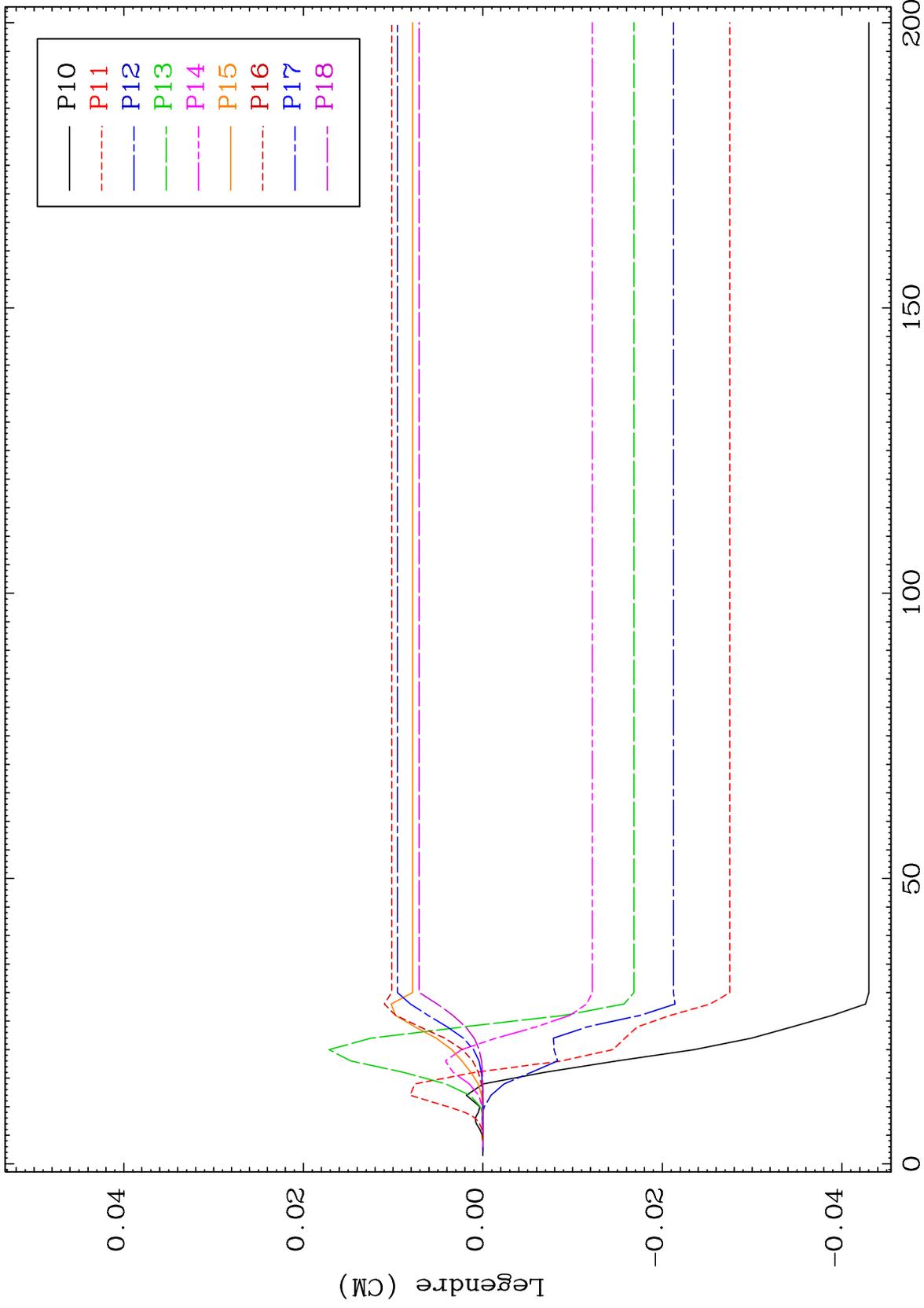
42-Mo-99

Incident Energy (MeV)

MAT 4246

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

42-Mo-99



61

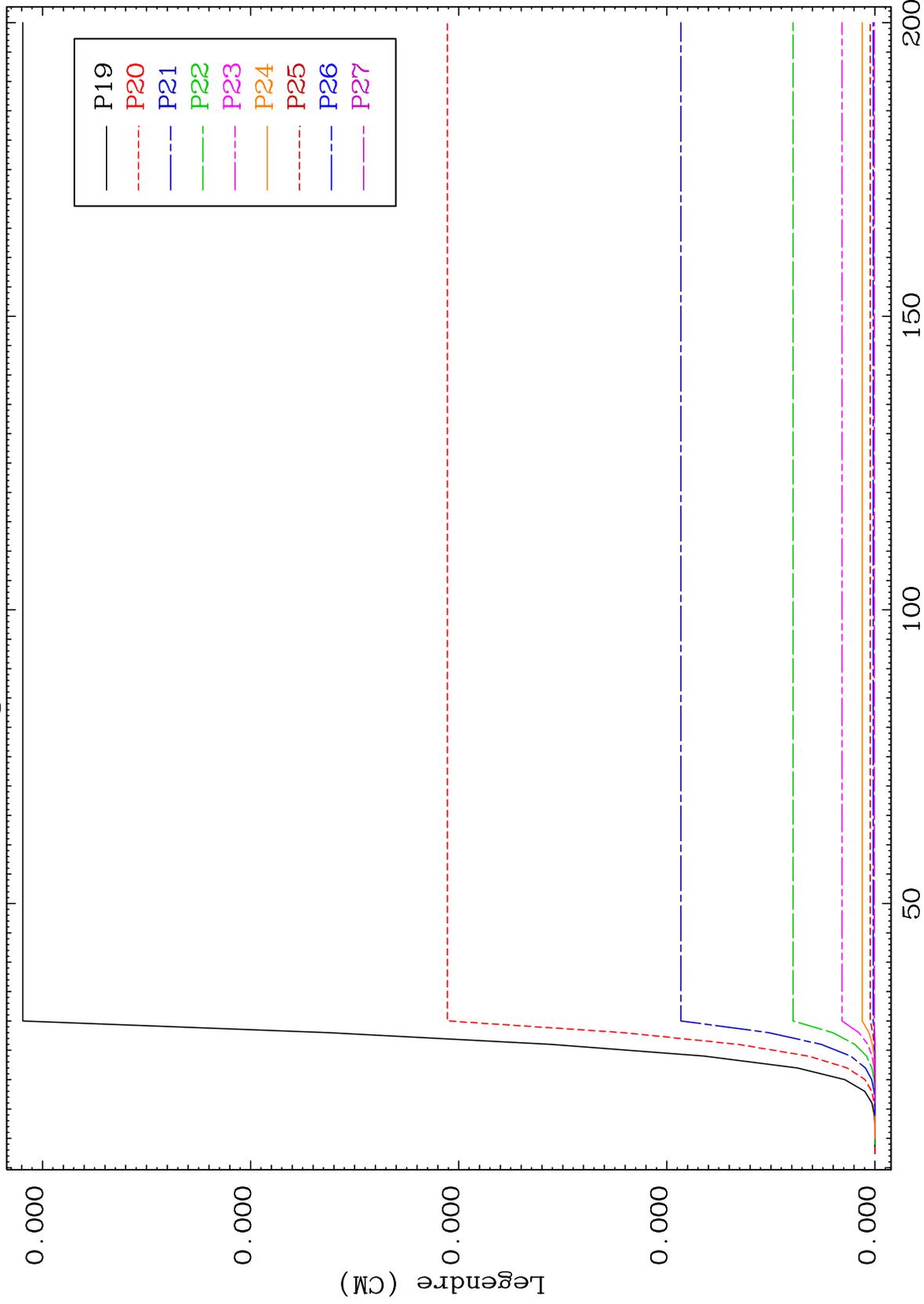
Incident Energy (MeV)

42-Mo-99

MAT 4246

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

42-Mo-99



62

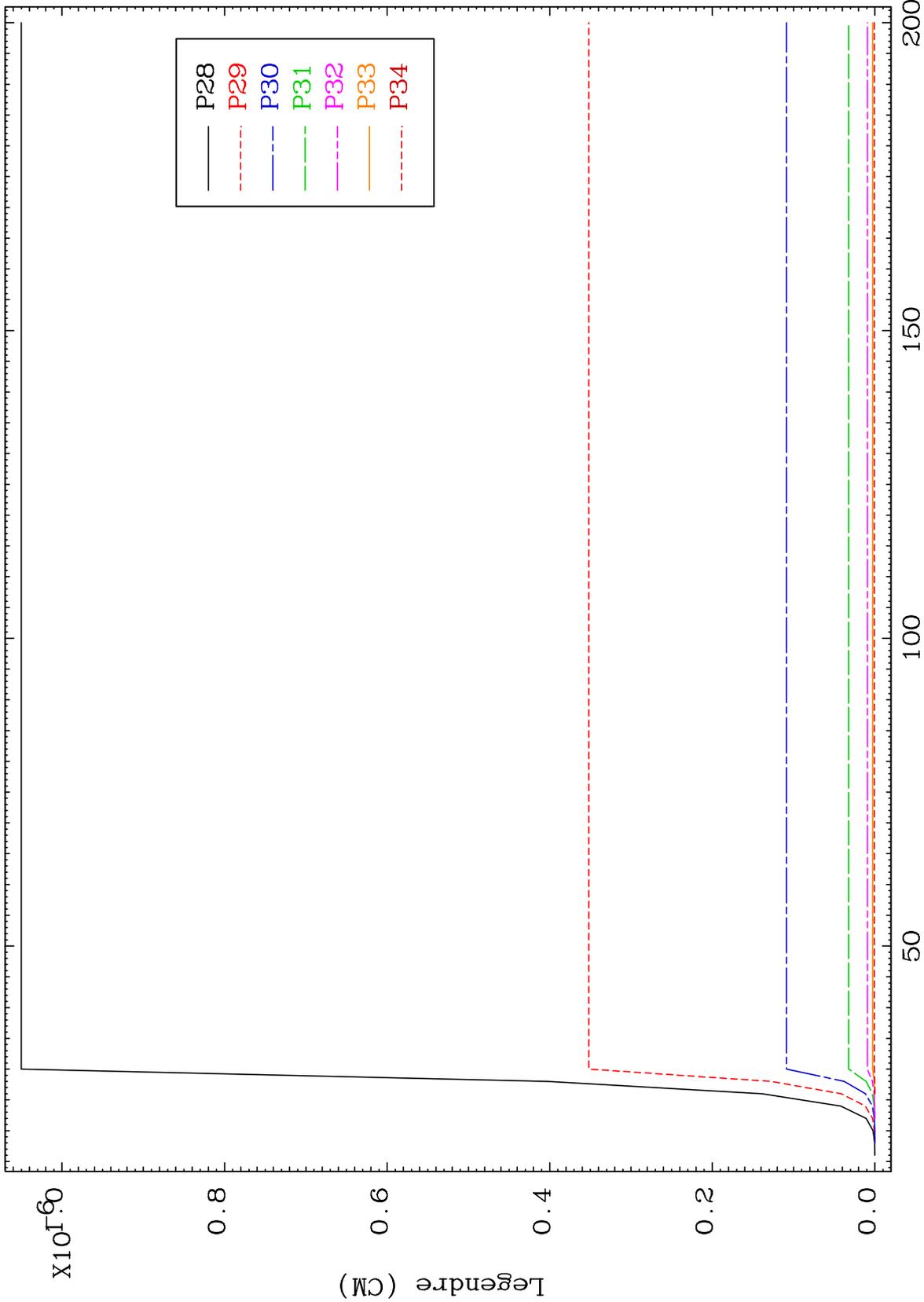
Incident Energy (MeV)

42-Mo-99

MAT 4246

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

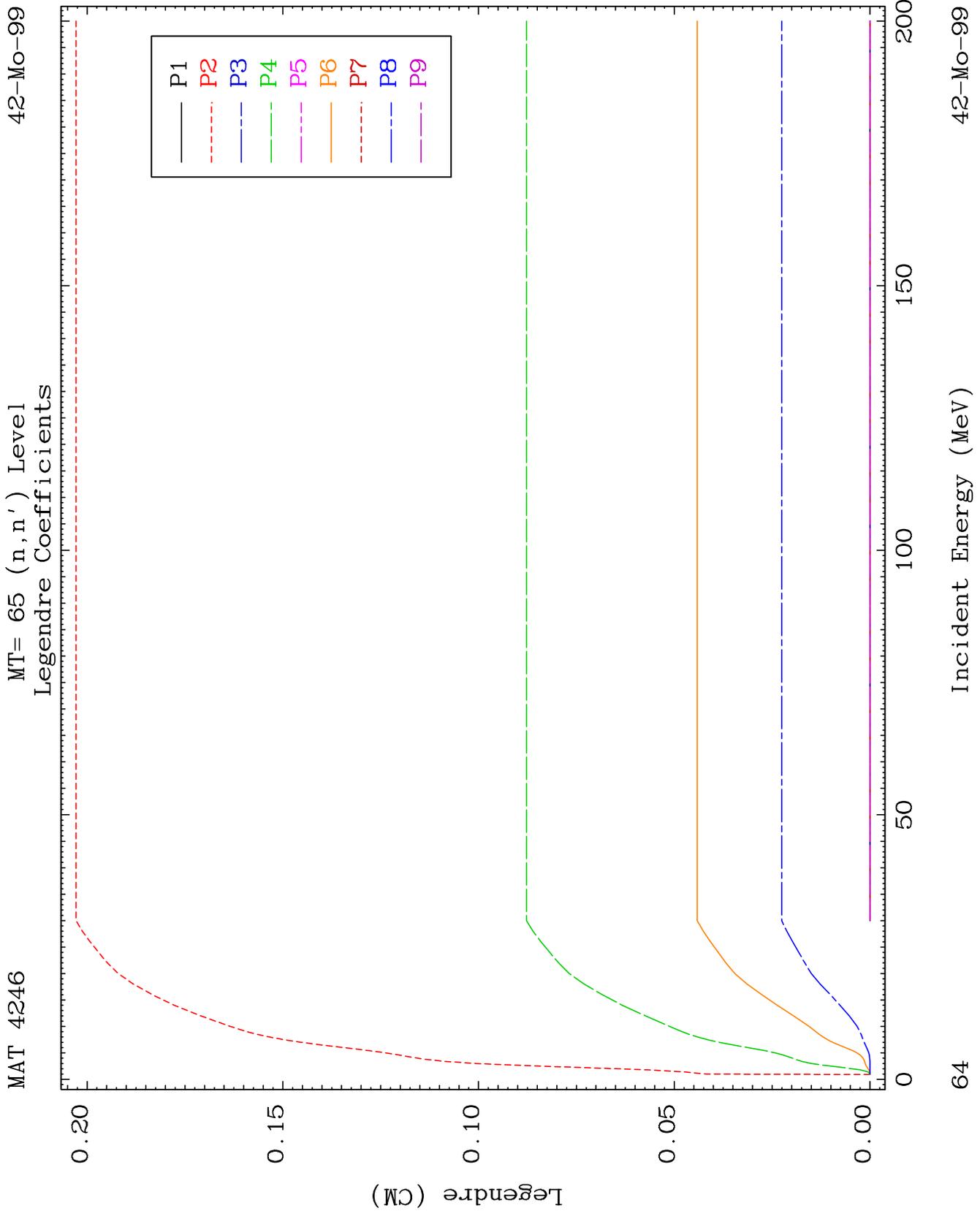
42-Mo-99



63

Incident Energy (MeV)

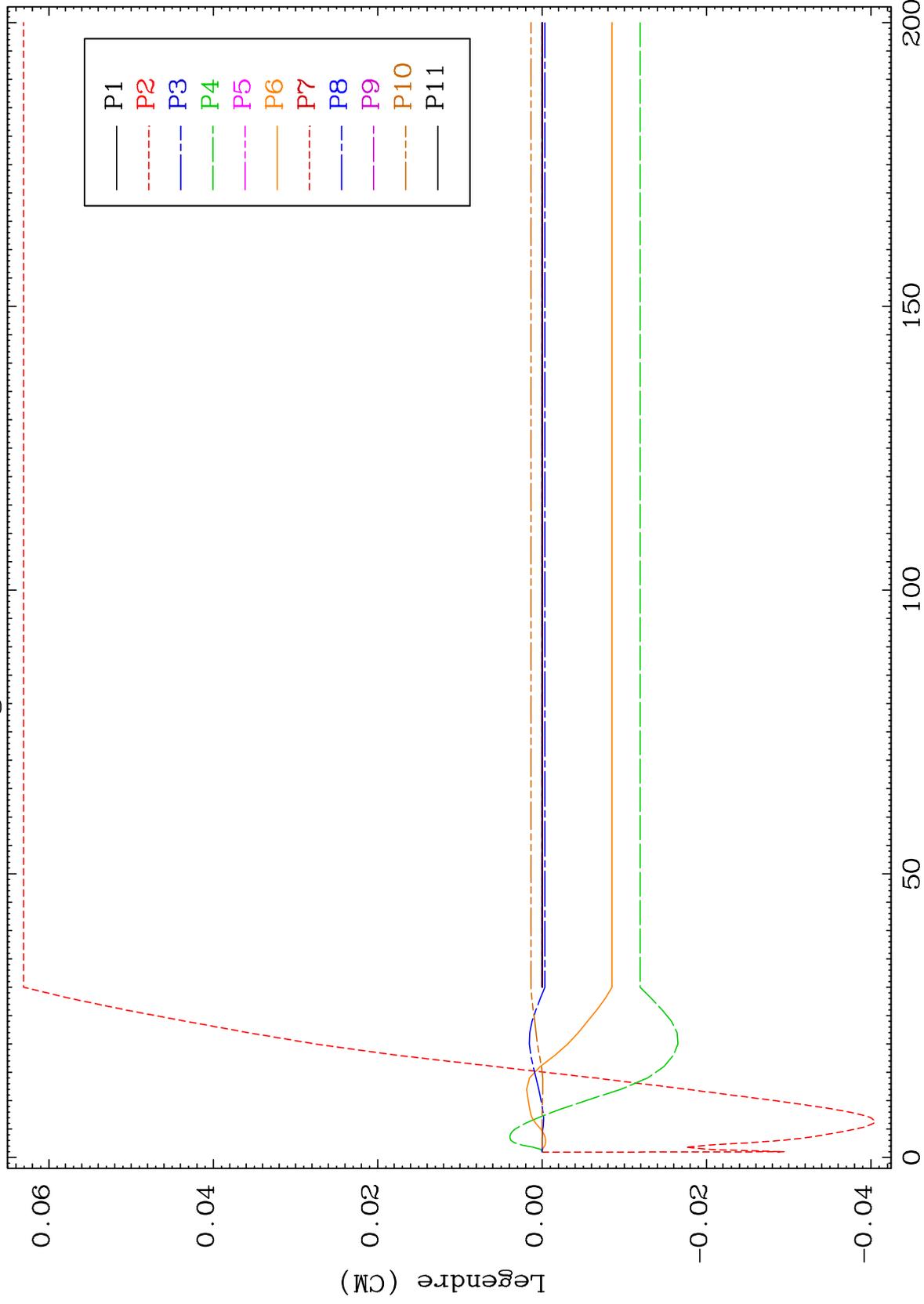
42-Mo-99



MAT 4246

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

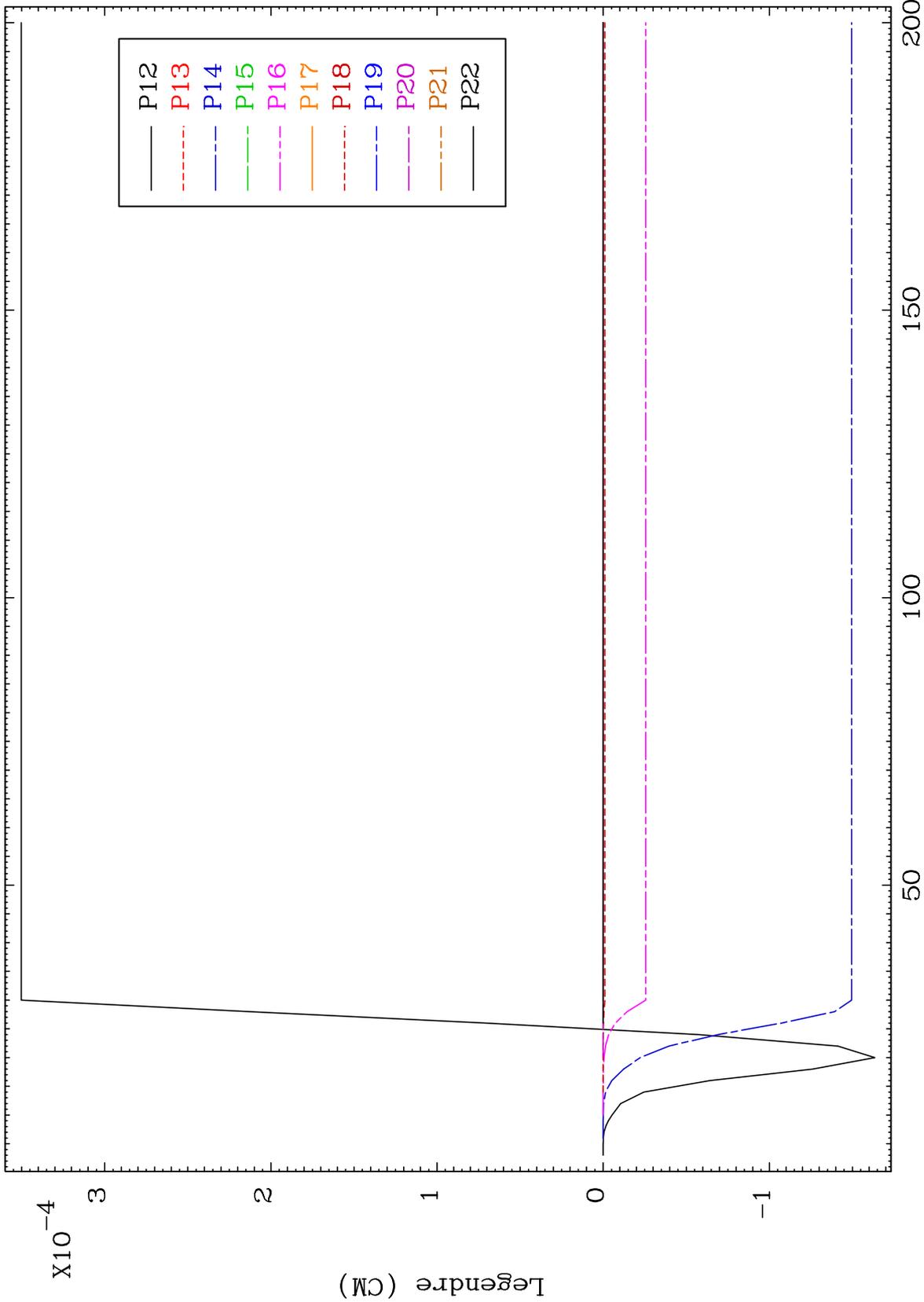
42-Mo-99



67

Incident Energy (MeV)

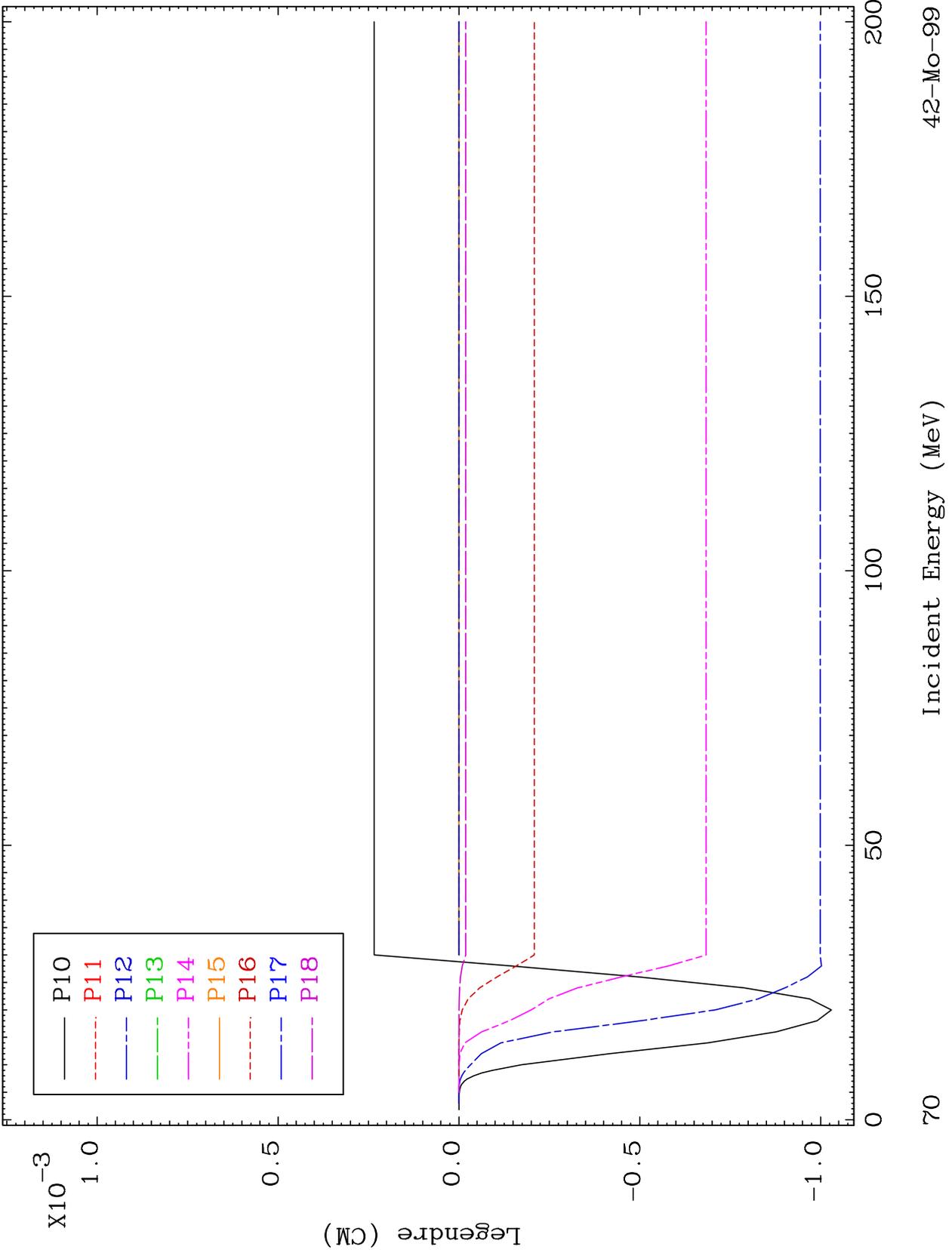
42-Mo-99



MAT 4246

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

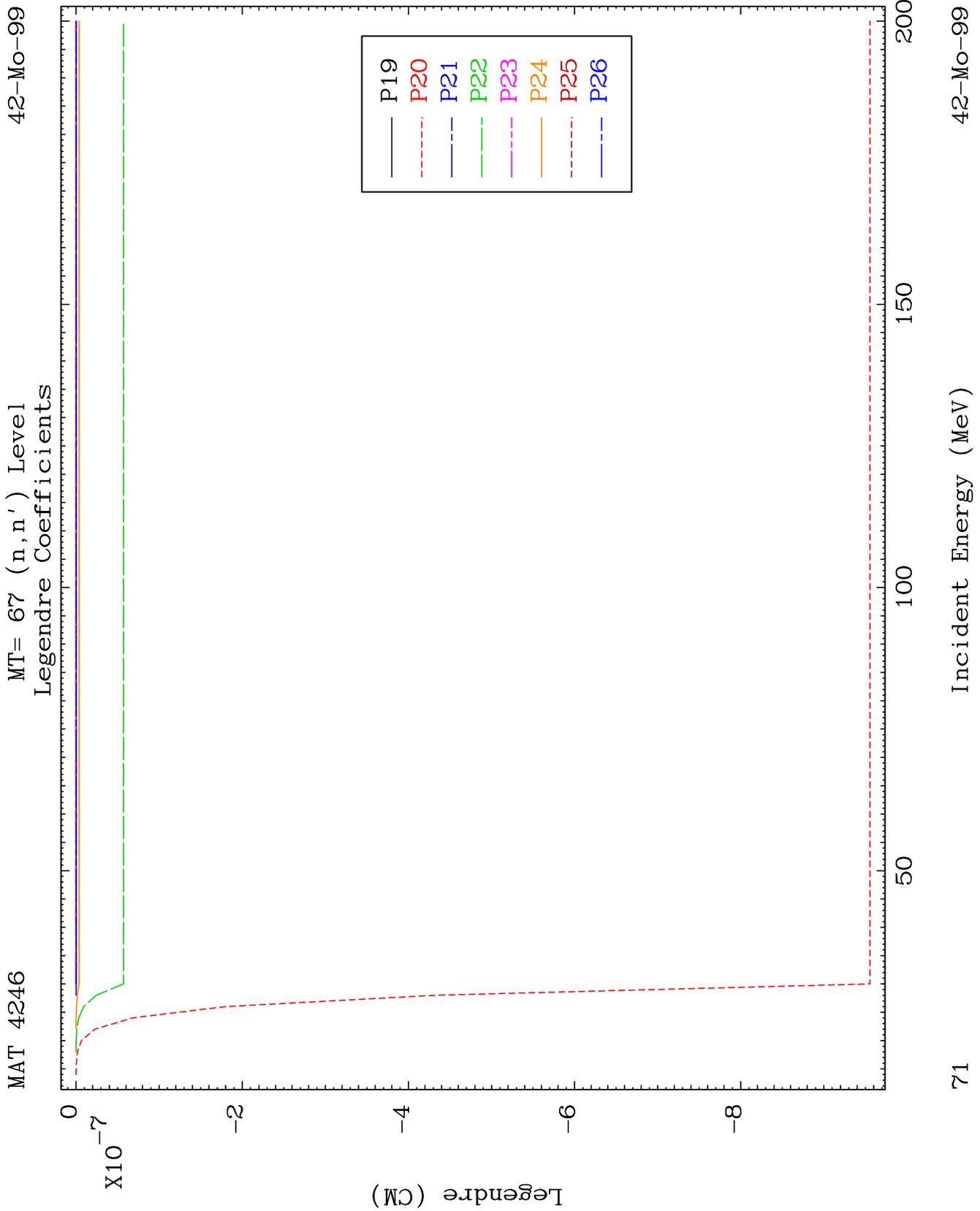
42-Mo-99

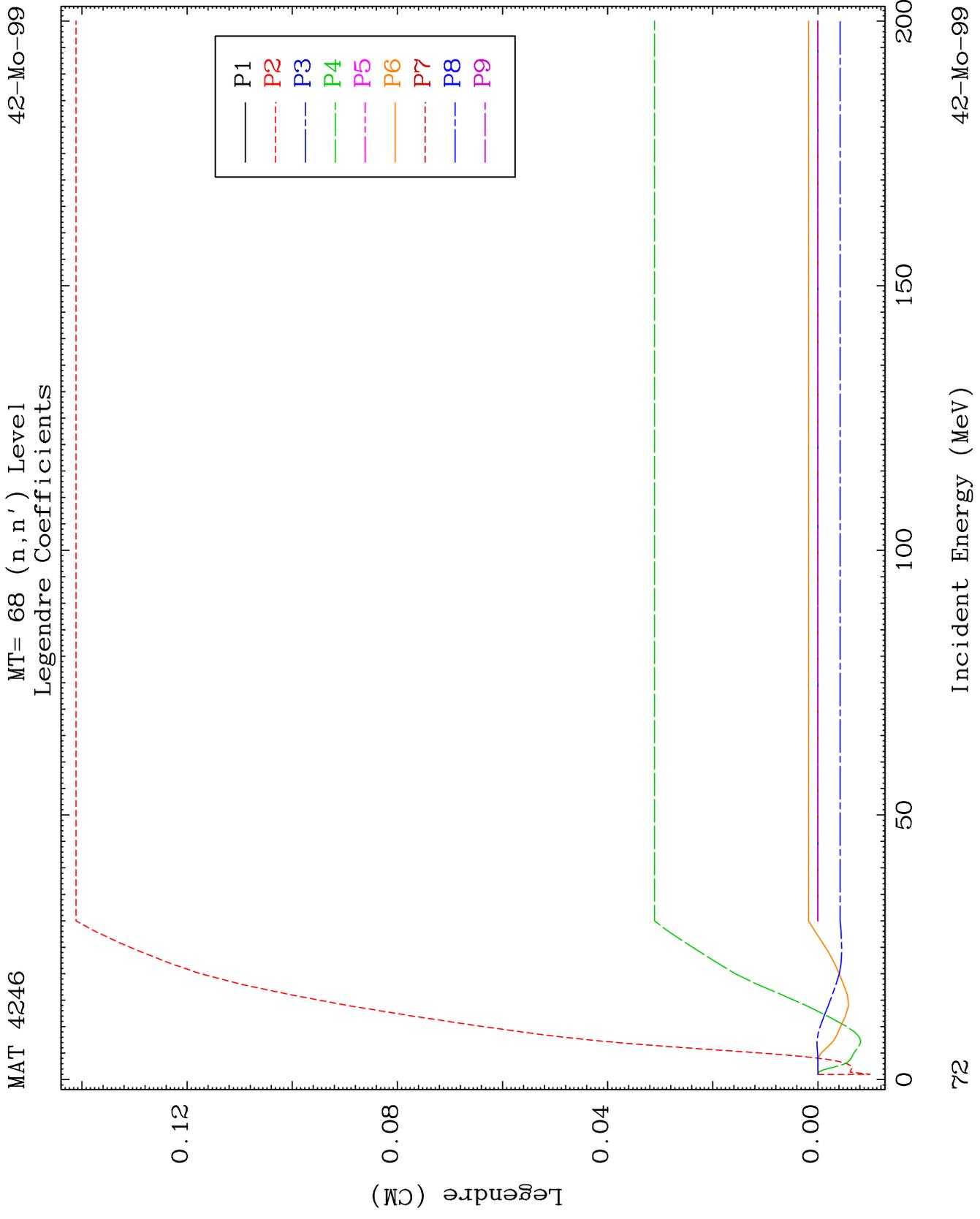


42-Mo-99

Incident Energy (MeV)

70

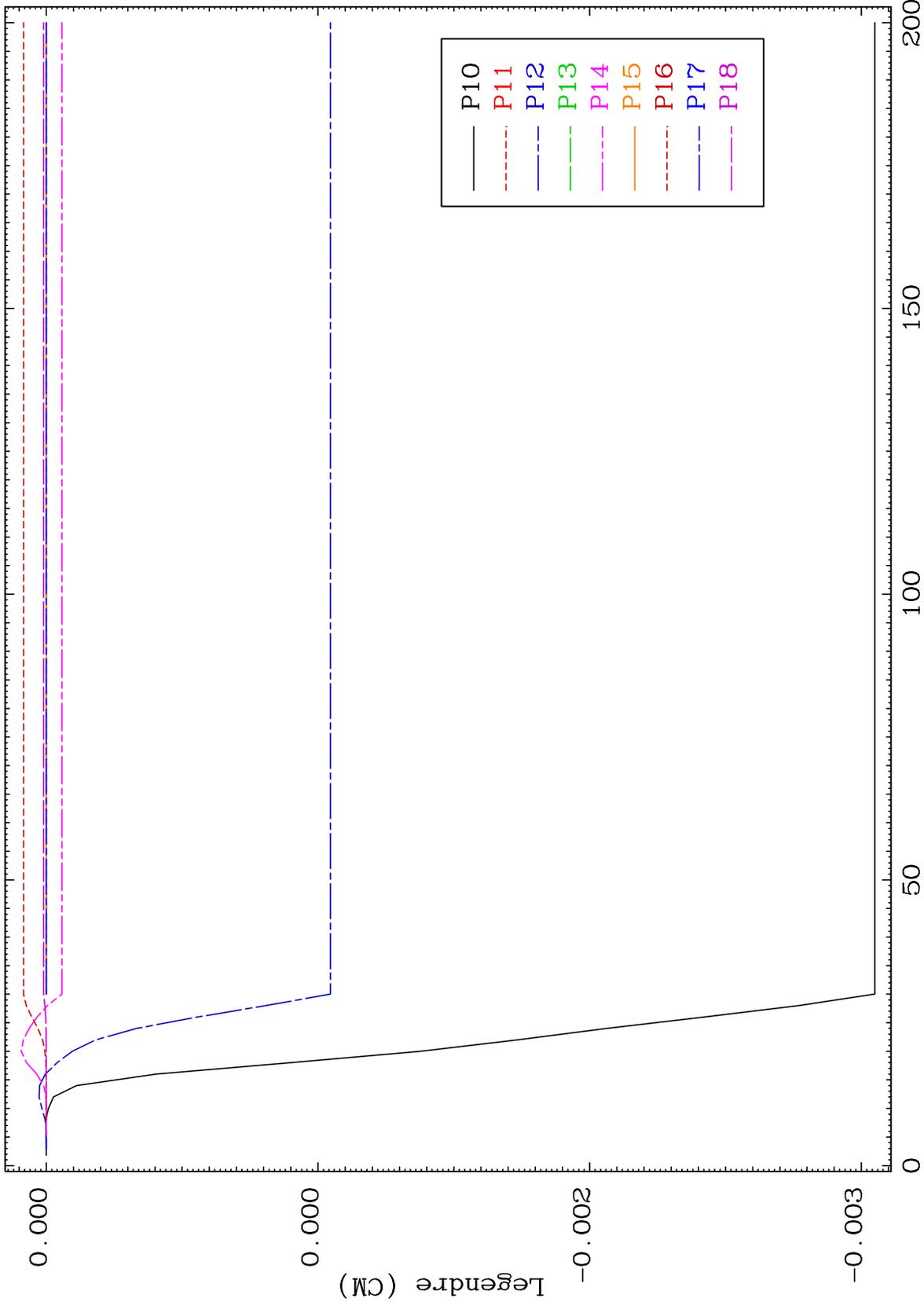




MAT 4246

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

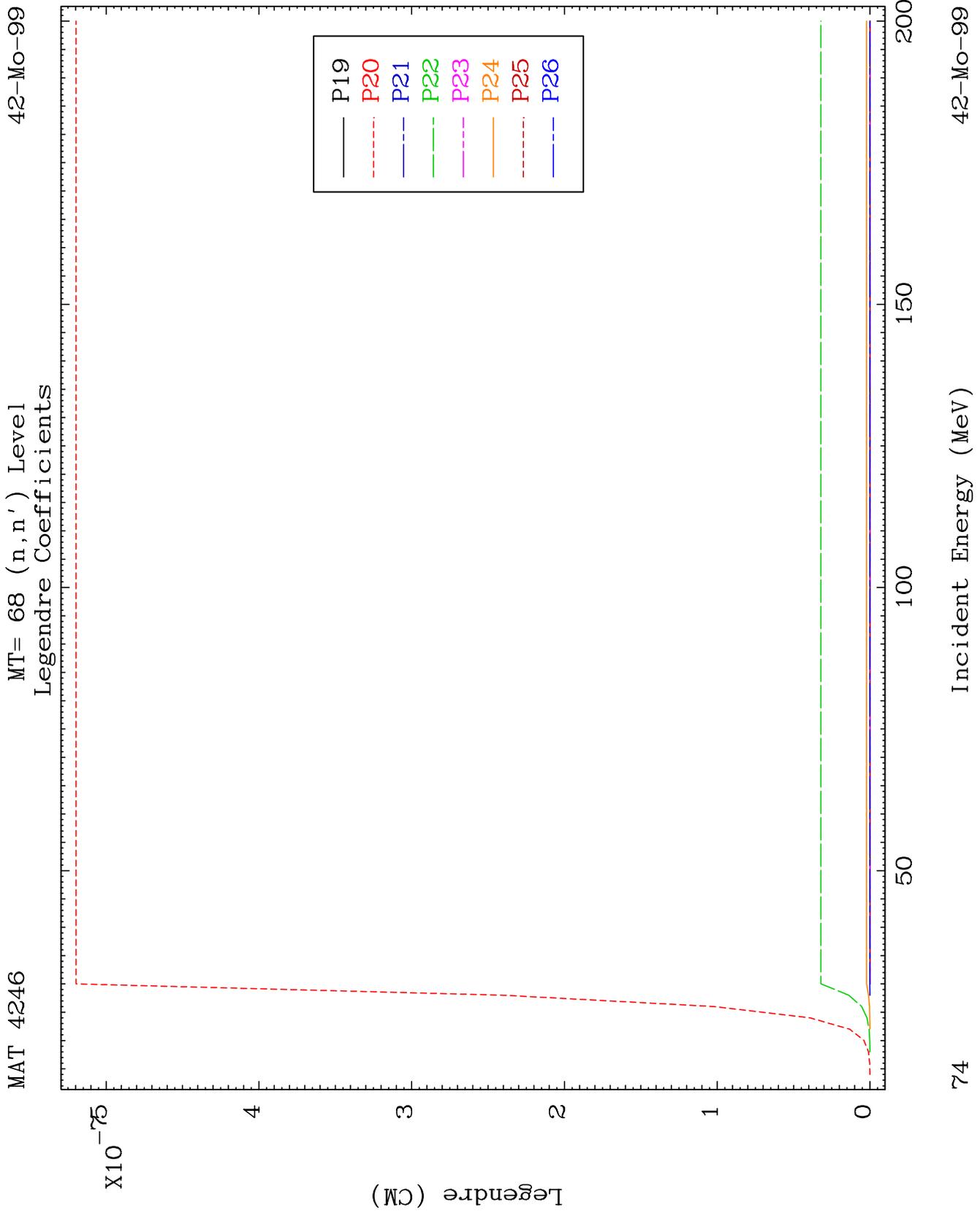
42-Mo-99



73

Incident Energy (MeV)

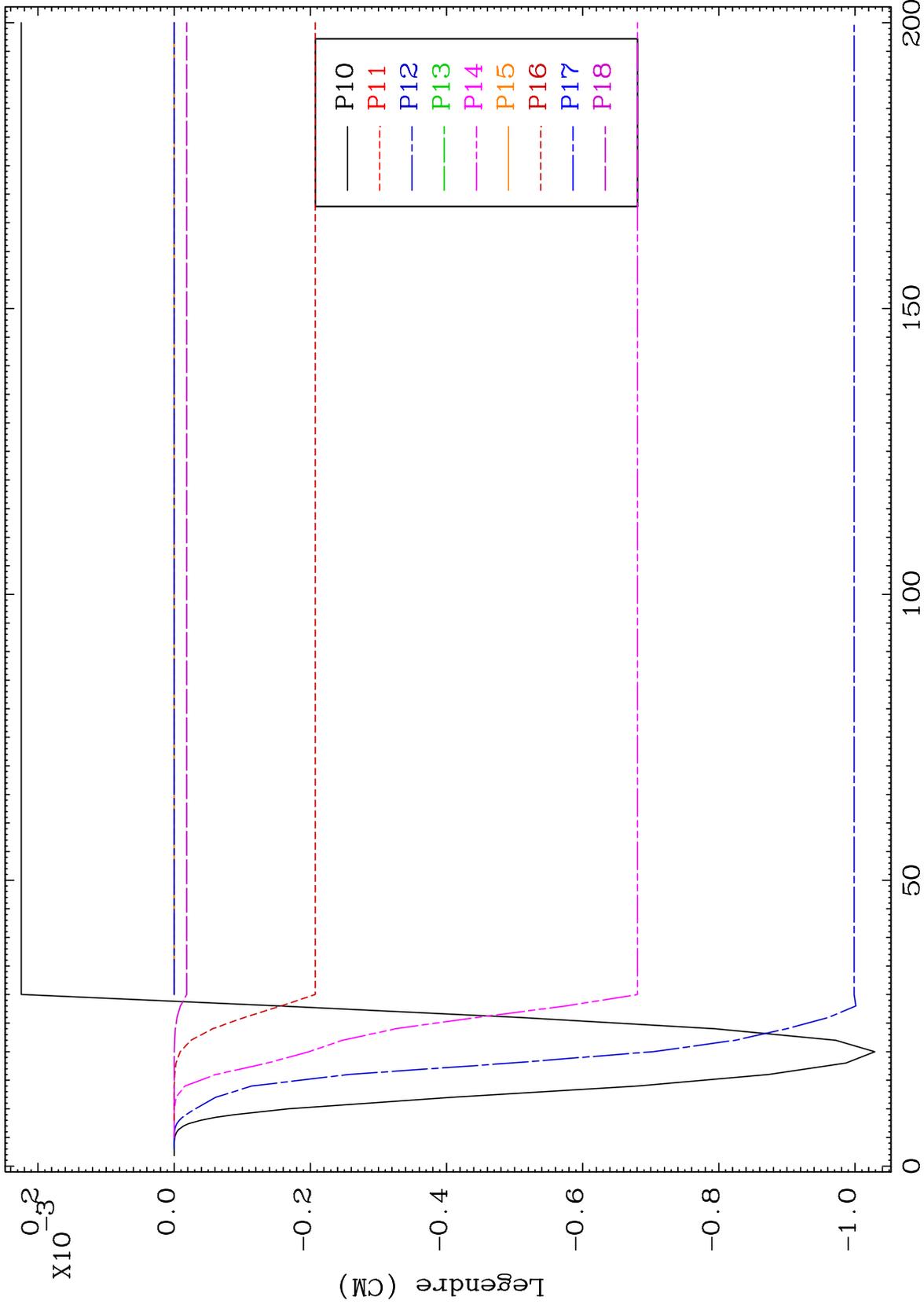
42-Mo-99



MAT 4246

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

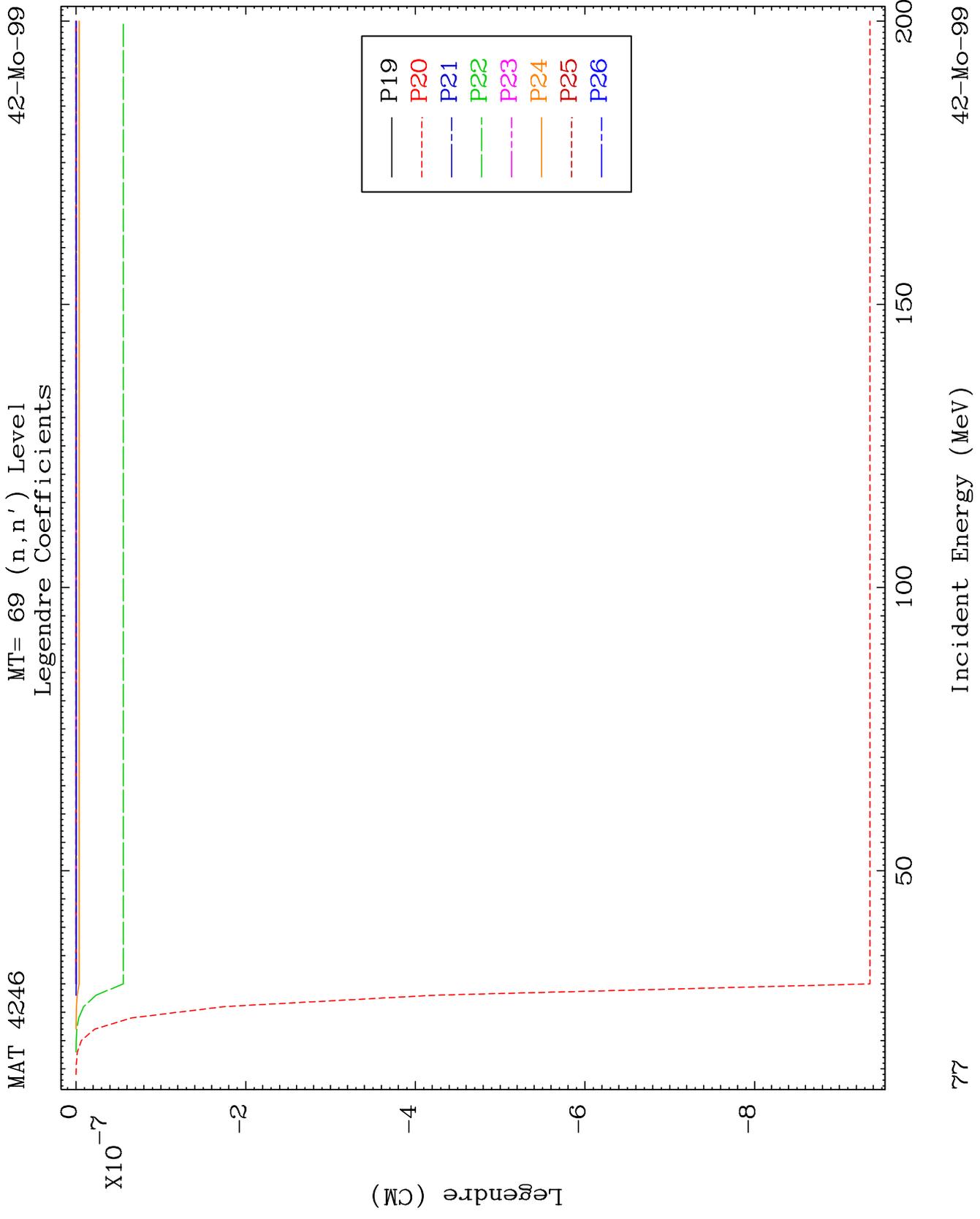
42-Mo-99

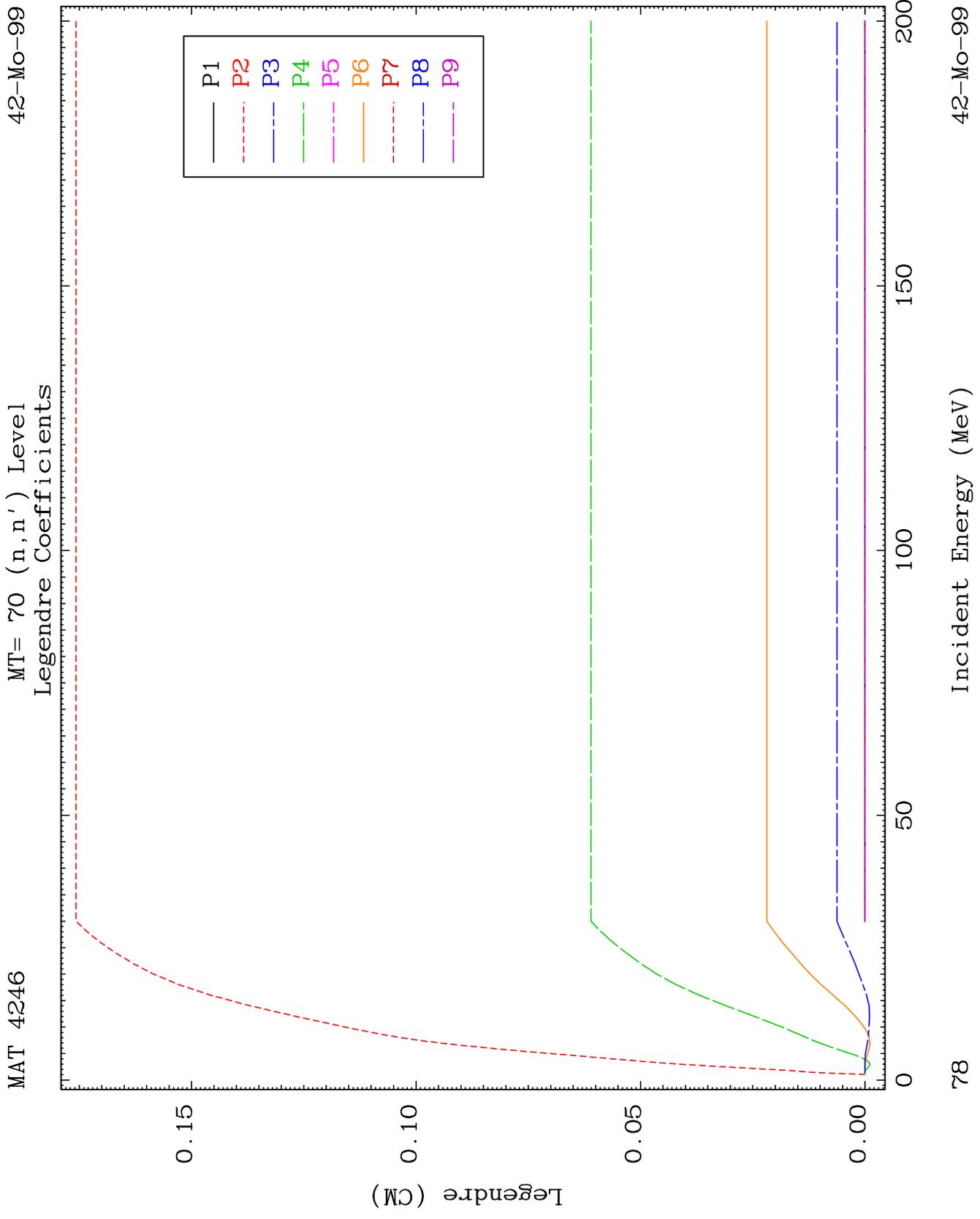


76

Incident Energy (MeV)

42-Mo-99

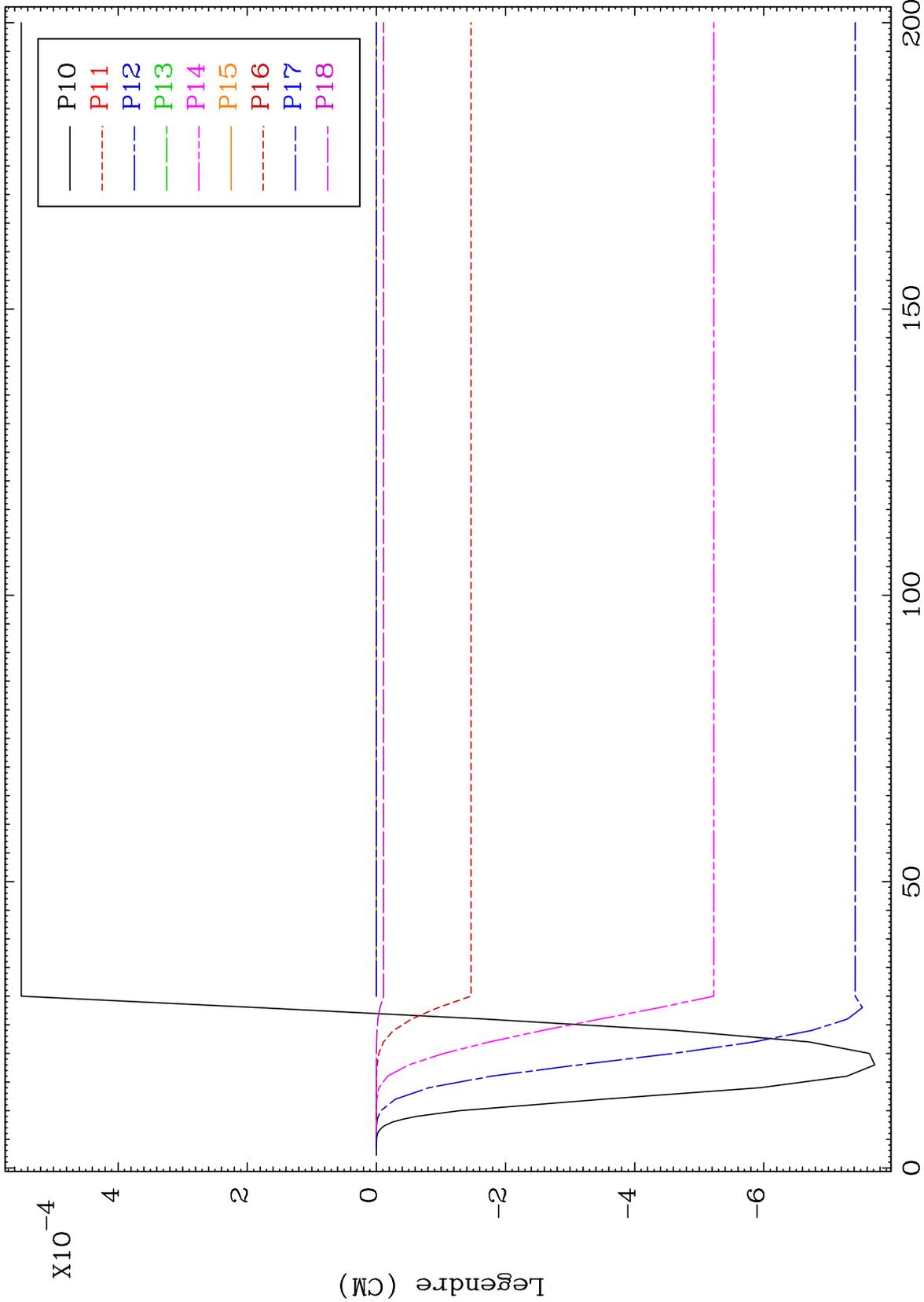




MAT 4246

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

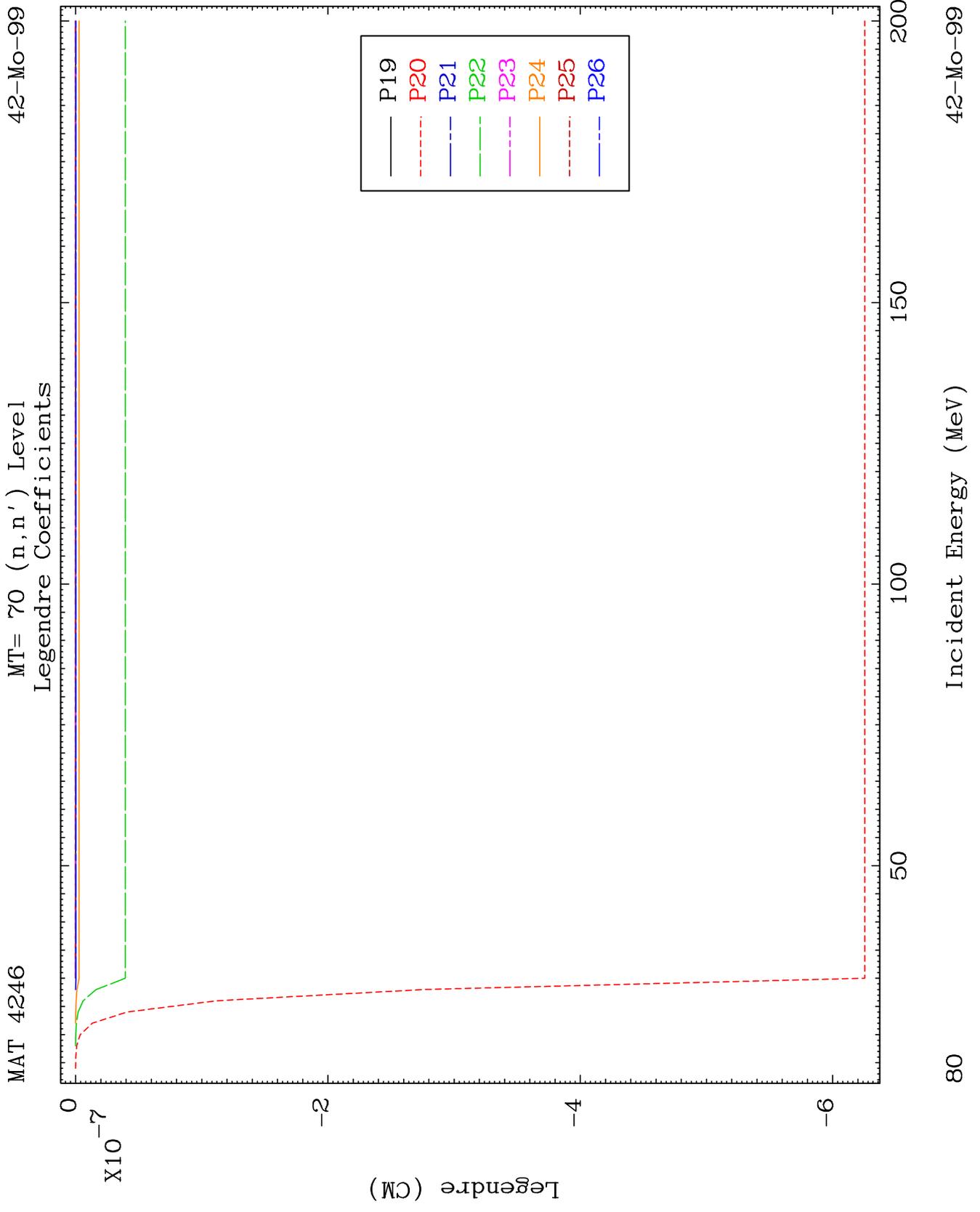
42-Mo-99



79

Incident Energy (MeV)

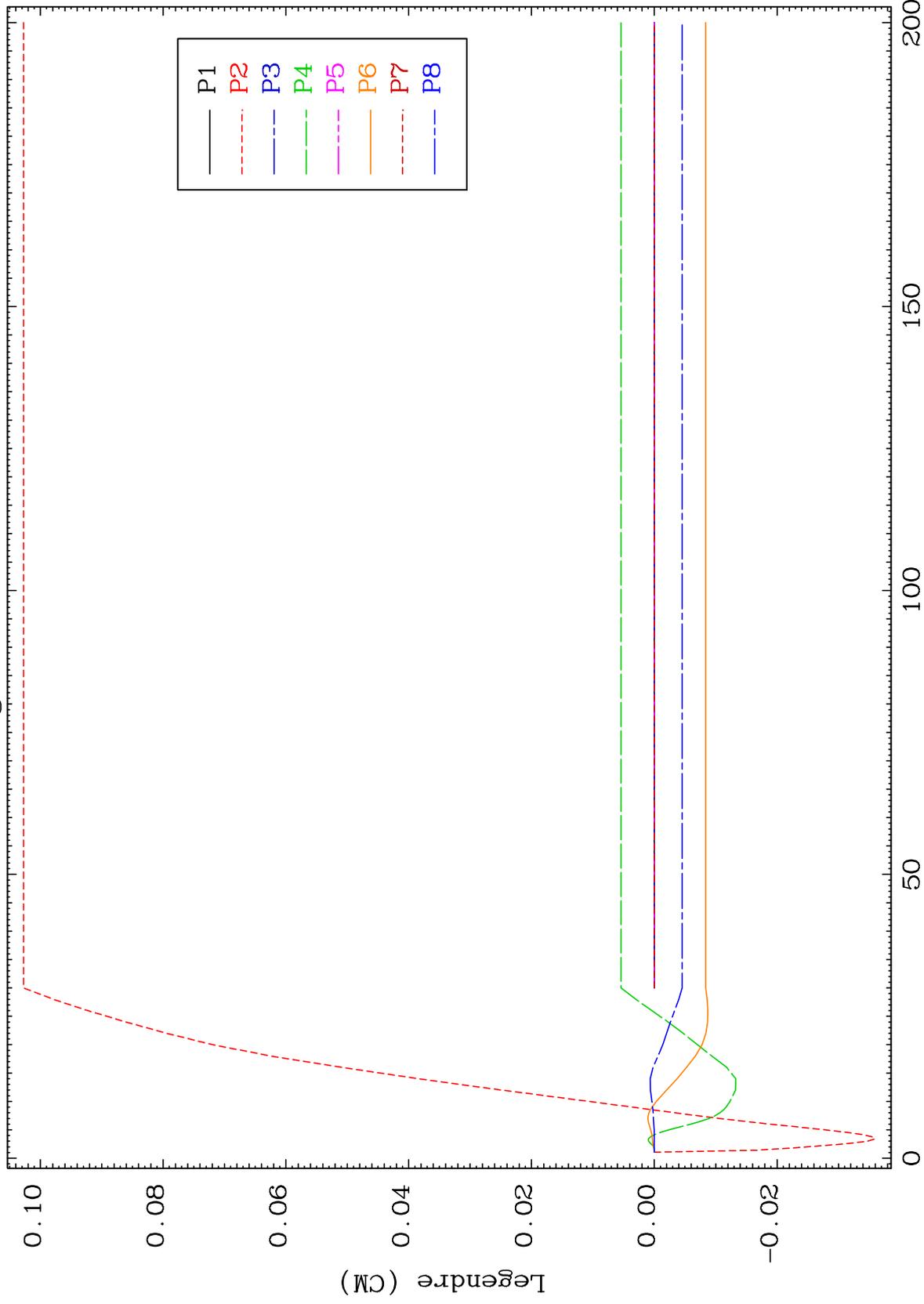
42-Mo-99



MAT 4246

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

42-Mo-99



81

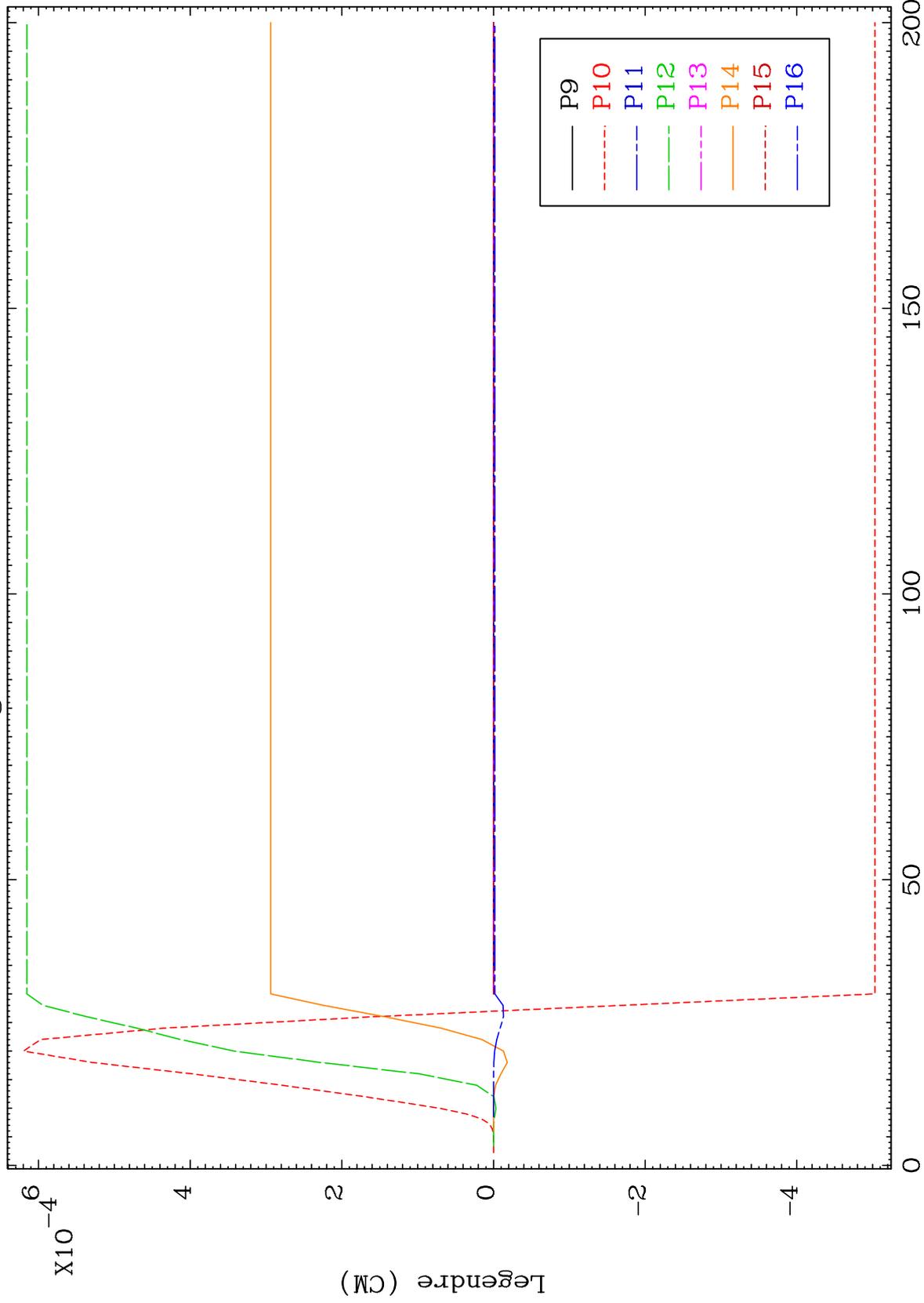
Incident Energy (MeV)

42-Mo-99

MAT 4246

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

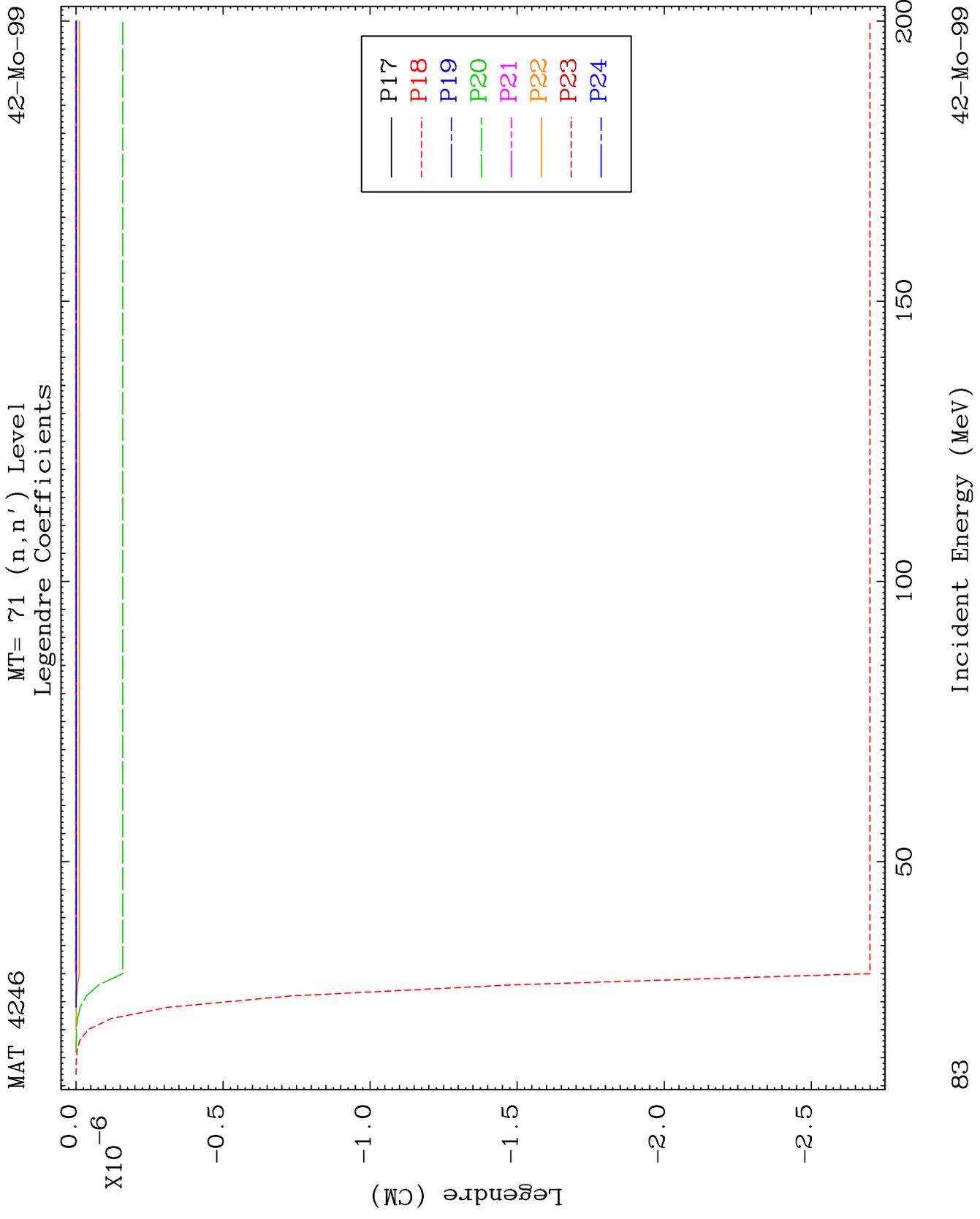
42-Mo-99



82

Incident Energy (MeV)

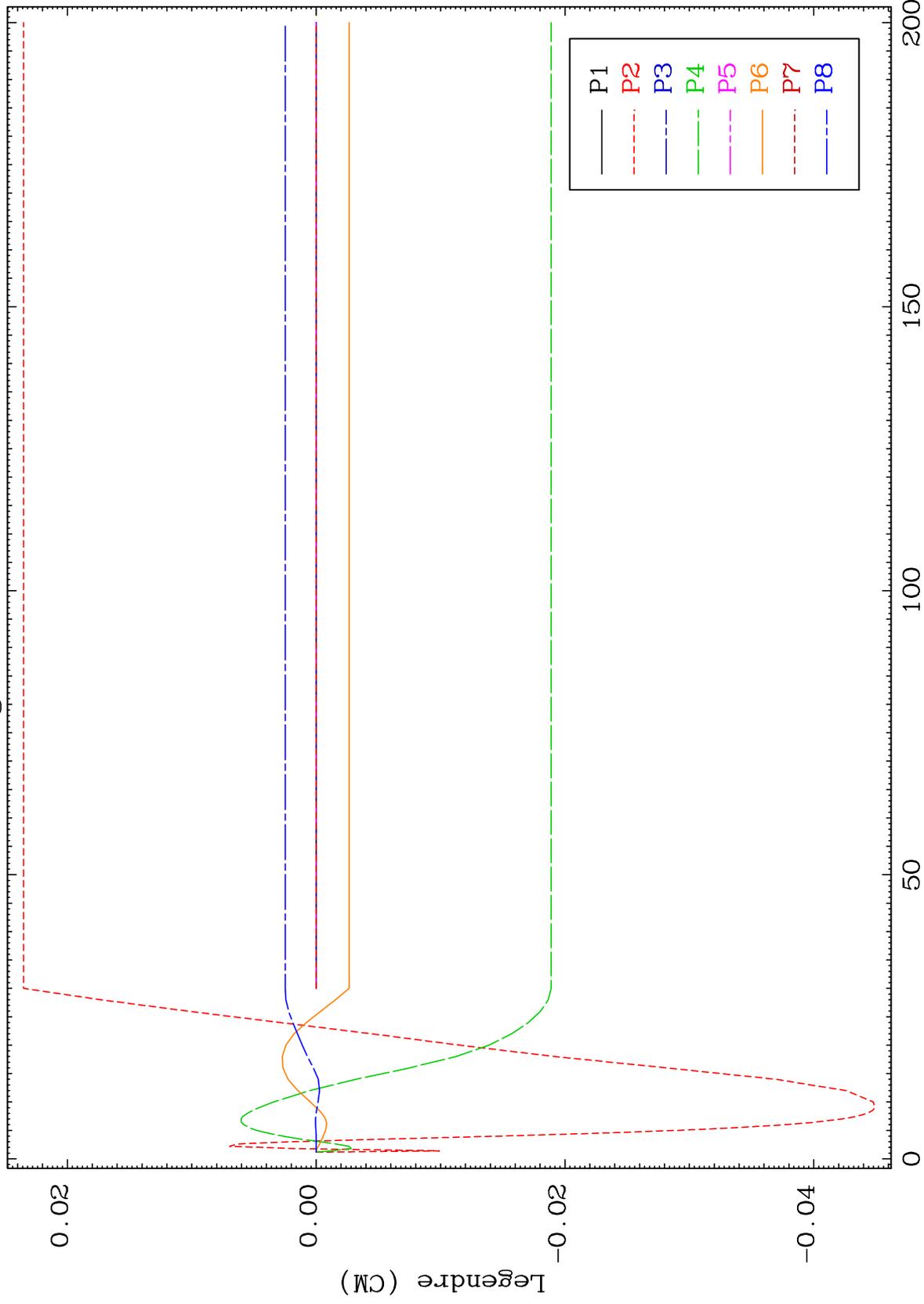
42-Mo-99



MAT 4246

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

42-Mo-99



84

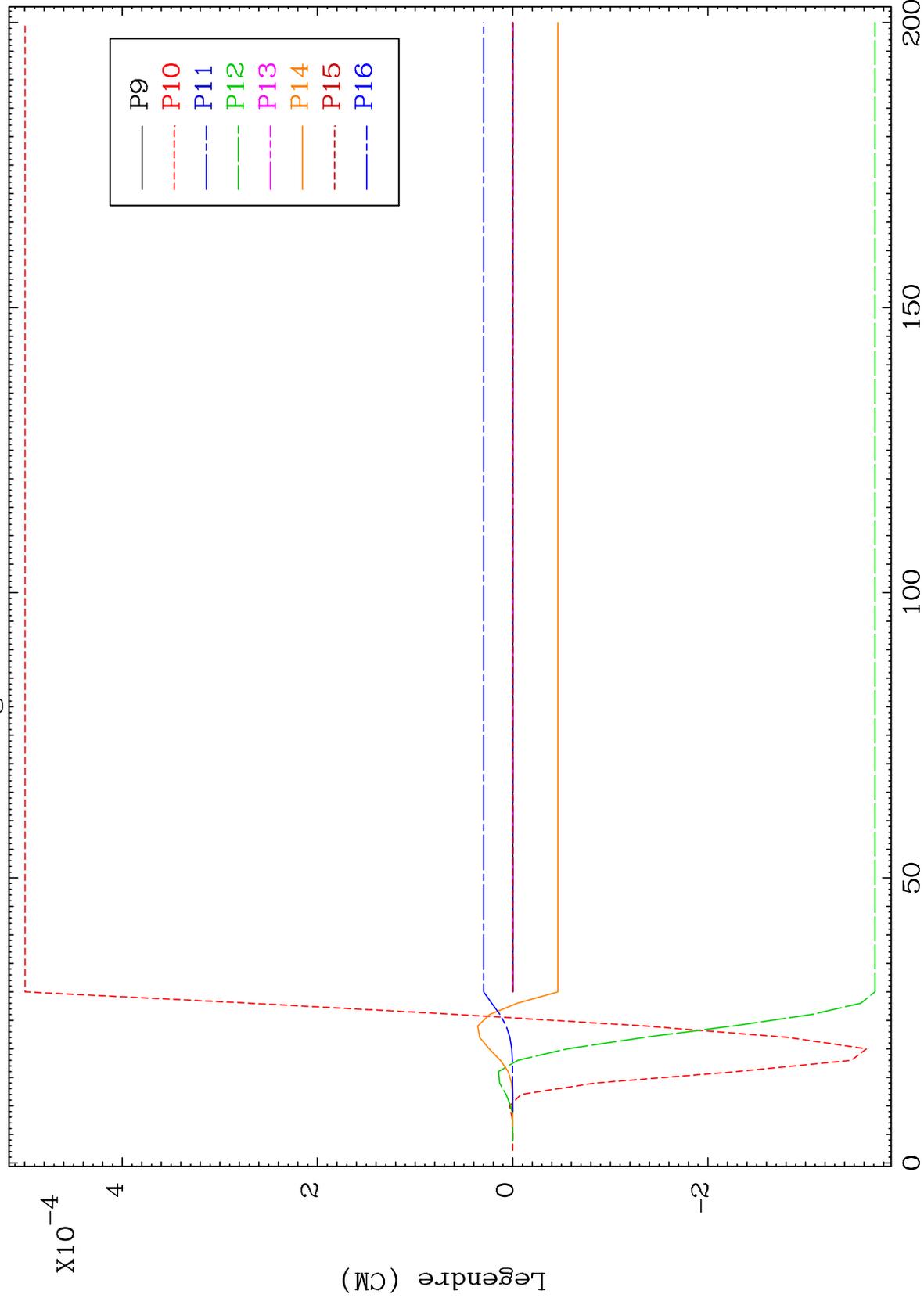
Incident Energy (MeV)

42-Mo-99

MAT 4246

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

42-Mo-99



85

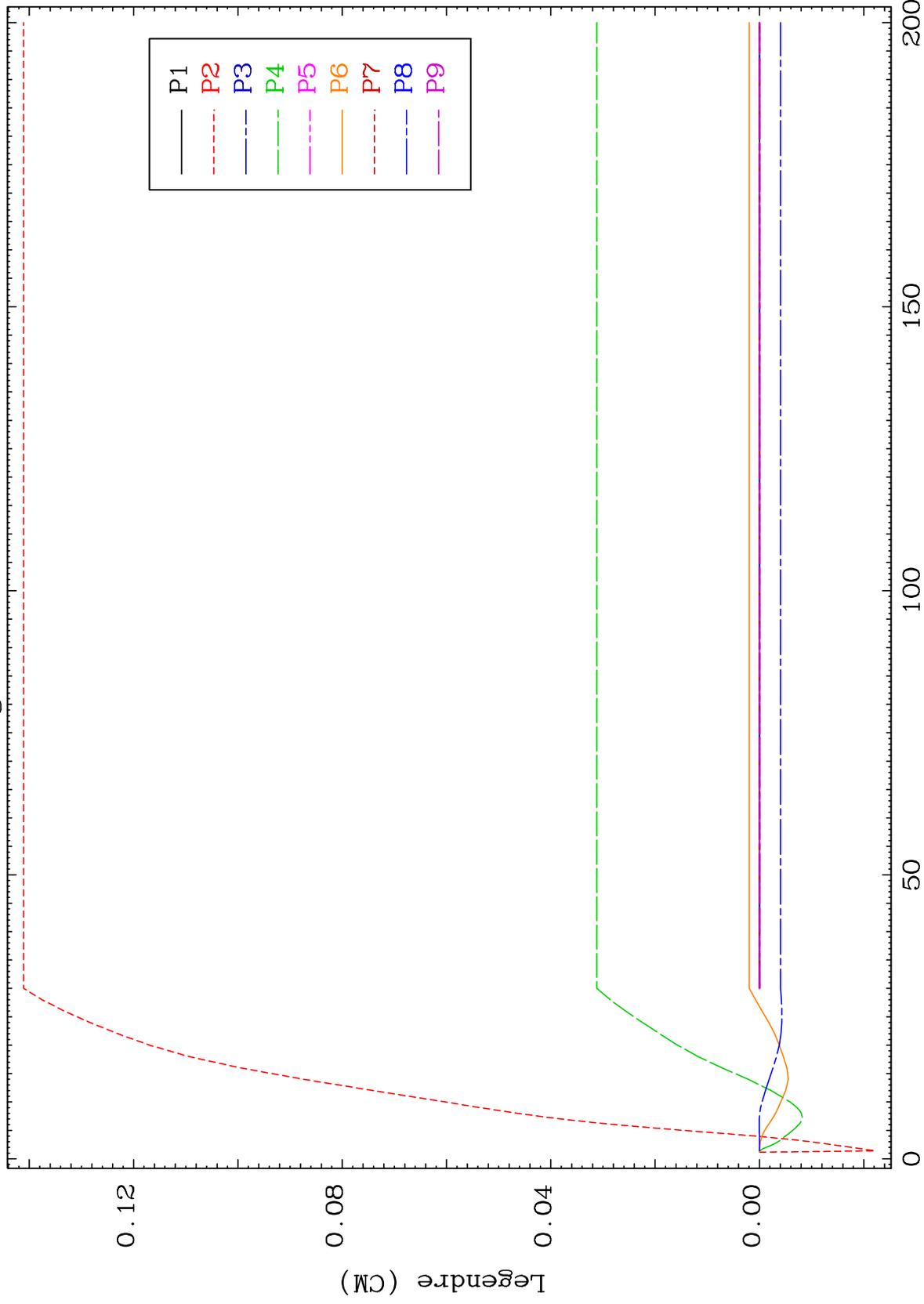
Incident Energy (MeV)

42-Mo-99

MAT 4246

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

42-Mo-99



42-Mo-99

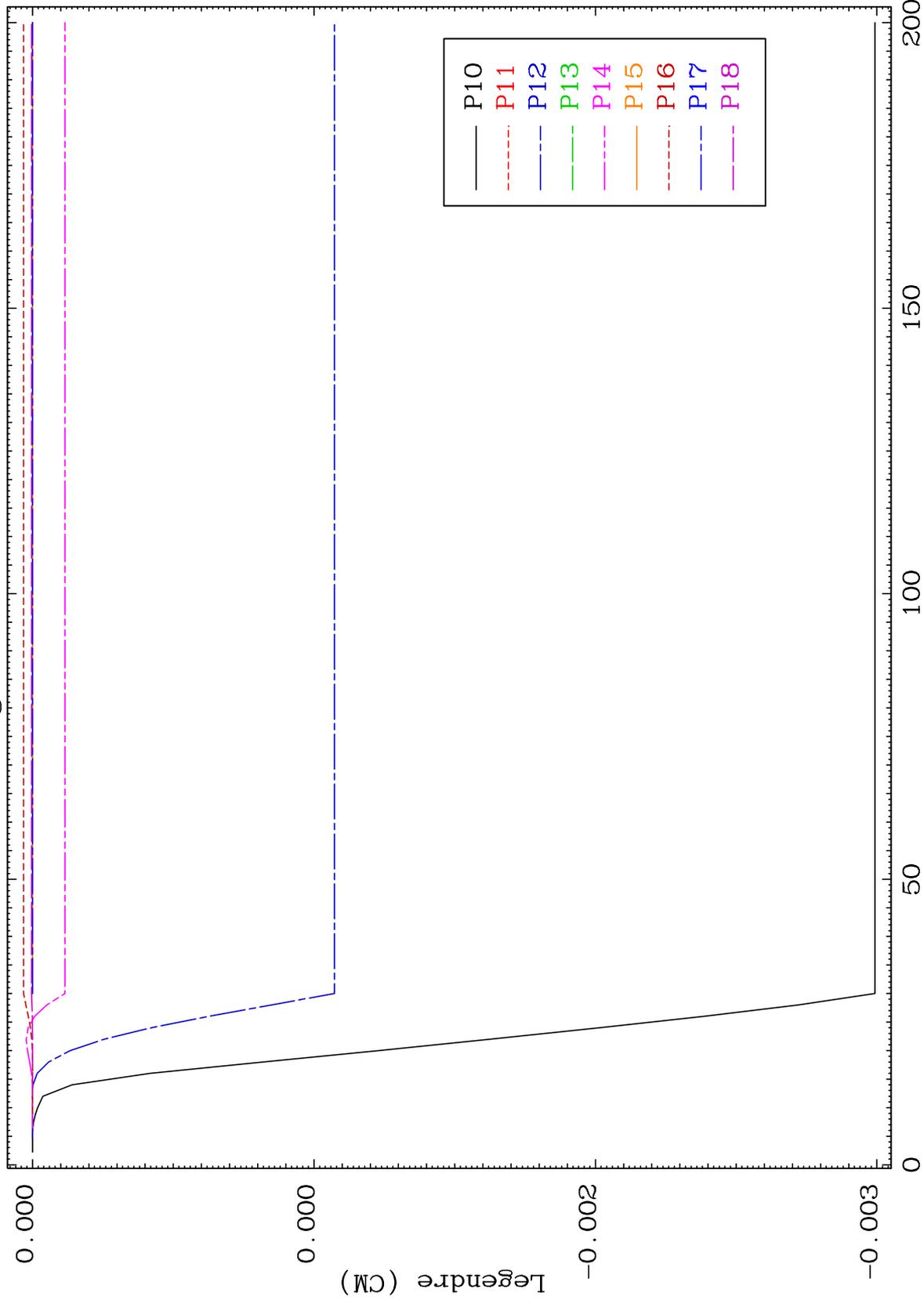
Incident Energy (MeV)

87

MAT 4246

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

42-Mo-99



88

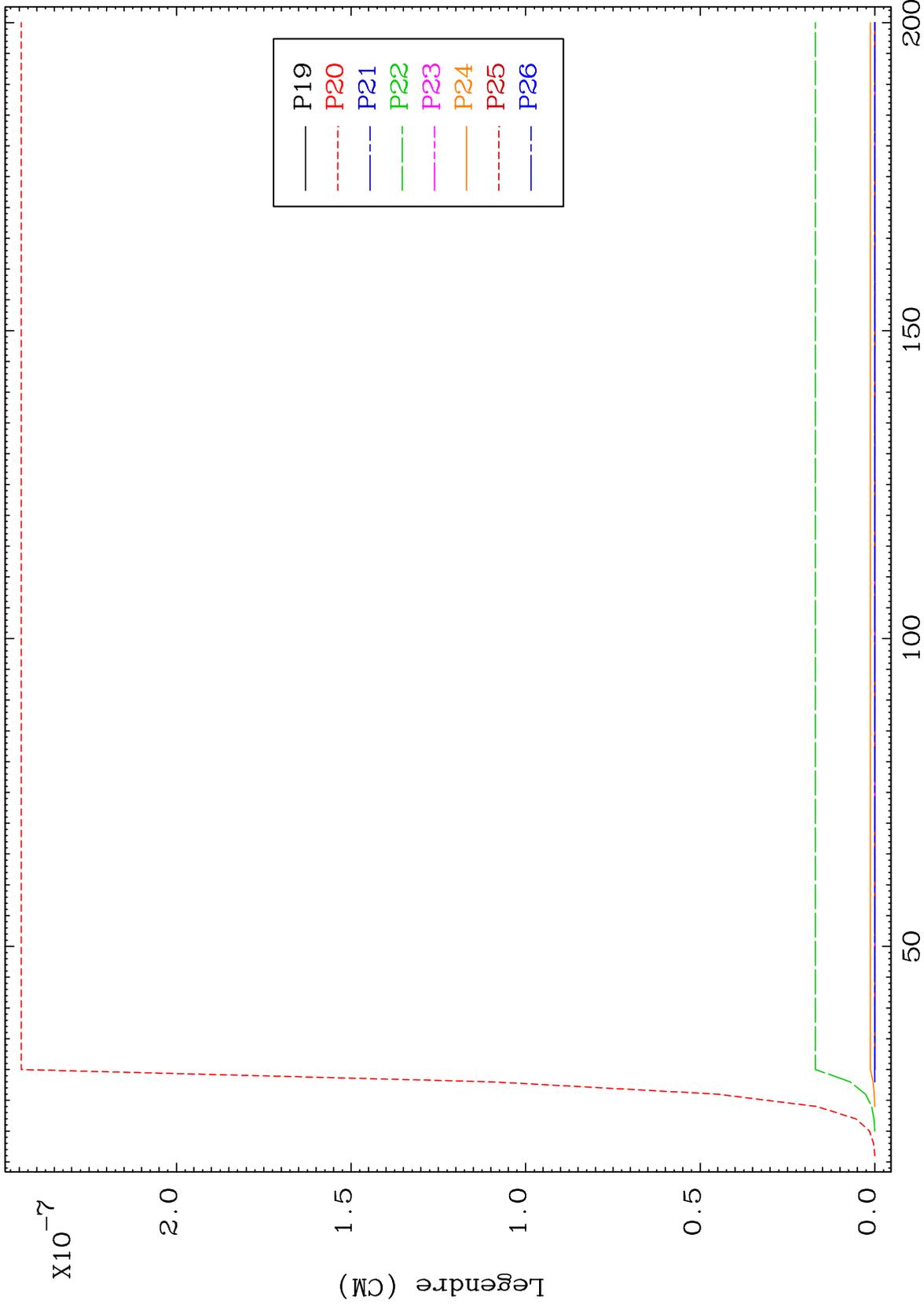
Incident Energy (MeV)

42-Mo-99

MAT 4246

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

42-Mo-99



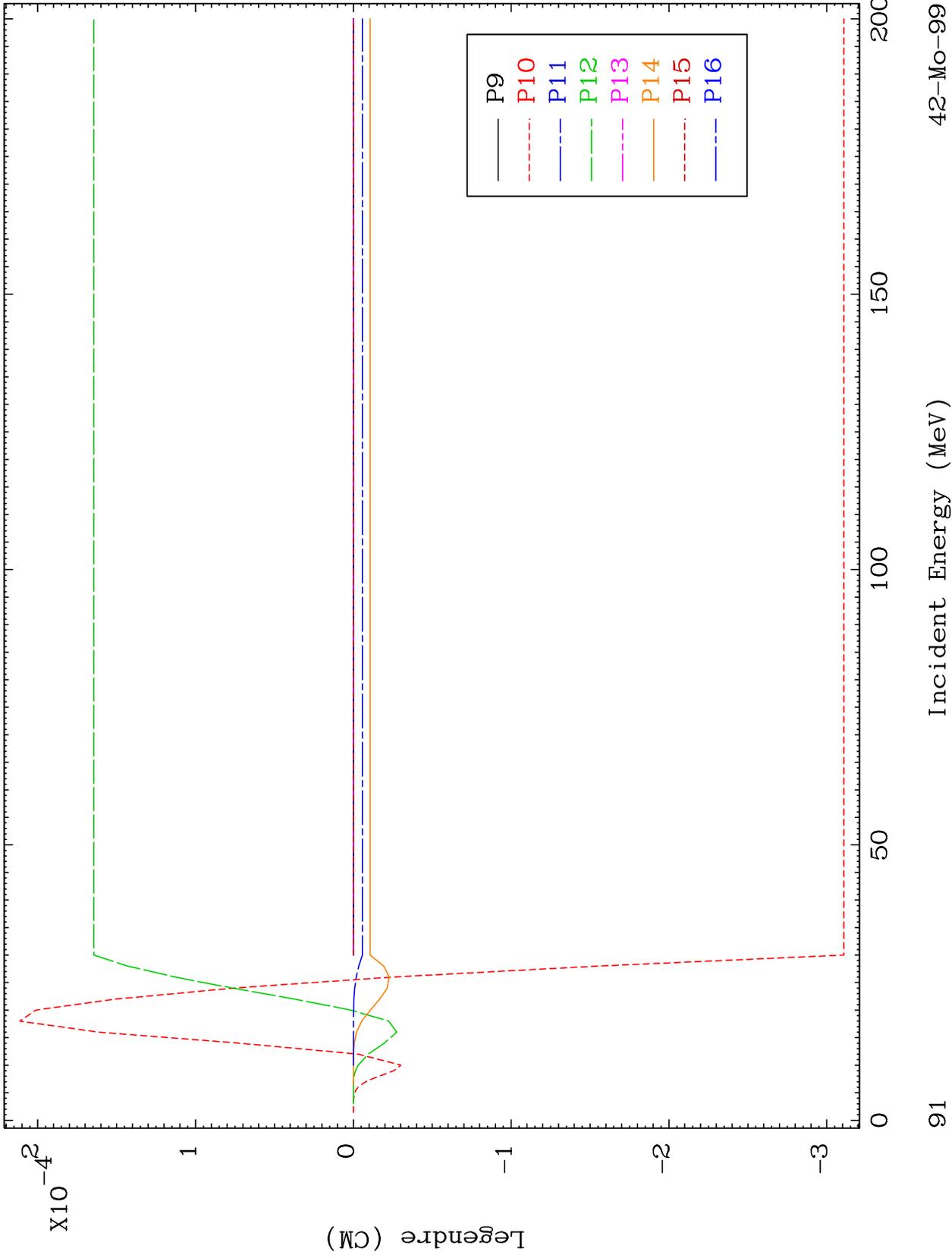
89

42-Mo-99

MAT 4246

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

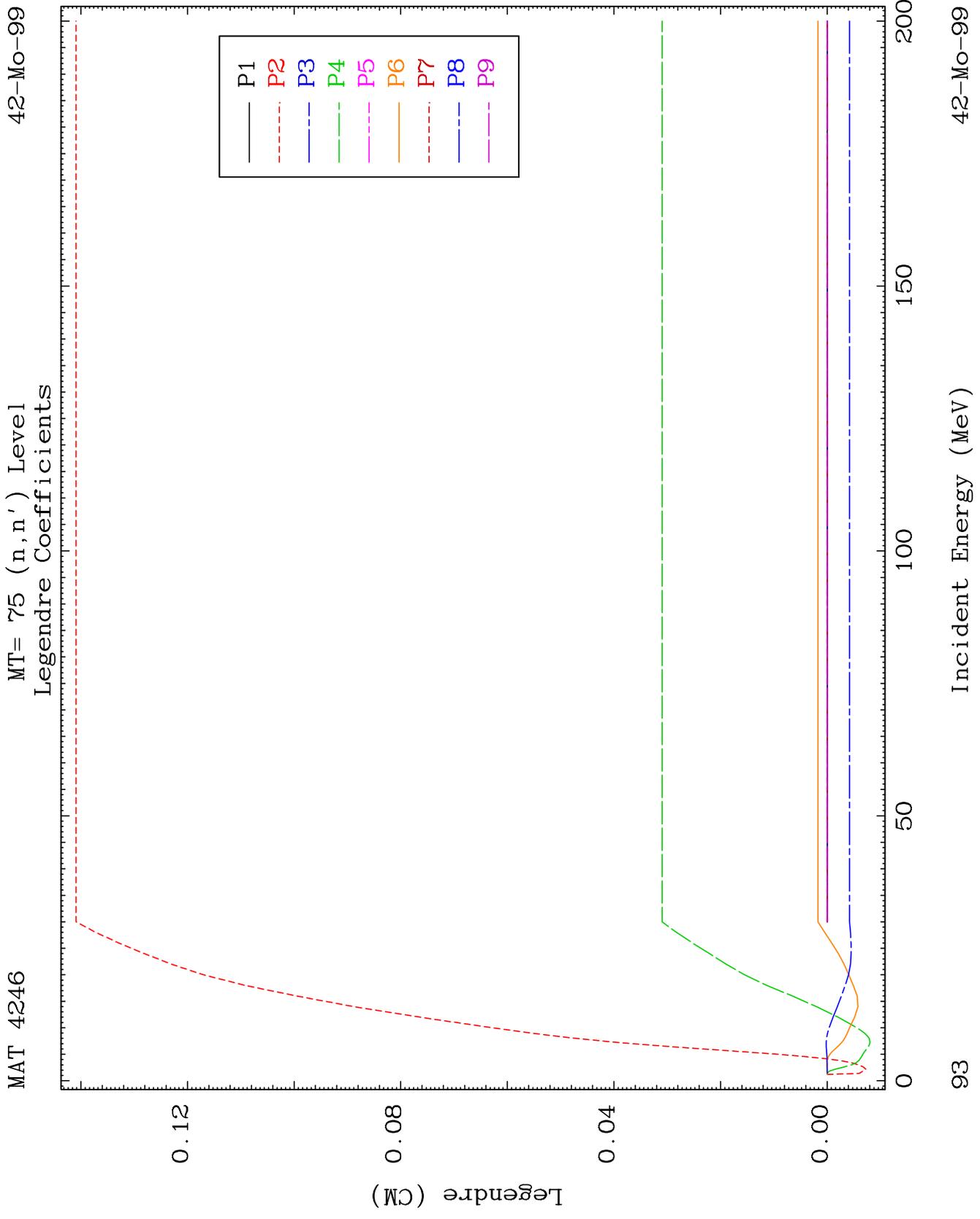
42-Mo-99



91

Incident Energy (MeV)

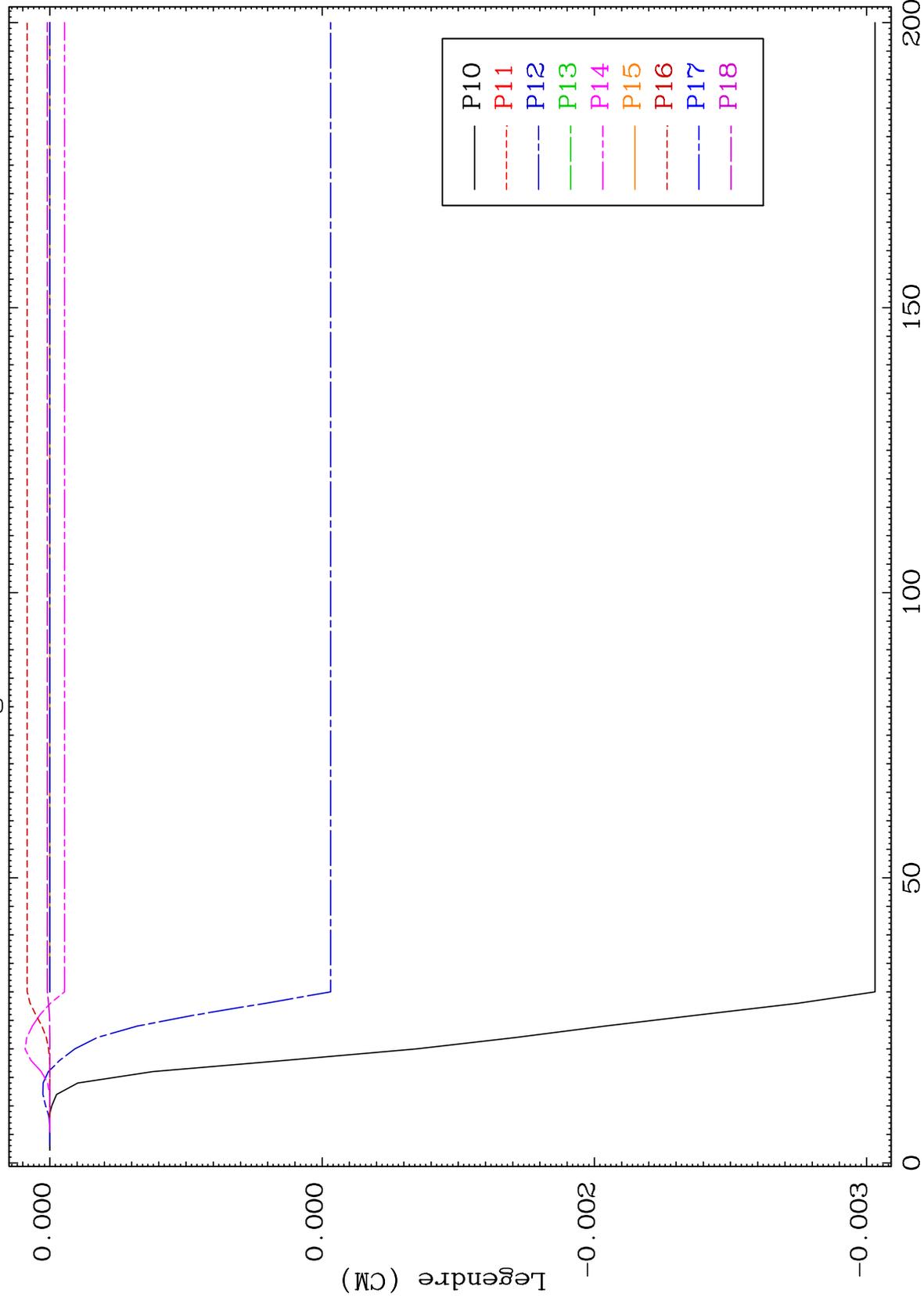
42-Mo-99



MAT 4246

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

42-Mo-99



94

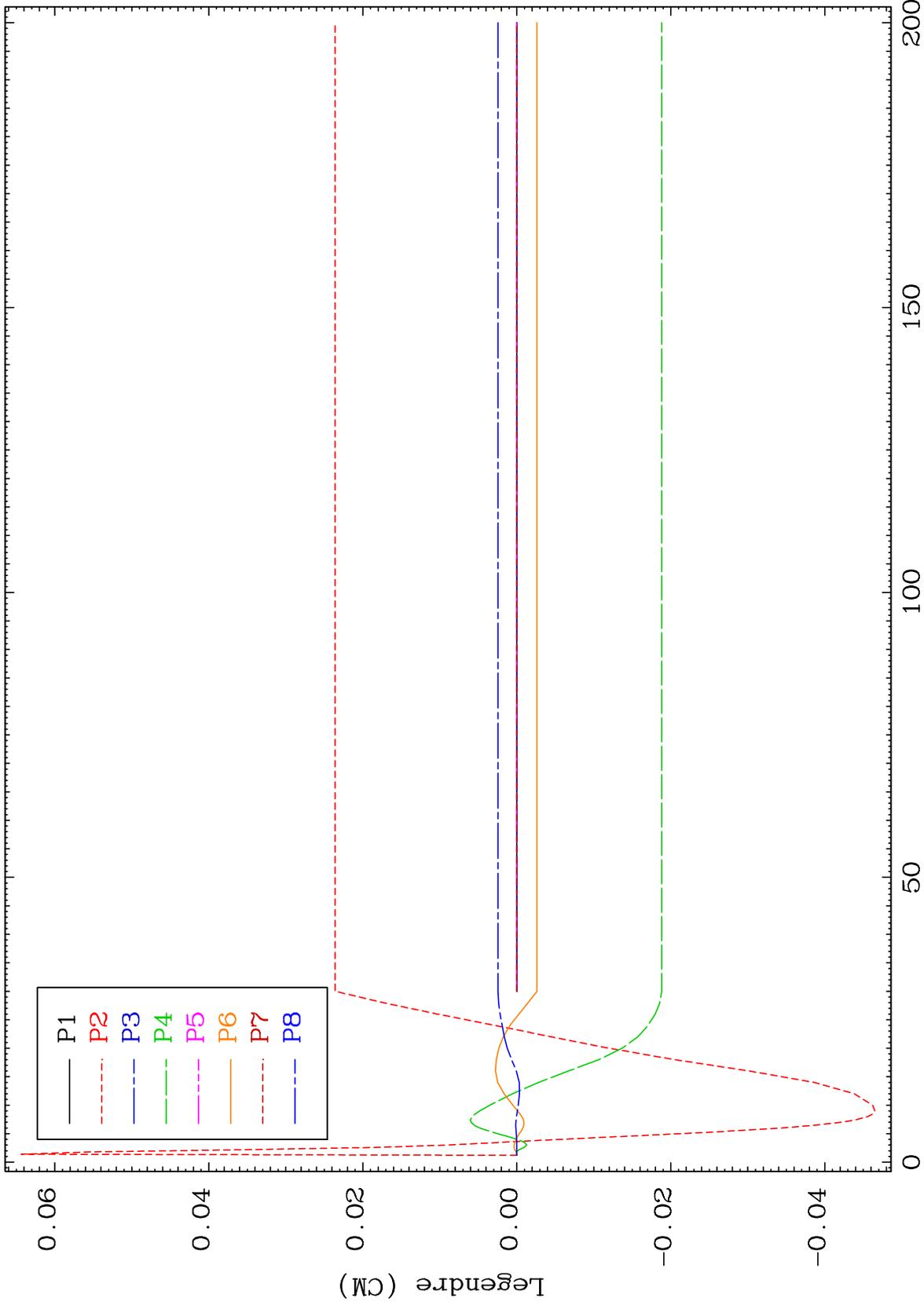
Incident Energy (MeV)

42-Mo-99

MAT 4246

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

42-Mo-99



96

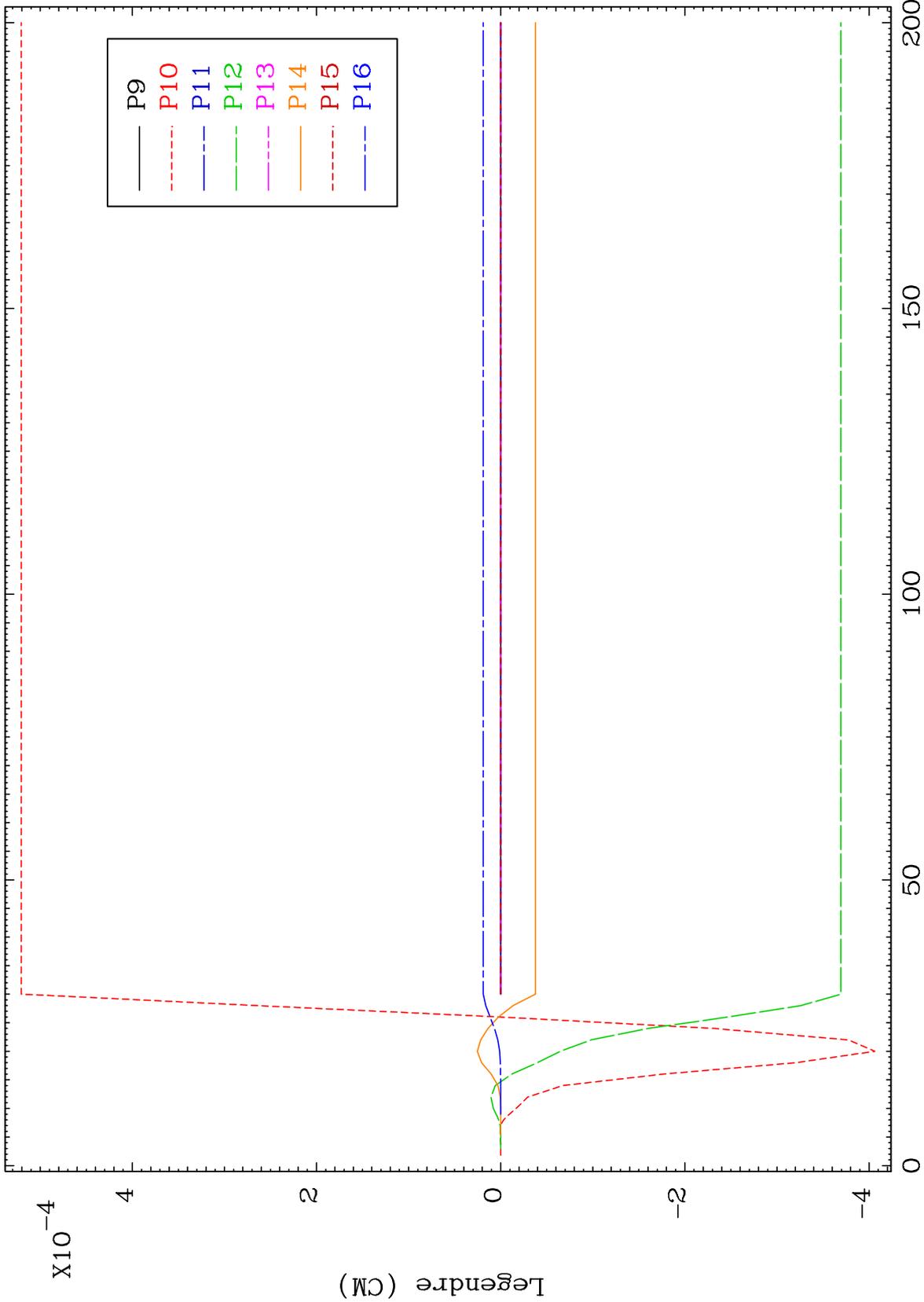
Incident Energy (MeV)

42-Mo-99

MAT 4246

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

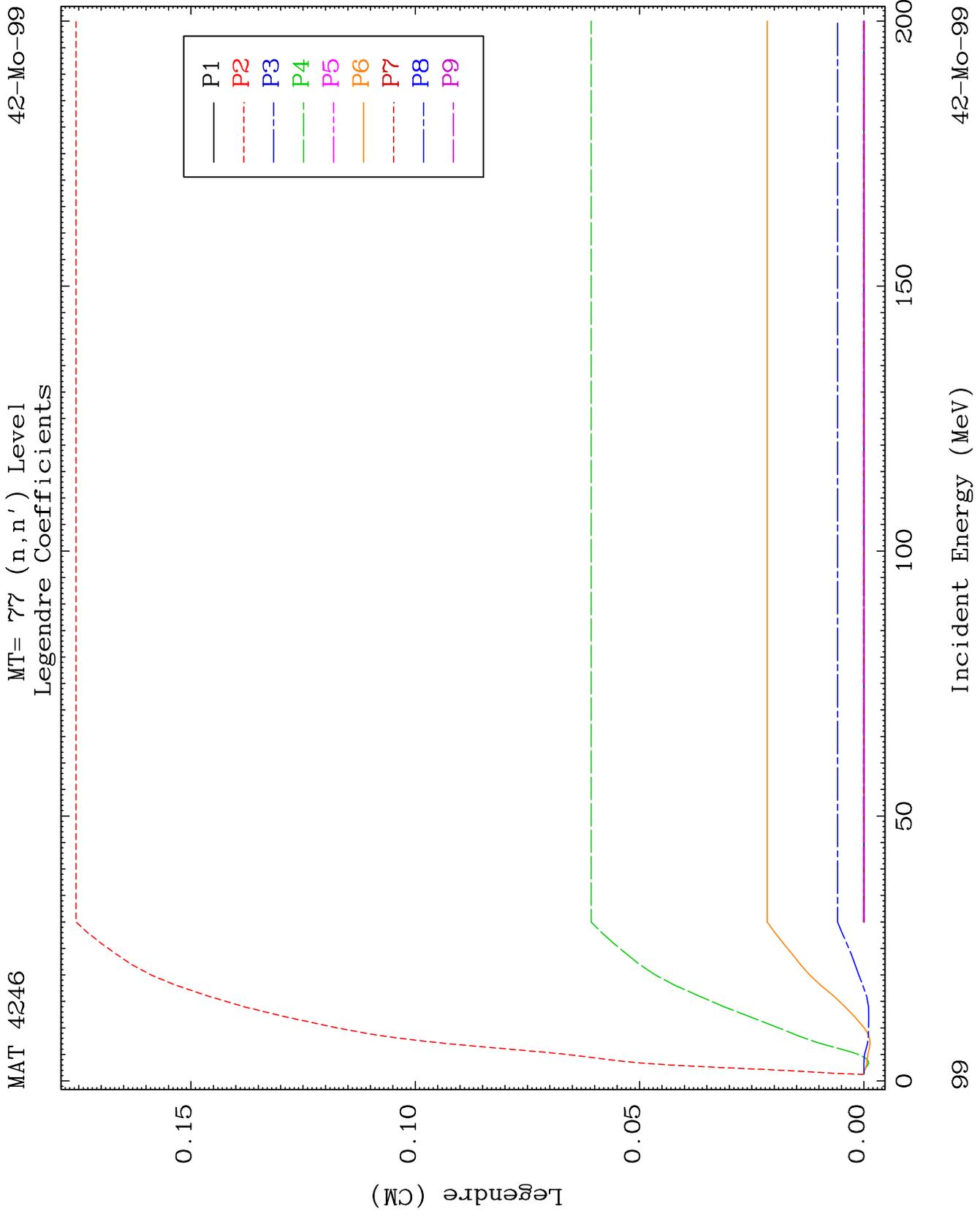
42-Mo-99



97

Incident Energy (MeV)

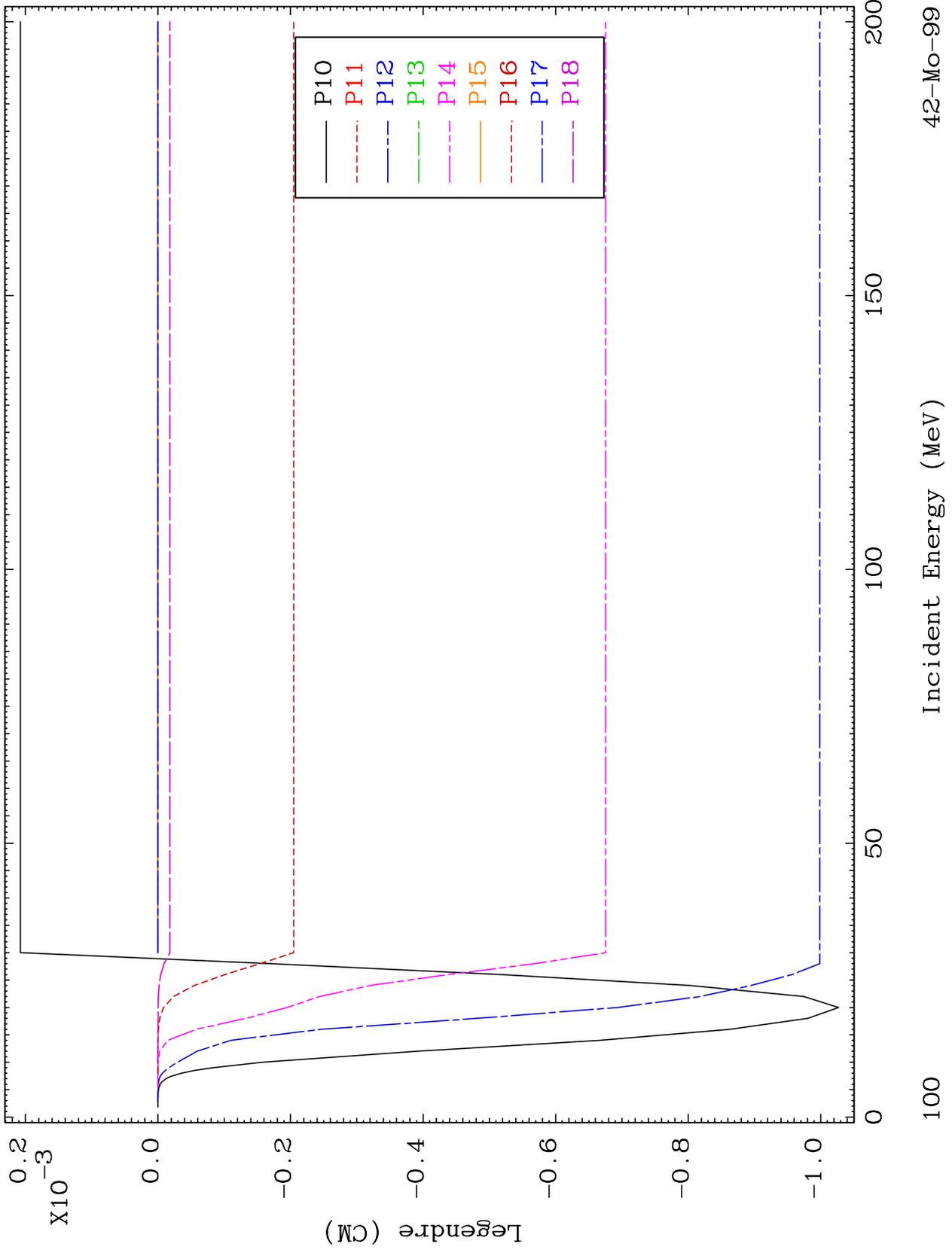
42-Mo-99



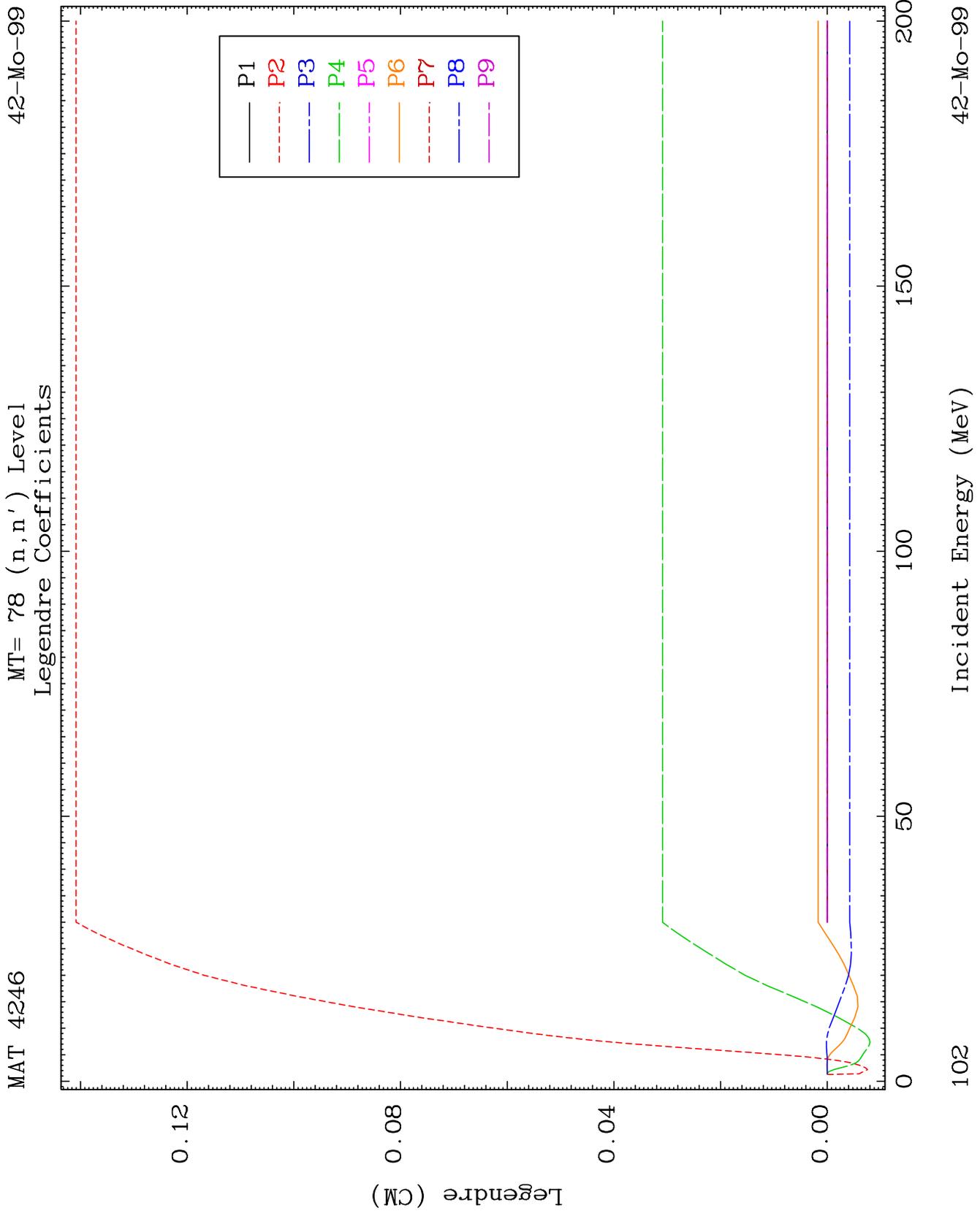
MAT 4246

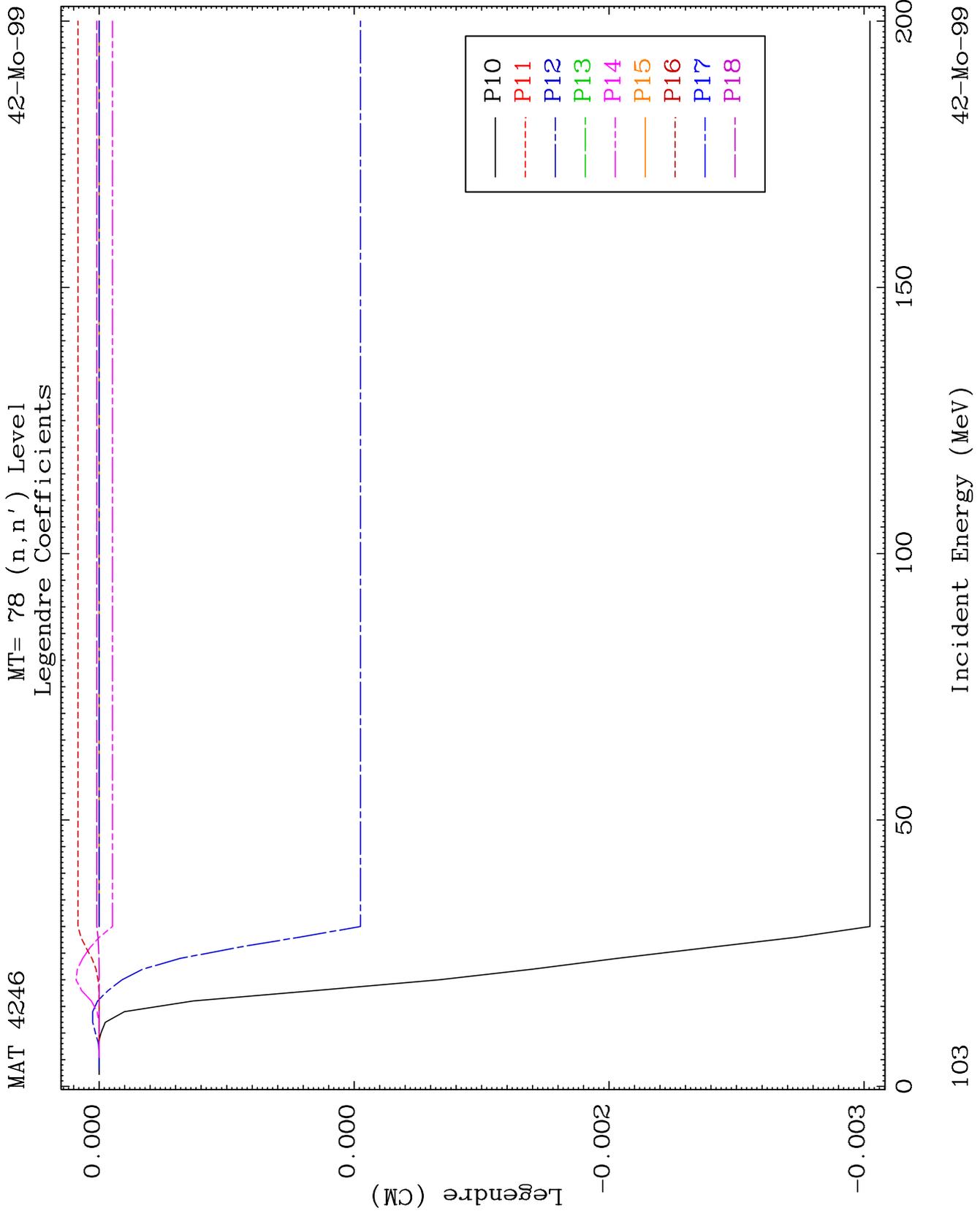
MT= 77 (n,n') Level
Legendre Coefficients

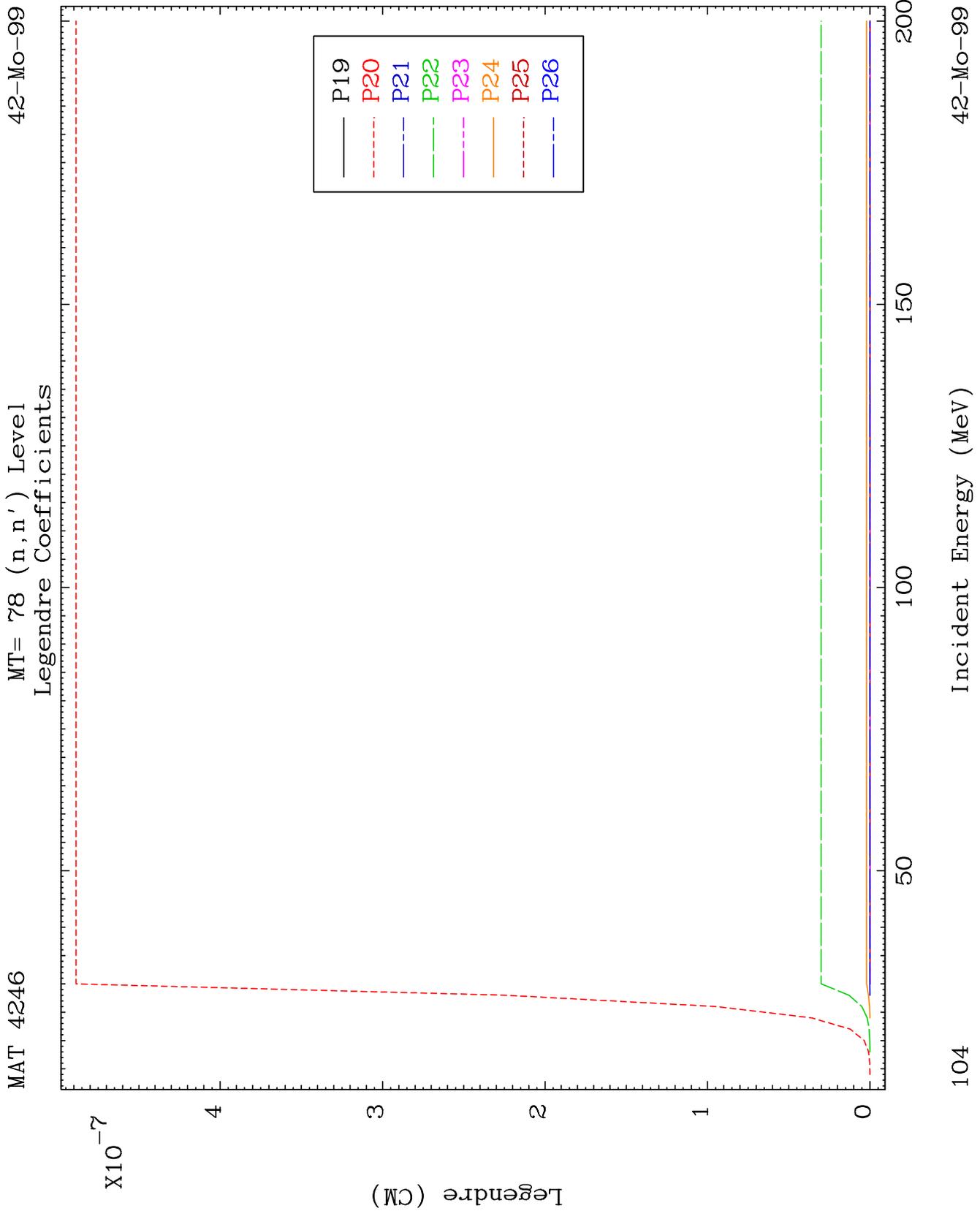
42-Mo-99

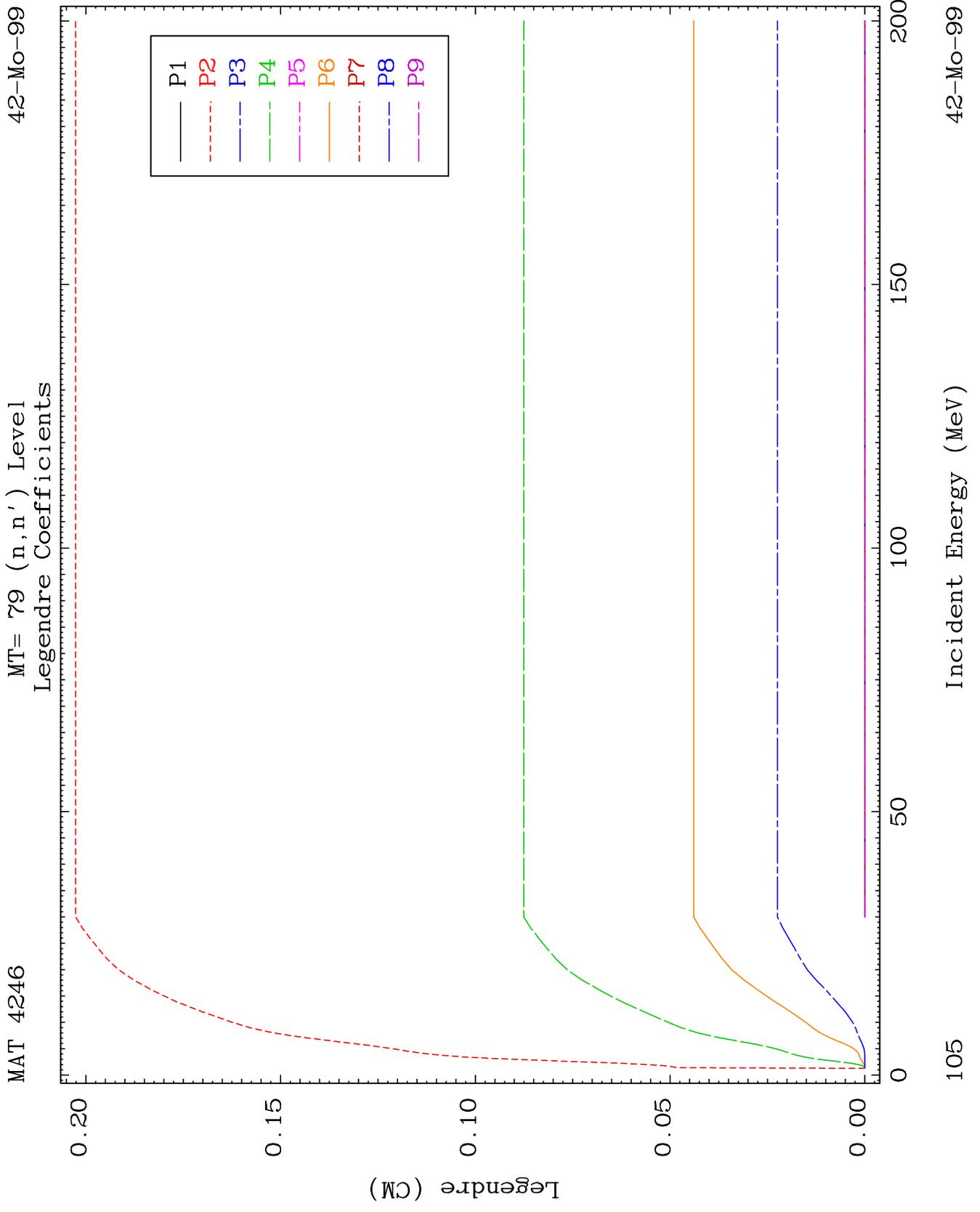


42-Mo-99





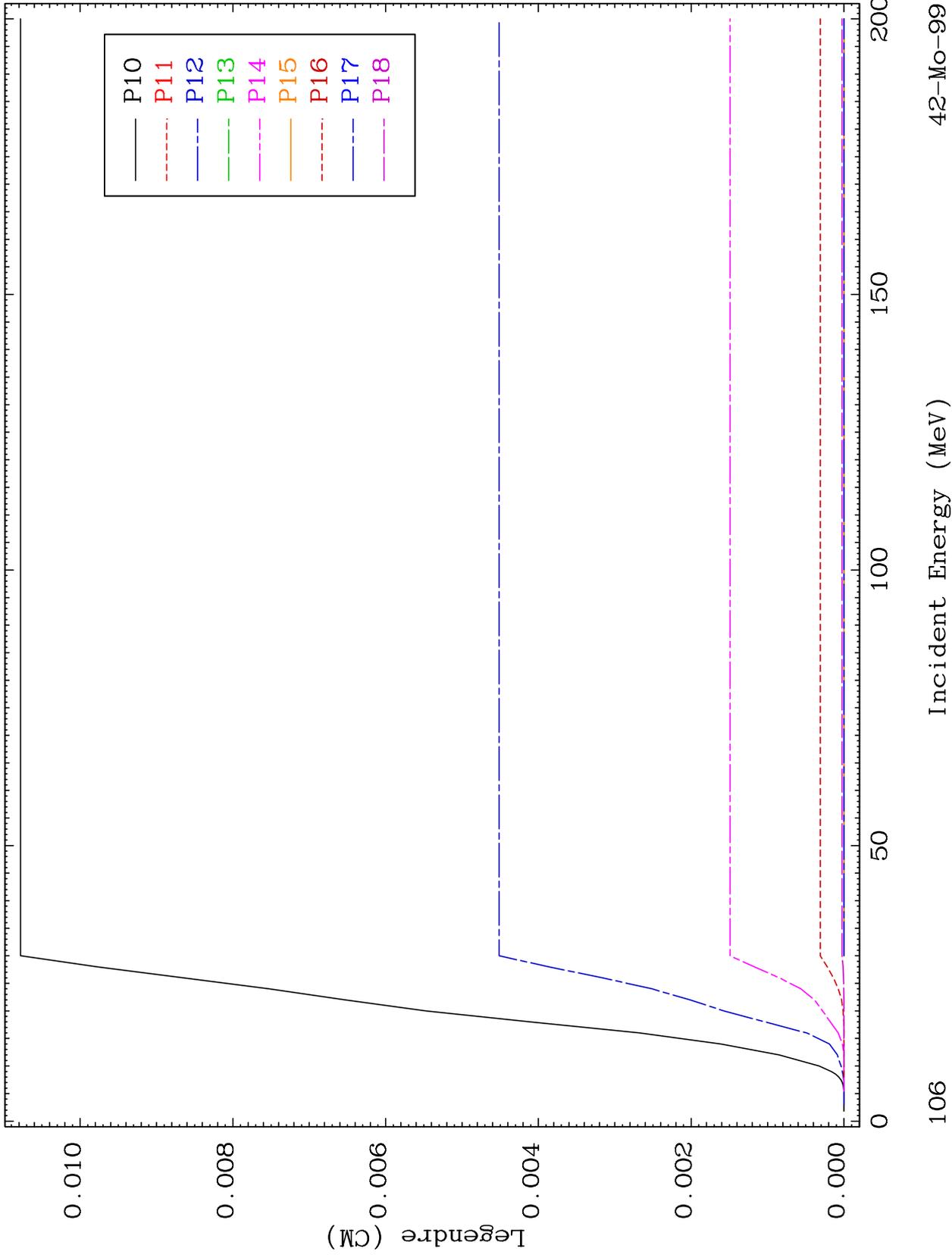




MAT 4246

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

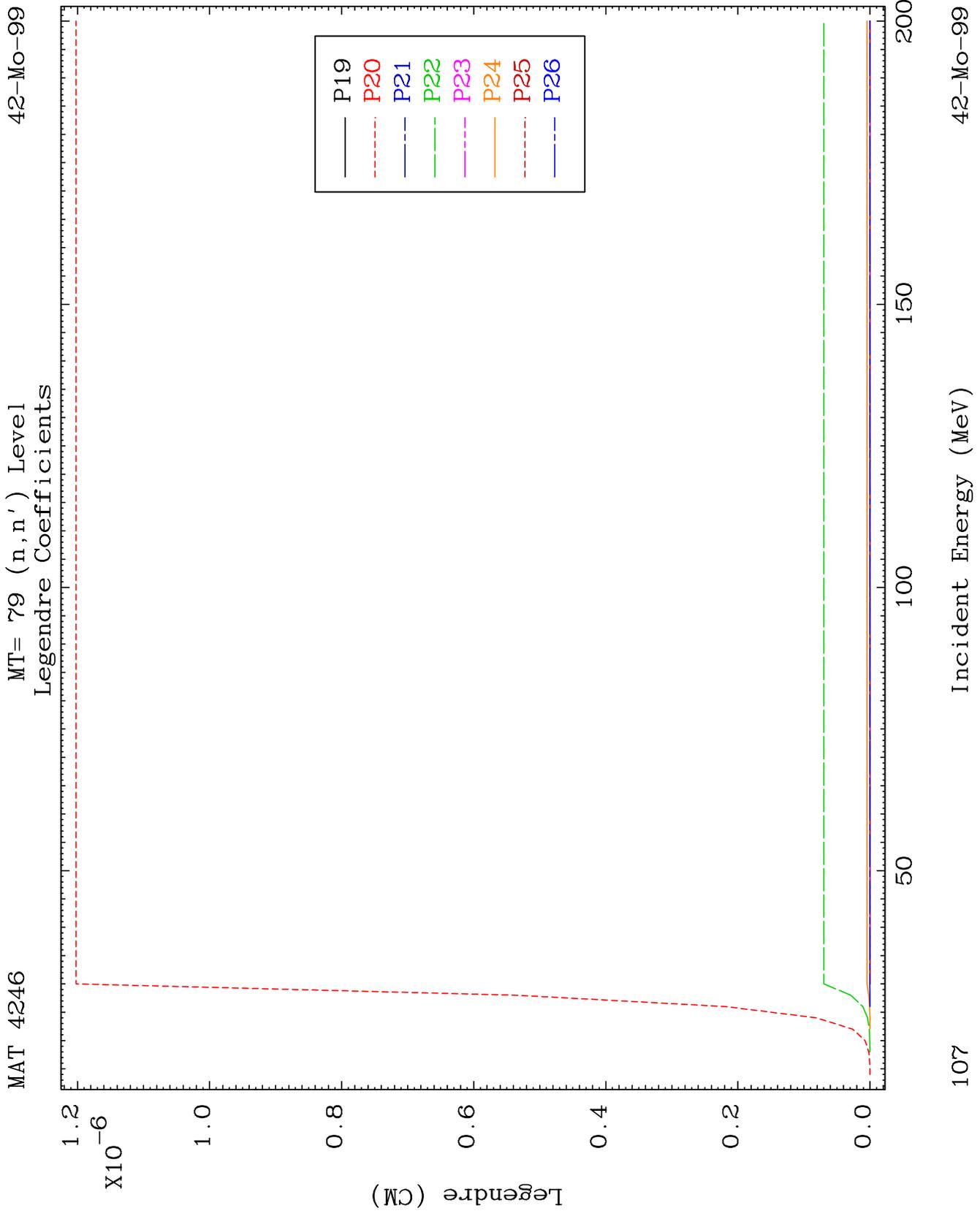
42-Mo-99



106

Incident Energy (MeV)

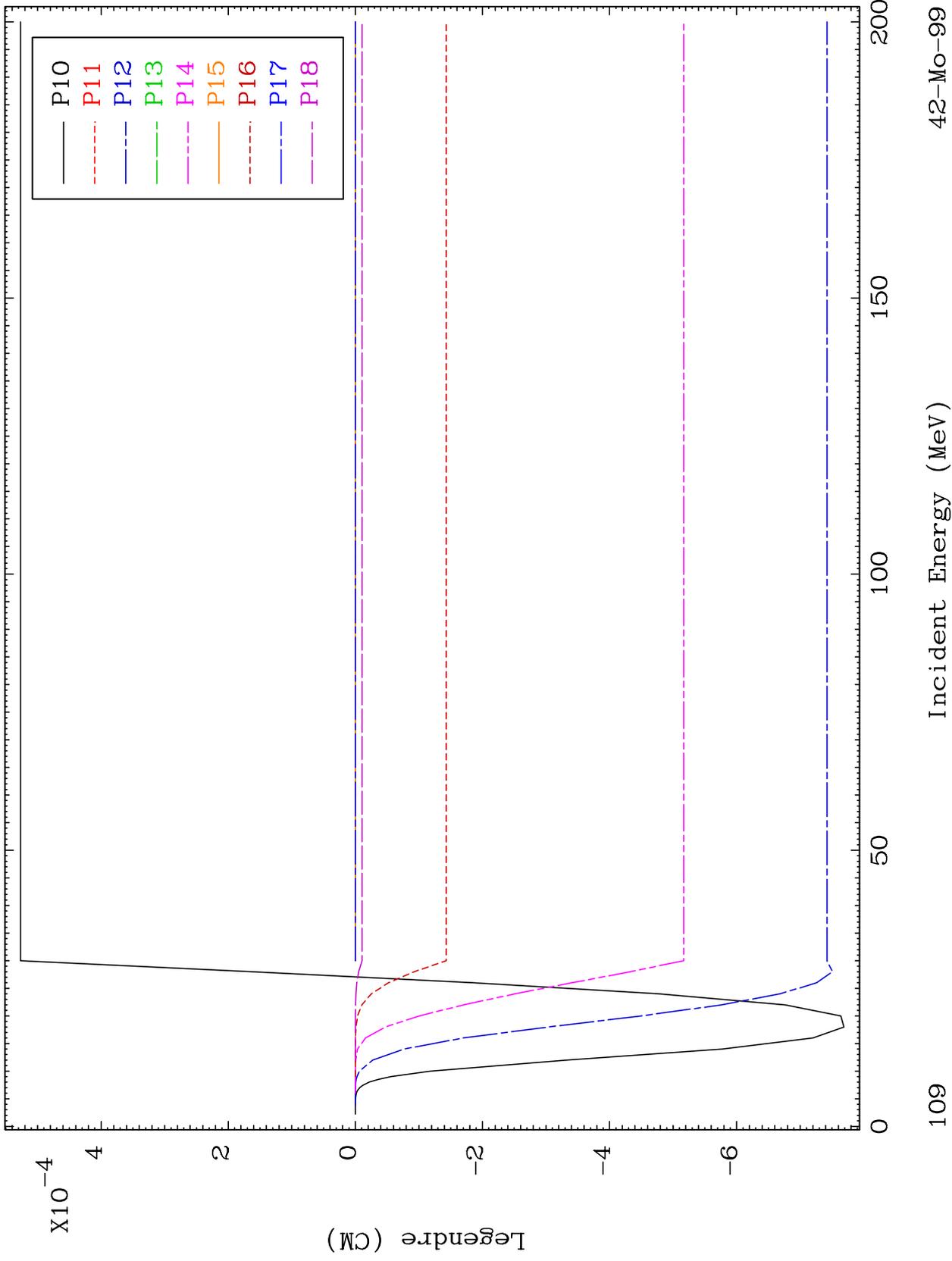
42-Mo-99



MAT 4246

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

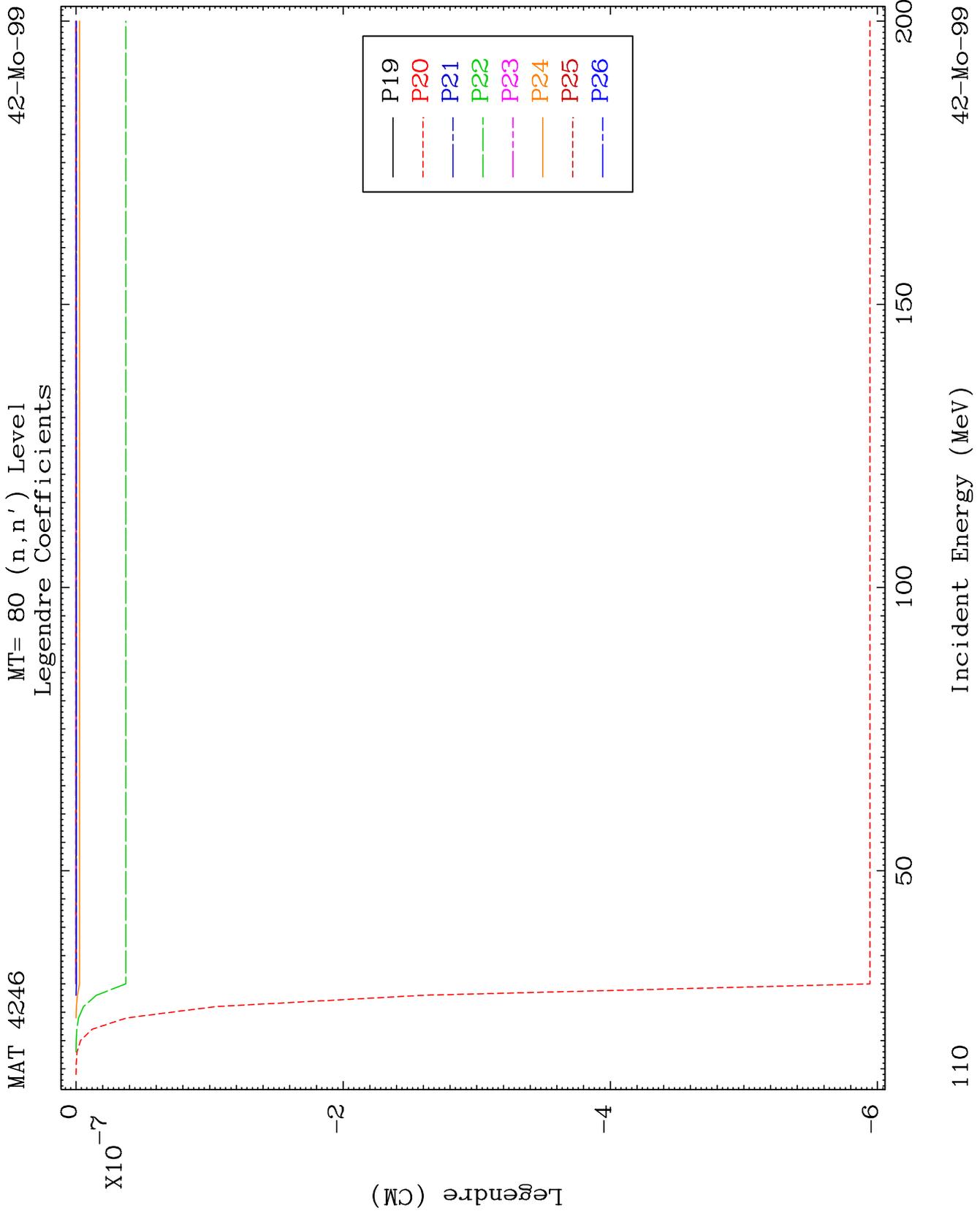
42-Mo-99



109

Incident Energy (MeV)

42-Mo-99

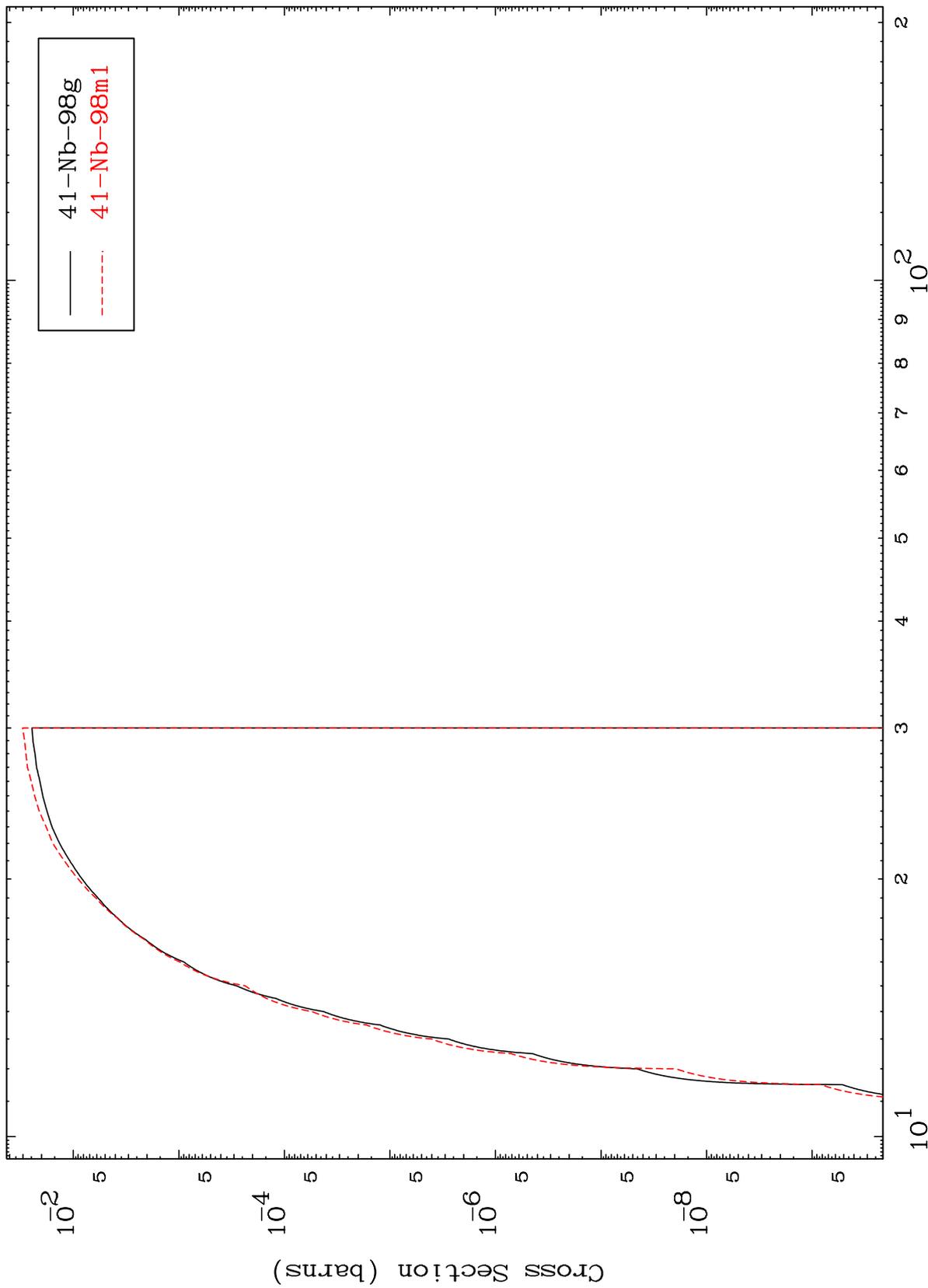


MAT 4246

(n,n') p

42-Mo-99

Radionuclide Production Cross Section



111

Incident Energy (MeV)

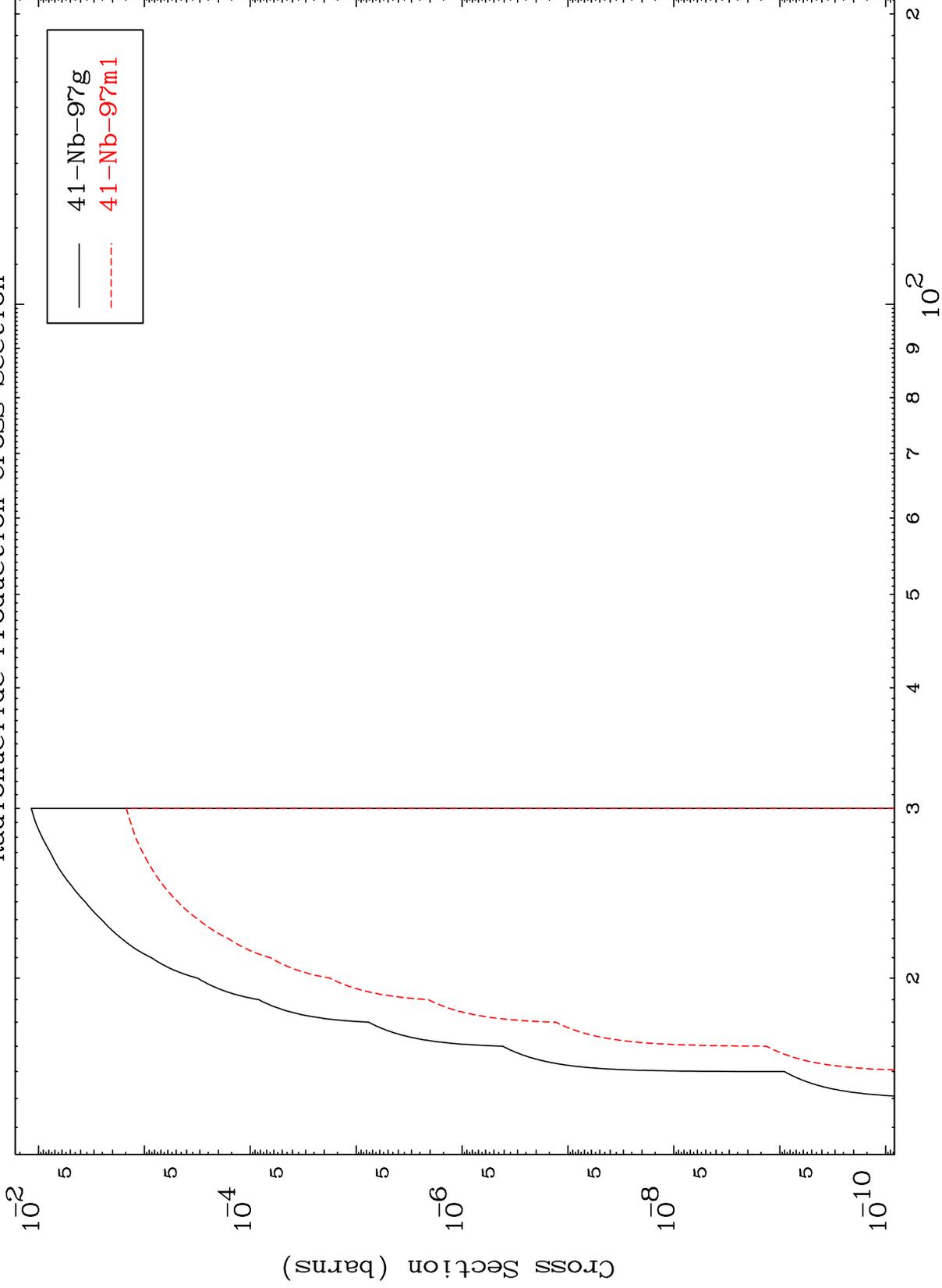
42-Mo-99

MAT 4246

(n,n') d

42-Mo-99

Radionuclide Production Cross Section



112

Incident Energy (MeV)

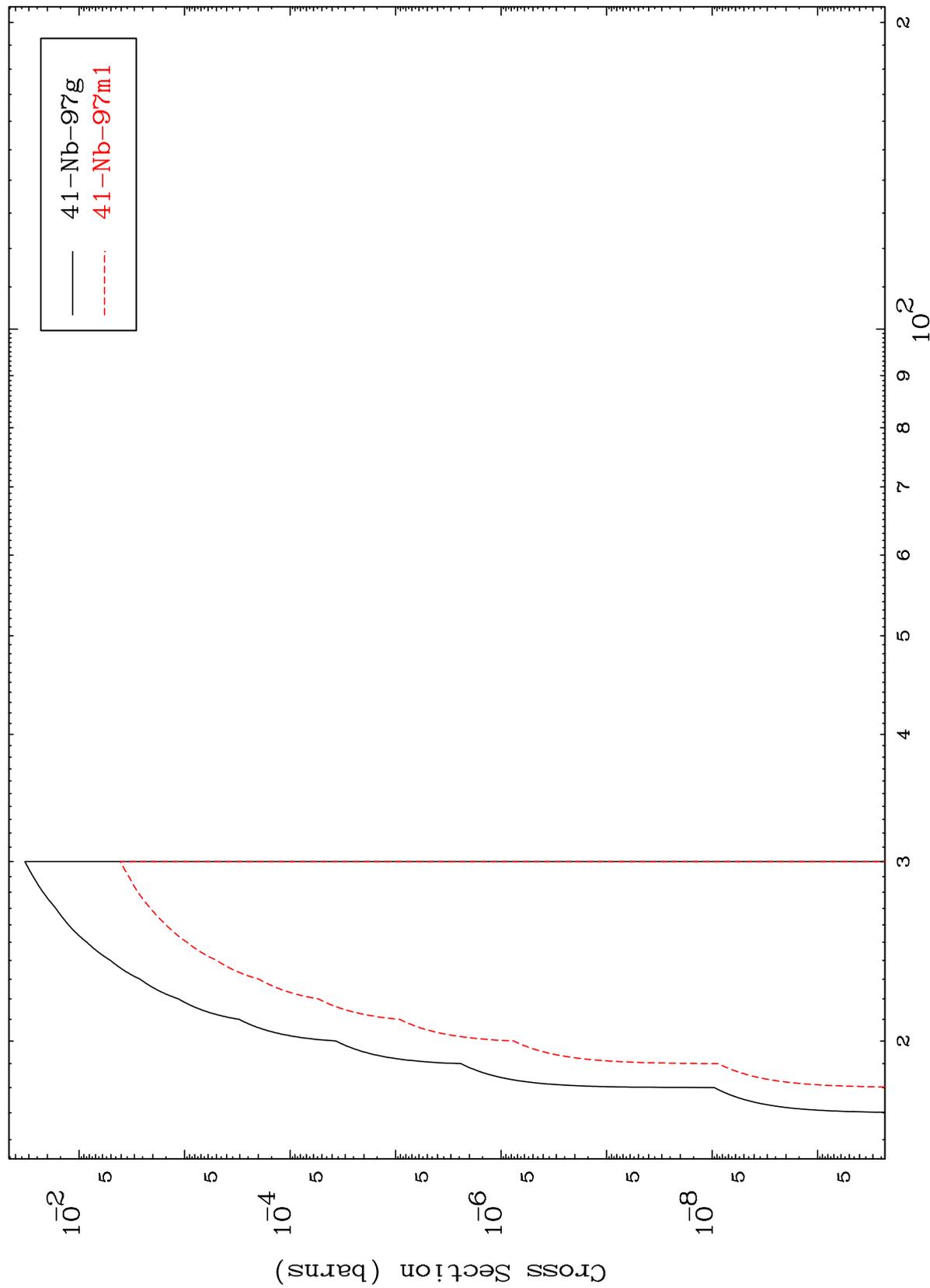
42-Mo-99

MAT 4246

(n,2n) p

42-Mo-99

Radionuclide Production Cross Section



113

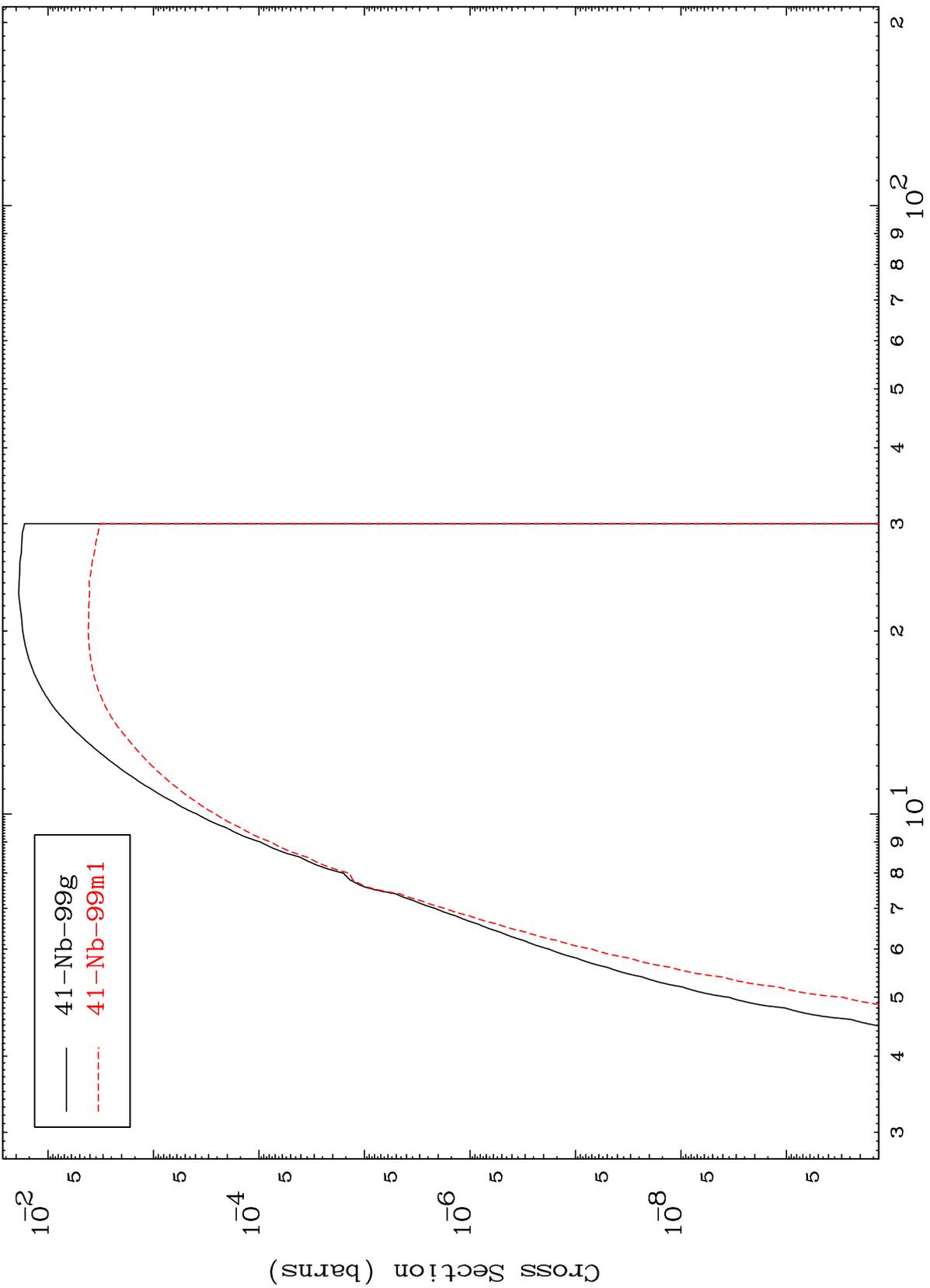
Incident Energy (MeV)

42-Mo-99

MAT 4246

42-Mo-99

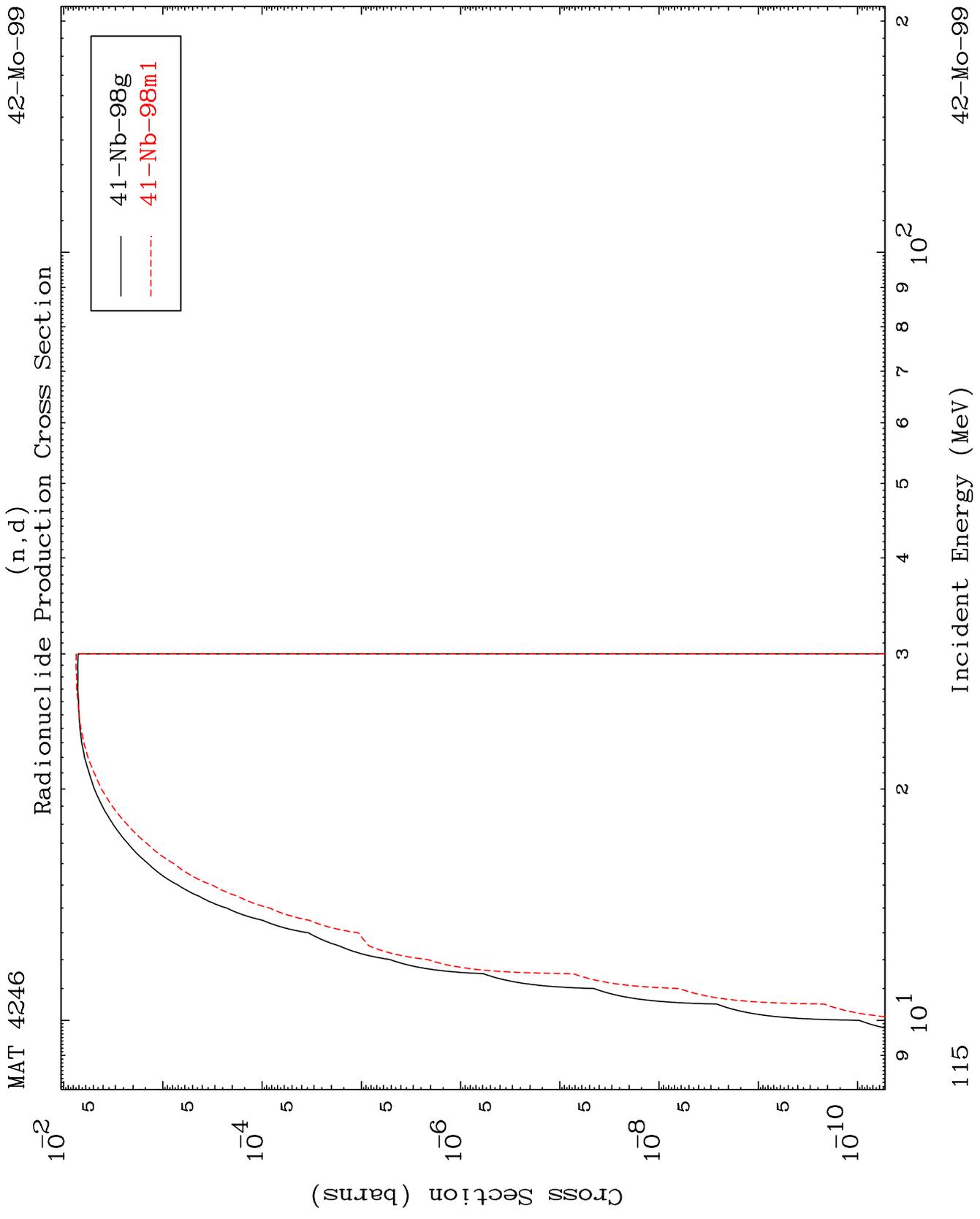
(n,p)
Radionuclide Production Cross Section



114

Incident Energy (MeV)

42-Mo-99

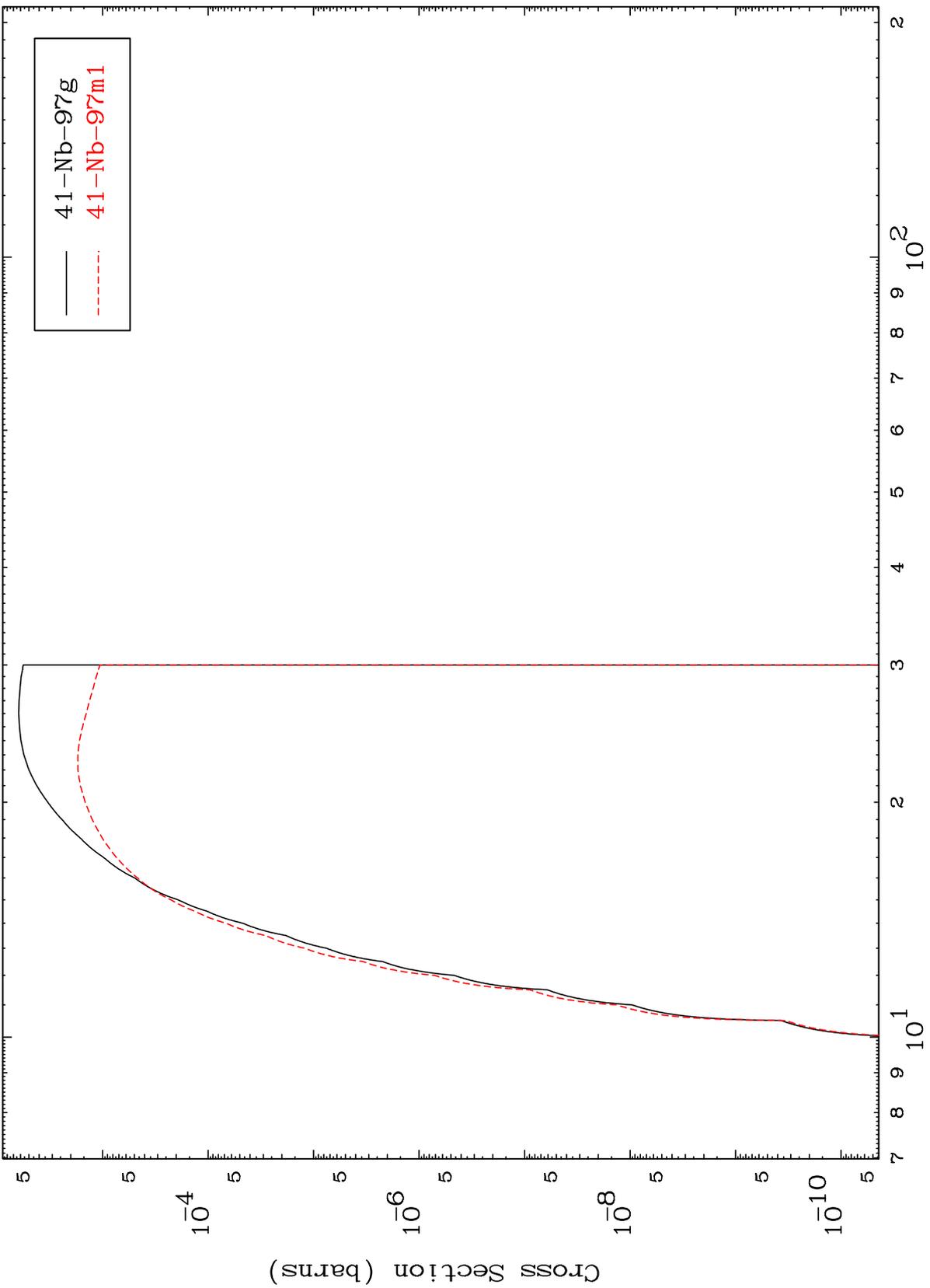


115

MAT 4246

42-Mo-99

(n, t)
Radionuclide Production Cross Section



116

Incident Energy (MeV)

42-Mo-99