

Program EVALPLOT
(Version 2021-1)

by

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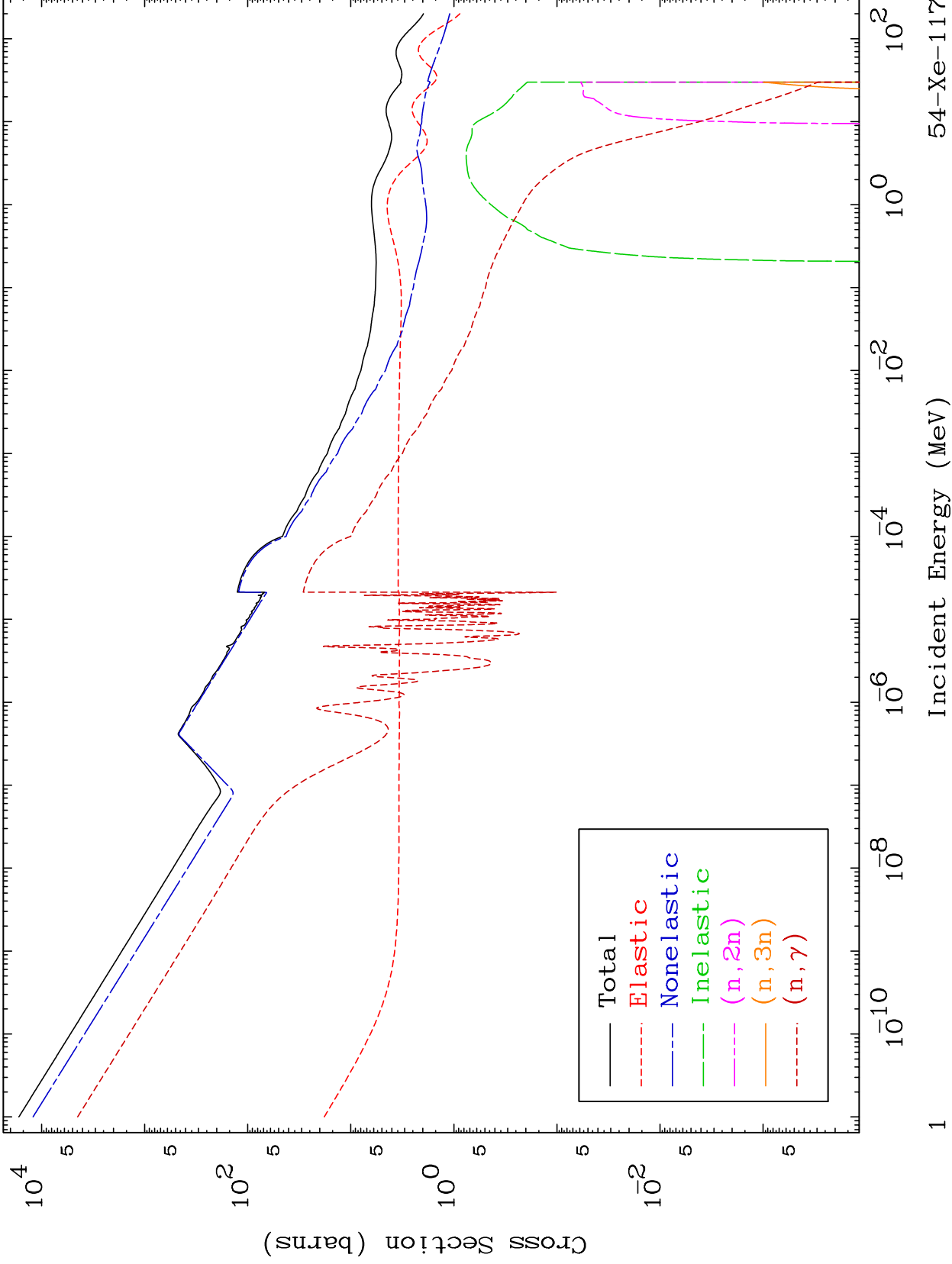
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5404

Neutron Major
293 Kelvin Cross Sections

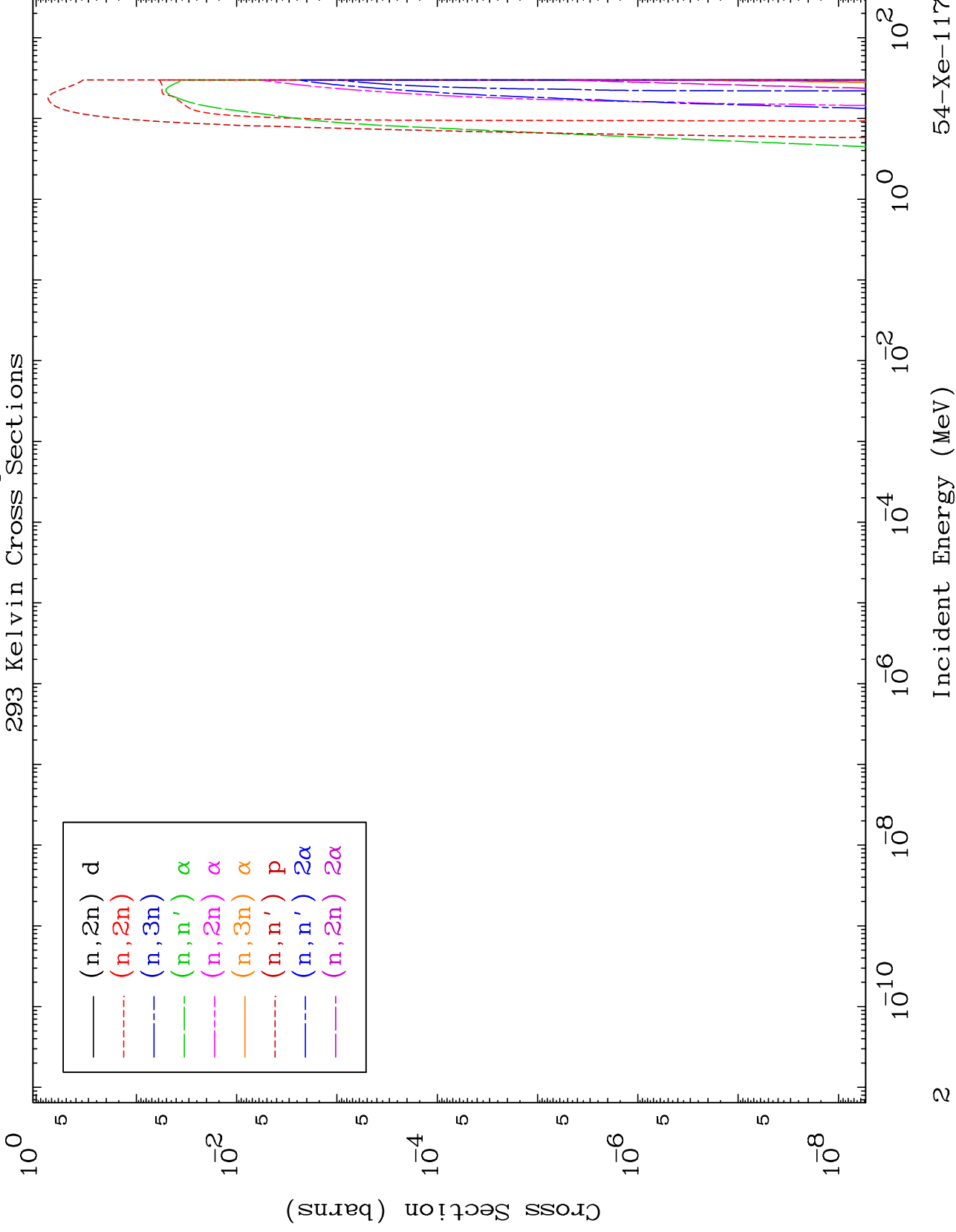
54-Xe-117



MAT 5404

Neutron Absorption
293 Kelvin Cross Sections

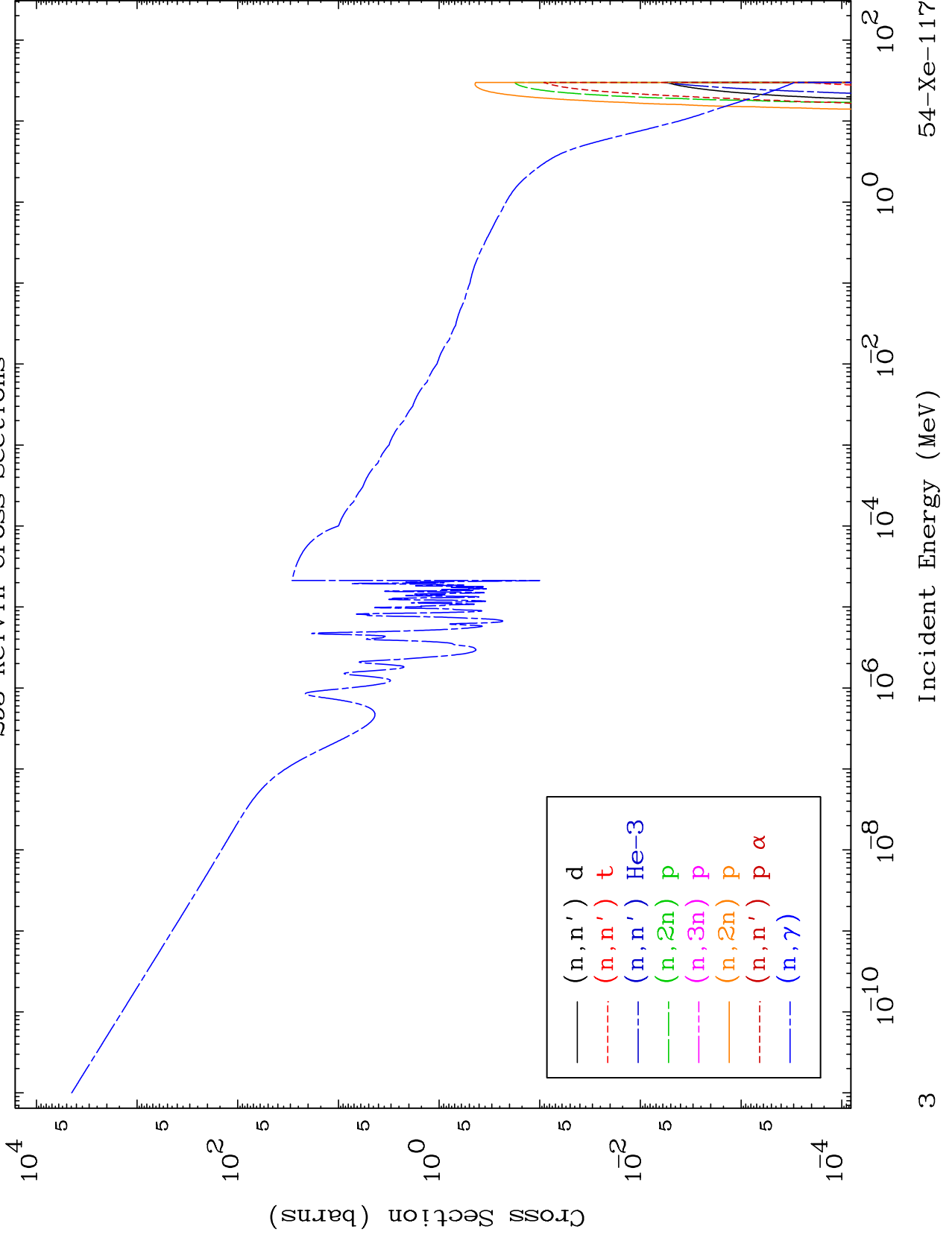
54-Xe-117



MAT 5404

Neutron Absorption
293 Kelvin Cross Sections

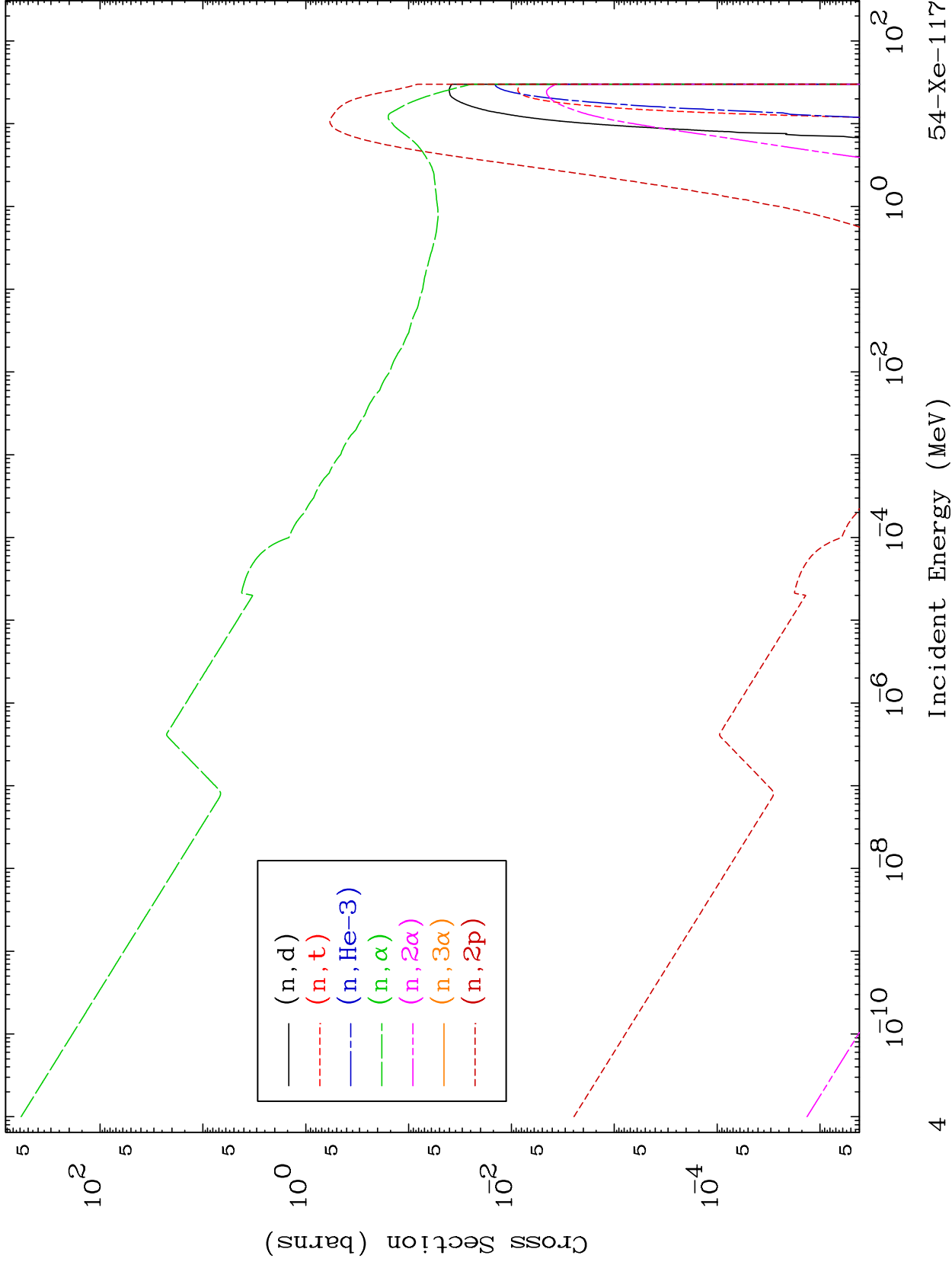
54-Xe-117



MAT 5404

Neutron Absorption
293 Kelvin Cross Sections

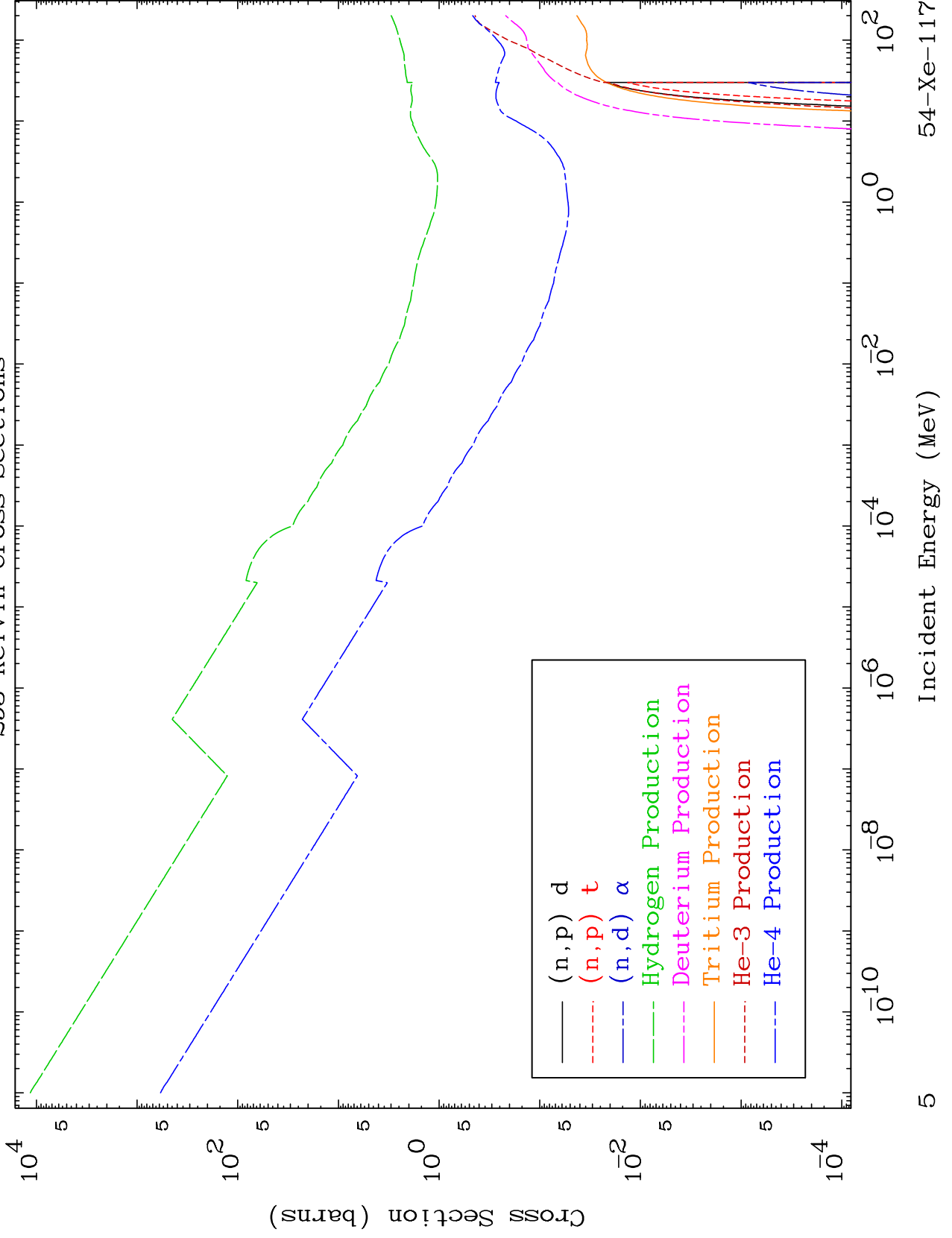
54-Xe-117



MAT 5404

Neutron Absorption
293 Kelvin Cross Sections

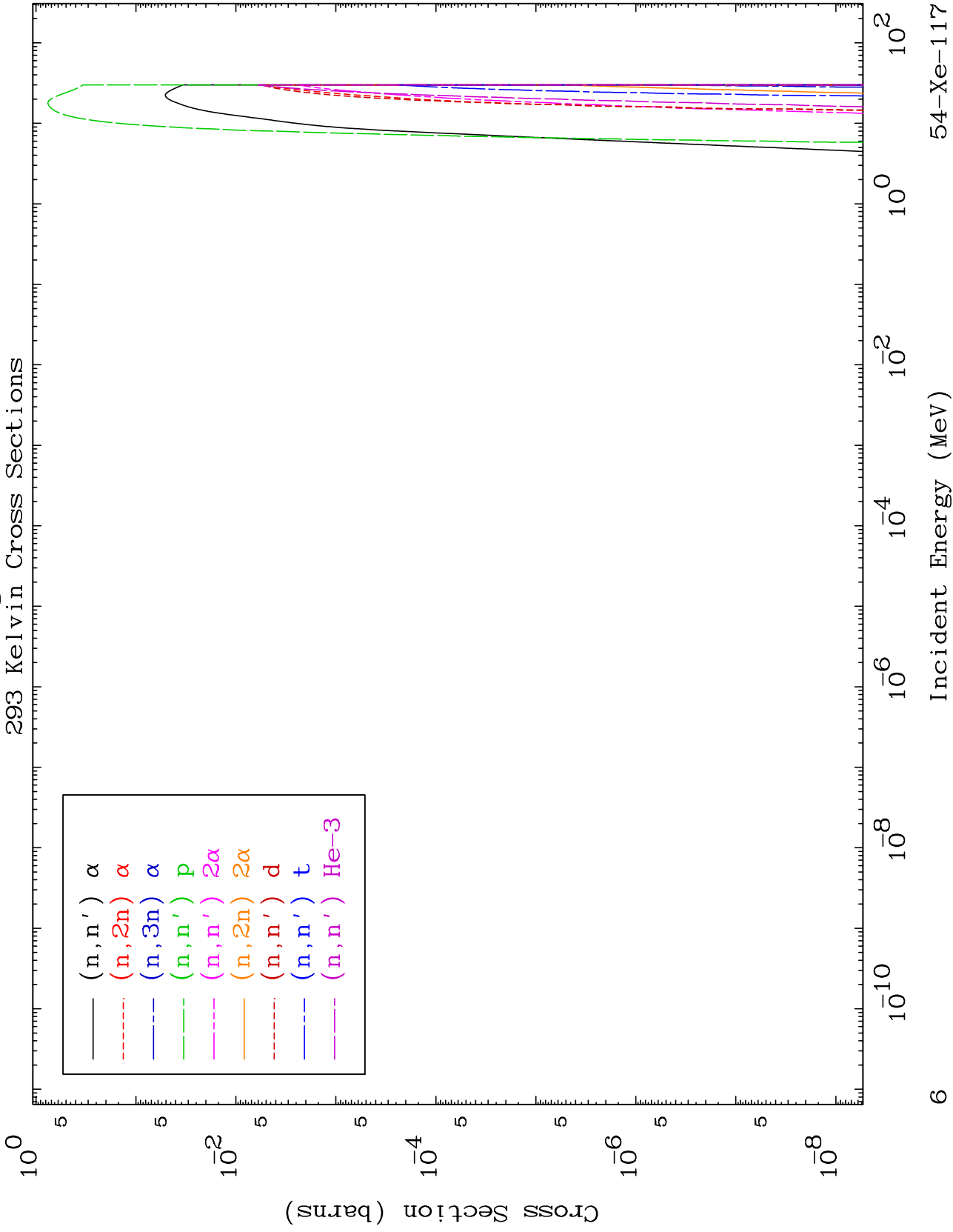
54-Xe-117



MAT 5404

Charged Particle
293 Kelvin Cross Sections

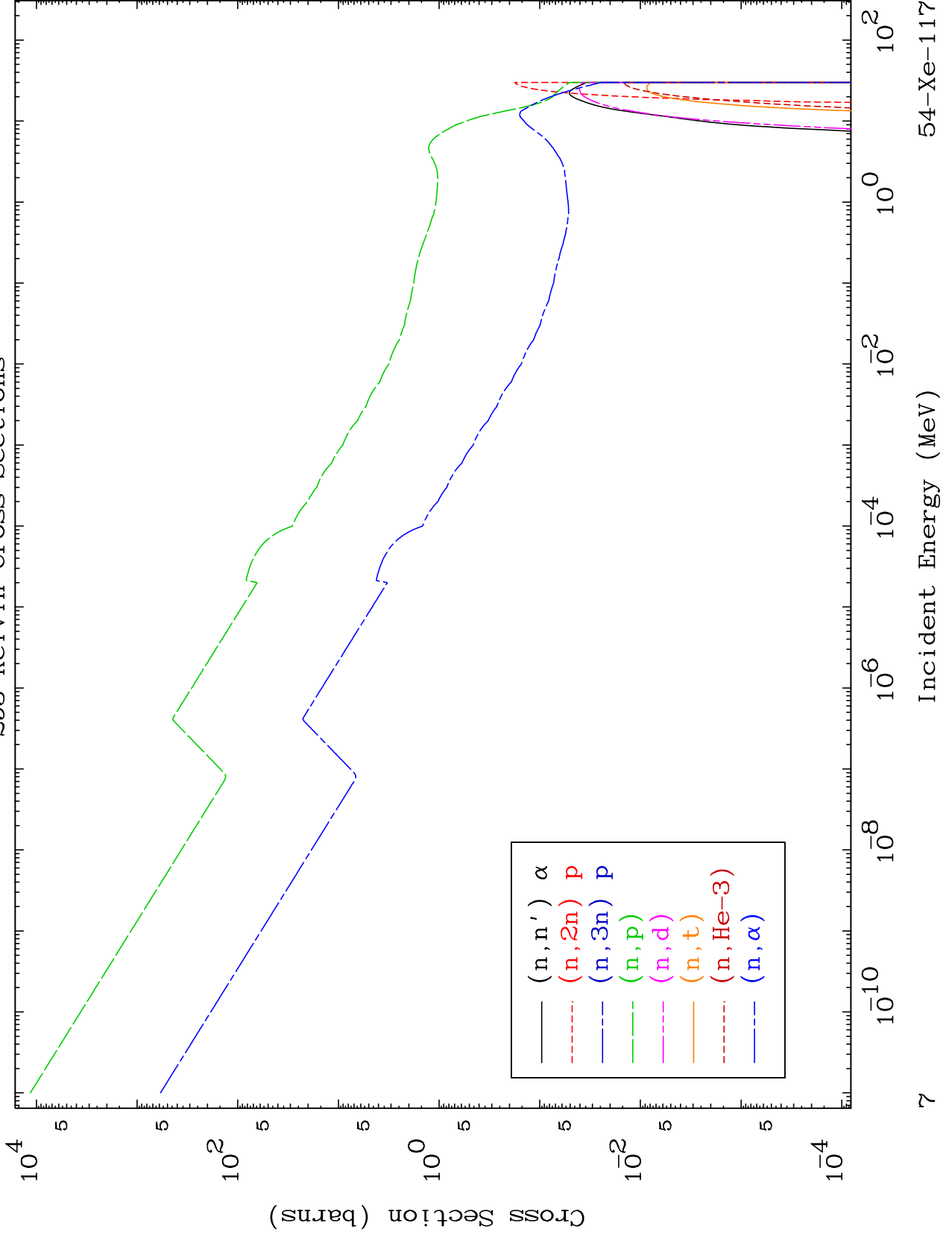
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MAT 5404

Charged Particle
293 Kelvin Cross Sections

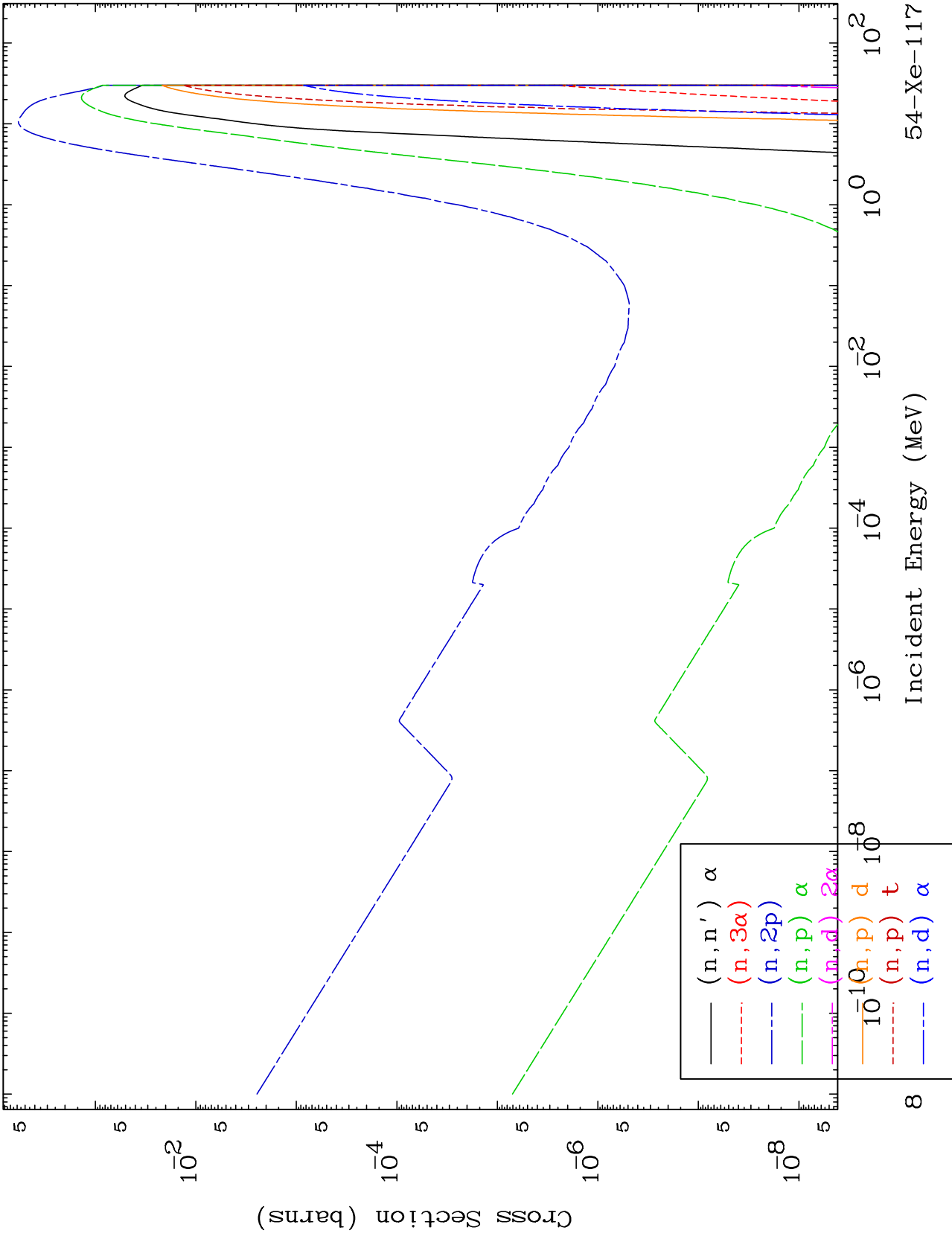
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MAT 5404

Charged Particle
293 Kelvin Cross Sections

54-Xe-117

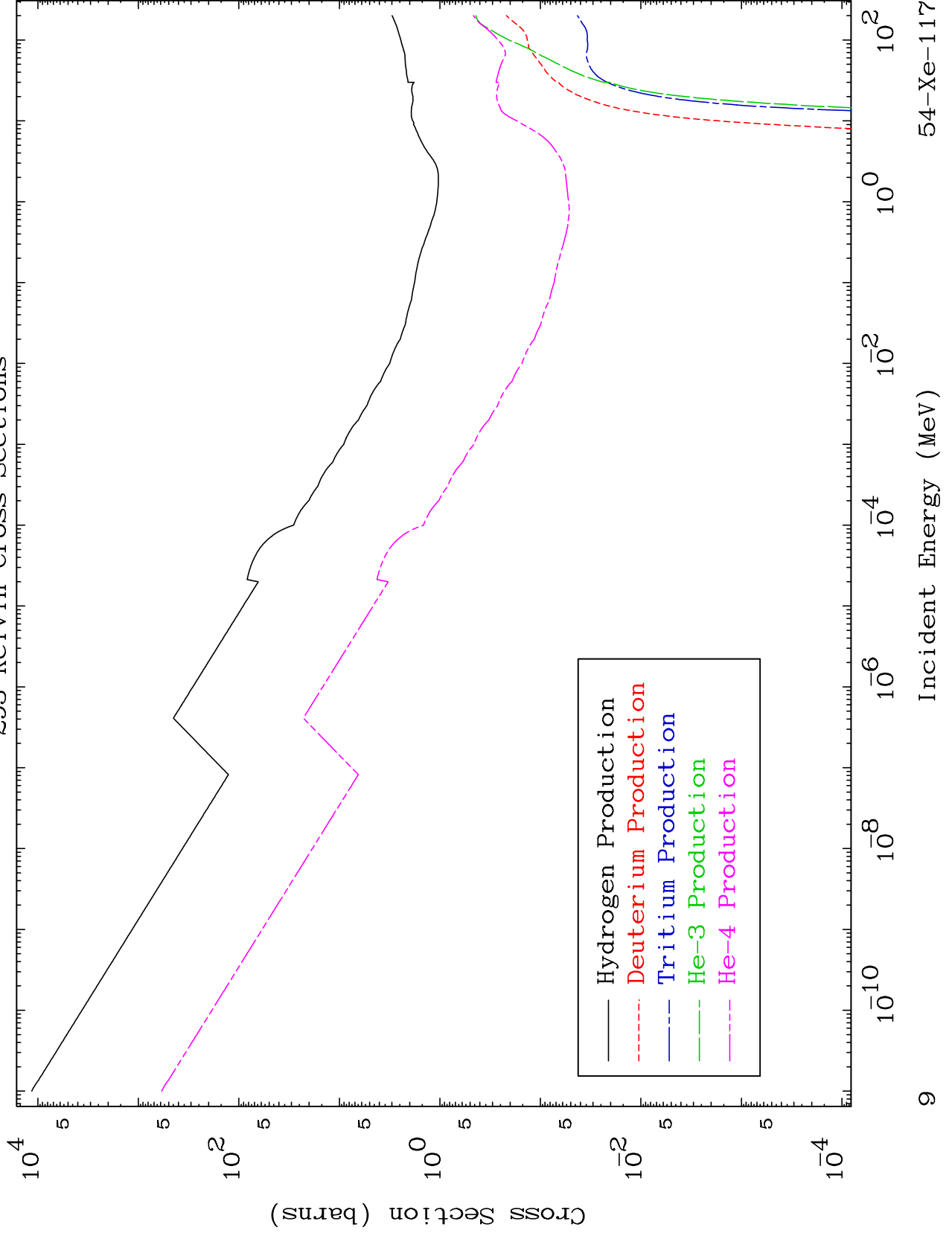


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MAT 5404

Particle Production
293 Kelvin Cross Sections

54-Xe-117

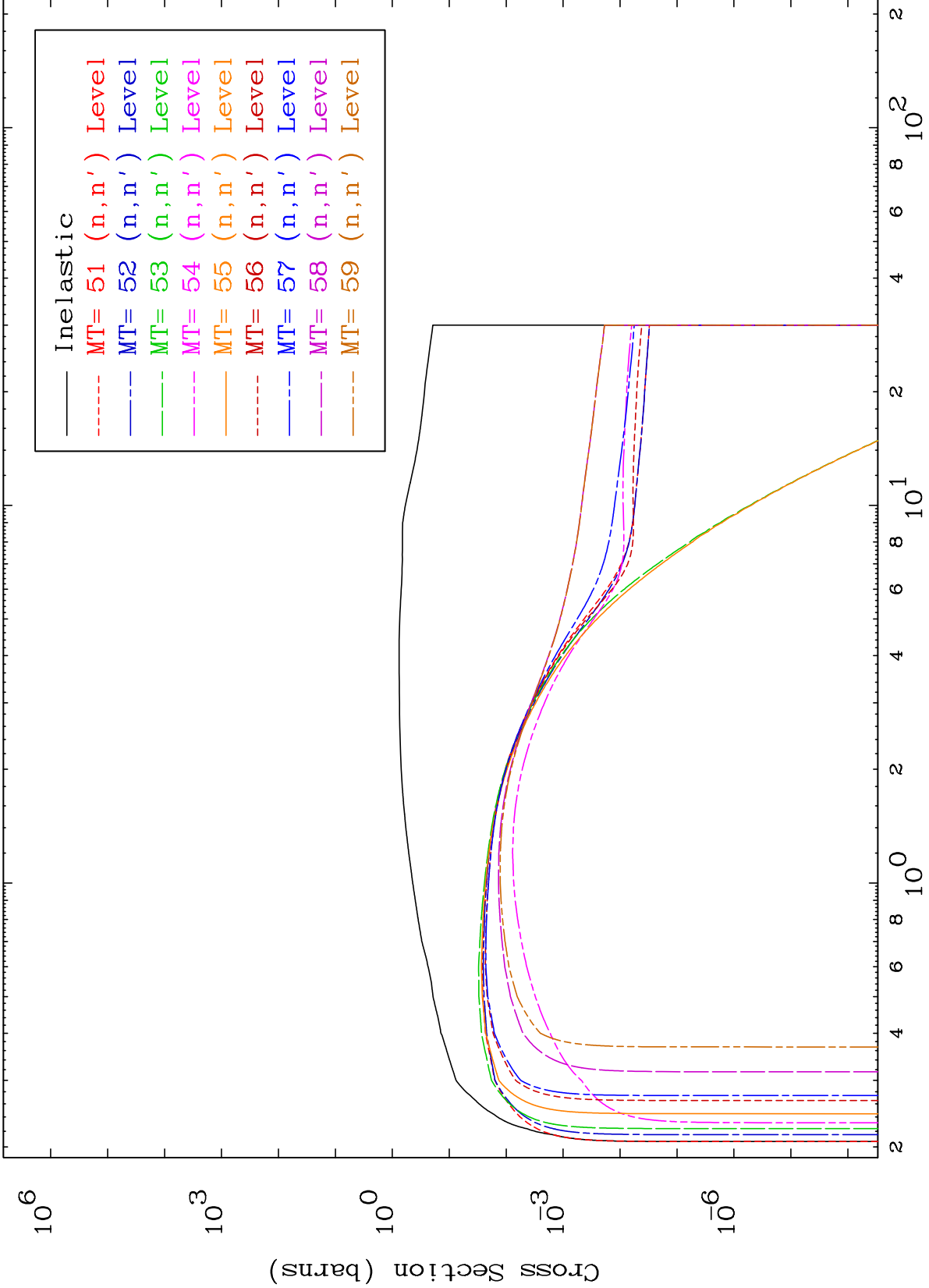


MAT 5404

(n,n') Levels

54-Xe-117

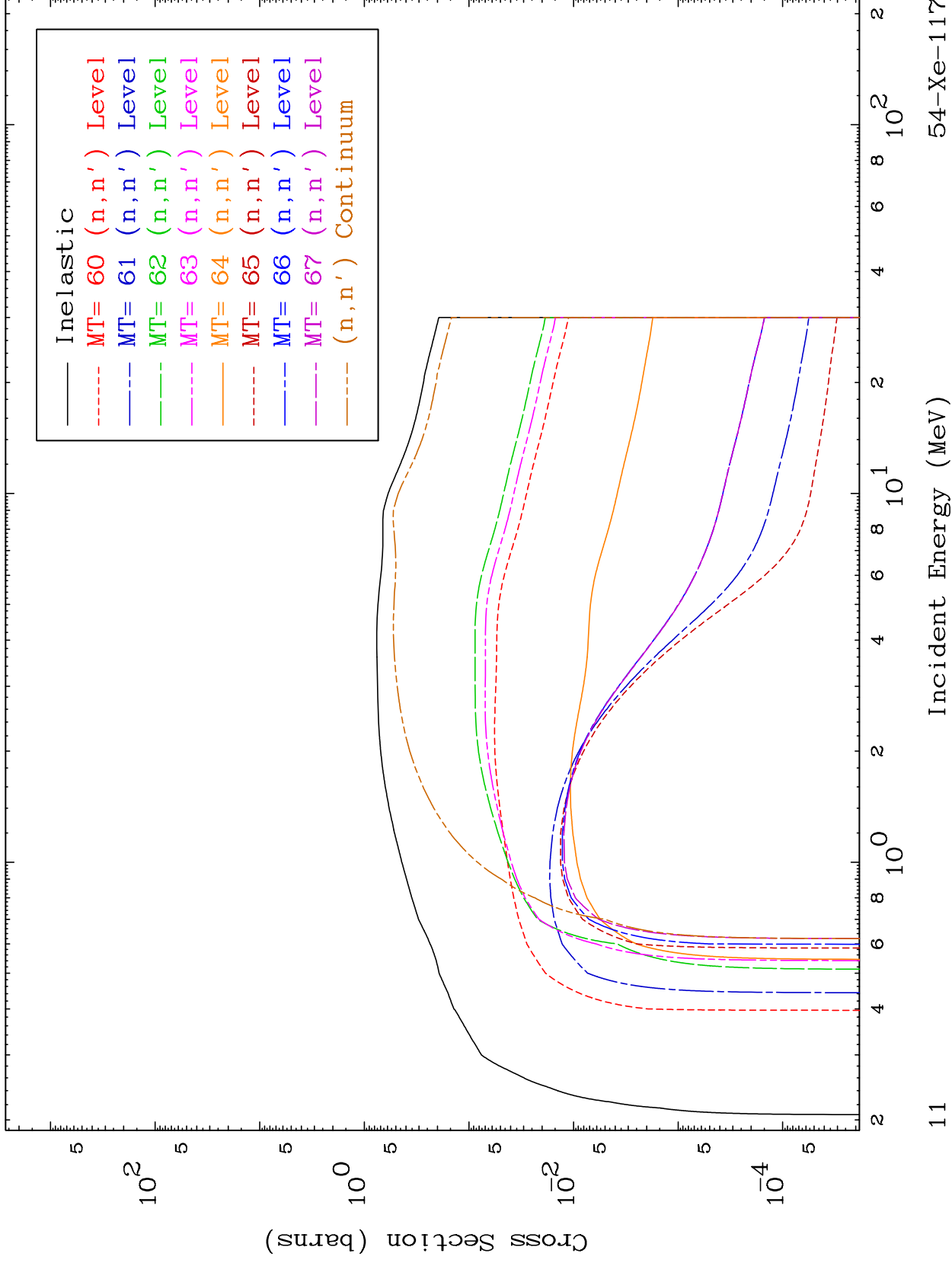
293 Kelvin Cross Sections



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Incident Energy (MeV)

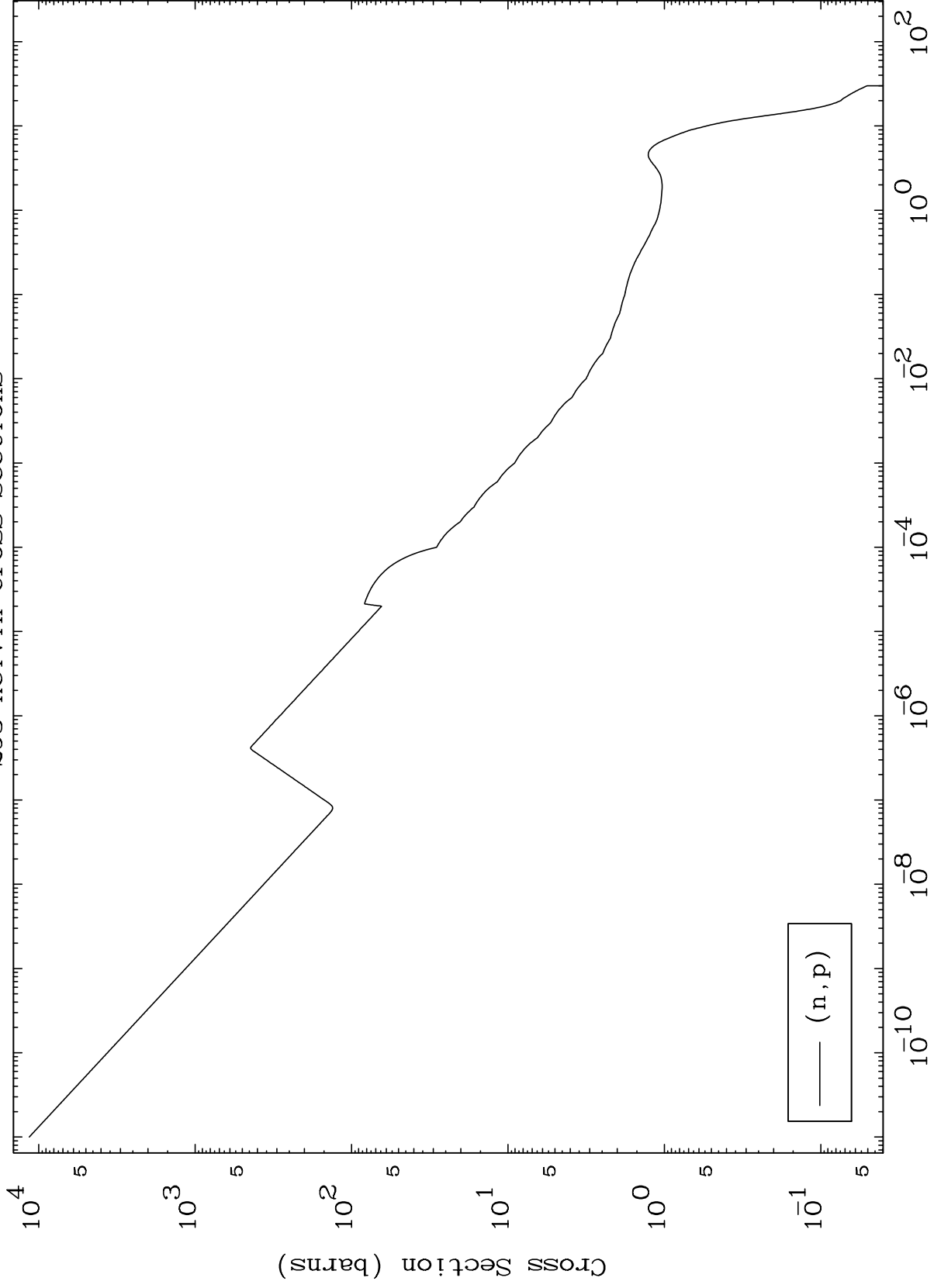
54-Xe-117



MAT 5404

(n,p) Levels
293 Kelvin Cross Sections

54-Xe-117



12

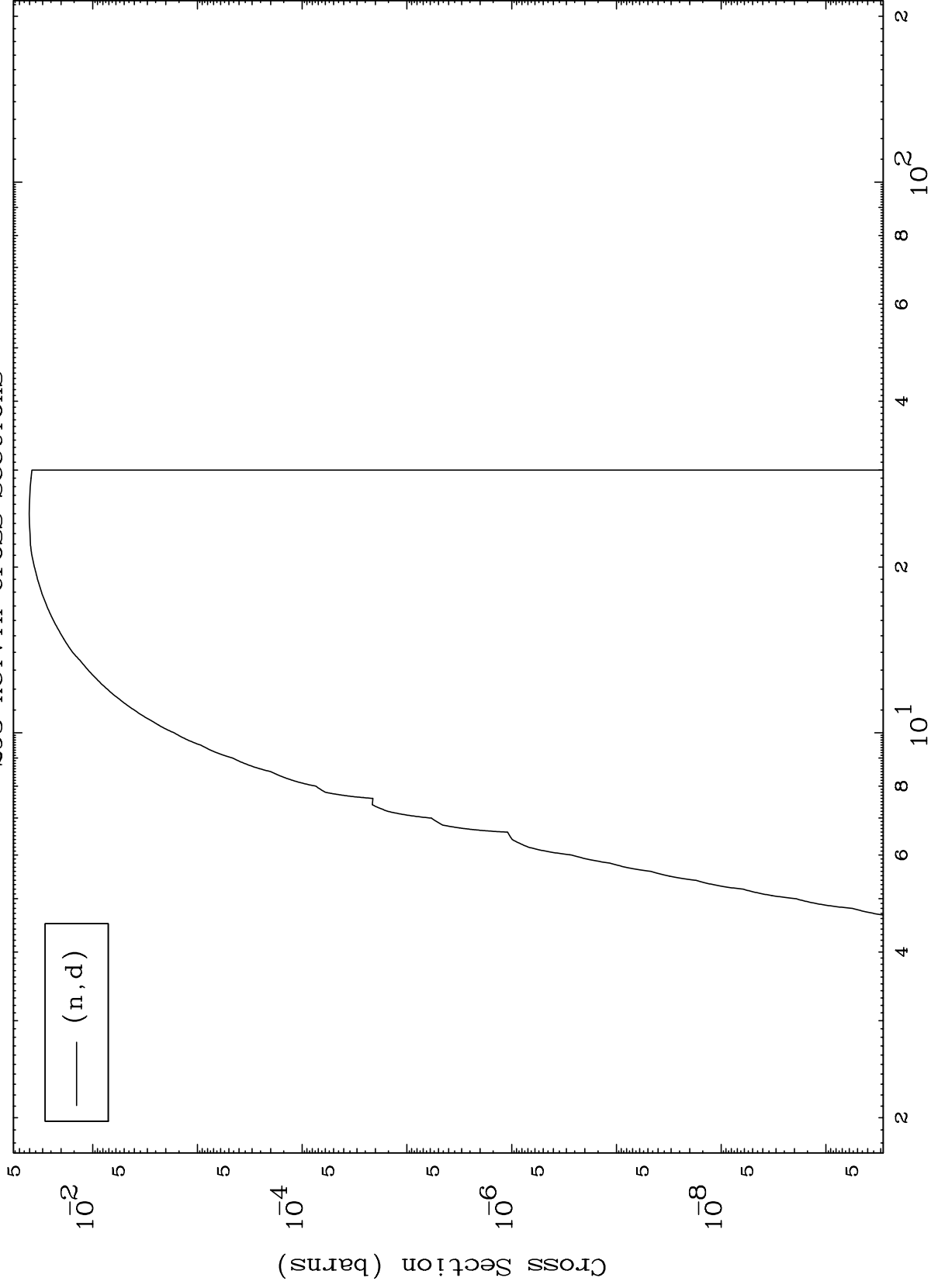
Incident Energy (MeV)

54-Xe-117

MAT 5404

(n,d) Levels
293 Kelvin Cross Sections

54-Xe-117



13

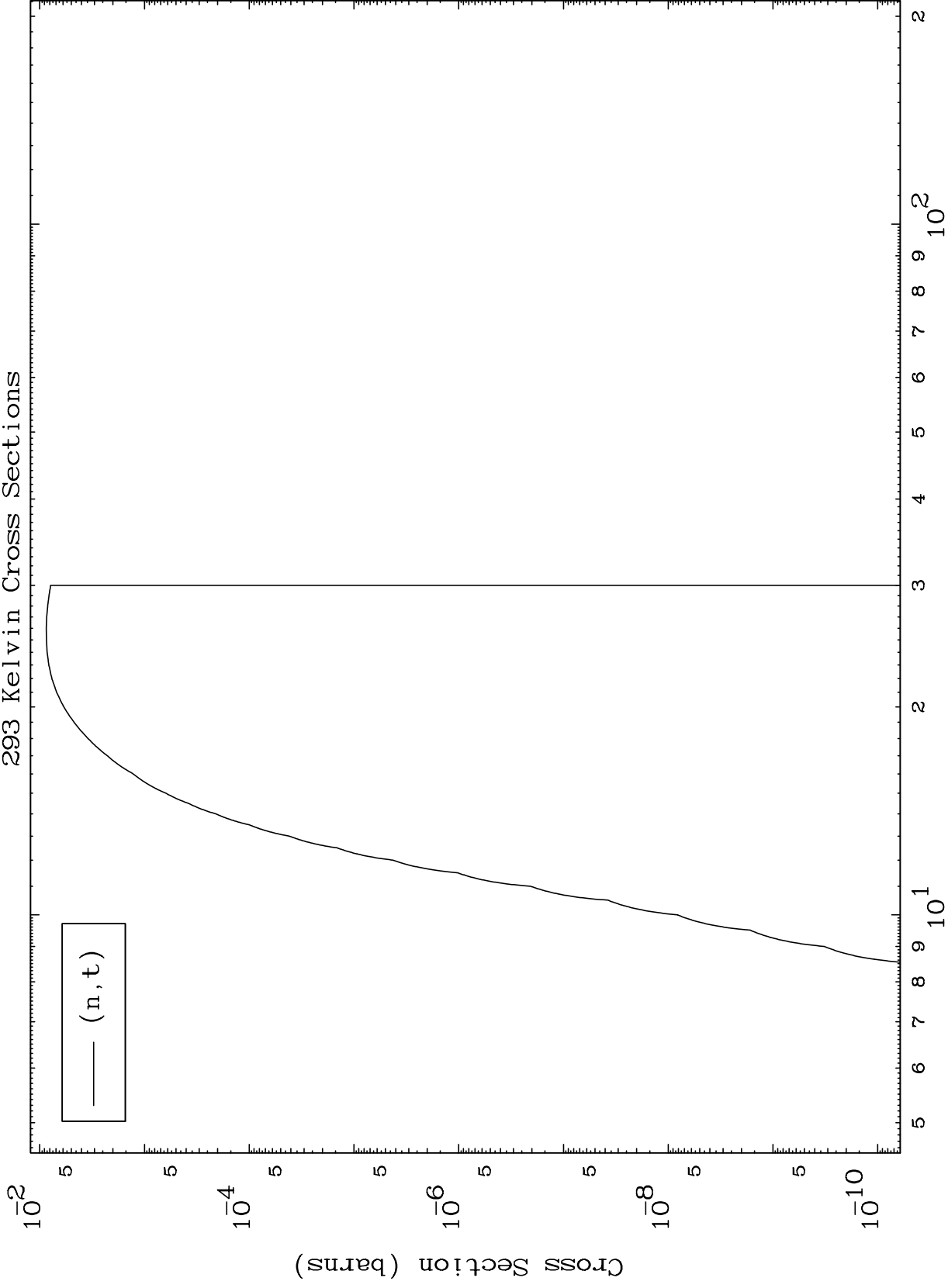
Incident Energy (MeV)

54-Xe-117

MAT 5404

(n,t) Levels
293 Kelvin Cross Sections

54-Xe-117



14

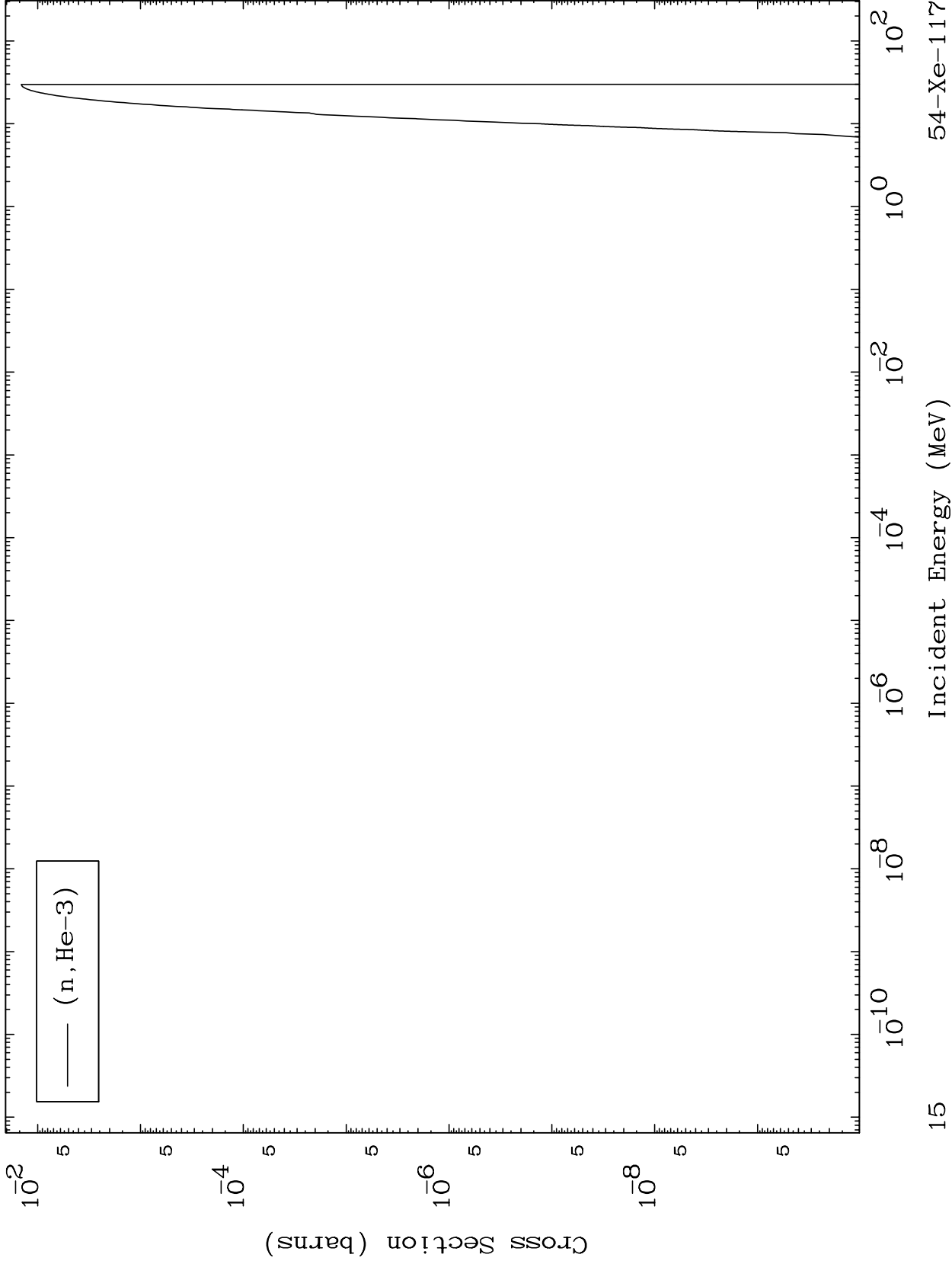
Incident Energy (MeV)

54-Xe-117

MAT 5404

(n,He3) Levels
293 Kelvin Cross Sections

54-Xe-117

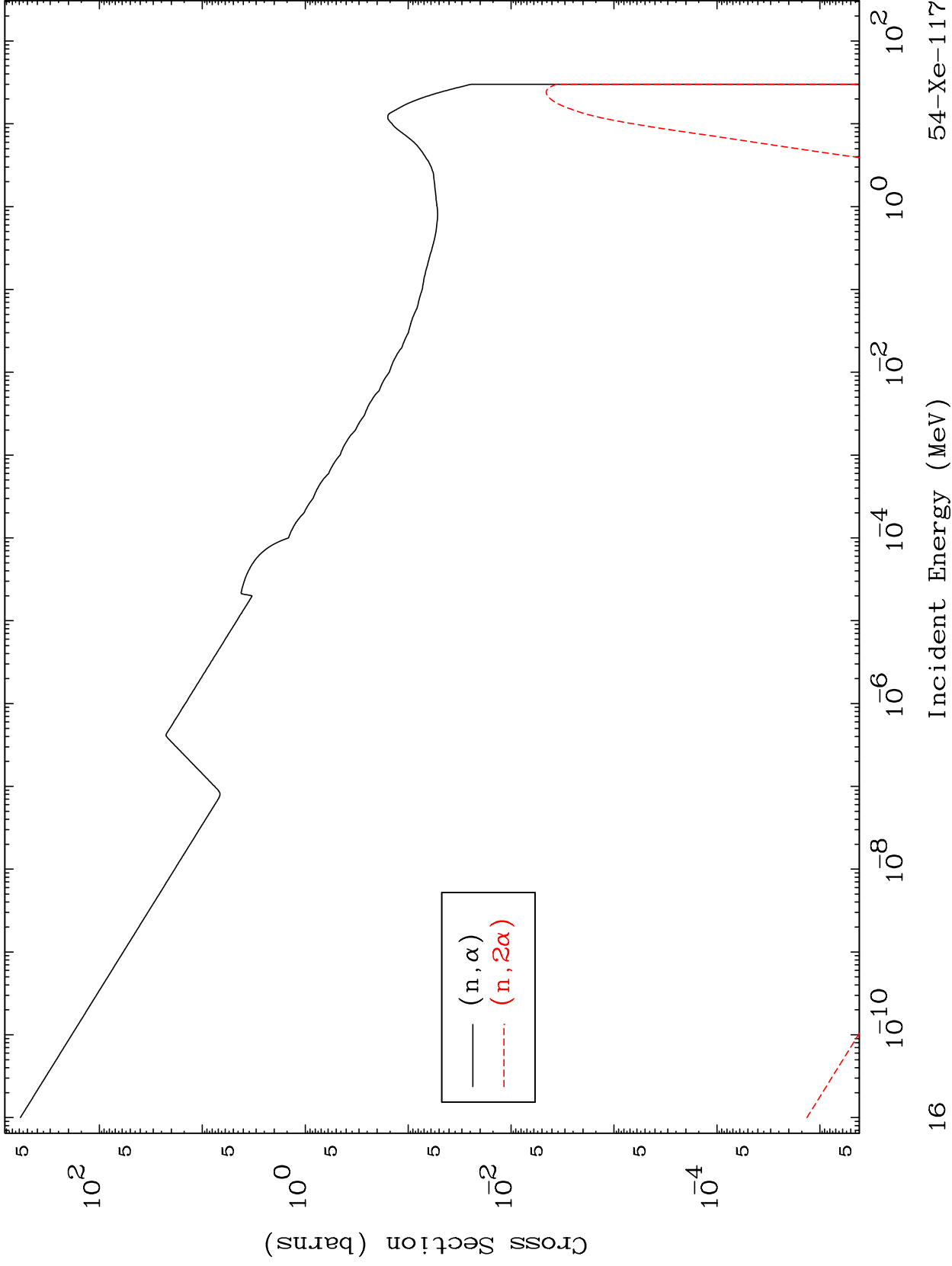


15

MAT 5404

(n,α) Levels
293 Kelvin Cross Sections

54-Xe-117

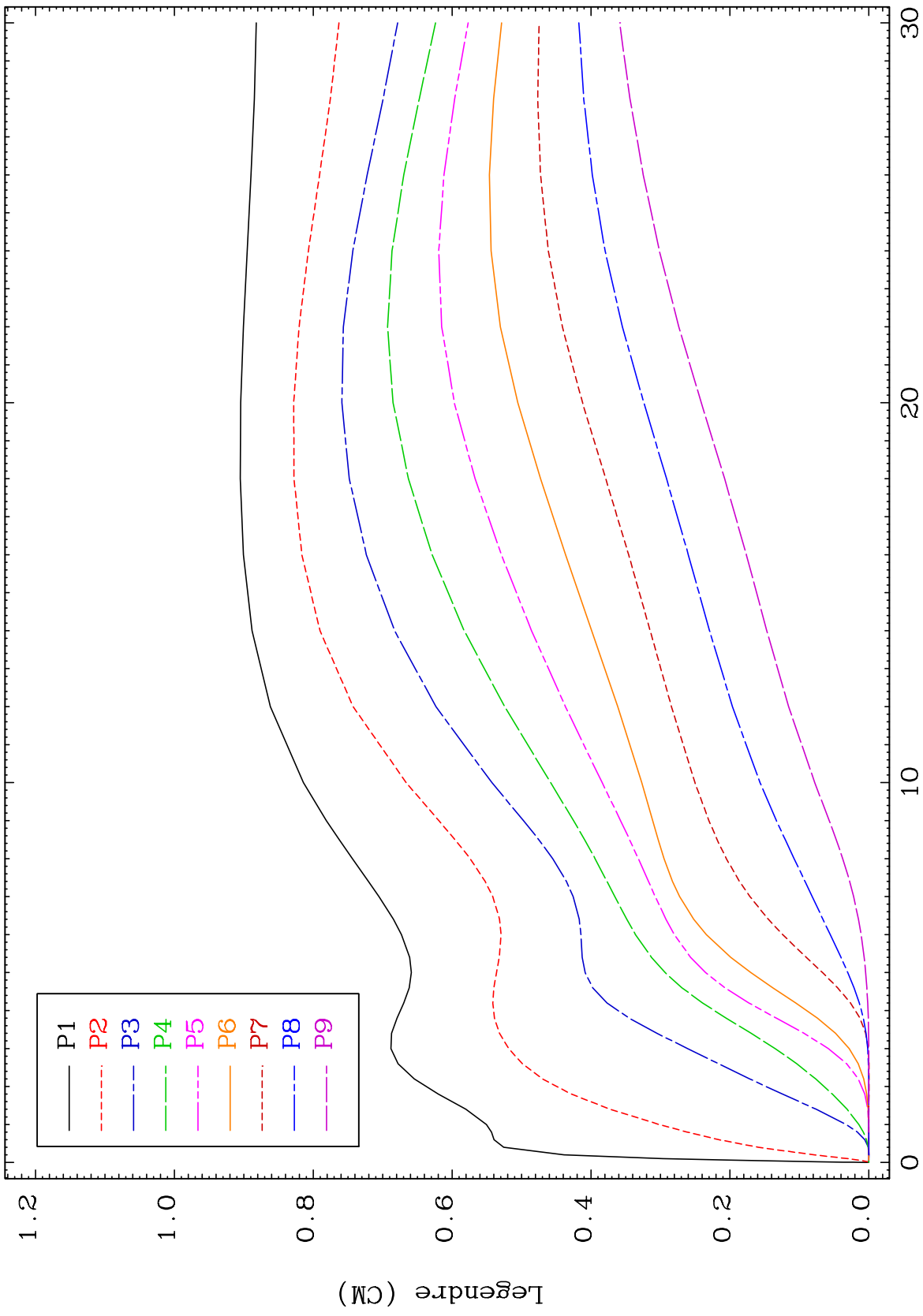


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MAT 5404

Elastic Legendre Coefficients

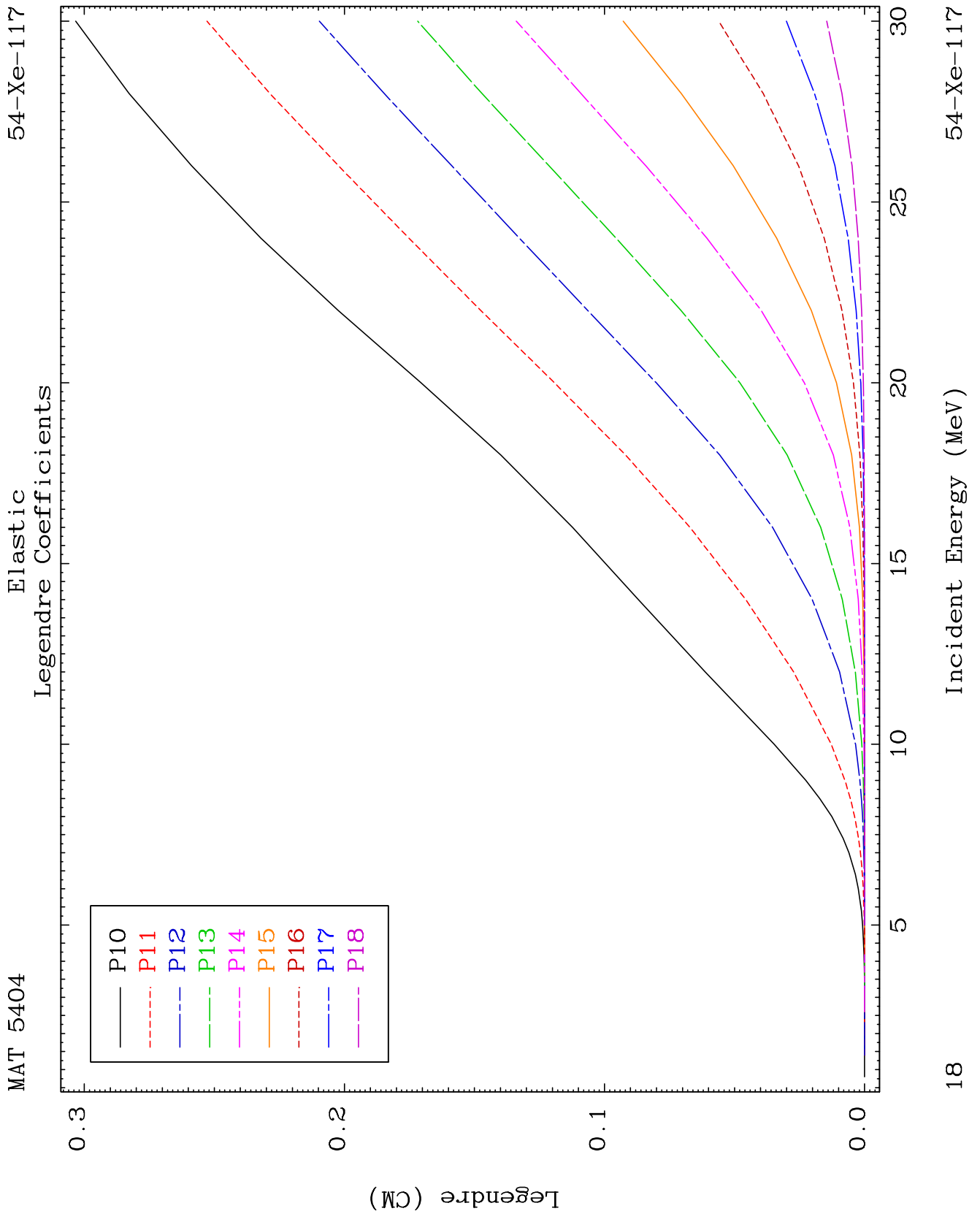
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17

Incident Energy (MeV)

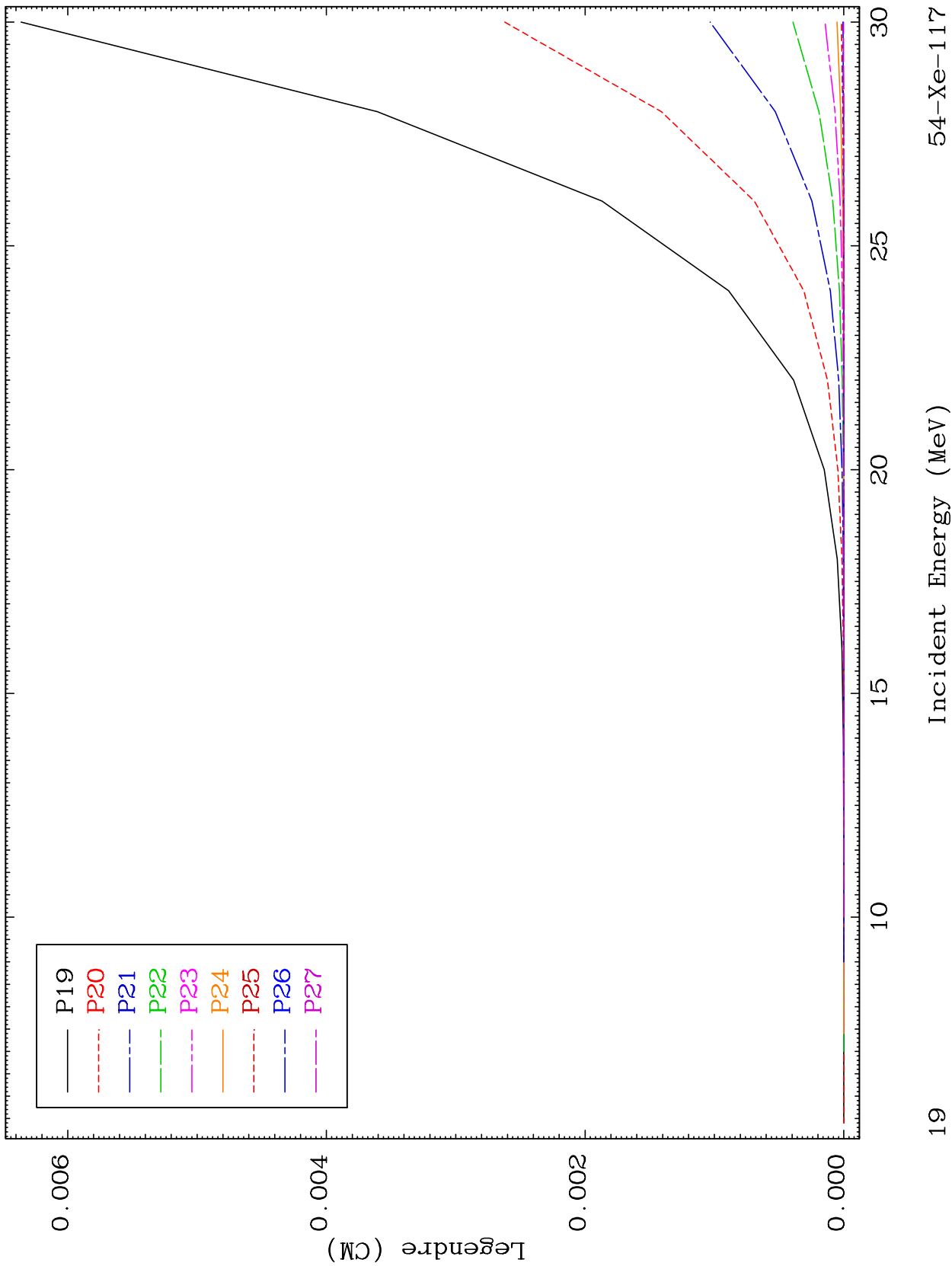
54-Xe-117



MAT 5404

Elastic Legendre Coefficients

54-Xe-117



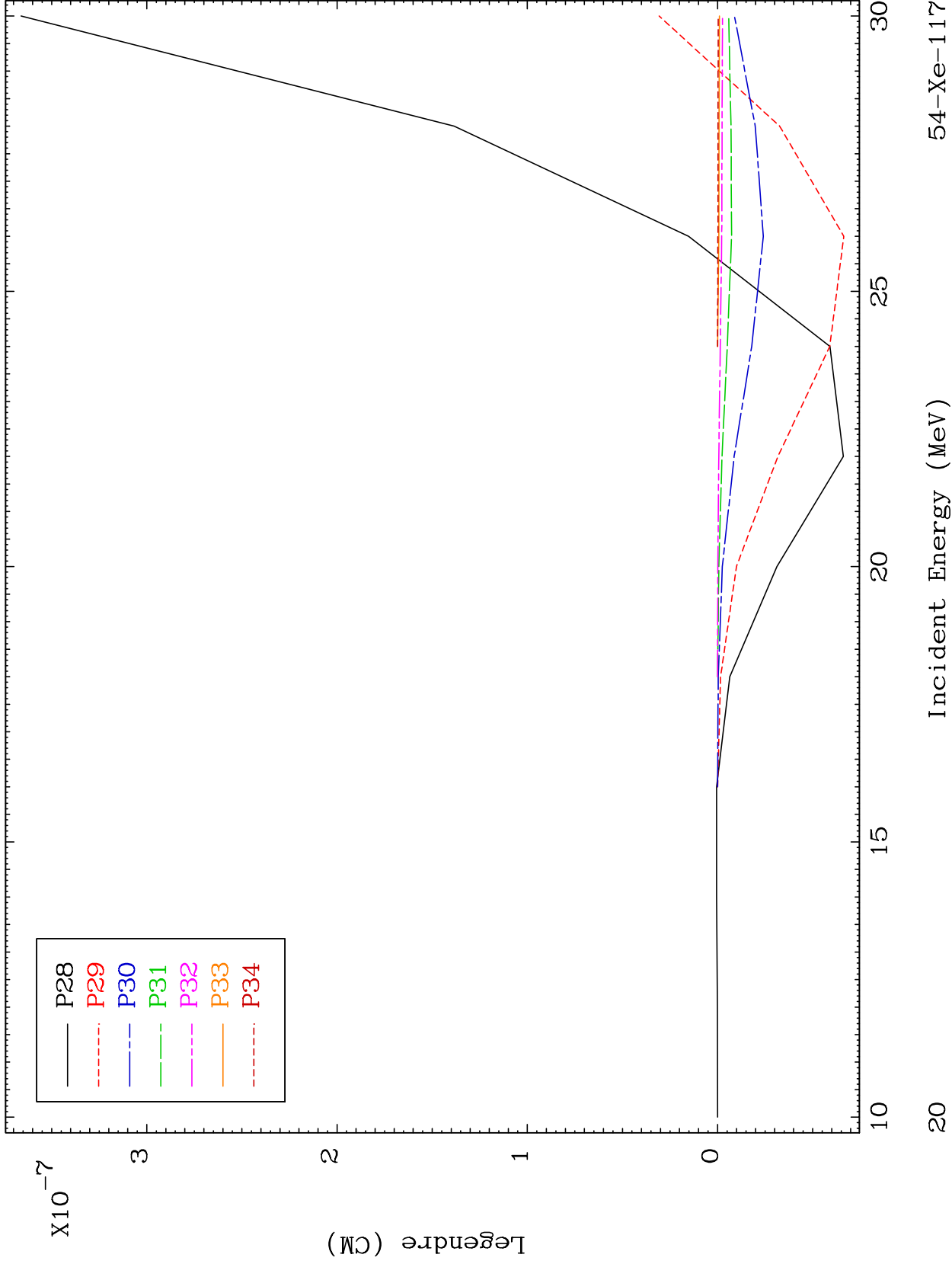
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54-Xe-117

MAT 5404

Elastic Legendre Coefficients

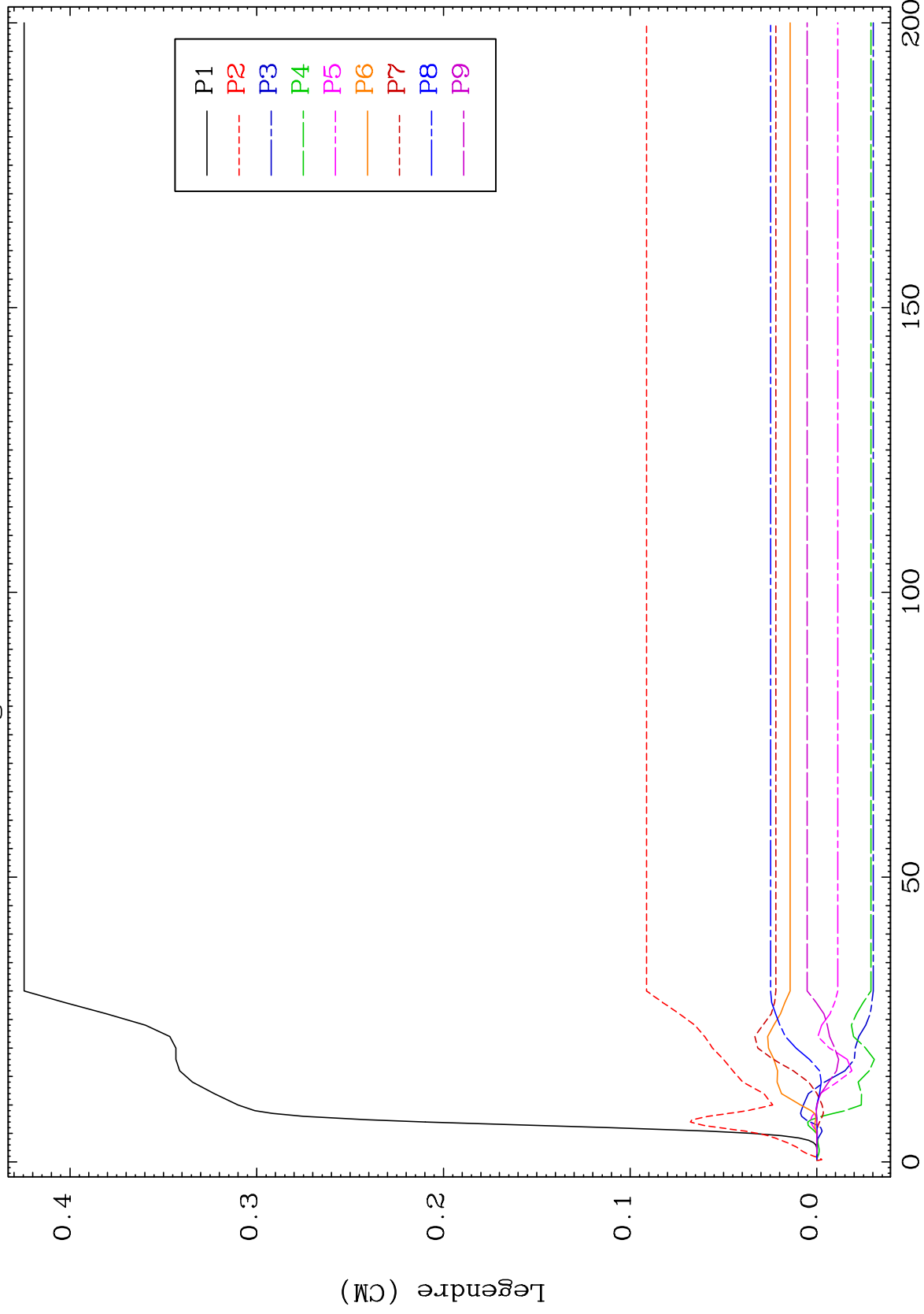
54-Xe-117



MAT 5404

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

54-Xe-117



21

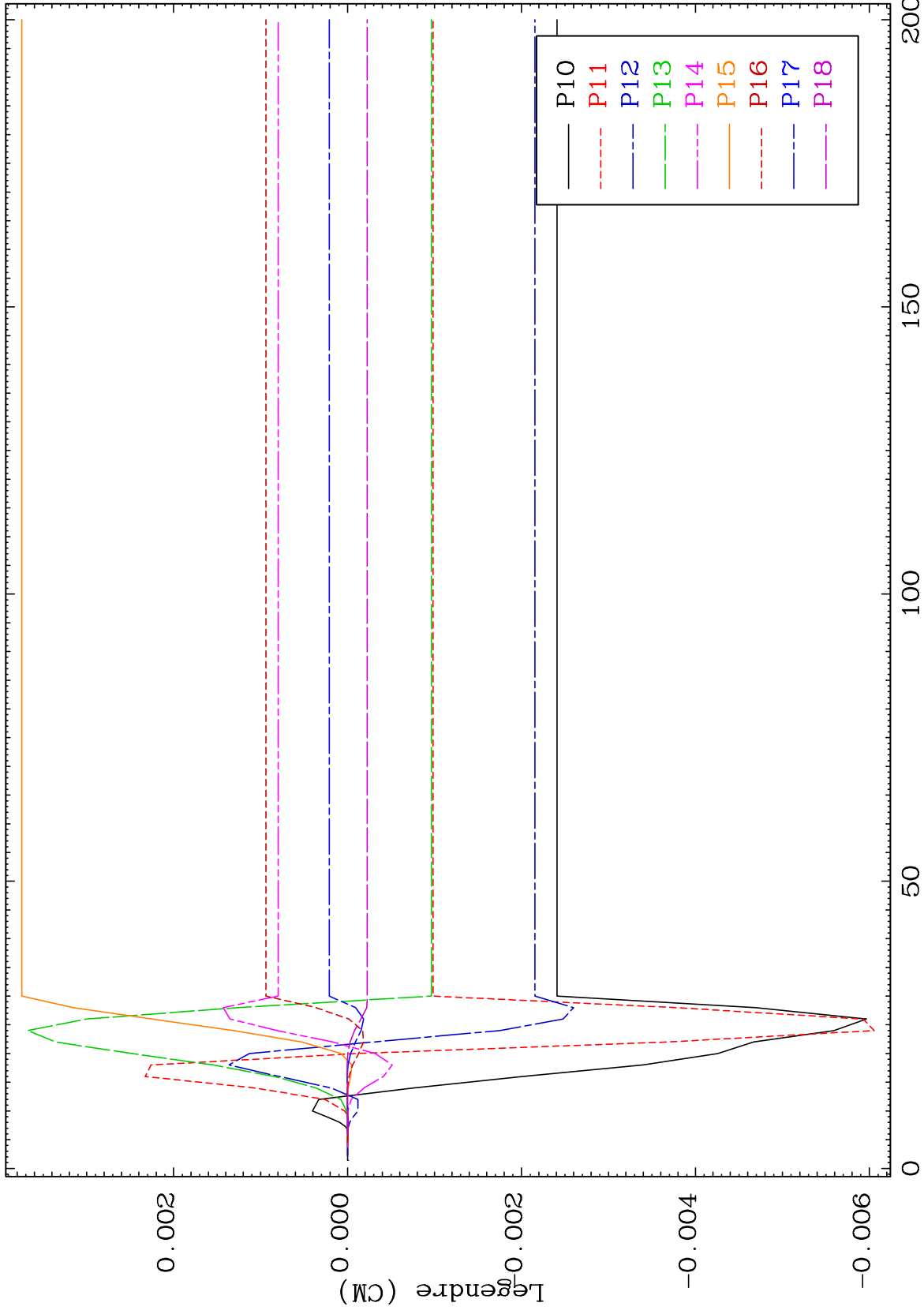
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

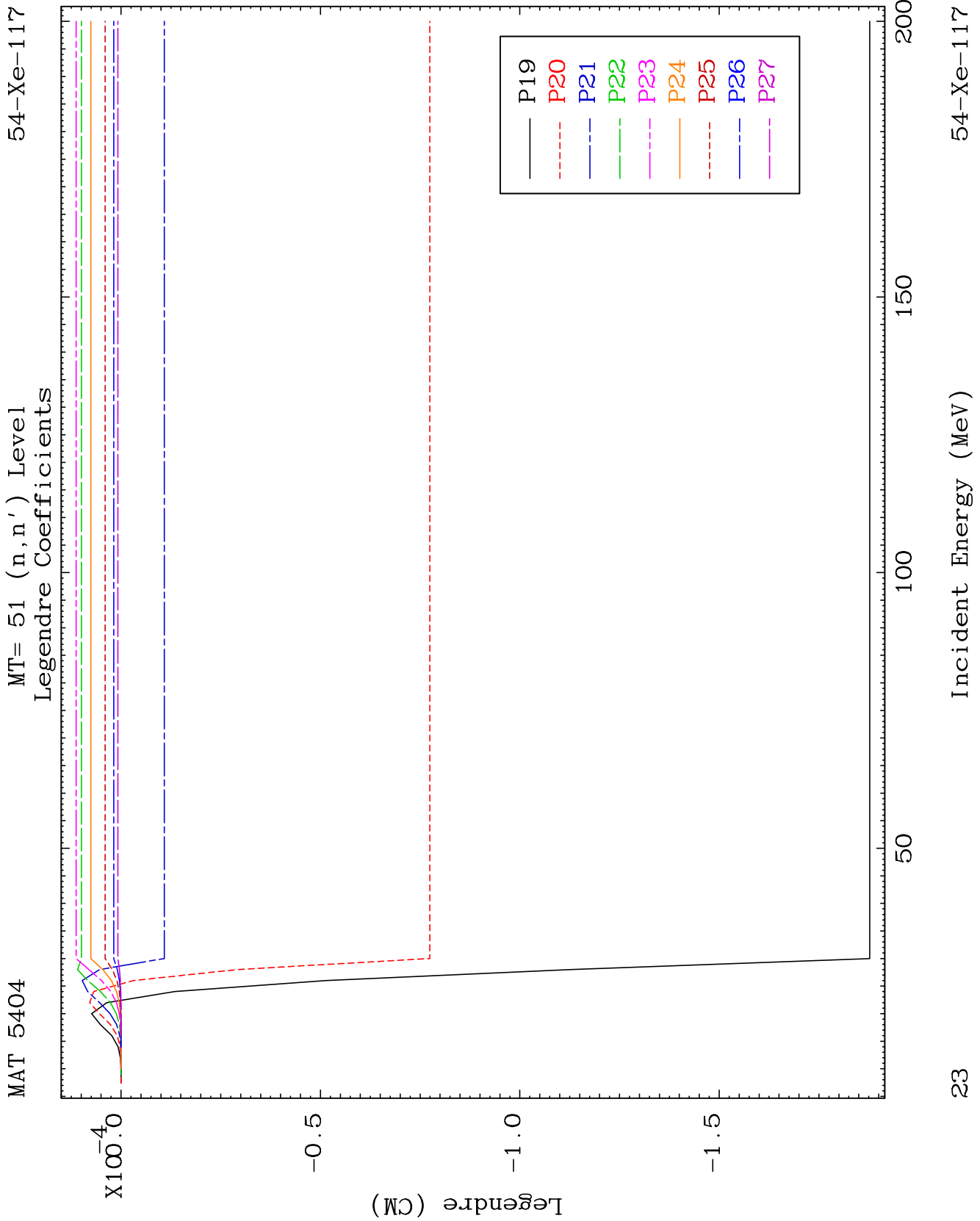
54-Xe-117



22

Incident Energy (MeV)

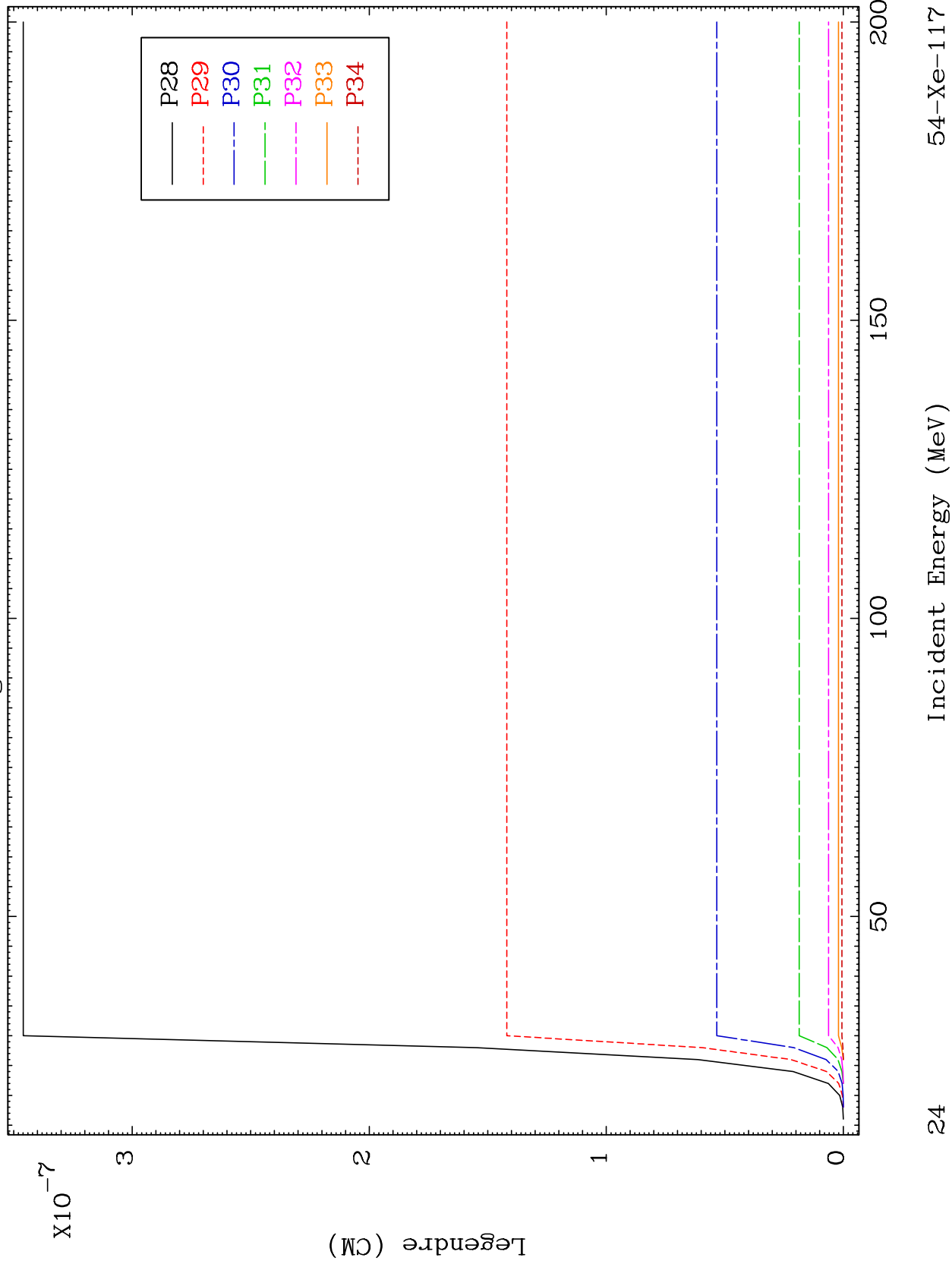
54-Xe-117



MAT 5404

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

54-Xe-117



24

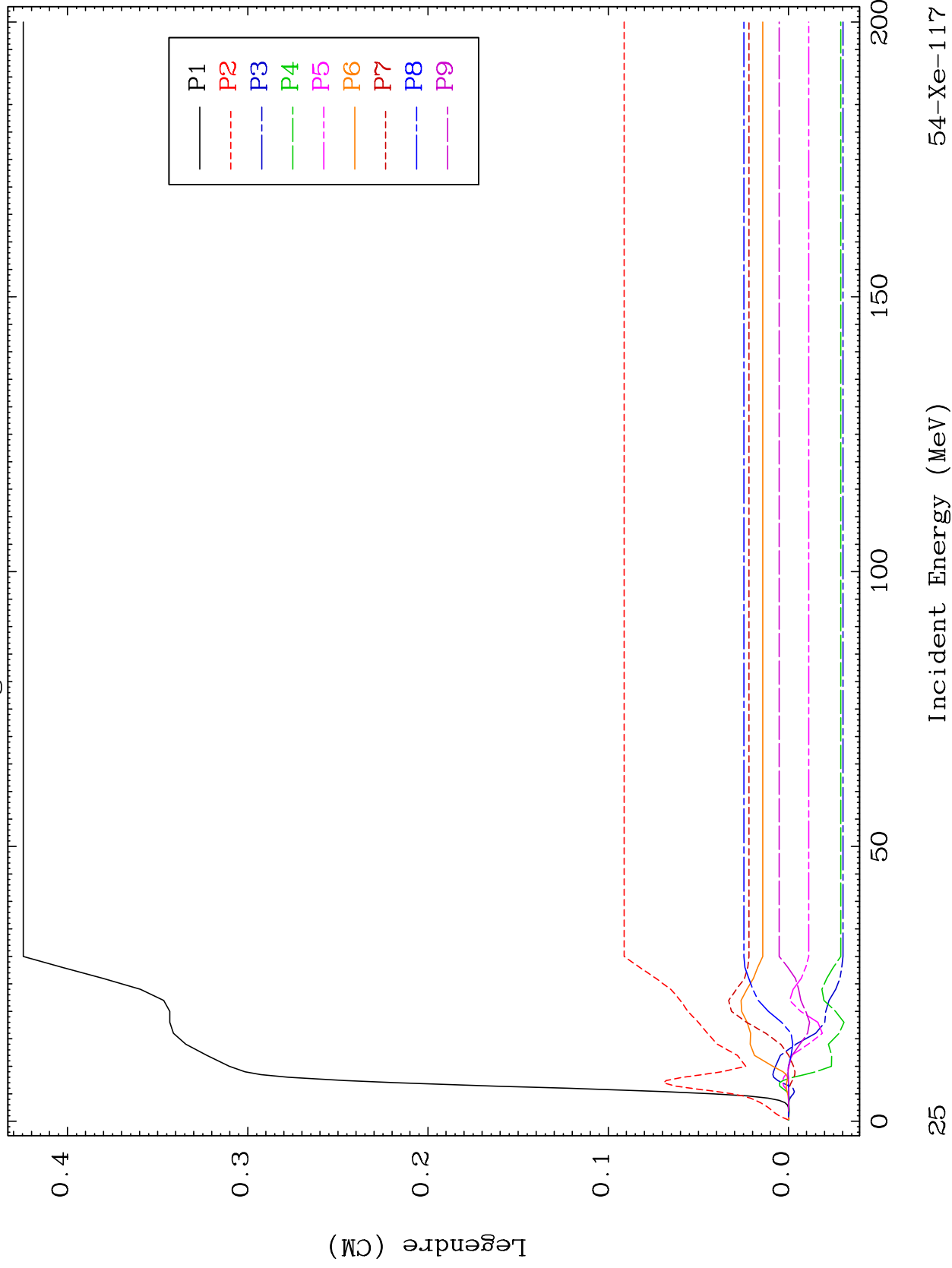
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



54-Xe-117

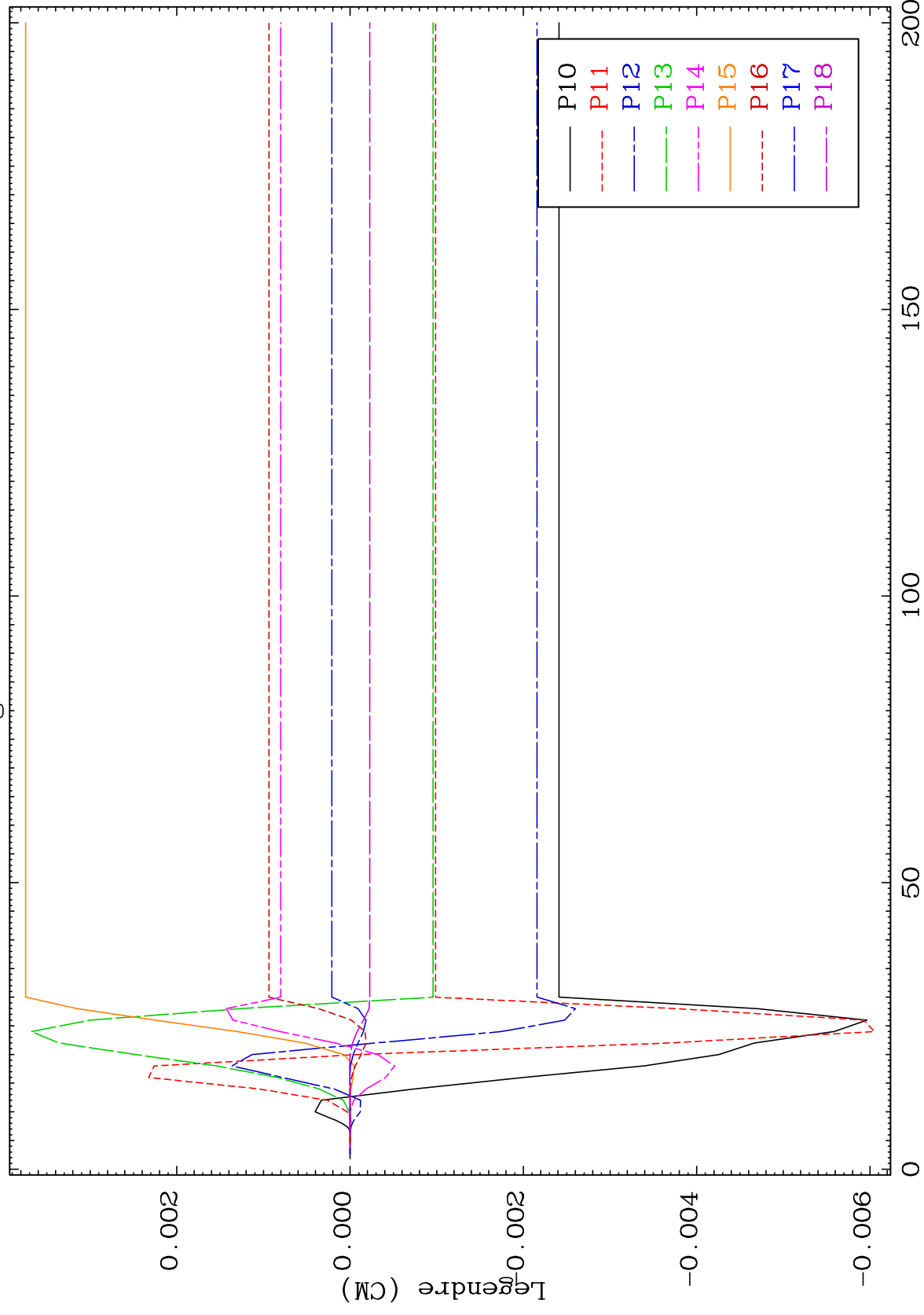
Incident Energy (MeV)

25

MAT 5404

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

54-Xe-117



26

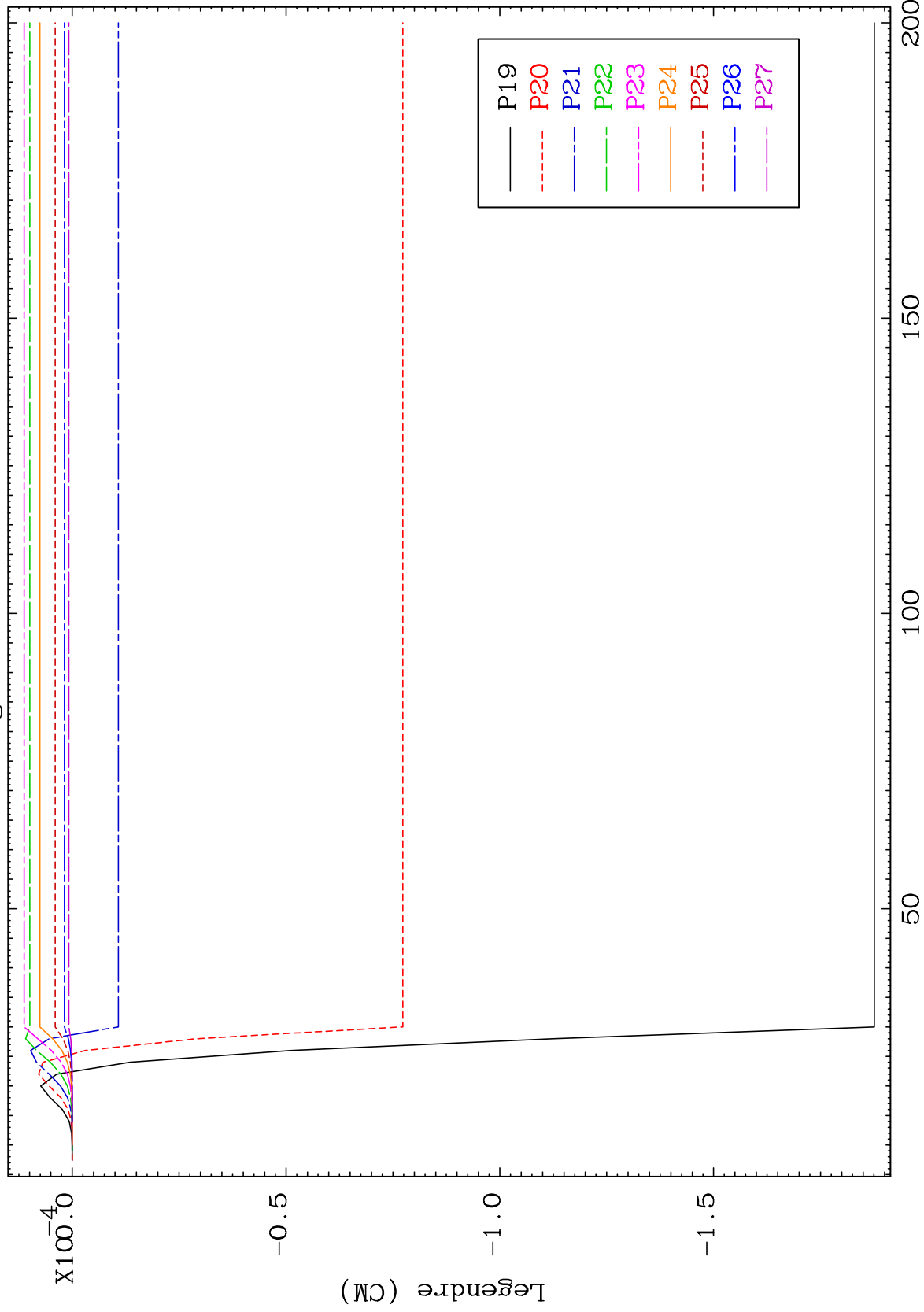
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

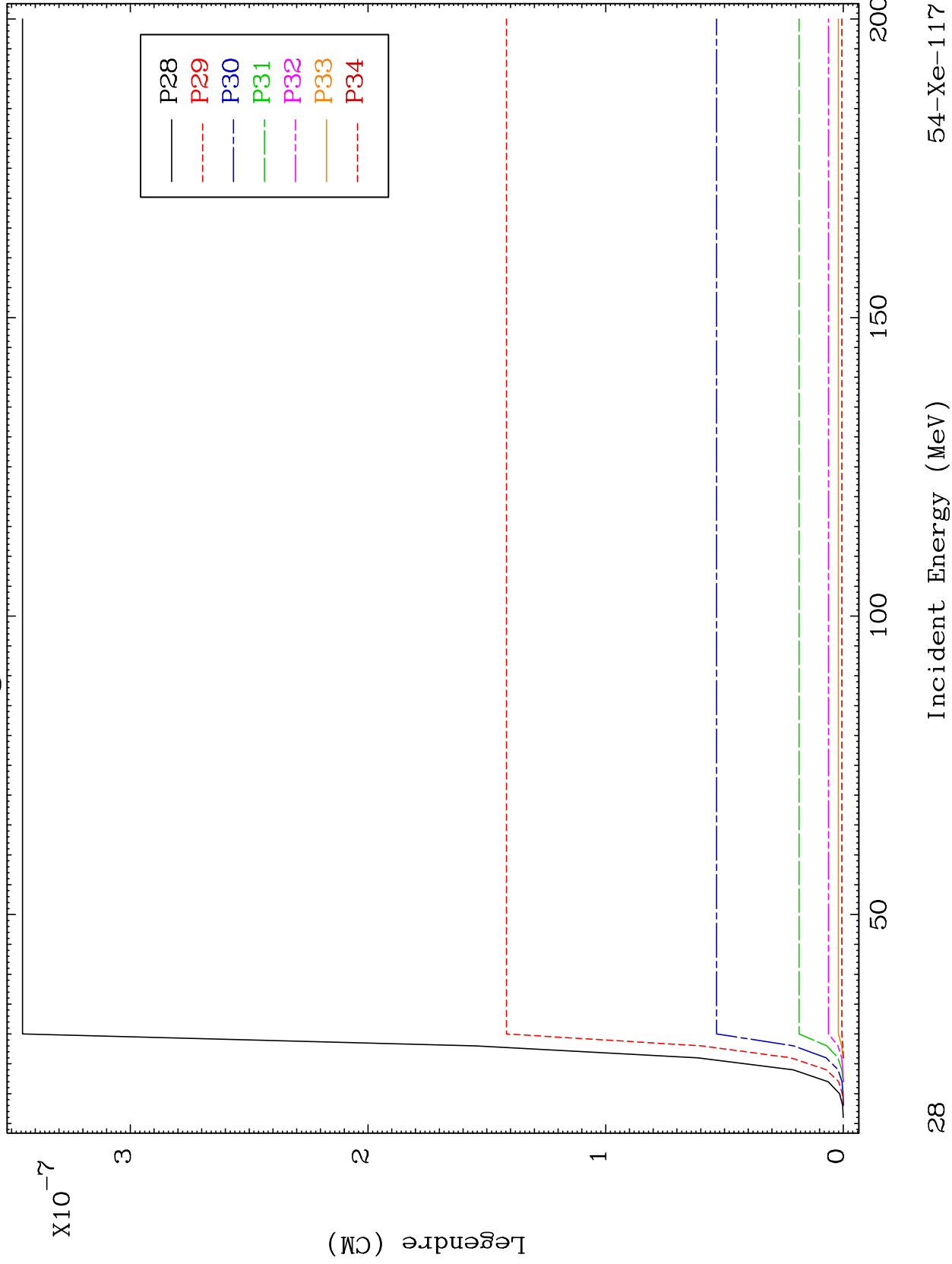
54-Xe-117



MAT 5404

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

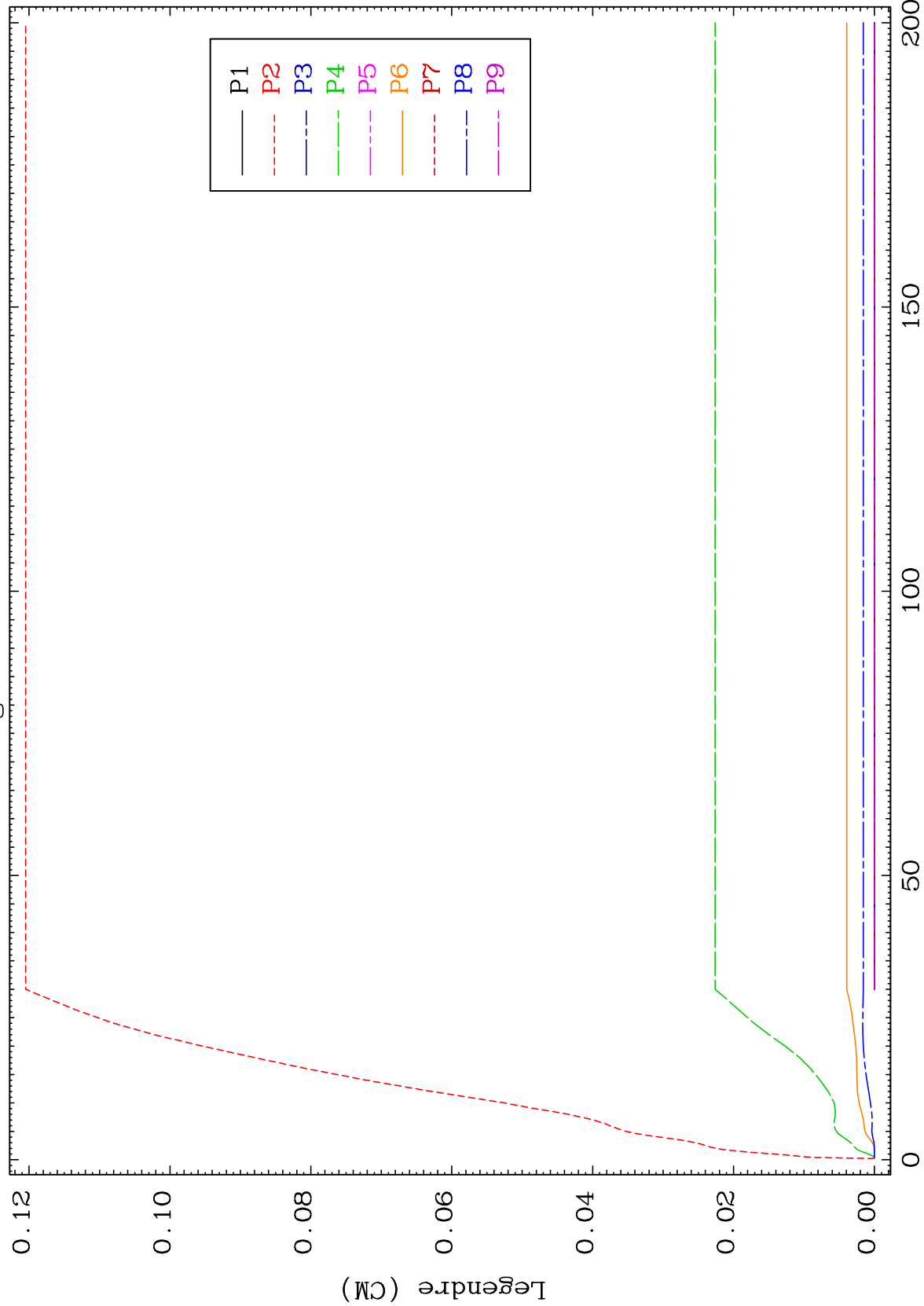
54-Xe-117



MAT 5404

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

54-Xe-117



29

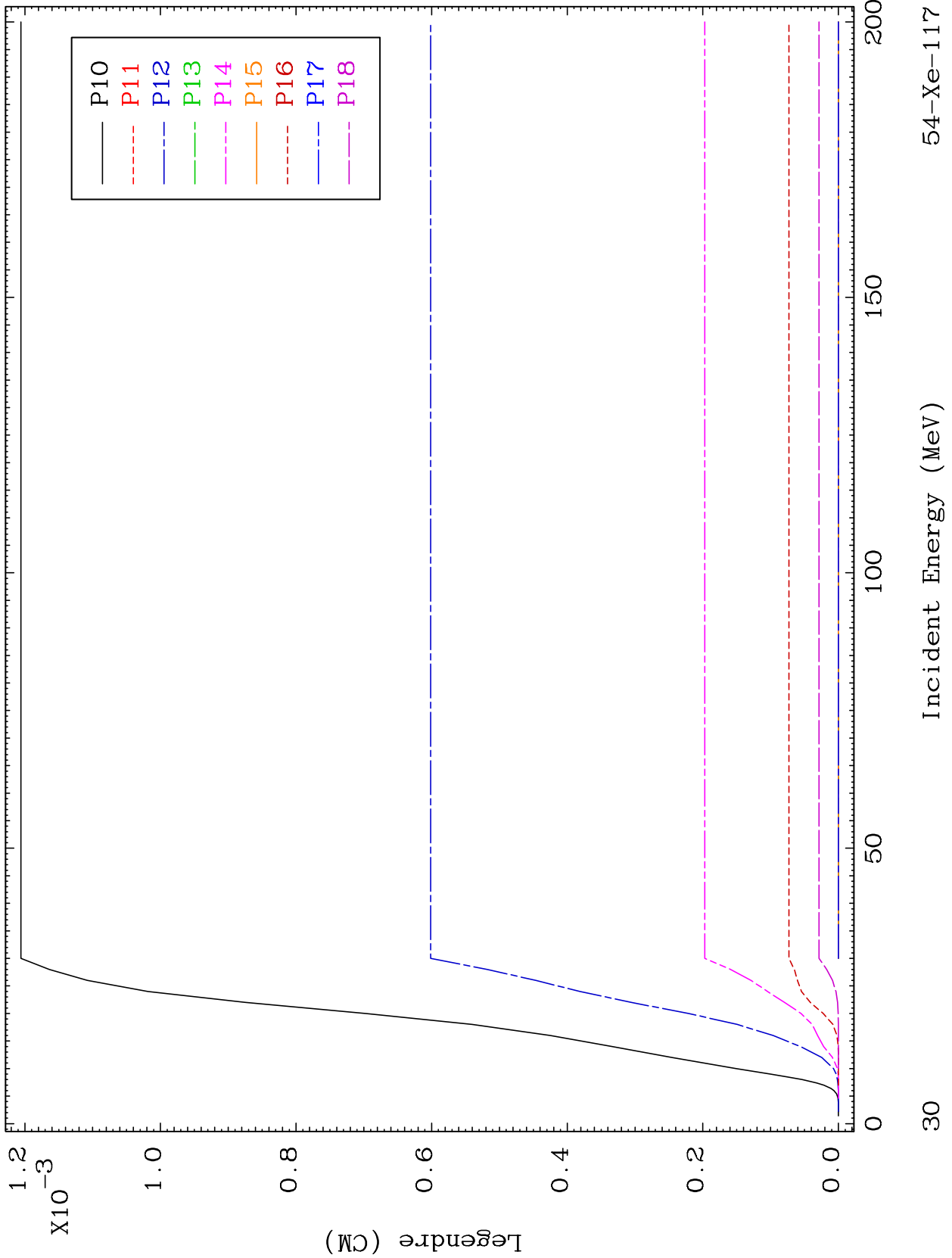
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



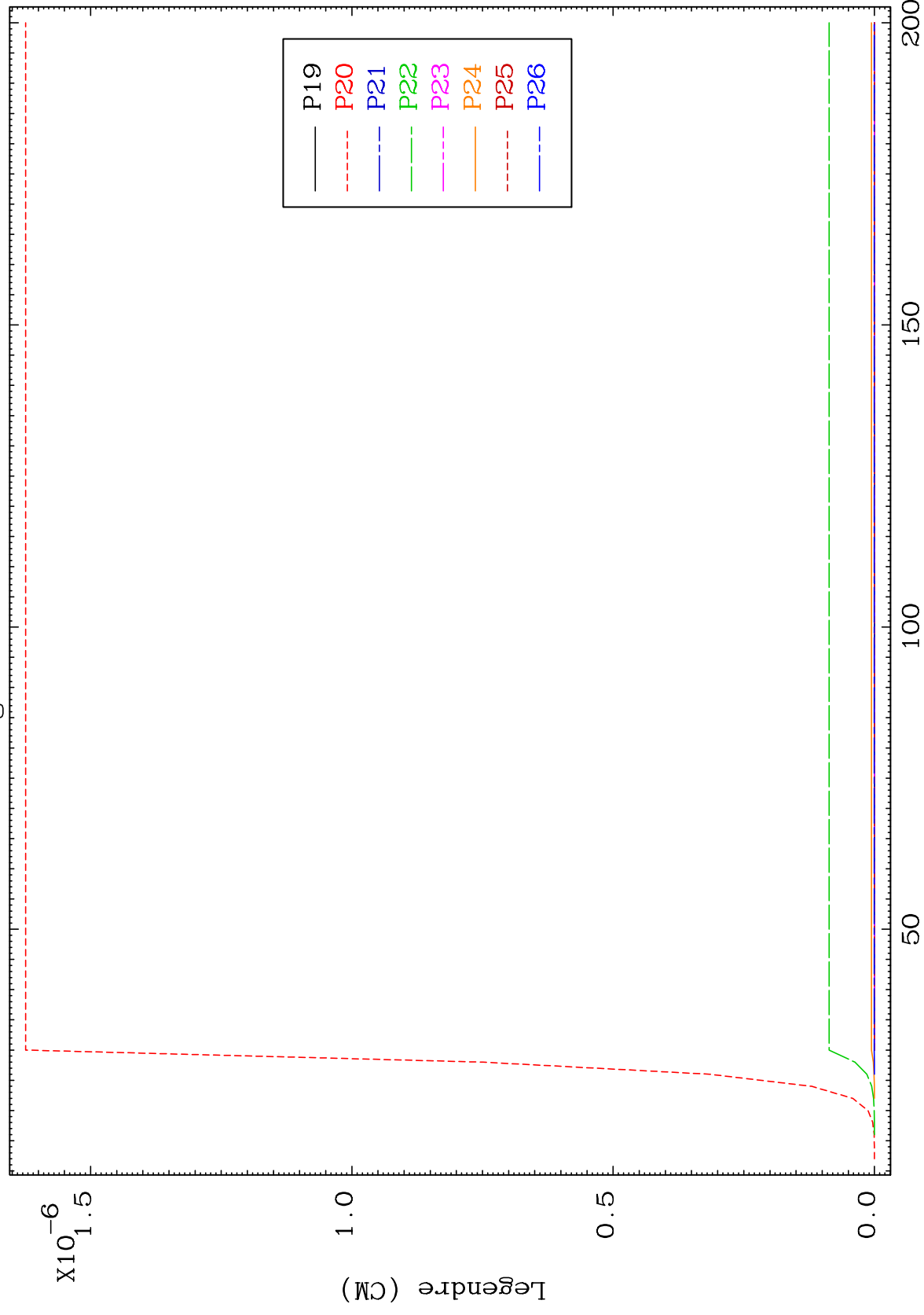
54-Xe-117

Incident Energy (MeV)

MAT 5404

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

54-Xe-117



31

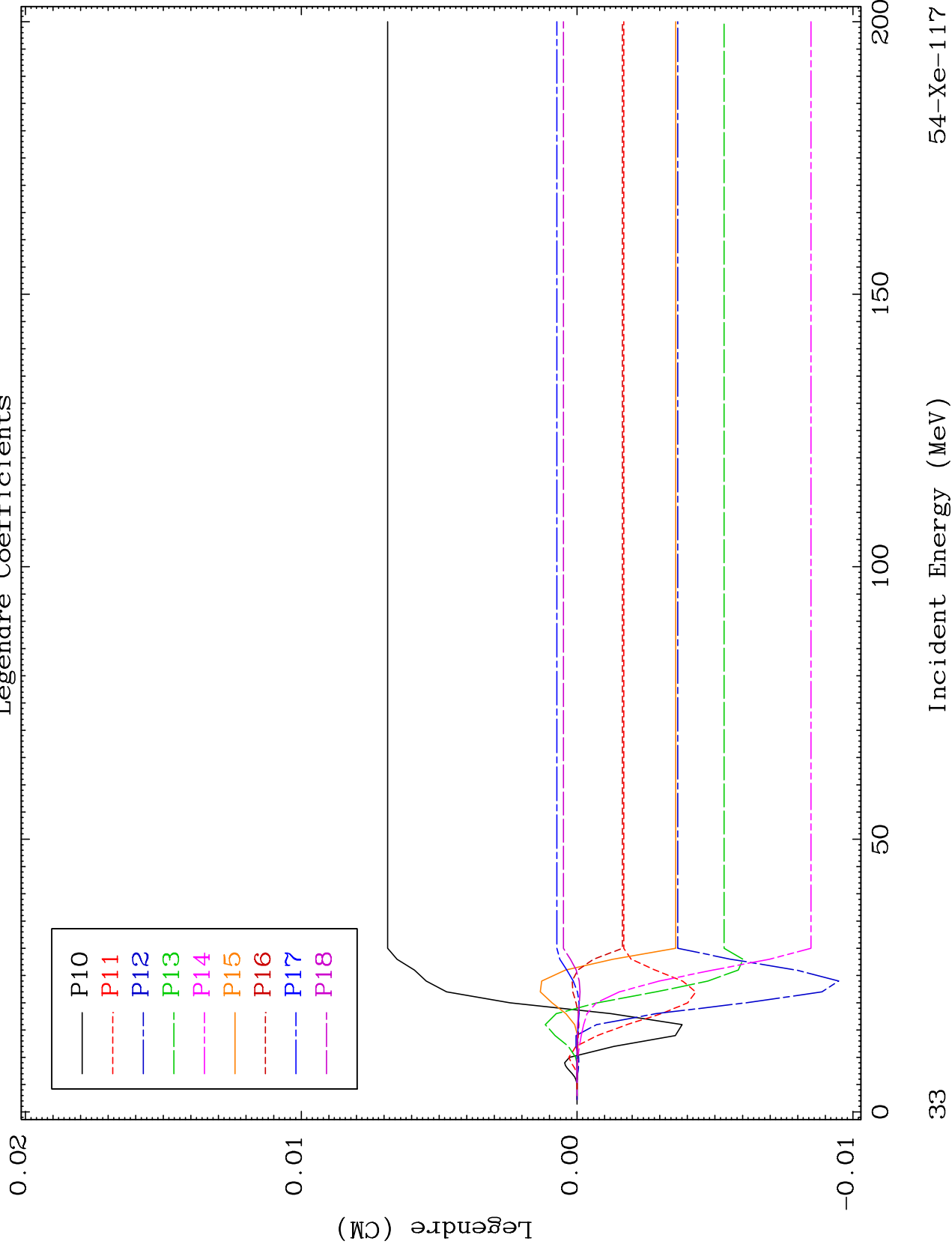
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



33

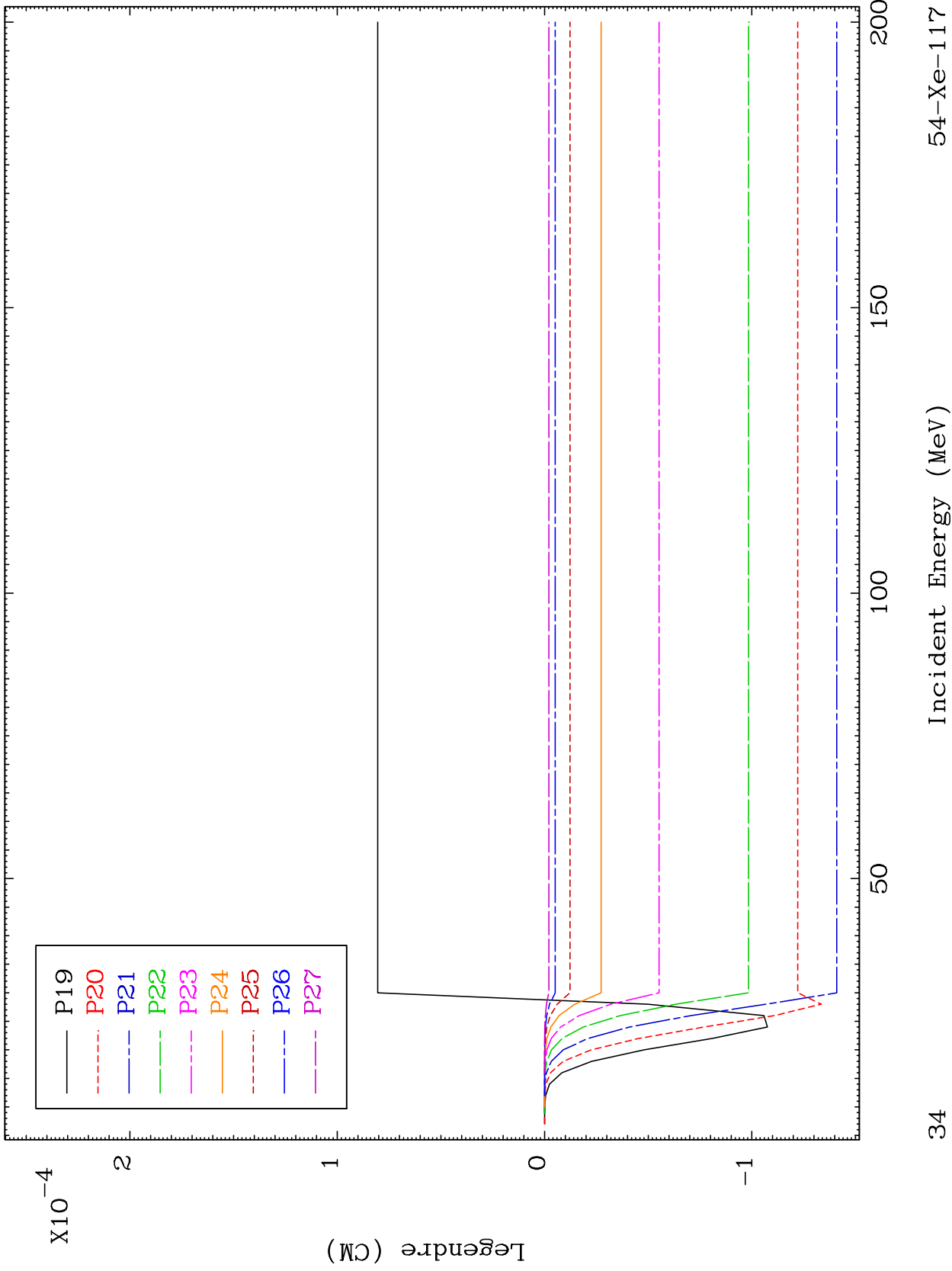
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

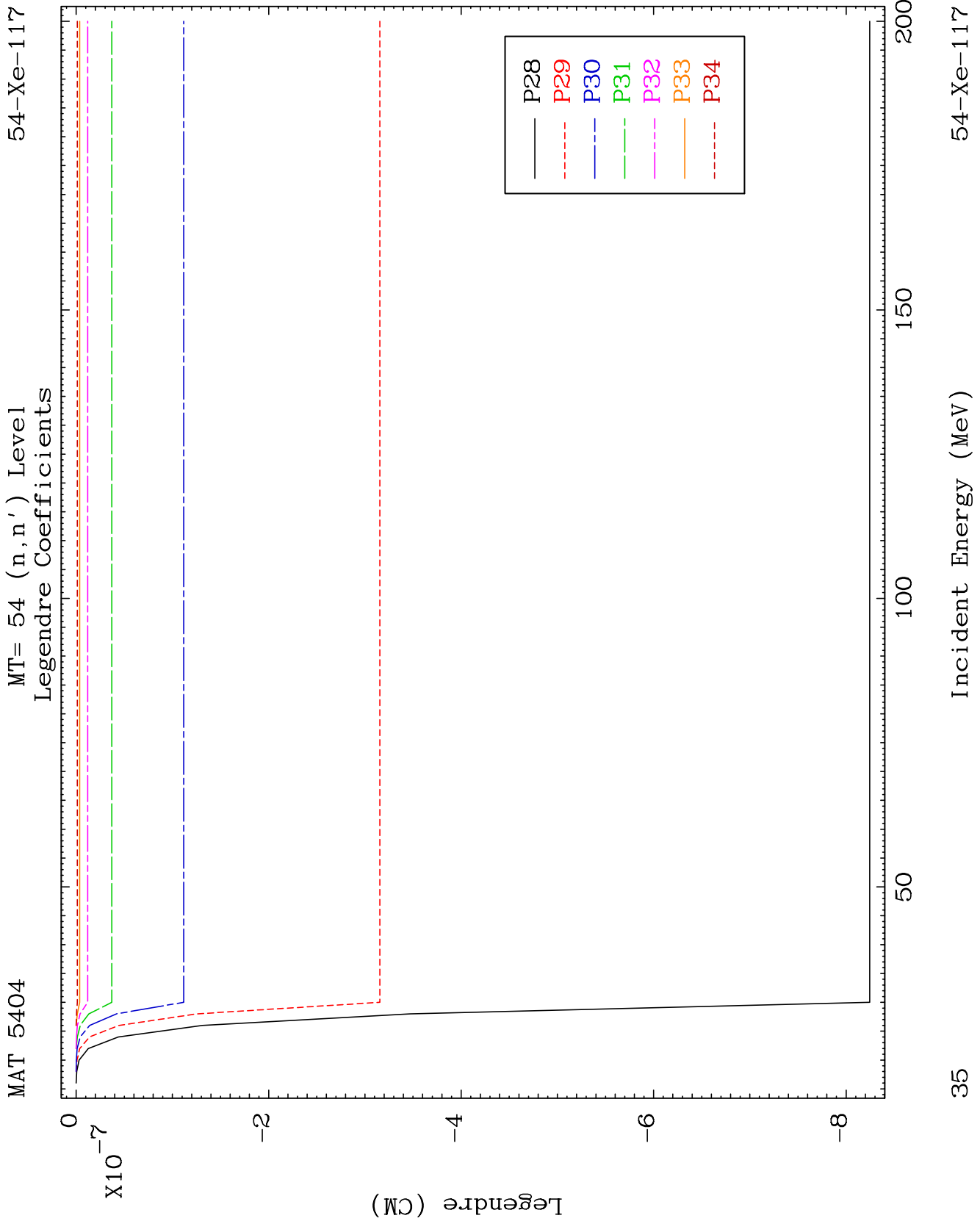
54-Xe-117



34

Incident Energy (MeV)

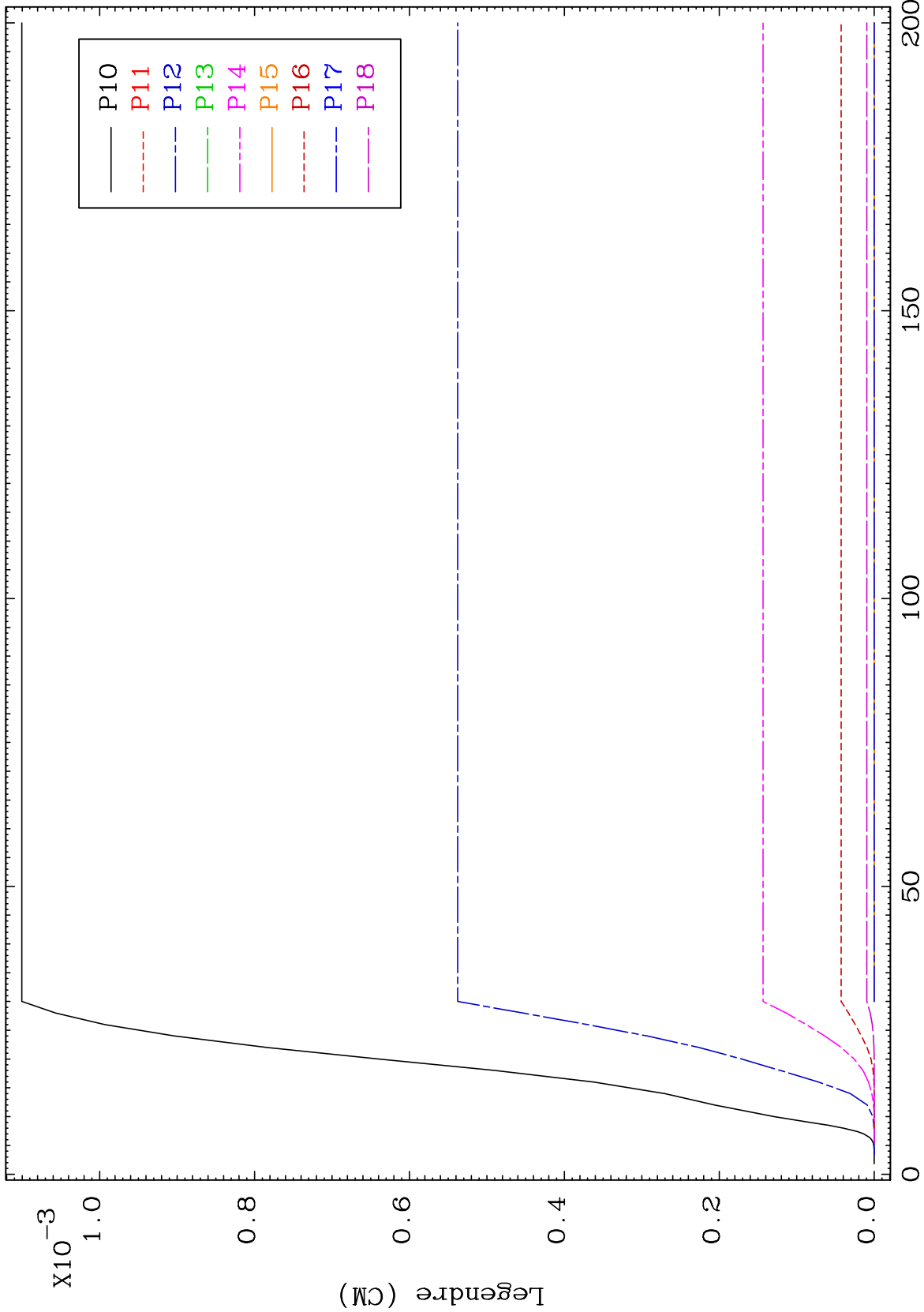
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MAT 5404

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

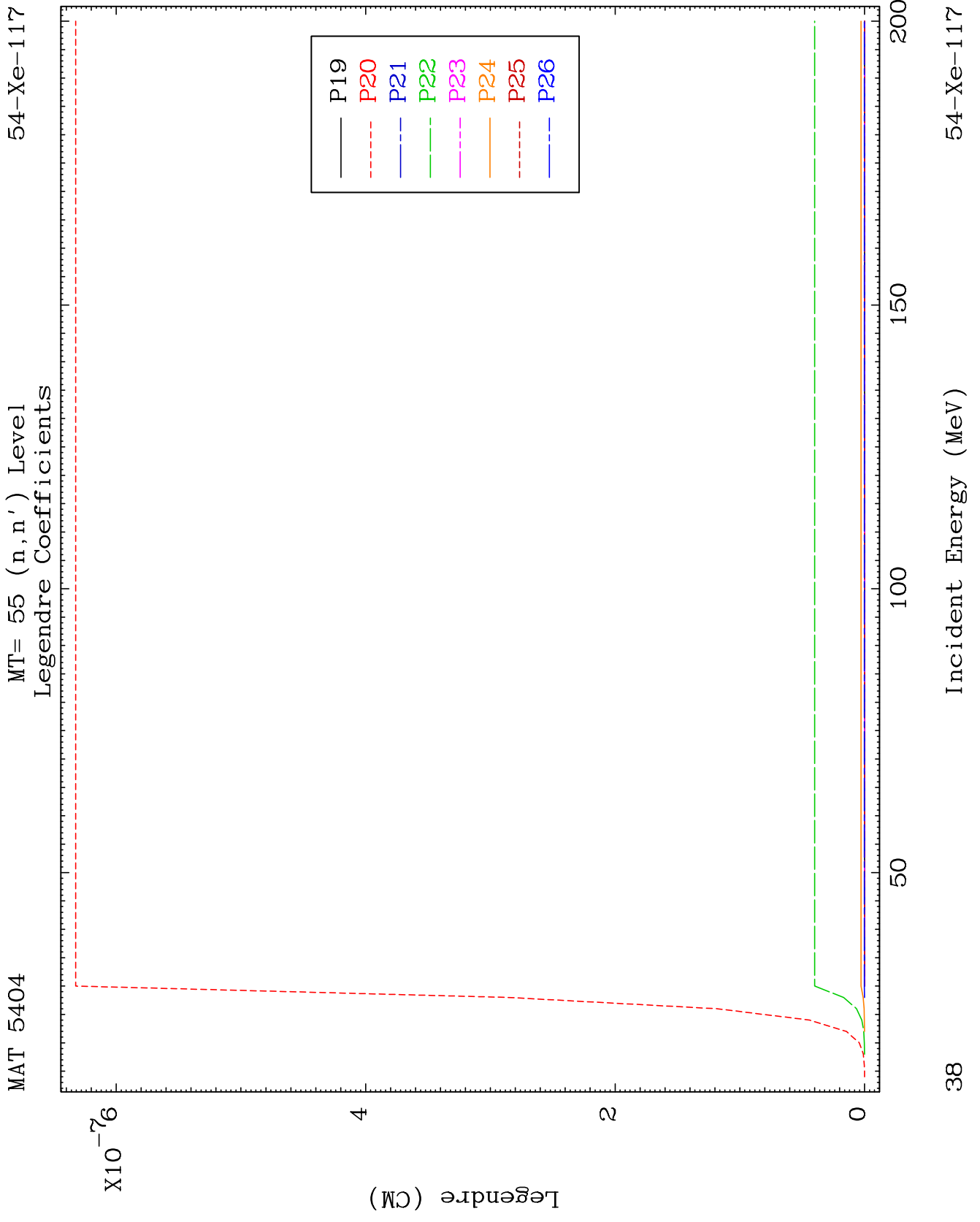
54-Xe-117



37

Incident Energy (MeV)

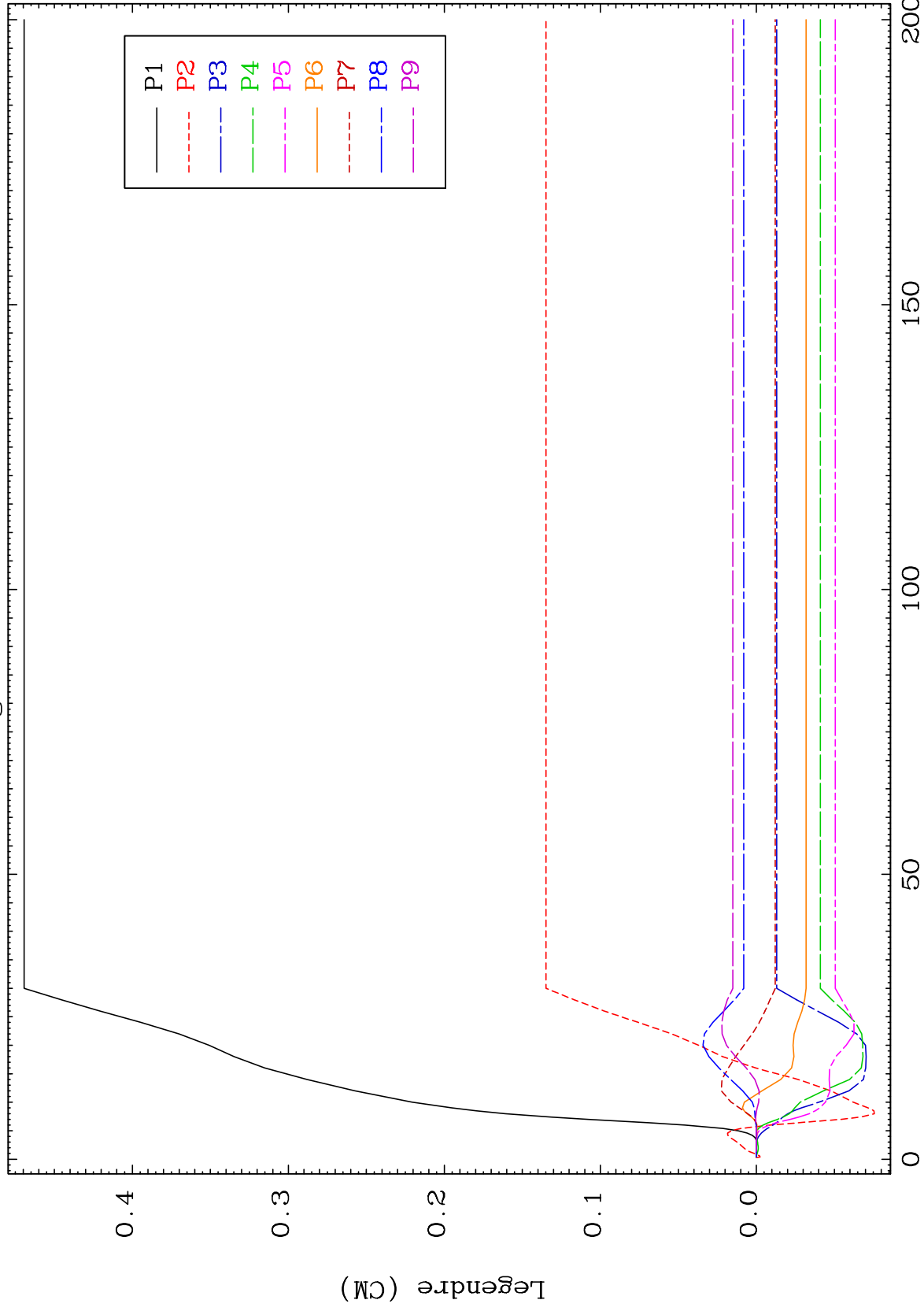
54-Xe-117



MAT 5404

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

54-Xe-117



39

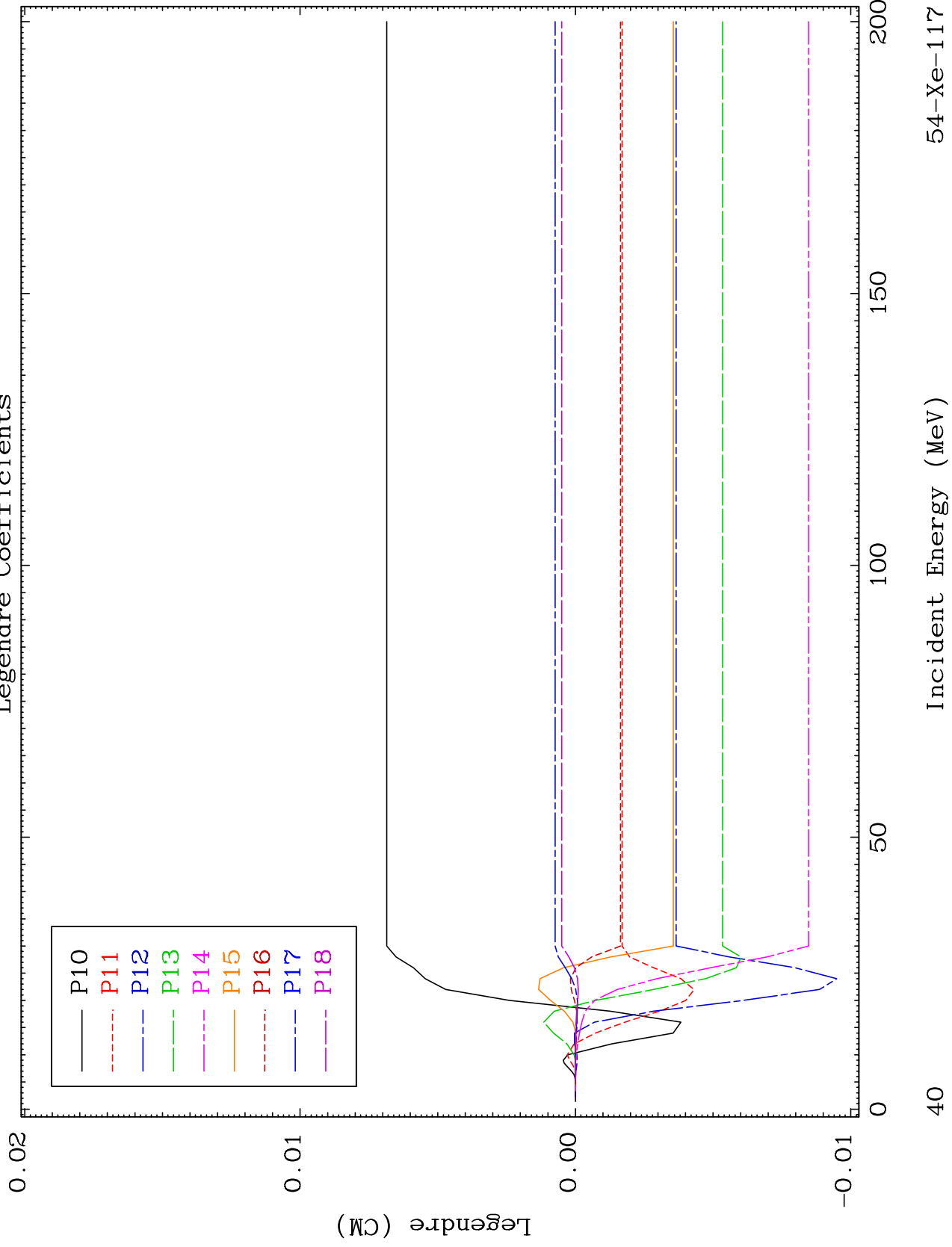
Incident Energy (MeV)

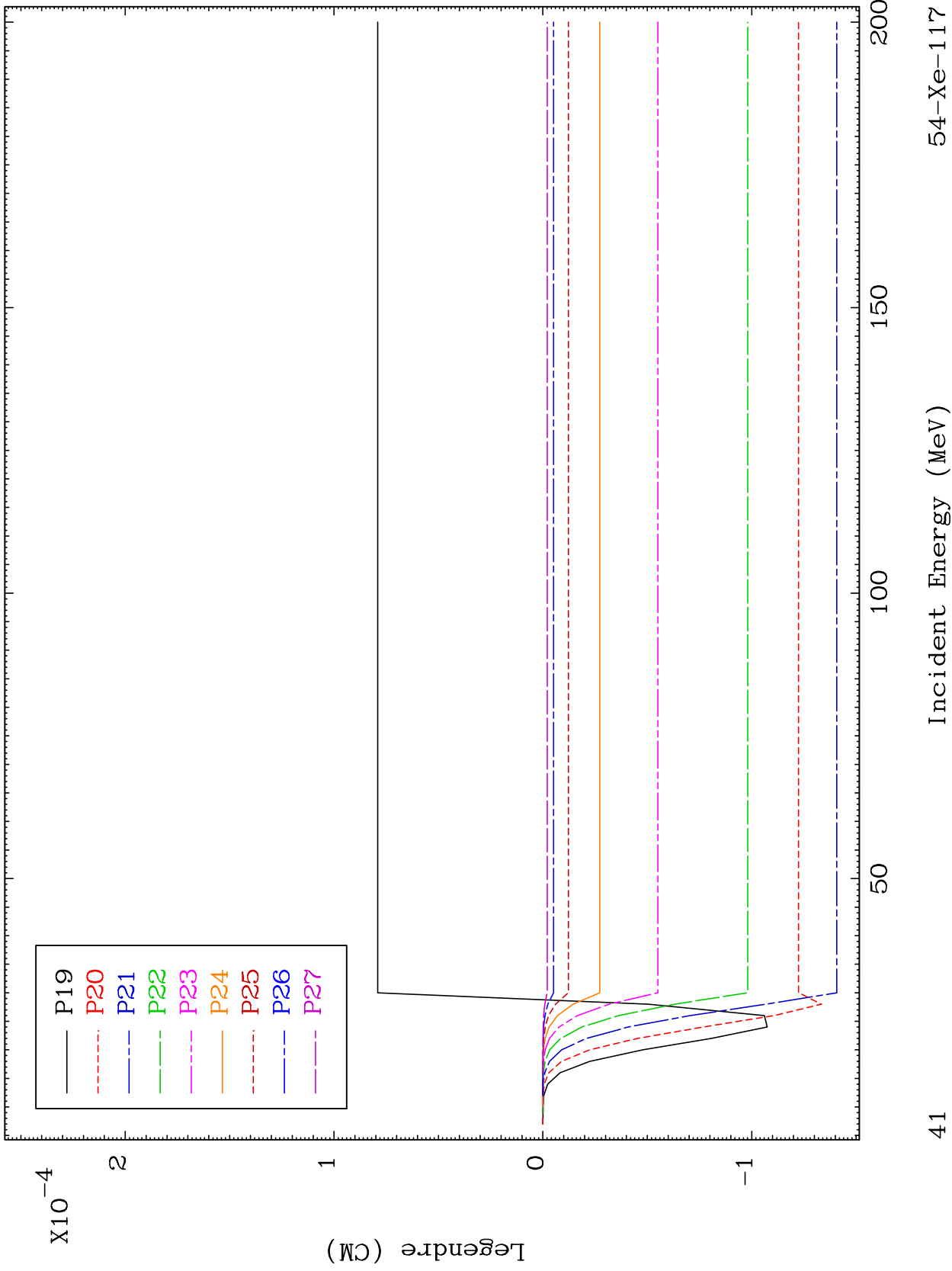
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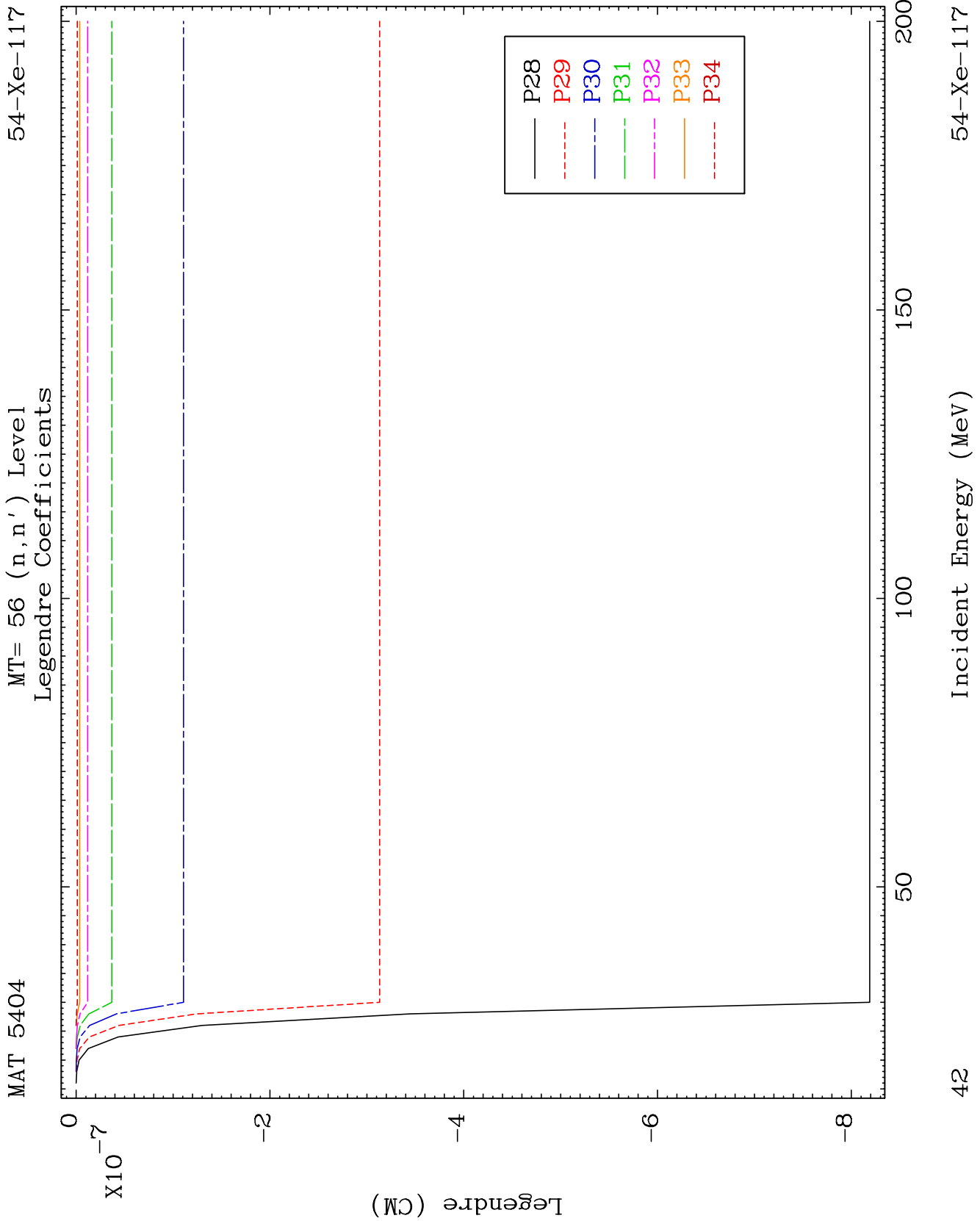
MAT 5404

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

54-Xe-117



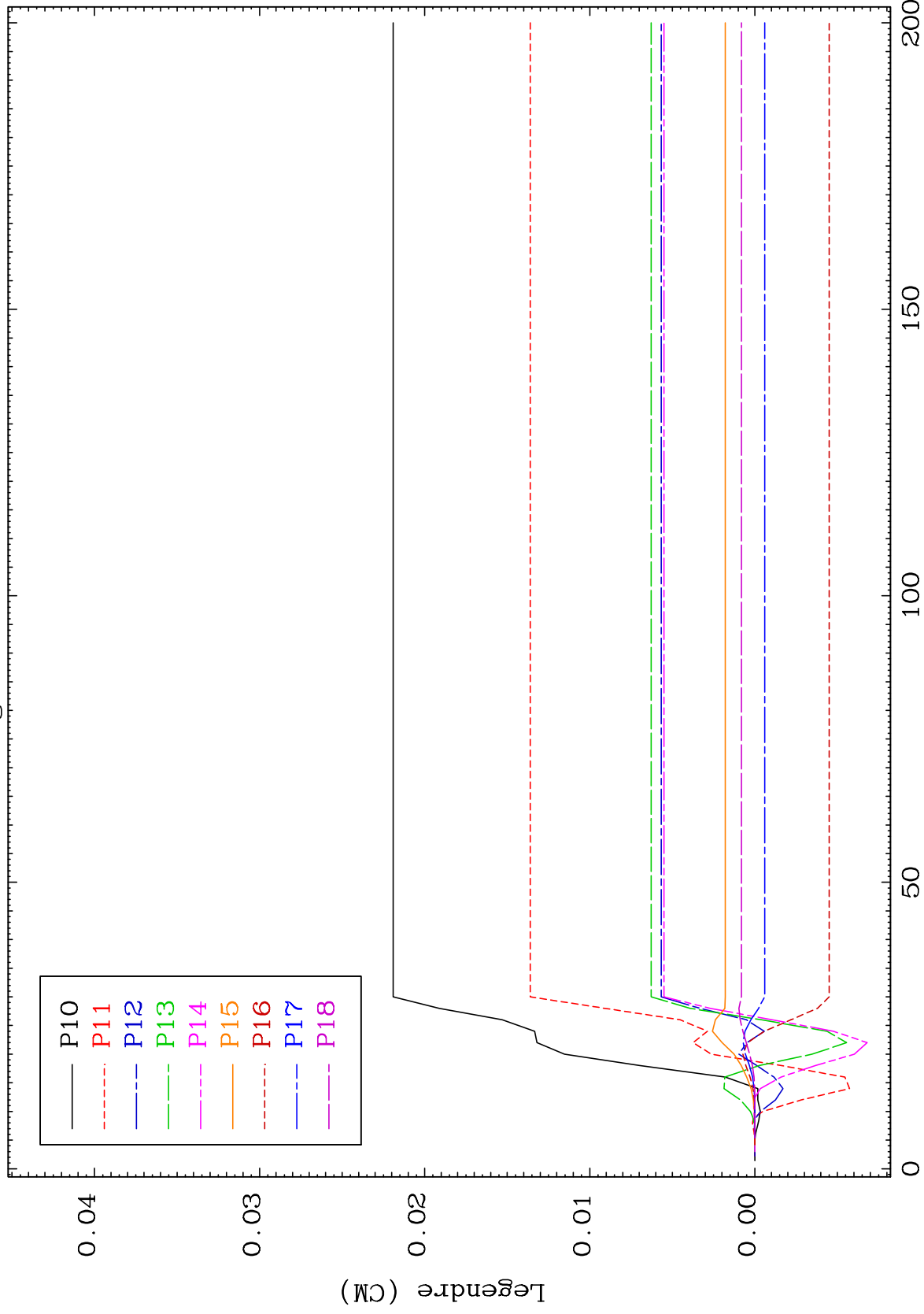




MAT 5404

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

54-Xe-117



44

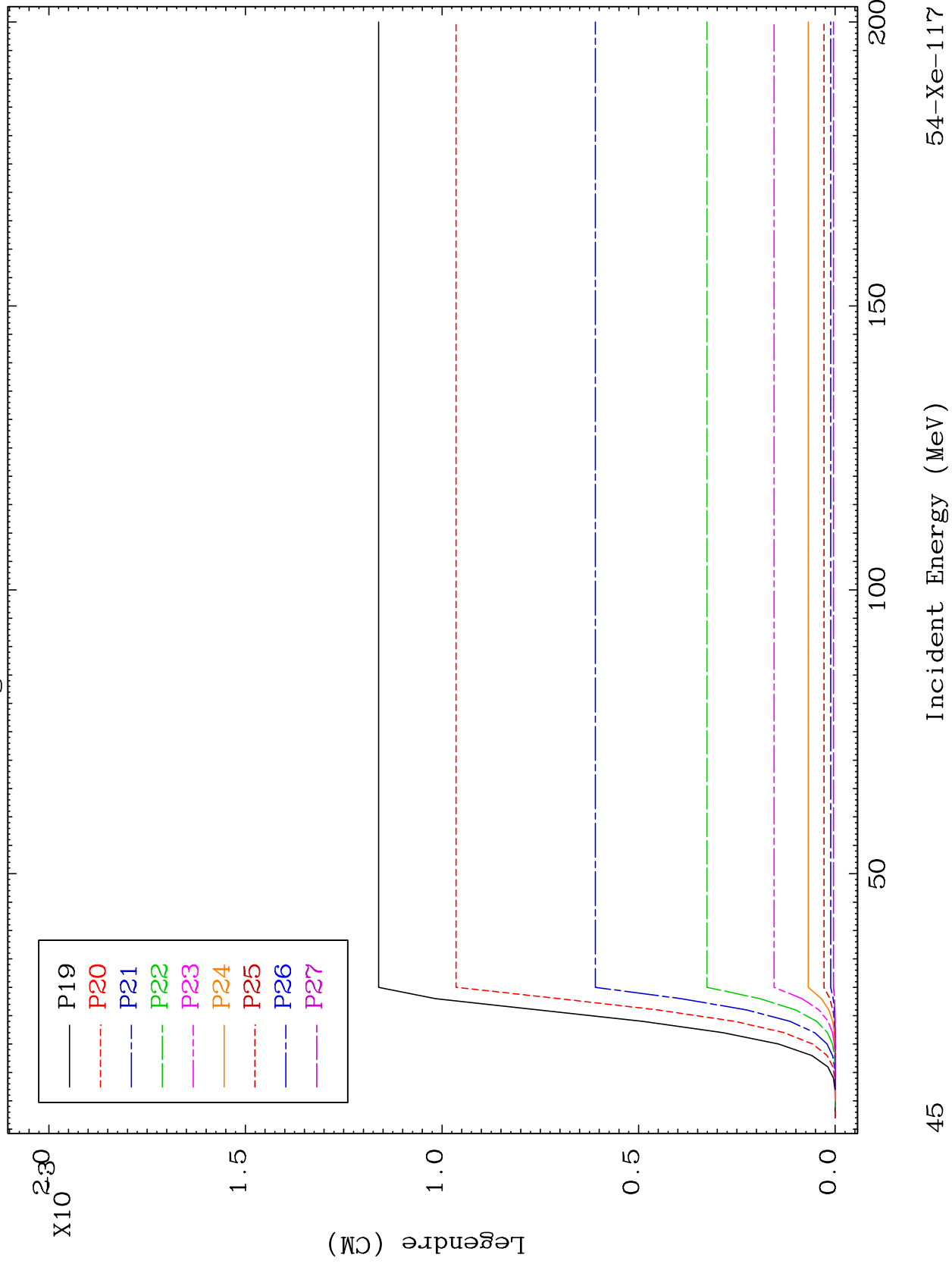
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



45

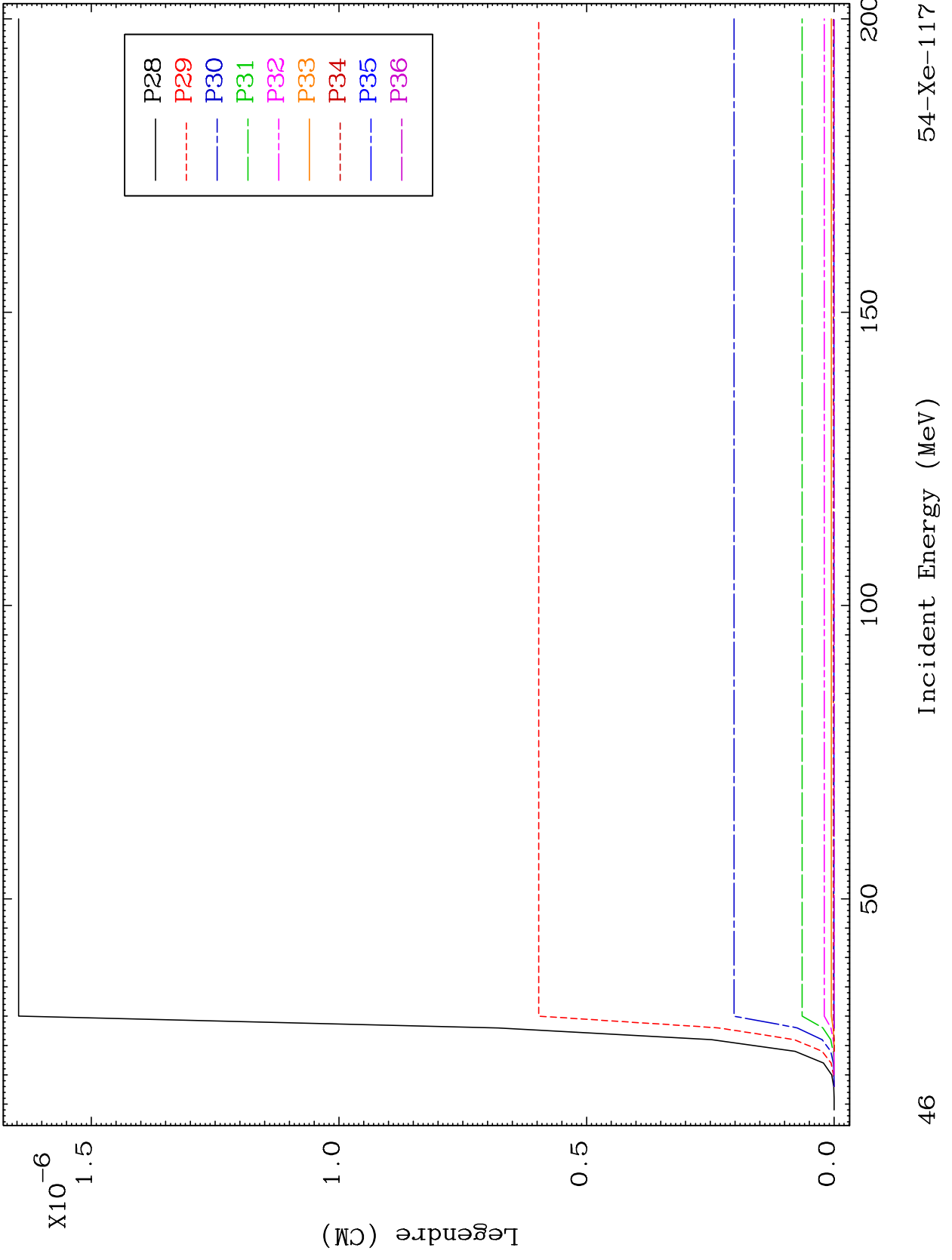
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

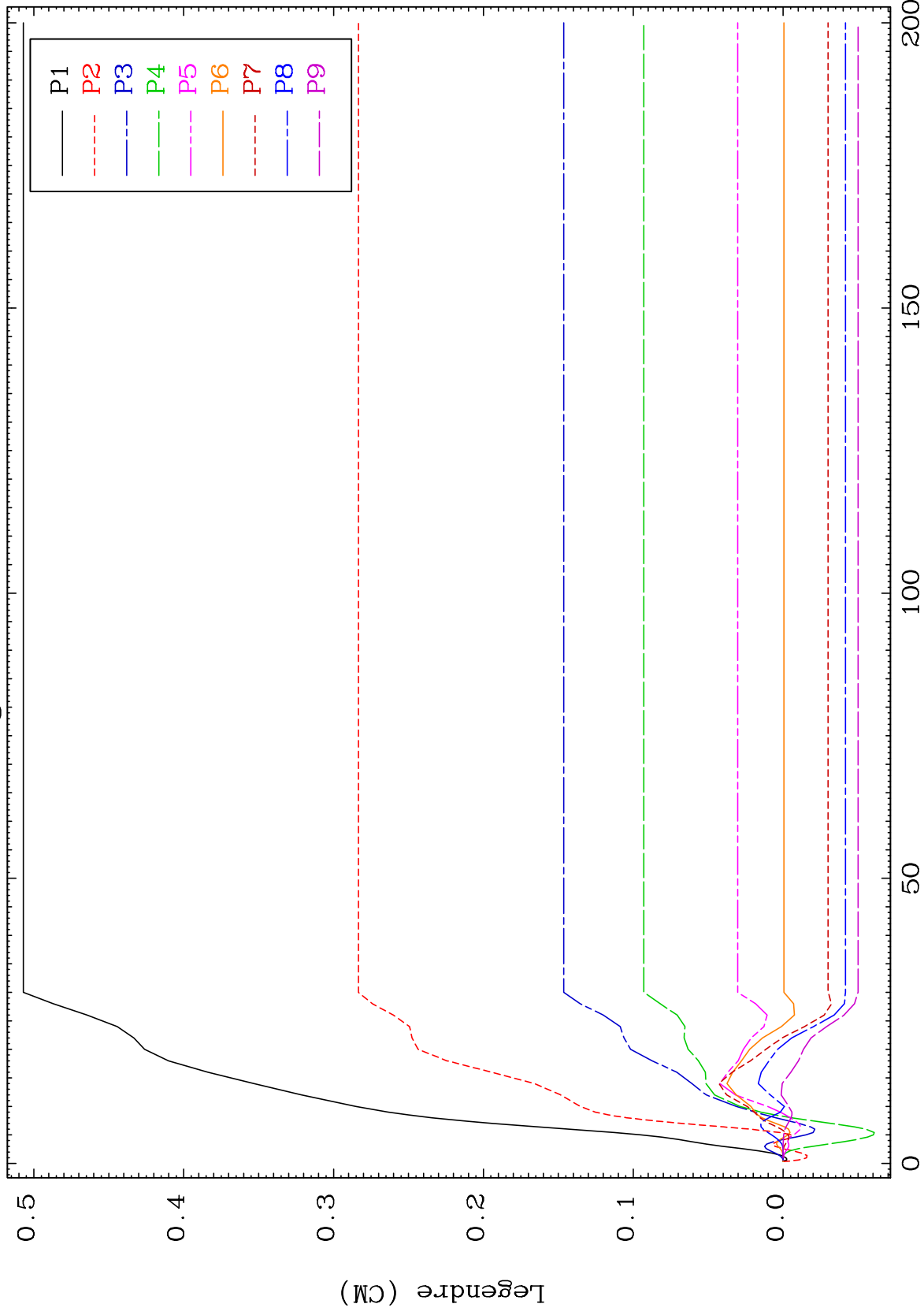
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MAT 5404

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

54-Xe-117



54-Xe-117

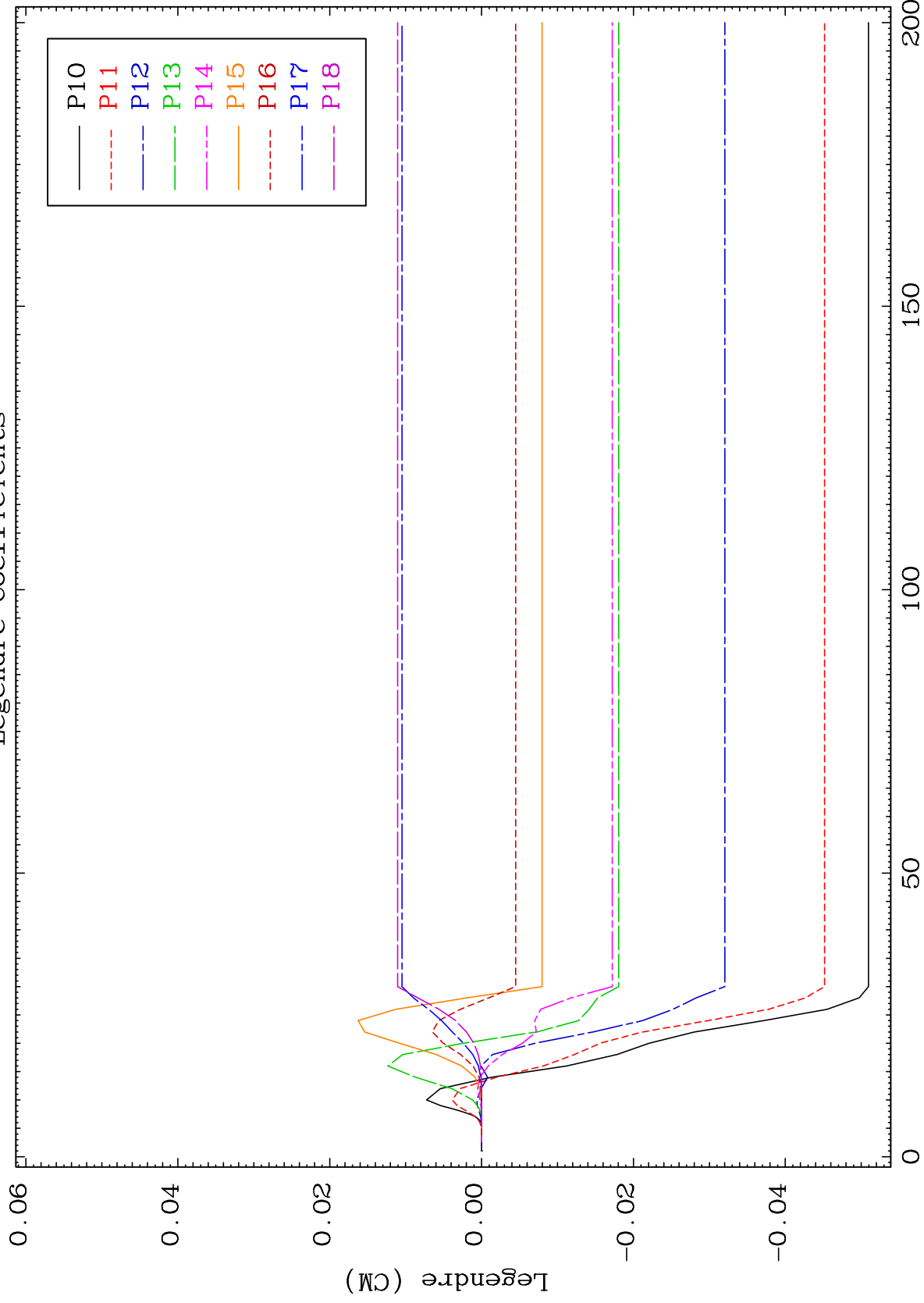
Incident Energy (MeV)

47

MAT 5404

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

54-Xe-117



48

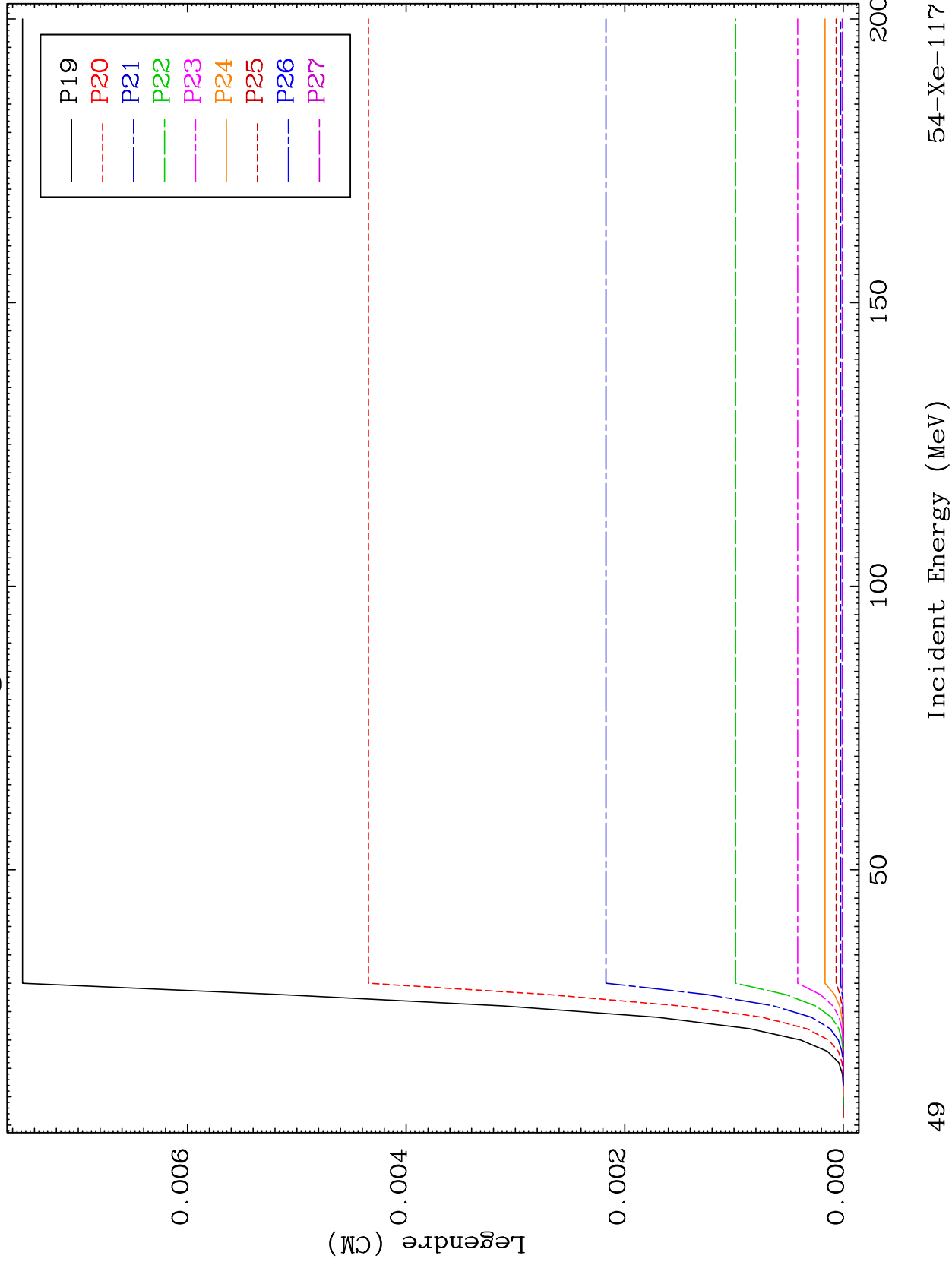
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



49

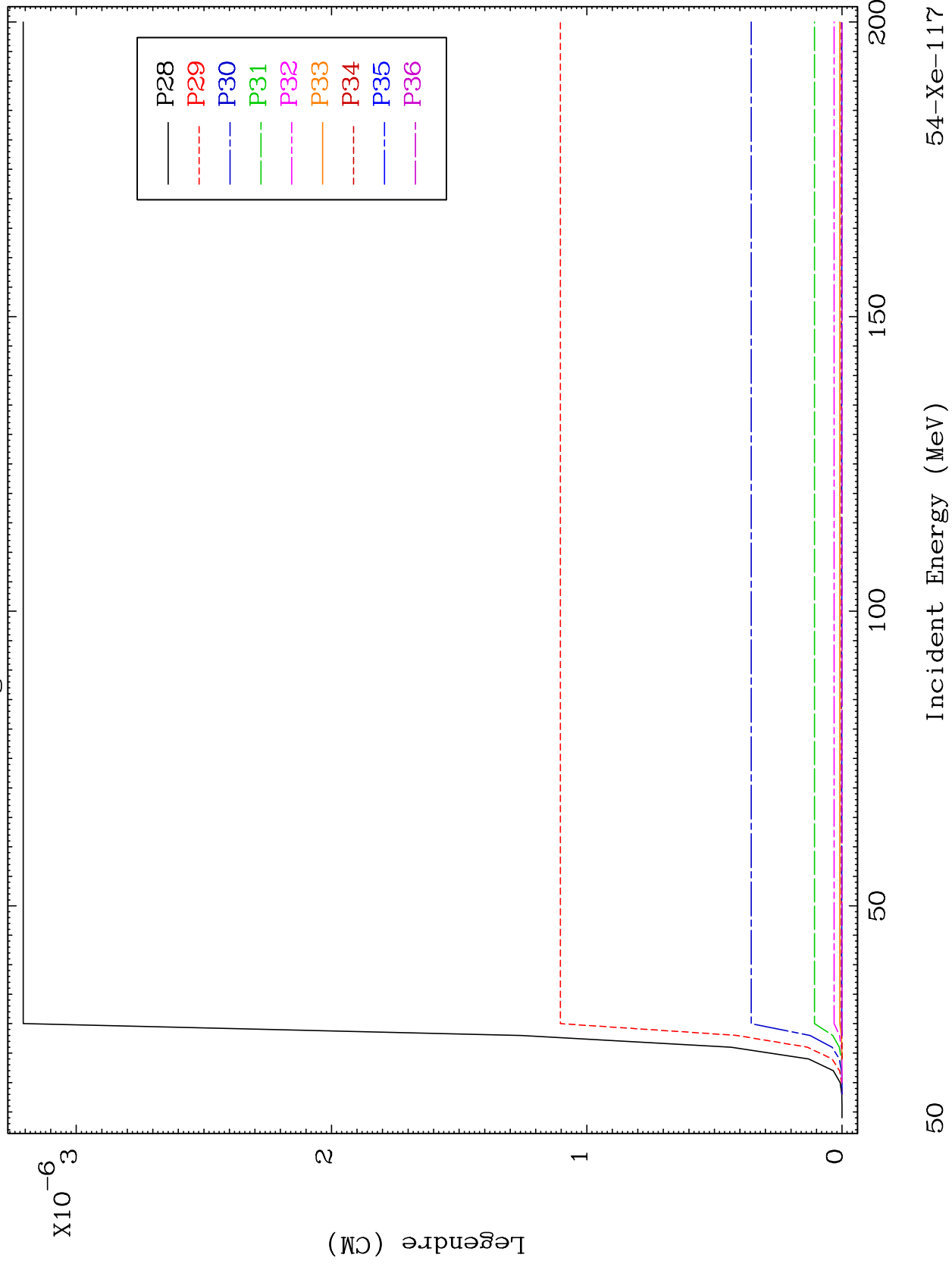
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

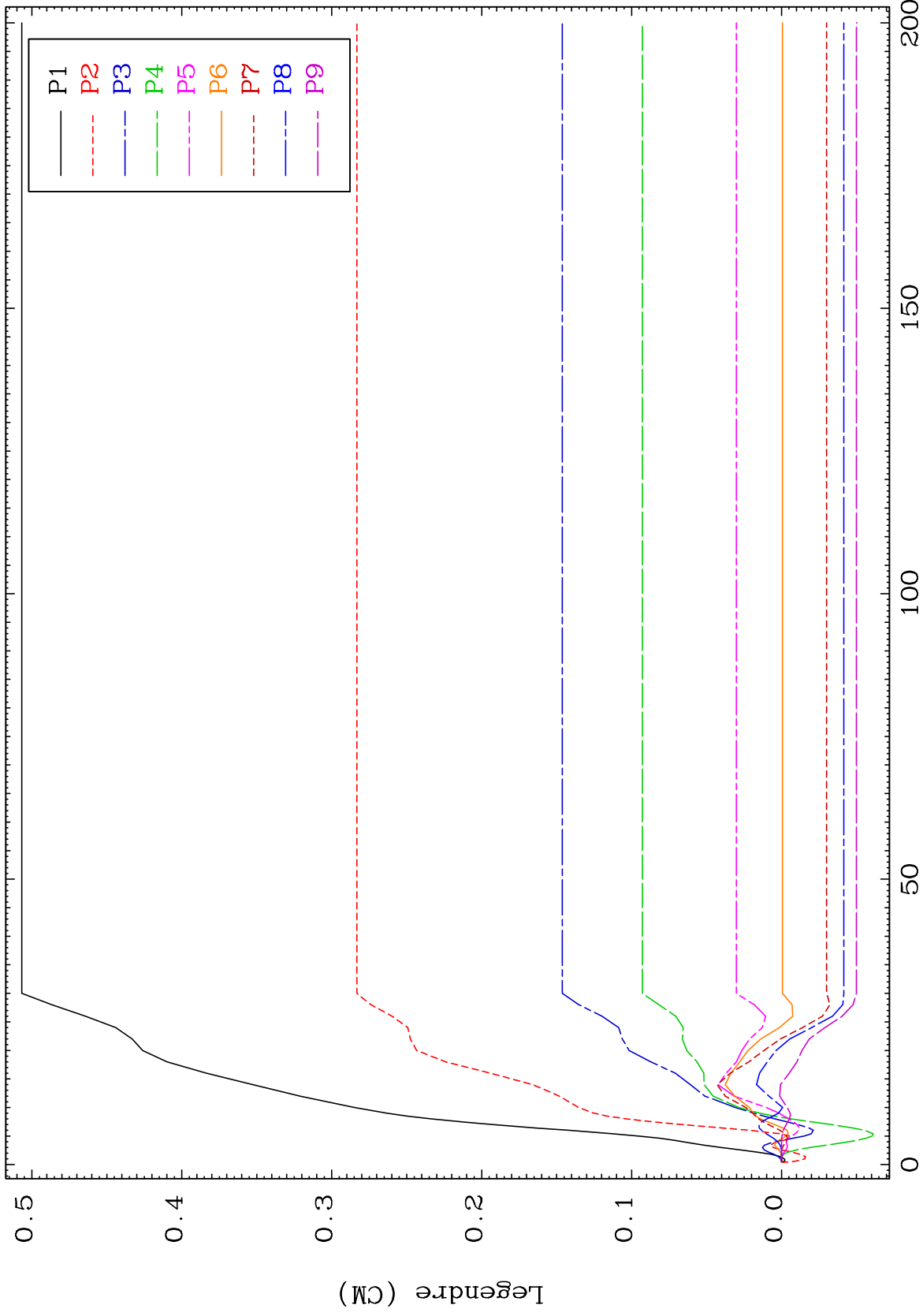
54-Xe-117



MAT 5404

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

54-Xe-117



51

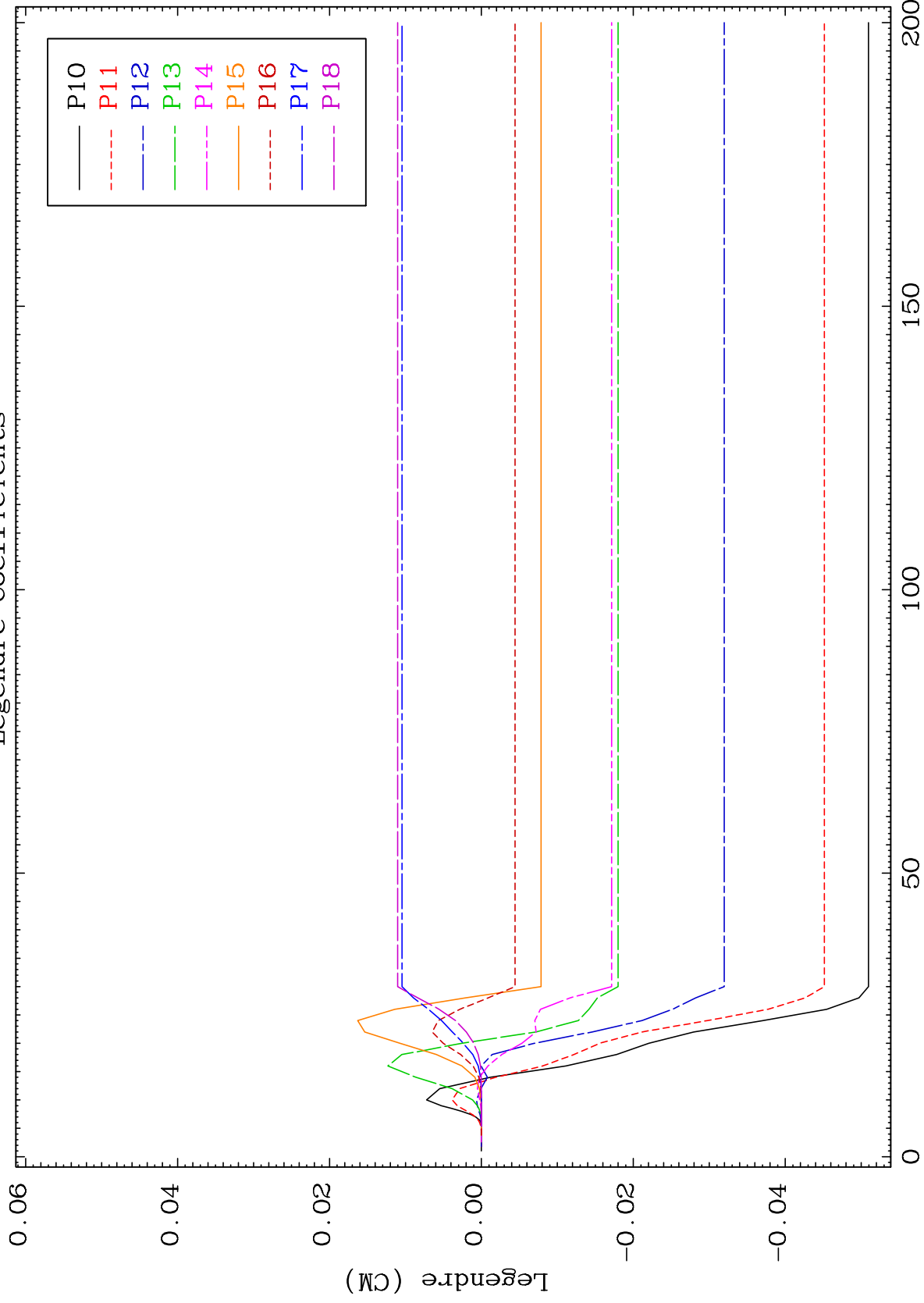
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



52

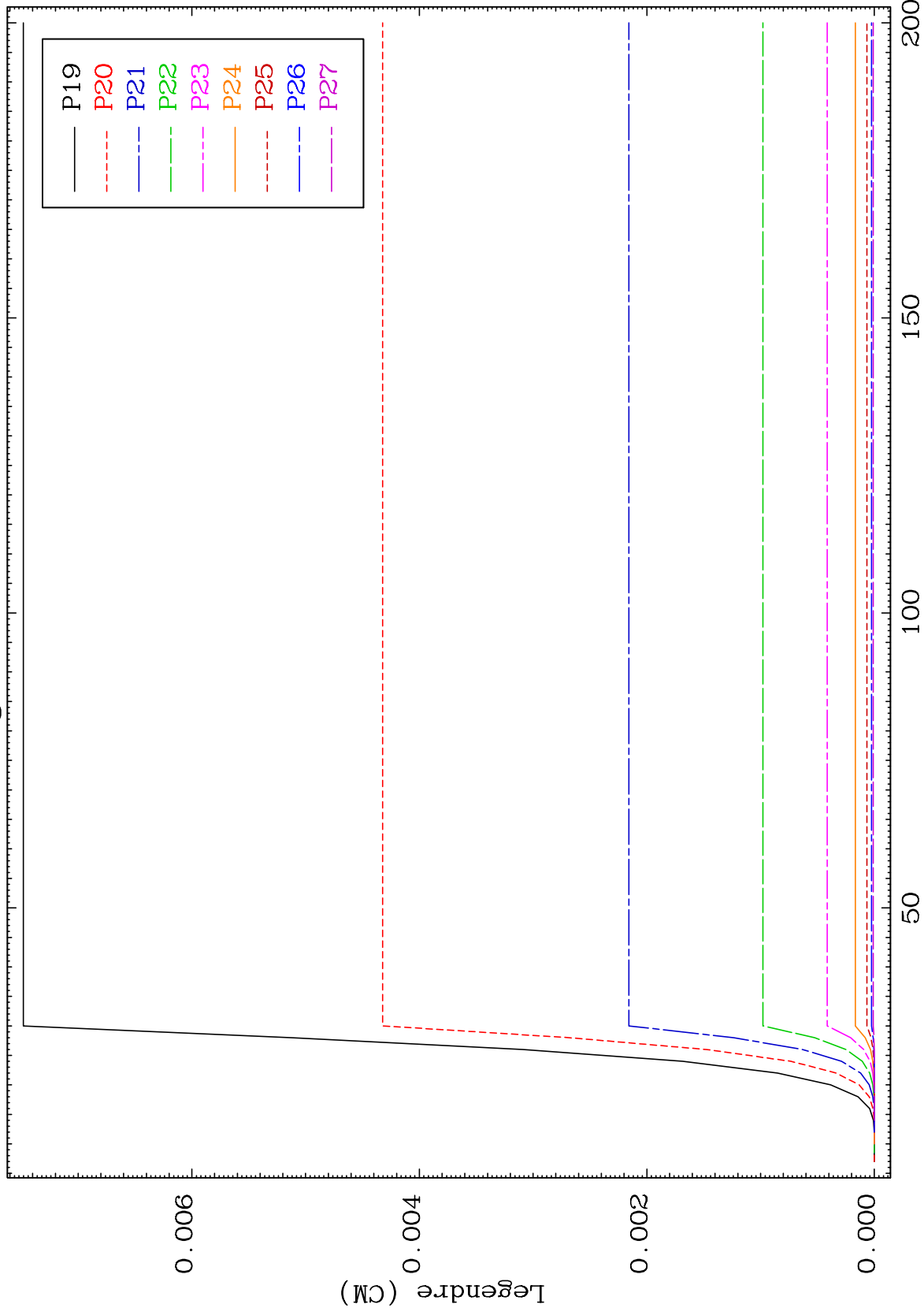
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



53

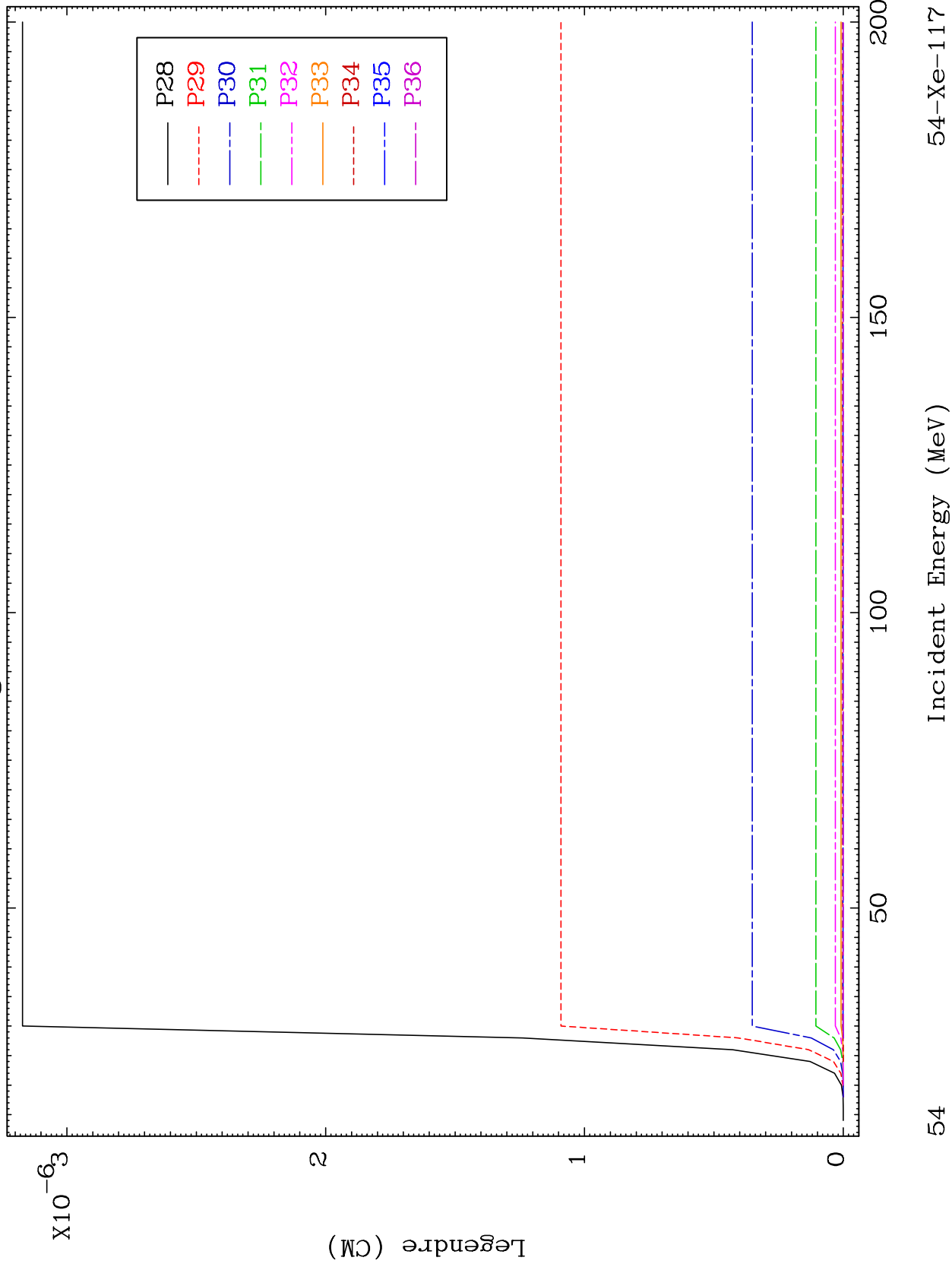
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117

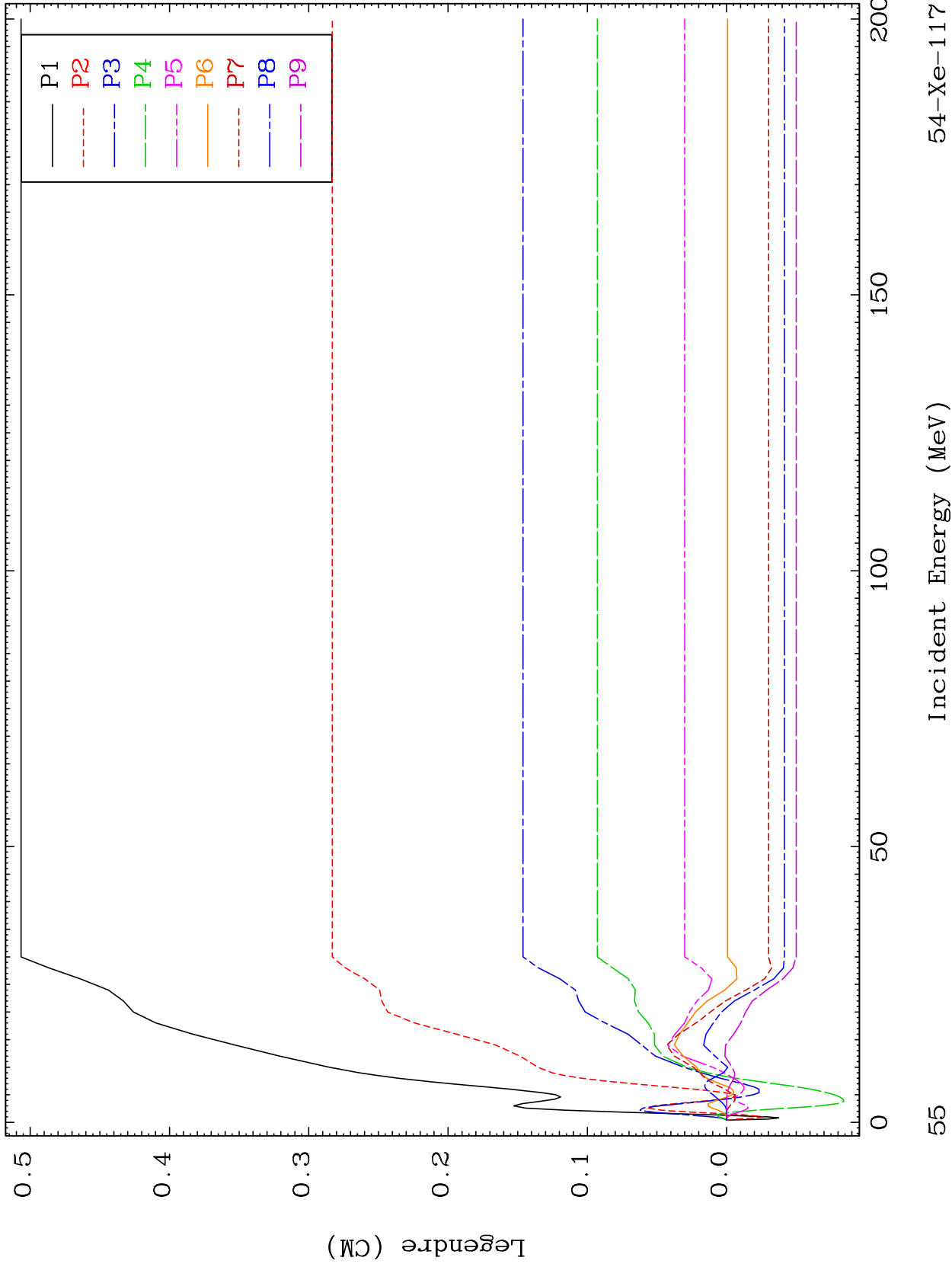


54

MAT 5404

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

54-Xe-117



54-Xe-117

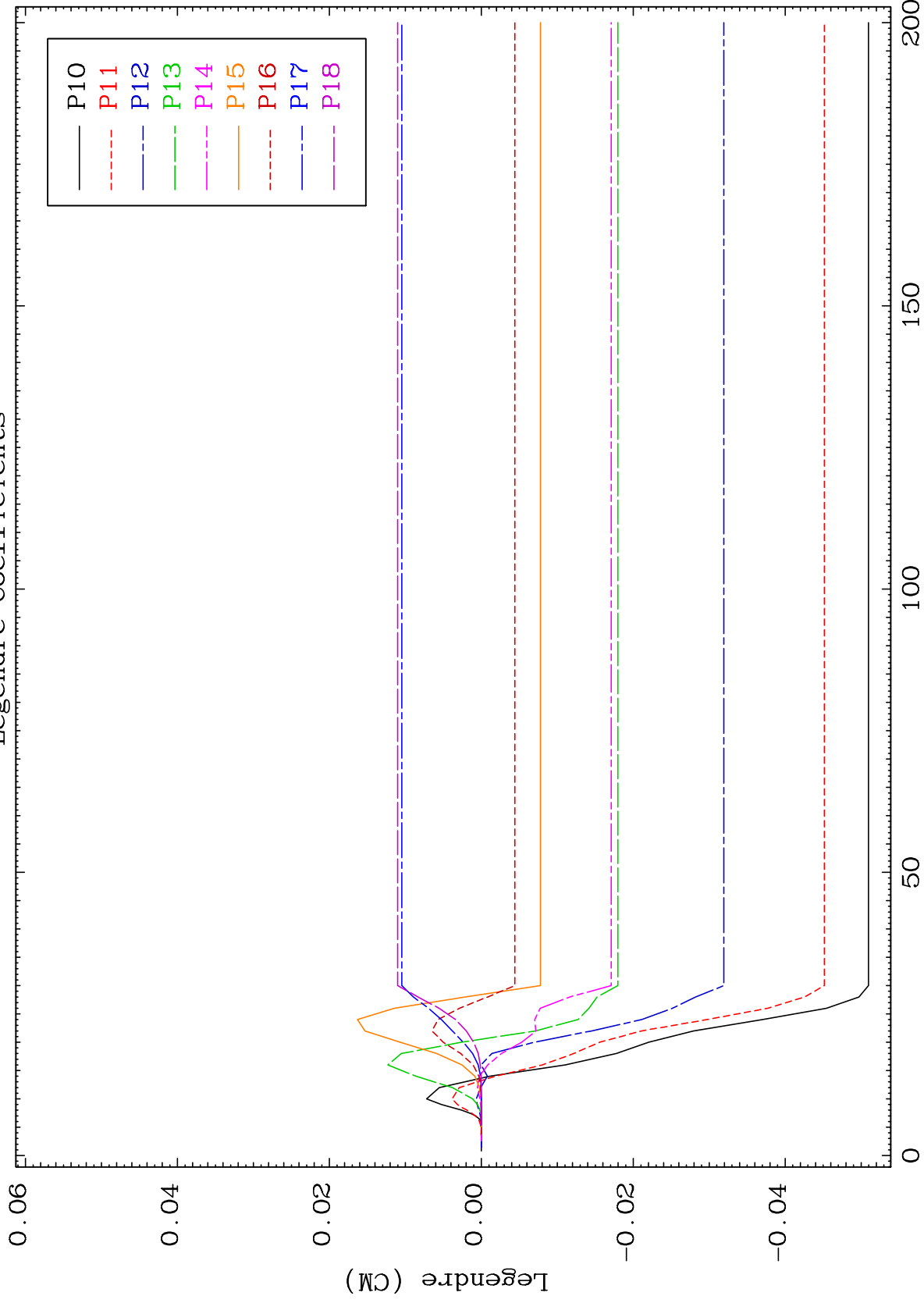
Incident Energy (MeV)

55

MAT 5404

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

54-Xe-117



56

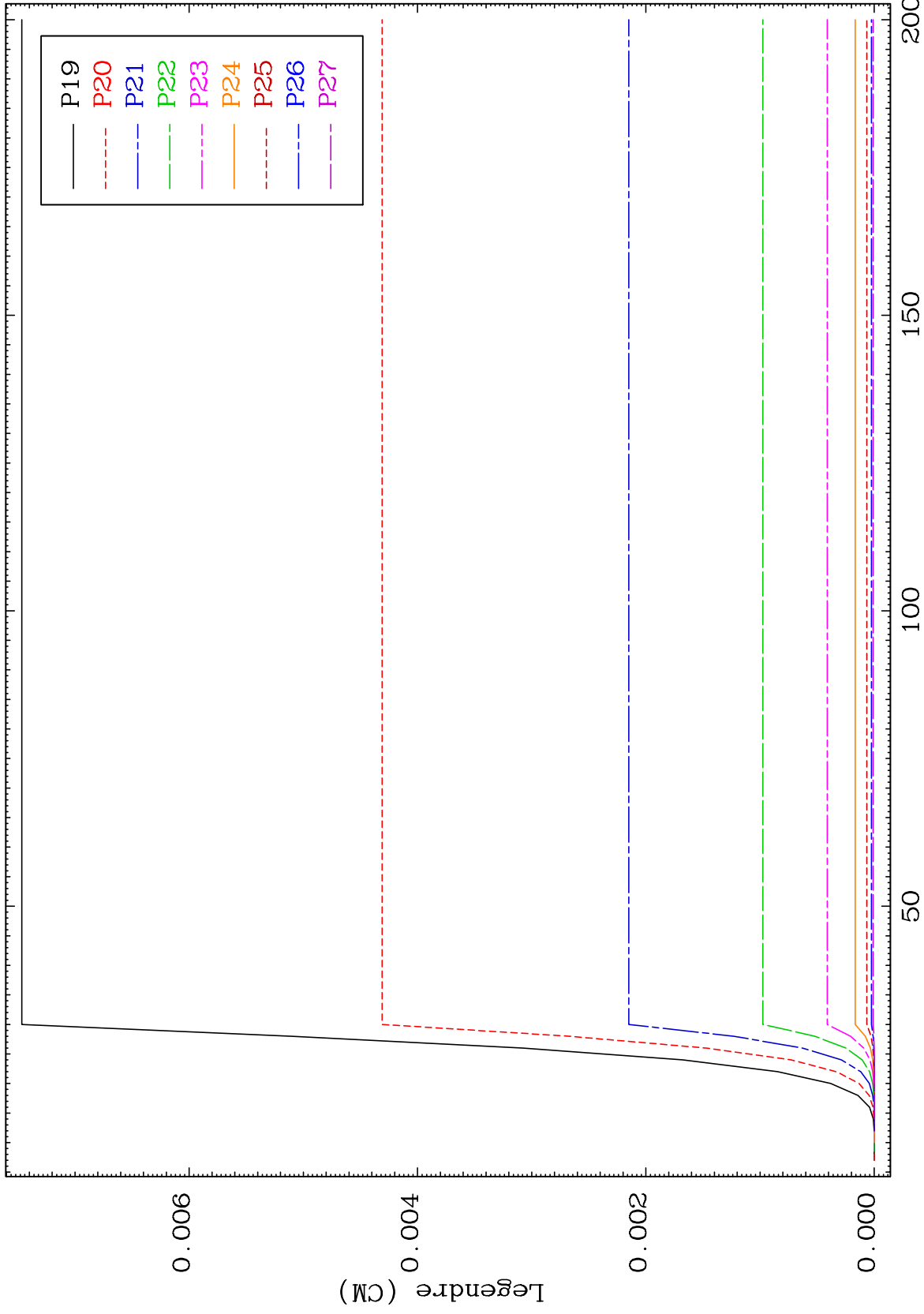
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



57

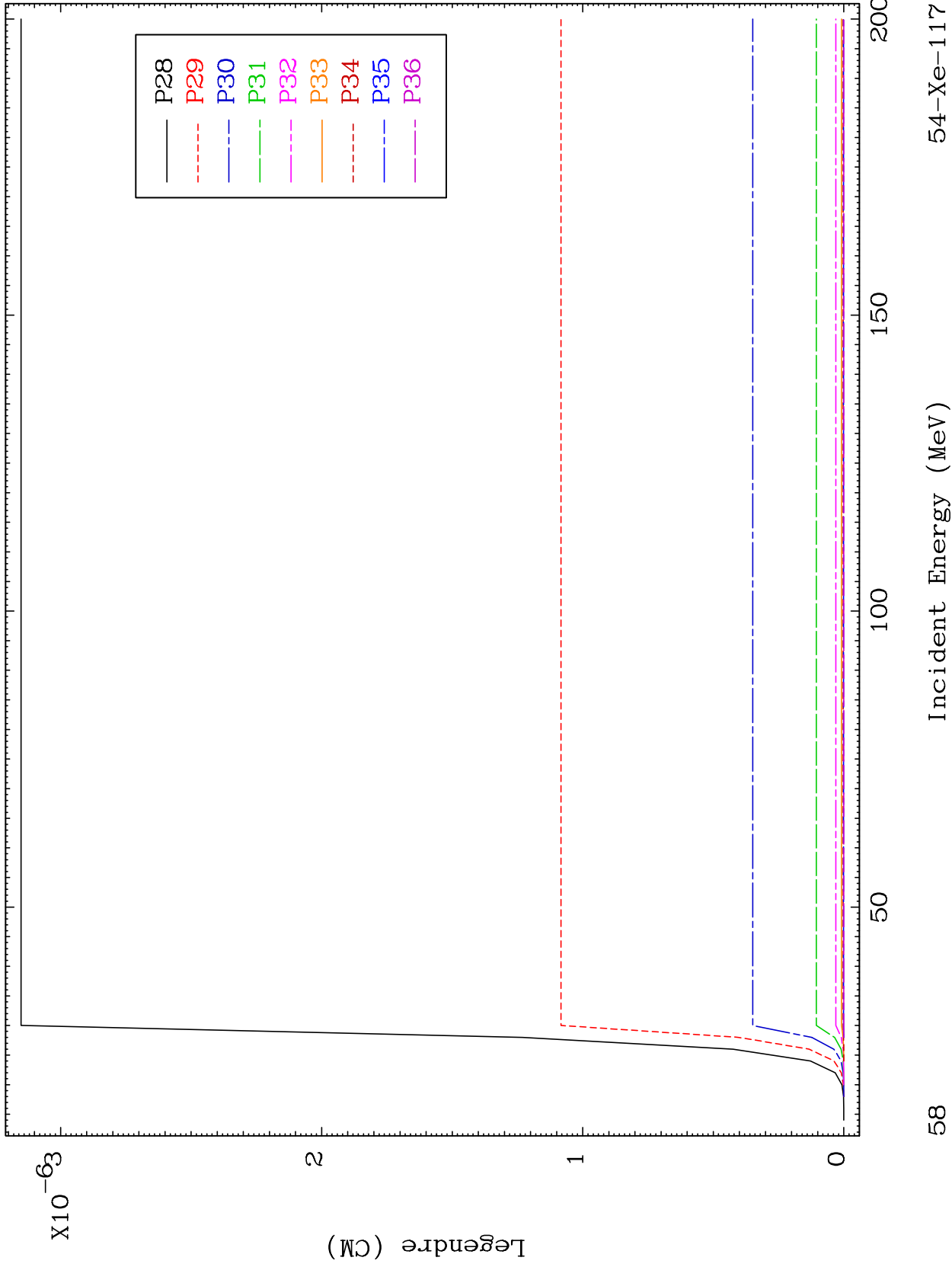
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

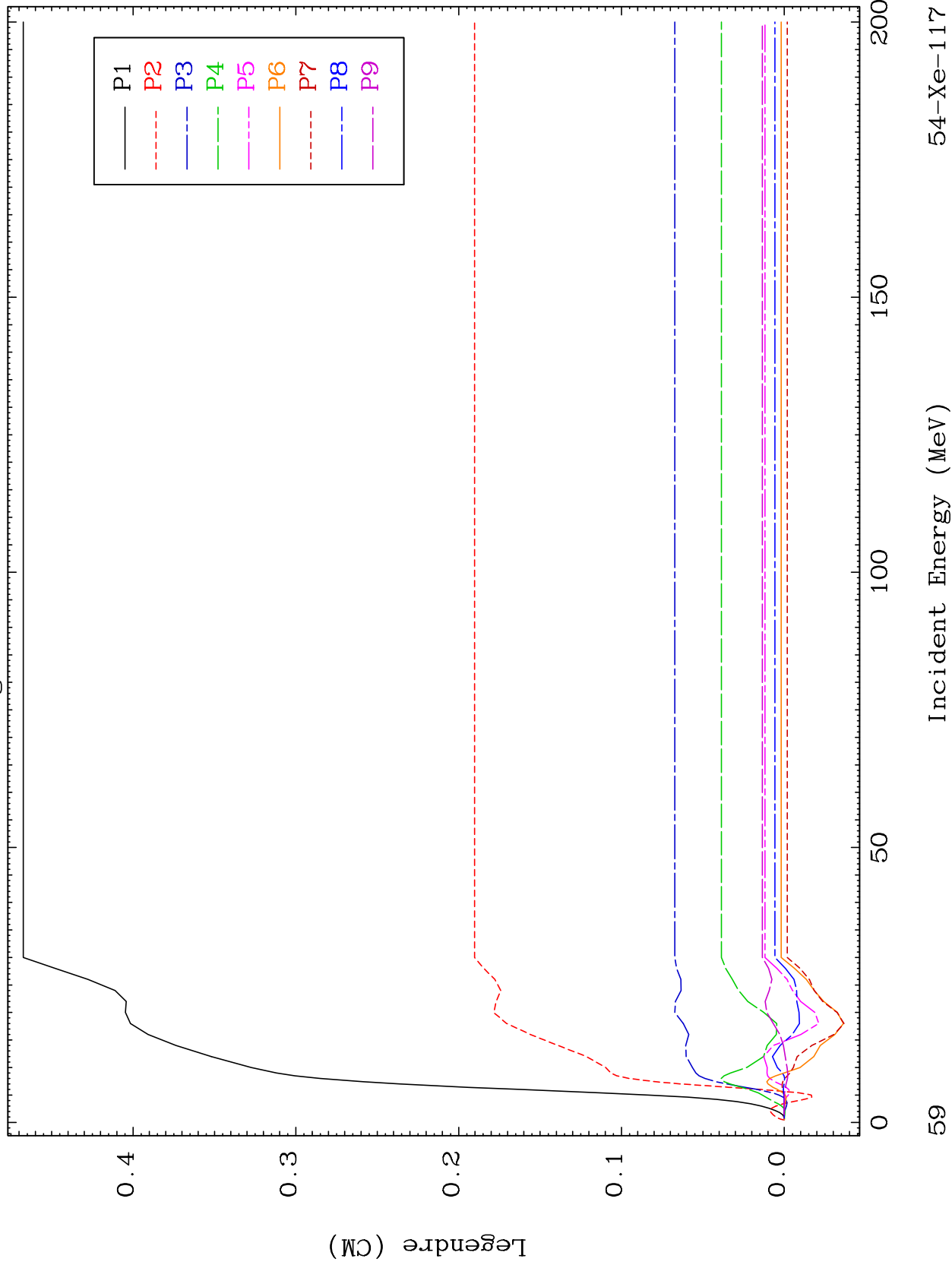
54-Xe-117



MAT 5404

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

54-Xe-117



54-Xe-117

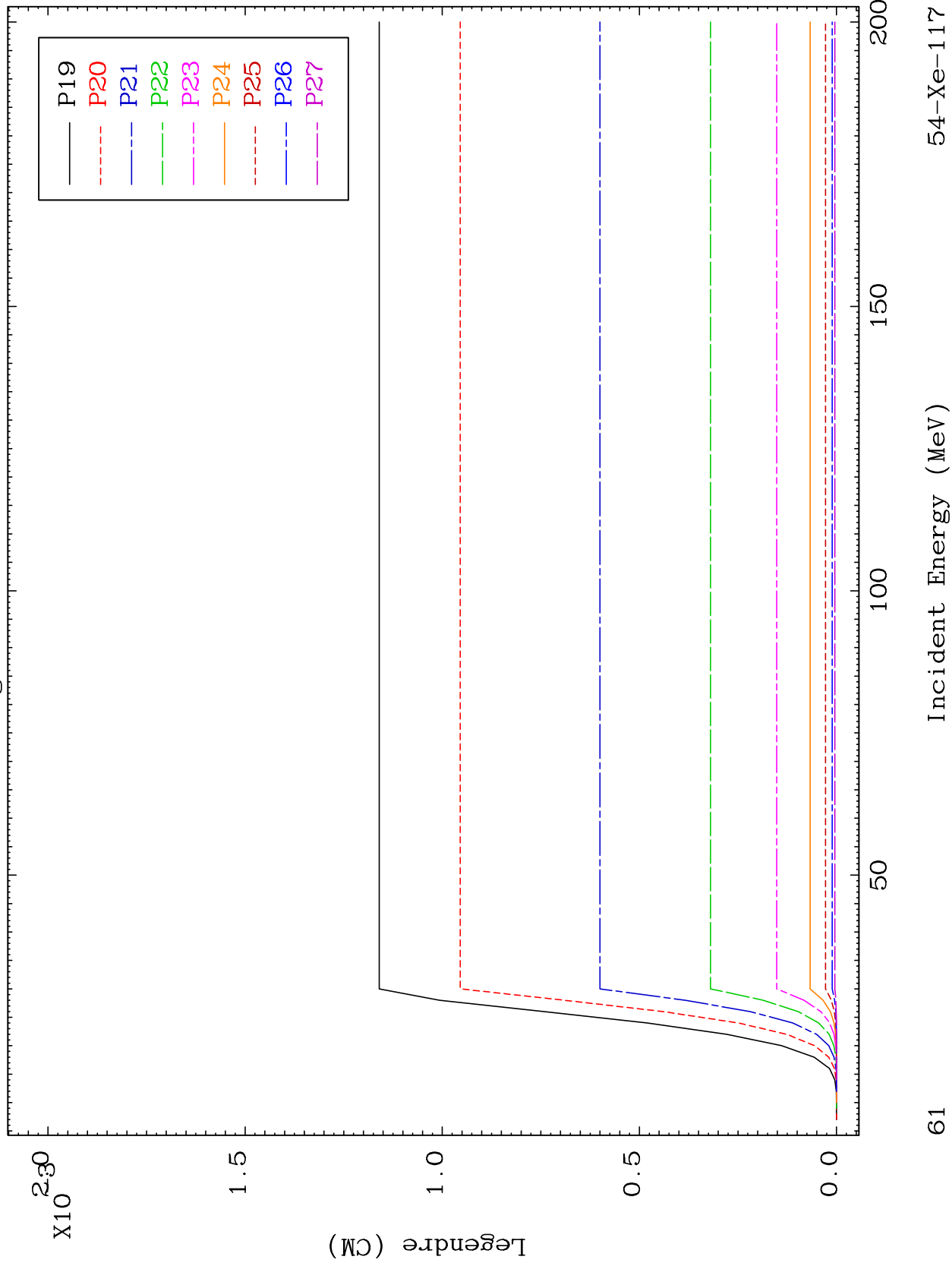
Incident Energy (MeV)

59

MAT 5404

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

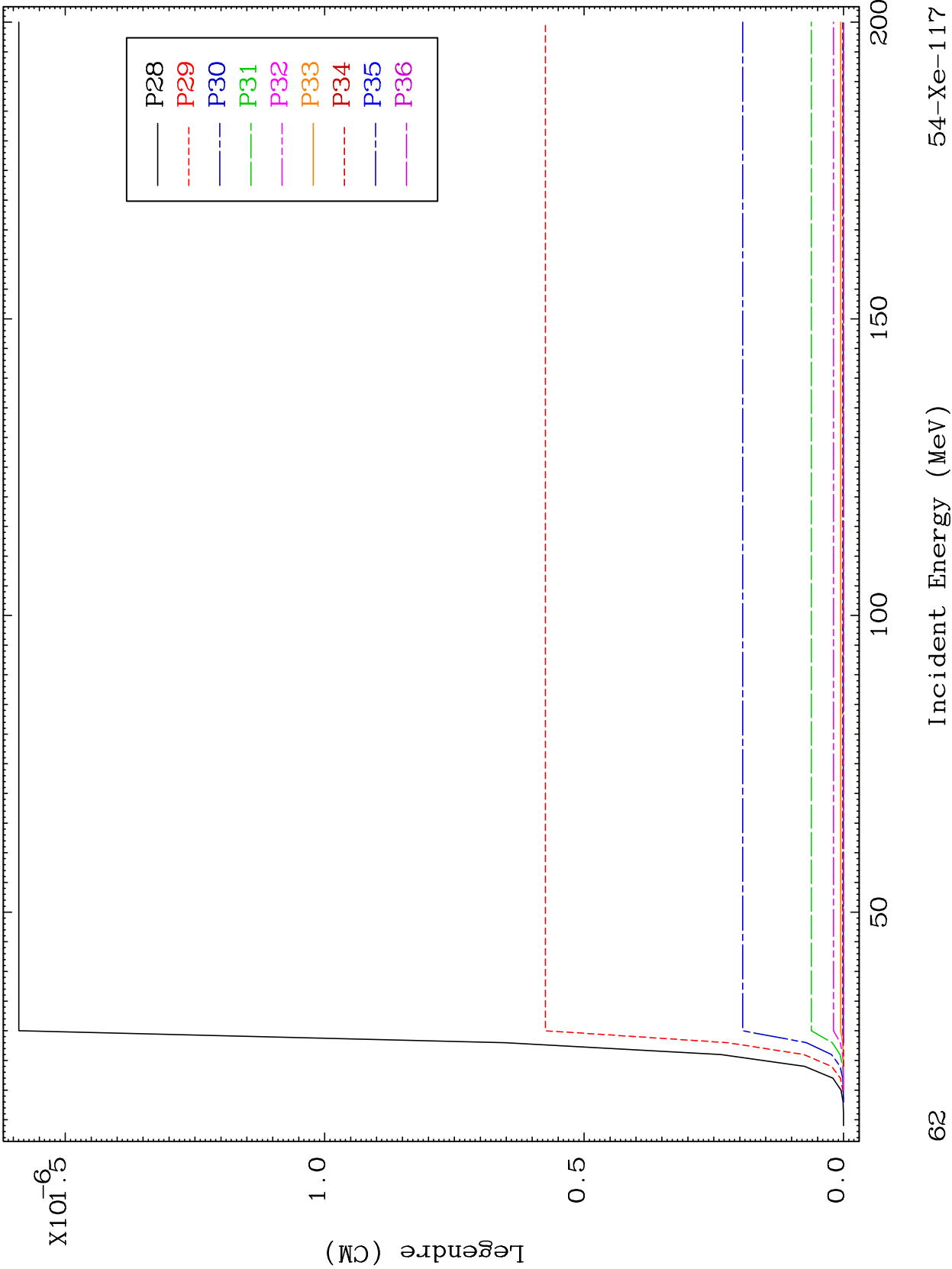
54-Xe-117



MAT 5404

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

54-Xe-117

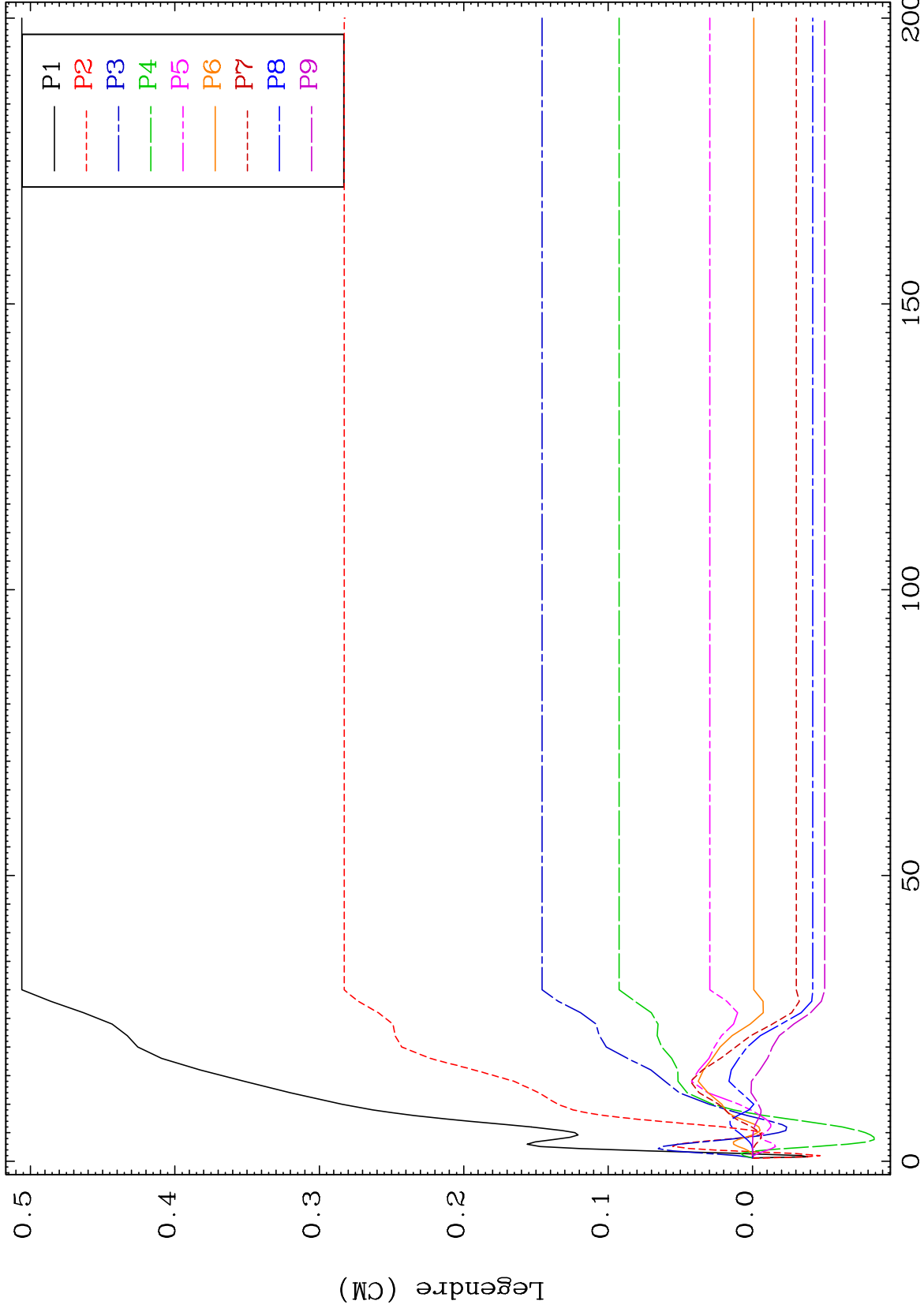


62

MAT 5404

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

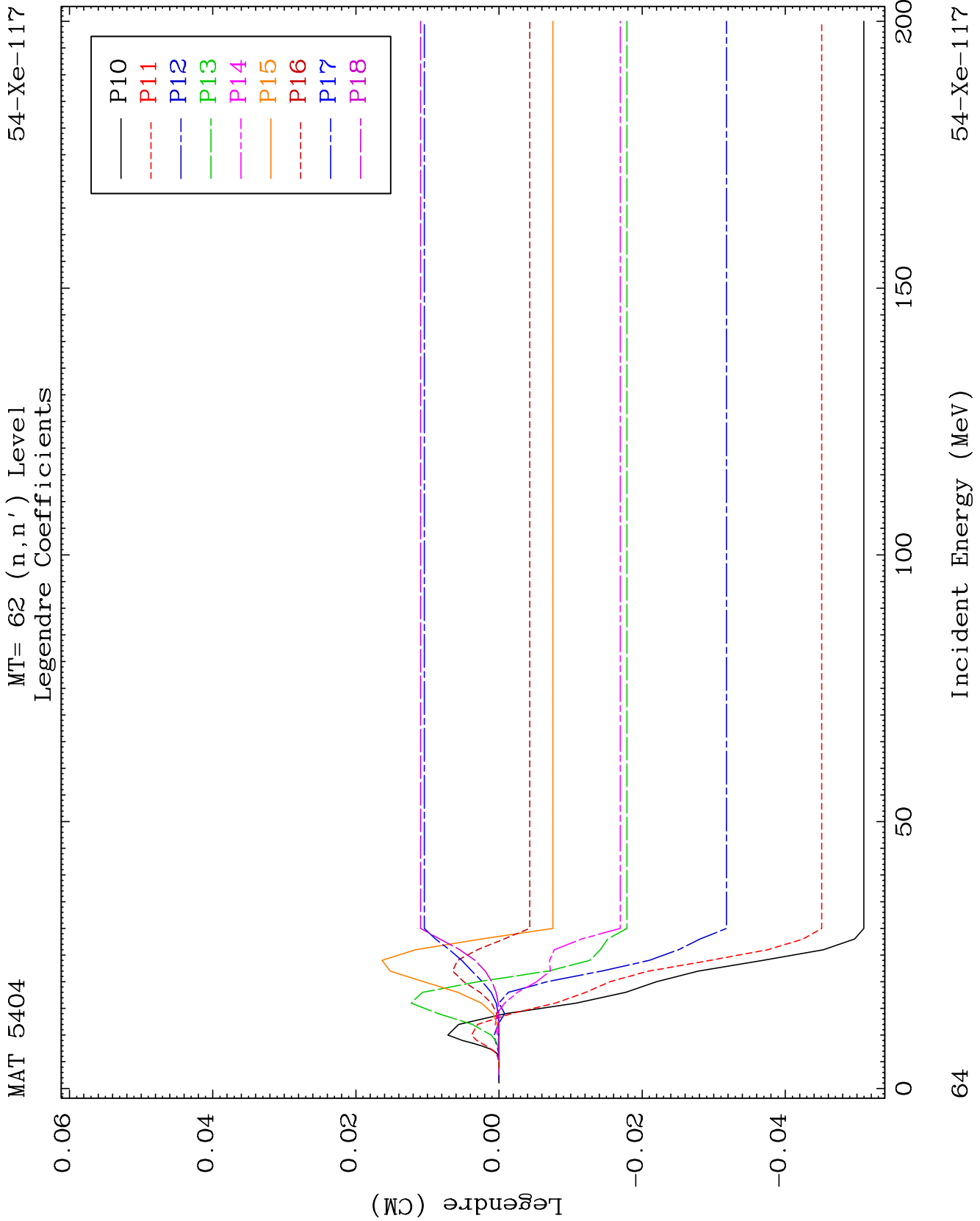
54-Xe-117



54-Xe-117

Incident Energy (MeV)

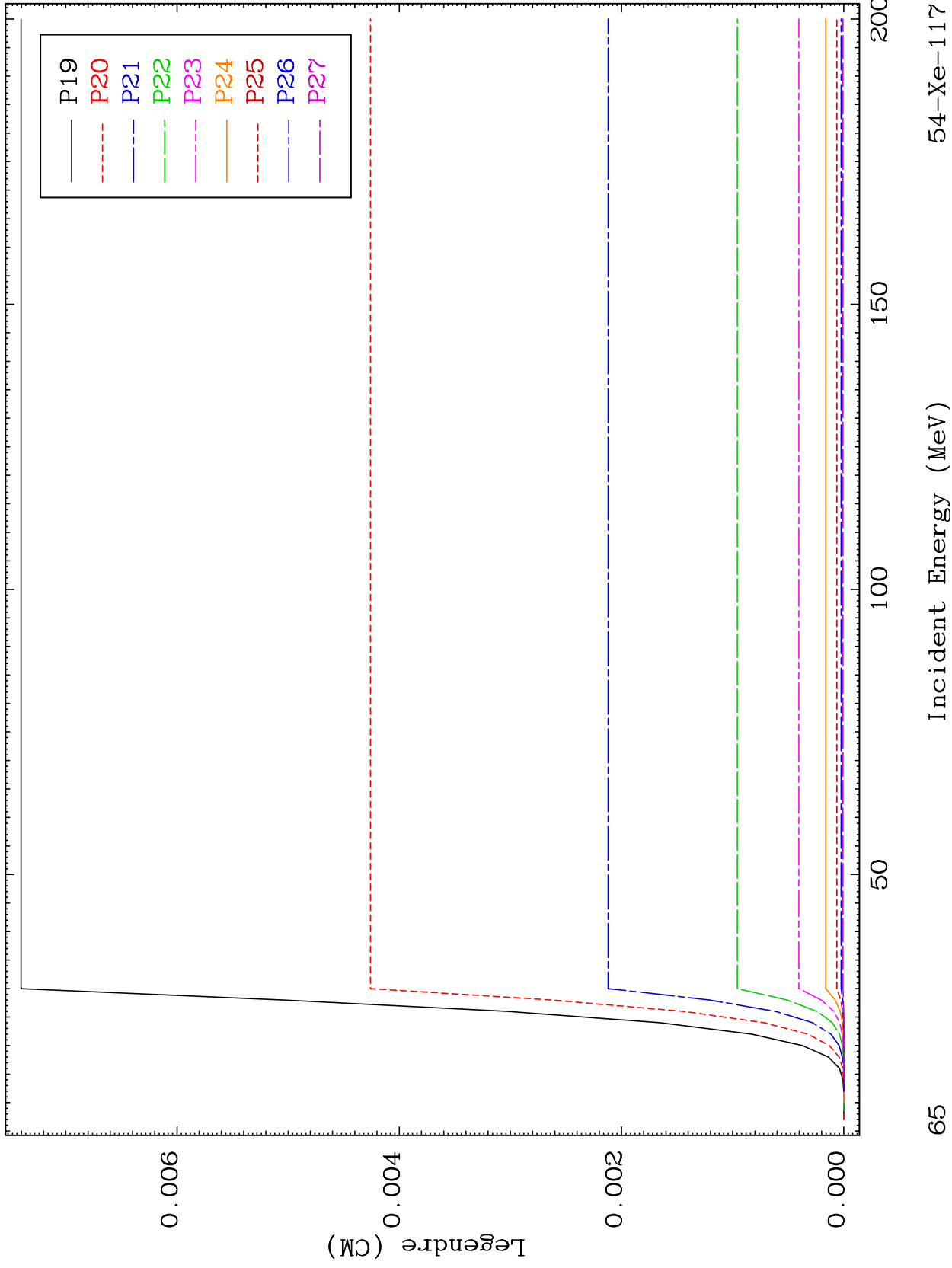
63



MAT 5404

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

54-Xe-117



65

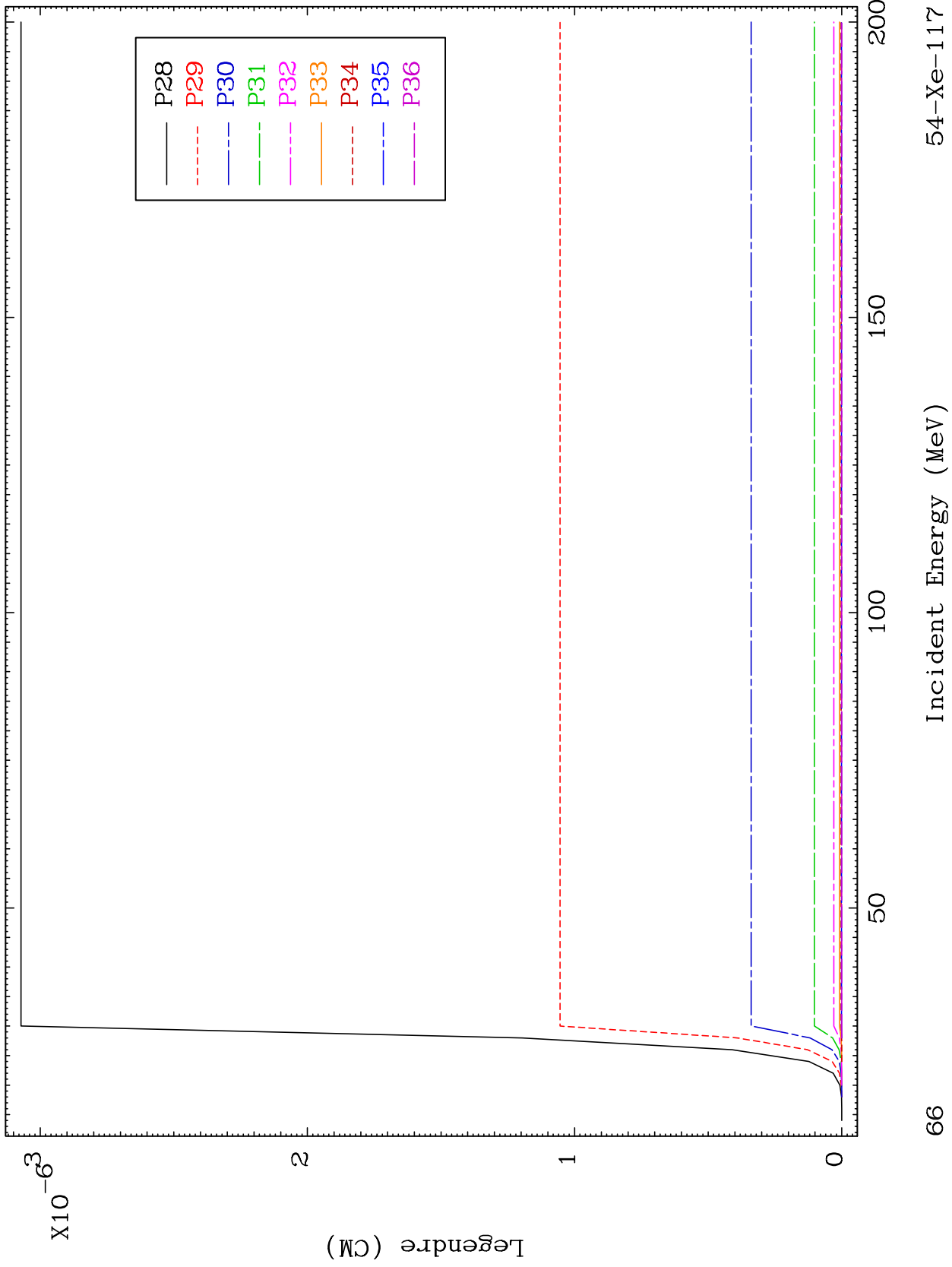
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

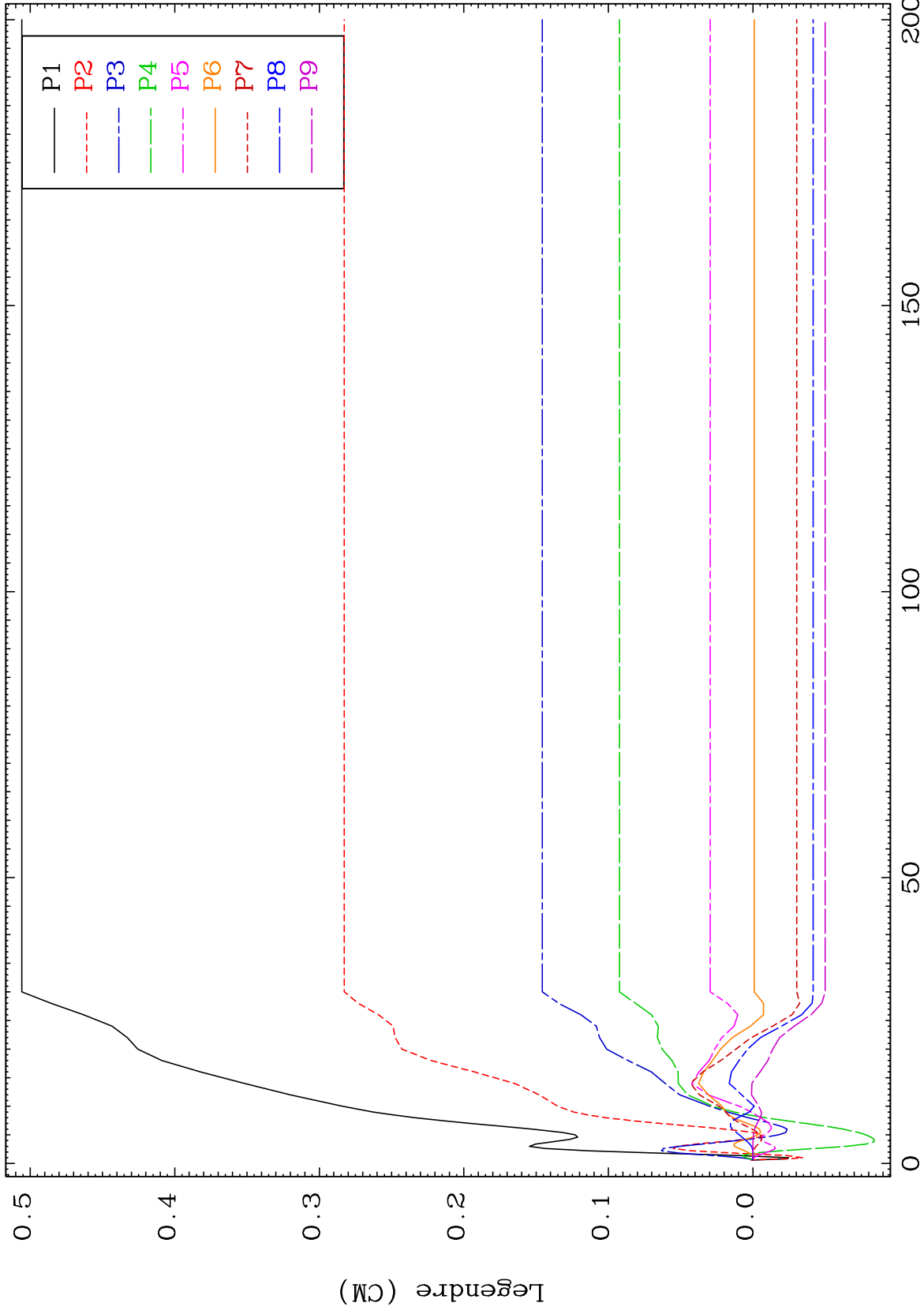
54-Xe-117



MAT 5404

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

54-Xe-117



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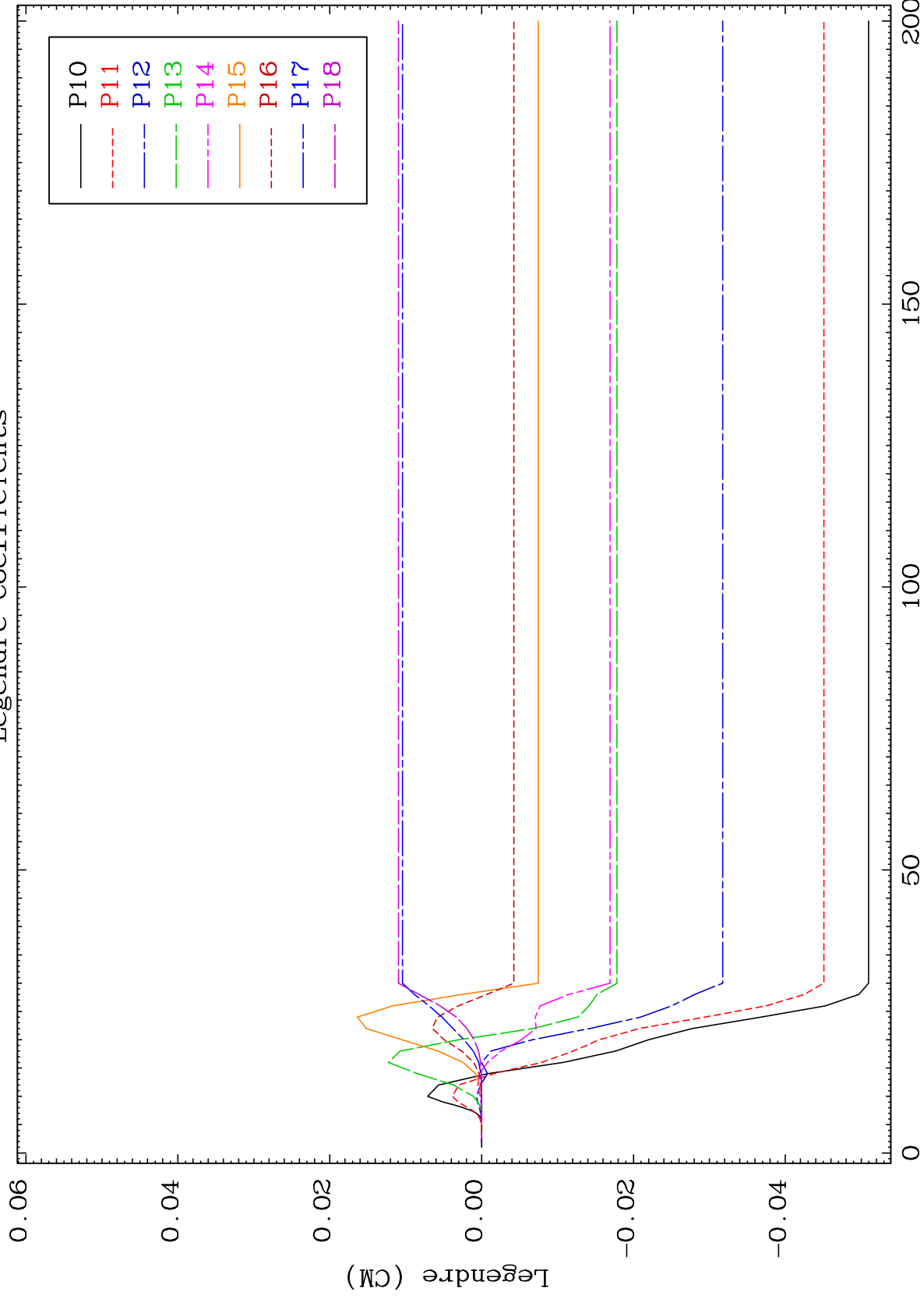
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



68

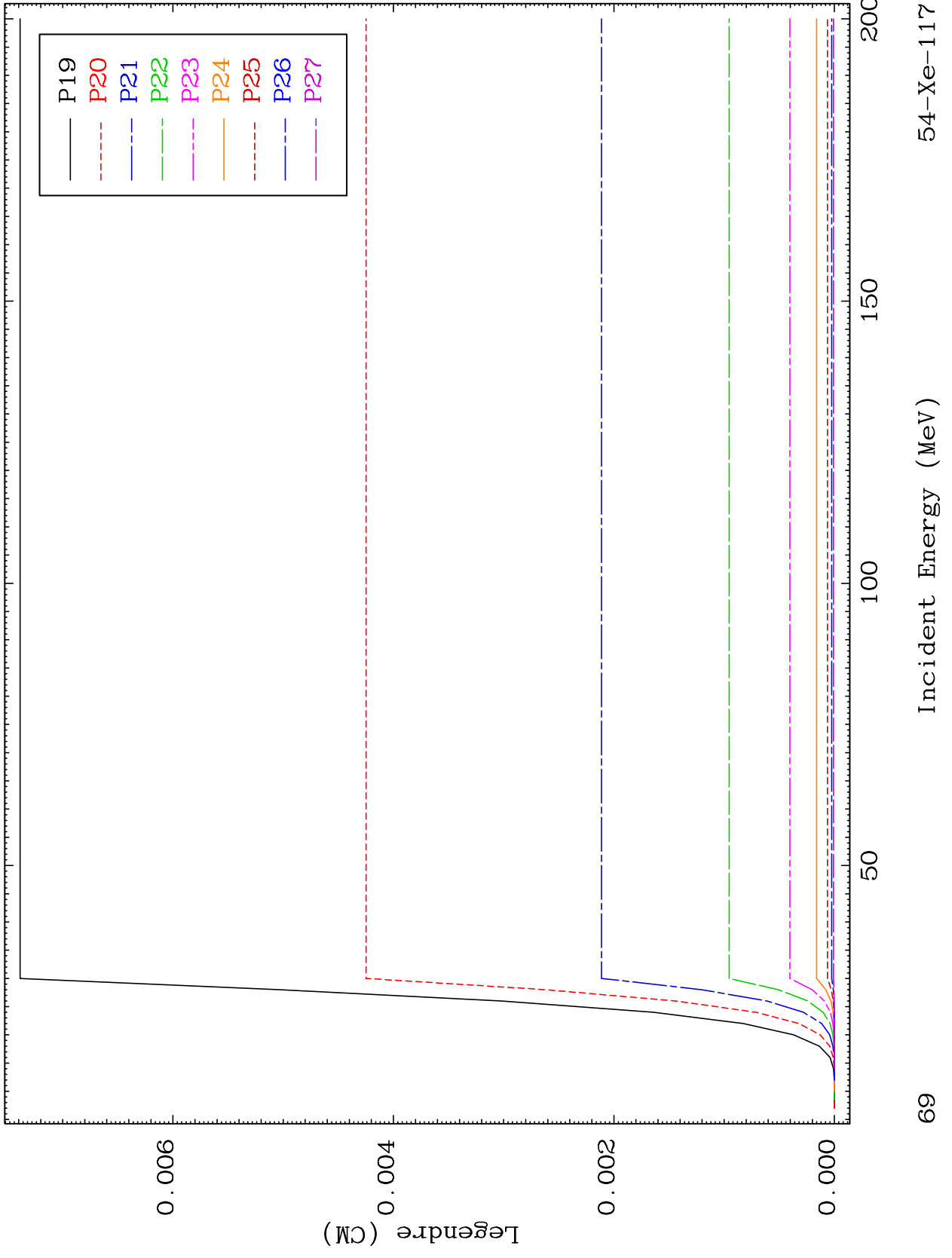
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



69

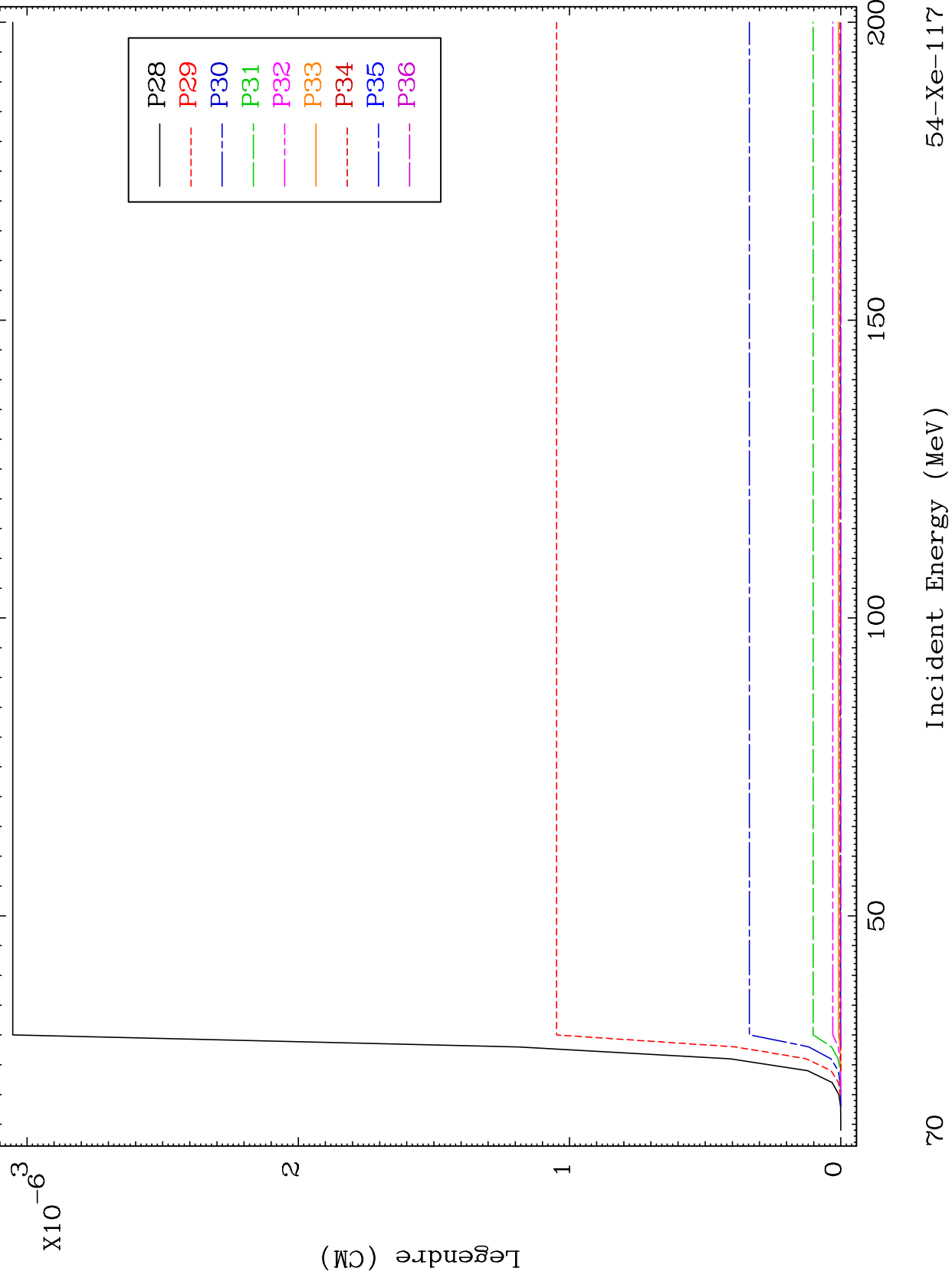
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

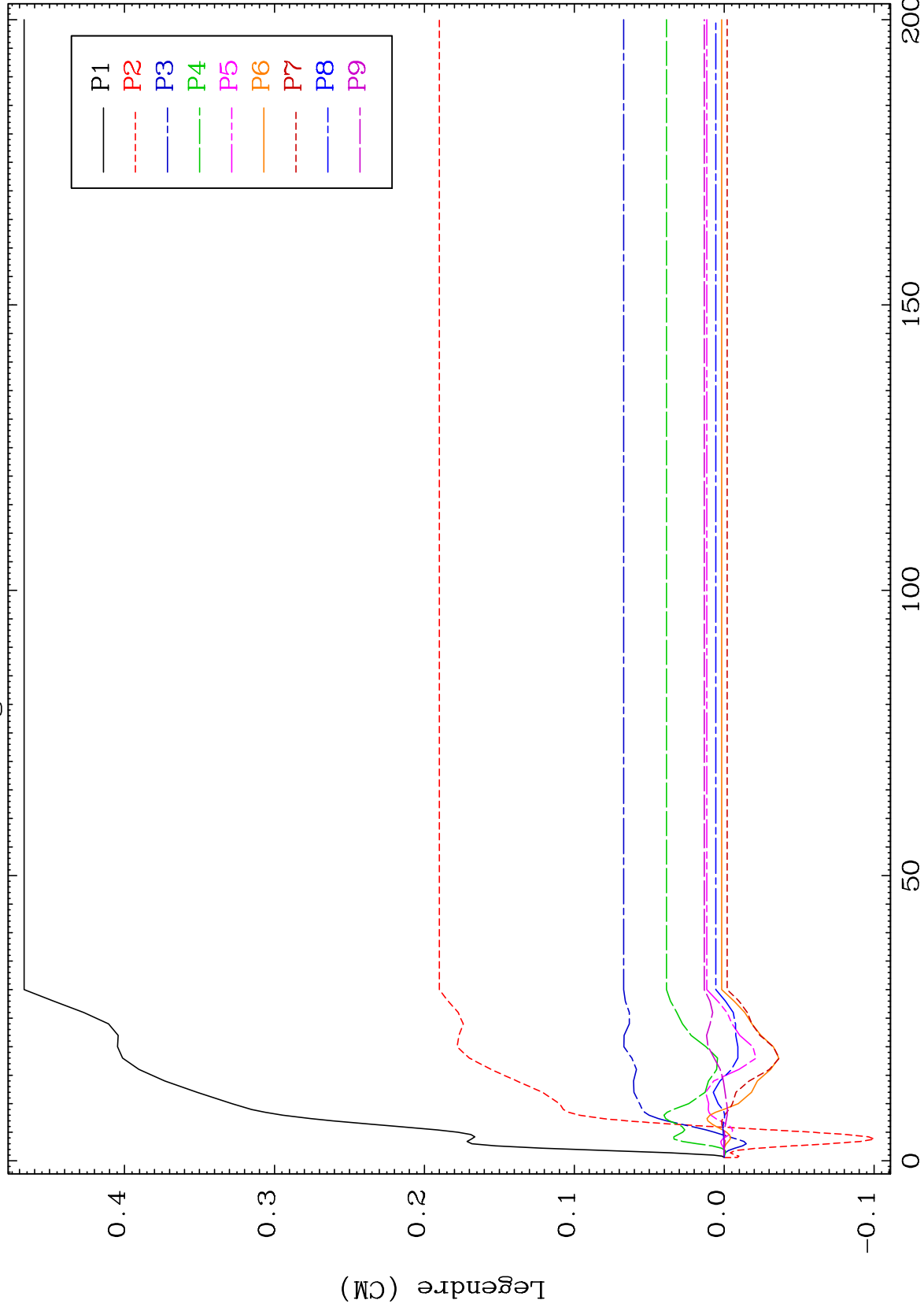
54-Xe-117



MAT 5404

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

54-Xe-117



54-Xe-117

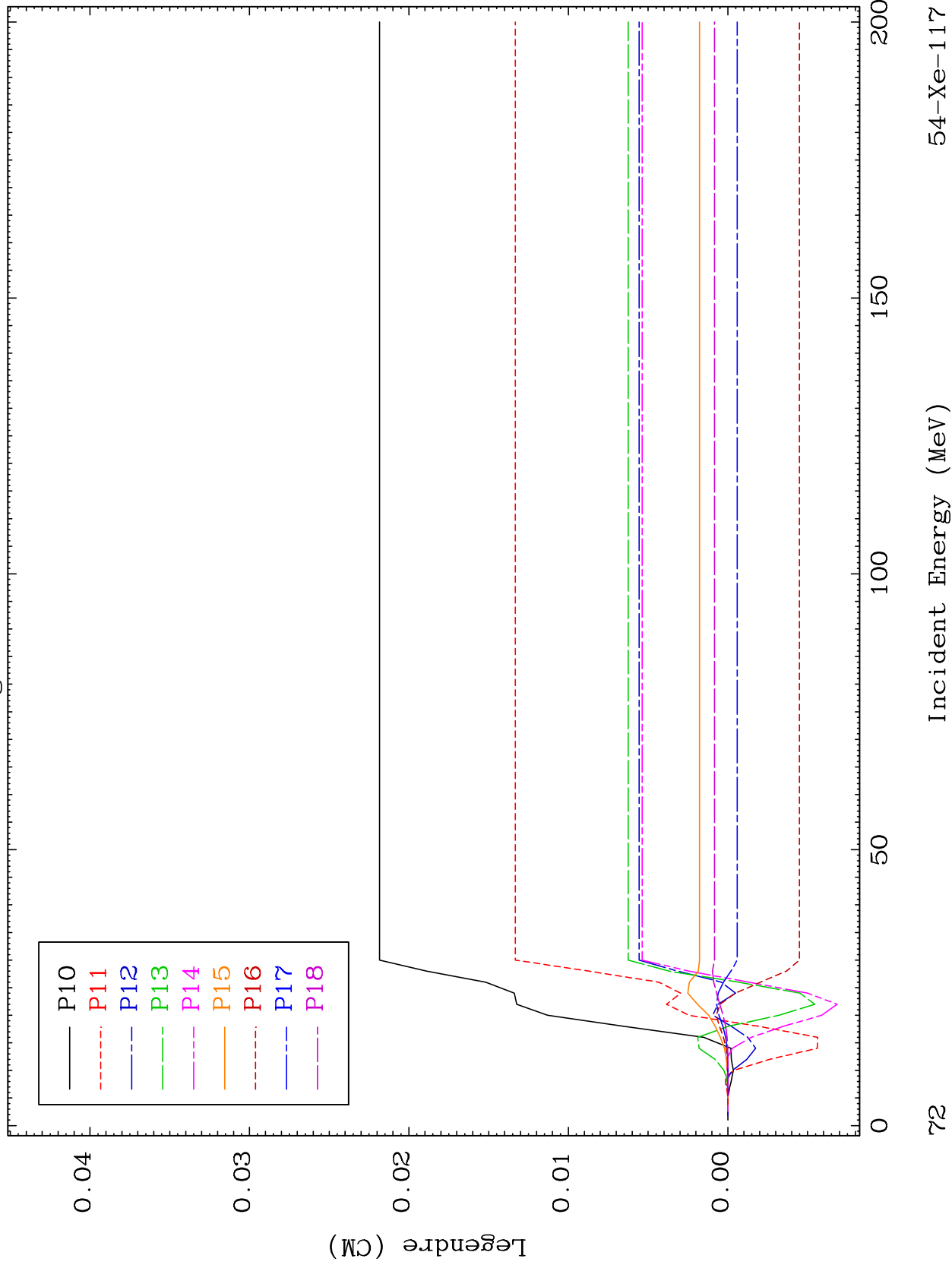
Incident Energy (MeV)

71

MAT 5404

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

54-Xe-117



72

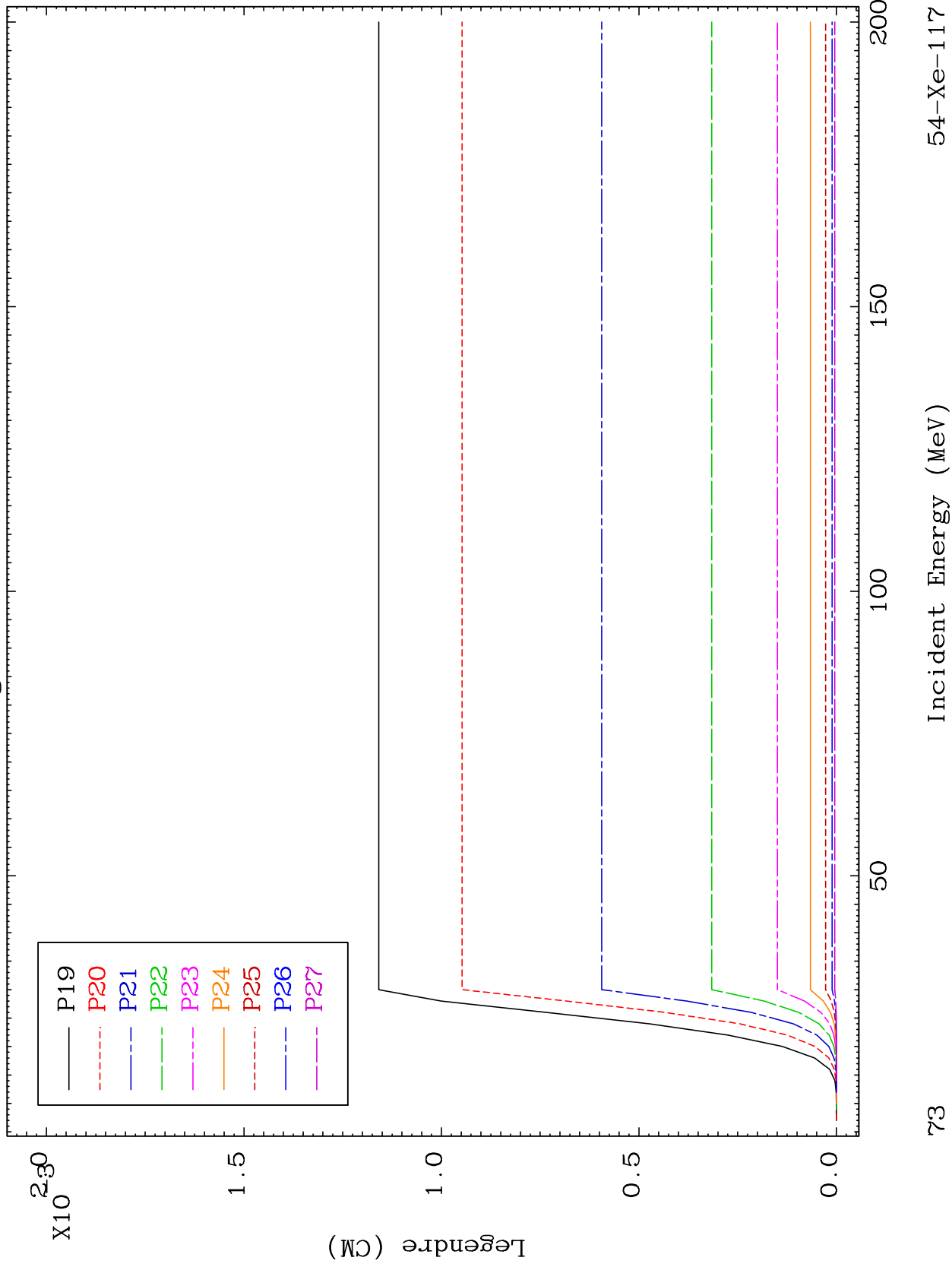
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



73

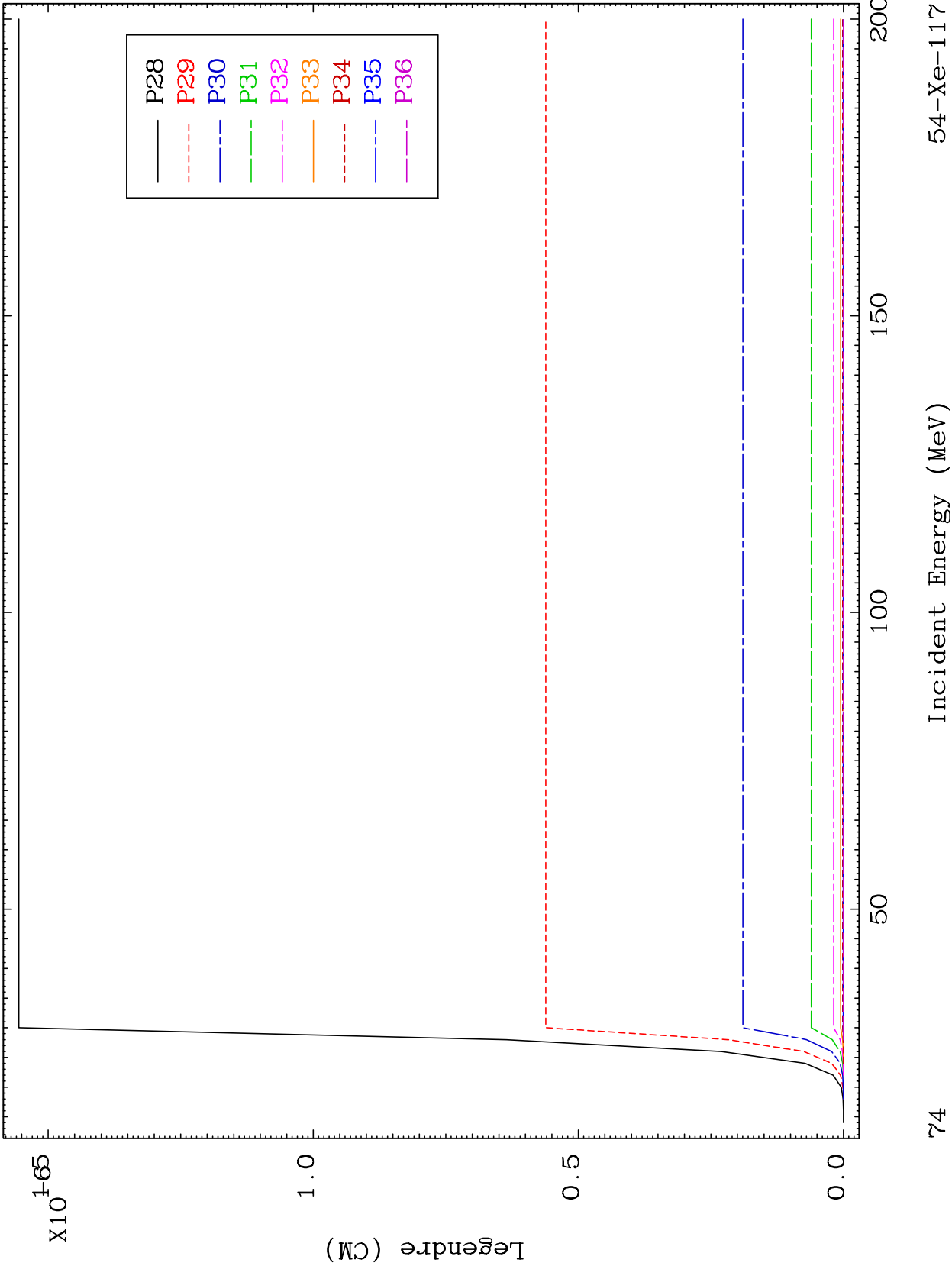
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

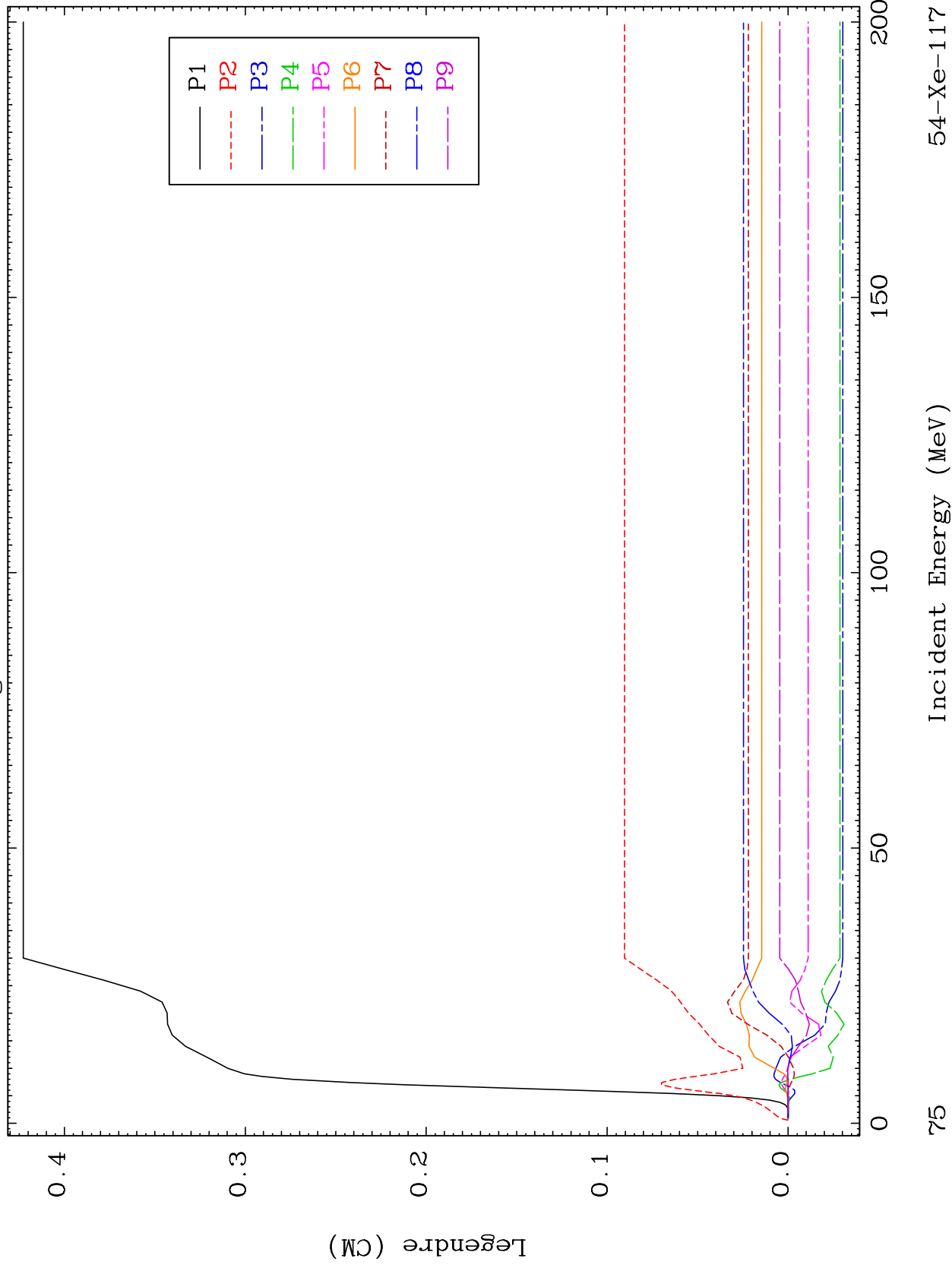
54-Xe-117



MAT 5404

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

54-Xe-117



54-Xe-117

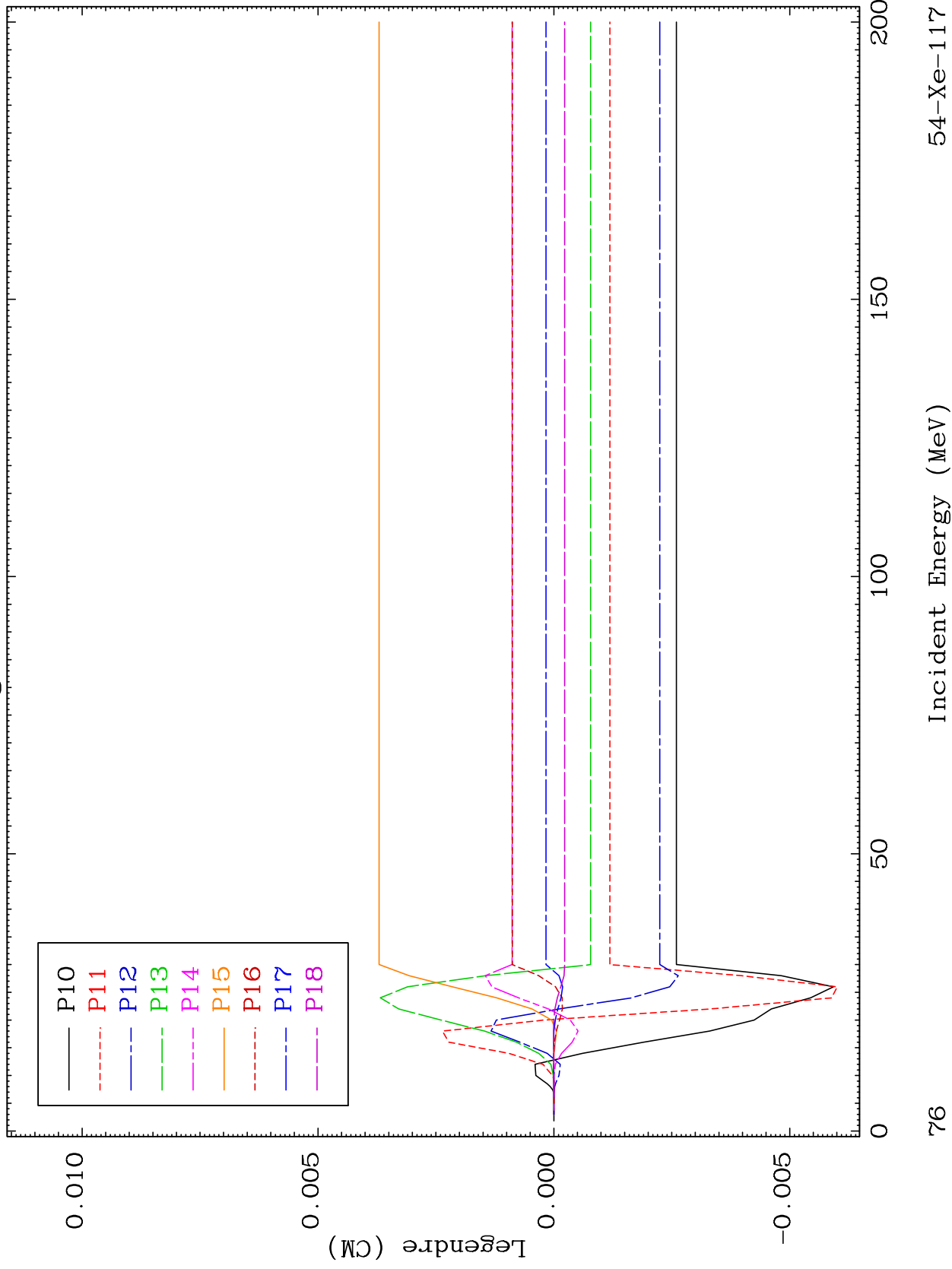
Incident Energy (MeV)

75

MAT 5404

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

54-Xe-117



76

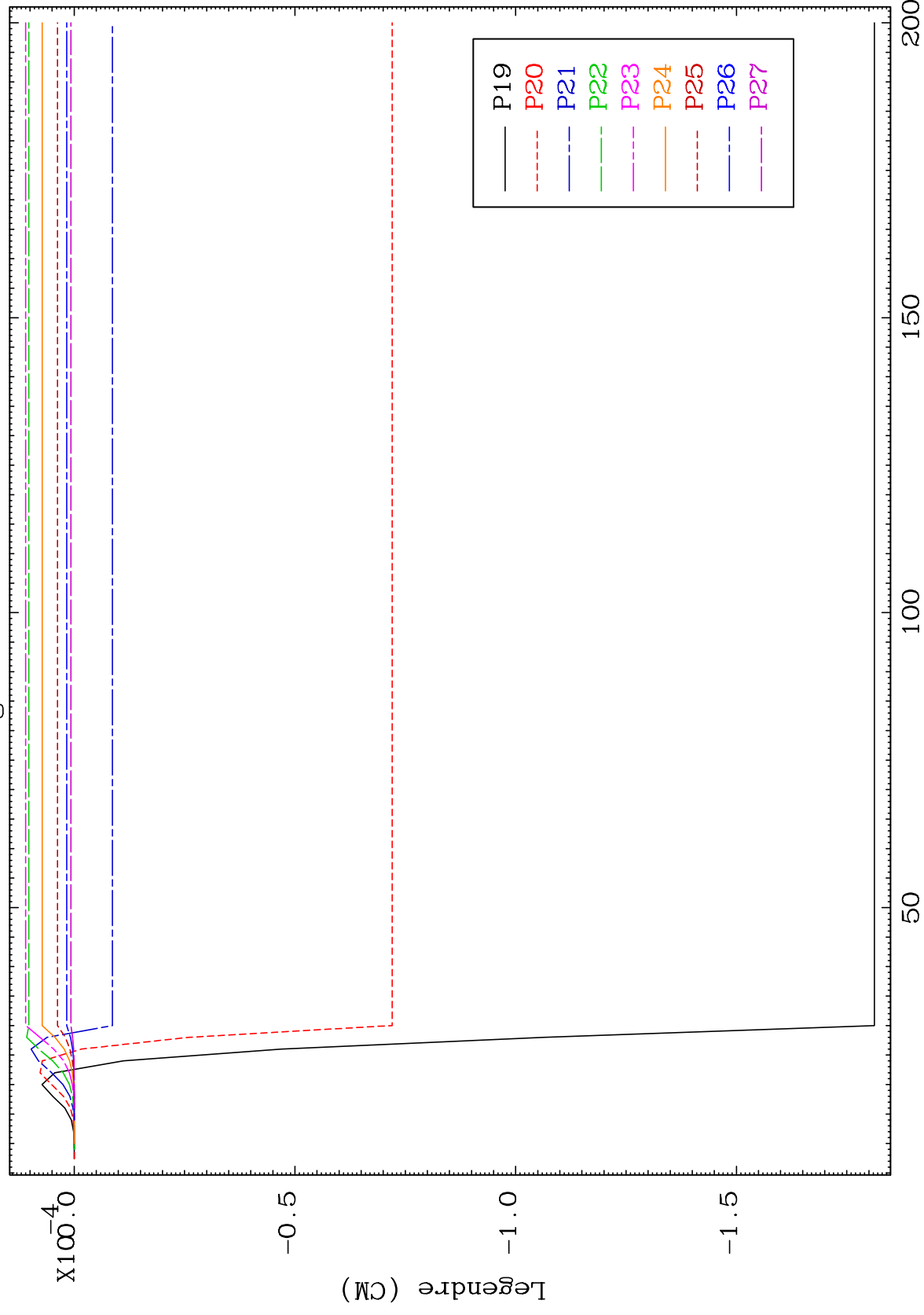
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



77

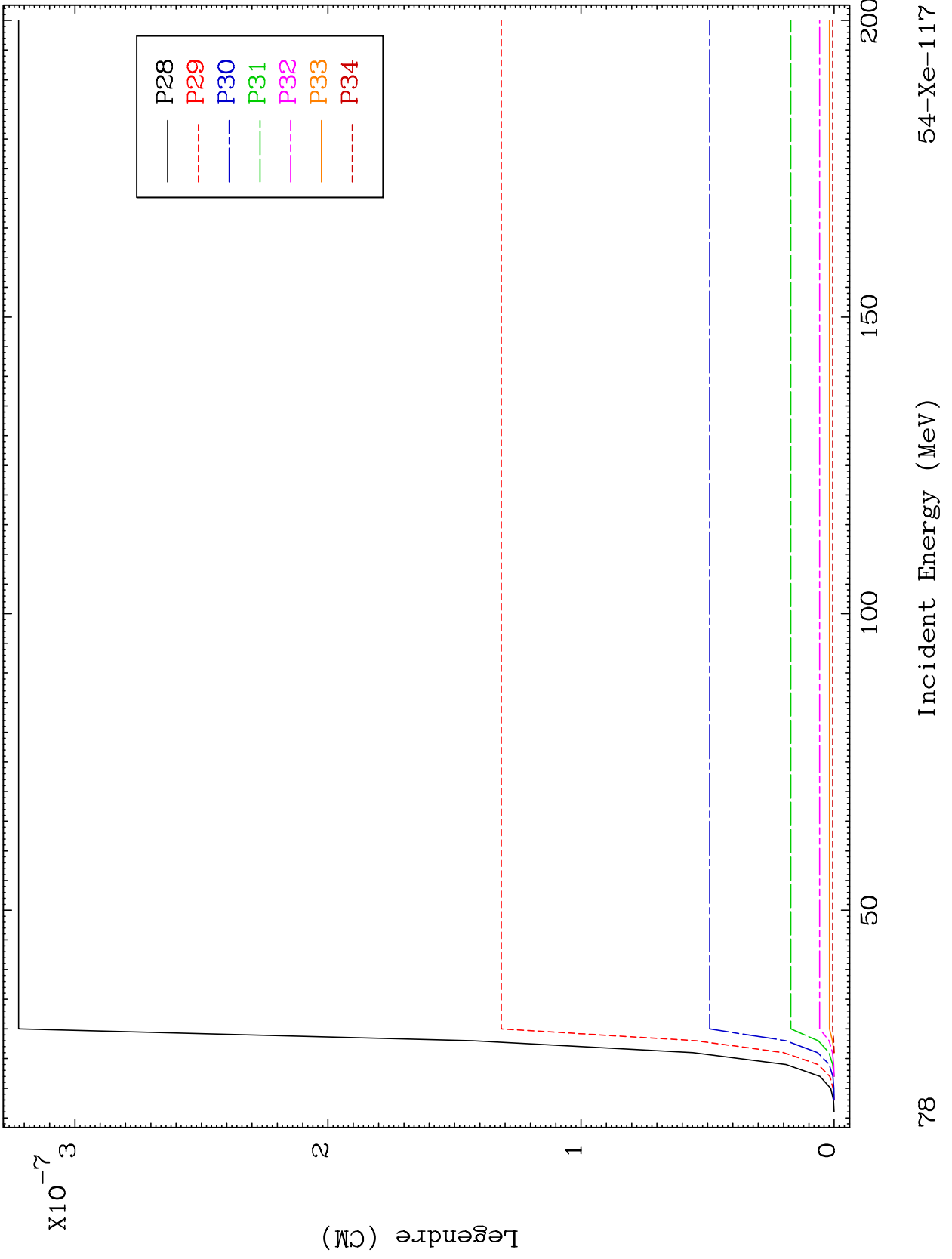
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

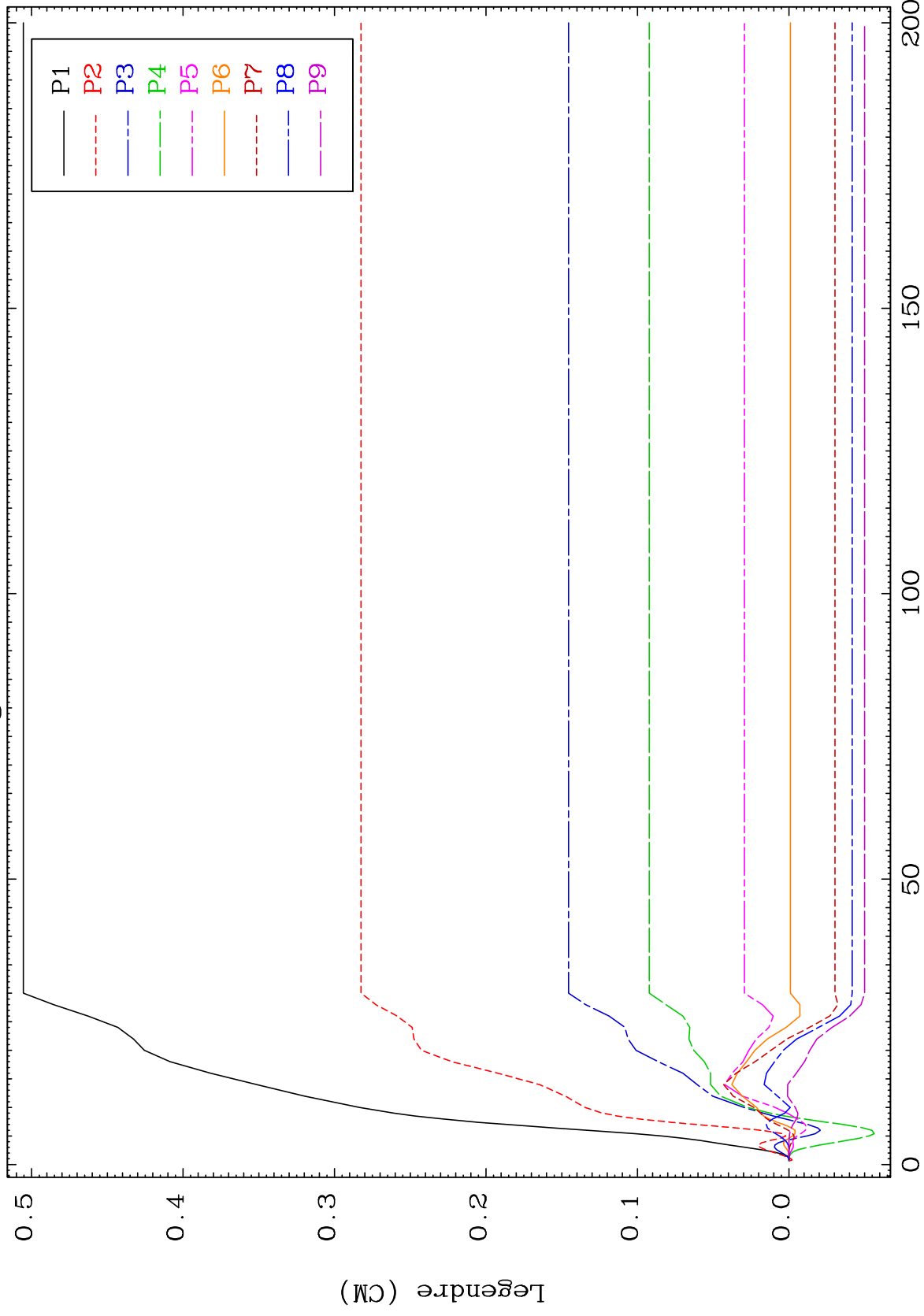
54-Xe-117



MAT 5404

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

54-Xe-117



79

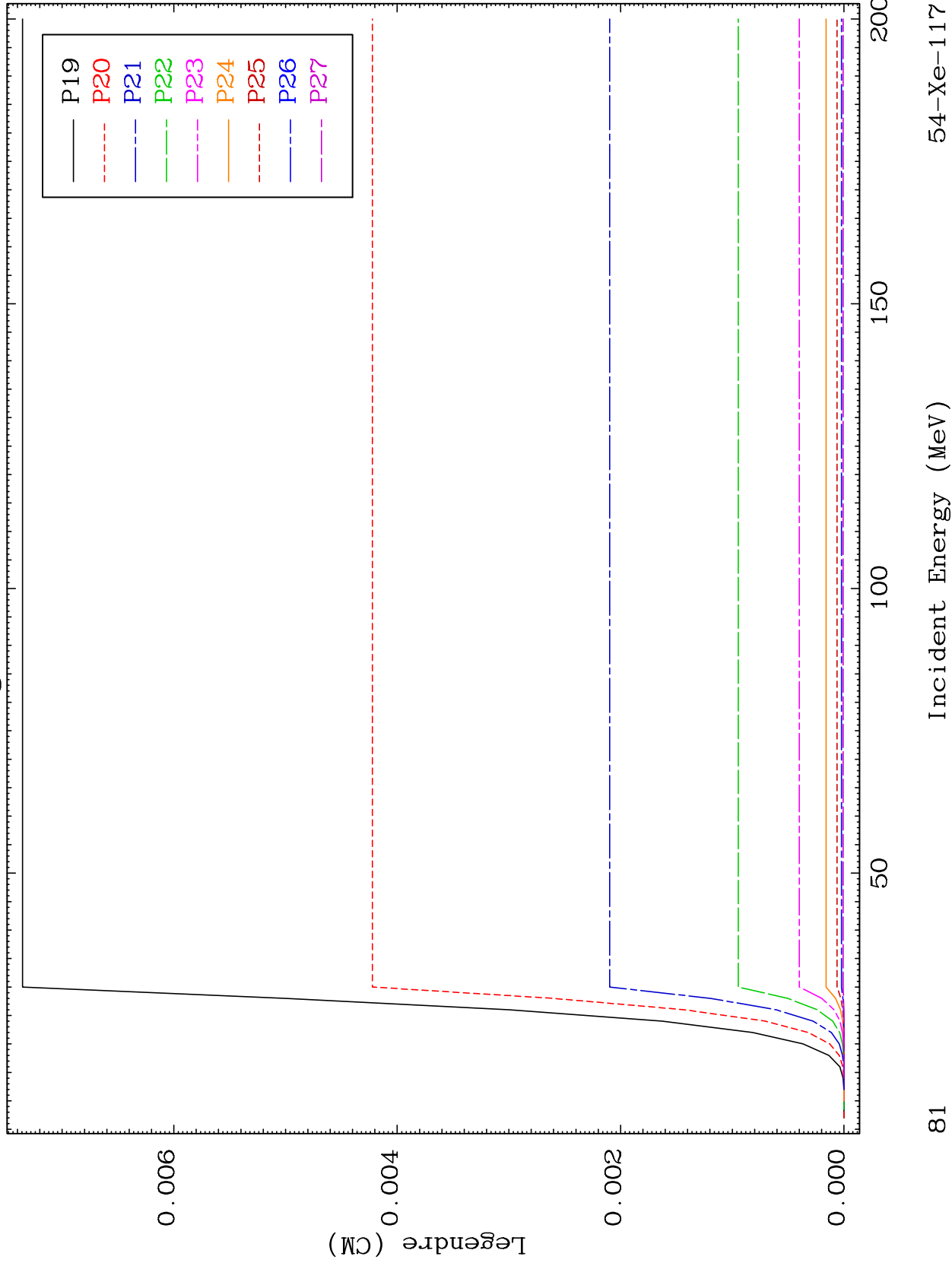
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



81

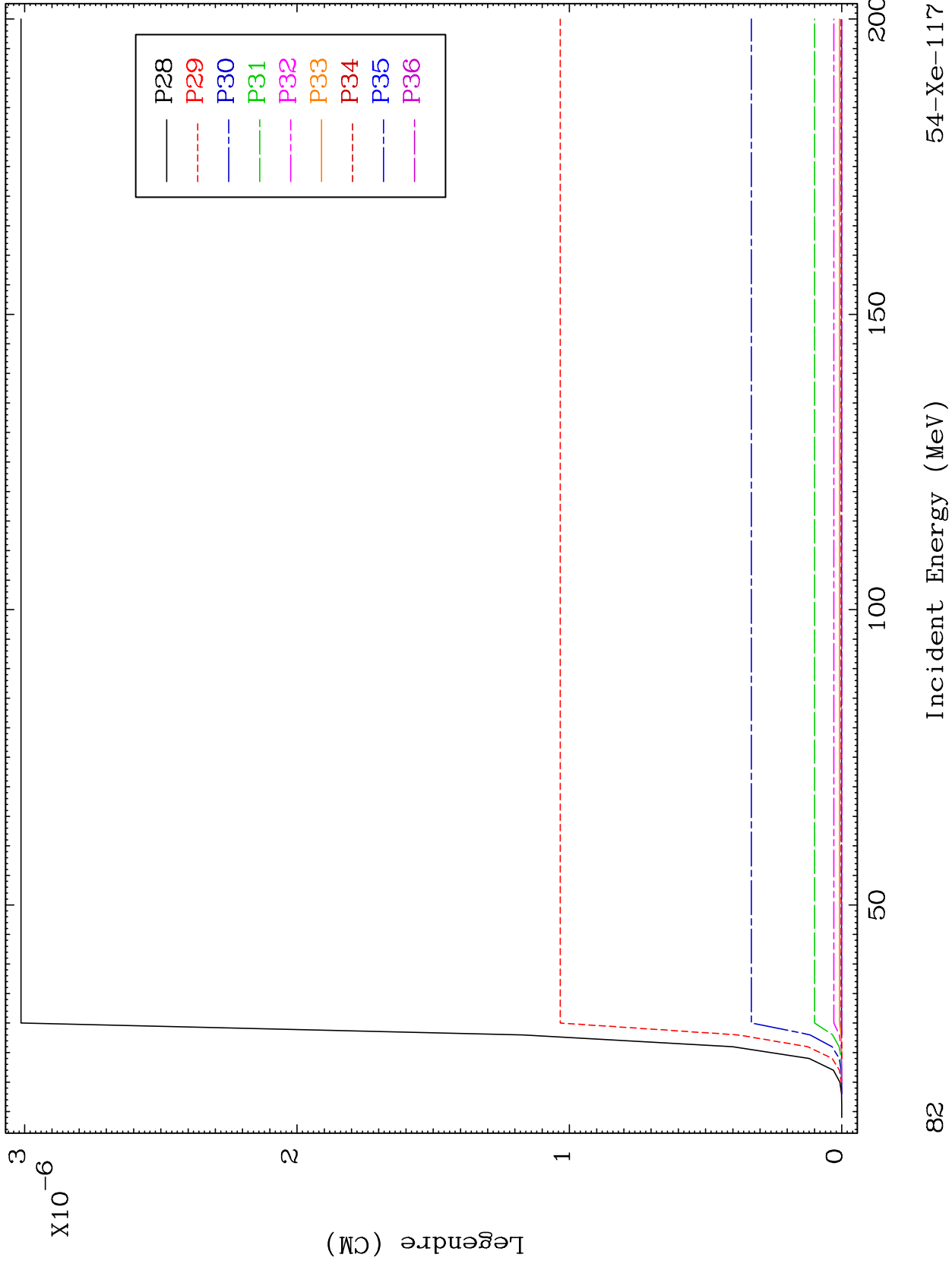
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



82

Incident Energy (MeV)

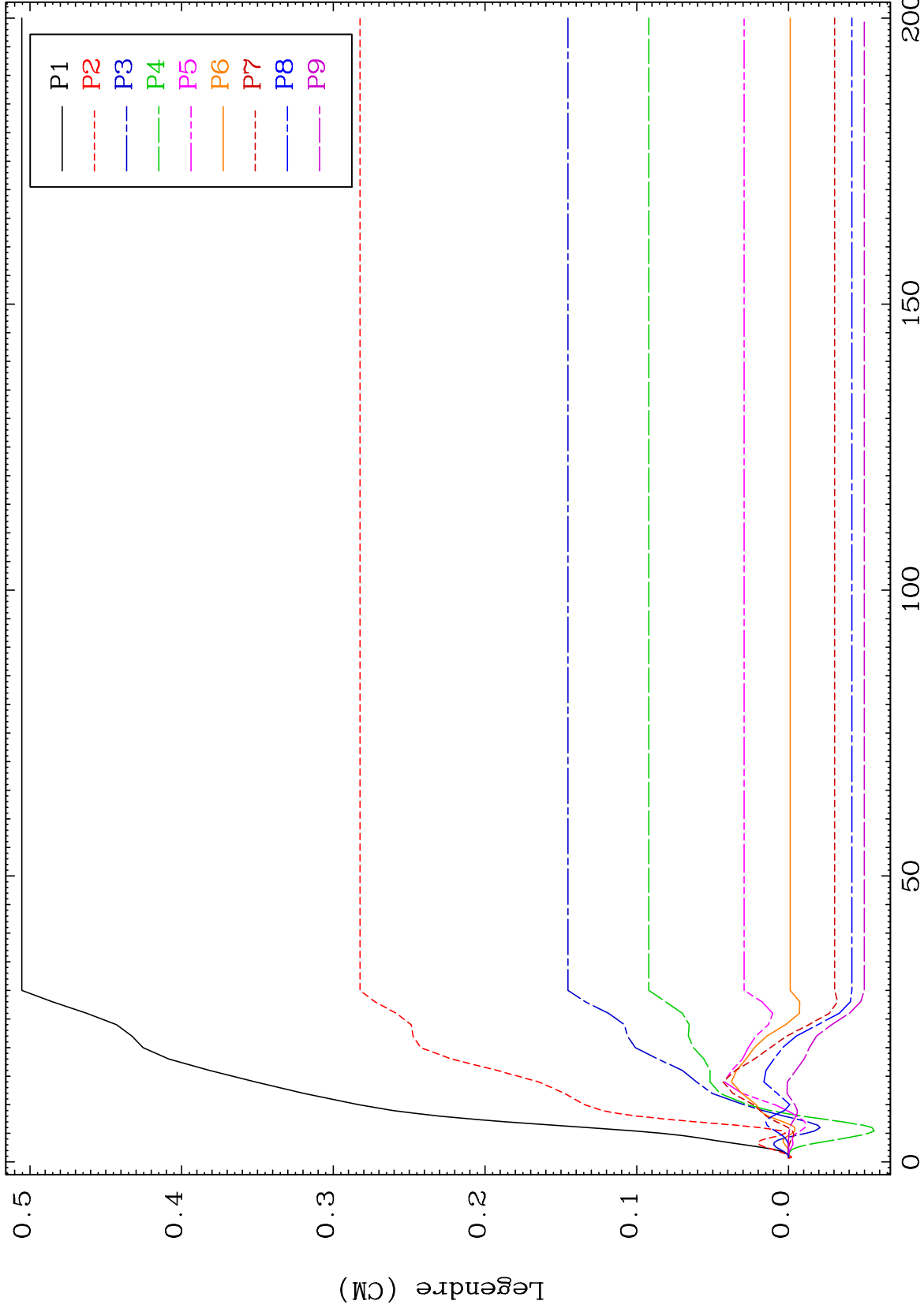
54-Xe-117

MAT 5404

MT= 67 (n,n') Level

54-Xe-117

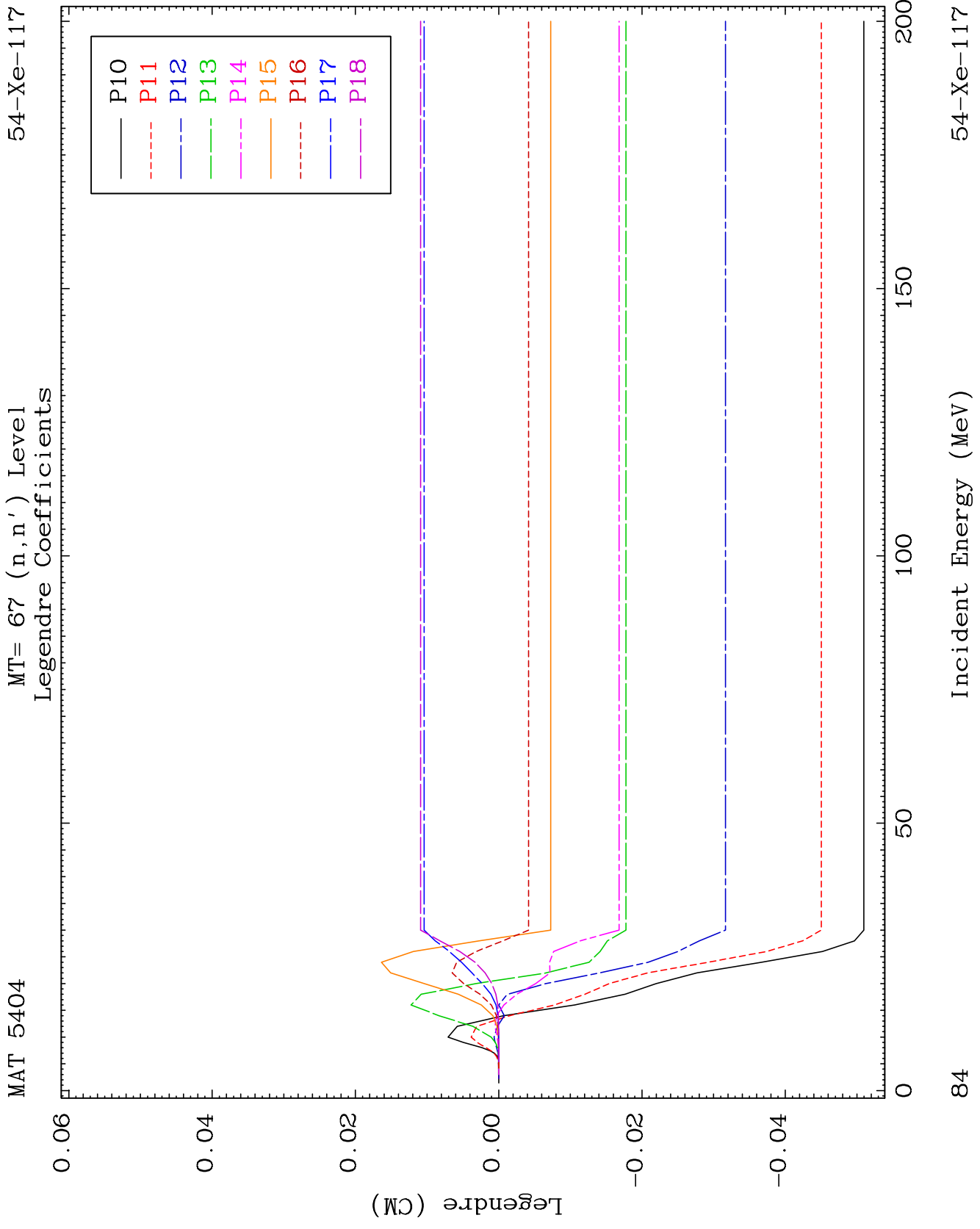
Legendre Coefficients



83

Incident Energy (MeV)

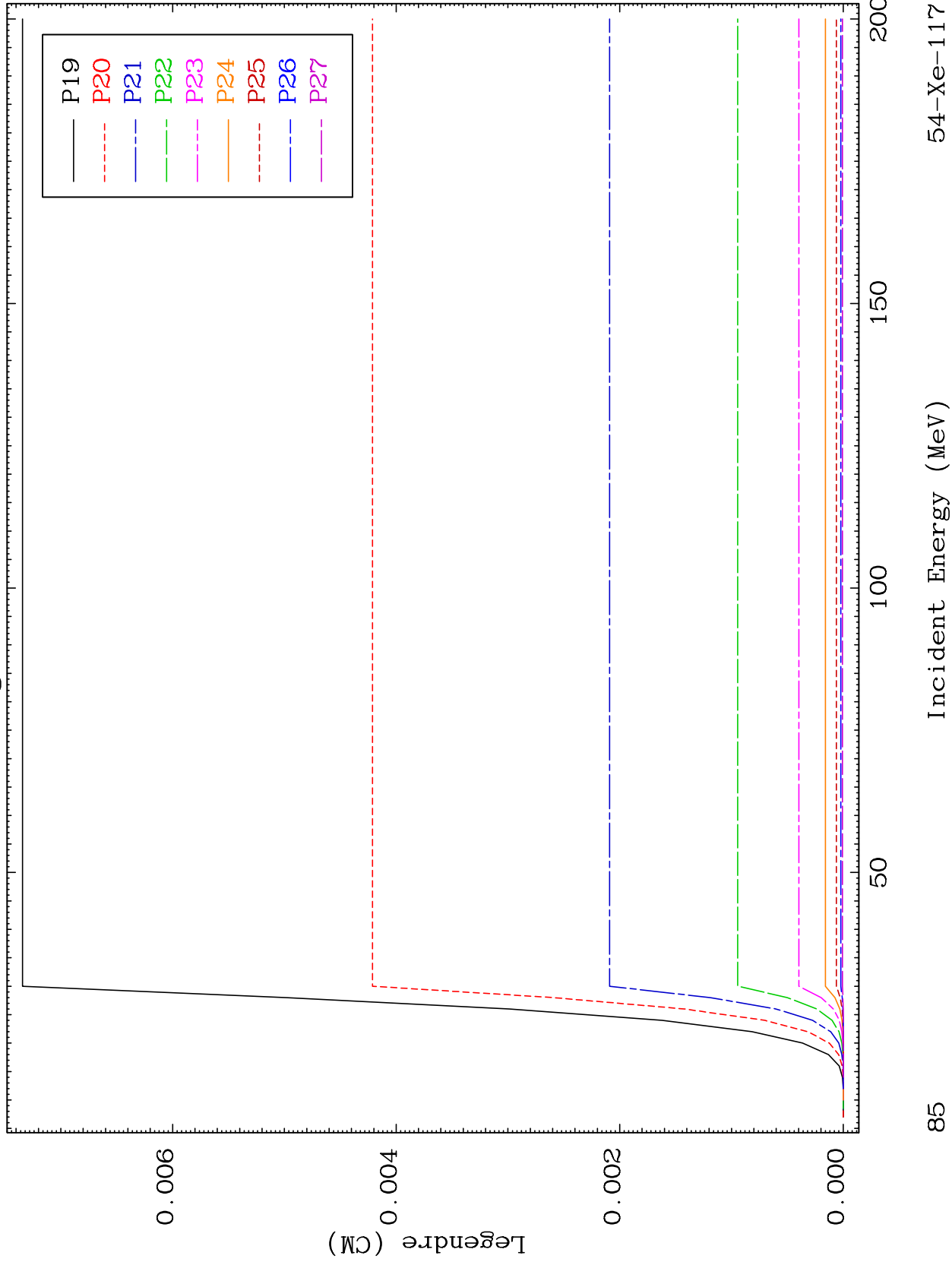
54-Xe-117



MAT 5404

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

54-Xe-117



85

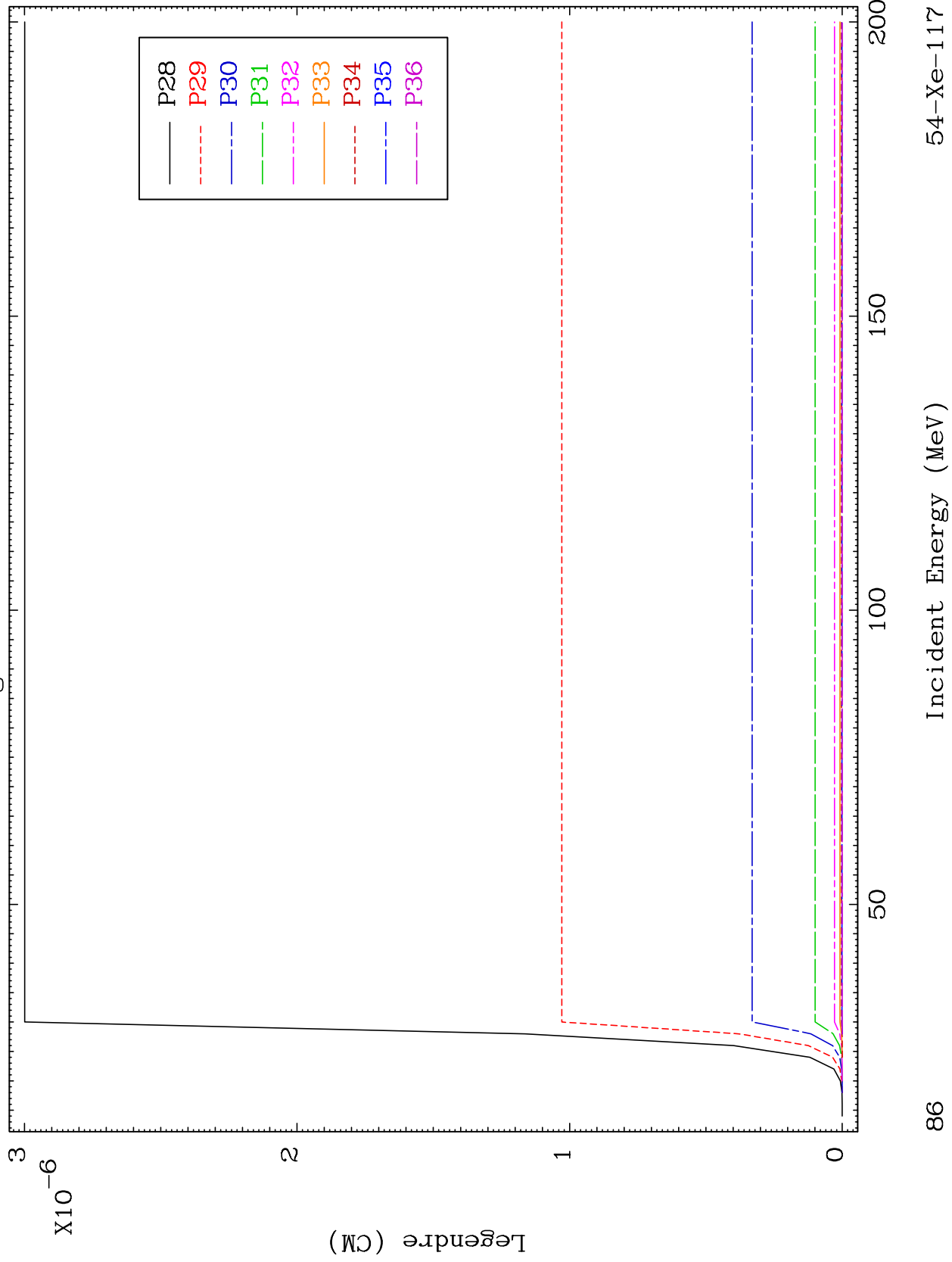
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117

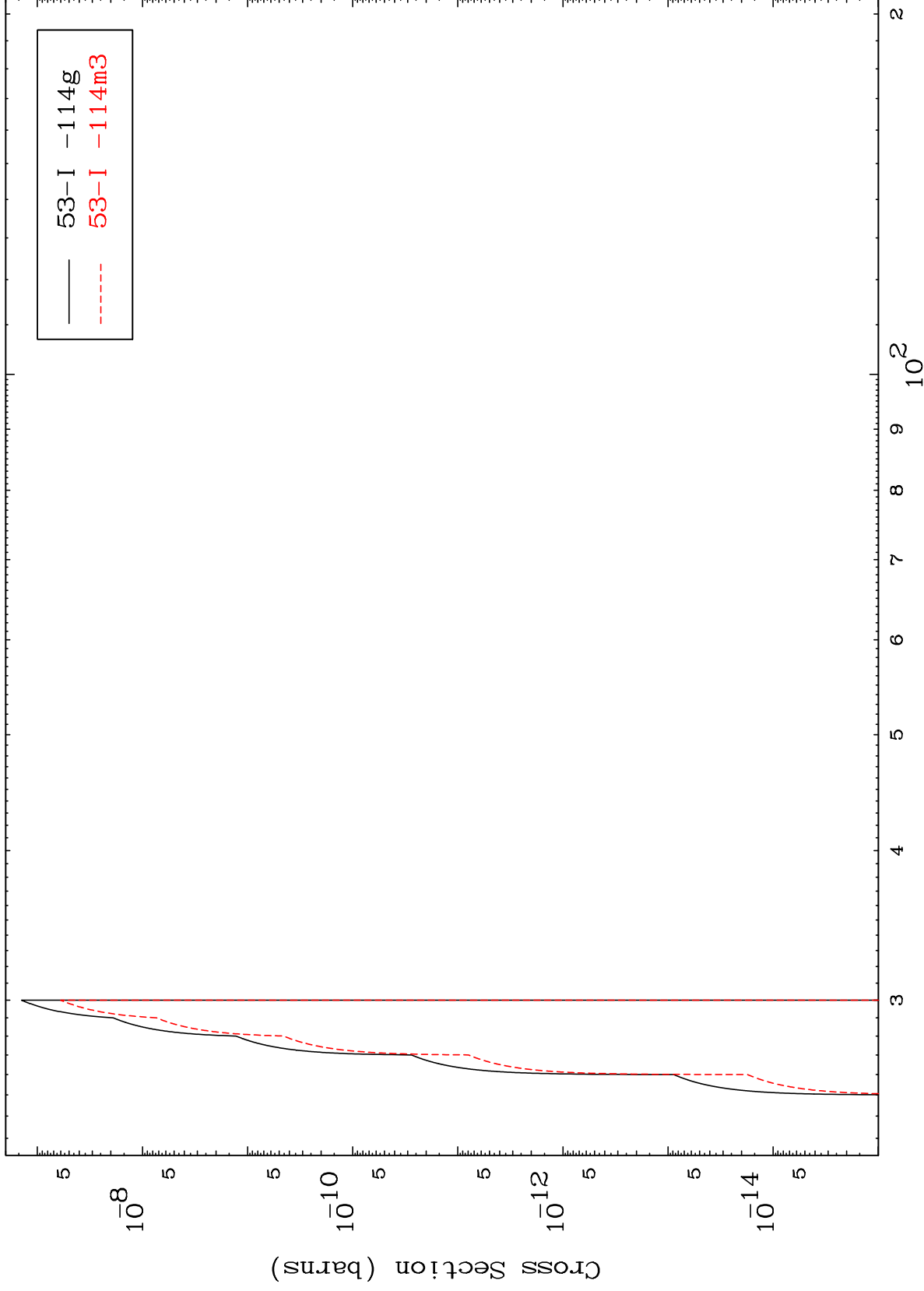


MAT 5404

(n,2n) d

54-Xe-117

Radionuclide Production Cross Section



87

Incident Energy (MeV)

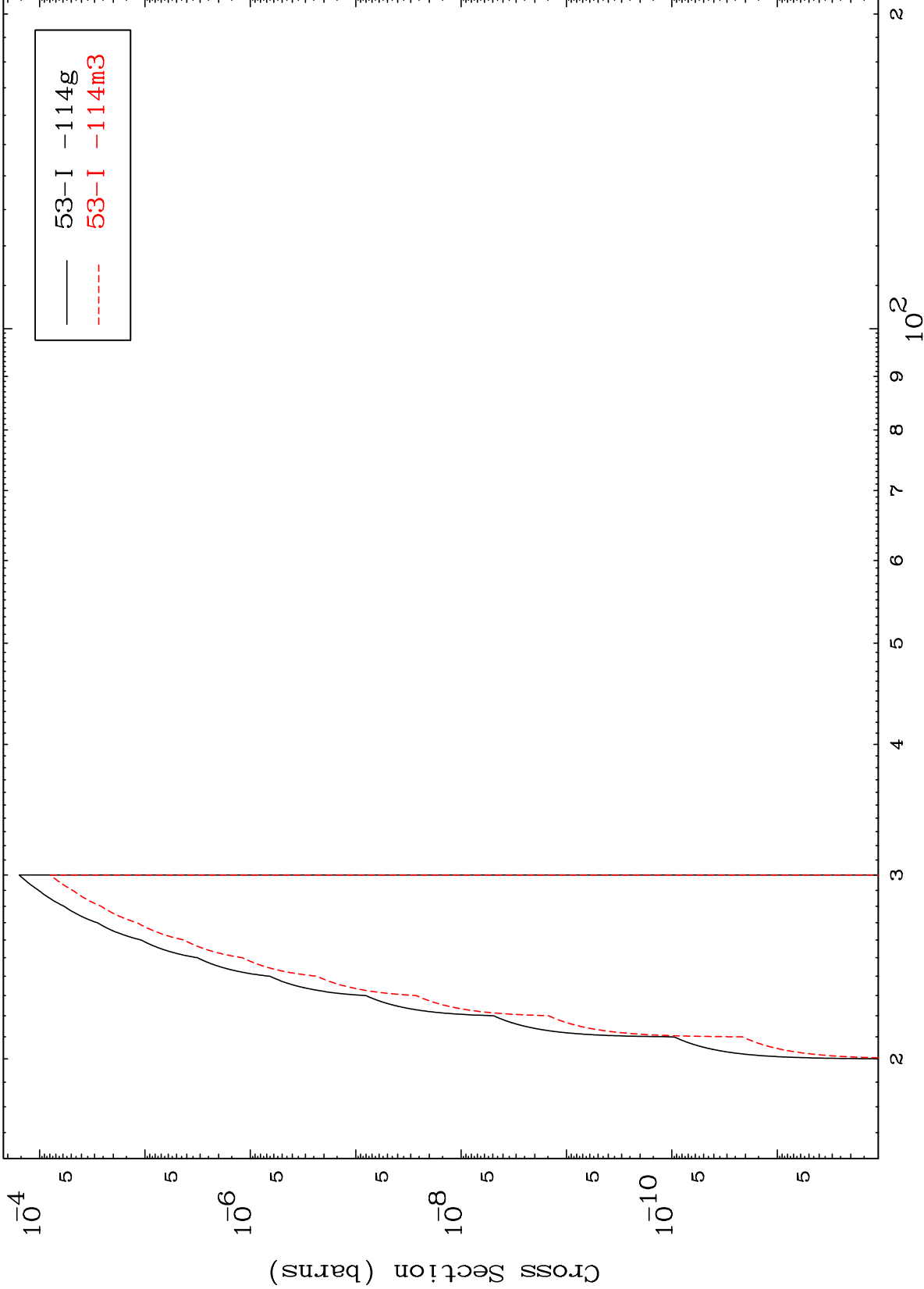
54-Xe-117

MAT 5404

(n,n') t

54-Xe-117

Radionuclide Production Cross Section

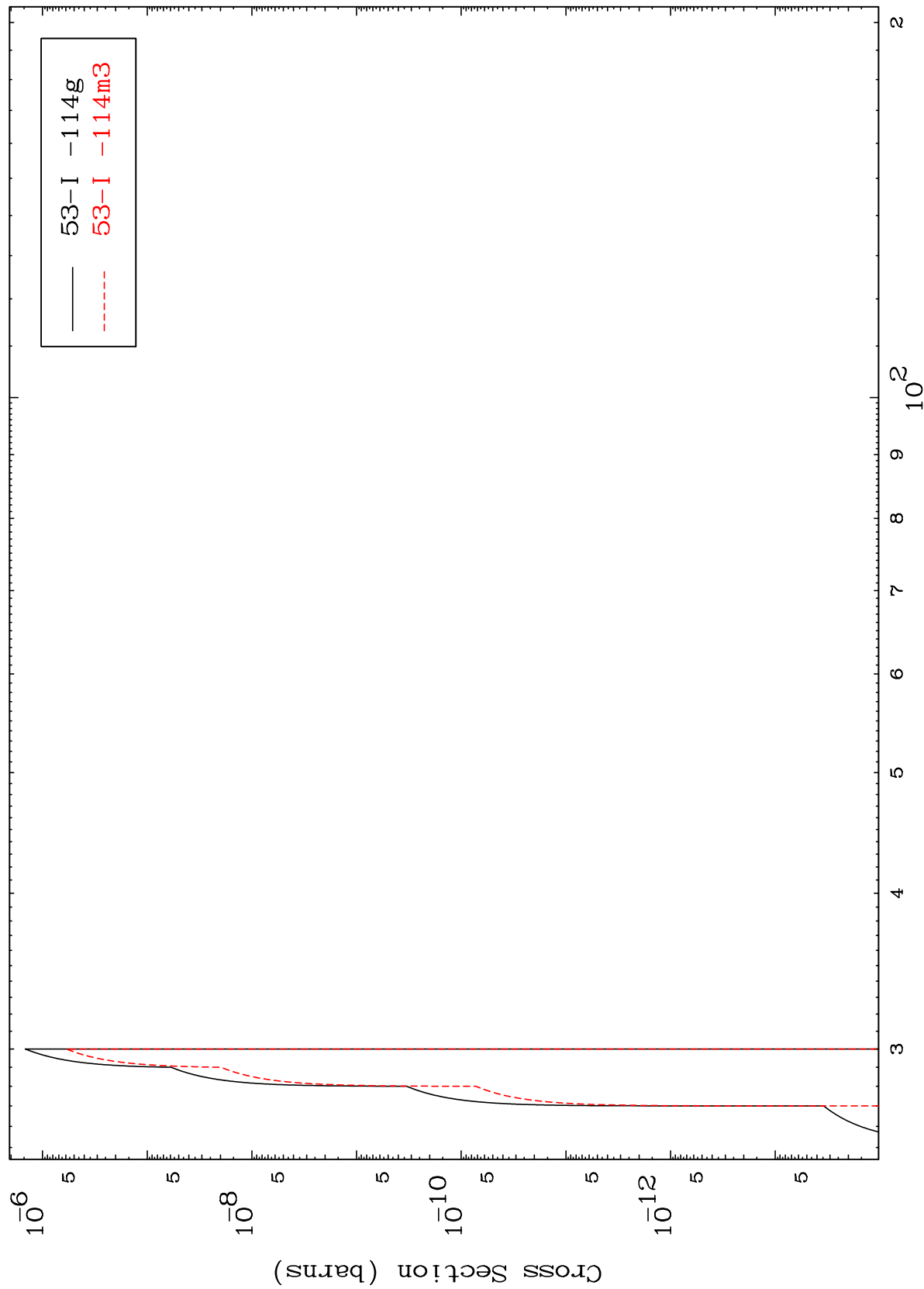


88

Incident Energy (MeV)

54-Xe-117

Radionuclide Production Cross Section

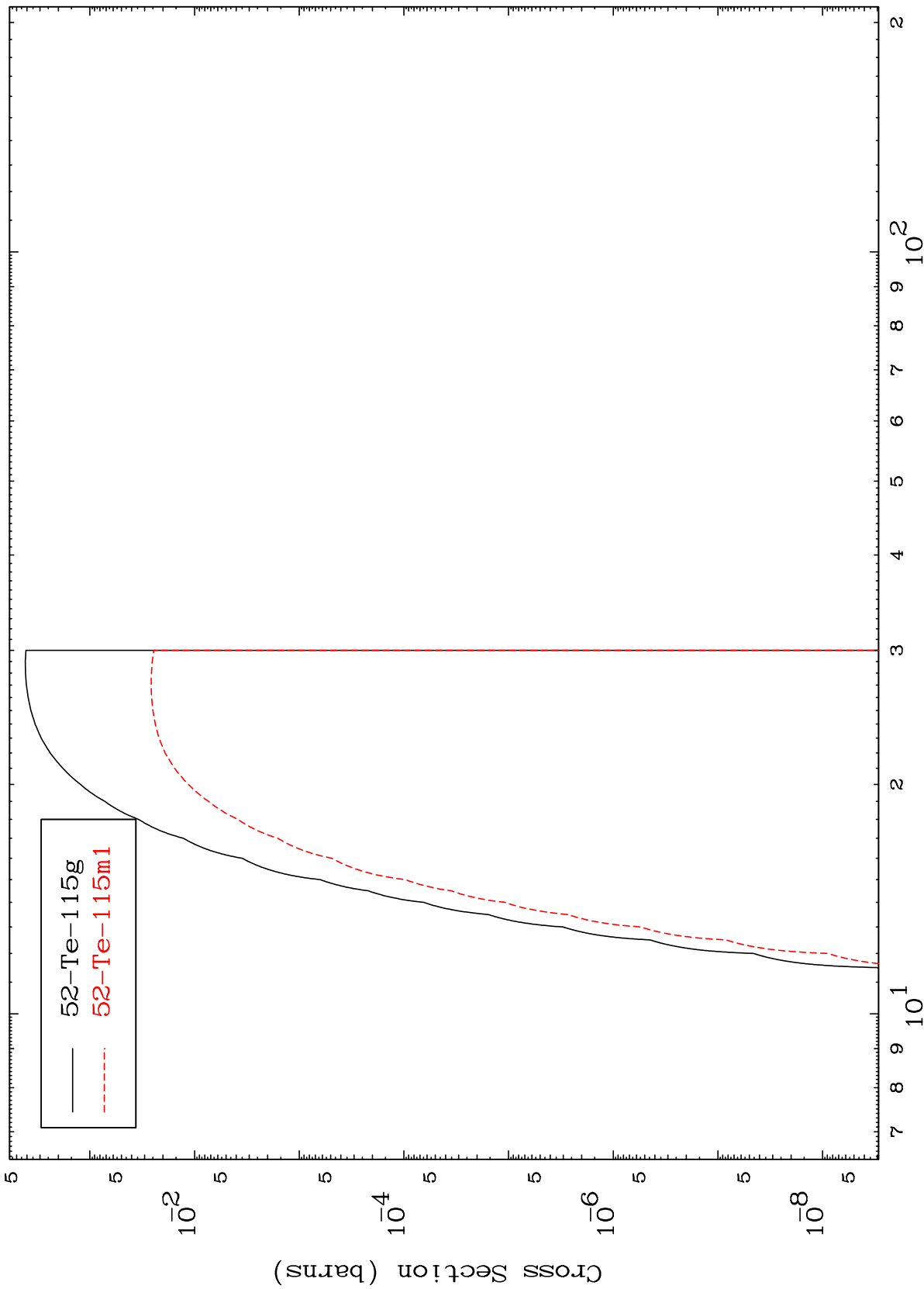


MAT 5404

(n,2n) p

54-Xe-117

Radionuclide Production Cross Section



90

Incident Energy (MeV)

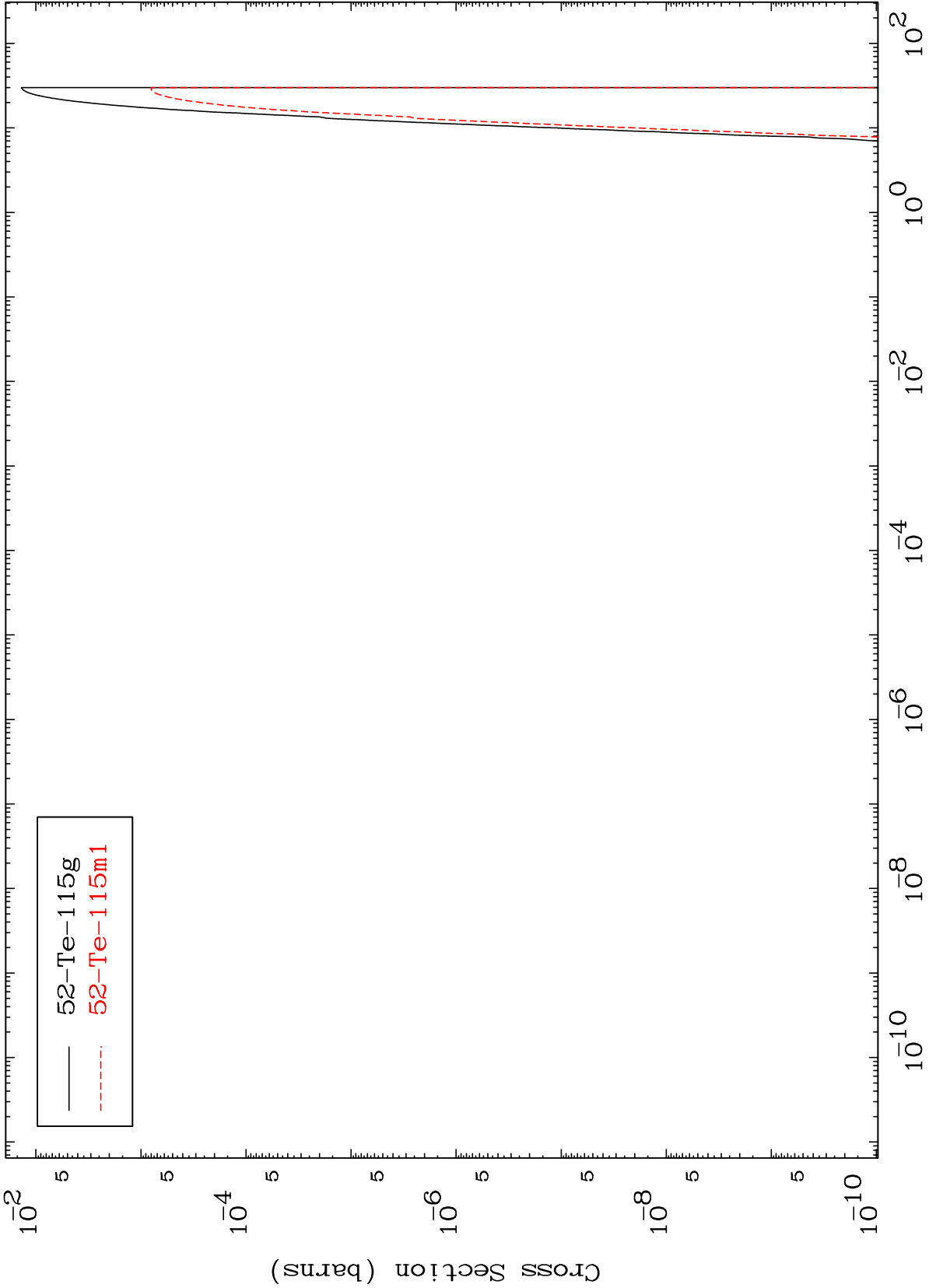
54-Xe-117

MAT 5404

(n,He-3)

54-Xe-117

Radionuclide Production Cross Section



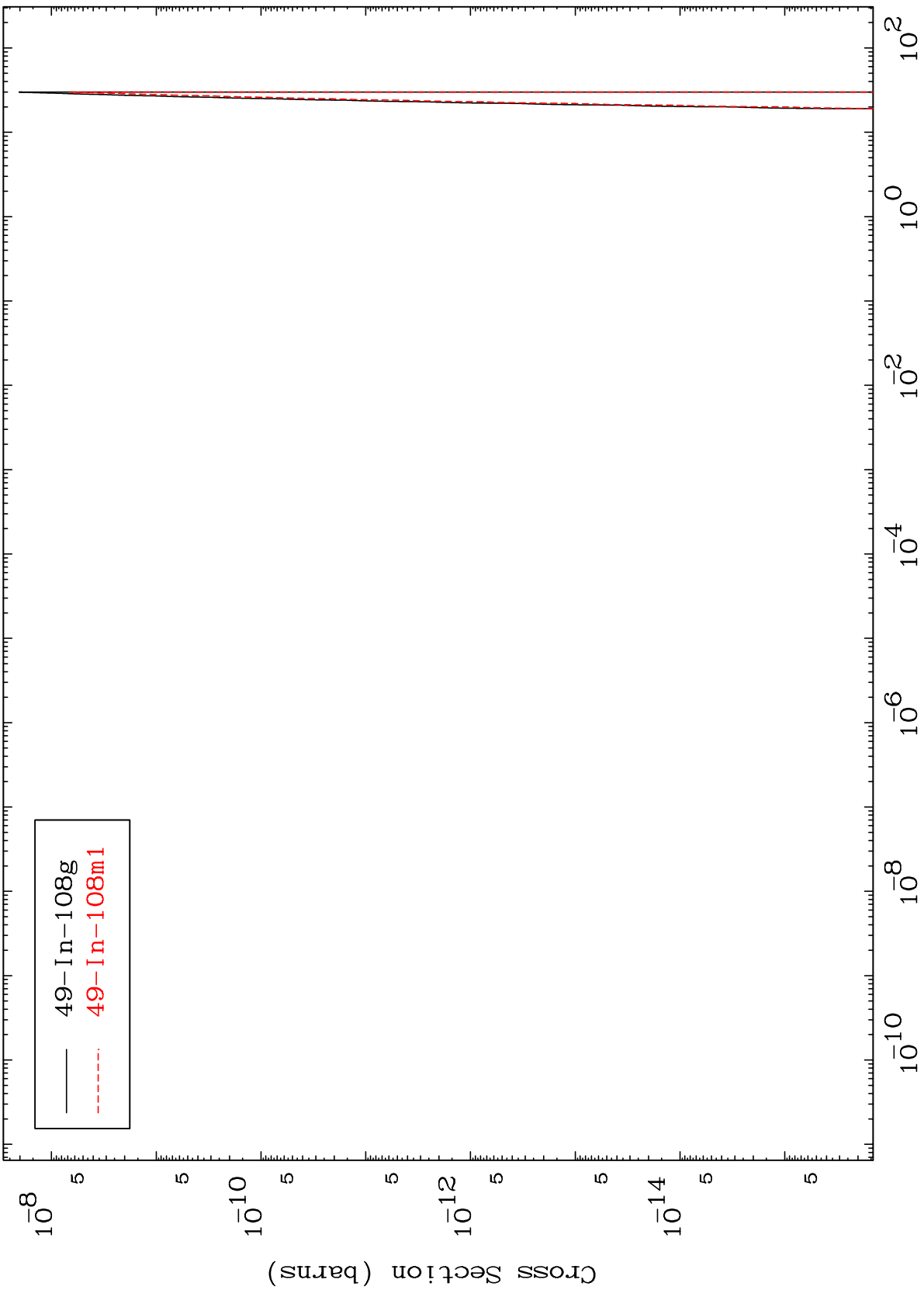
52-Te-115g
52-Te-115m1

MAT 5404

(n,d) 2 α

54-Xe-117

Radionuclide Production Cross Section

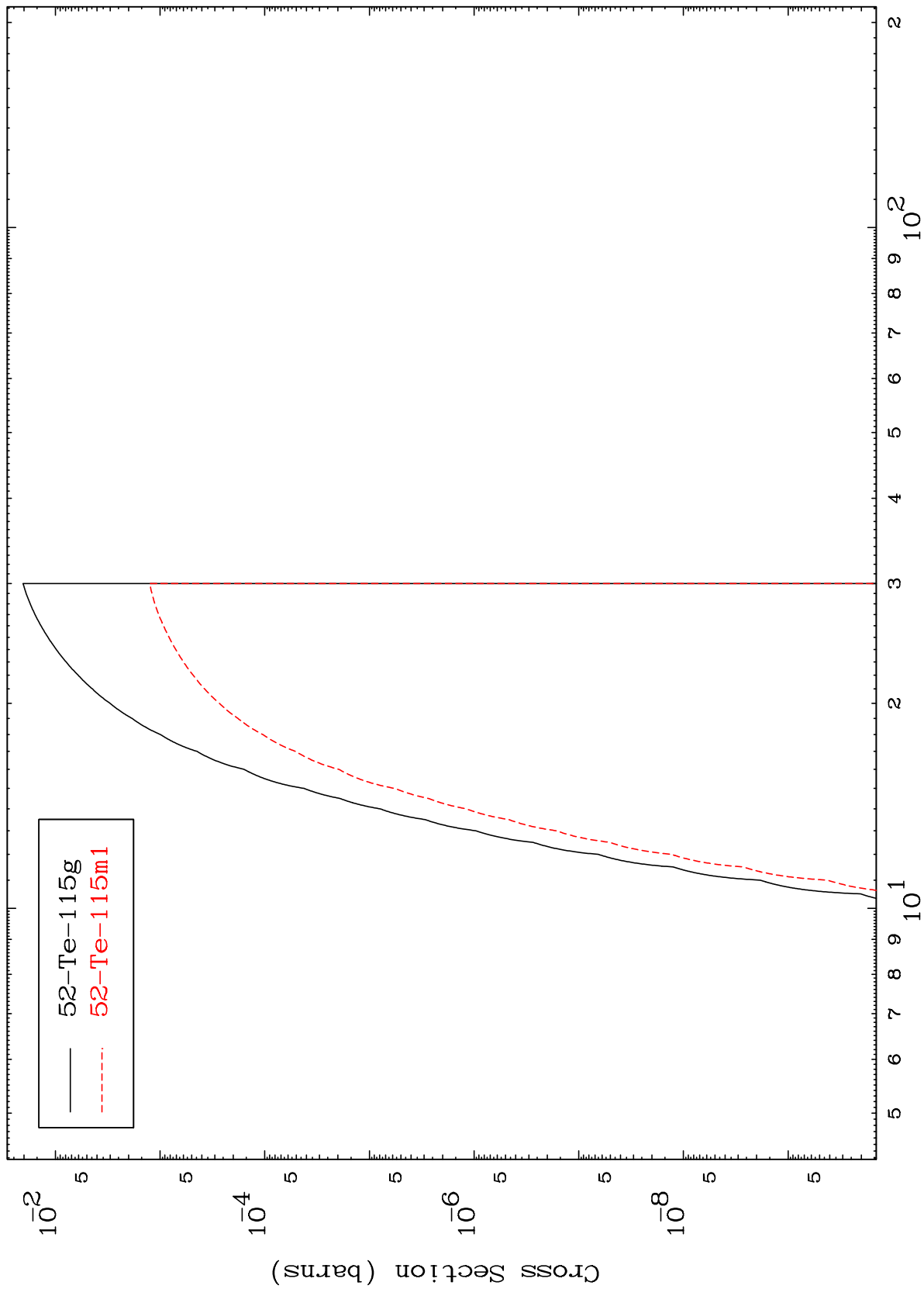


MAT 5404

(n,p) d

54-Xe-117

Radionuclide Production Cross Section



52-Te-115g
52-Te-115m1

Incident Energy (MeV)

54-Xe-117

93