

Program EVALPLOT
(Version 2021-1)

by

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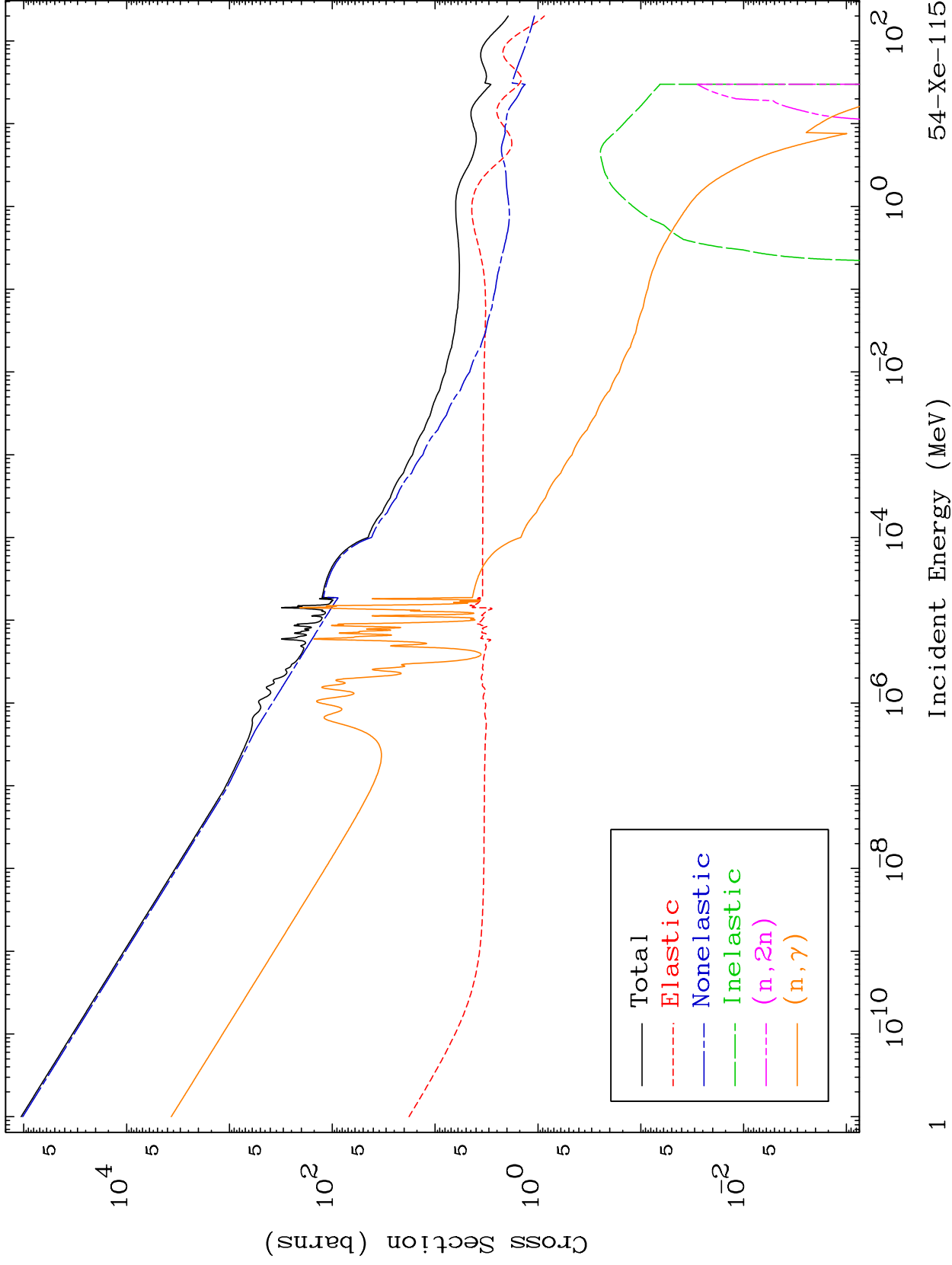
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5398

Neutron Major
293 Kelvin Cross Sections

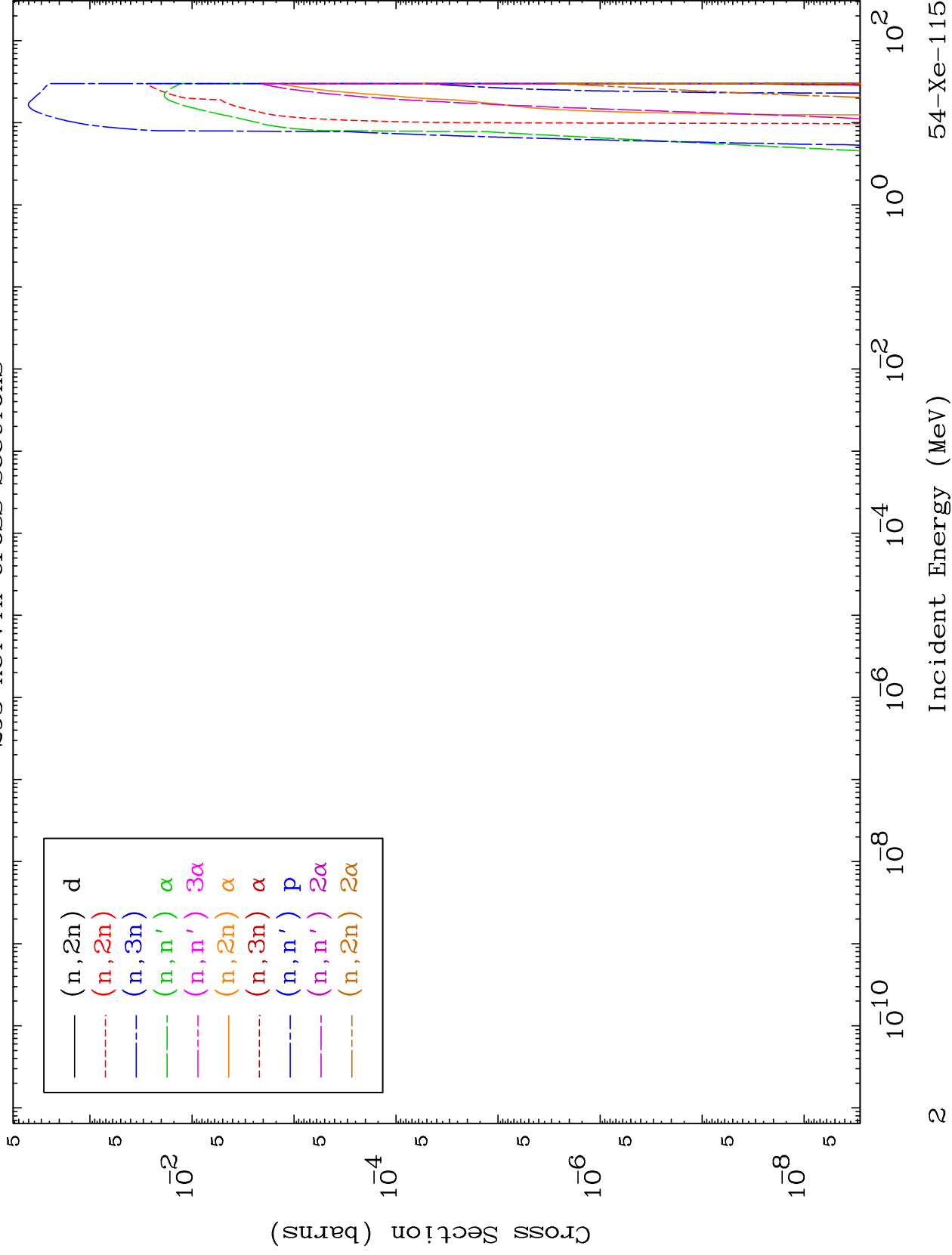
54-Xe-115

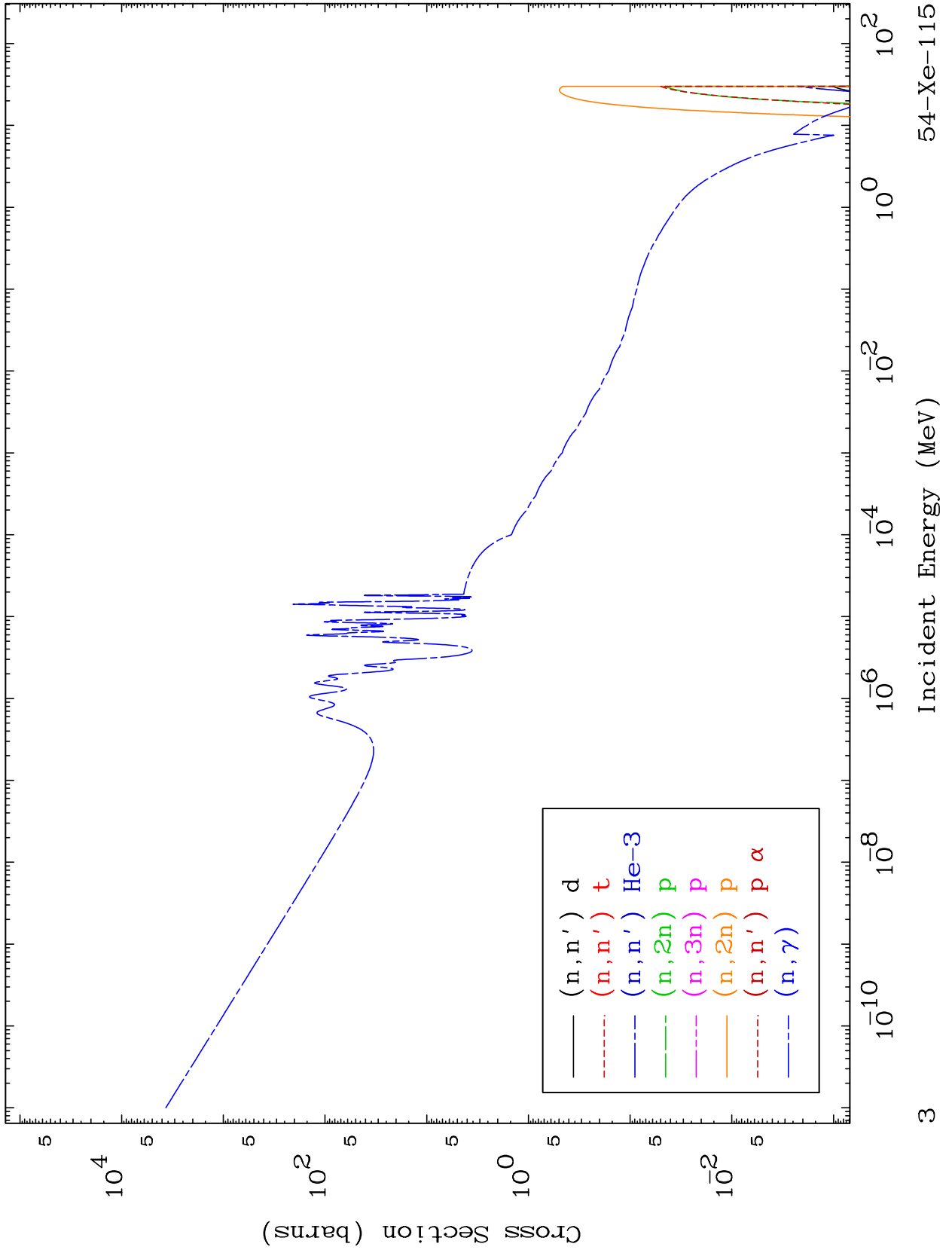


MAT 5398

Neutron Absorption
293 Kelvin Cross Sections

54-Xe-115

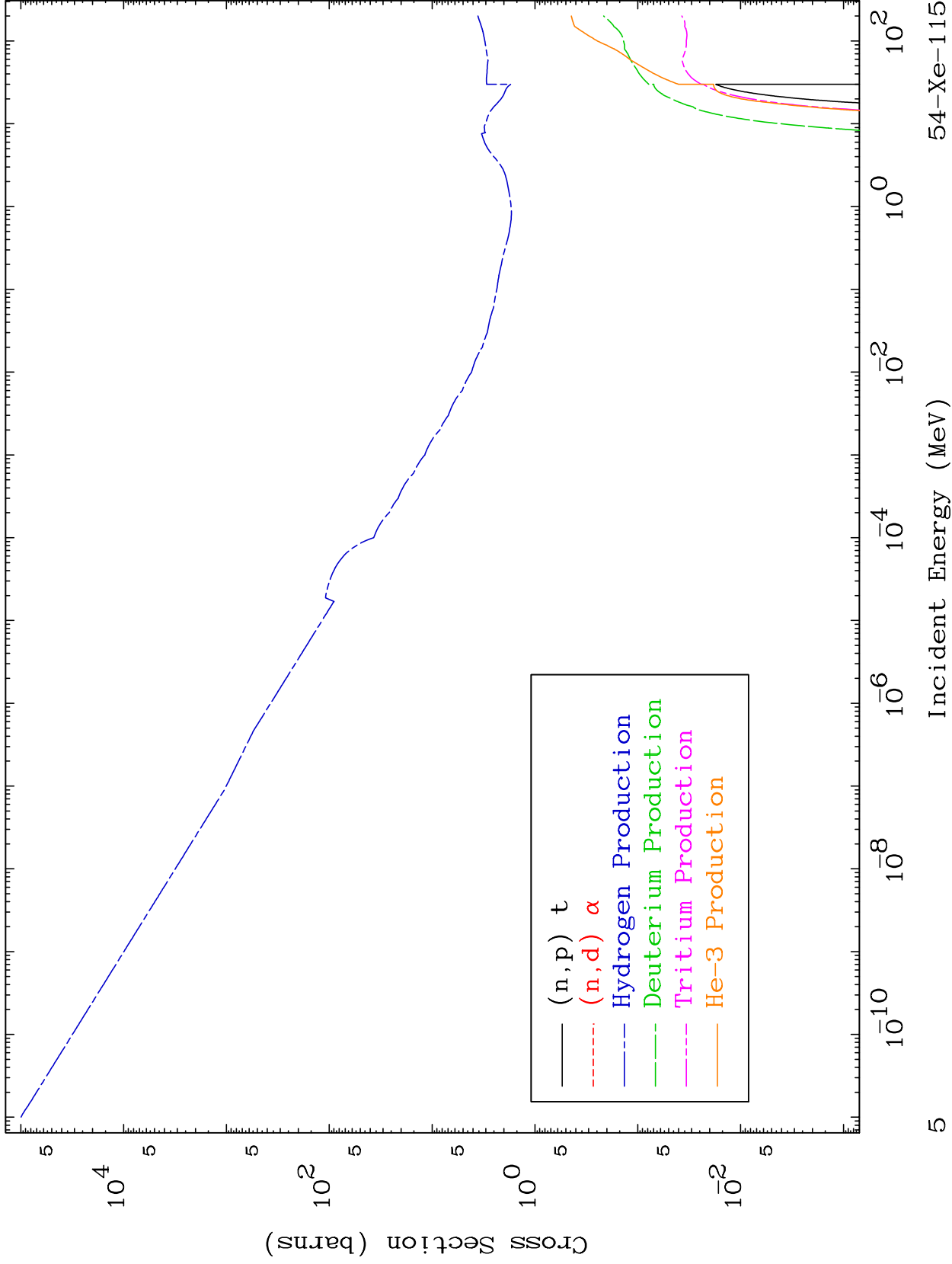




MAT 5398

Neutron Absorption
293 Kelvin Cross Sections

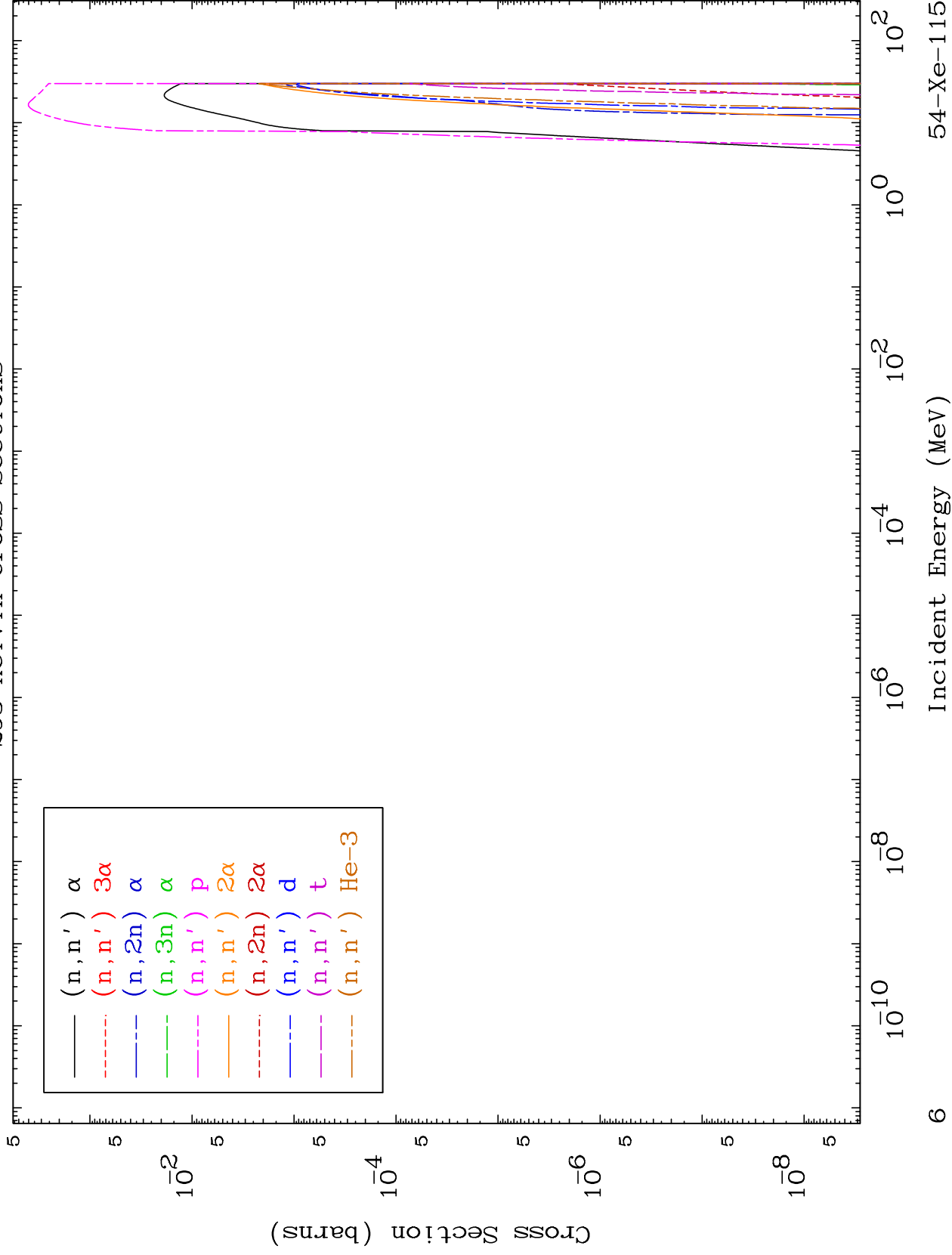
54-Xe-115



MAT 5398

Charged Particle
293 Kelvin Cross Sections

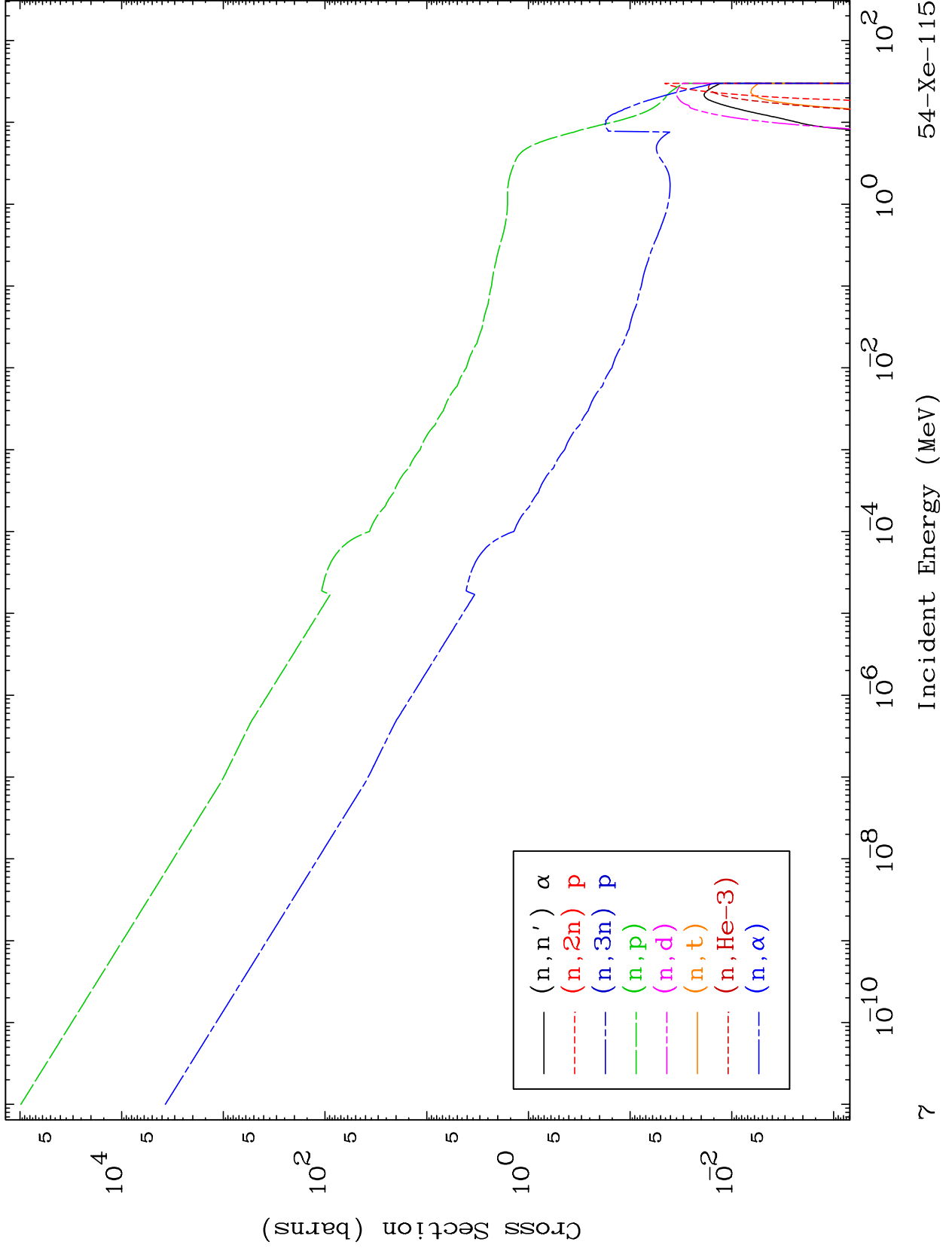
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MAT 5398

Charged Particle
293 Kelvin Cross Sections

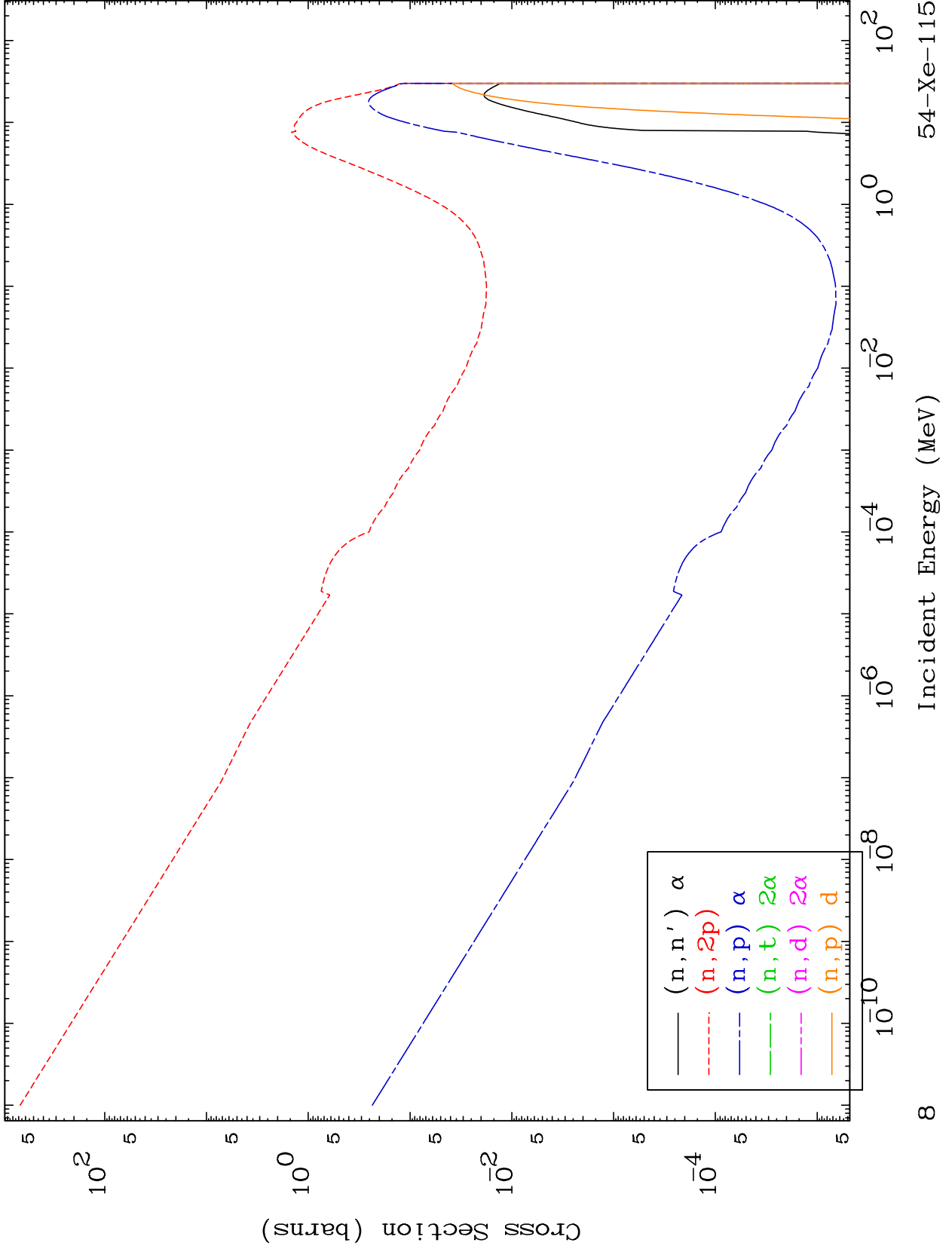
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MAT 5398

Charged Particle
293 Kelvin Cross Sections

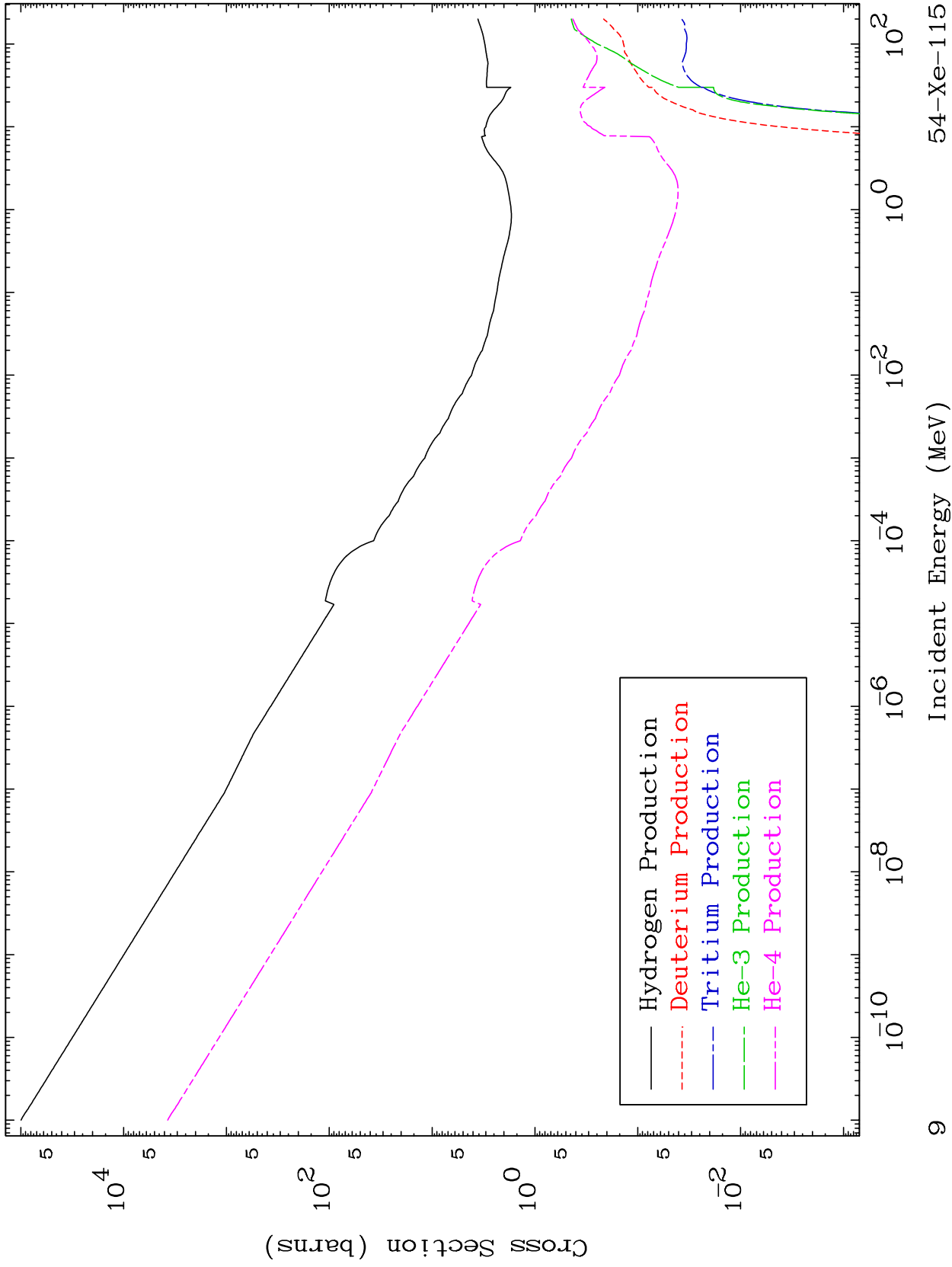
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MAT 5398

Particle Production
293 Kelvin Cross Sections

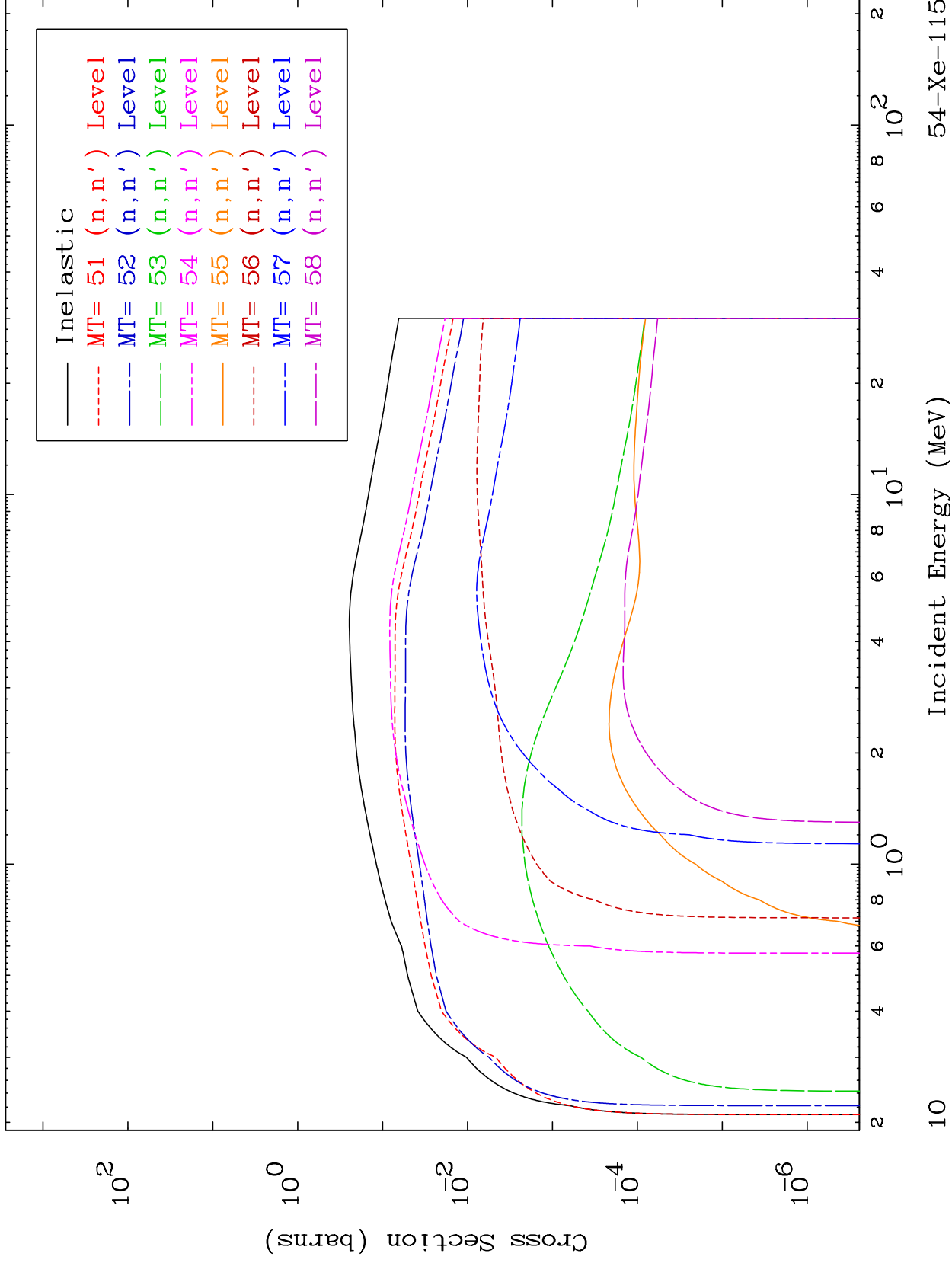
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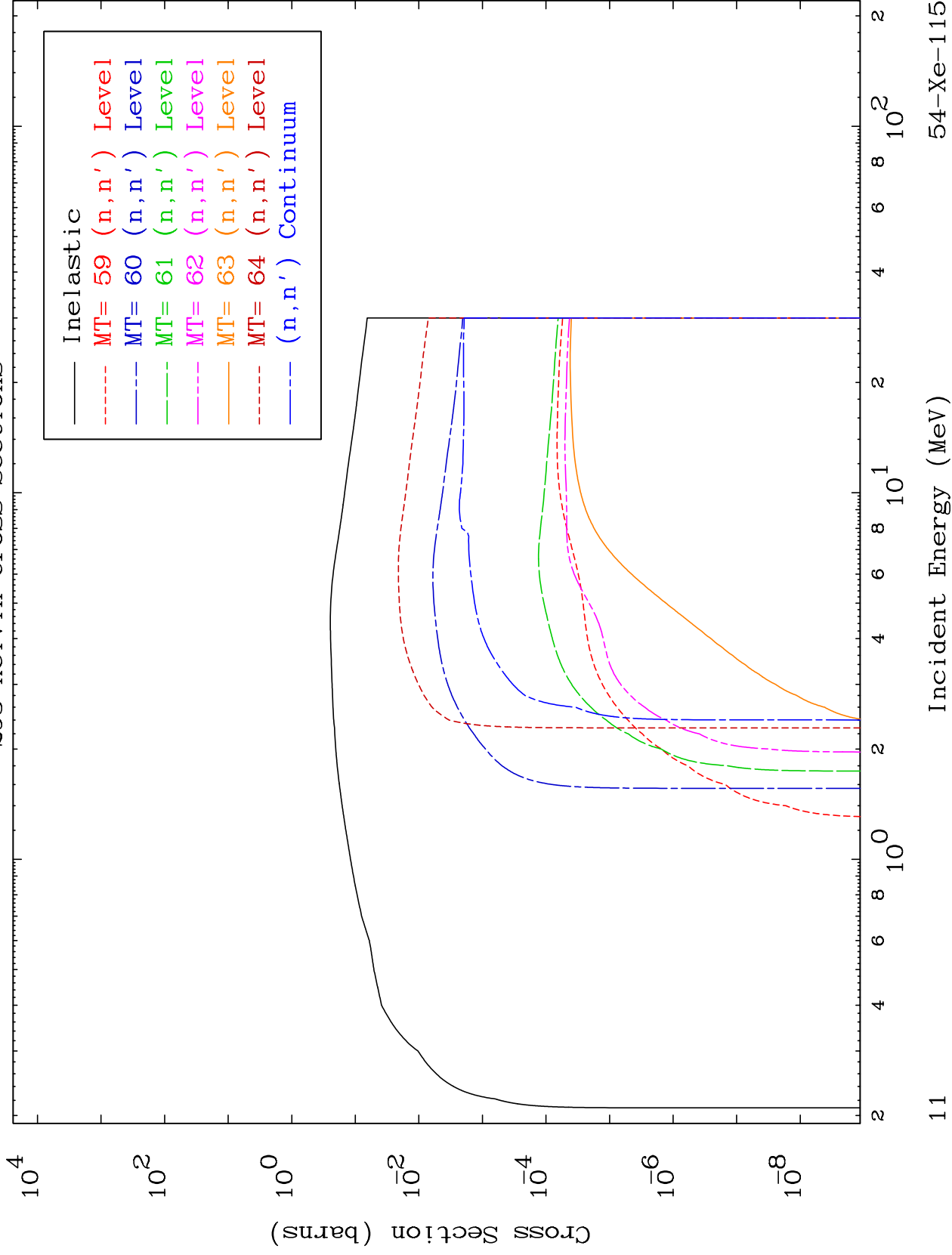
MAT 5398

(n,n') Levels
293 Kelvin Cross Sections

54-Xe-115



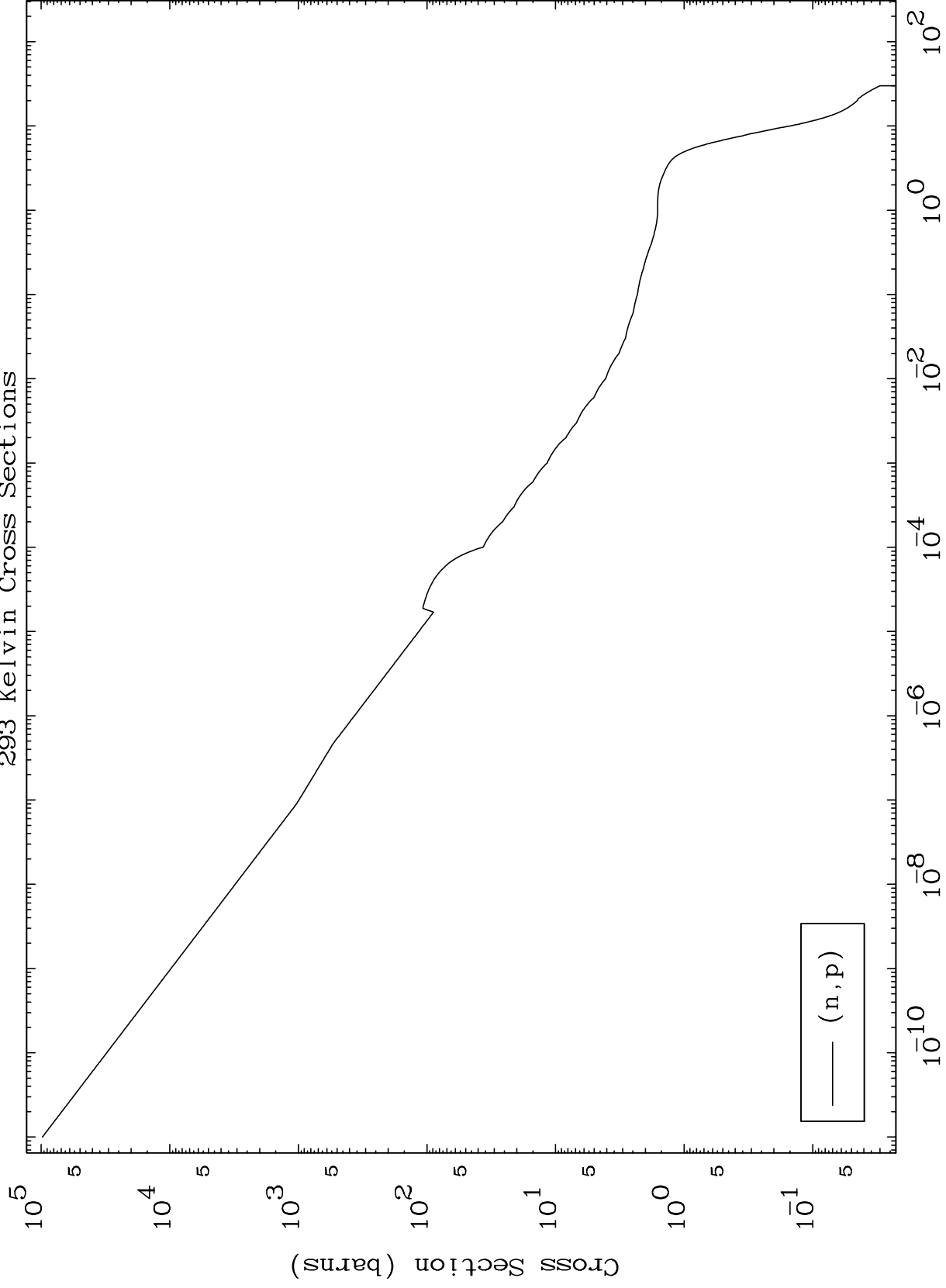
293 Kelvin Cross Sections



MAT 5398

(n,p) Levels
293 Kelvin Cross Sections

54-Xe-115



(n,p)

Incident Energy (MeV)

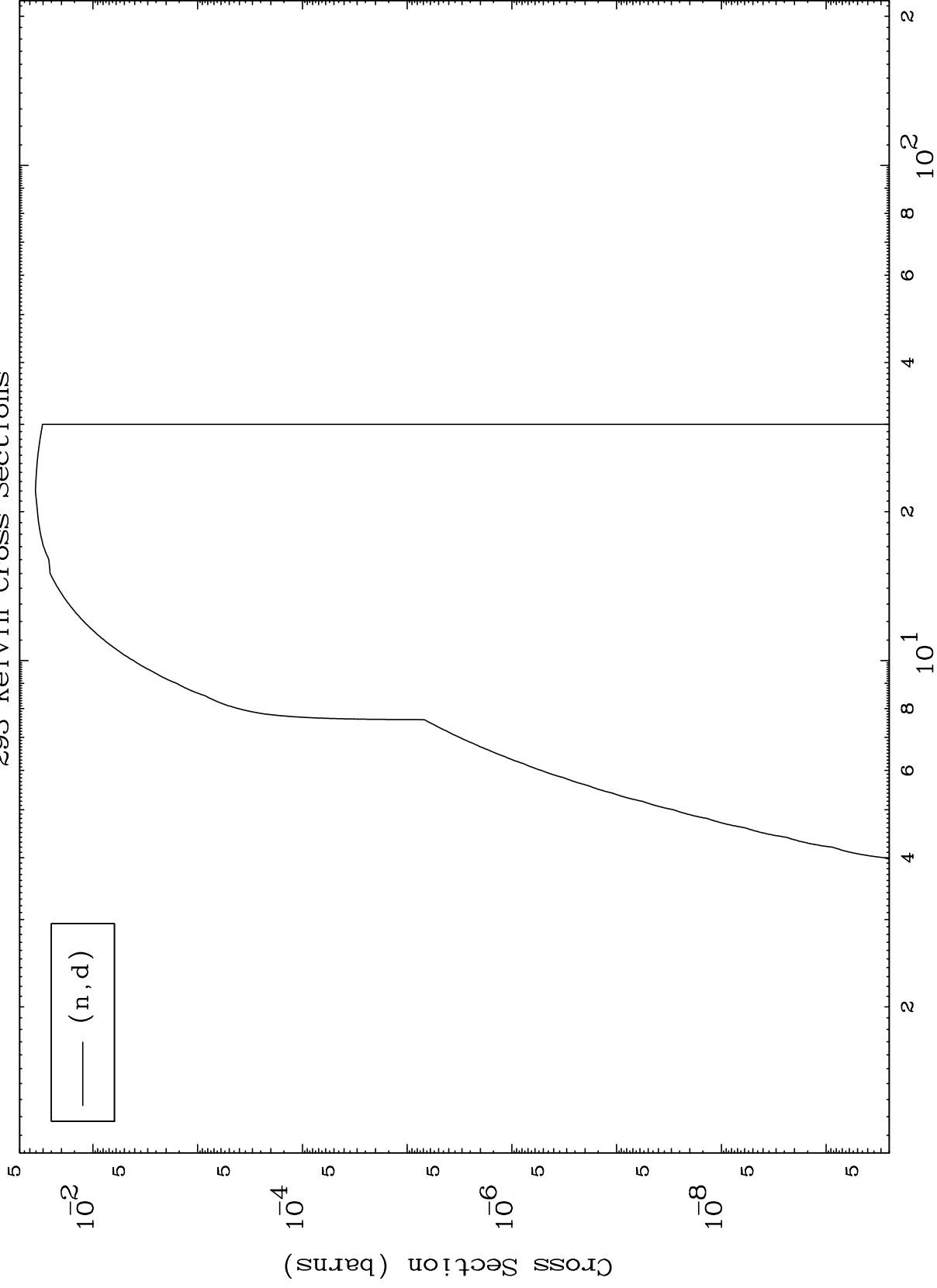
54-Xe-115

12

MAT 5398

(n,d) Levels
293 Kelvin Cross Sections

54-Xe-115



13

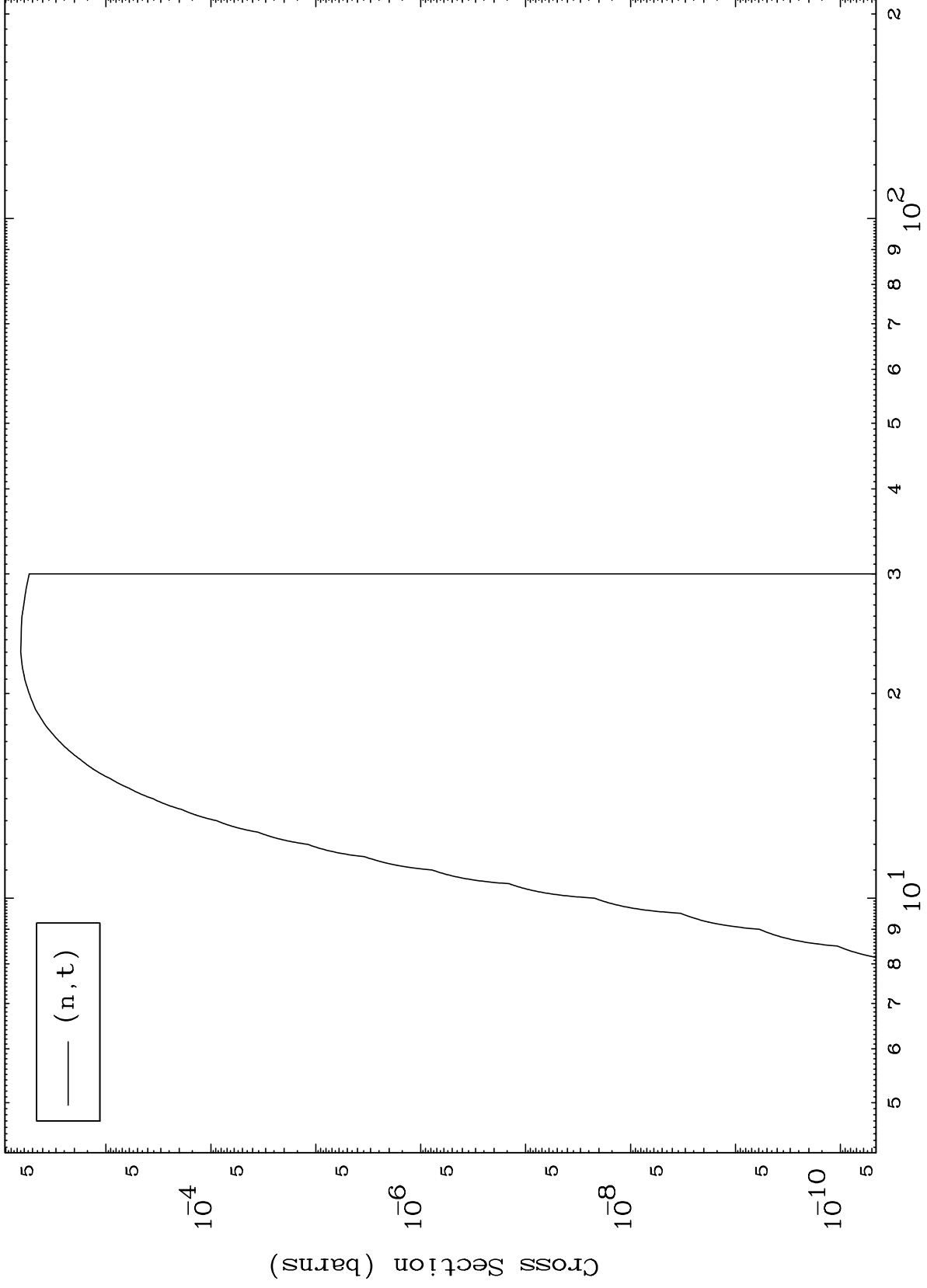
Incident Energy (MeV)

54-Xe-115

MAT 5398

(n,t) Levels
293 Kelvin Cross Sections

54-Xe-115



14

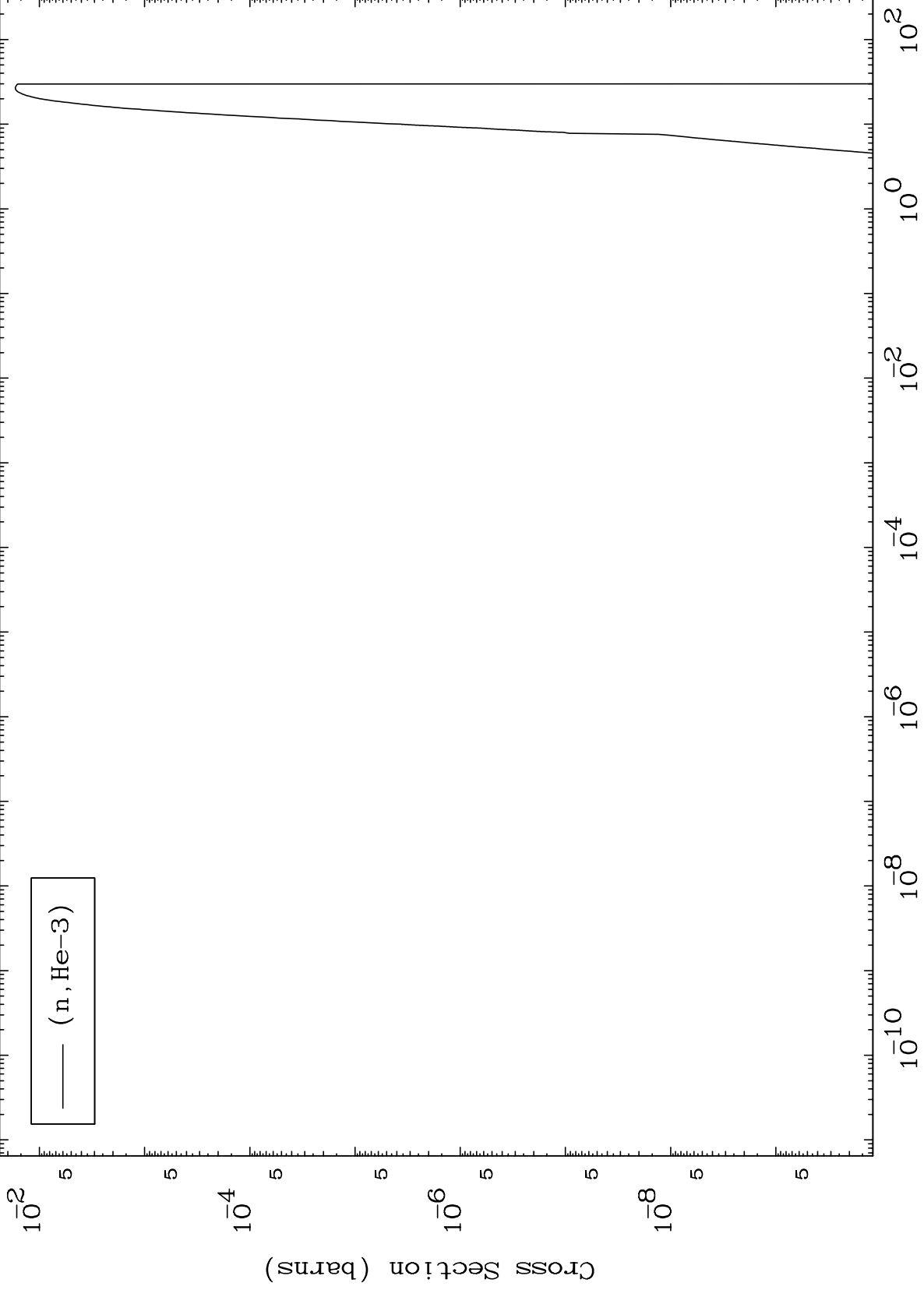
Incident Energy (MeV)

54-Xe-115

MAT 5398

(n,He3) Levels
293 Kelvin Cross Sections

54-Xe-115

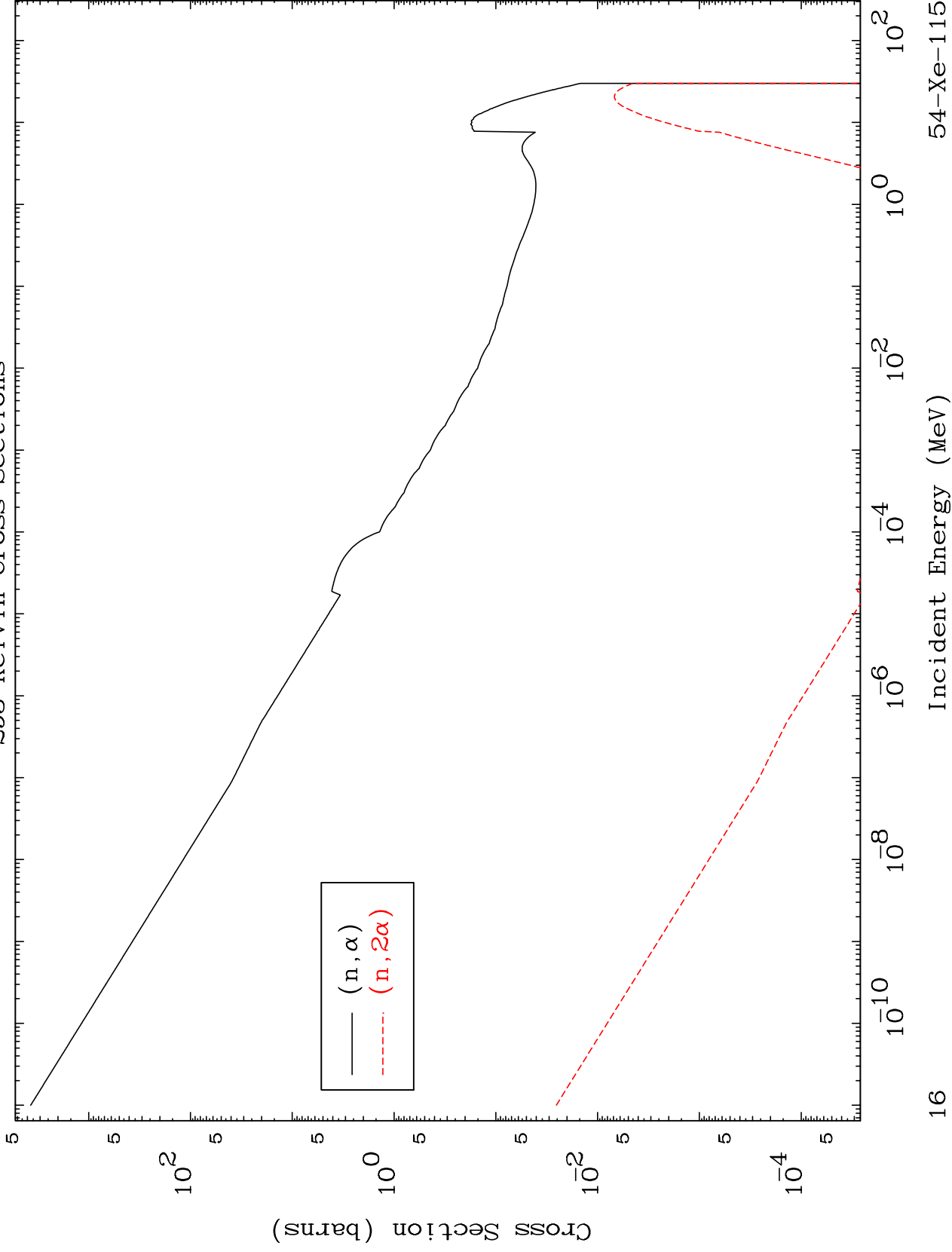


(n, He-3)

MAT 5398

(n,α) Levels
293 Kelvin Cross Sections

54-Xe-115



16

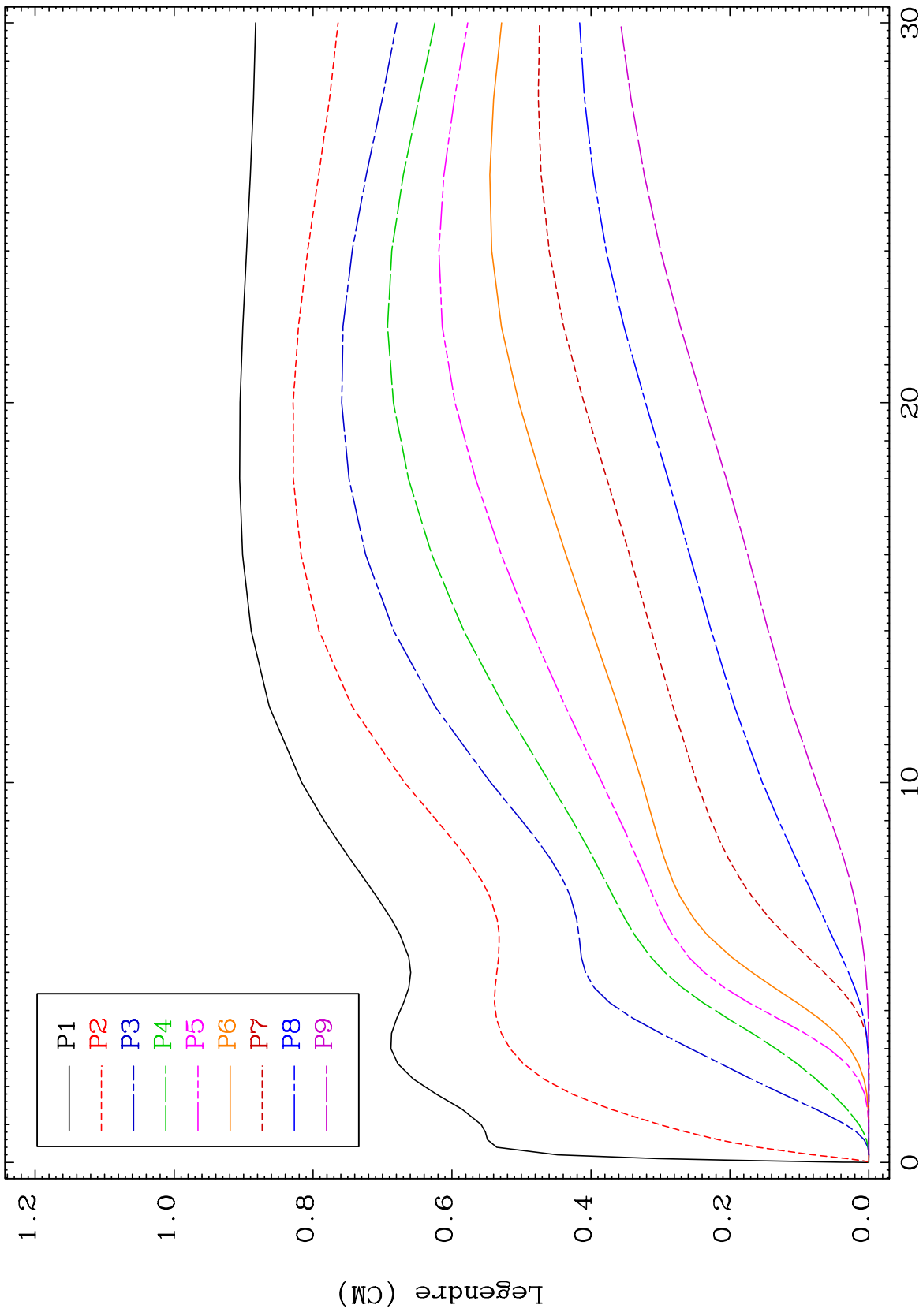
Incident Energy (MeV)

54-Xe-115

MAT 5398

Elastic Legendre Coefficients

54-Xe-115



17

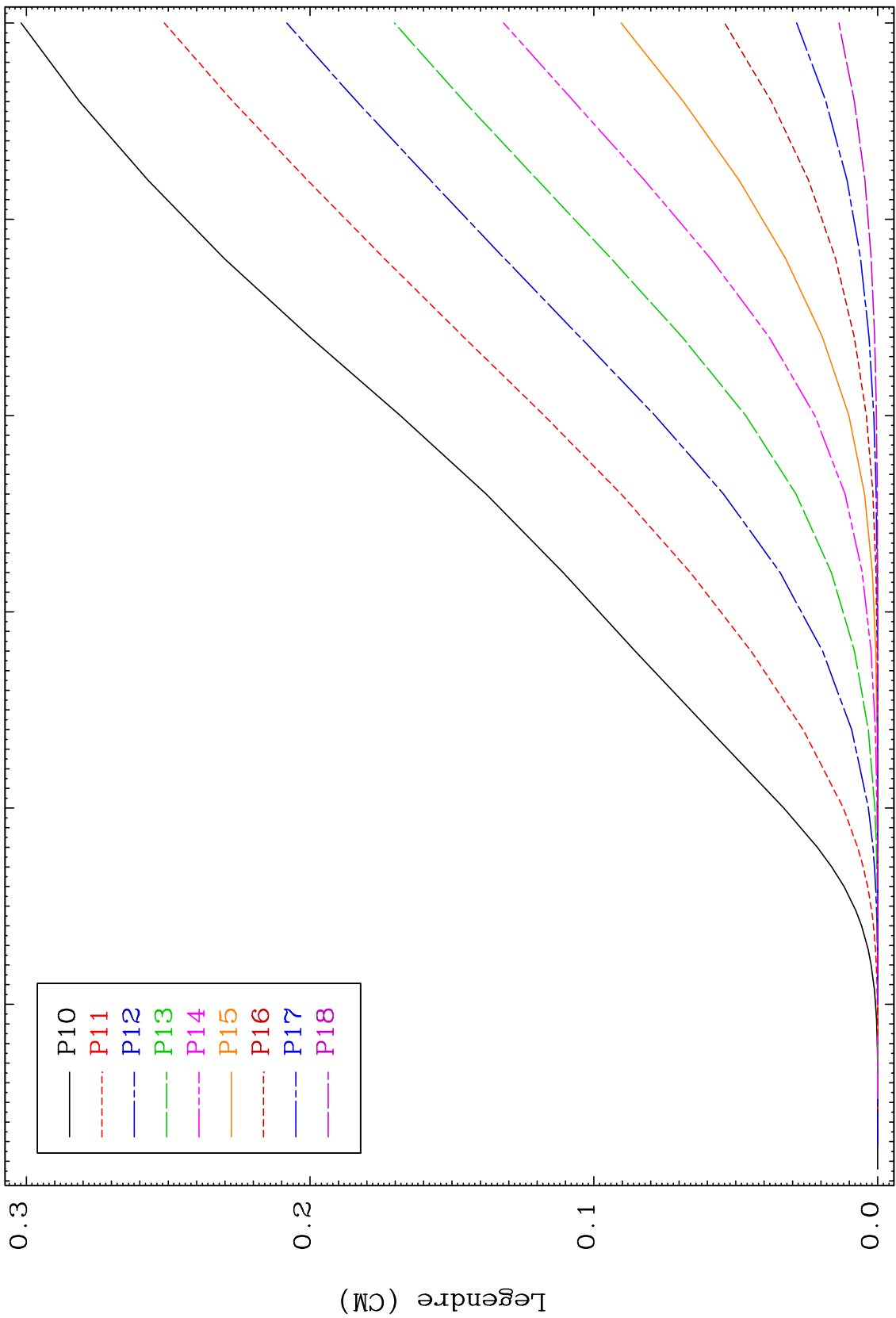
Incident Energy (MeV)

54-Xe-115

MAT 5398

Elastic Legendre Coefficients

54-Xe-115



18

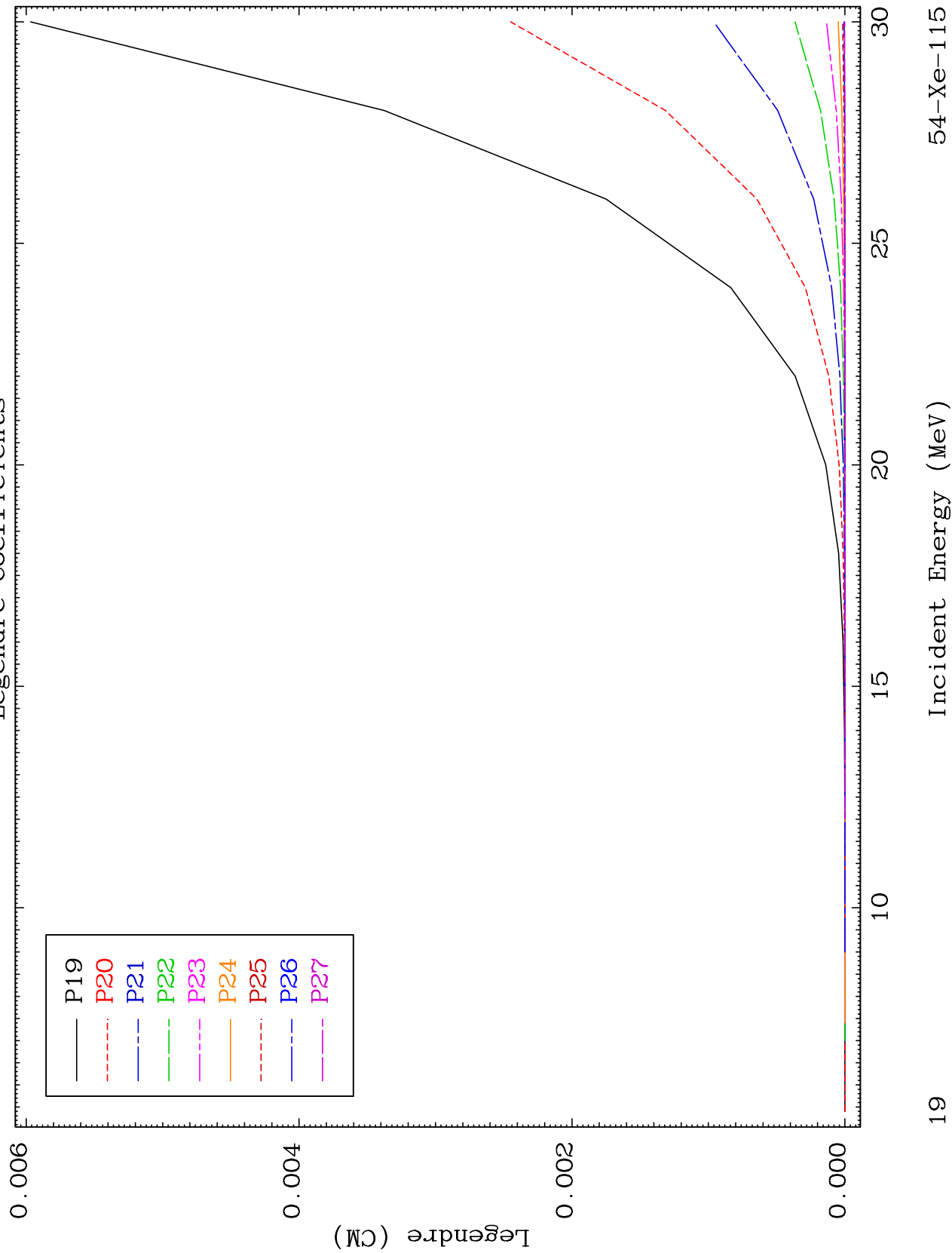
Incident Energy (MeV)

54-Xe-115

MAT 5398

Elastic
Legendre Coefficients

54-Xe-115



19

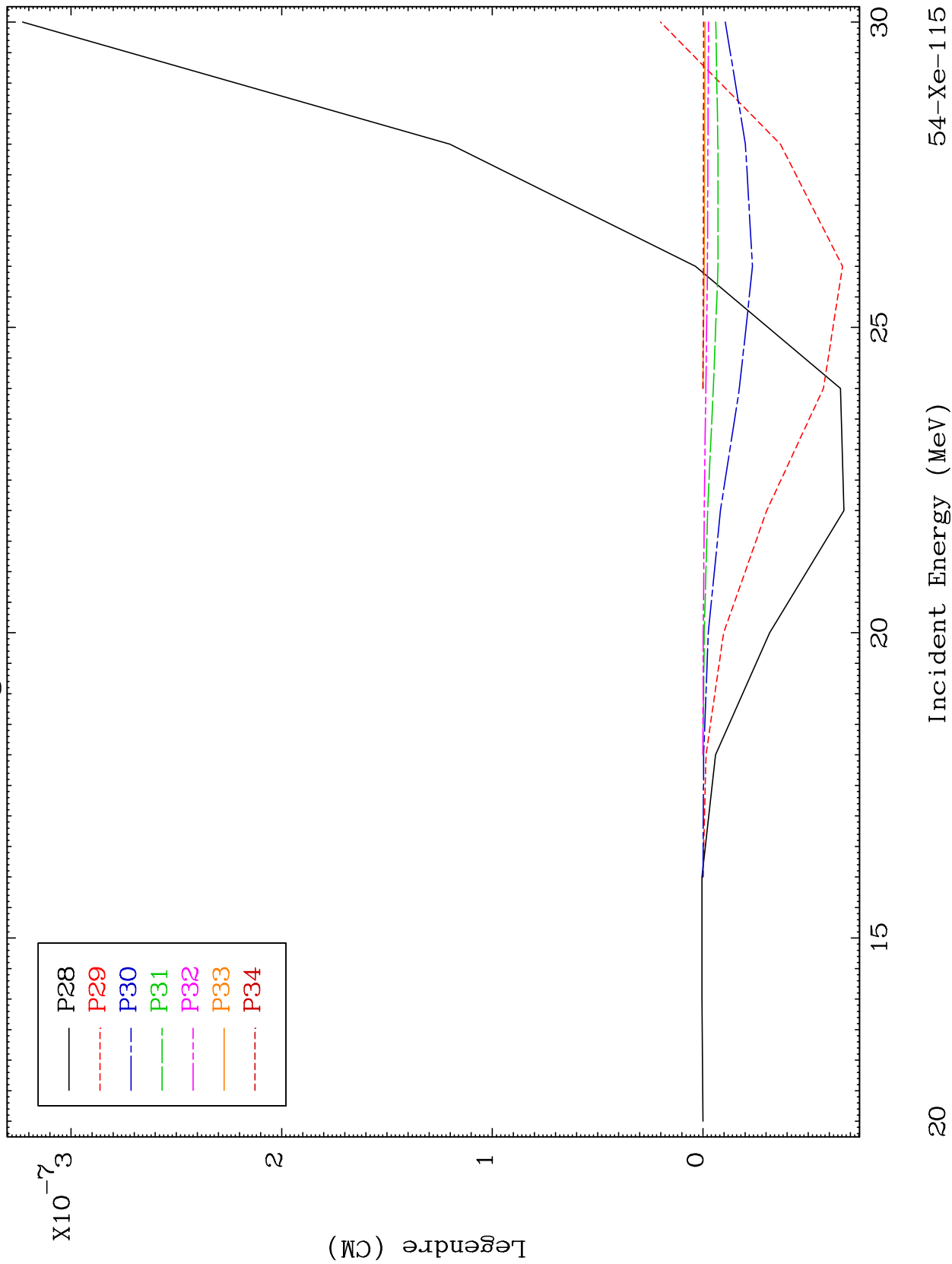
Incident Energy (MeV)

54-Xe-115

MAT 5398

Elastic Legendre Coefficients

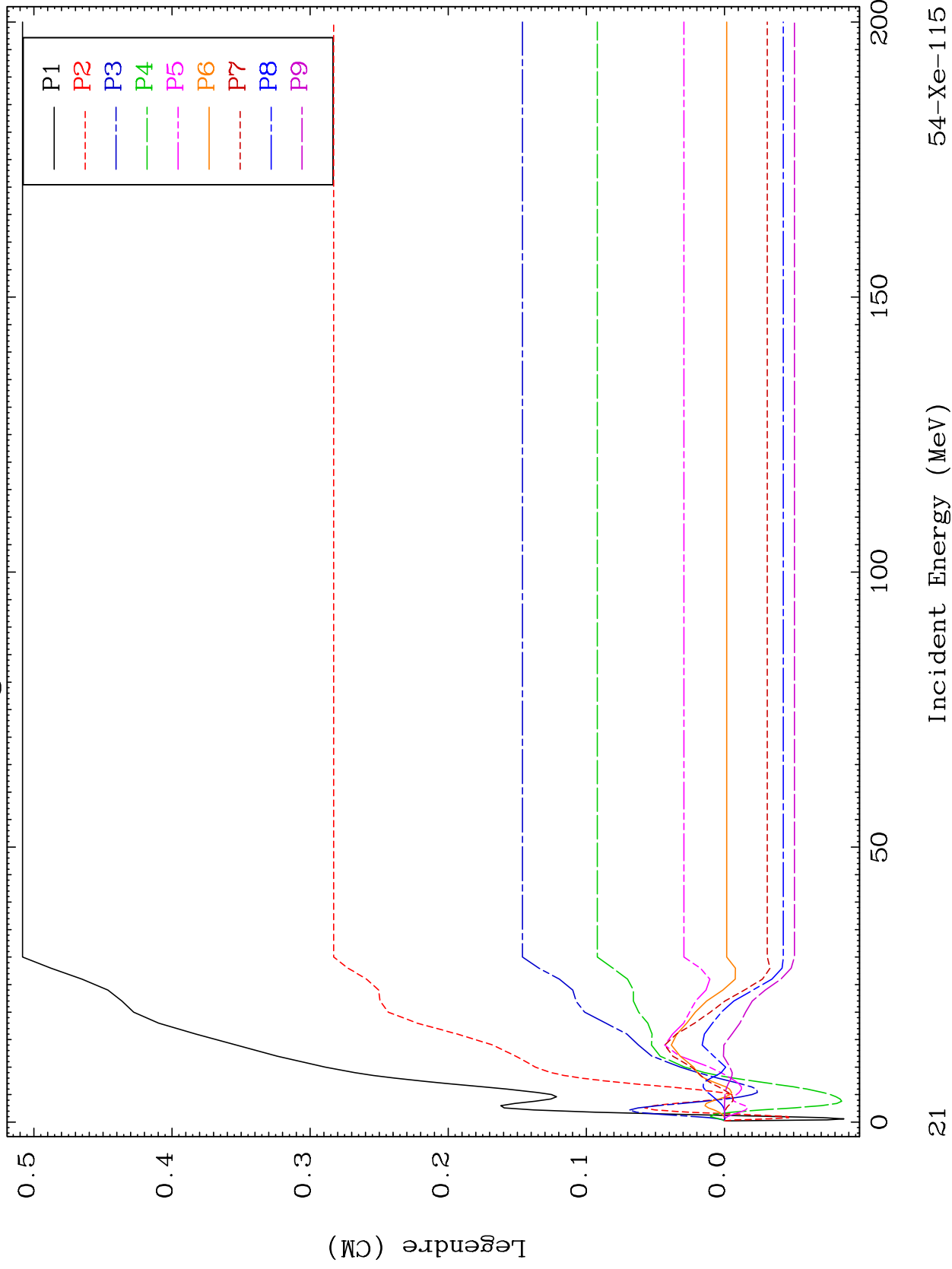
54-Xe-115



MAT 5398

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

54-Xe-115



54-Xe-115

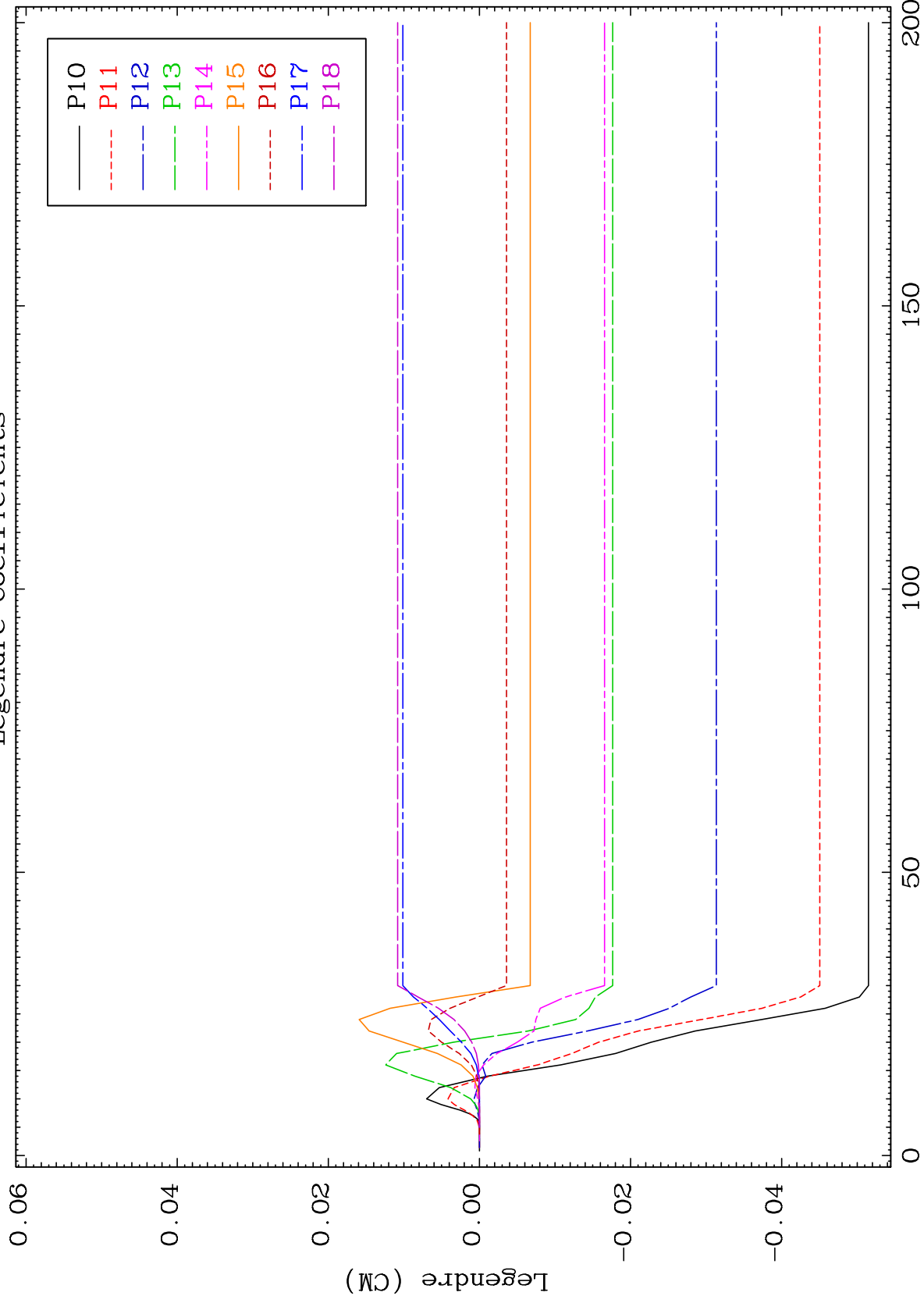
Incident Energy (MeV)

21

MAT 5398

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

54-Xe-115



22

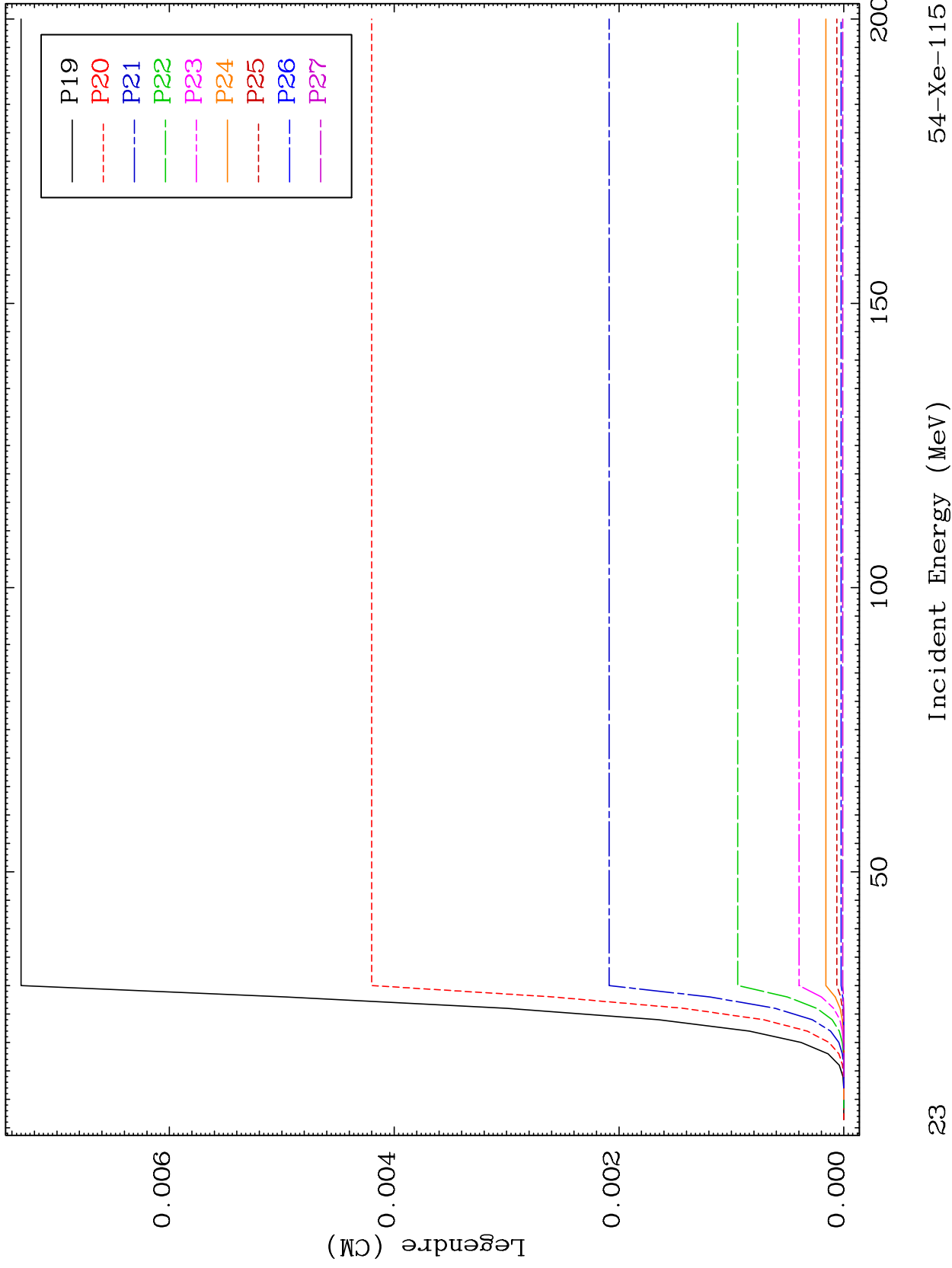
Incident Energy (MeV)

54-Xe-115

MAT 5398

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

54-Xe-115



23

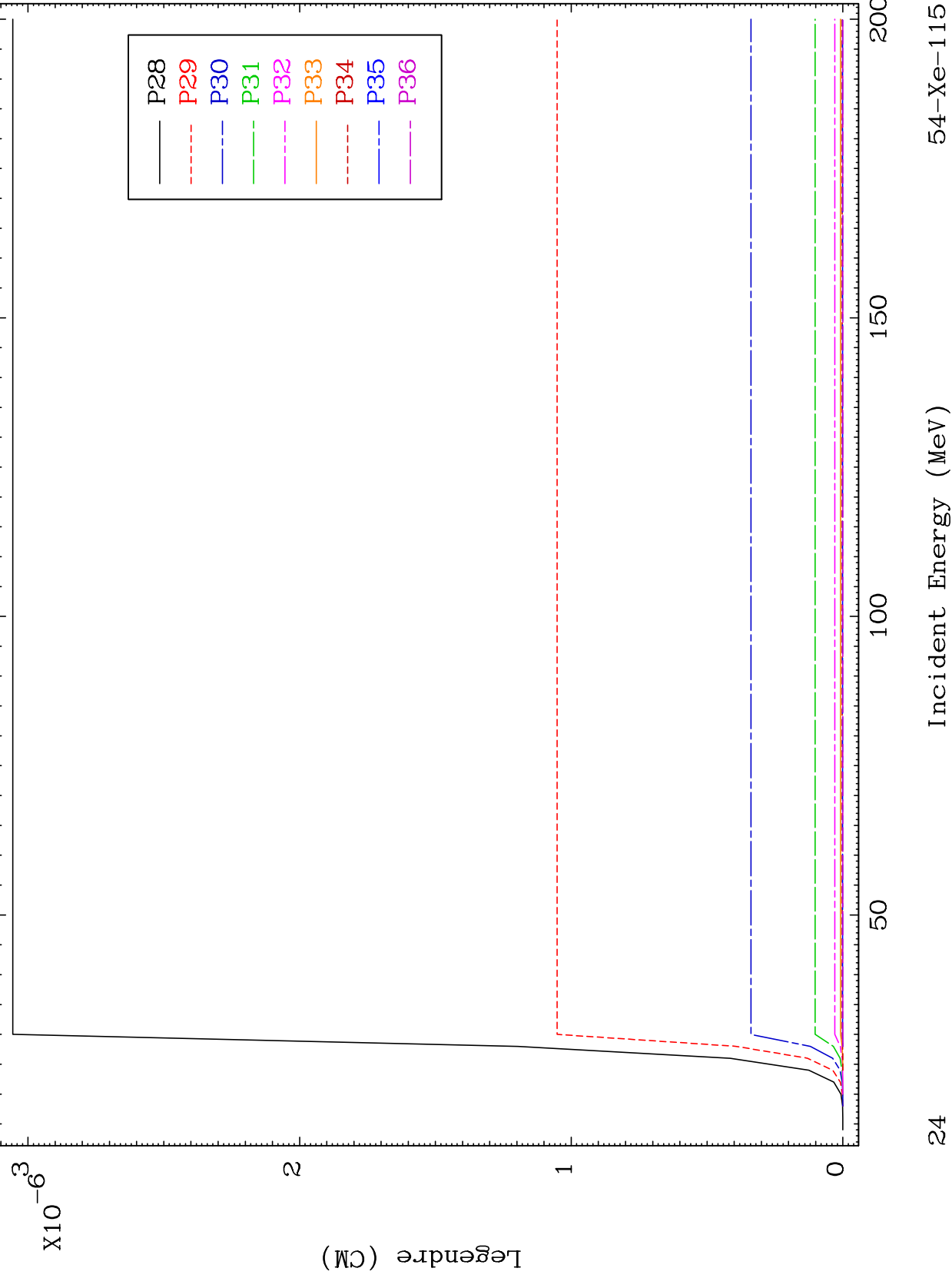
Incident Energy (MeV)

54-Xe-115

MAT 5398

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

54-Xe-115



24

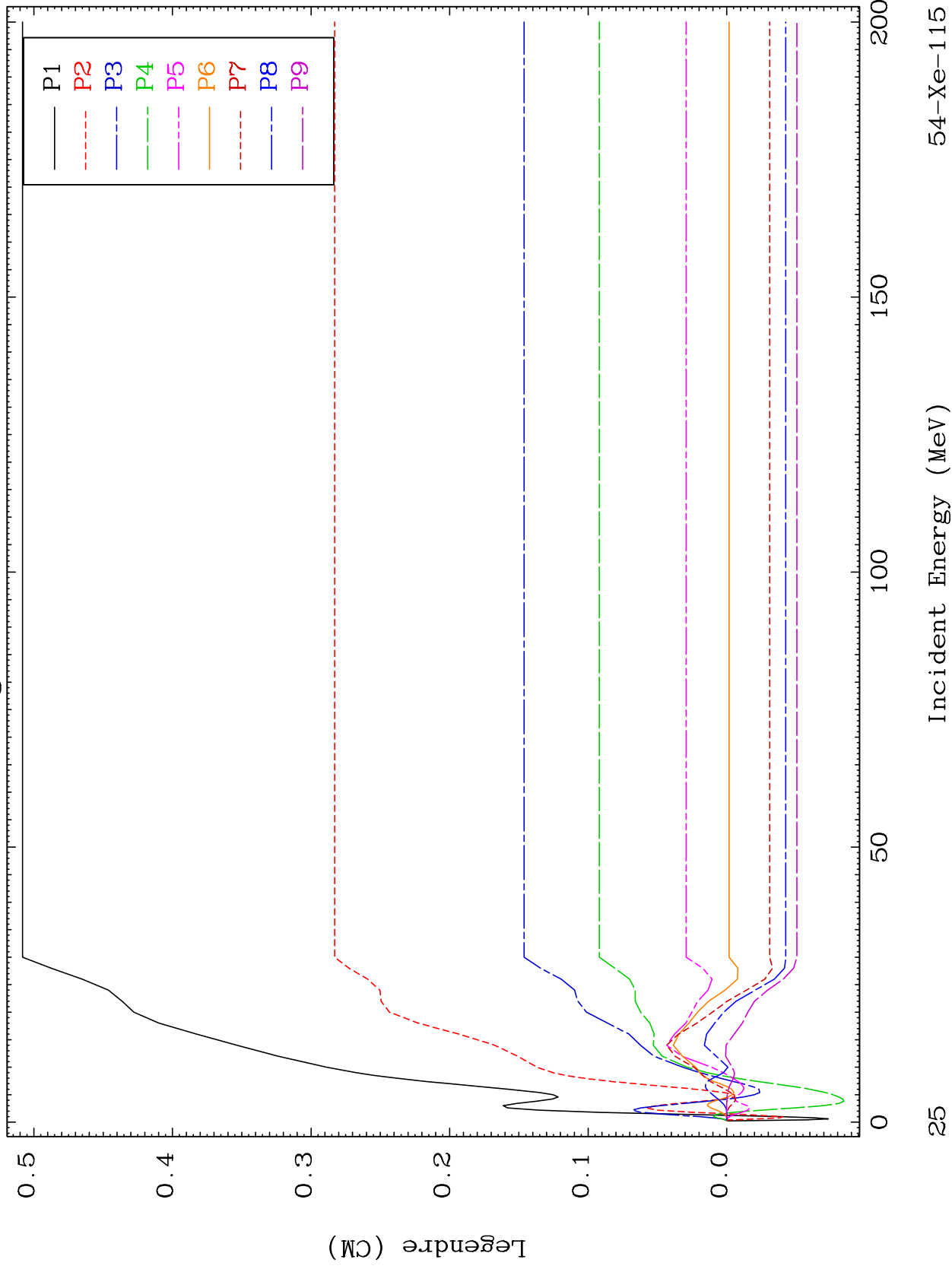
Incident Energy (MeV)

54-Xe-115

MAT 5398

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

54-Xe-115



54-Xe-115

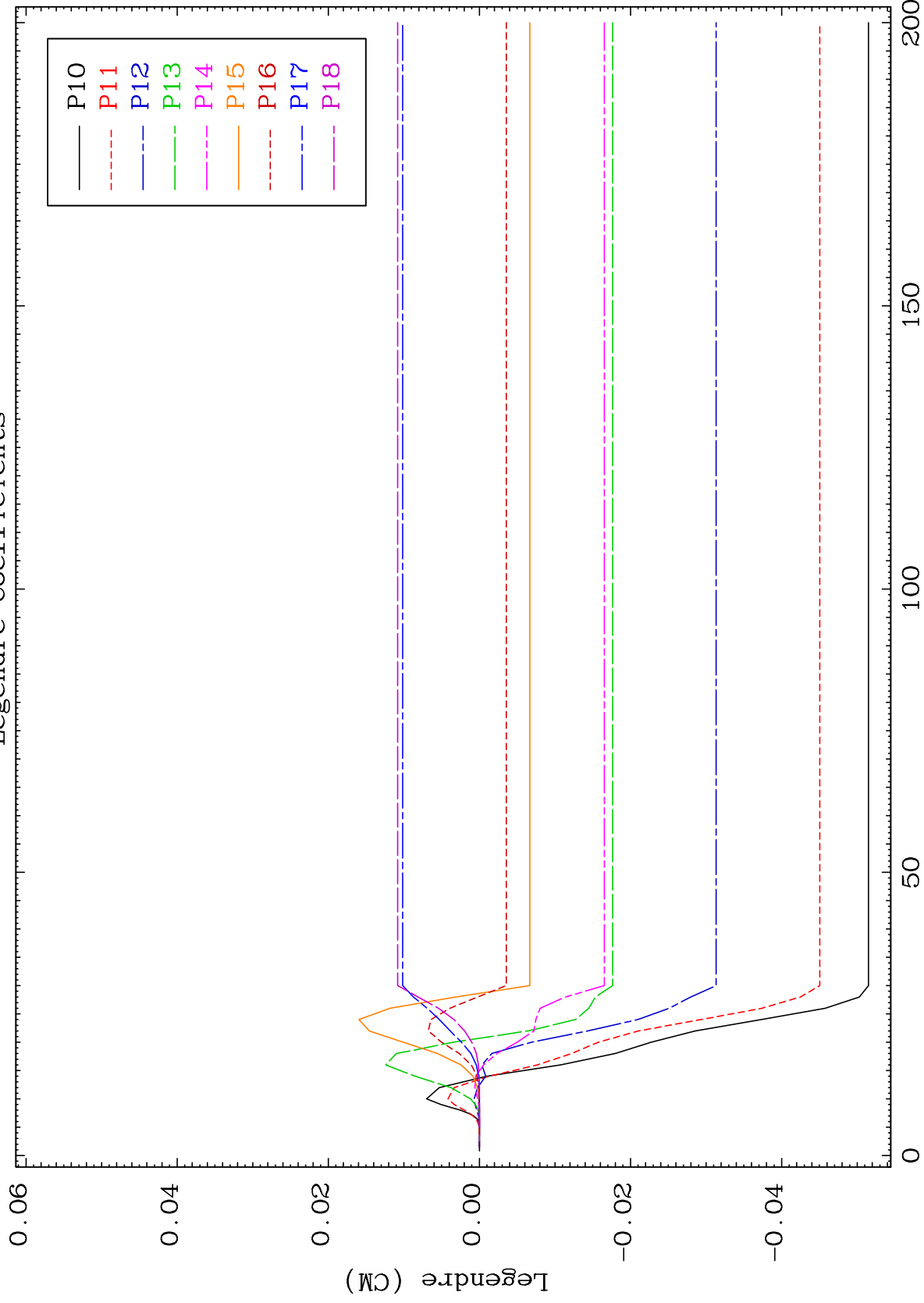
Incident Energy (MeV)

25

MAT 5398

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

54-Xe-115



26

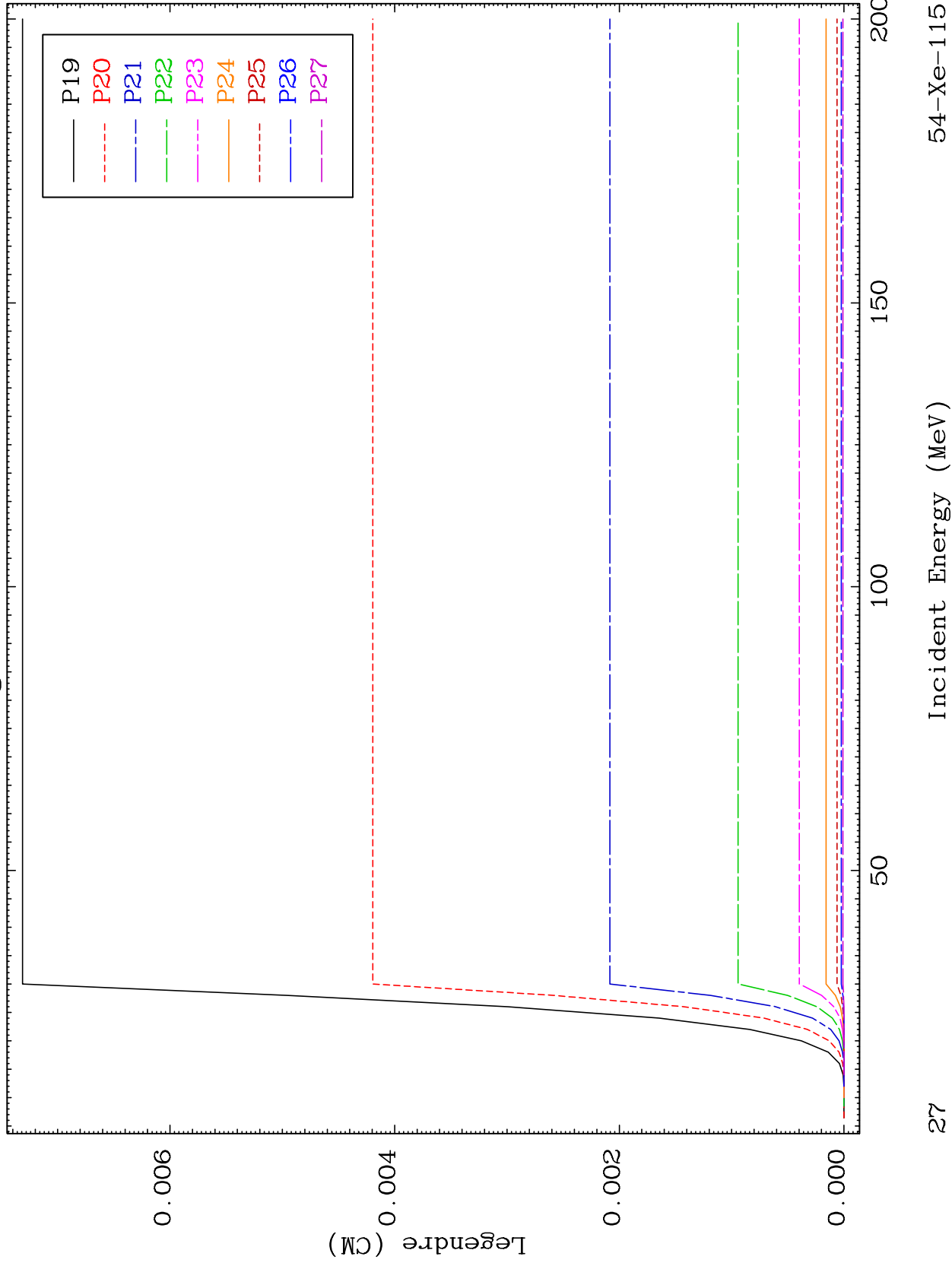
Incident Energy (MeV)

54-Xe-115

MAT 5398

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

54-Xe-115



27

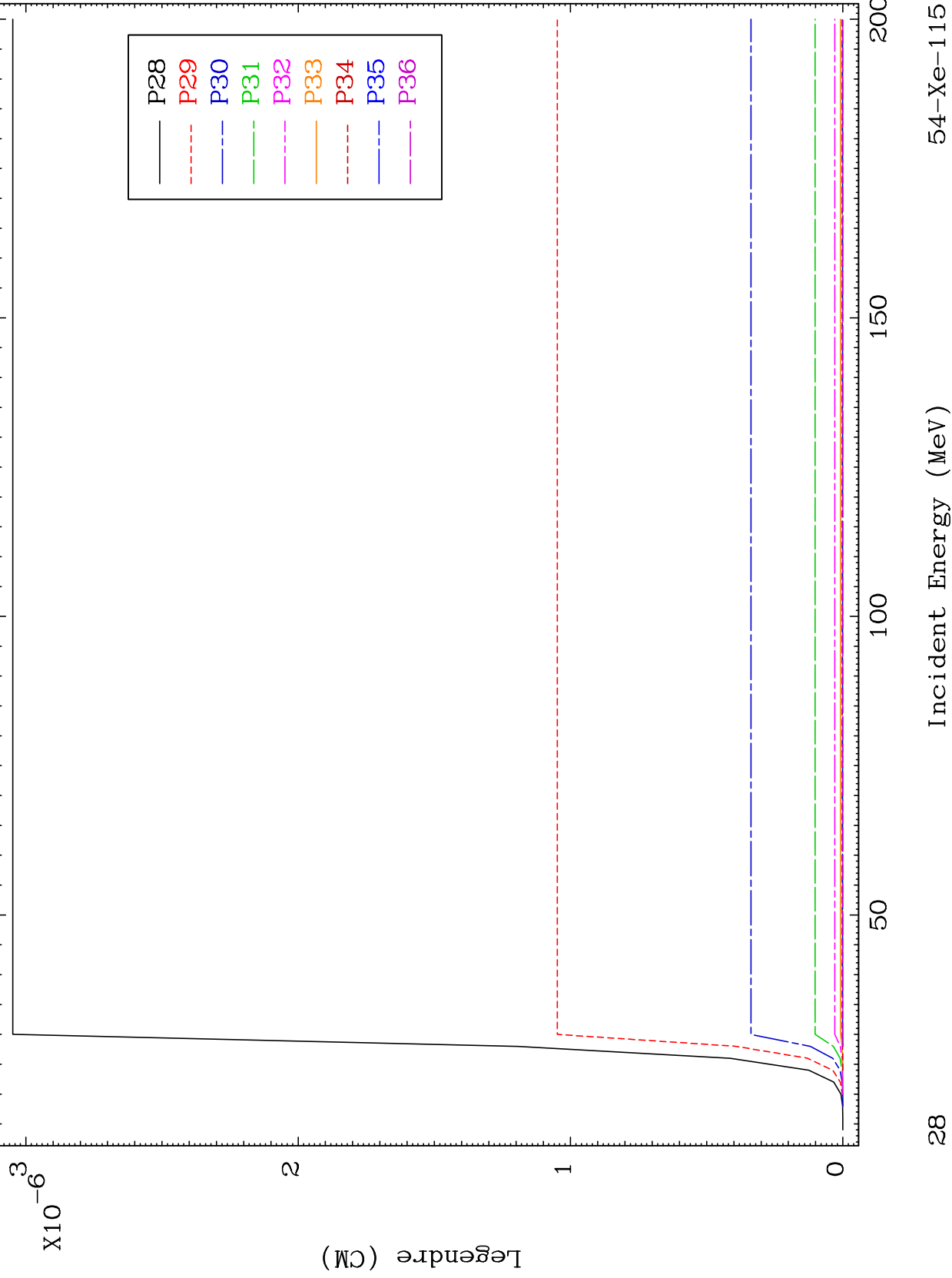
Incident Energy (MeV)

54-Xe-115

MAT 5398

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

54-Xe-115



28

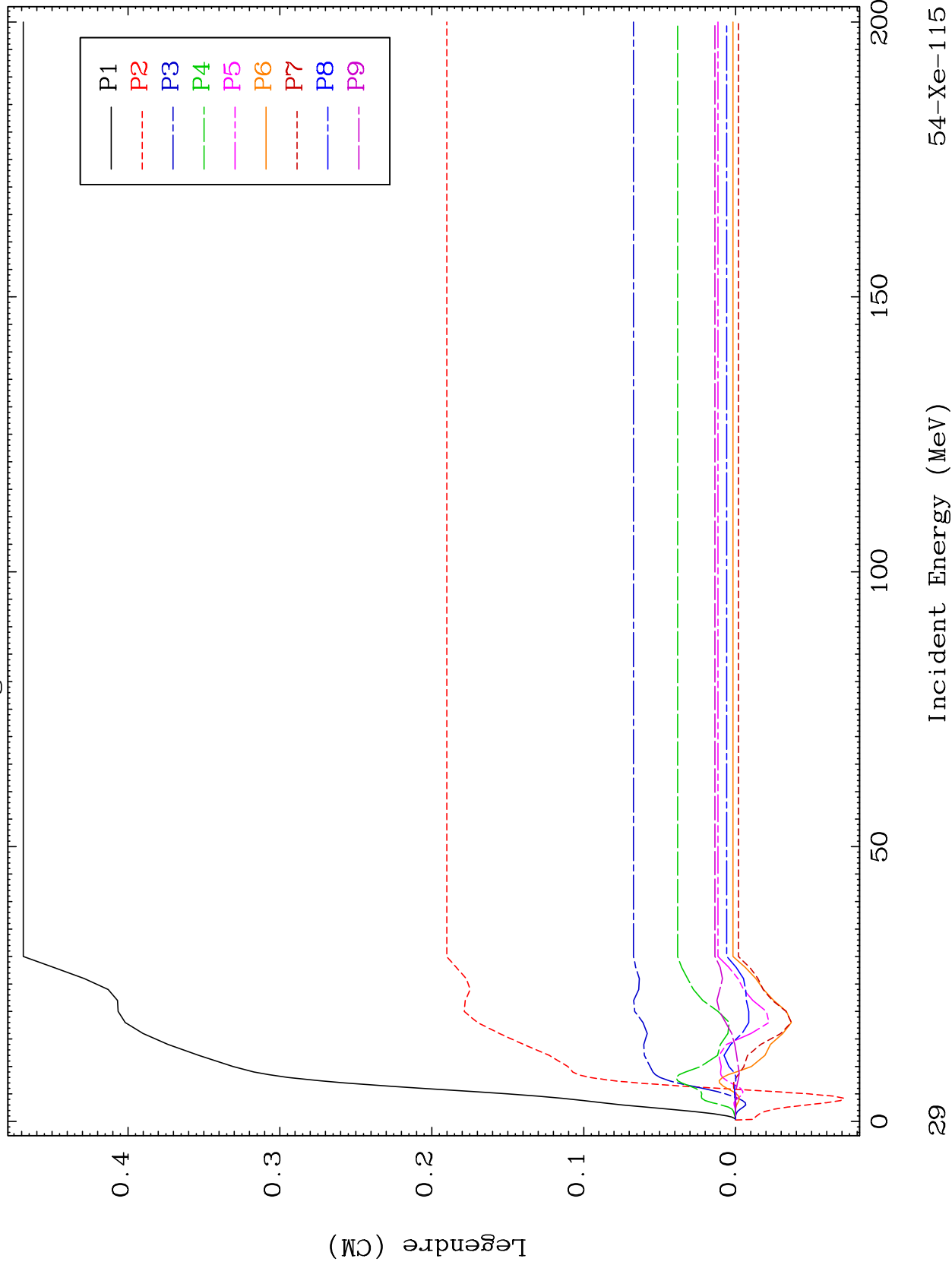
Incident Energy (MeV)

54-Xe-115

MAT 5398

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

54-Xe-115



54-Xe-115

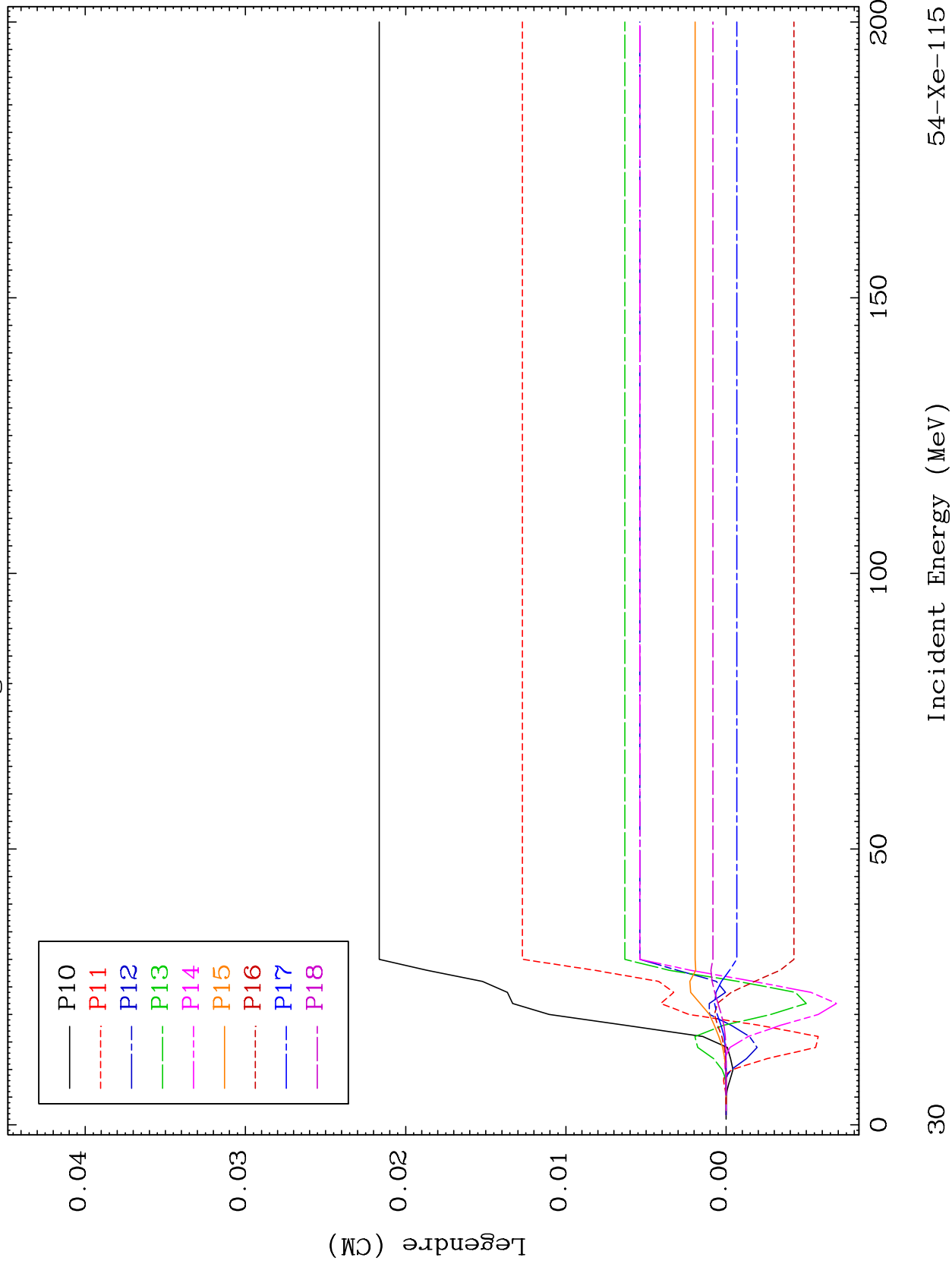
Incident Energy (MeV)

29

MAT 5398

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

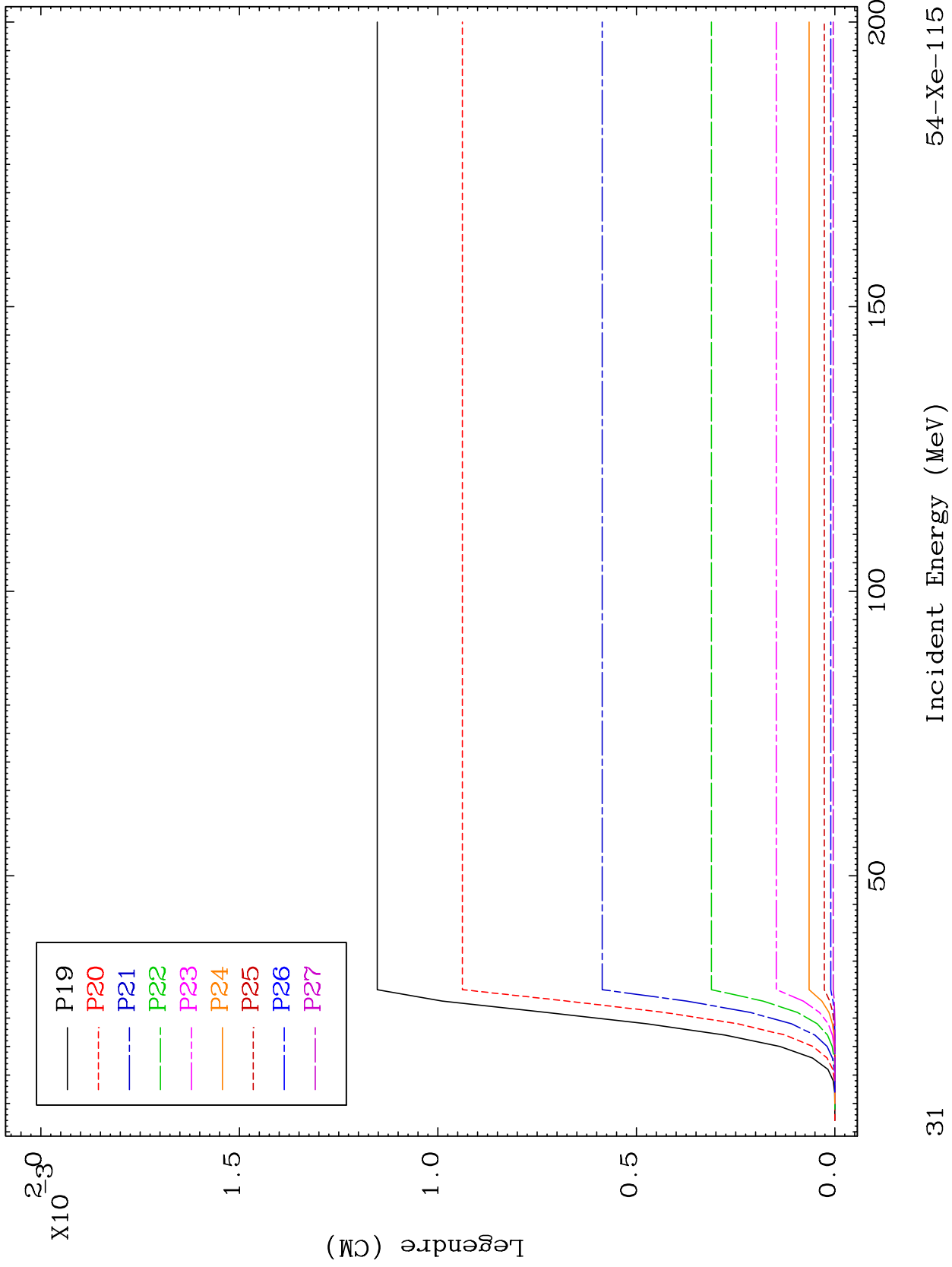
54-Xe-115



MAT 5398

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

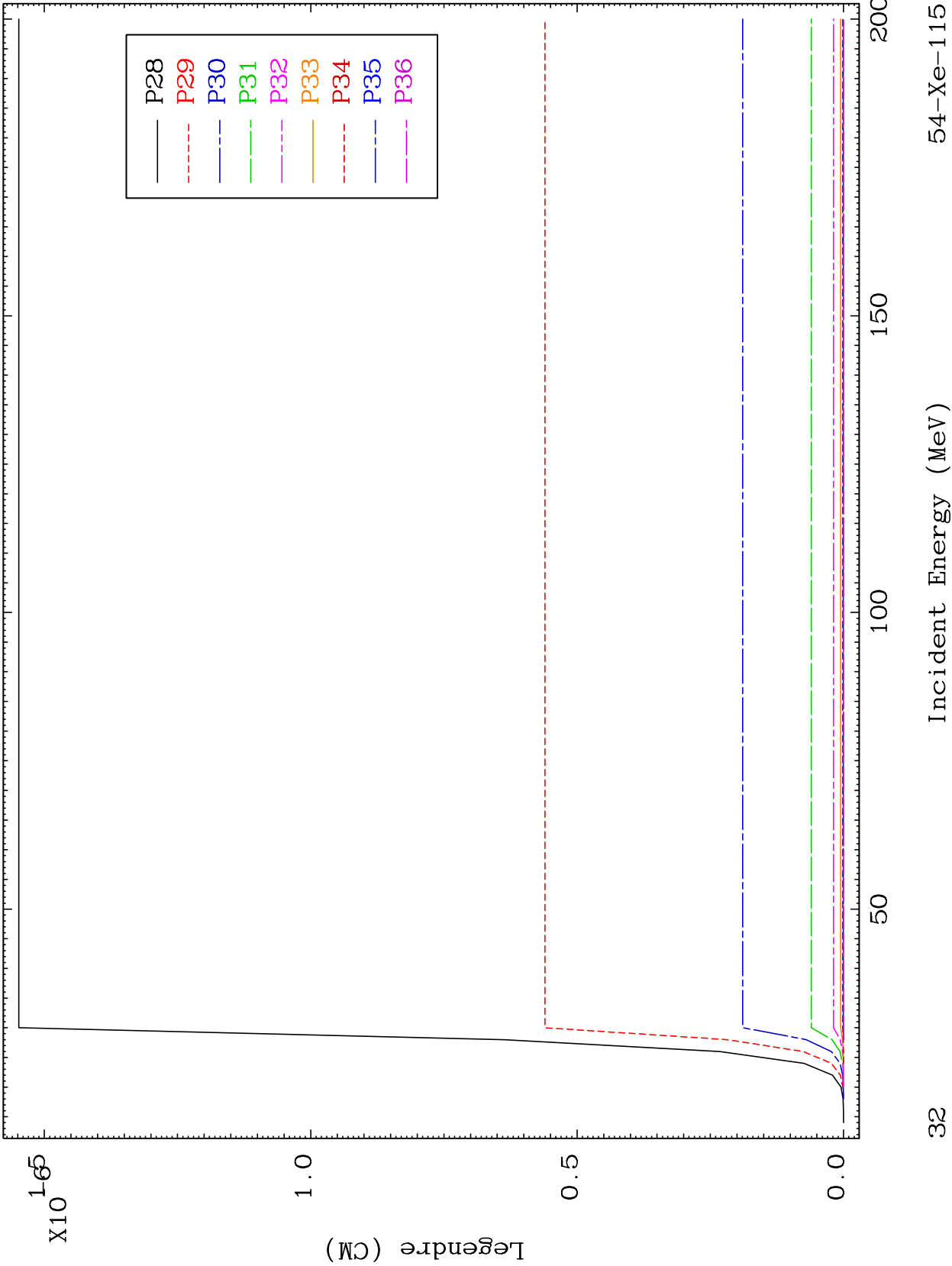
54-Xe-115



MAT 5398

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

54-Xe-115

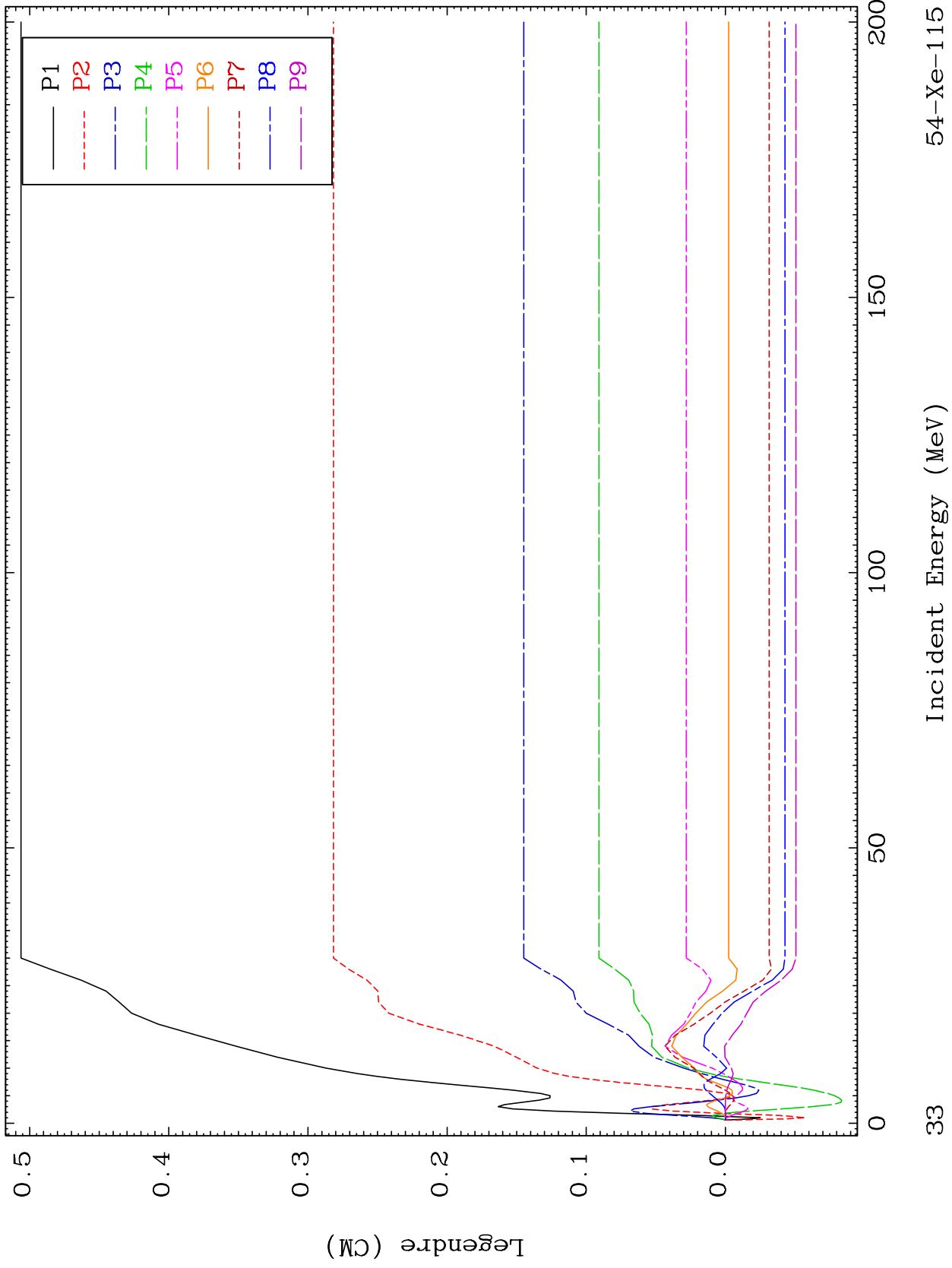


32

MAT 5398

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

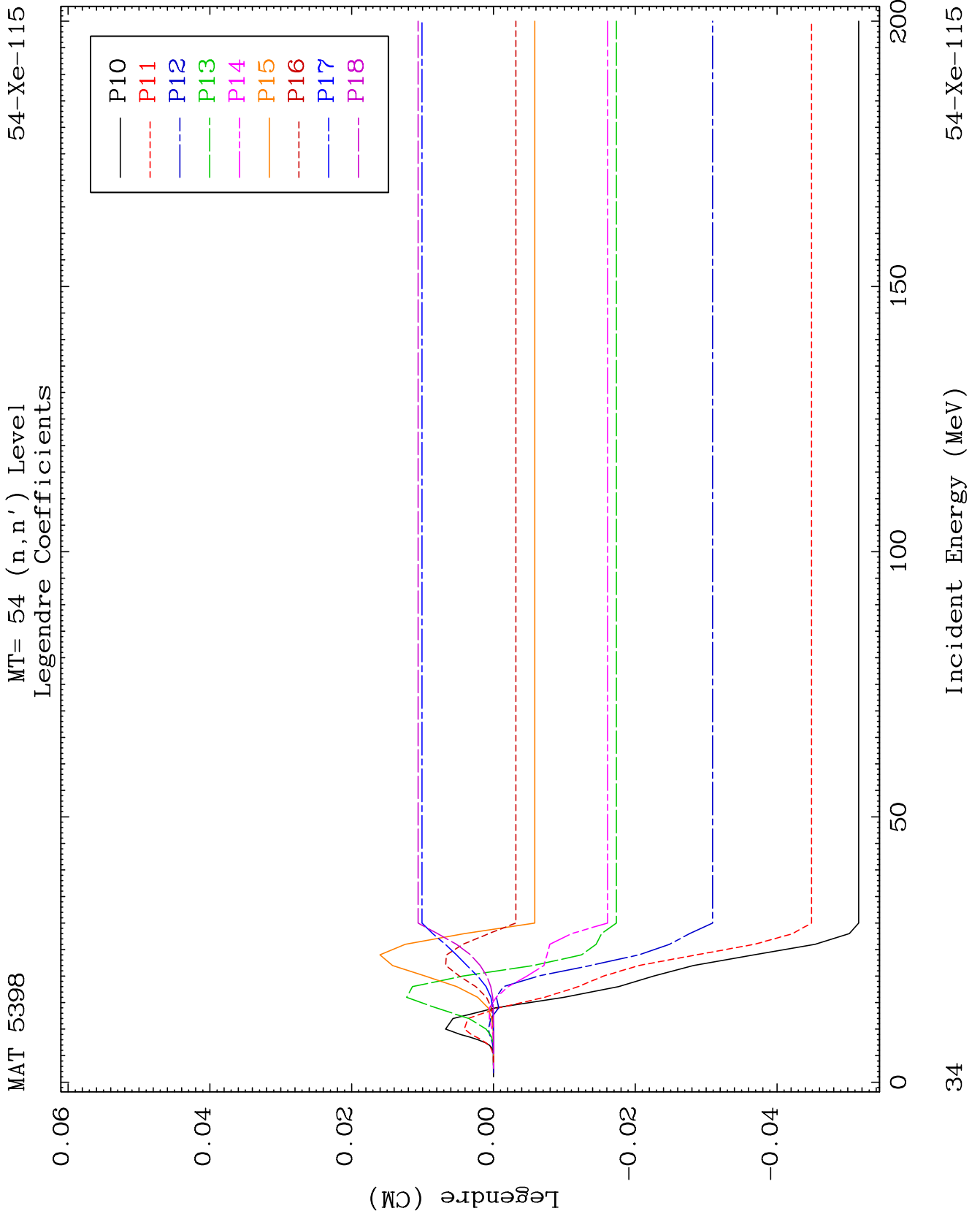
54-Xe-115



33

Incident Energy (MeV)

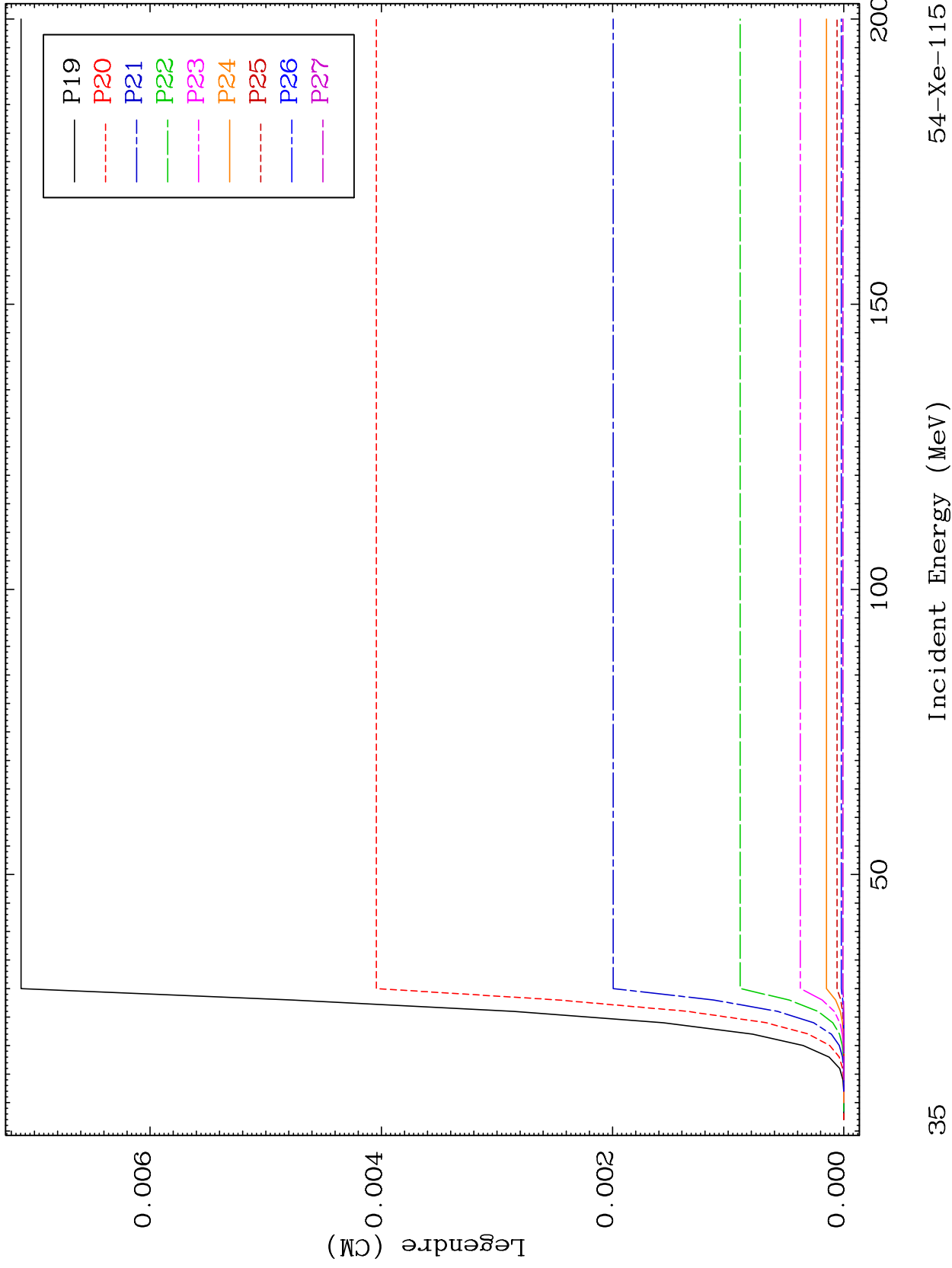
54-Xe-115



MAT 5398

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

54-Xe-115



54-Xe-115

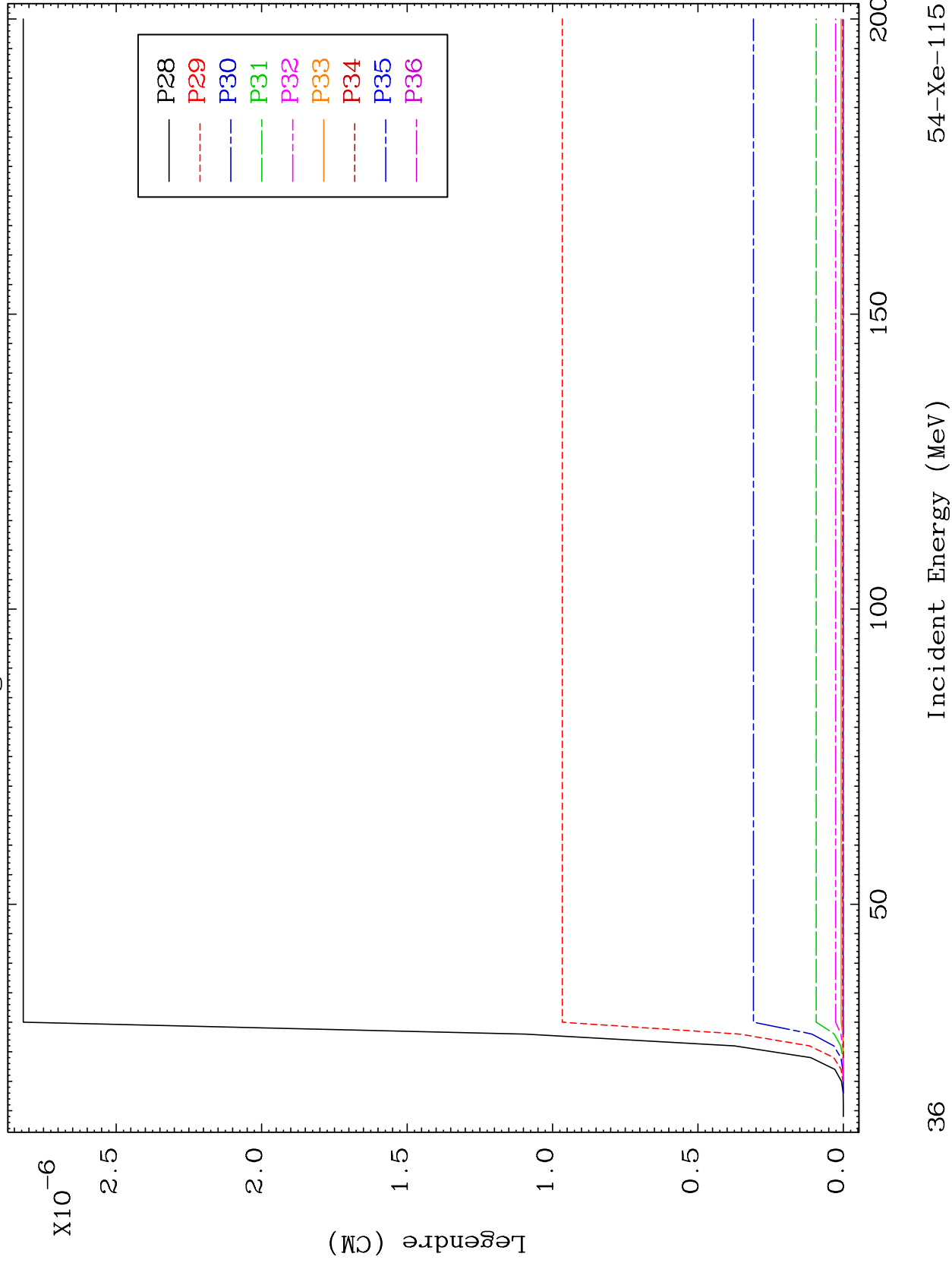
Incident Energy (MeV)

35

MAT 5398

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

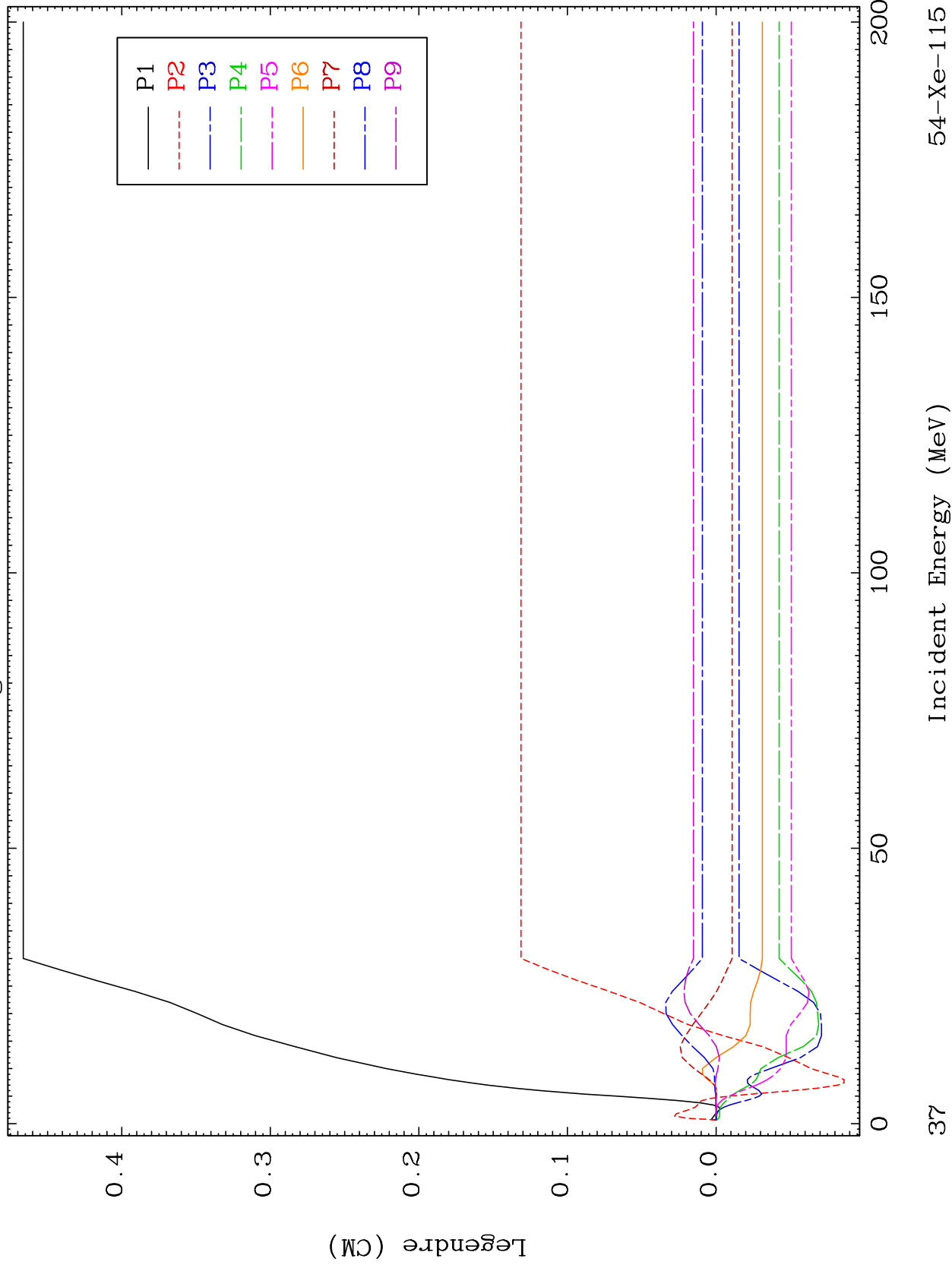
54-Xe-115



MAT 5398

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

54-Xe-115



54-Xe-115

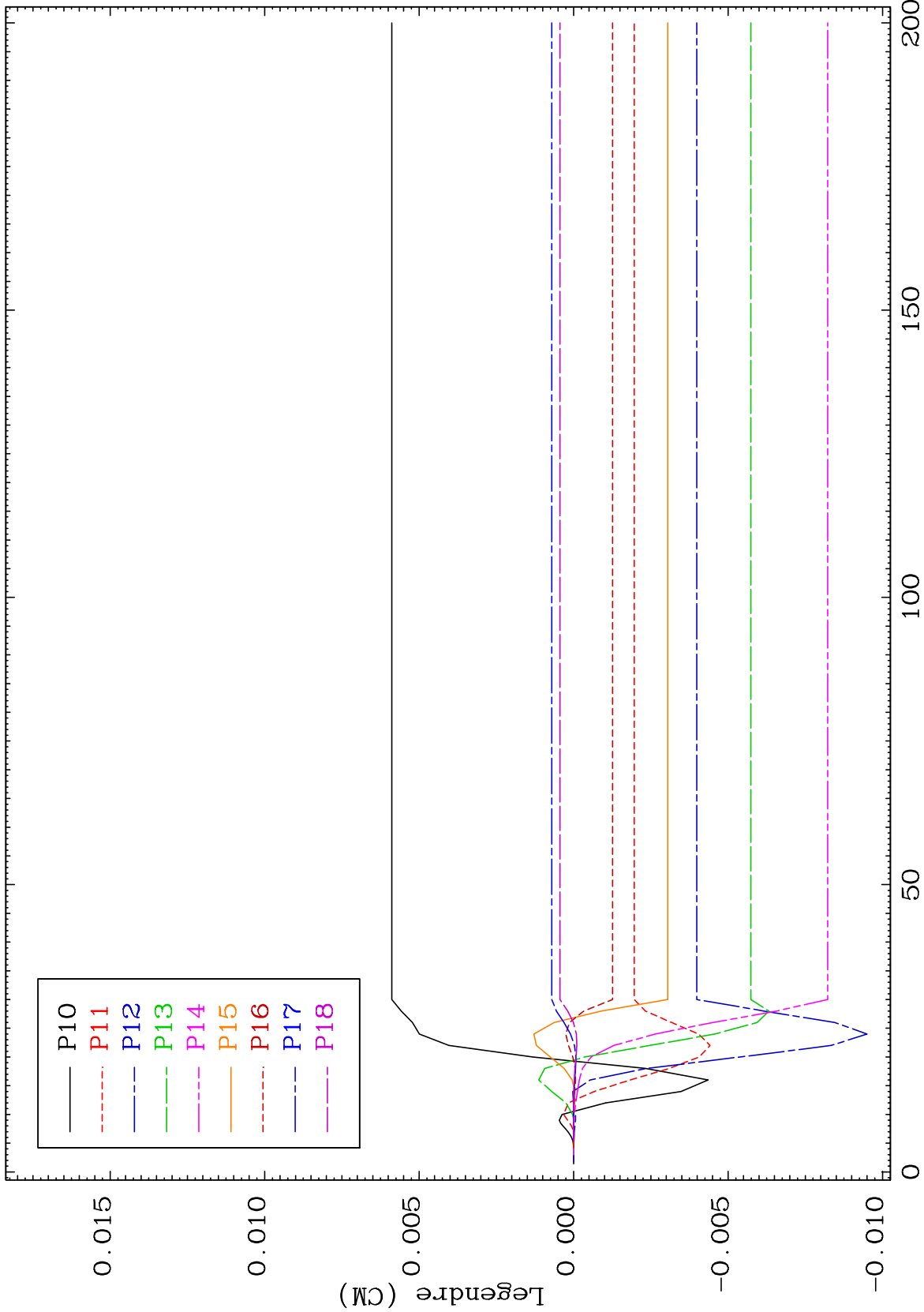
Incident Energy (MeV)

37

MAT 5398

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

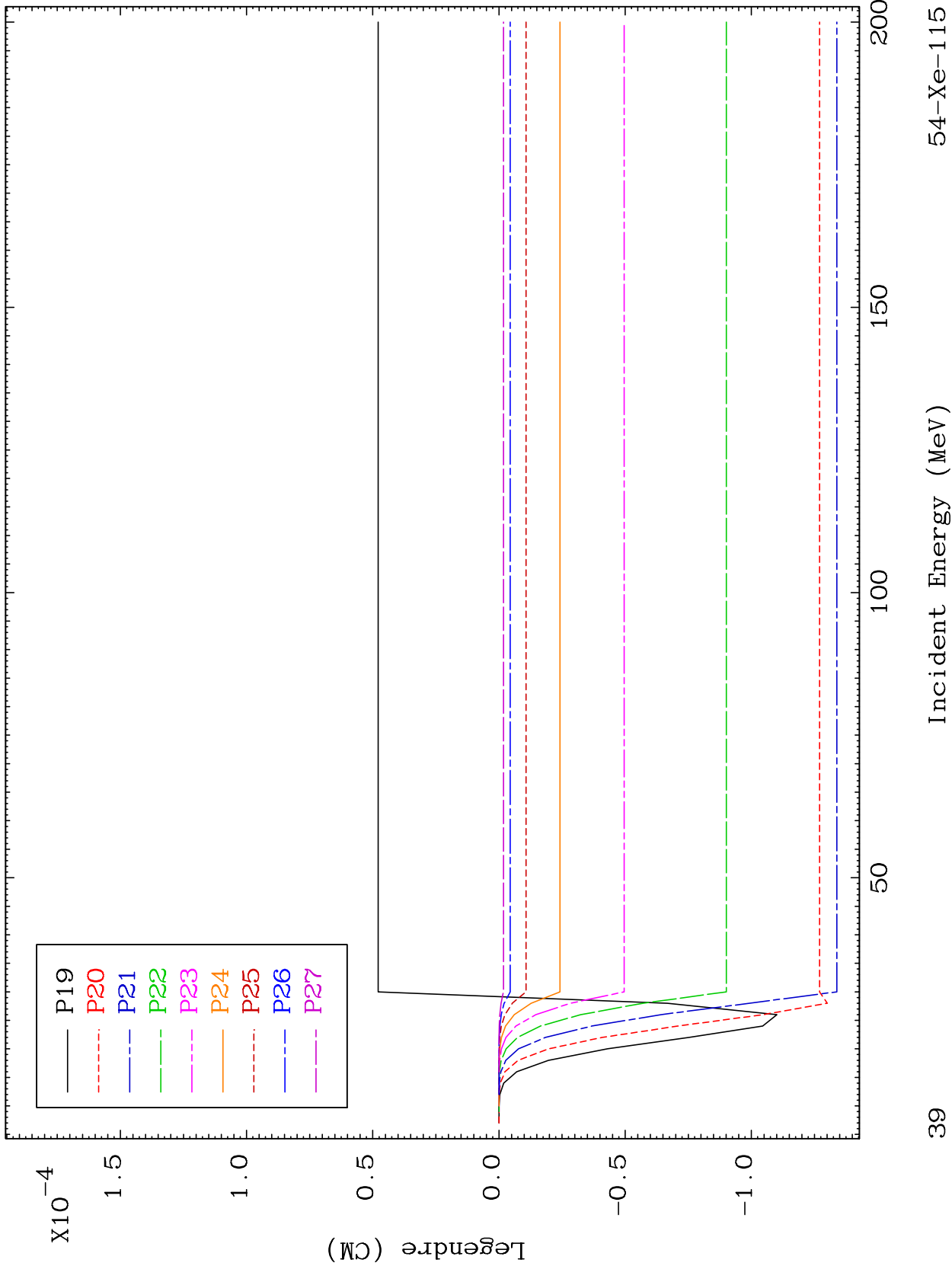
54-Xe-115



38

Incident Energy (MeV)

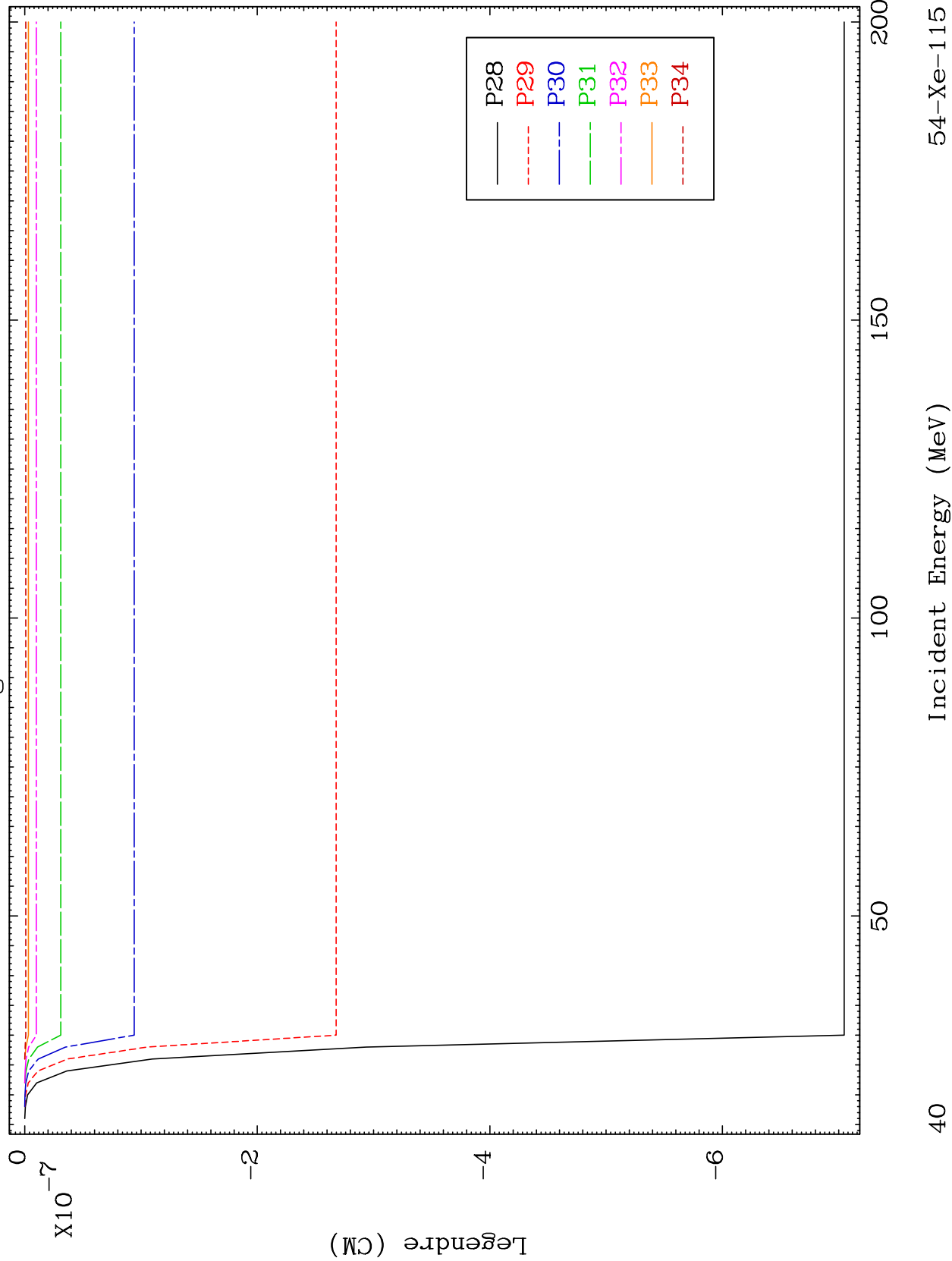
54-Xe-115



MAT 5398

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

54-Xe-115



40

50

100

150

200

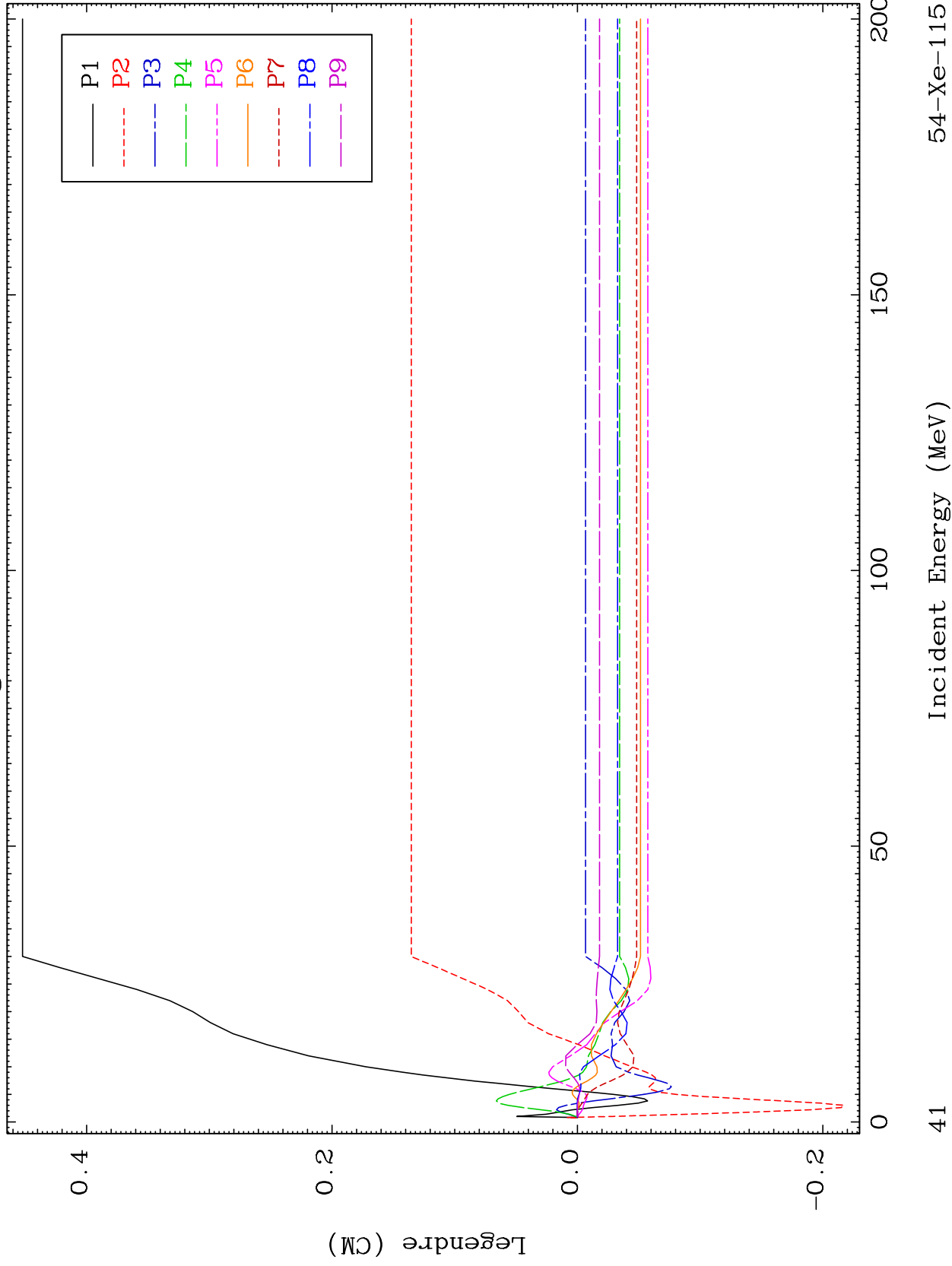
Incident Energy (MeV)

54-Xe-115

MAT 5398

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

54-Xe-115



54-Xe-115

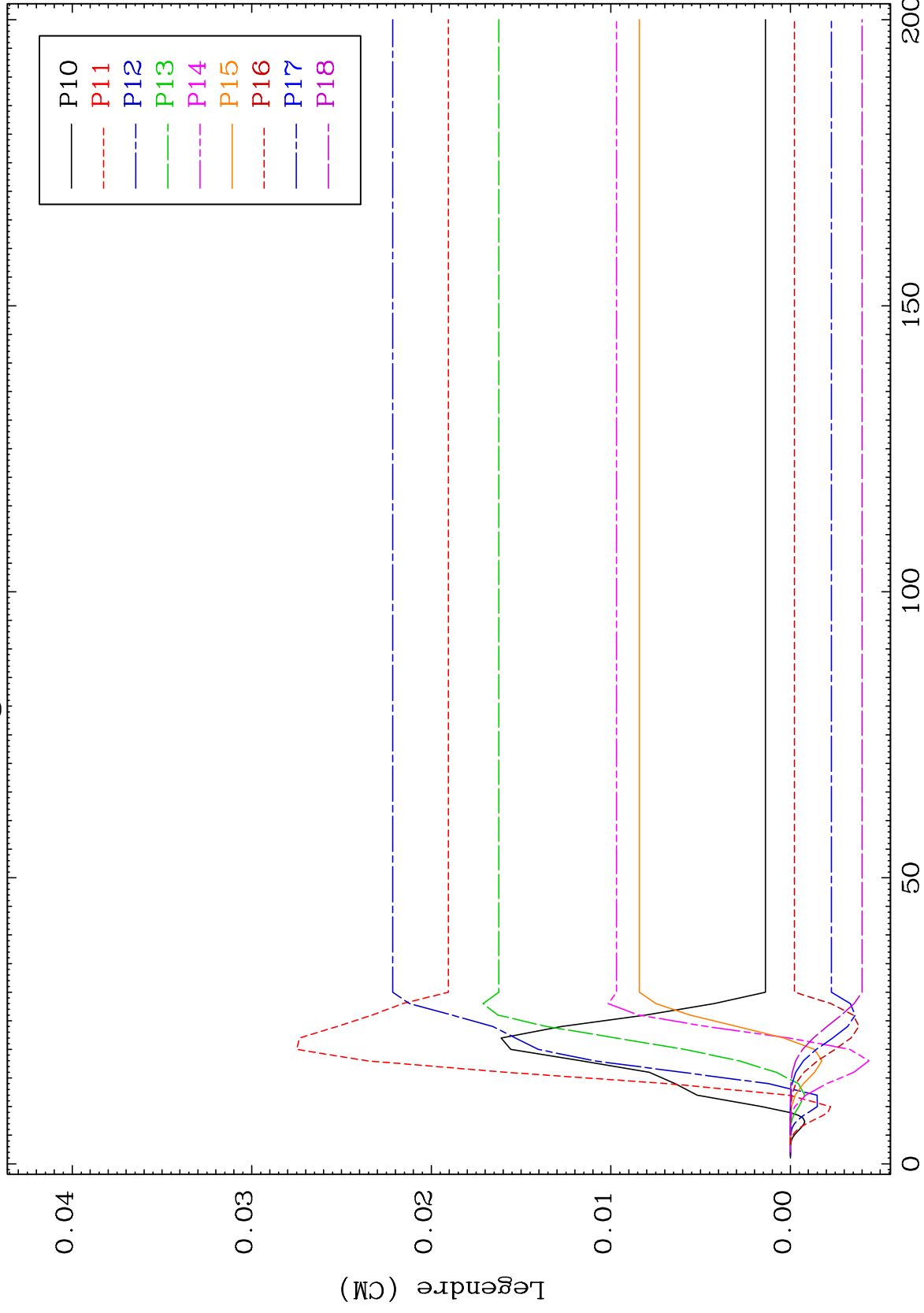
Incident Energy (MeV)

41

MAT 5398

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

54-Xe-115



54-Xe-115

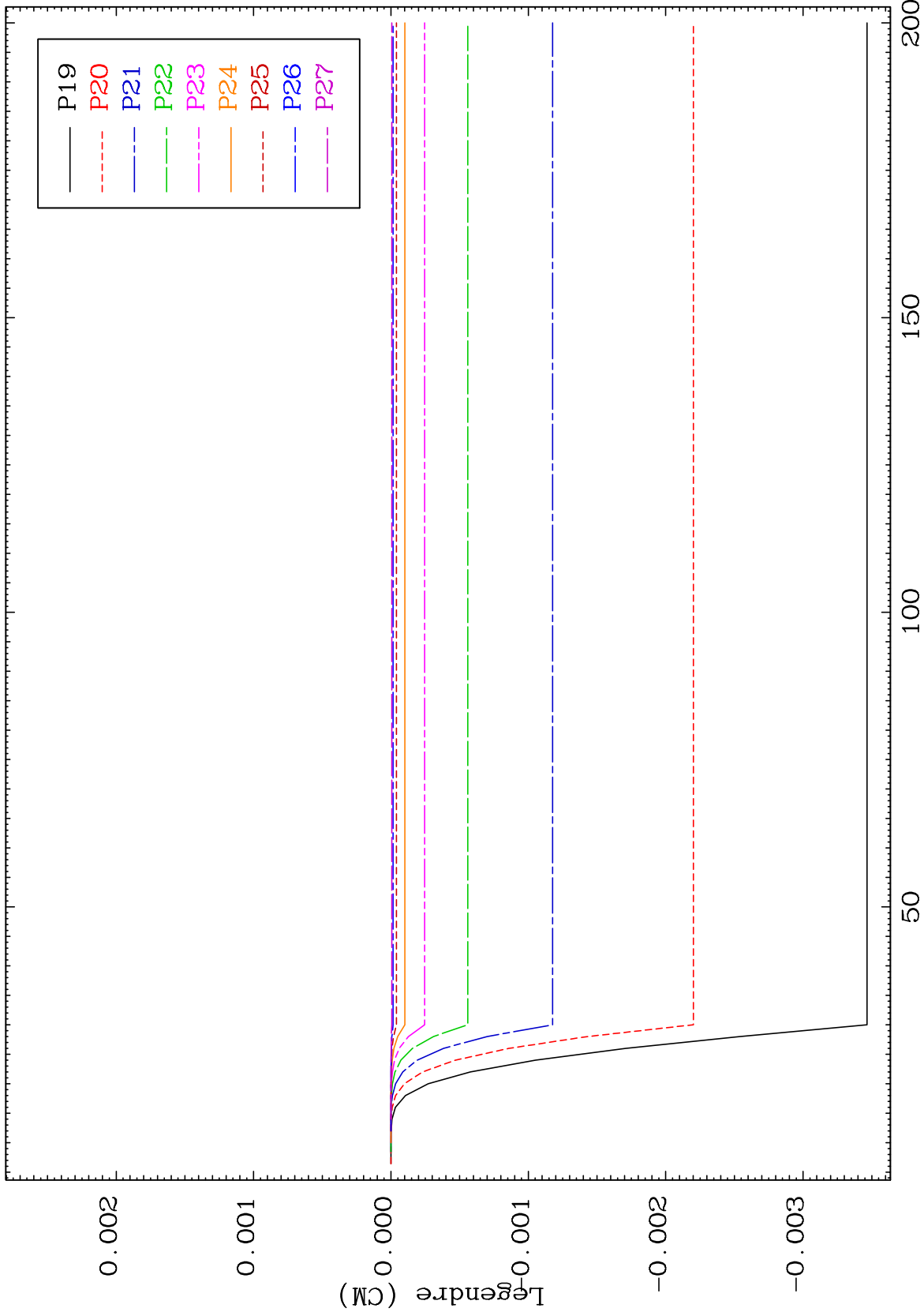
Incident Energy (MeV)

42

MAT 5398

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

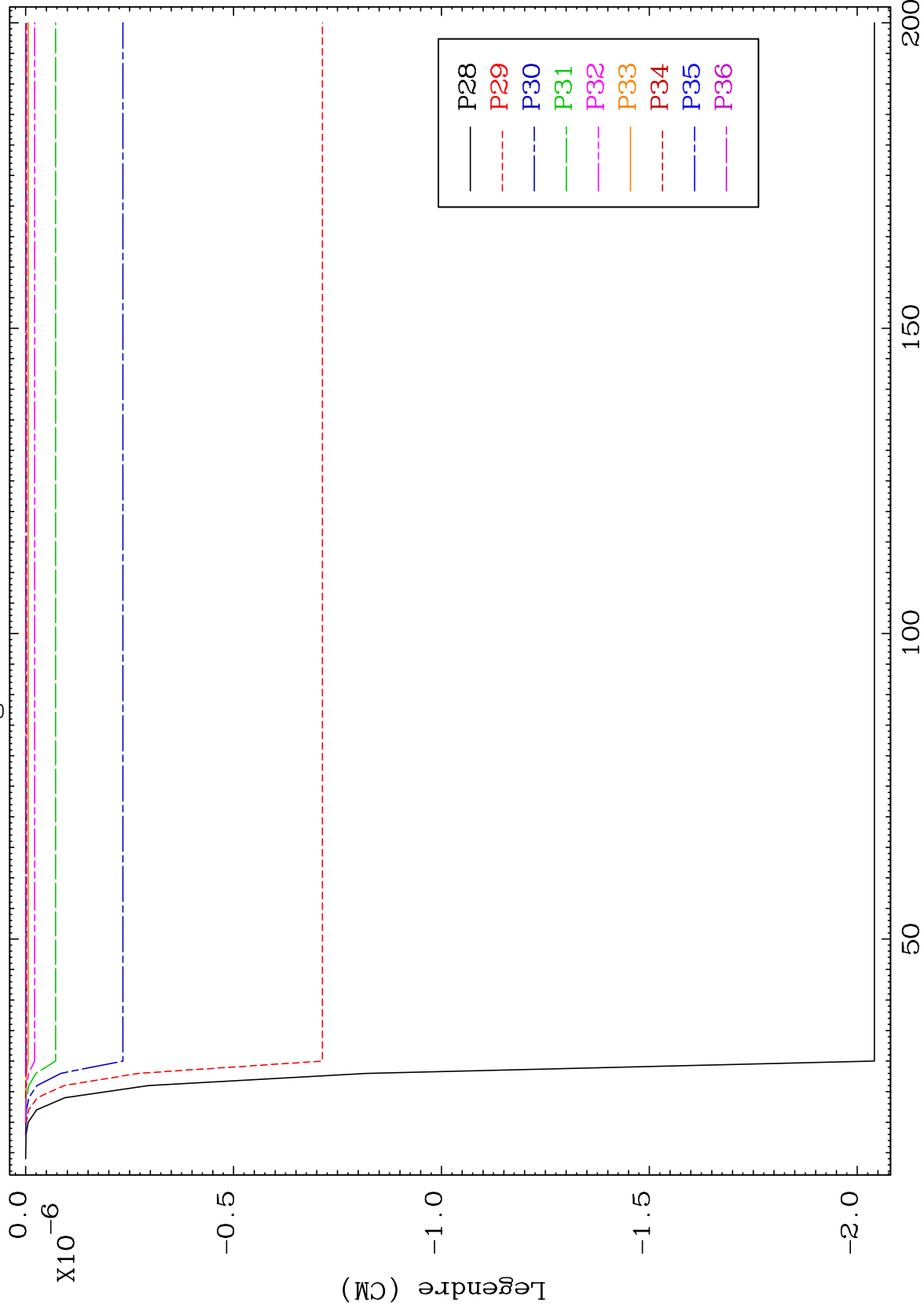
54-Xe-115



MAT 5398

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

54-Xe-115



44

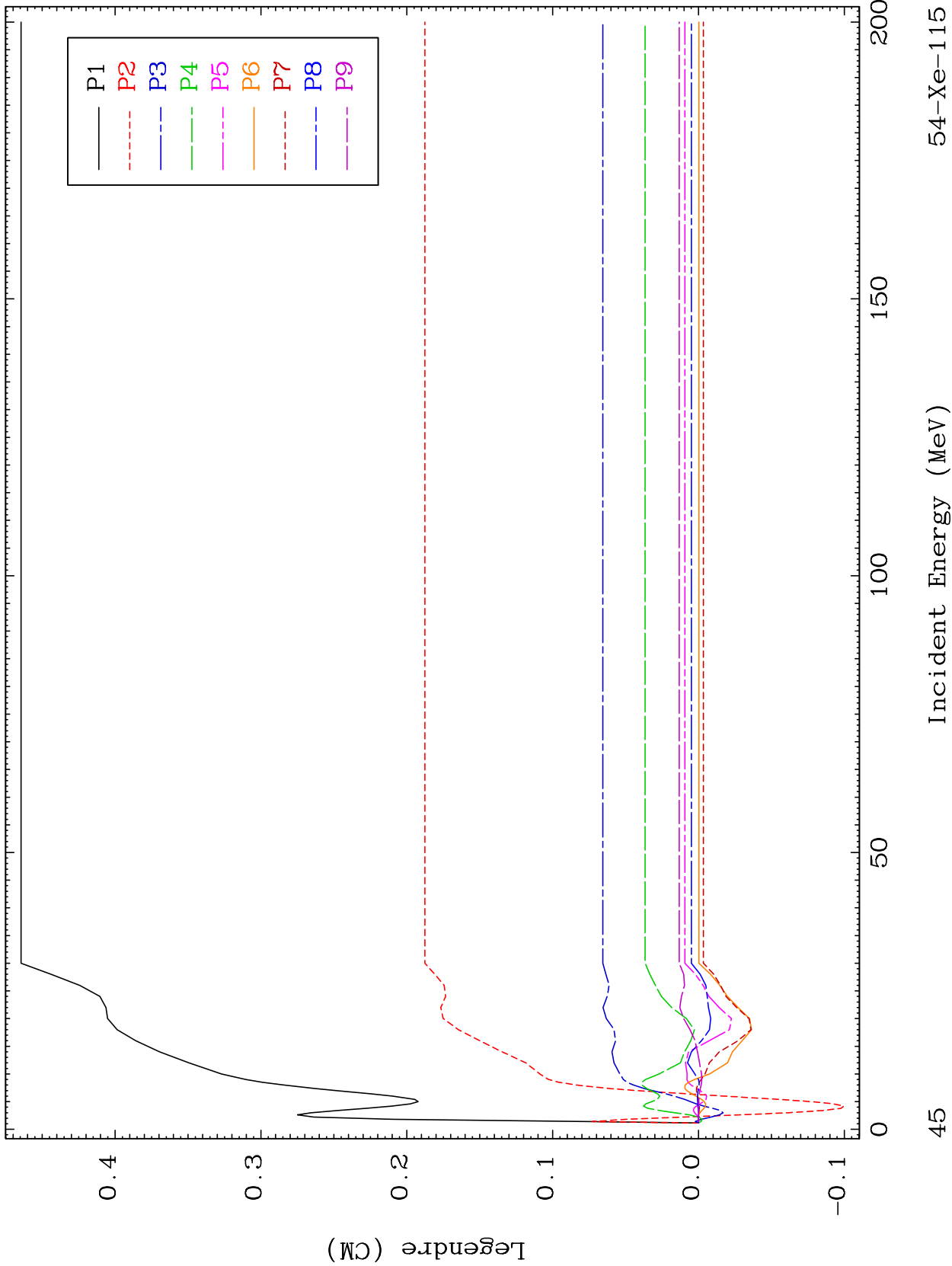
Incident Energy (MeV)

54-Xe-115

MAT 5398

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

54-Xe-115



54-Xe-115

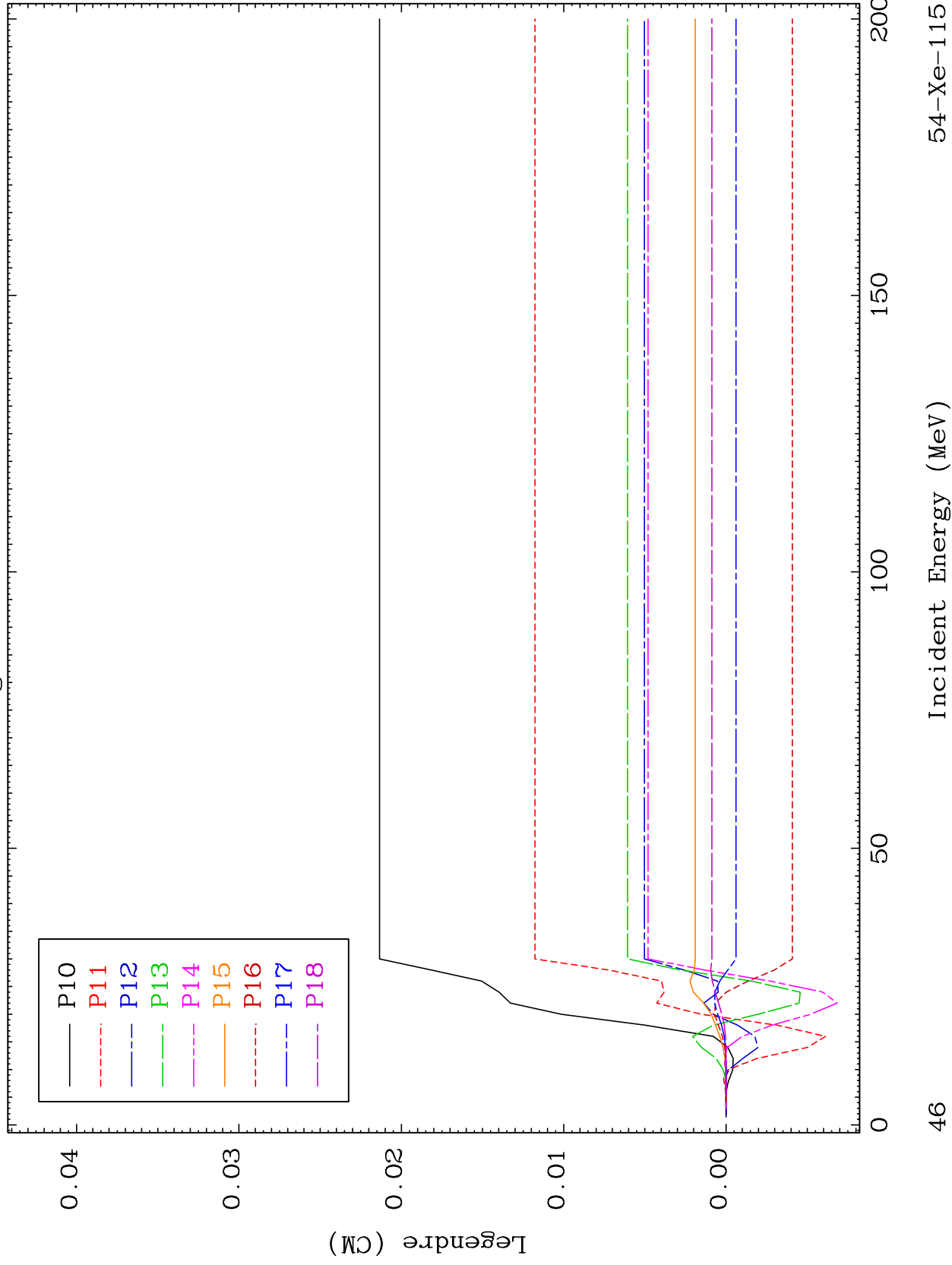
Incident Energy (MeV)

45

MAT 5398

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

54-Xe-115



46

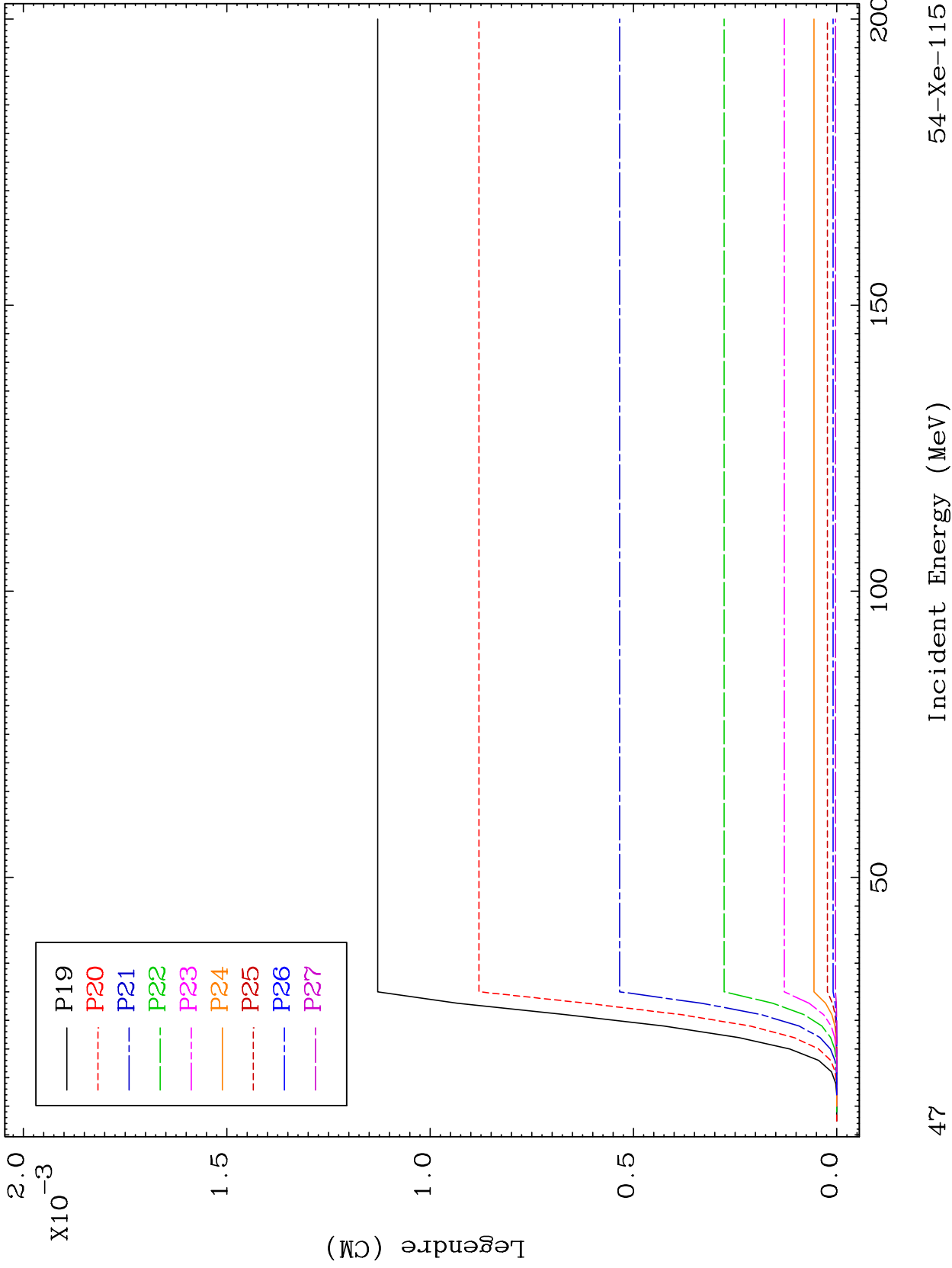
Incident Energy (MeV)

54-Xe-115

MAT 5398

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

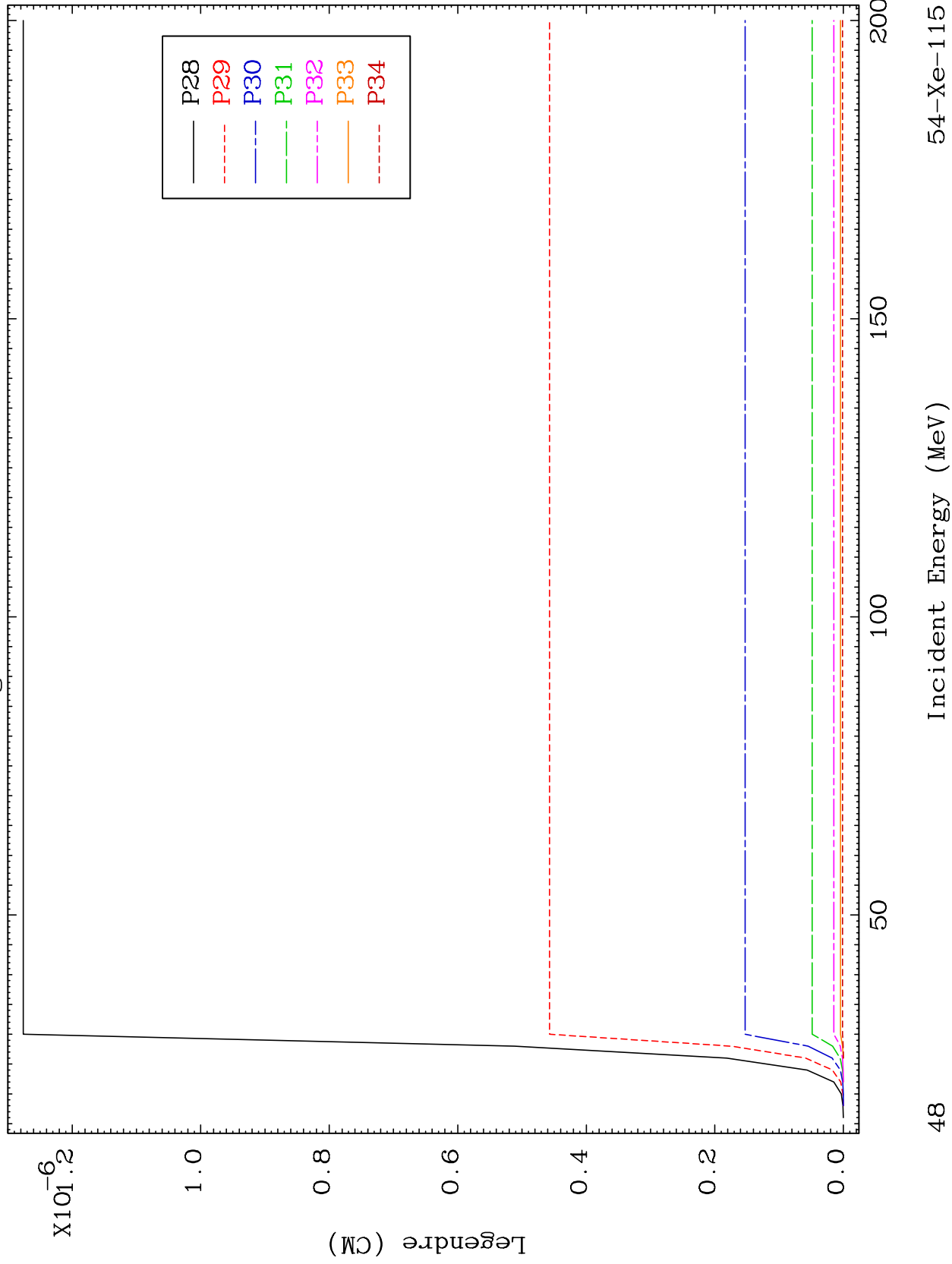
54-Xe-115



MAT 5398

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

54-Xe-115



48

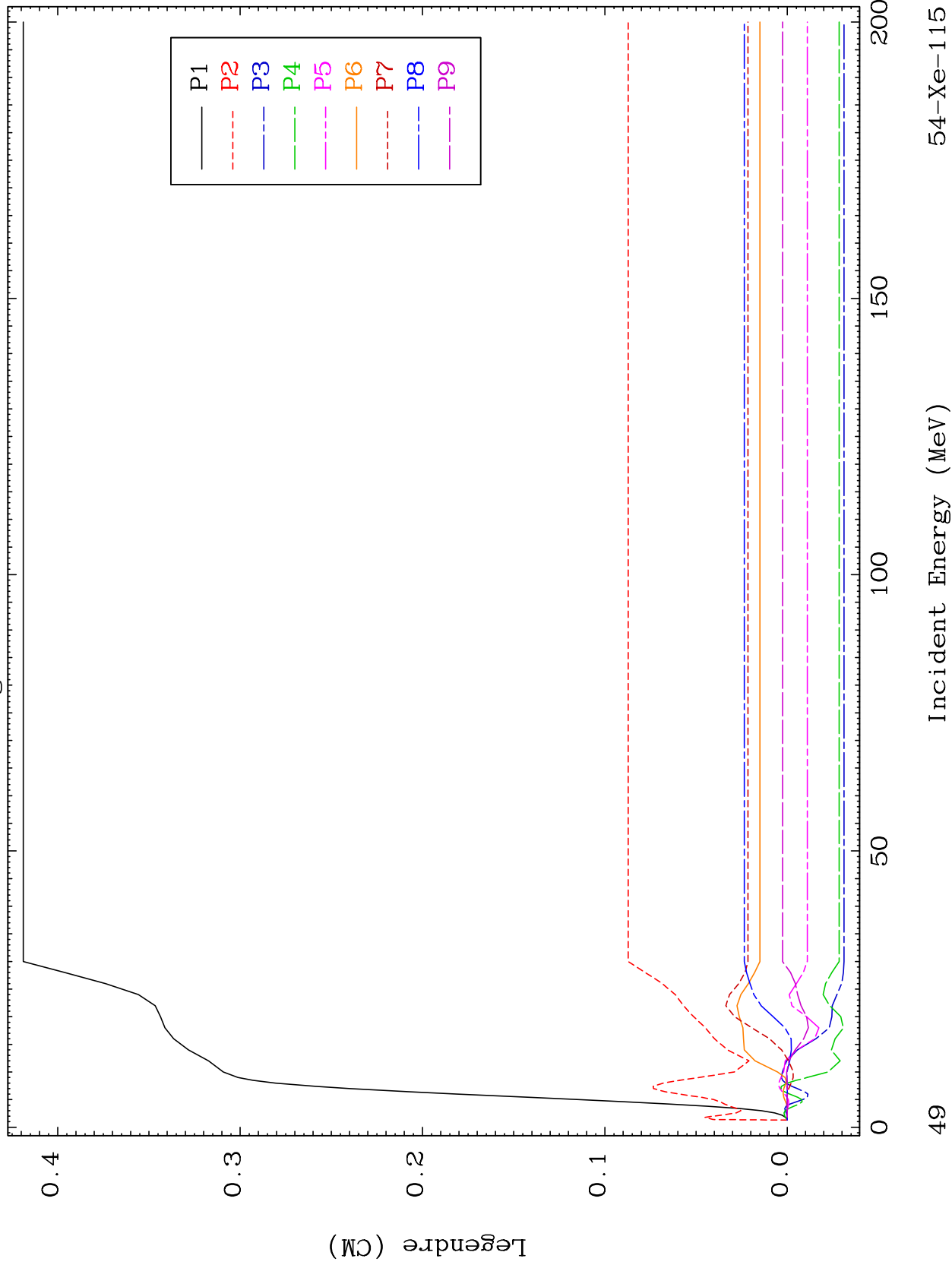
Incident Energy (MeV)

54-Xe-115

MAT 5398

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

54-Xe-115



54-Xe-115

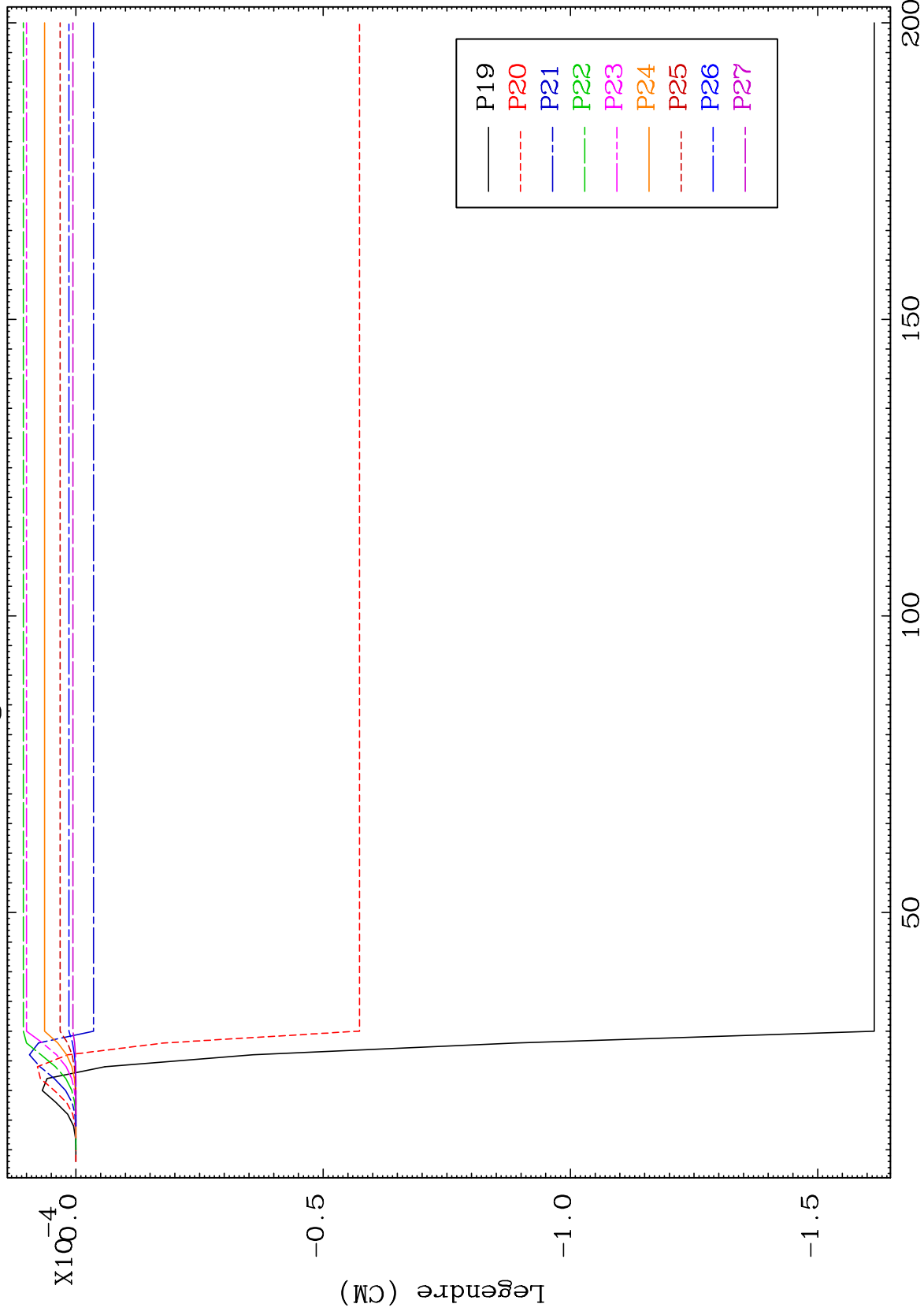
Incident Energy (MeV)

49

MAT 5398

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

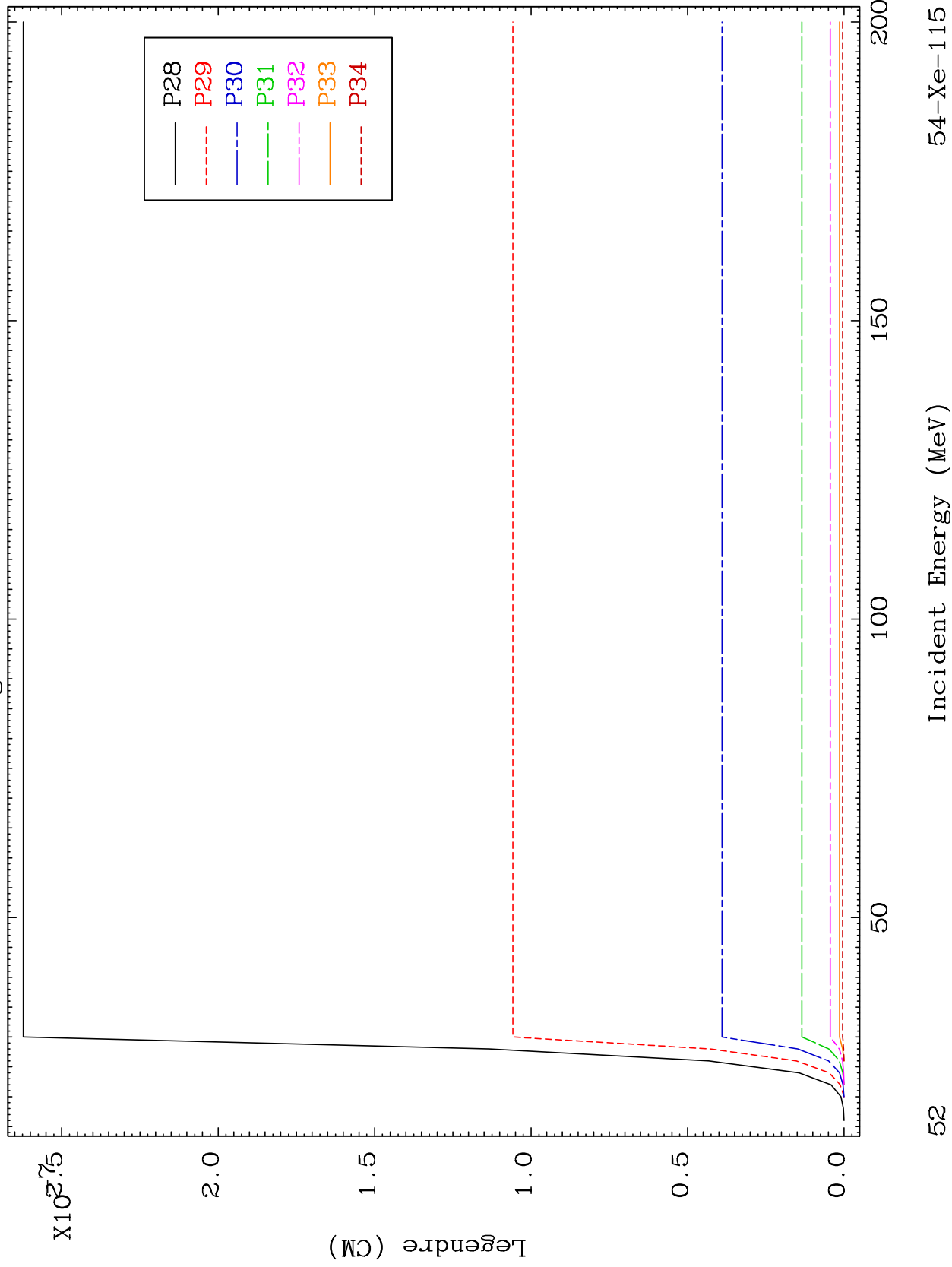
54-Xe-115



MAT 5398

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

54-Xe-115



52

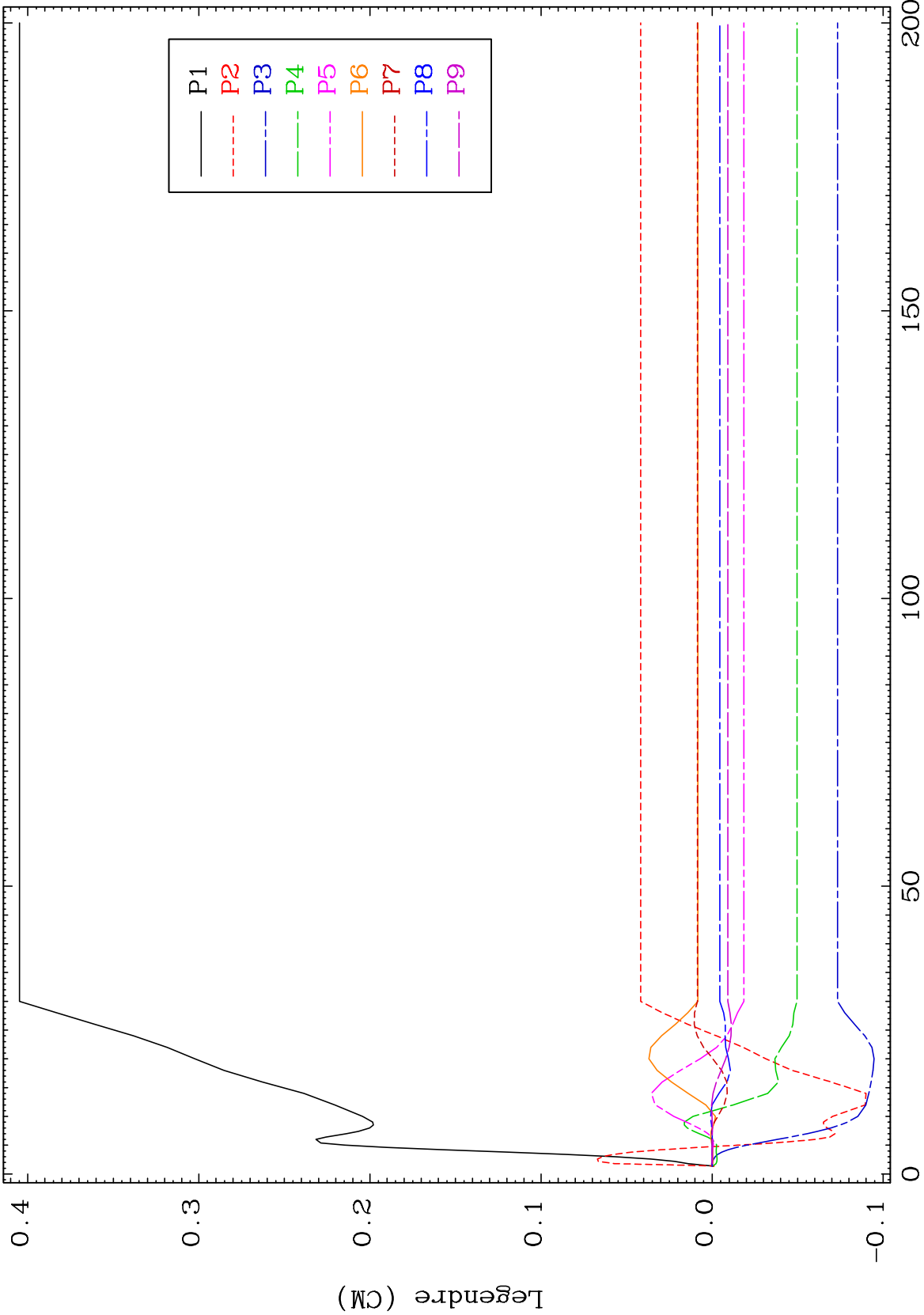
Incident Energy (MeV)

54-Xe-115

MAT 5398

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

54-Xe-115



53

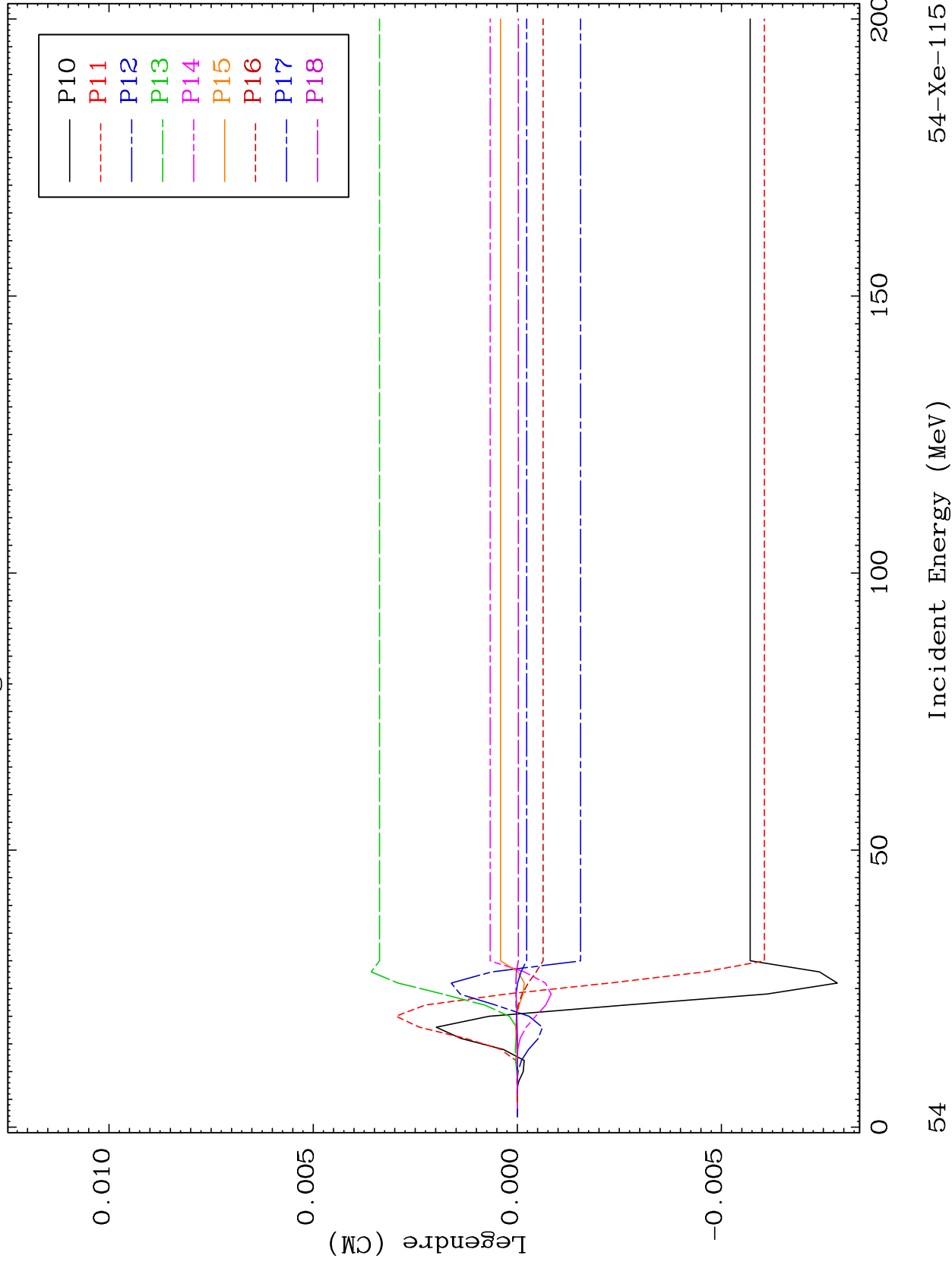
Incident Energy (MeV)

54-Xe-115

MAT 5398

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

54-Xe-115



54

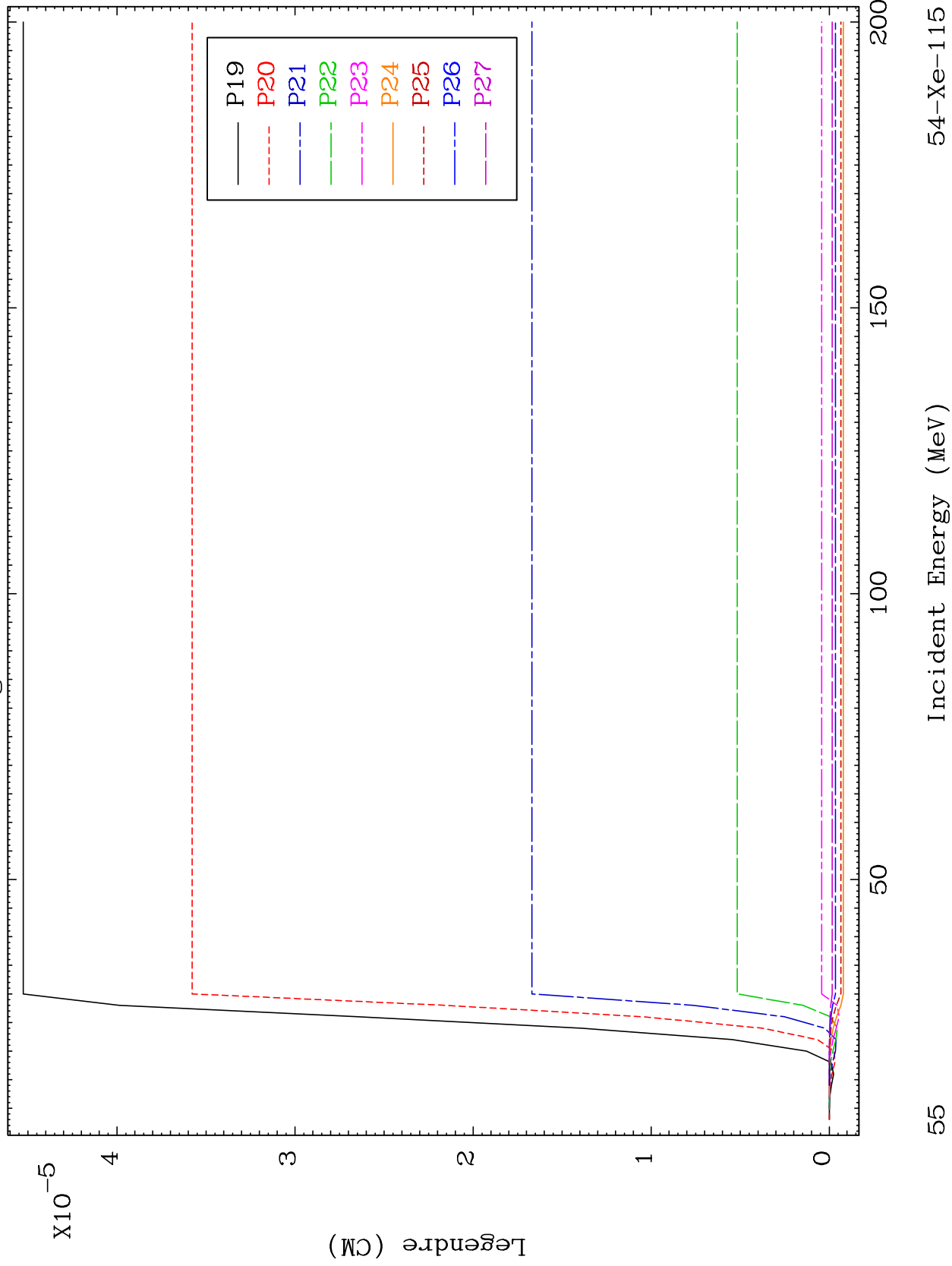
Incident Energy (MeV)

54-Xe-115

MAT 5398

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

54-Xe-115



55

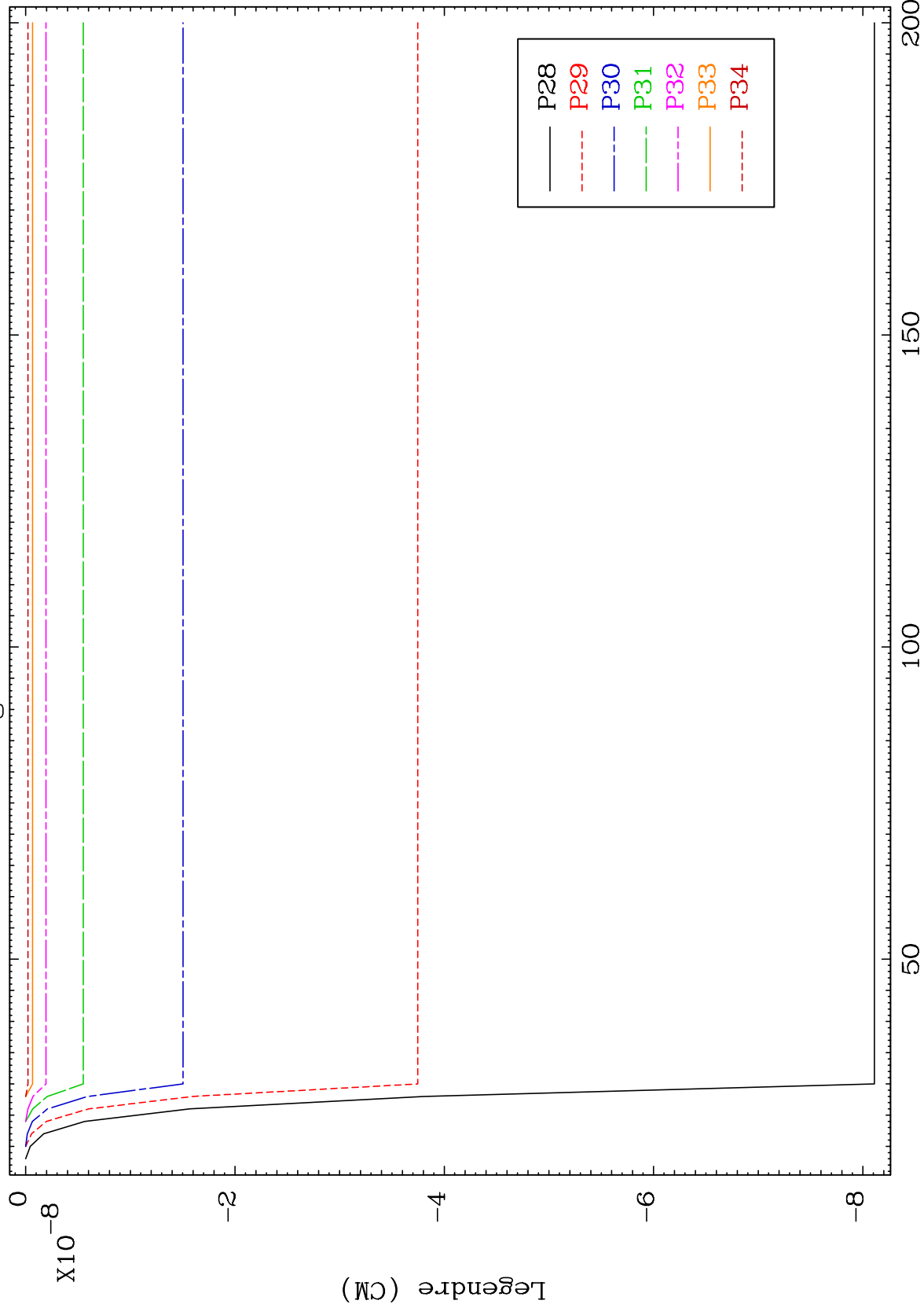
Incident Energy (MeV)

54-Xe-115

MAT 5398

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

54-Xe-115



56

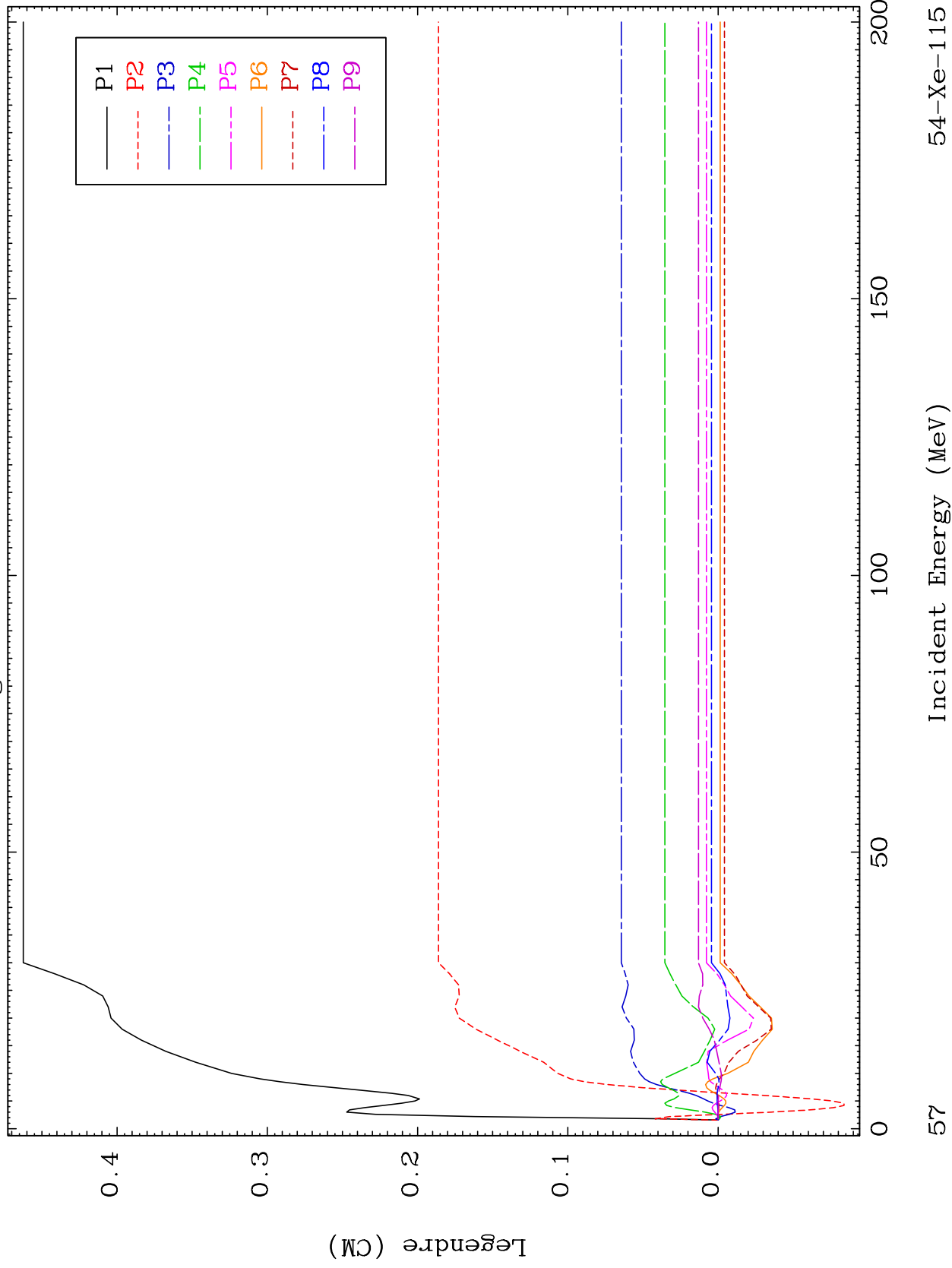
Incident Energy (MeV)

54-Xe-115

MAT 5398

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

54-Xe-115



54-Xe-115

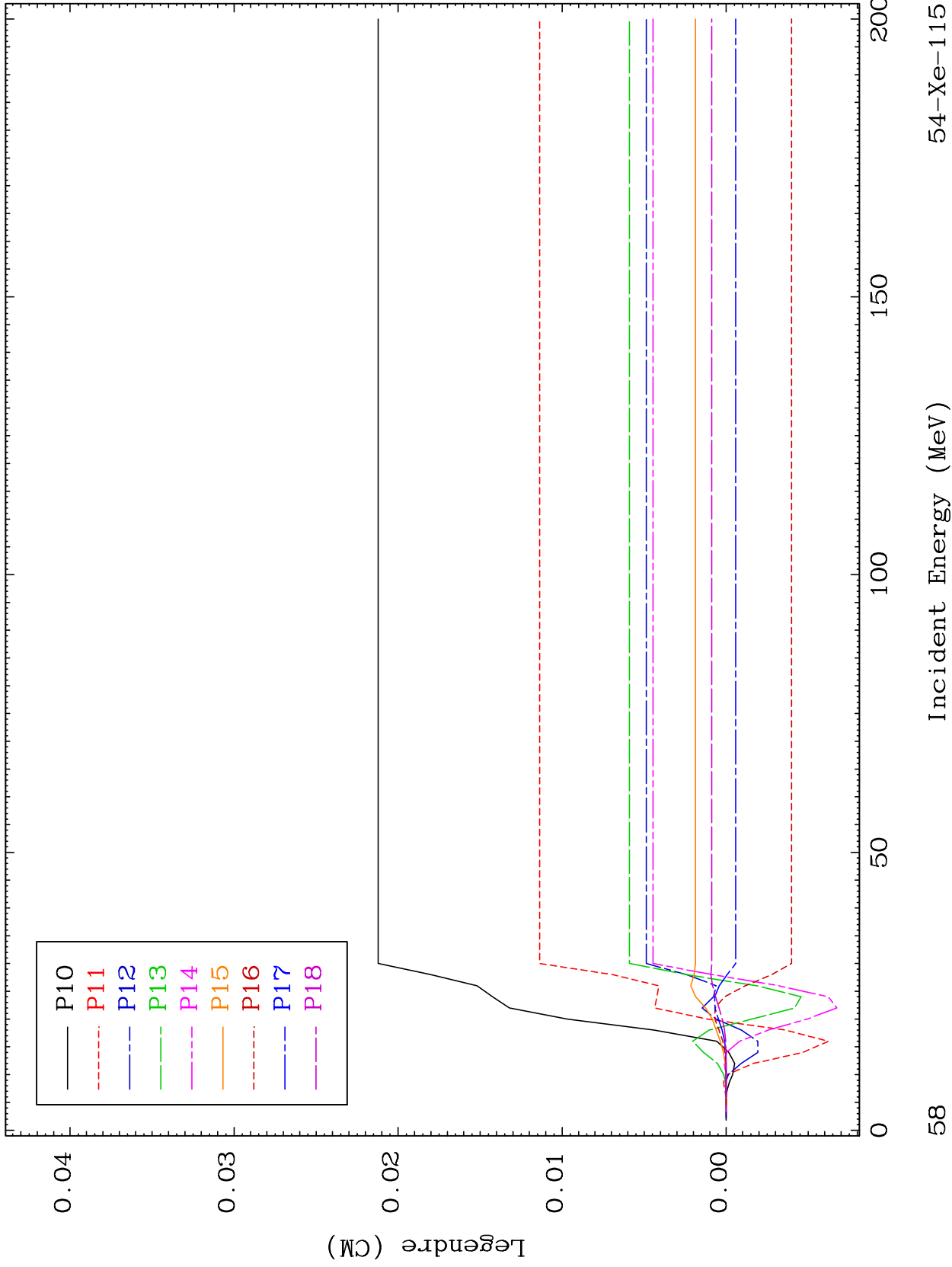
Incident Energy (MeV)

57

MAT 5398

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

54-Xe-115



54-Xe-115

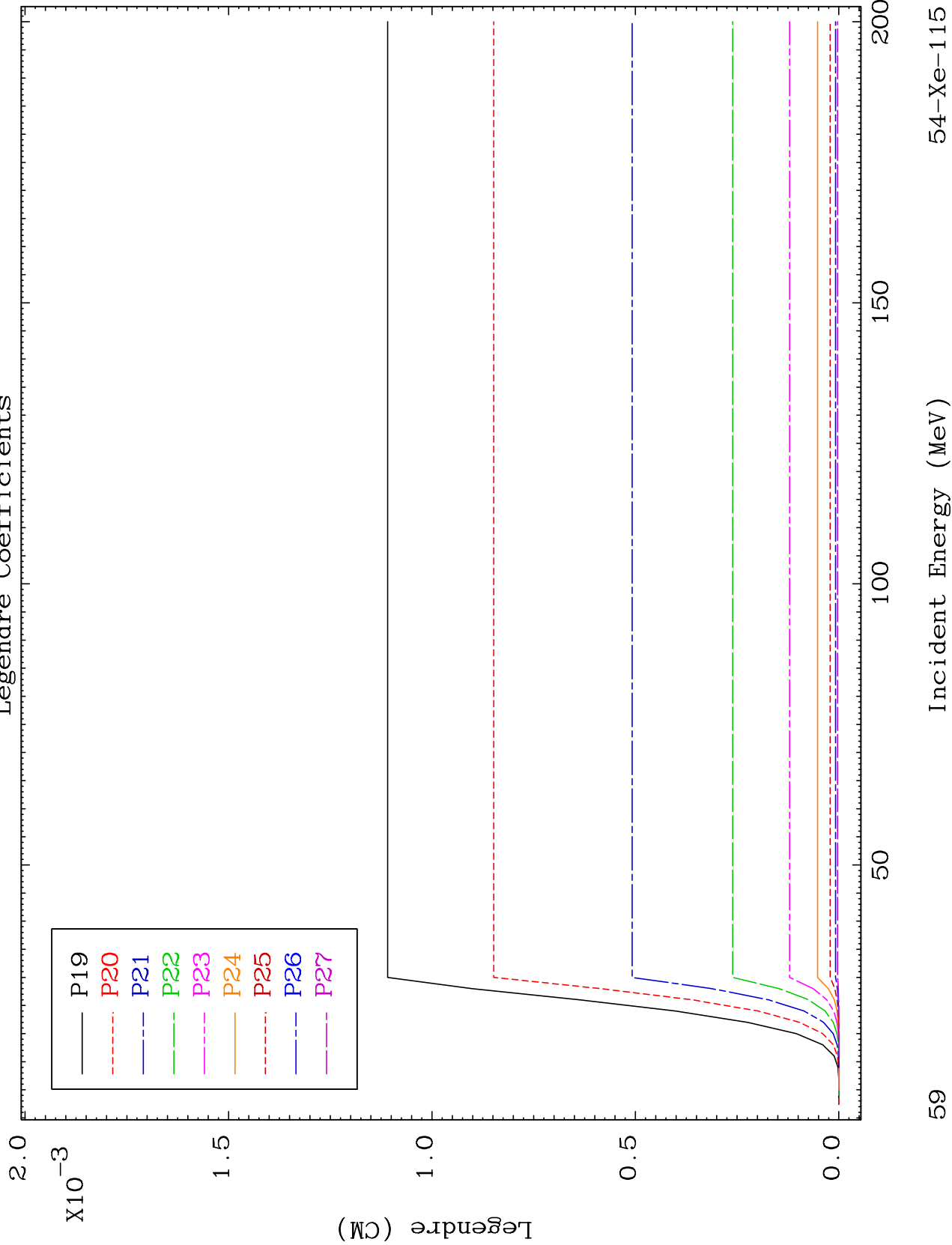
Incident Energy (MeV)

58

MAT 5398

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

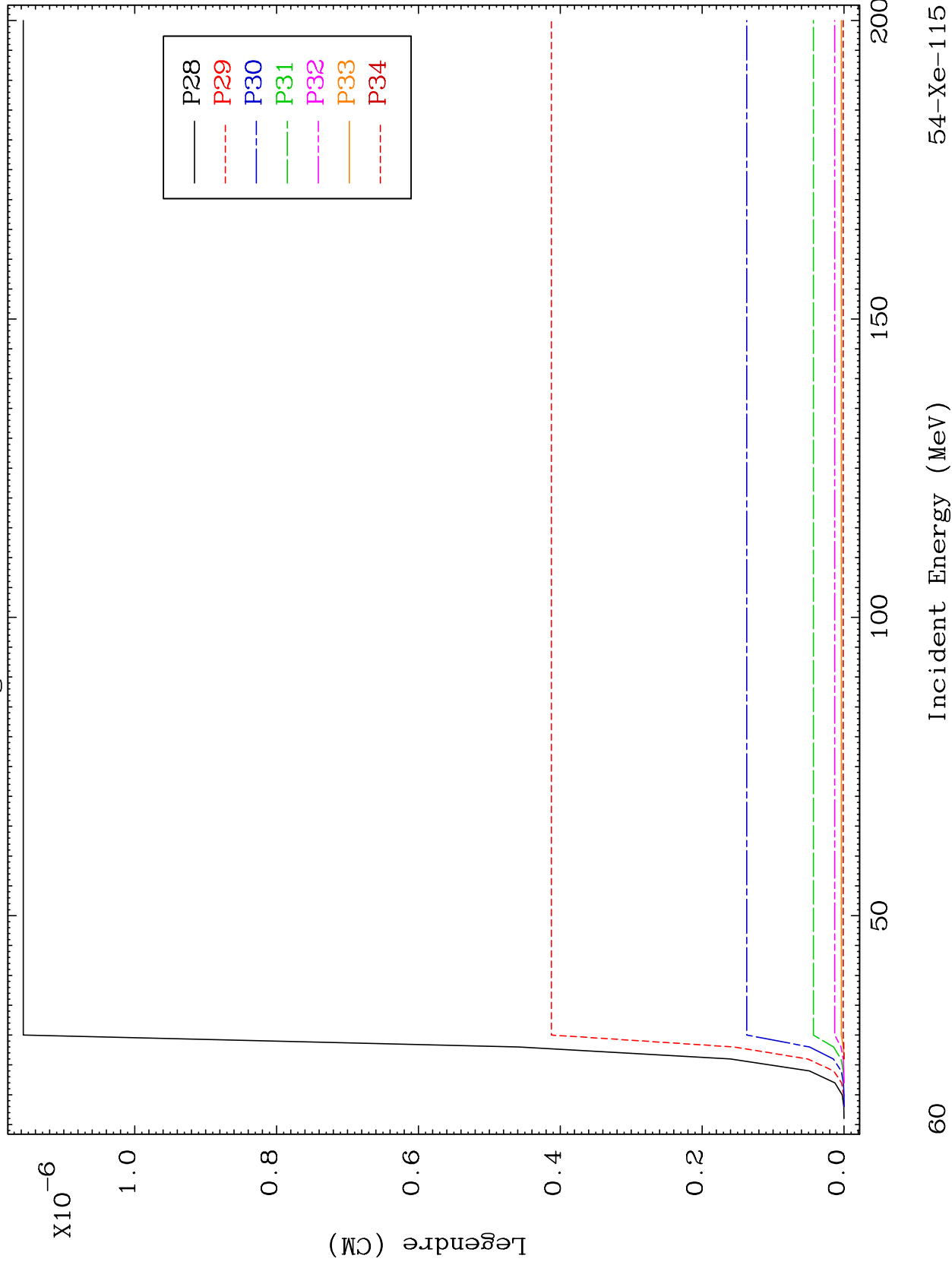
54-Xe-115



MAT 5398

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

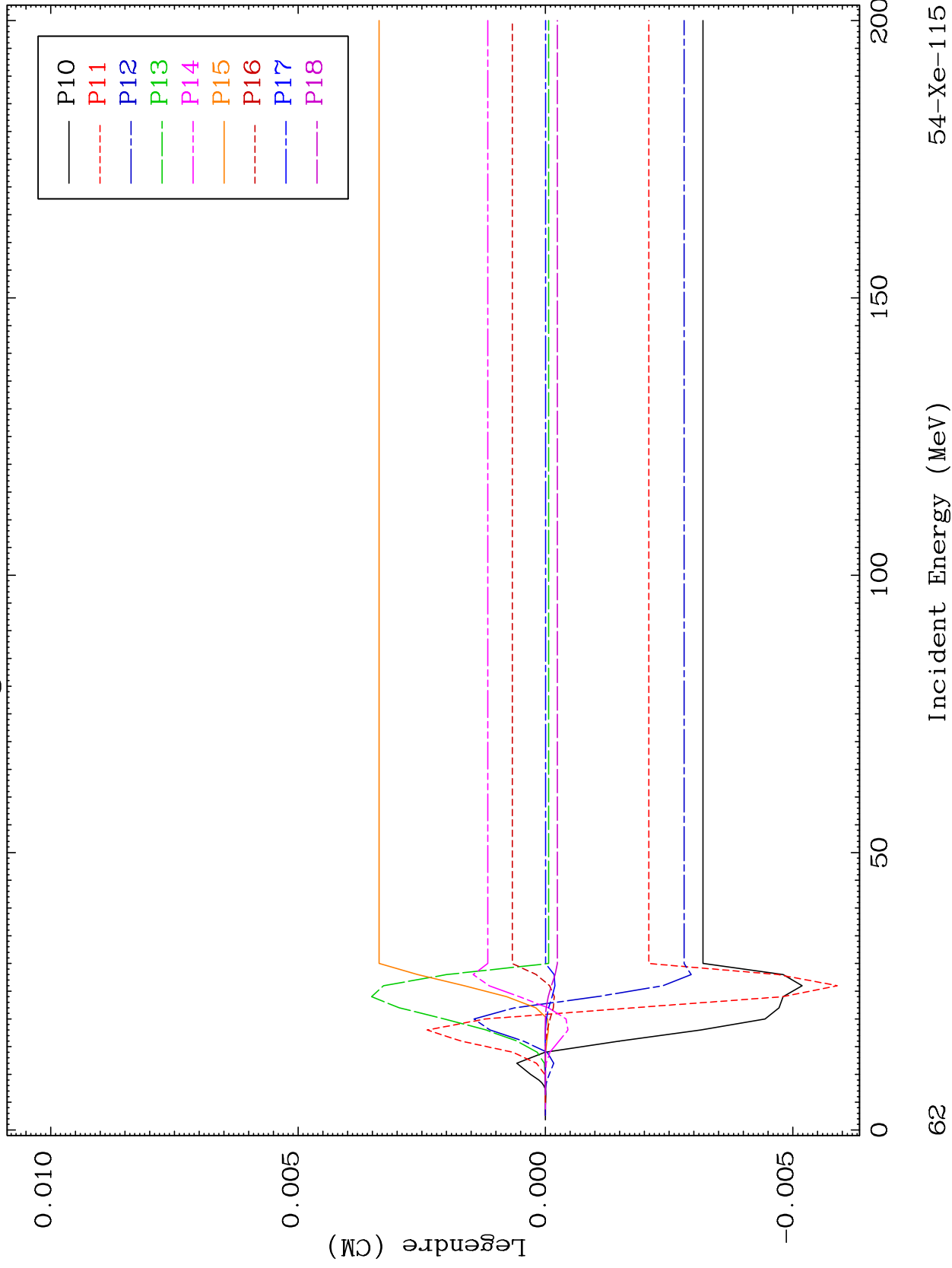
54-Xe-115



MAT 5398

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

54-Xe-115



54-Xe-115

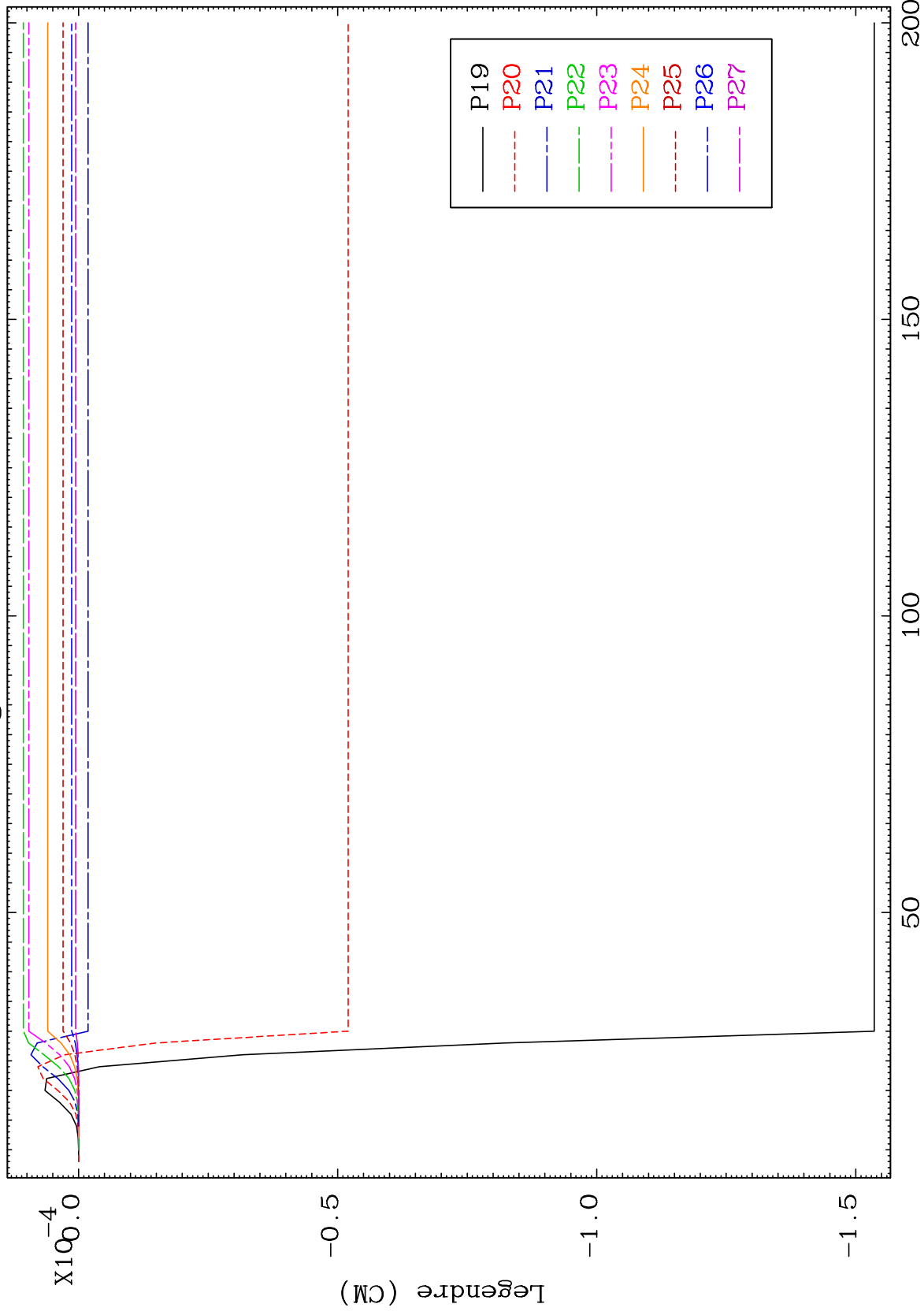
Incident Energy (MeV)

62

MAT 5398

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

54-Xe-115



63

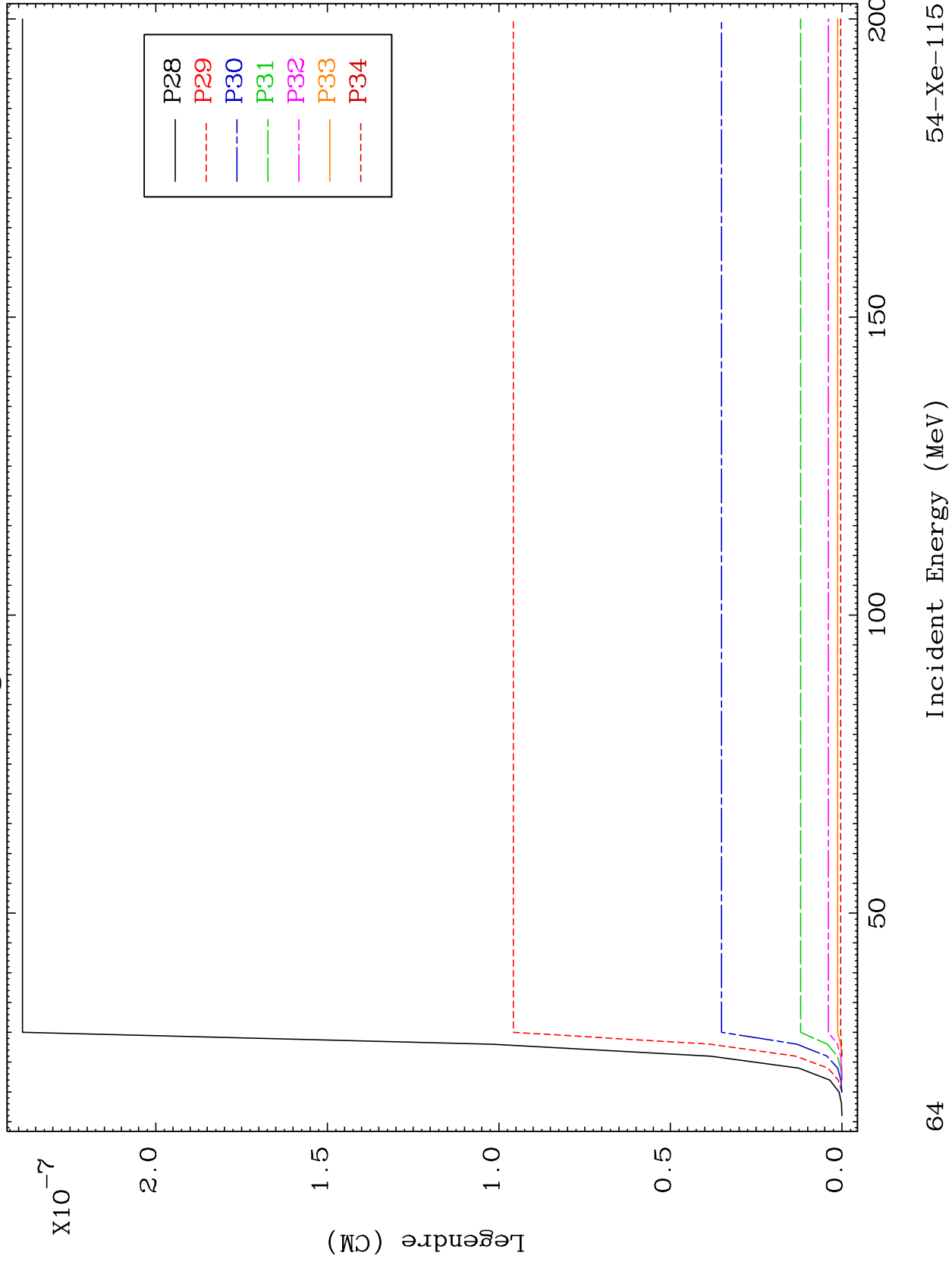
Incident Energy (MeV)

54-Xe-115

MAT 5398

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

54-Xe-115



64

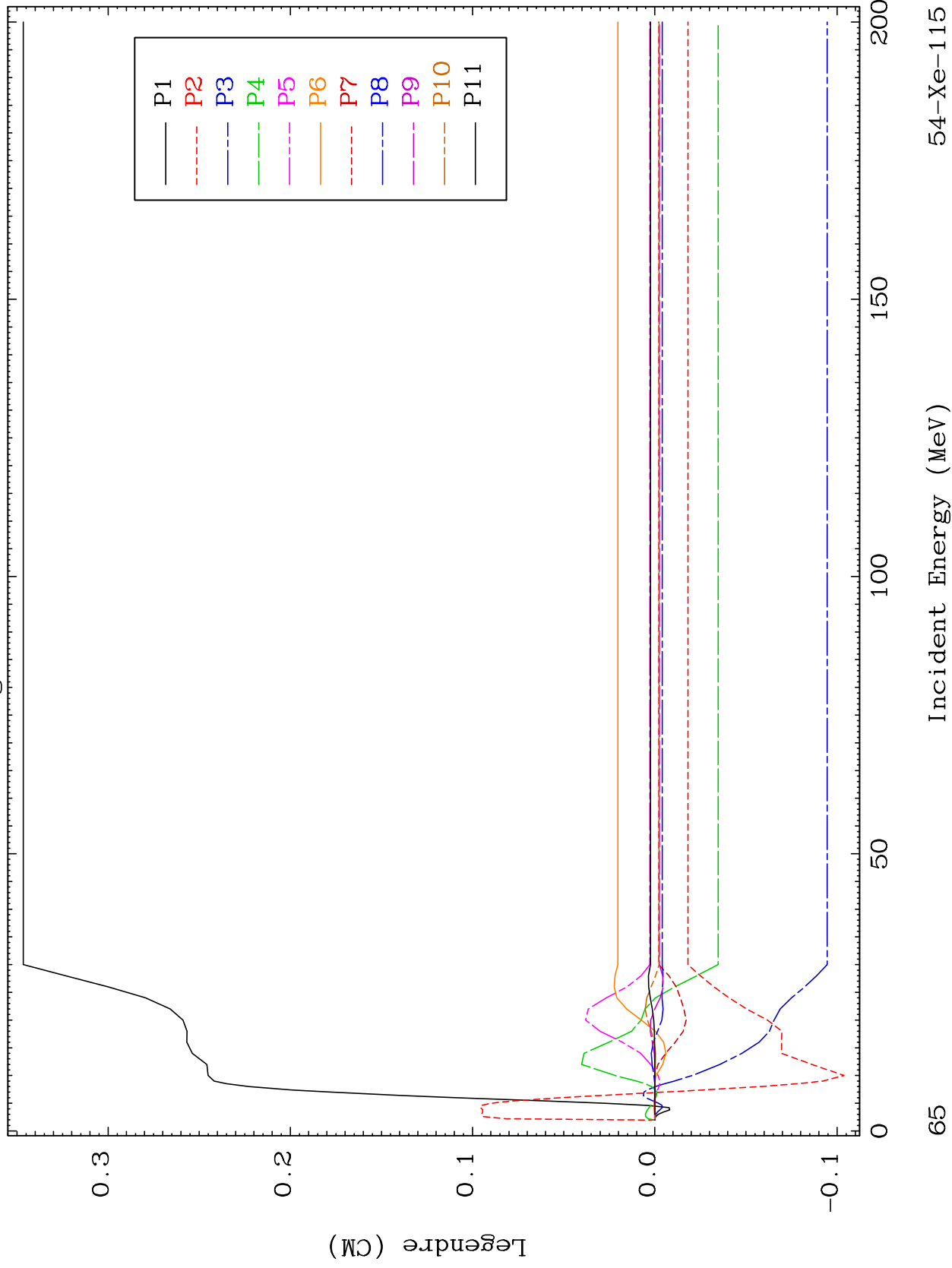
Incident Energy (MeV)

54-Xe-115

MAT 5398

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

54-Xe-115



54-Xe-115

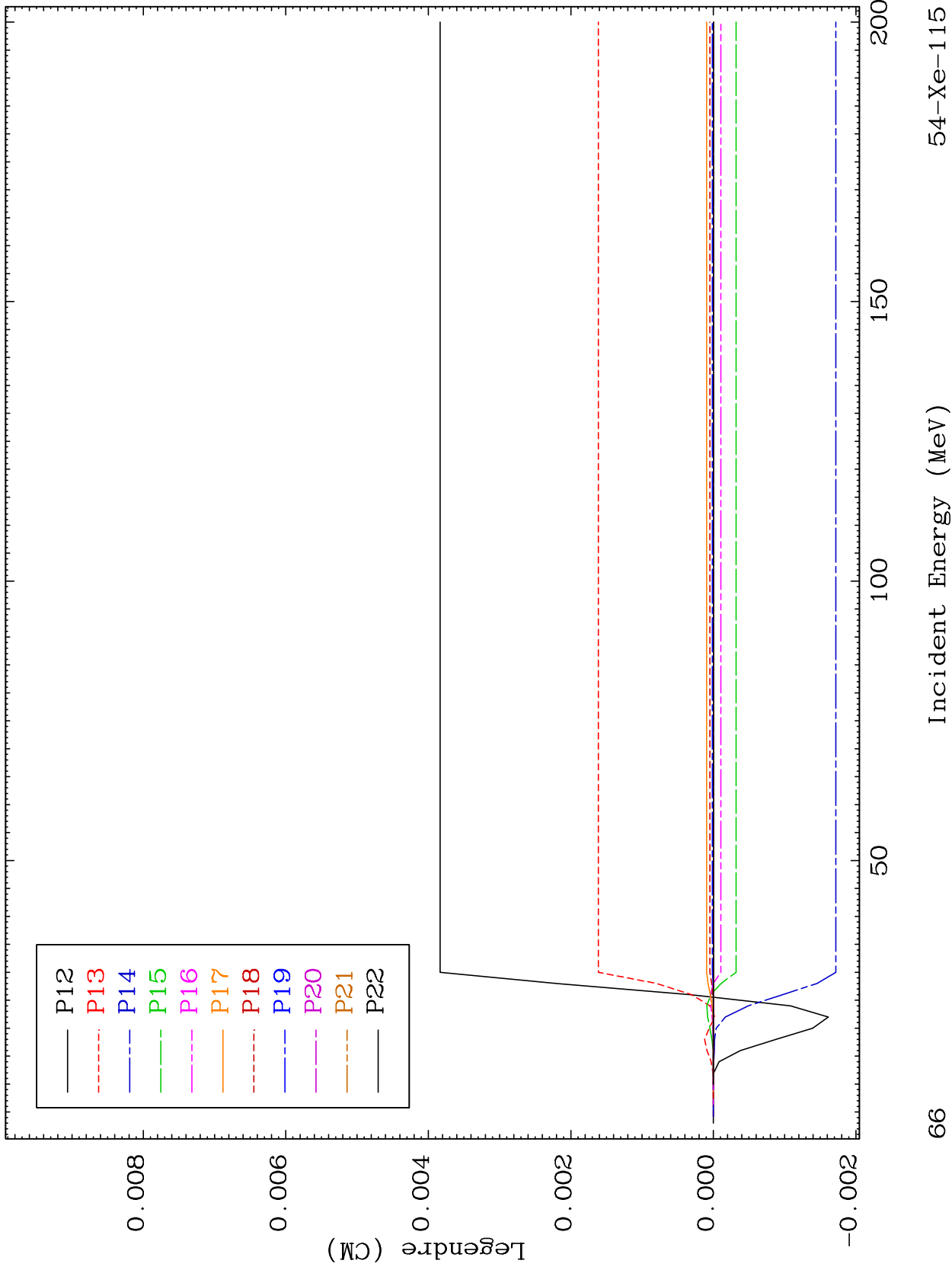
Incident Energy (MeV)

65

MAT 5398

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

54-Xe-115



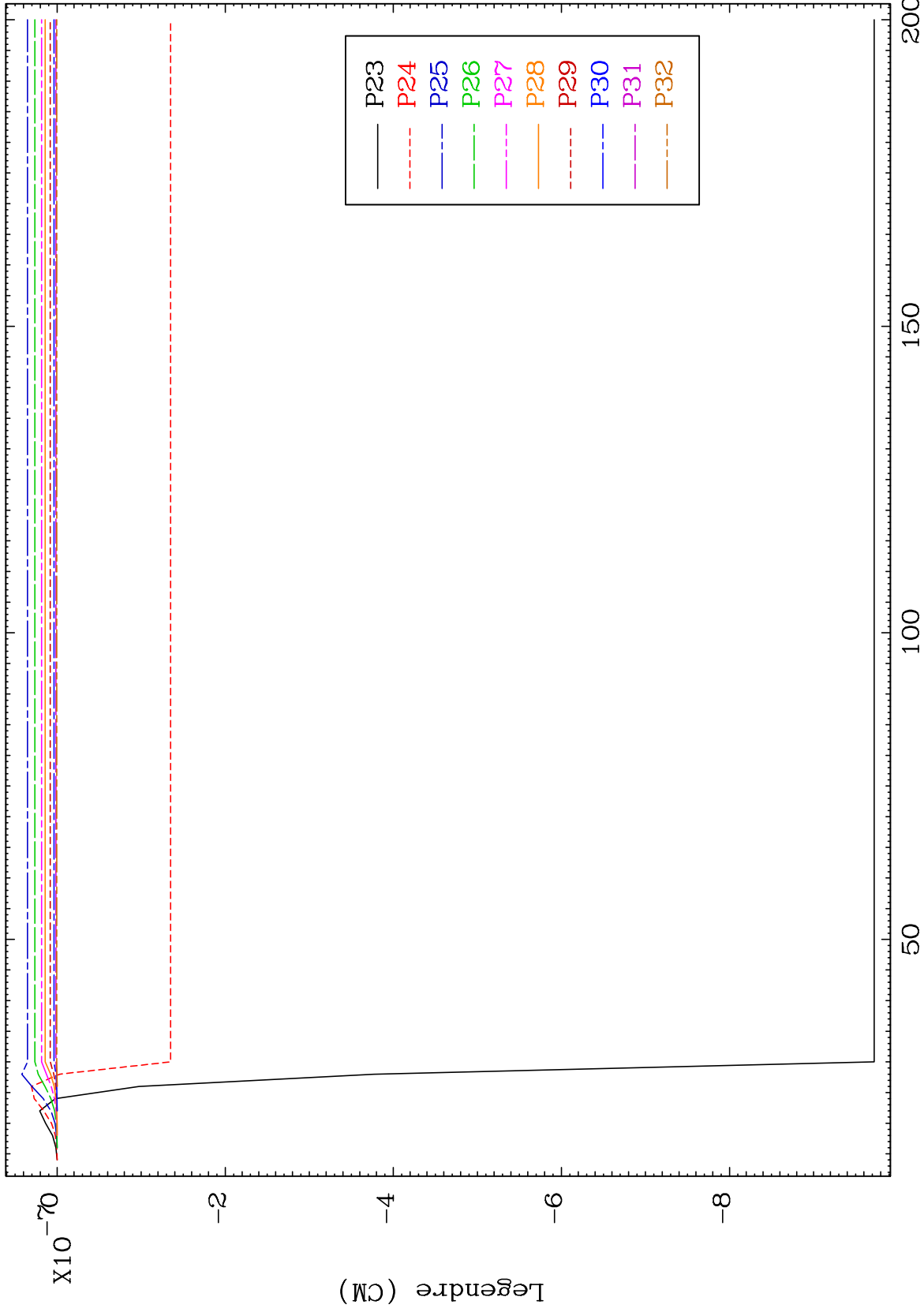
66

54-Xe-115

MAT 5398

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

54-Xe-115



67

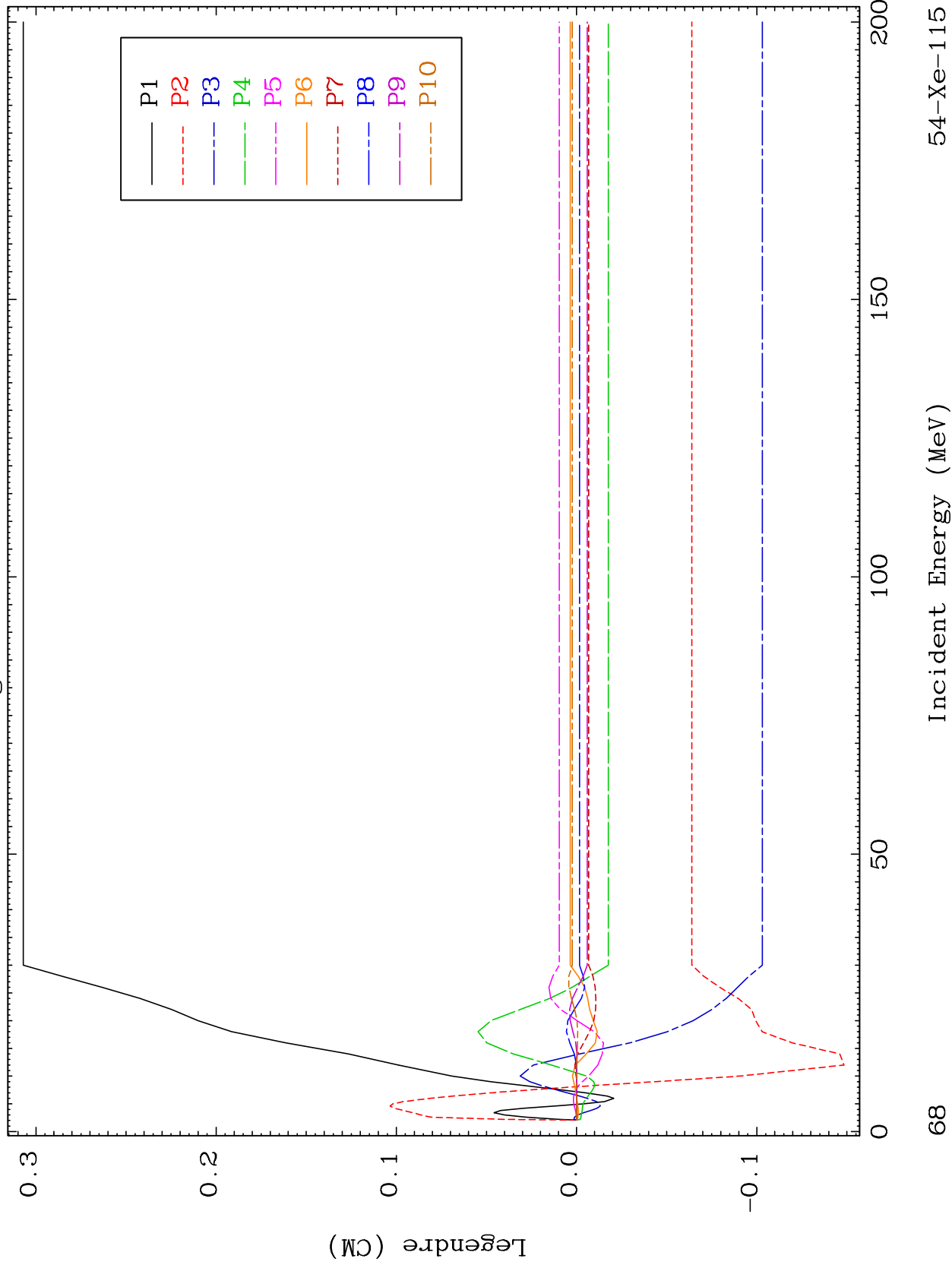
Incident Energy (MeV)

54-Xe-115

MAT 5398

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

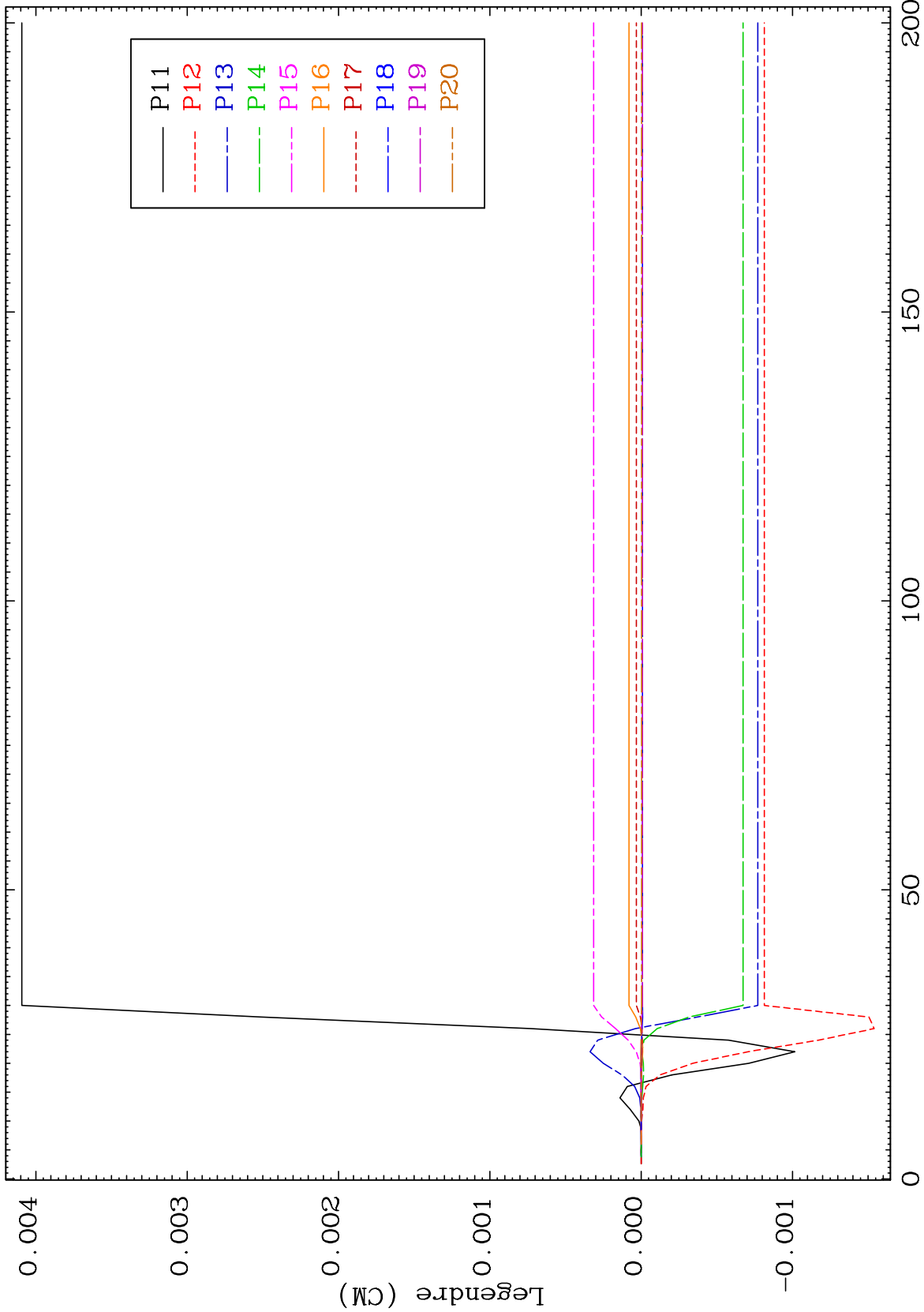
54-Xe-115



MAT 5398

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

54-Xe-115



69

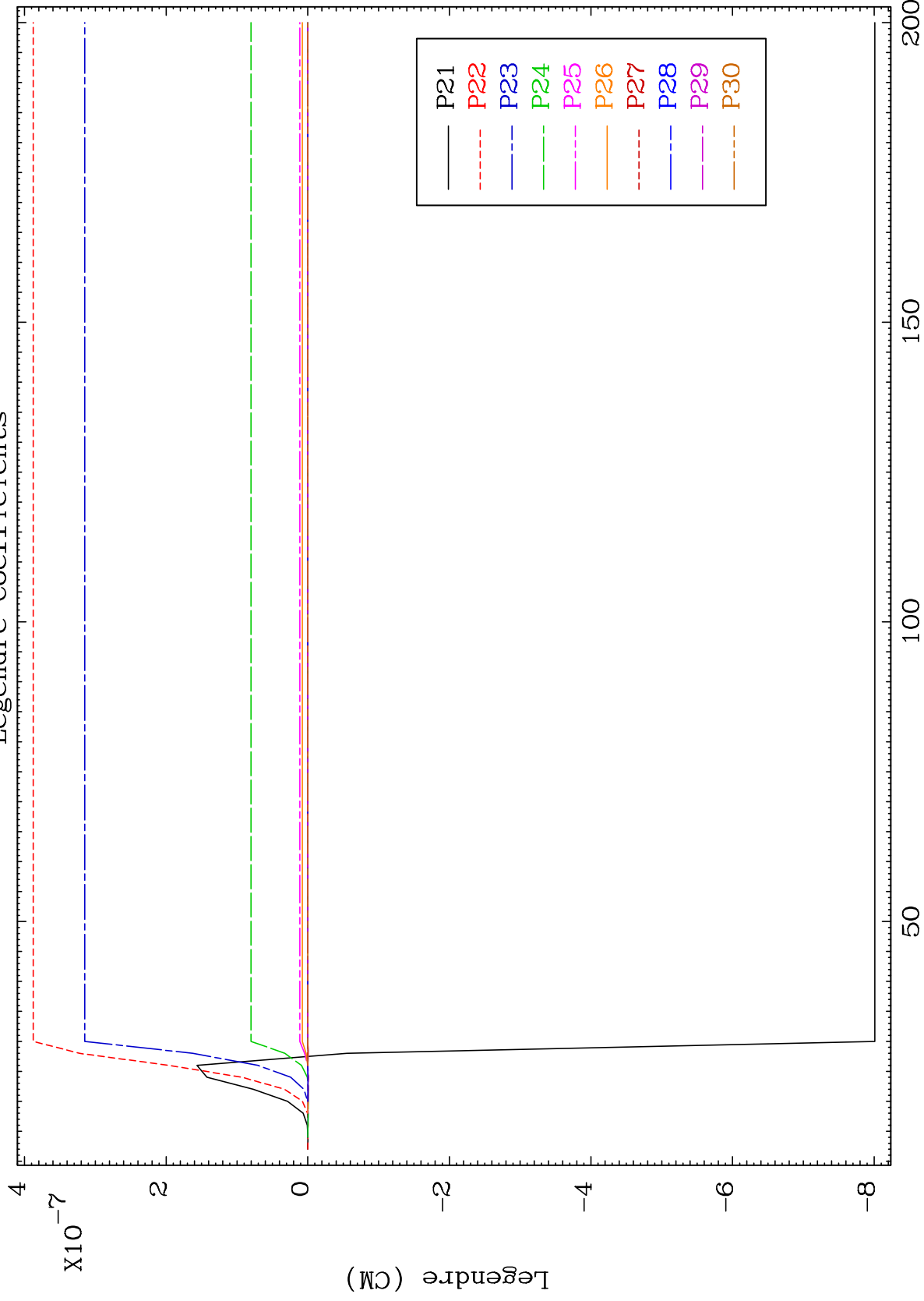
Incident Energy (MeV)

54-Xe-115

MAT 5398

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

54-Xe-115



70

Incident Energy (MeV)

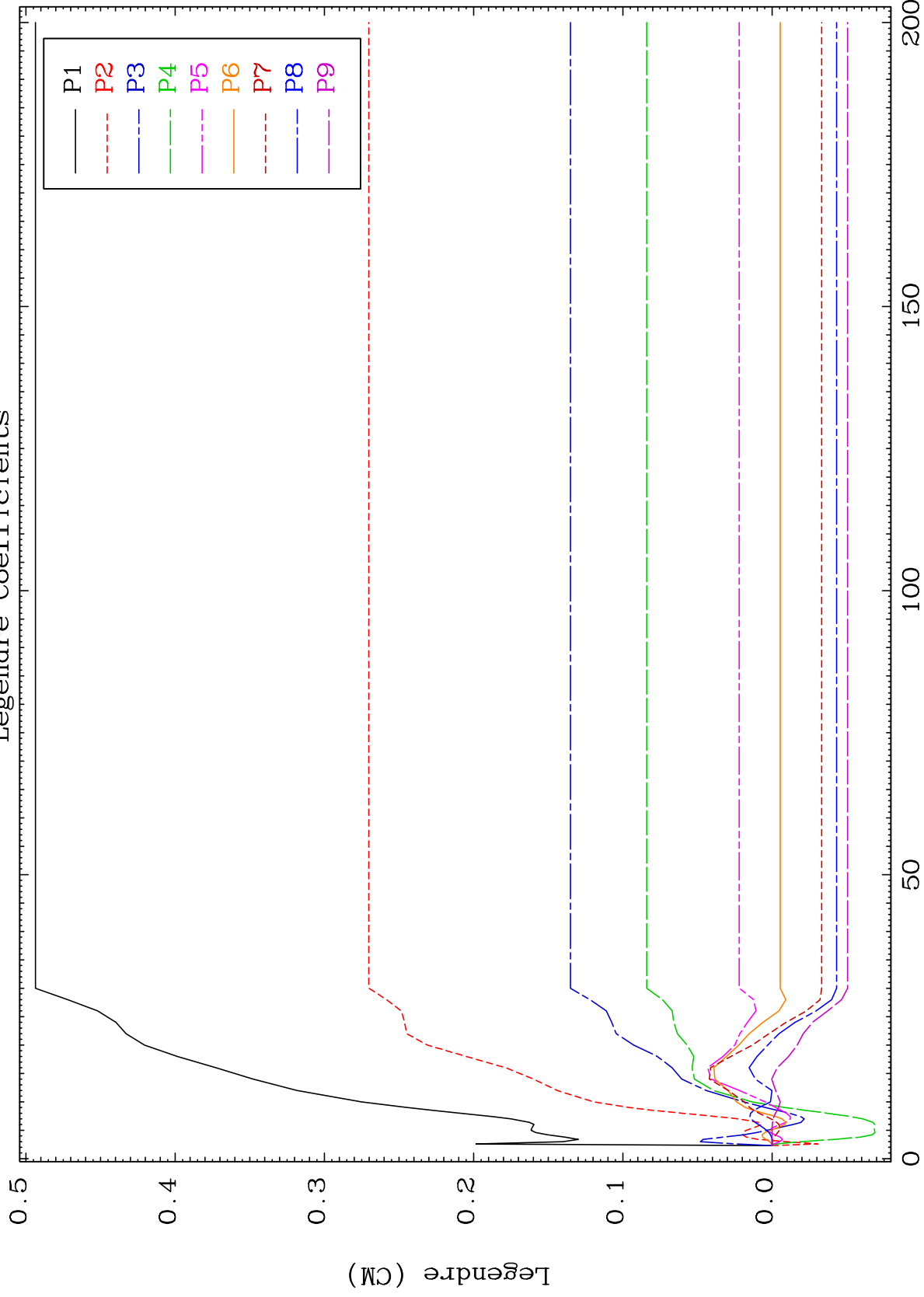
54-Xe-115

MAT 5398

MT= 64 (n,n') Level

54-Xe-115

Legendre Coefficients



71

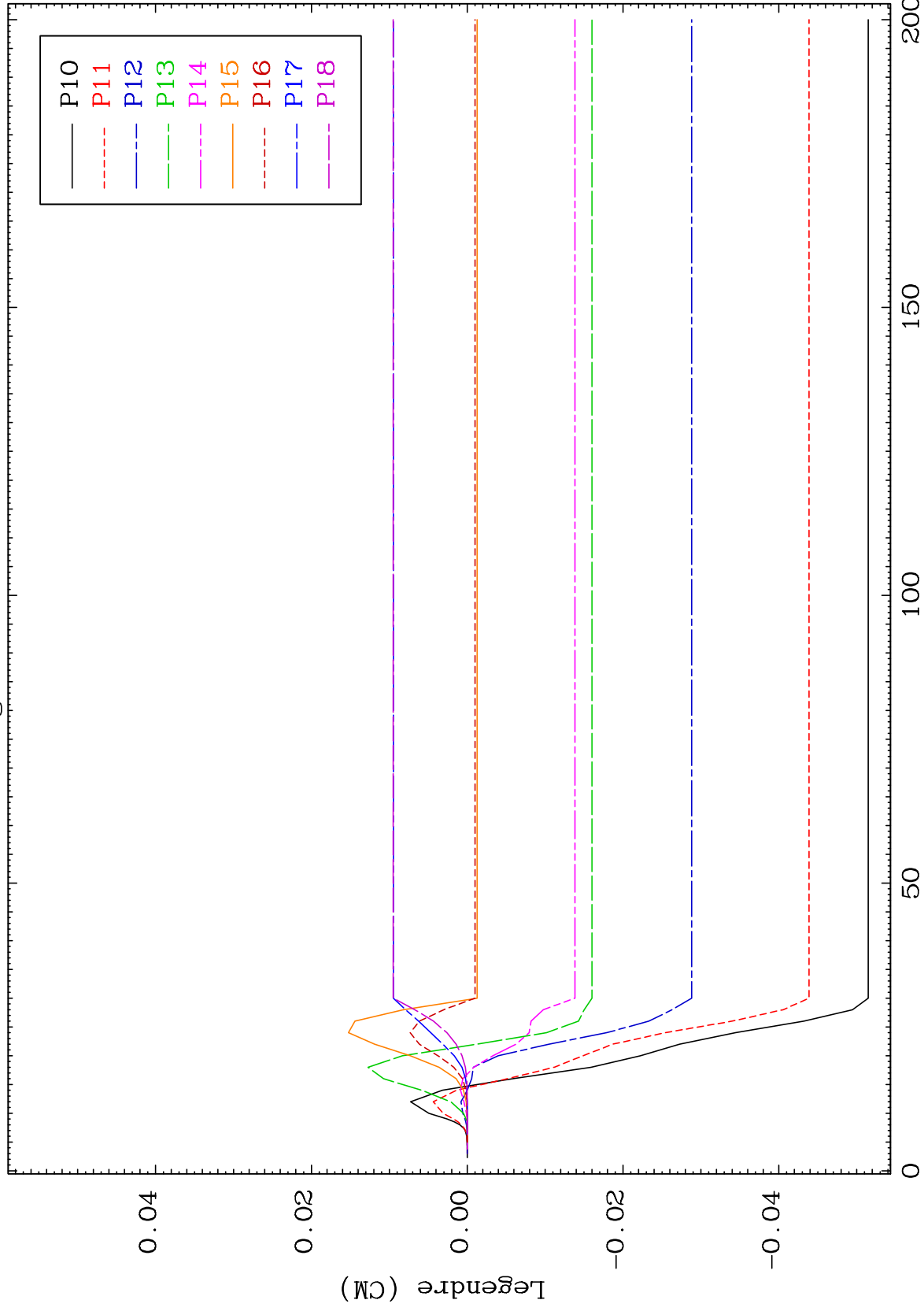
Incident Energy (MeV)

54-Xe-115

MAT 5398

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

54-Xe-115



72

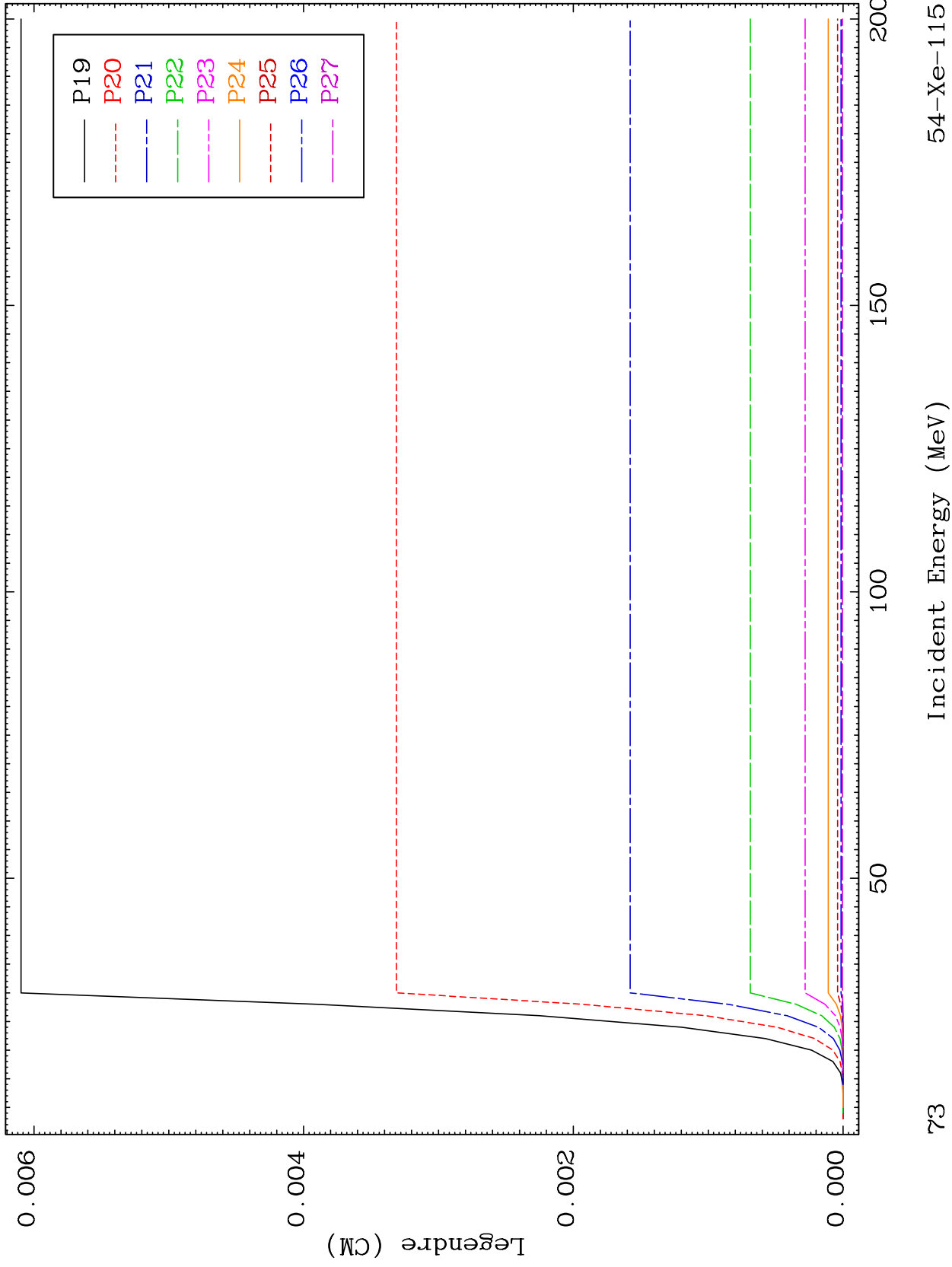
Incident Energy (MeV)

54-Xe-115

MAT 5398

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

54-Xe-115



73

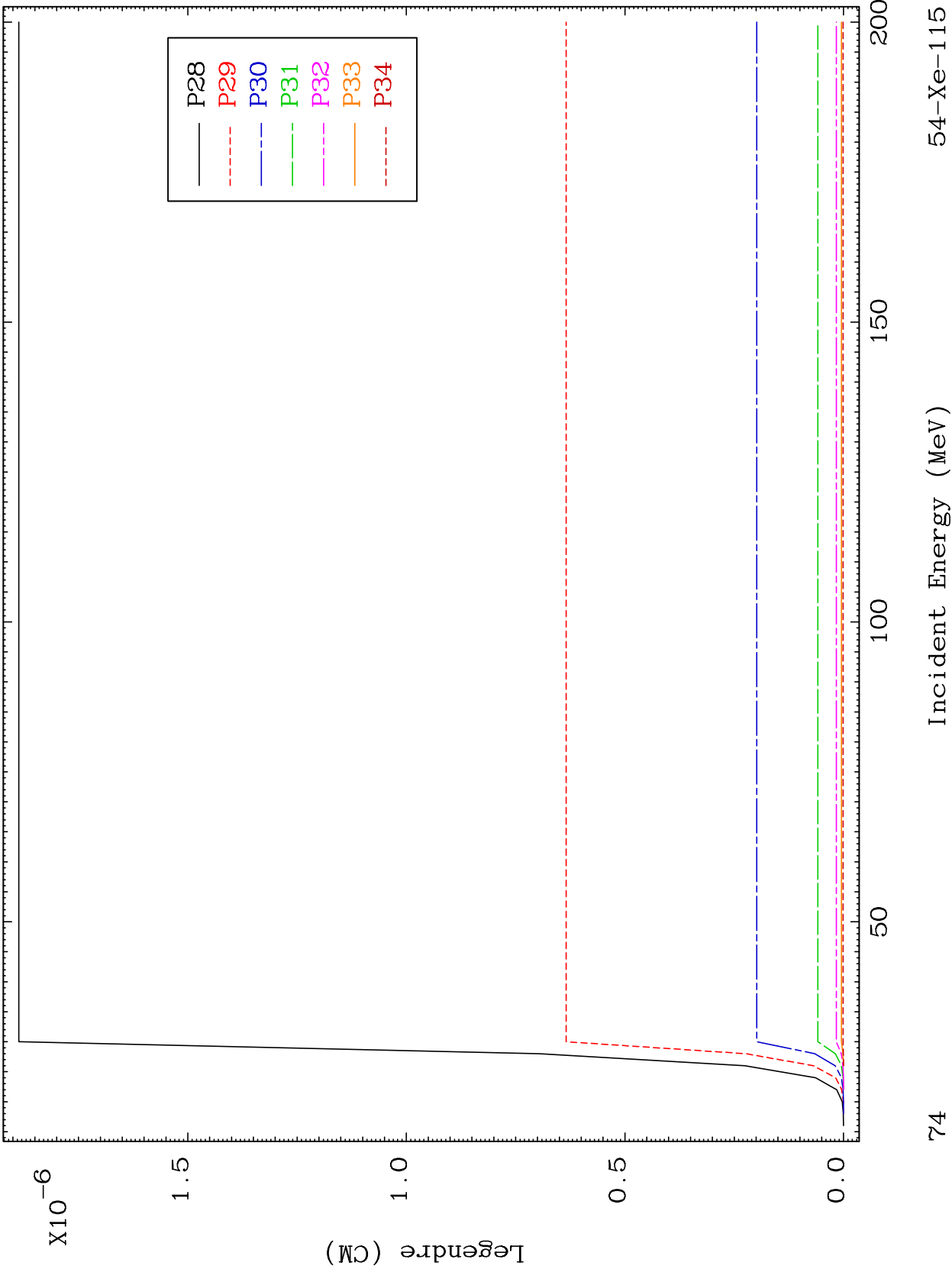
Incident Energy (MeV)

54-Xe-115

MAT 5398

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

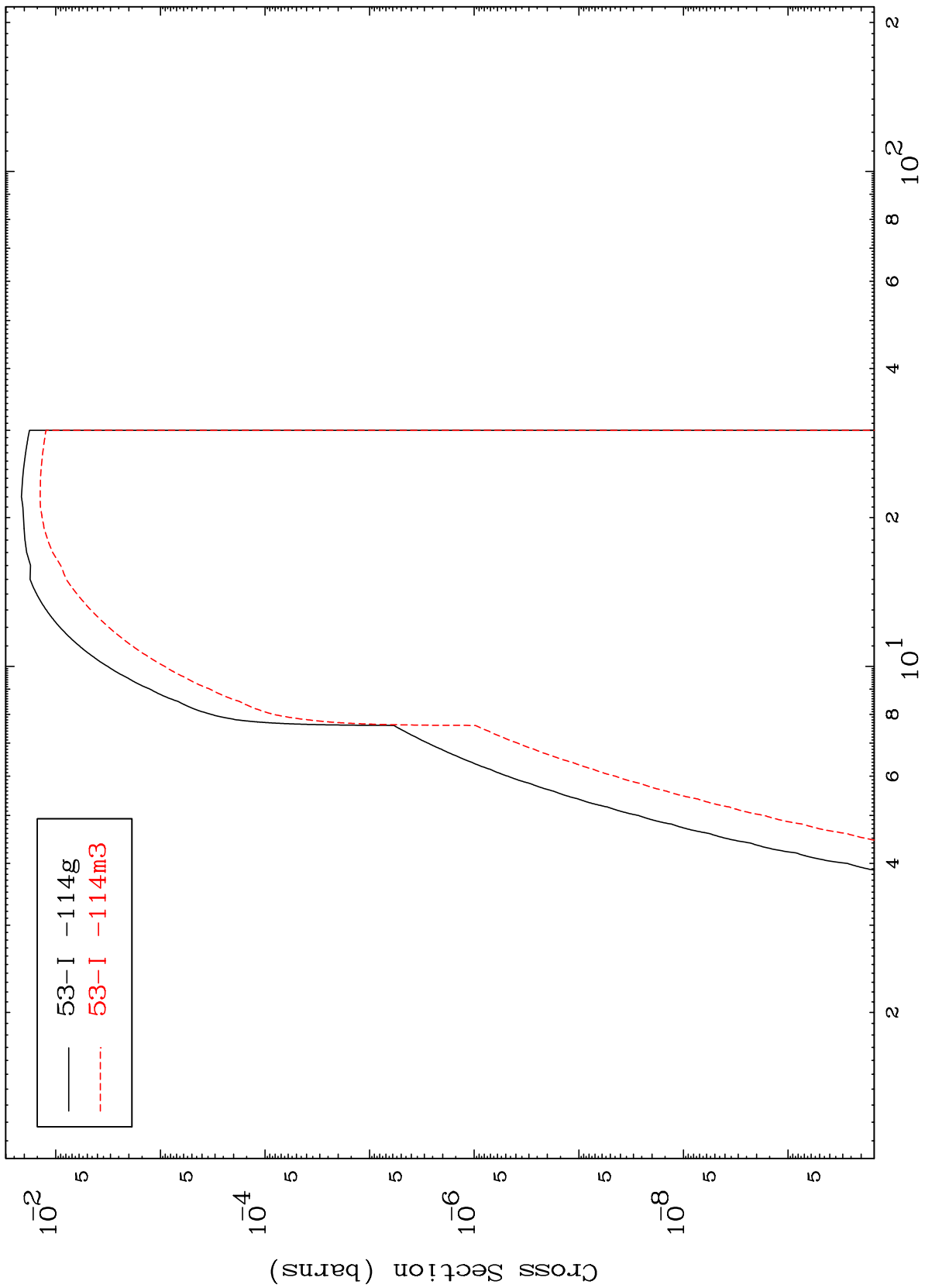
54-Xe-115



MAT 5398

54-Xe-115

(n,d)
Radionuclide Production Cross Section



76

54-Xe-115

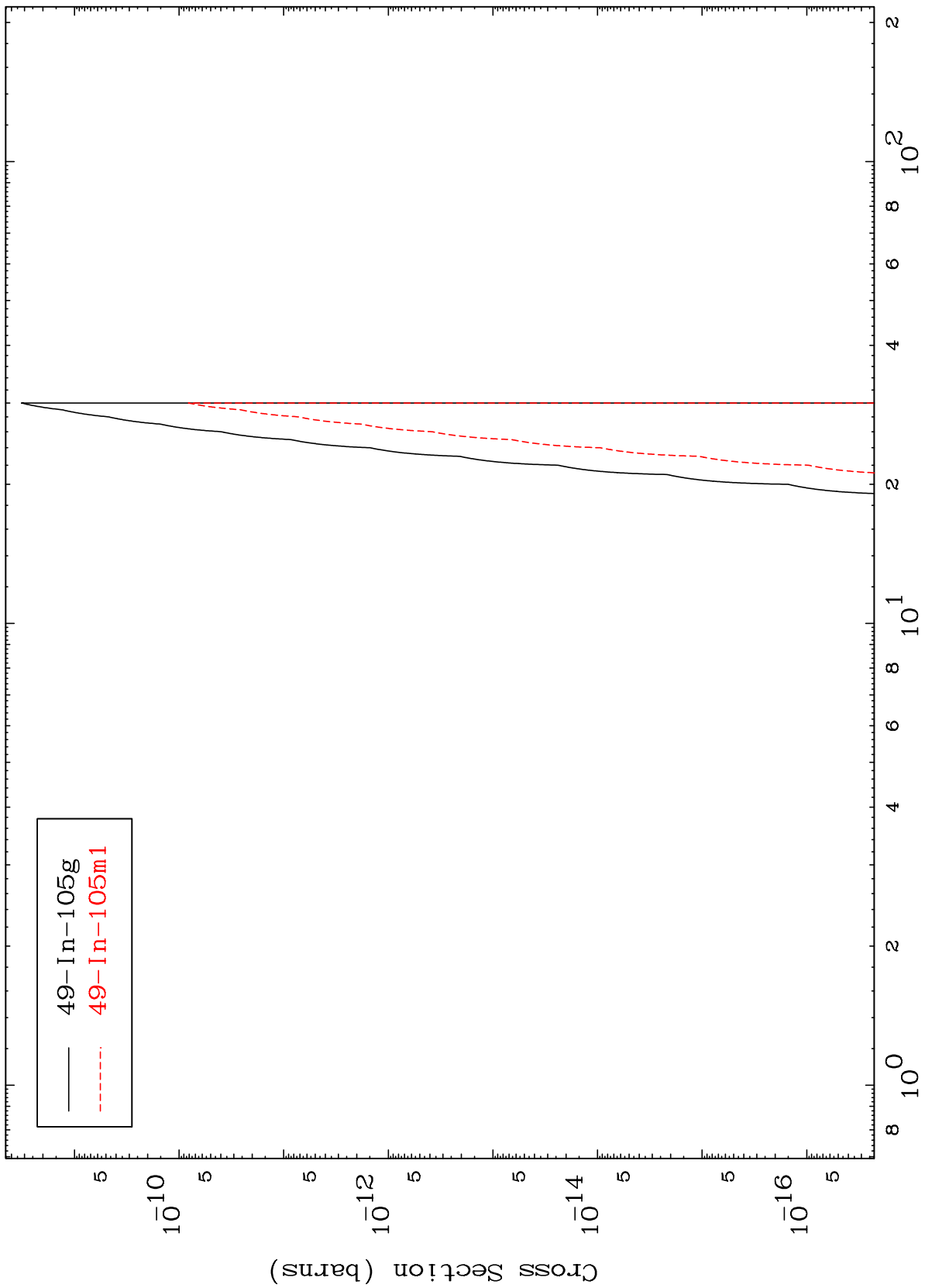
Incident Energy (MeV)

MAT 5398

(n,t) 2 α

54-Xe-115

Radionuclide Production Cross Section



77

Incident Energy (MeV)

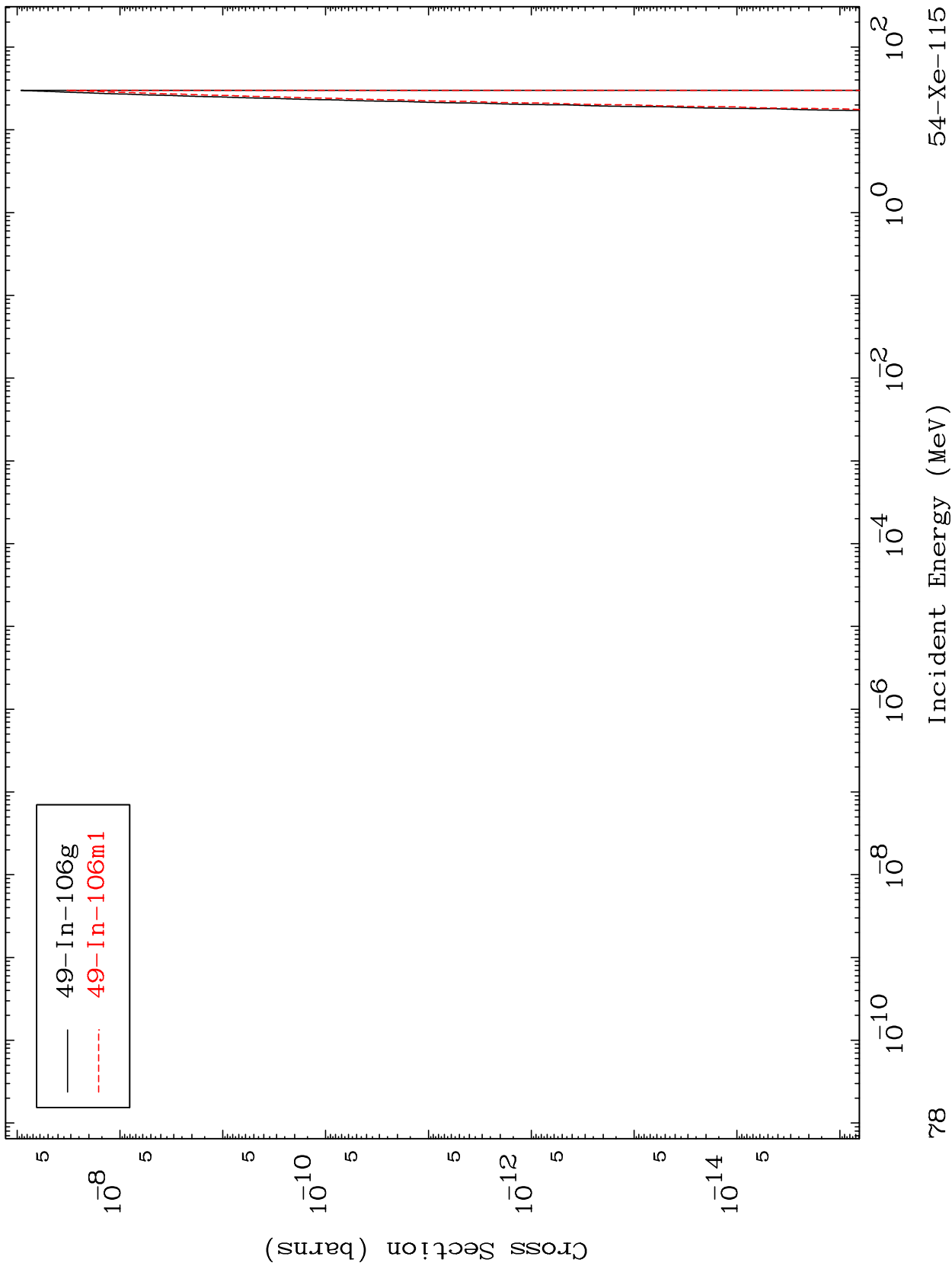
54-Xe-115

MAT 5398

(n,d) 2 α

54-Xe-115

Radionuclide Production Cross Section



78

Incident Energy (MeV)

54-Xe-115