

Program EVALPLOT
(Version 2021-1)

by

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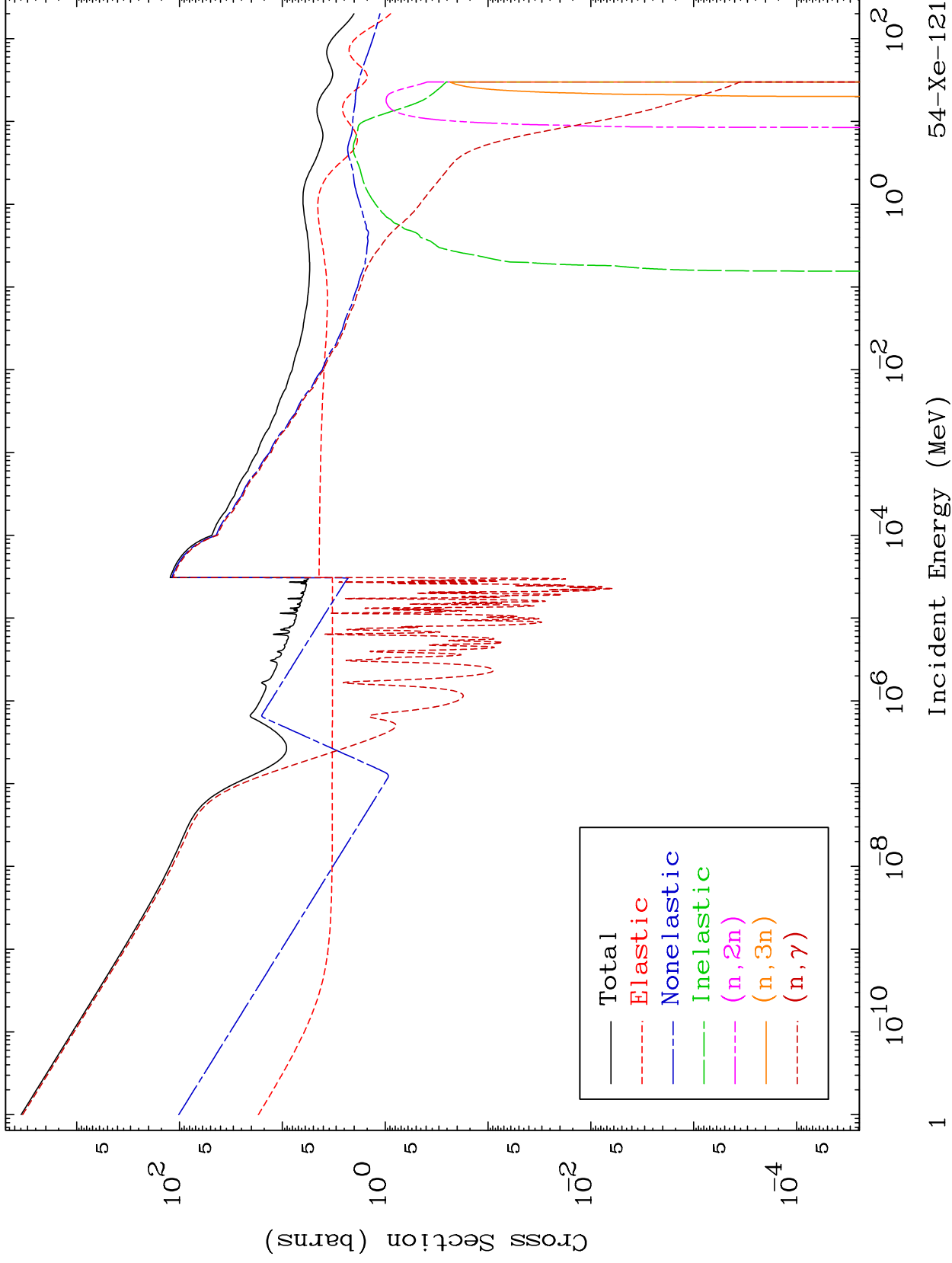
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5416

Neutron Major
293 Kelvin Cross Sections

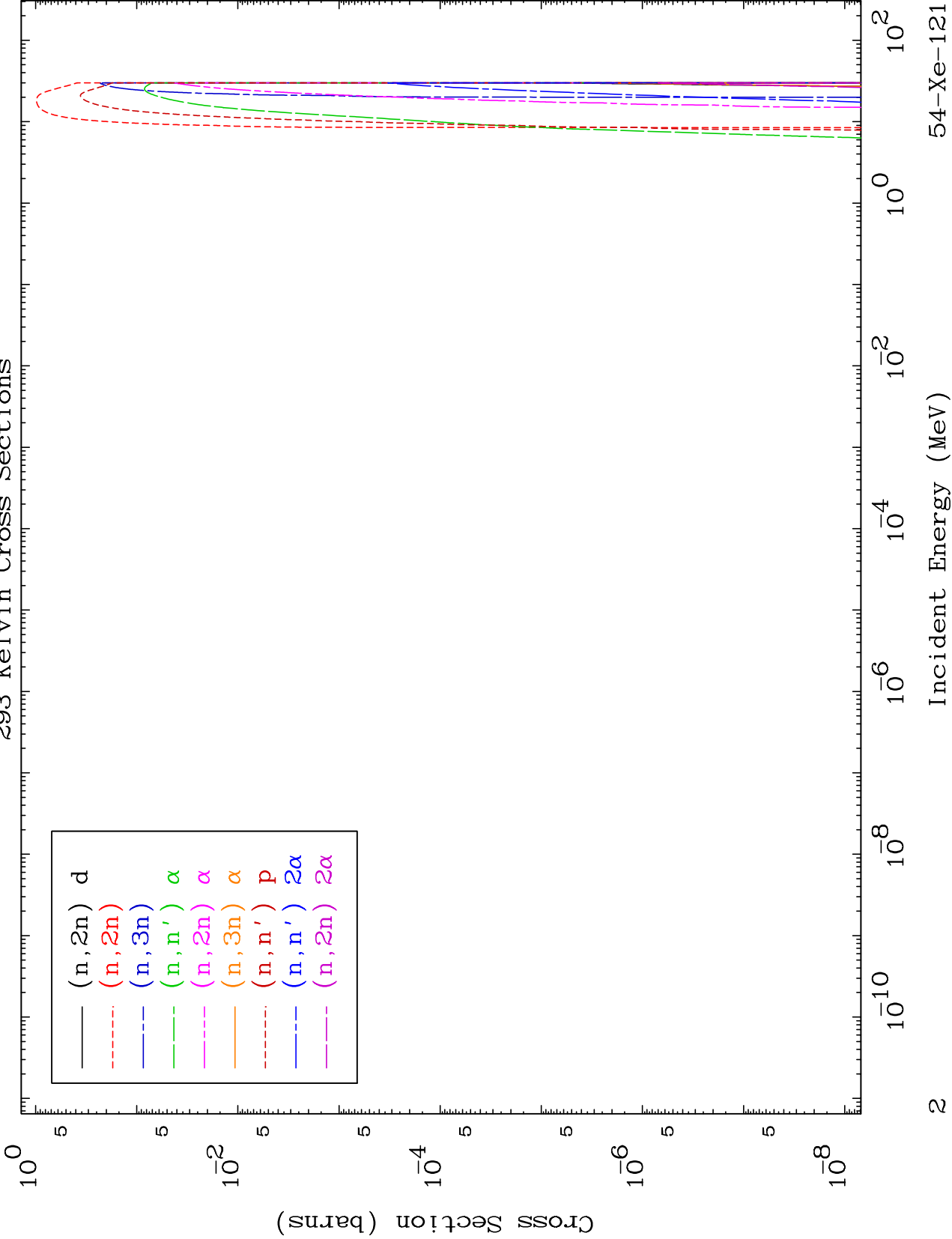
54-Xe-121

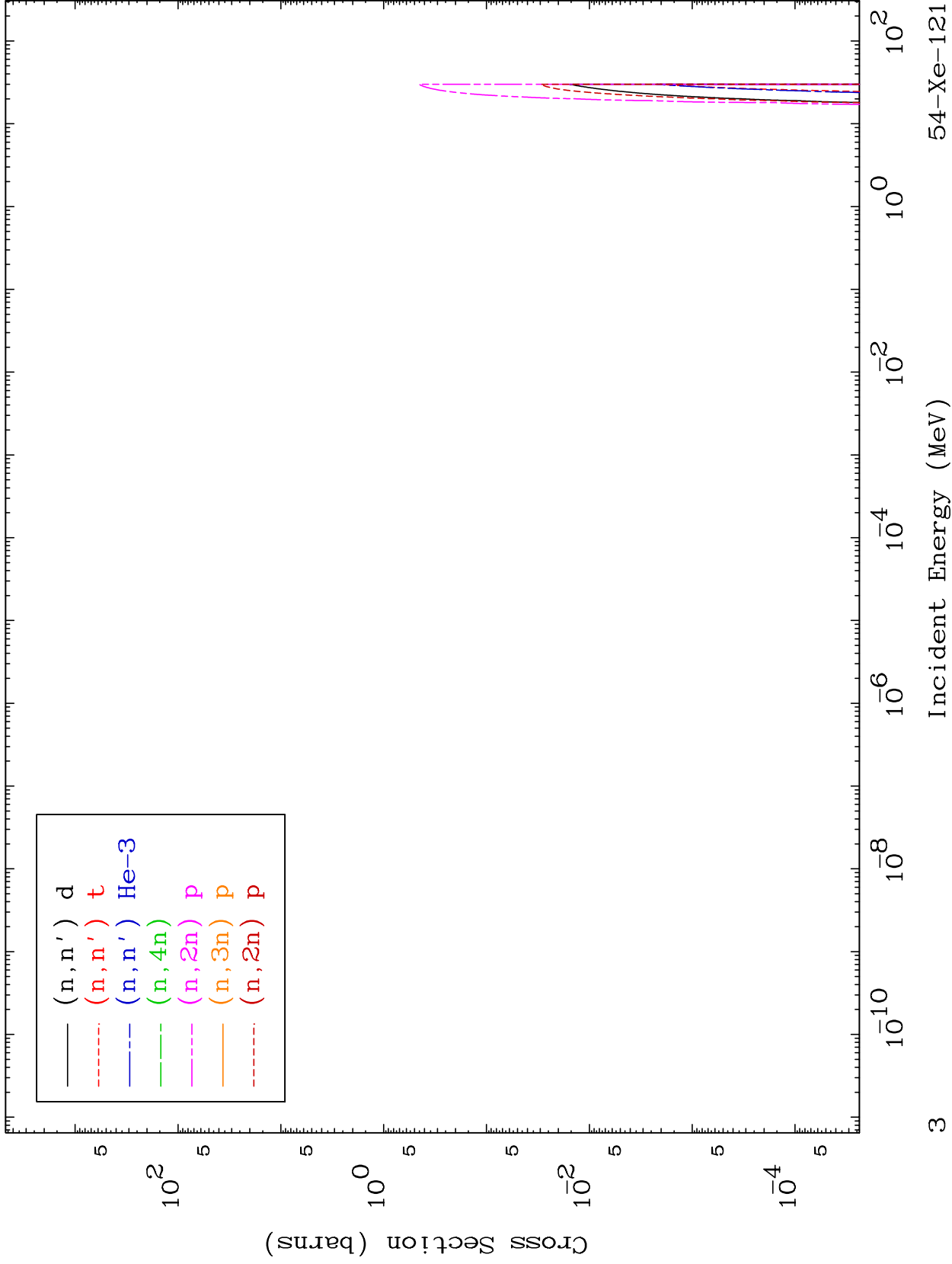


MAT 5416

Neutron Absorption
293 Kelvin Cross Sections

54-Xe-121

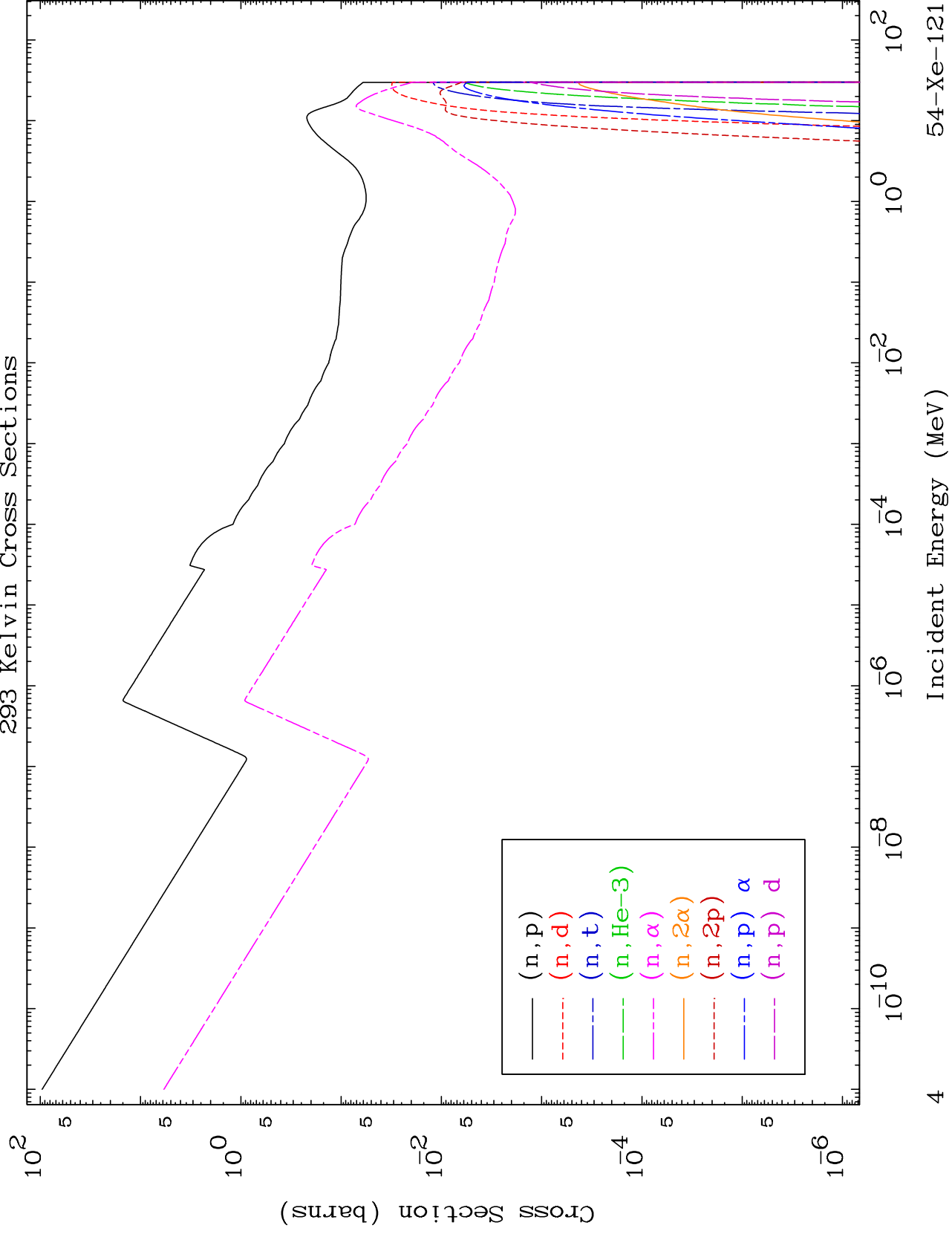




MAT 5416

Neutron Absorption
293 Kelvin Cross Sections

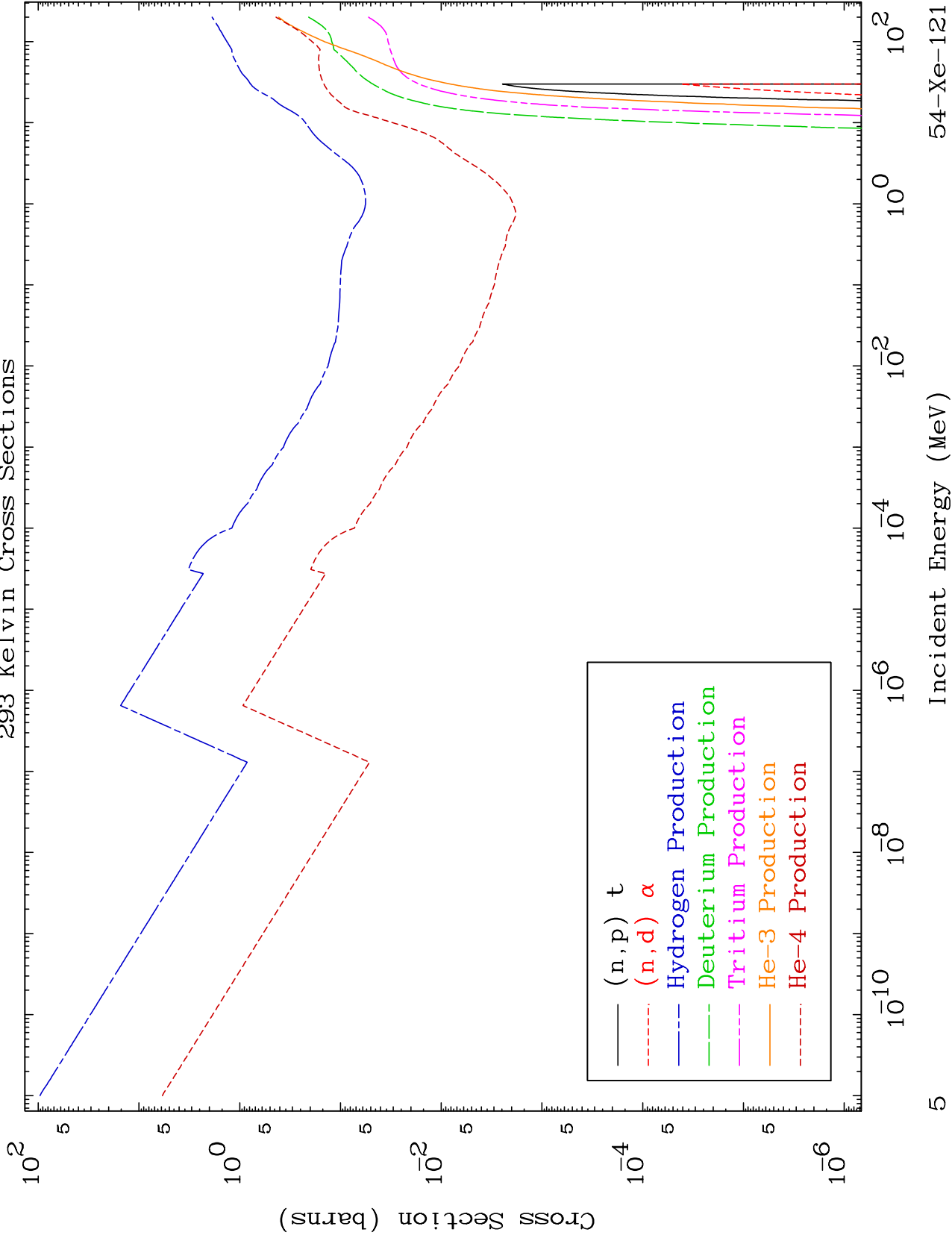
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MAT 5416

Neutron Absorption
293 Kelvin Cross Sections

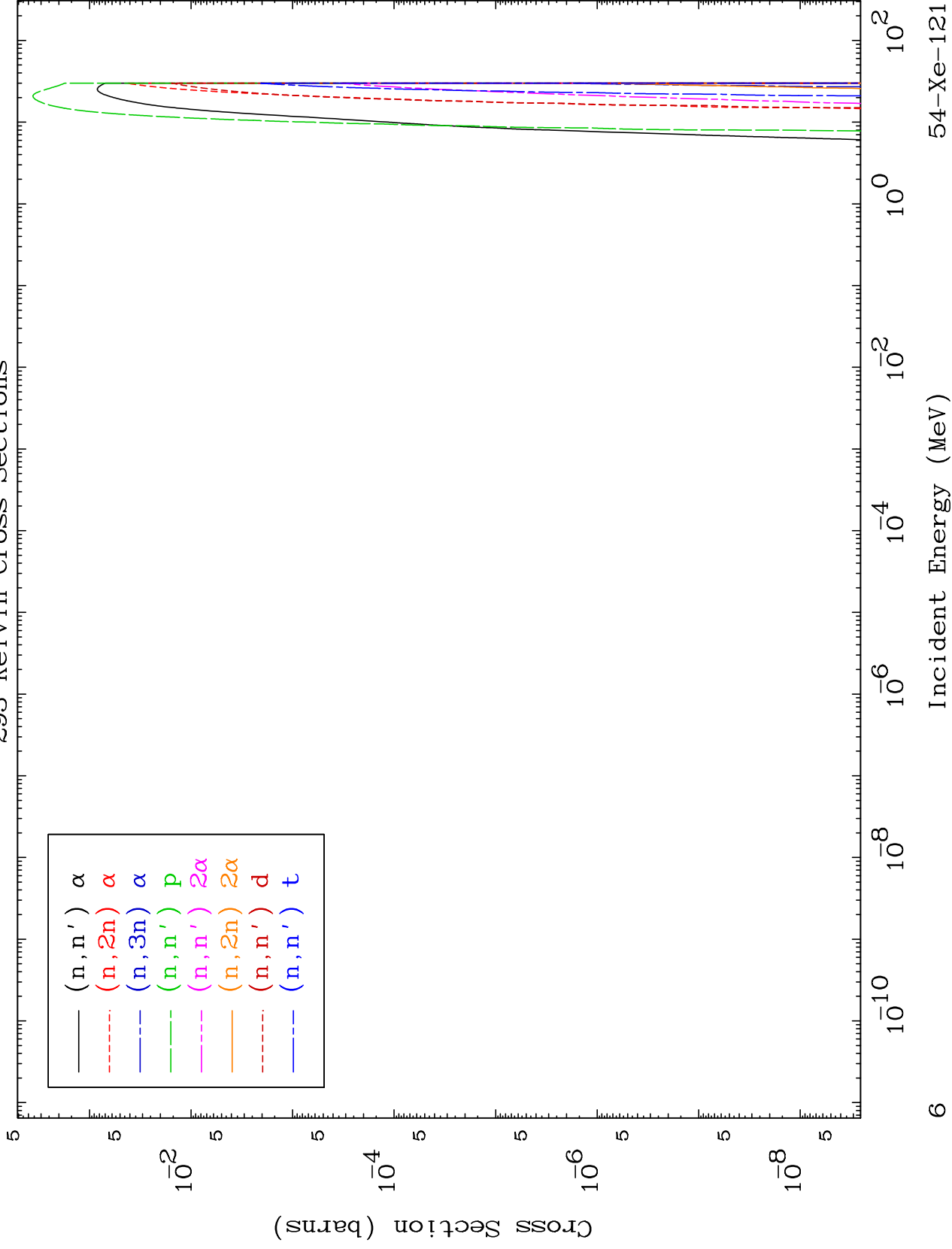
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MAT 5416

Charged Particle
293 Kelvin Cross Sections

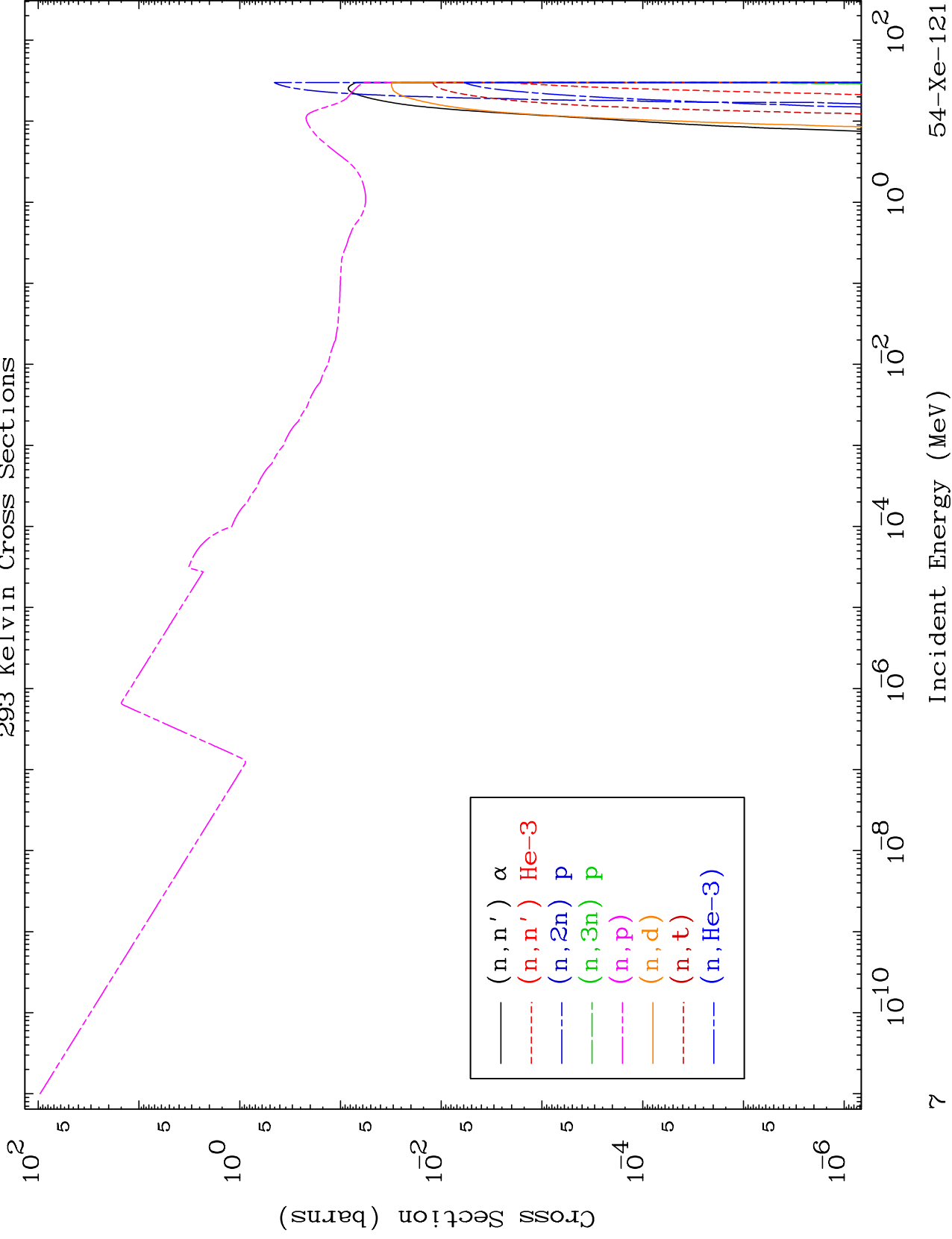
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MAT 5416

Charged Particle
293 Kelvin Cross Sections

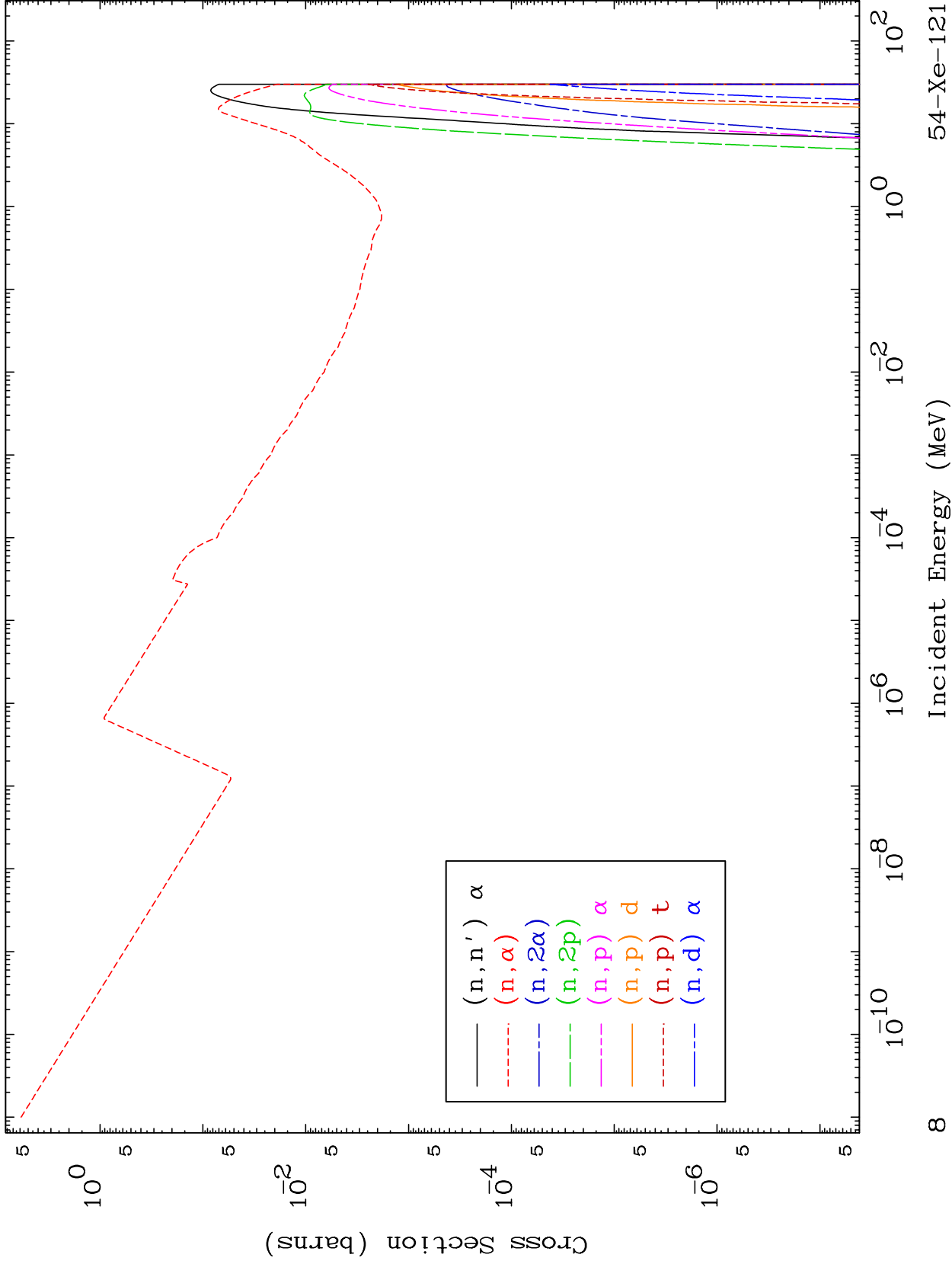
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MAT 5416

Charged Particle
293 Kelvin Cross Sections

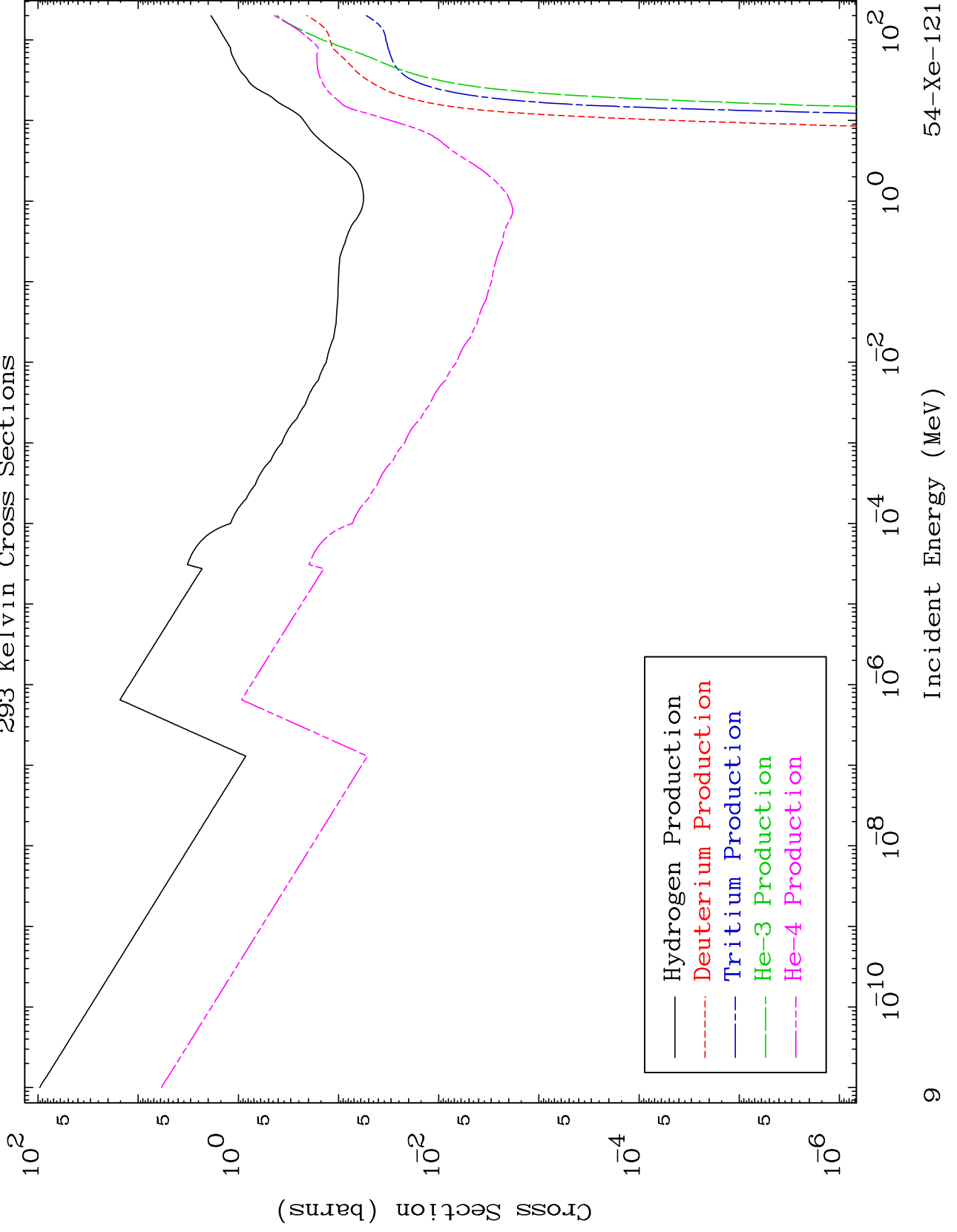
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MAT 5416

Particle Production
293 Kelvin Cross Sections

54-Xe-121

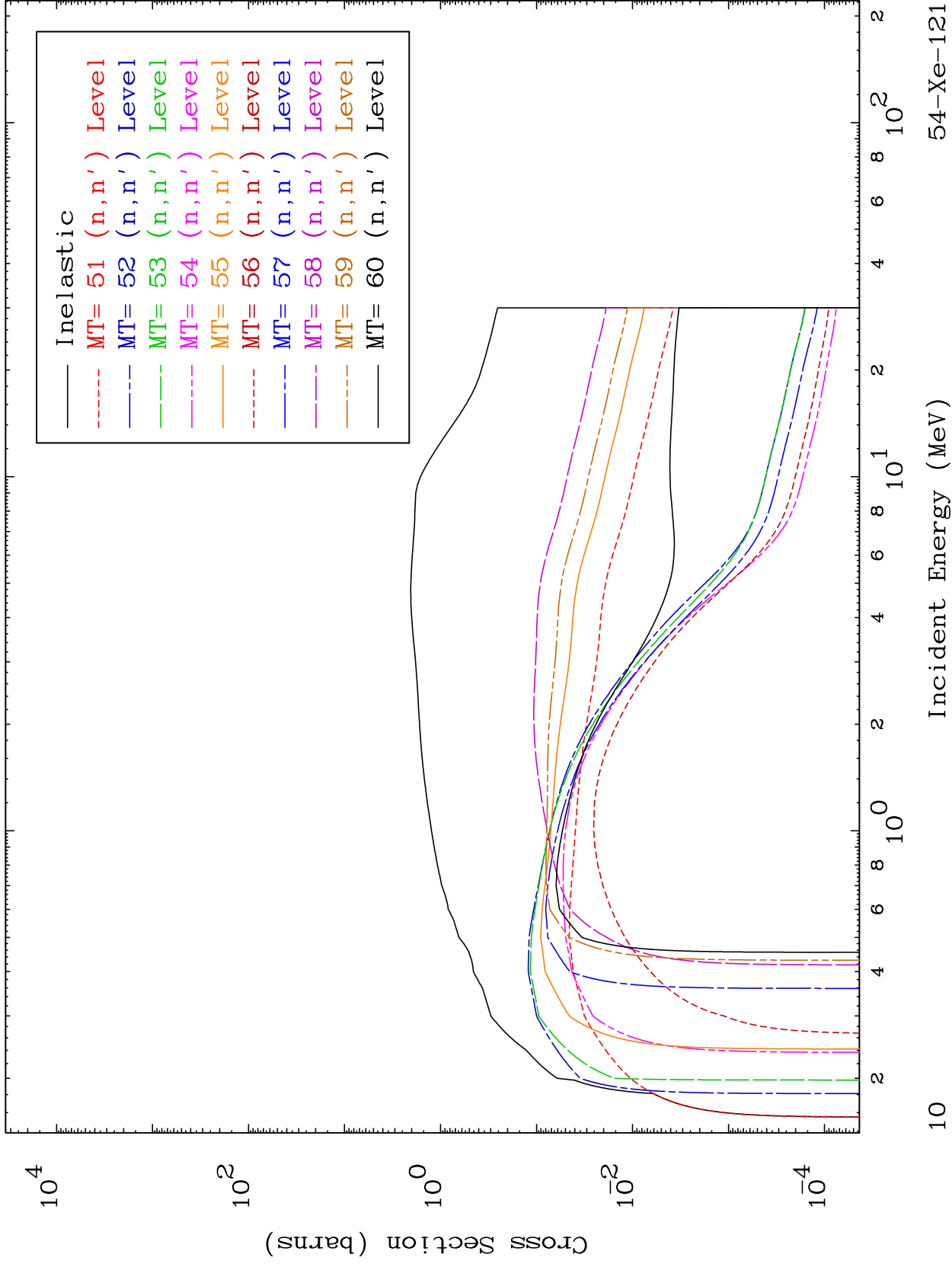


MAT 5416

(n,n') Levels

54-Xe-121

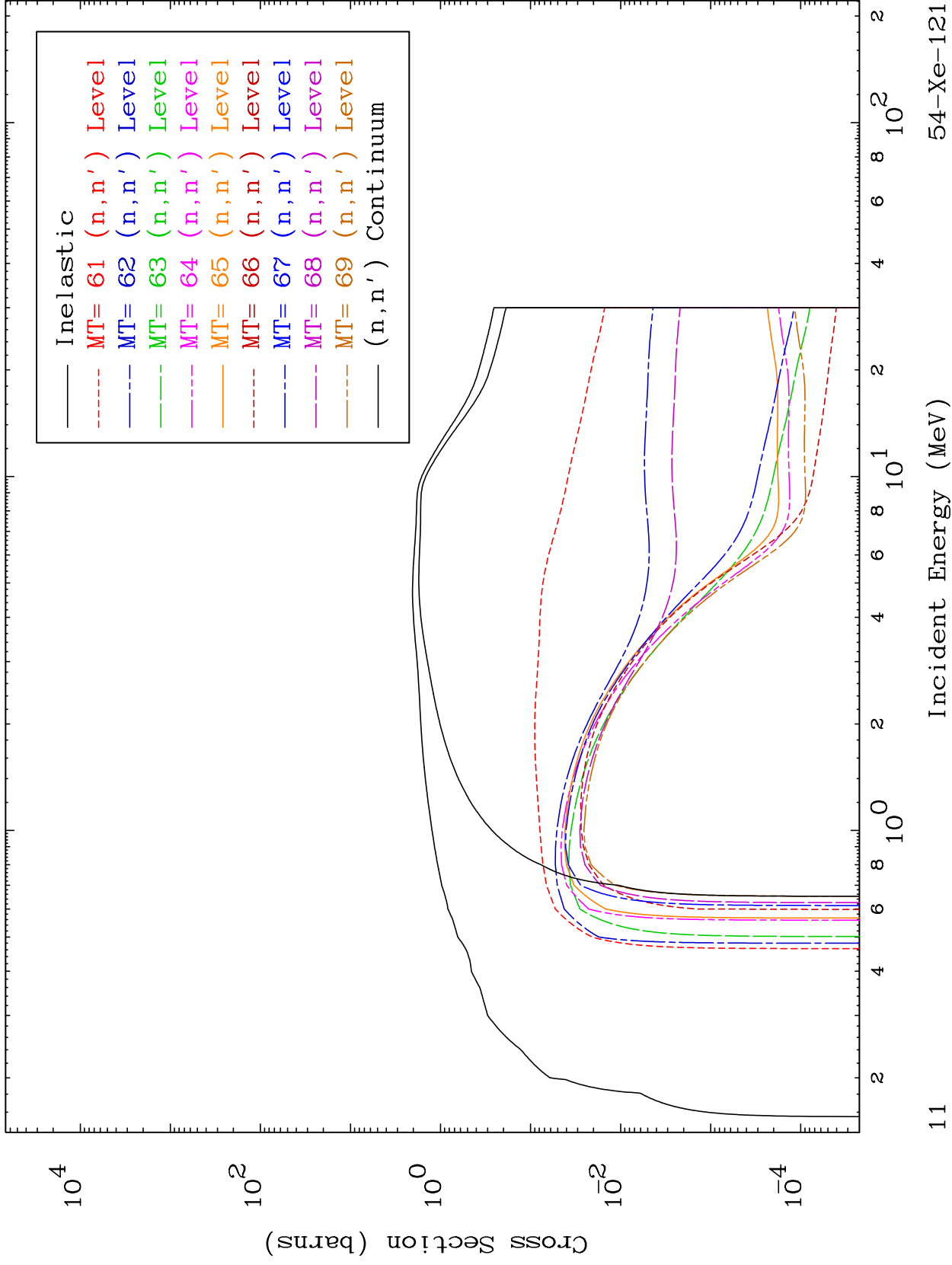
293 Kelvin Cross Sections



10

Incident Energy (MeV)

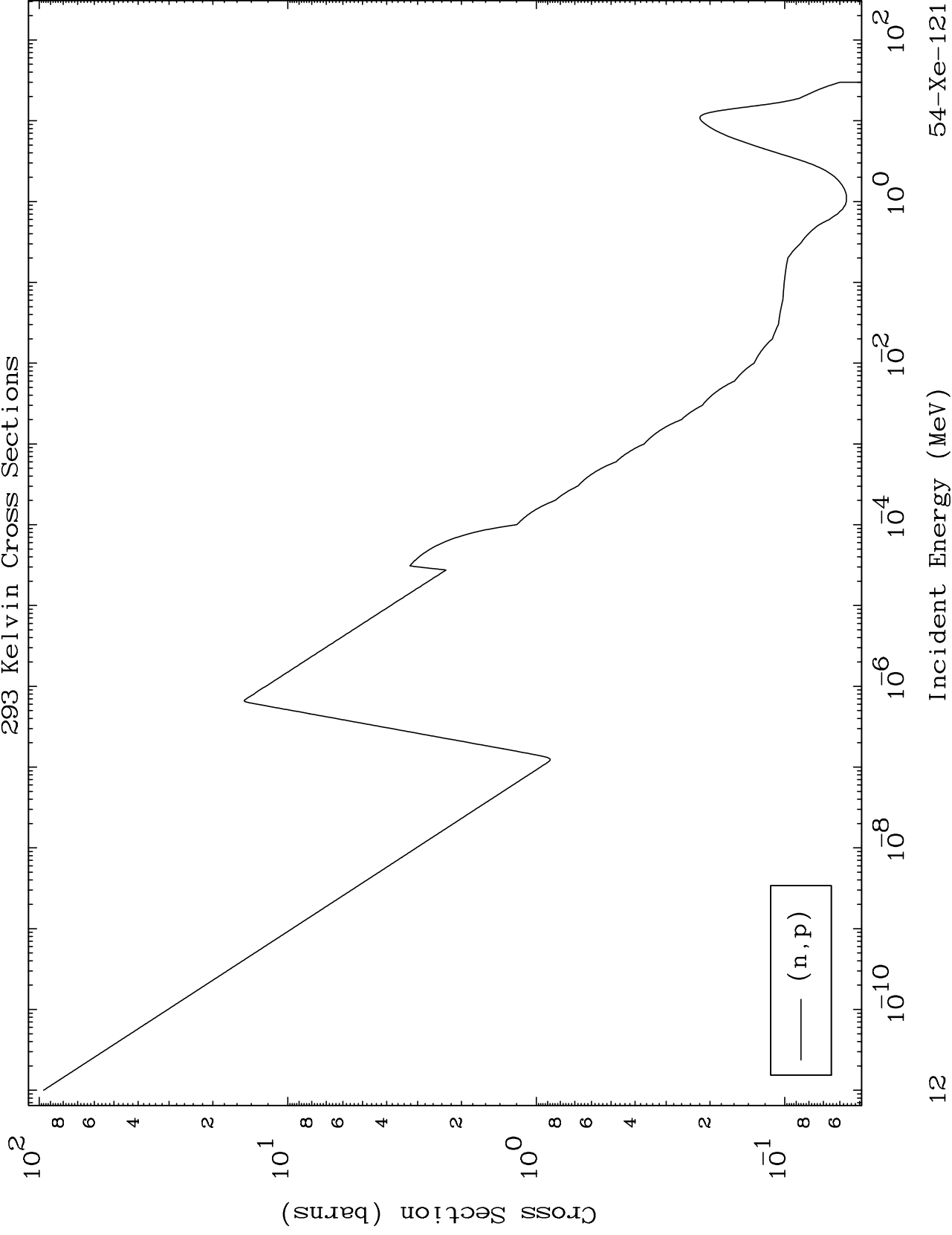
54-Xe-121



MAT 5416

(n,p) Levels
293 Kelvin Cross Sections

54-Xe-121

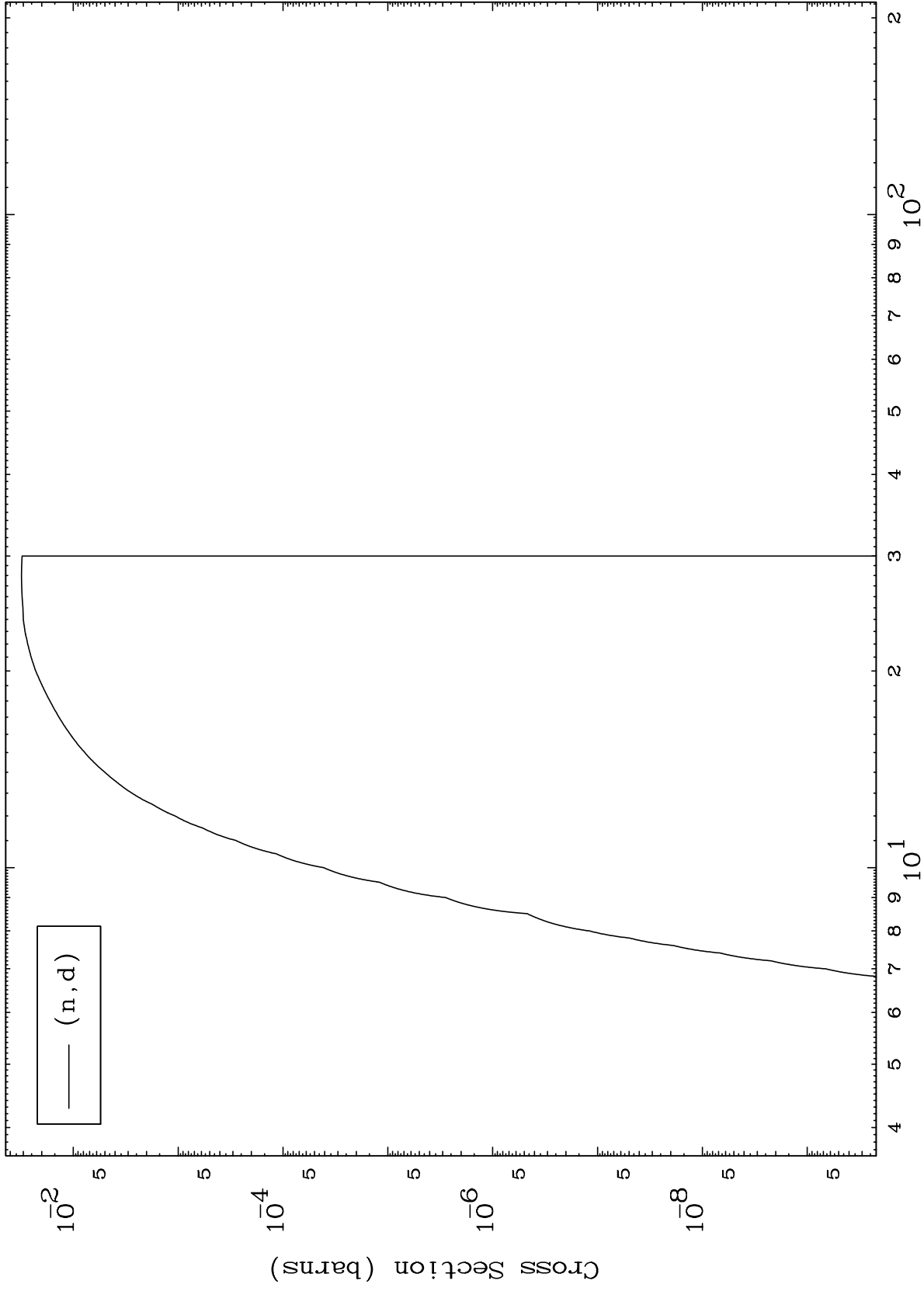


12

MAT 5416

(n,d) Levels
293 Kelvin Cross Sections

54-Xe-121



13

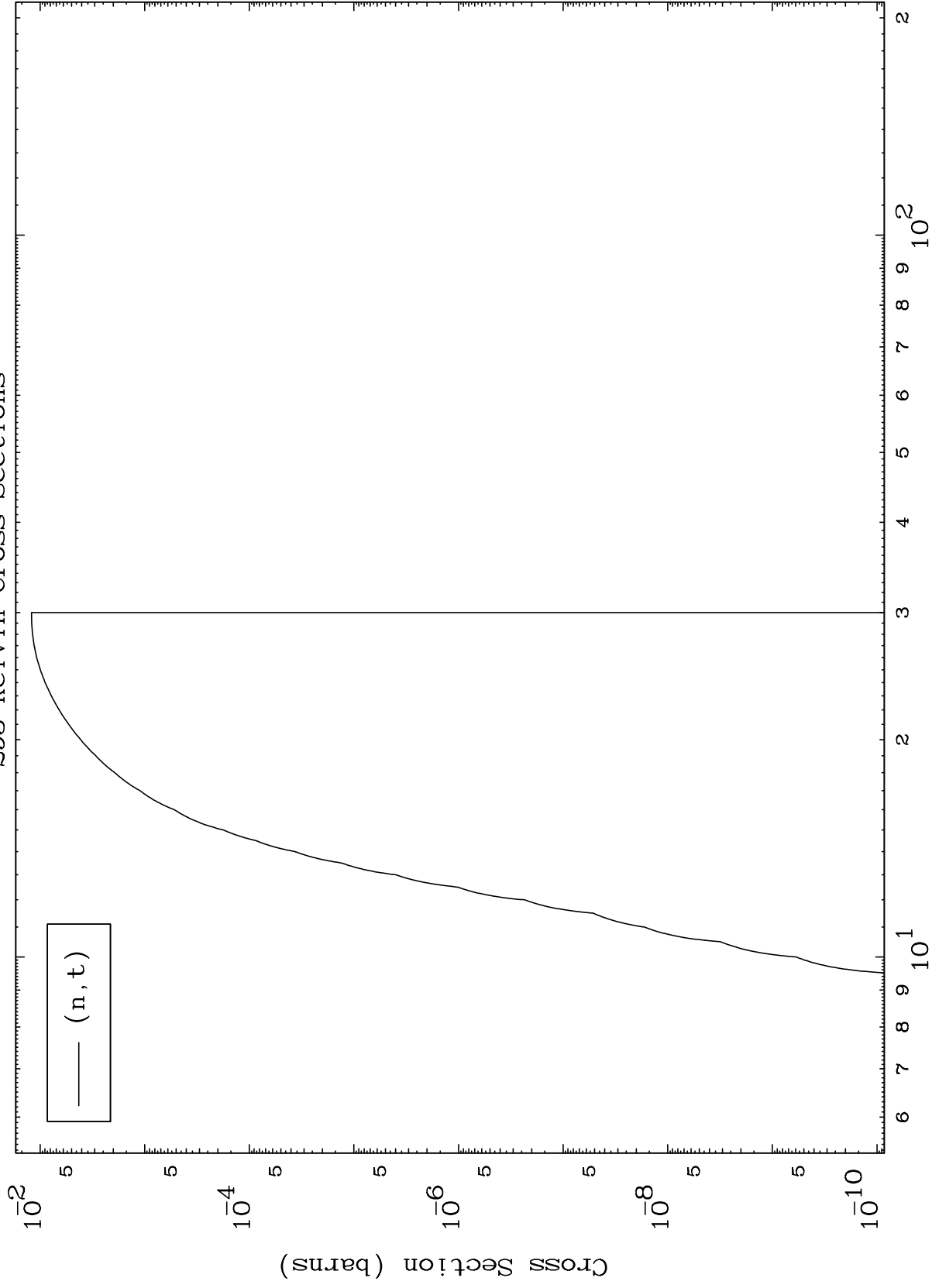
Incident Energy (MeV)

54-Xe-121

MAT 5416

(n,t) Levels
293 Kelvin Cross Sections

54-Xe-121



14

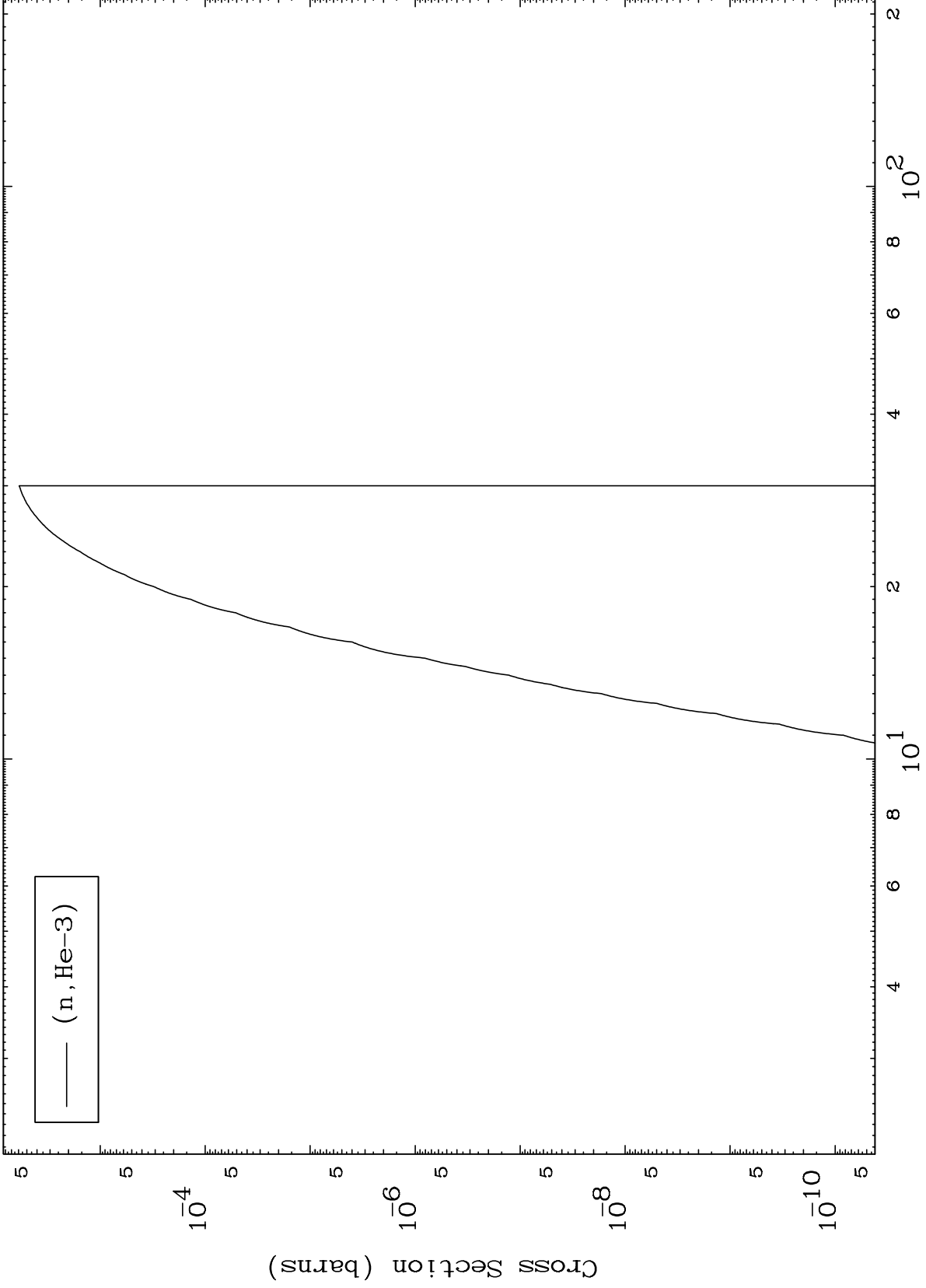
Incident Energy (MeV)

54-Xe-121

MAT 5416

(n,He3) Levels
293 Kelvin Cross Sections

54-Xe-121



15

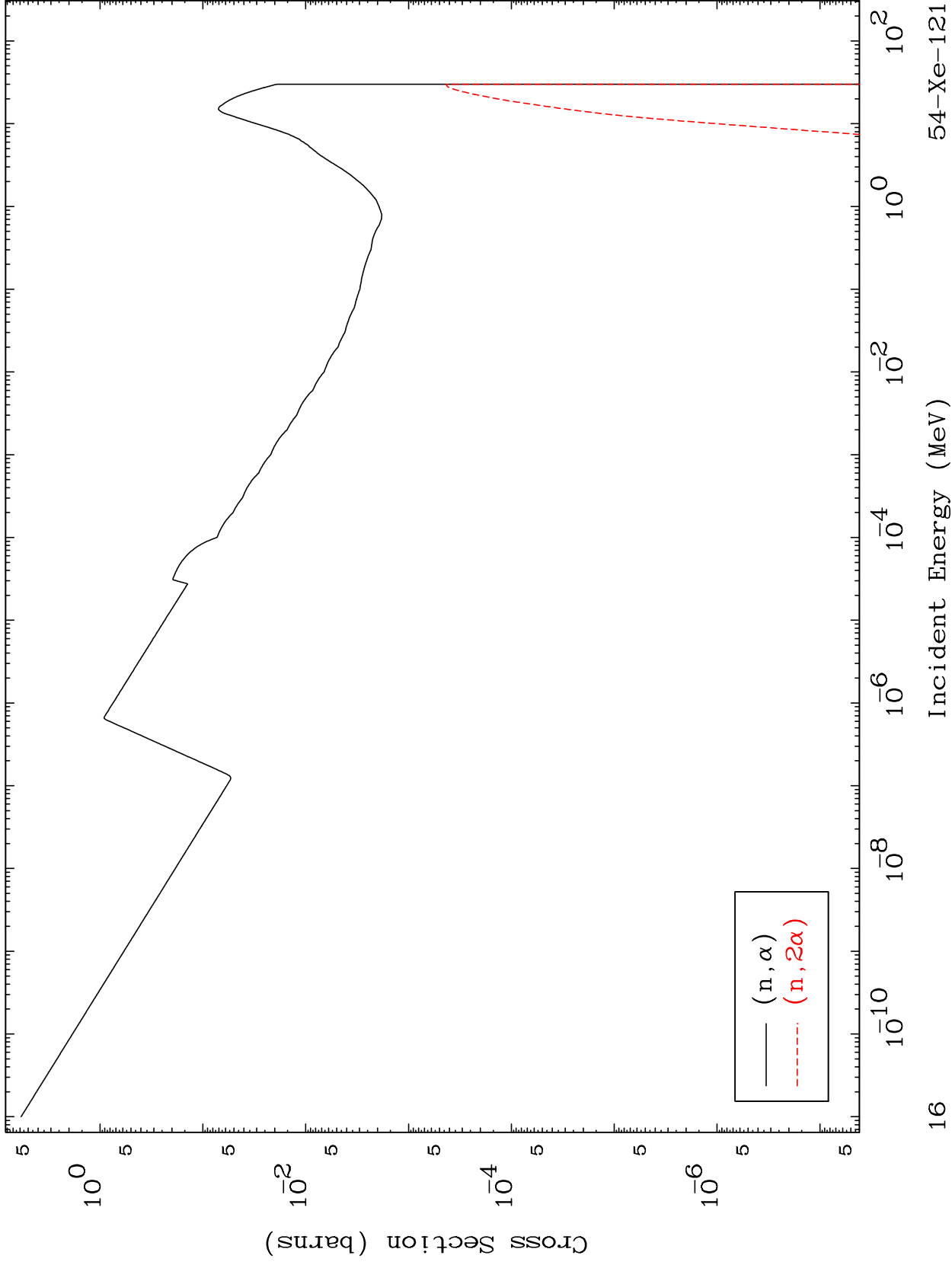
Incident Energy (MeV)

54-Xe-121

MAT 5416

(n,α) Levels
293 Kelvin Cross Sections

54-Xe-121

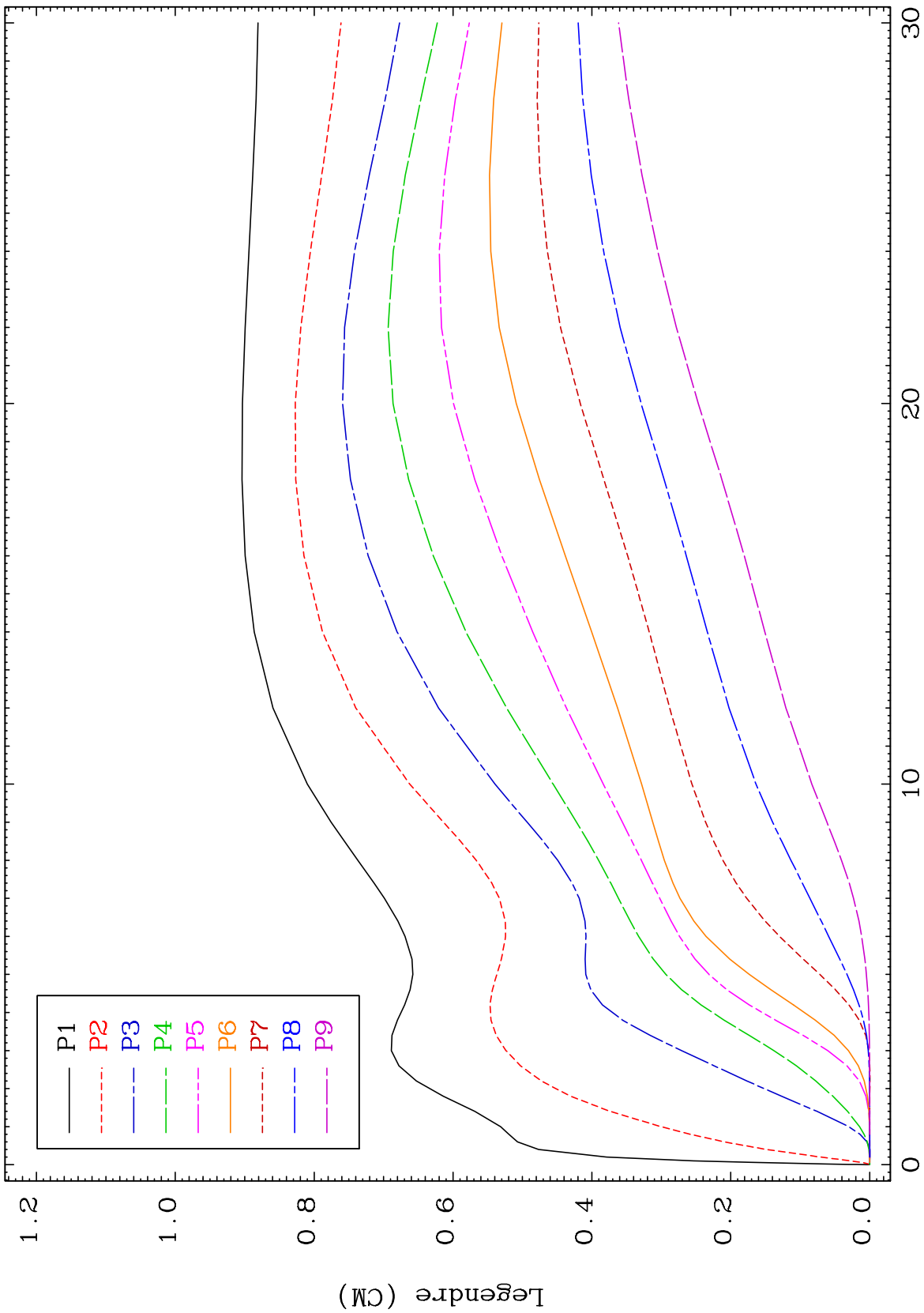


16

MAT 5416

Elastic Legendre Coefficients

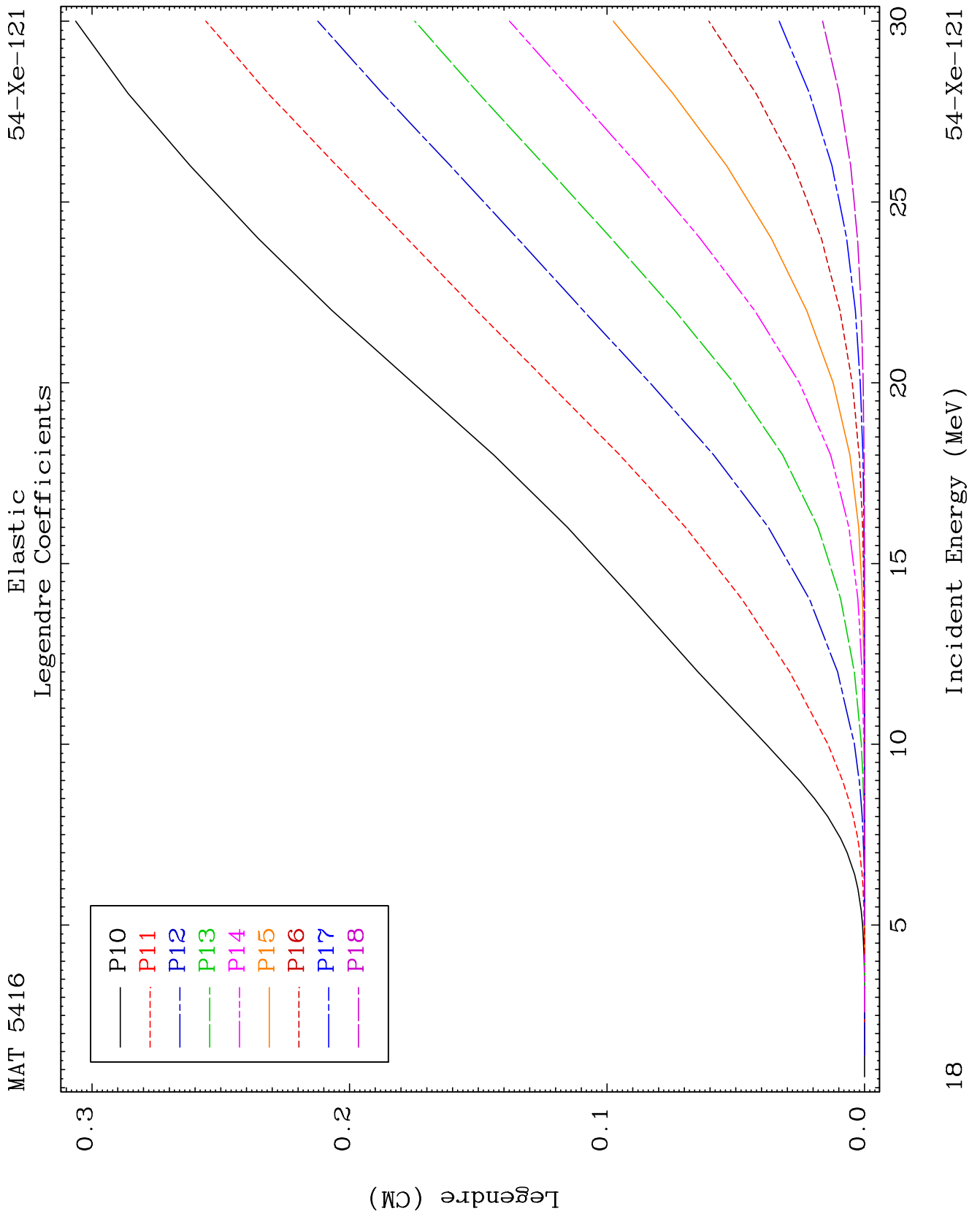
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Incident Energy (MeV)

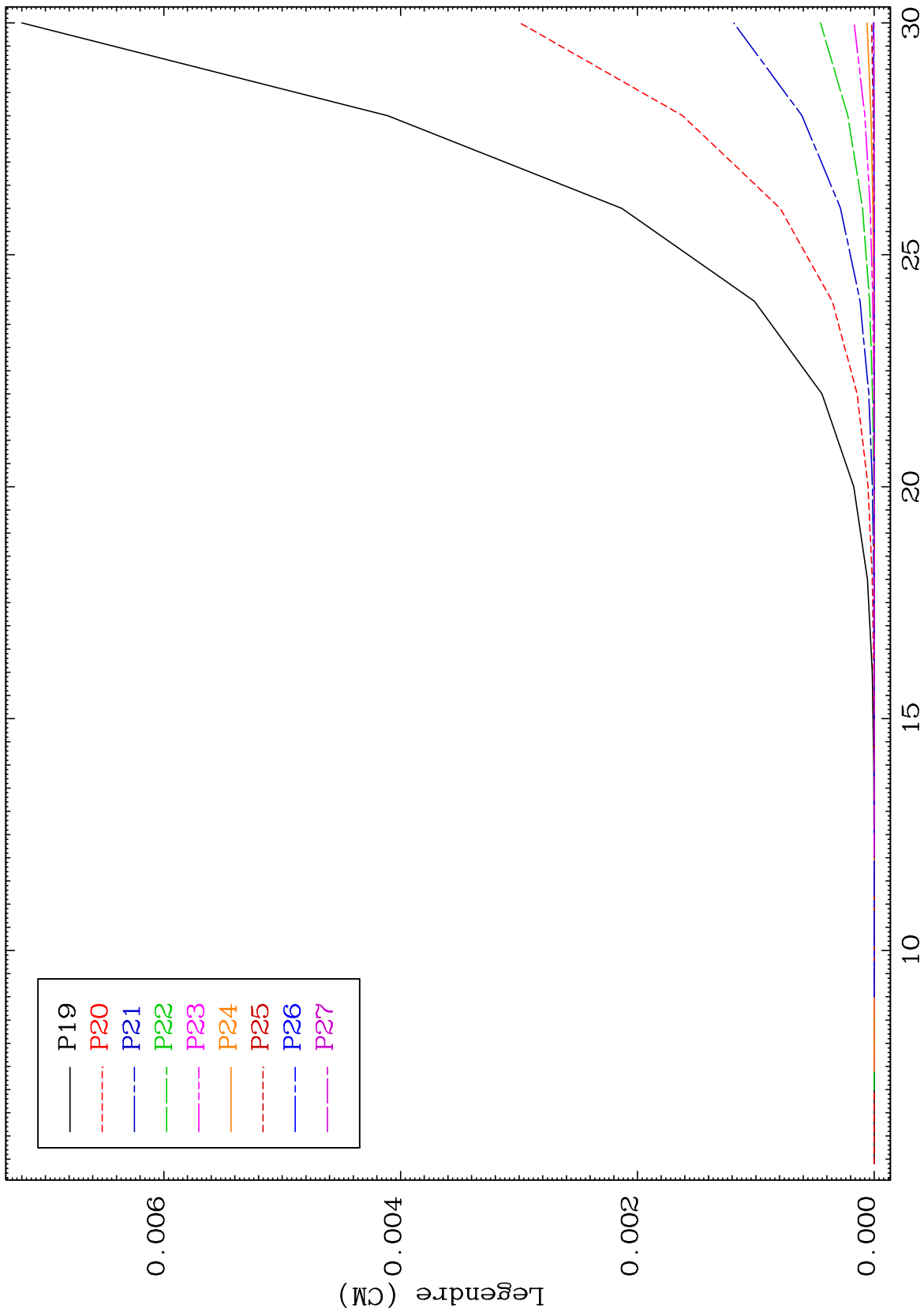
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MAT 5416

Elastic
Legendre Coefficients

54-Xe-121



19

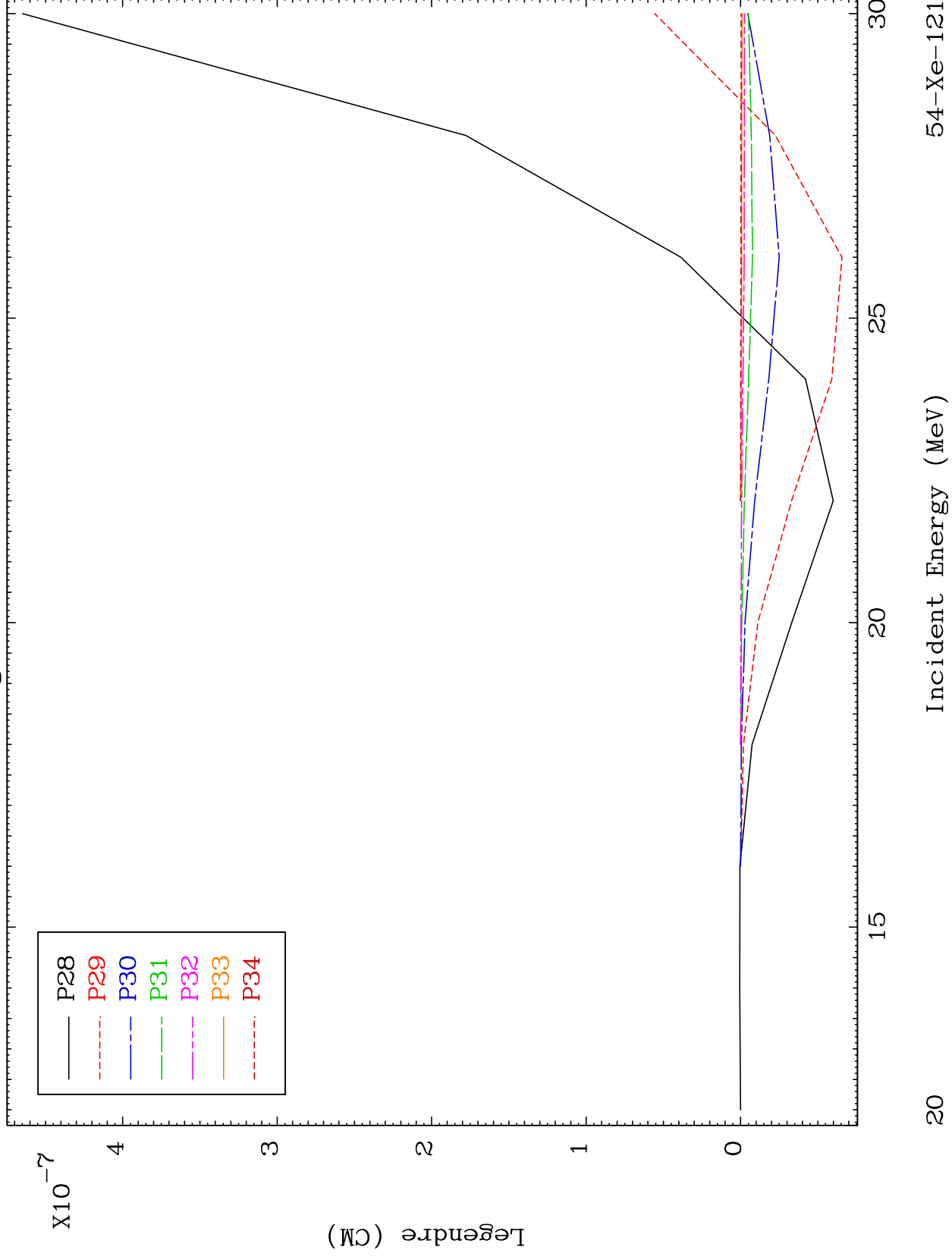
Incident Energy (MeV)

54-Xe-121

MAT 5416

Elastic
Legendre Coefficients

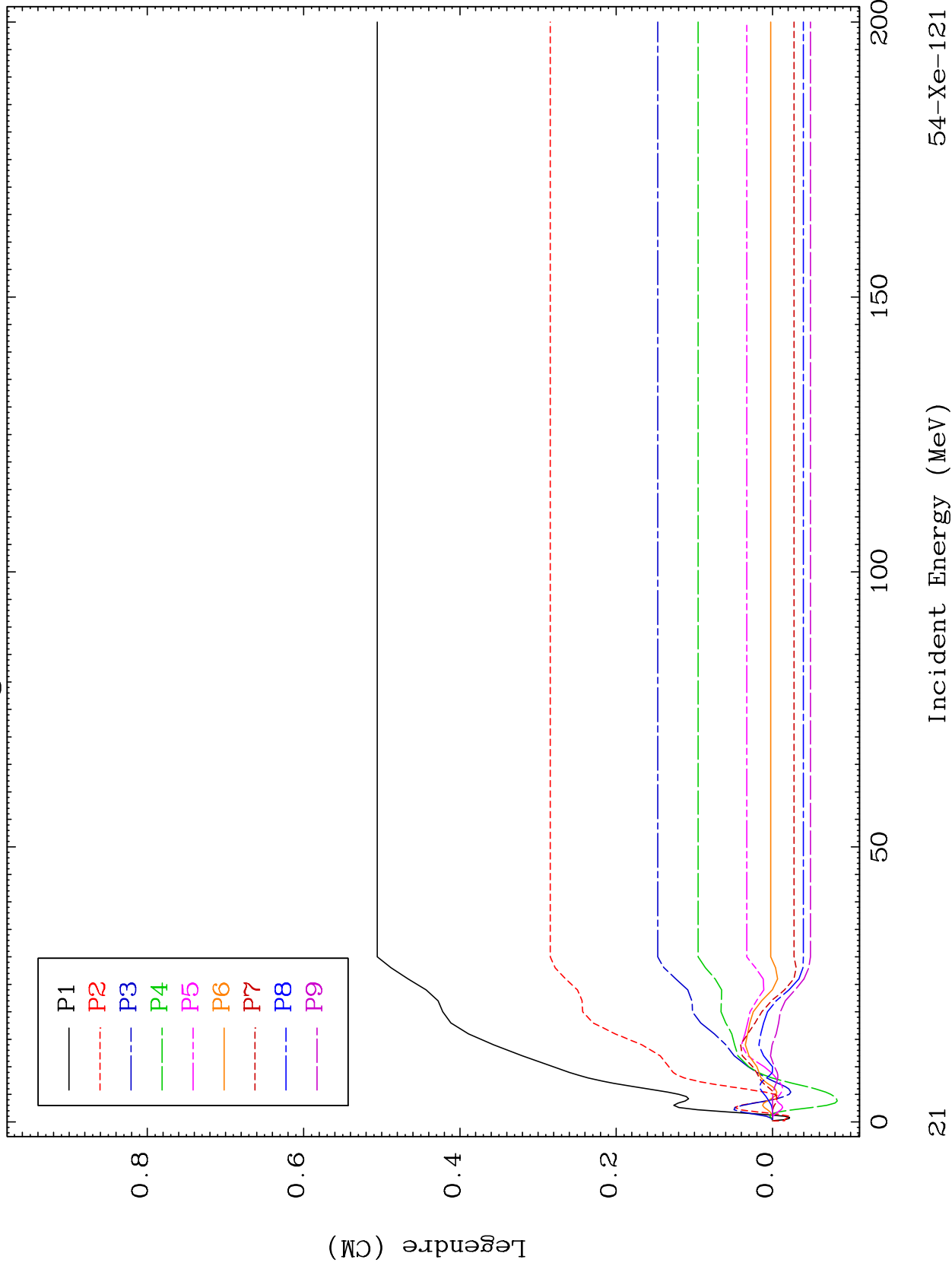
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MAT 5416

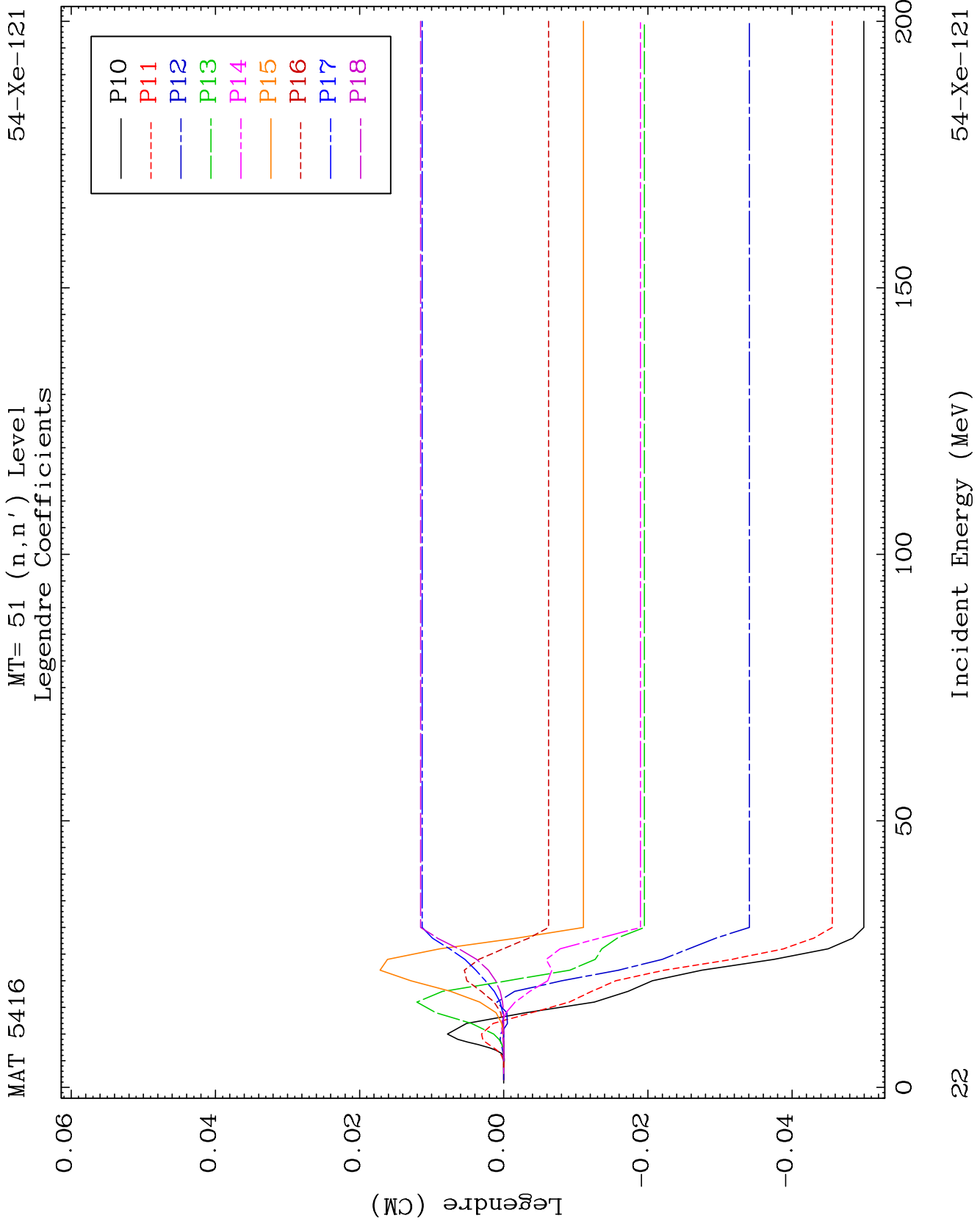
MT= 51 (n,n') Level
Legendre Coefficients

54-Xe-121



21

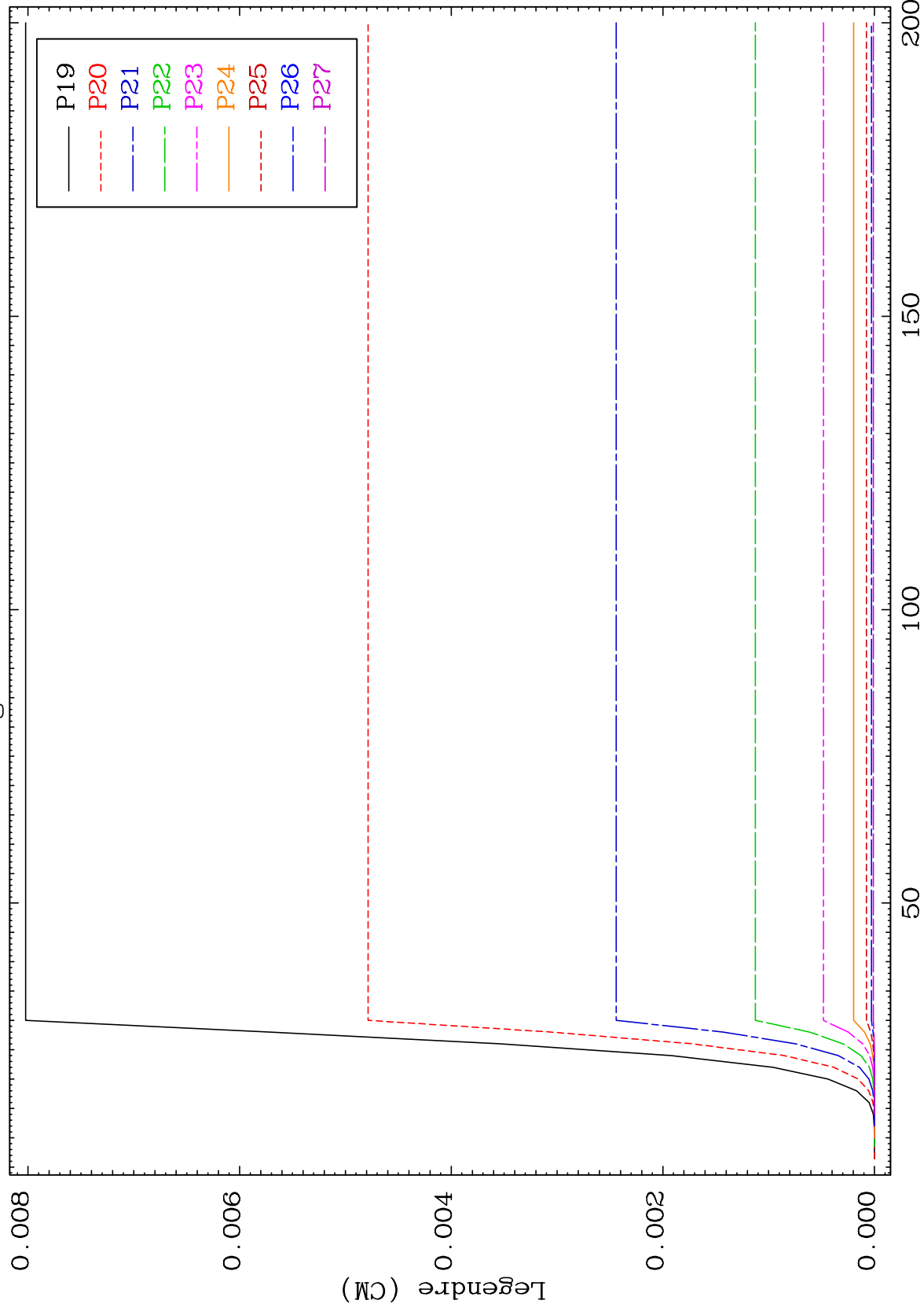
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MAT 5416

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

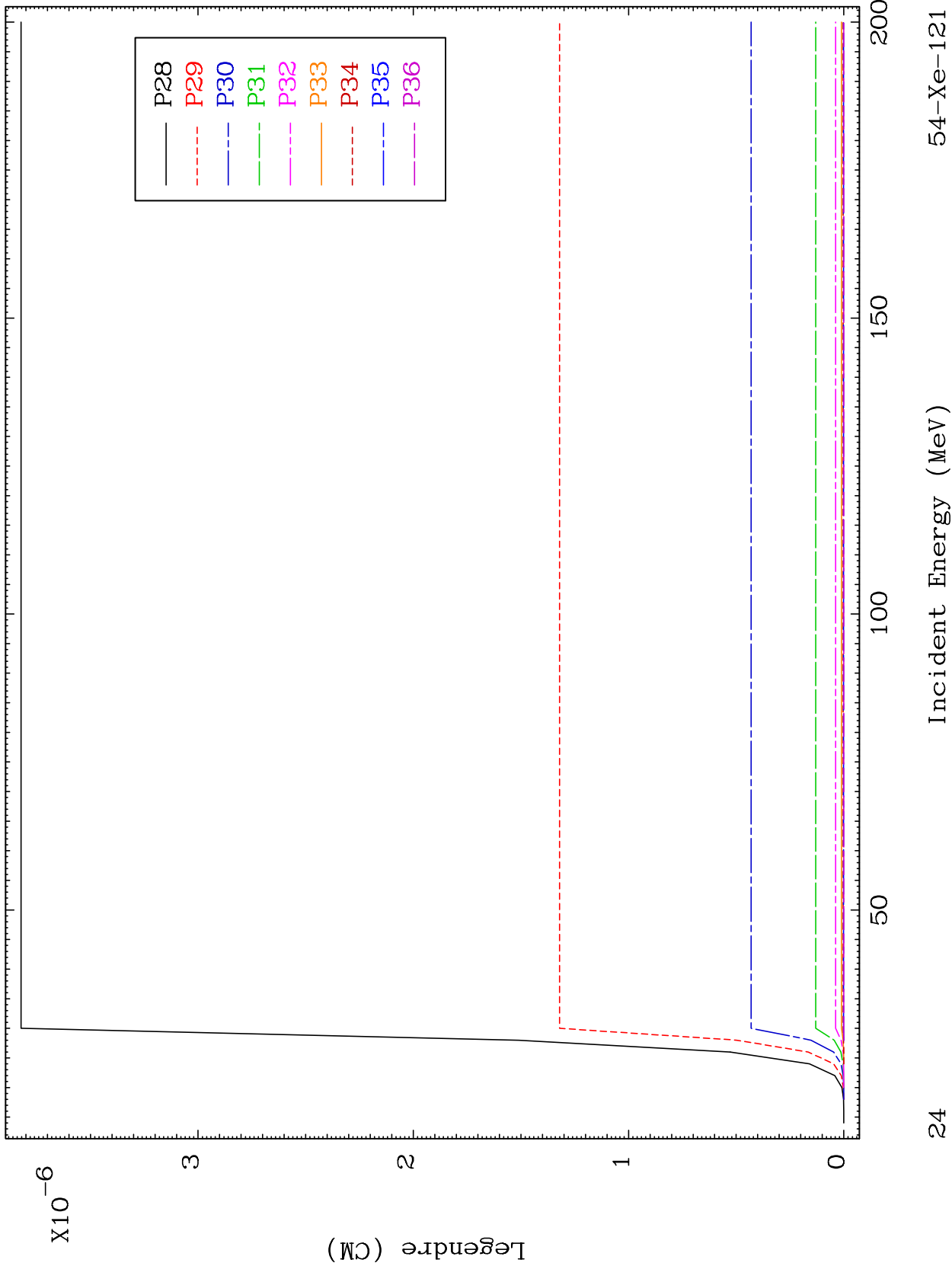
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MAT 5416

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

54-Xe-121



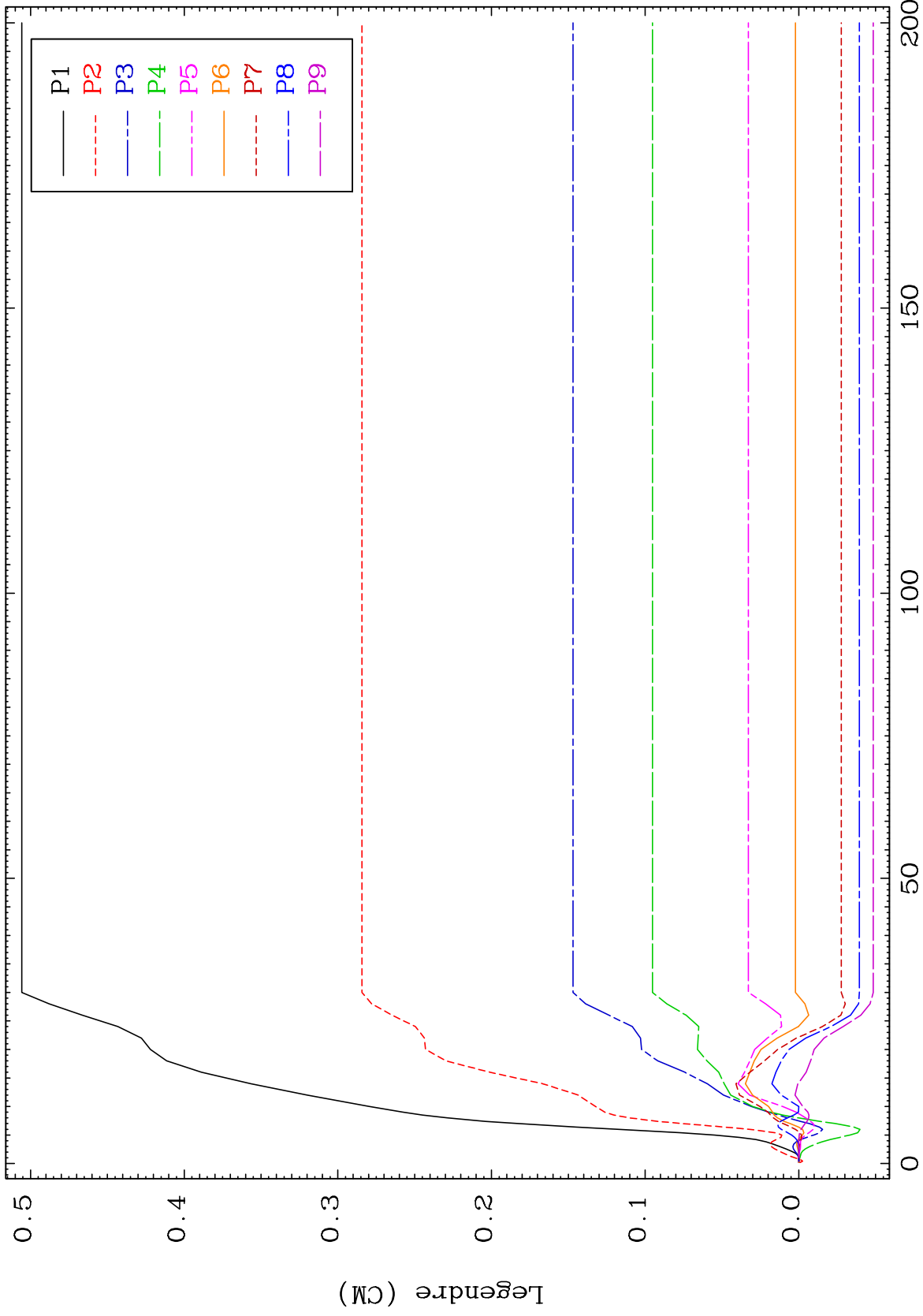
24

54-Xe-121

MAT 5416

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

54-Xe-121



25

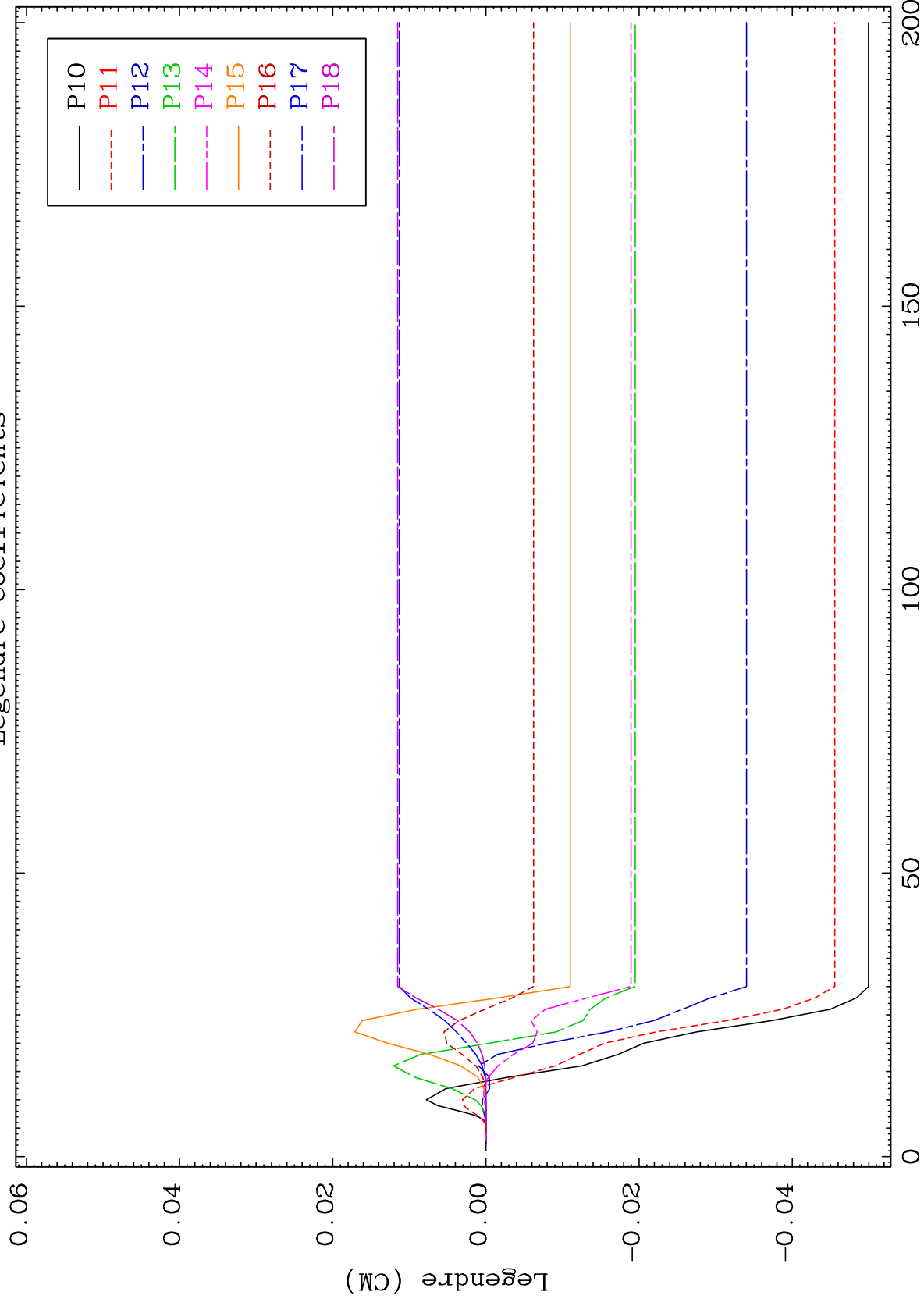
Incident Energy (MeV)

54-Xe-121

MAT 5416

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

54-Xe-121



26

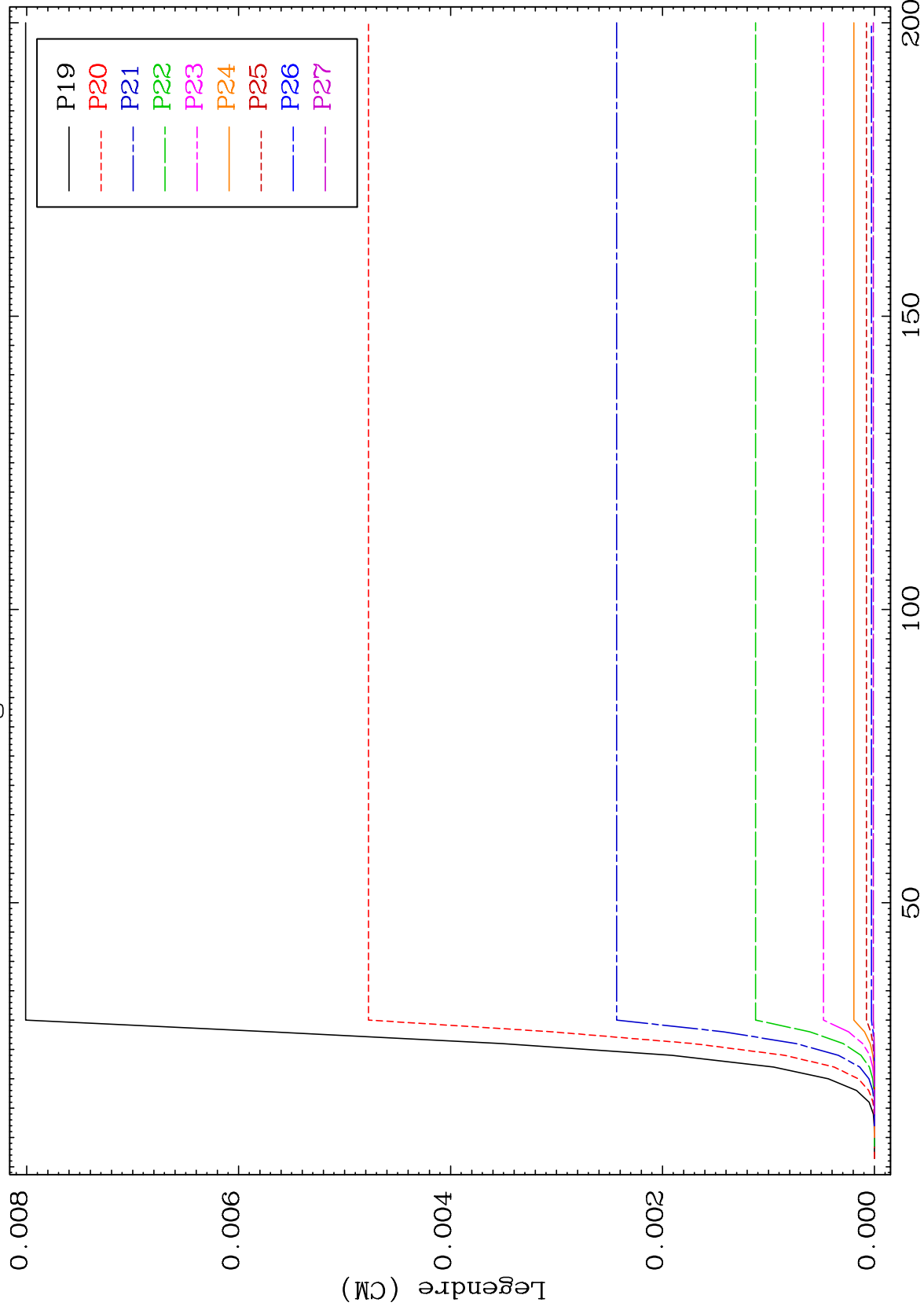
Incident Energy (MeV)

54-Xe-121

MAT 5416

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

54-Xe-121



27

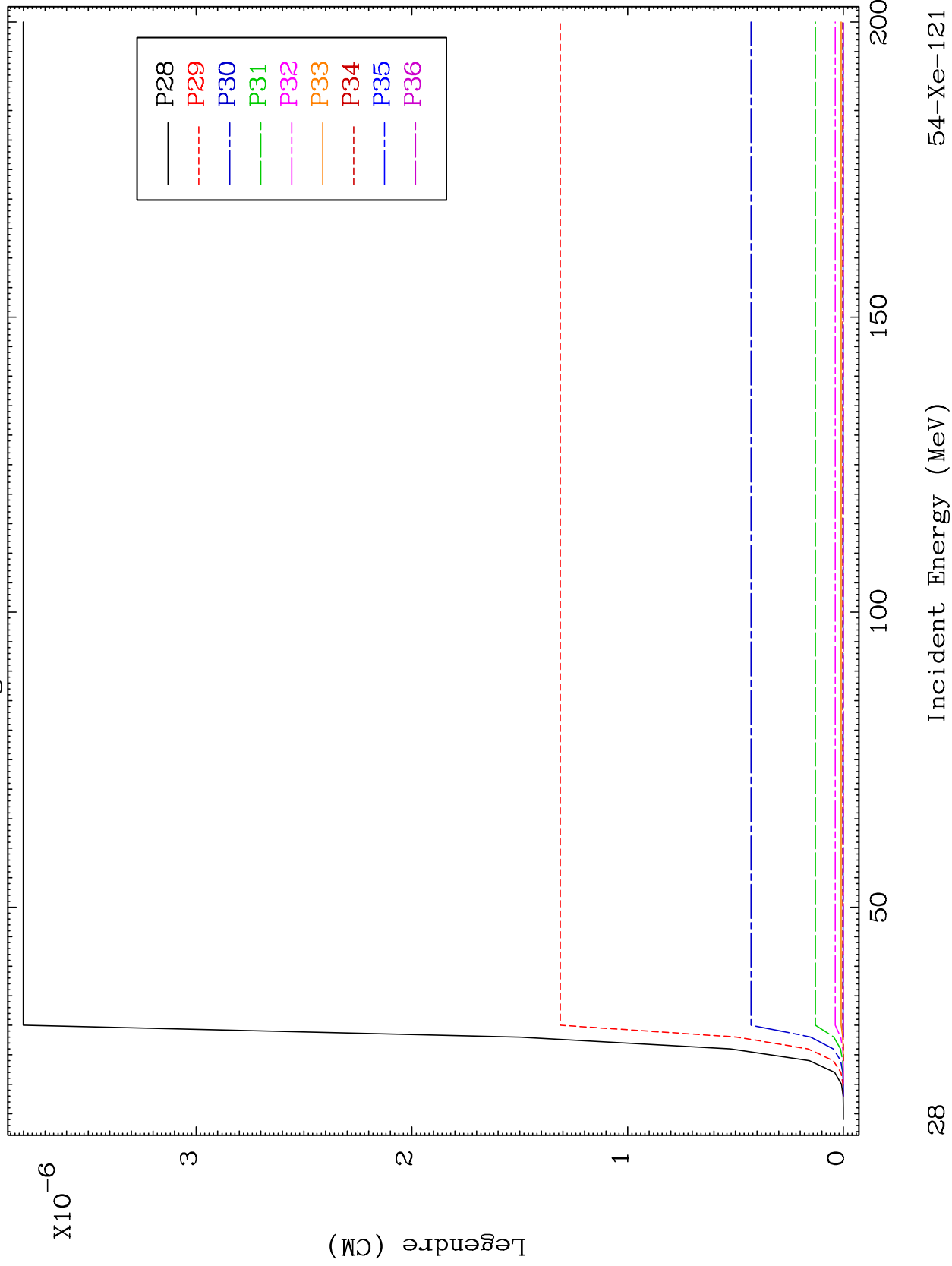
Incident Energy (MeV)

54-Xe-121

MAT 5416

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

54-Xe-121



28

Incident Energy (MeV)

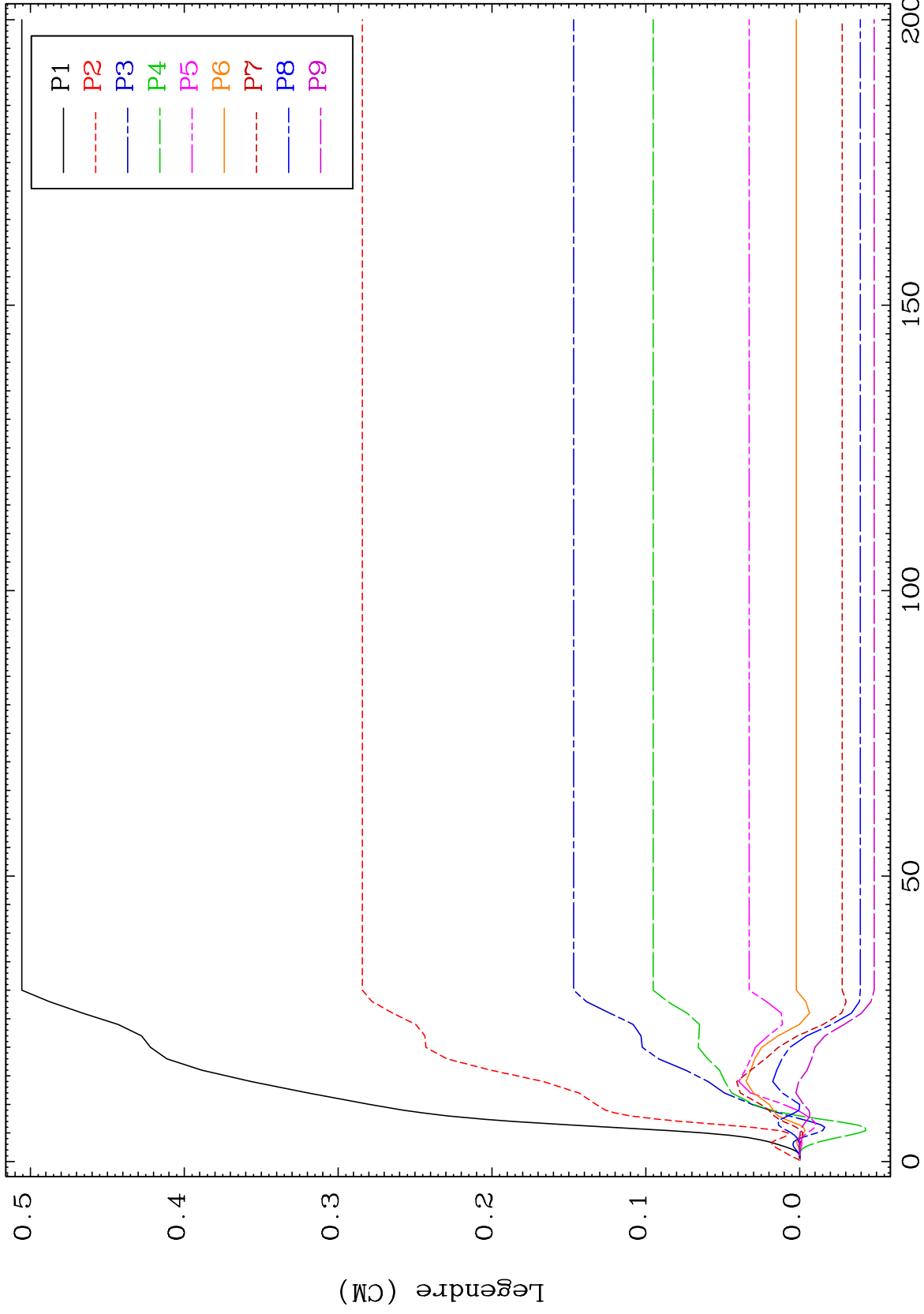
54-Xe-121

MAT 5416

MT= 53 (n,n') Level

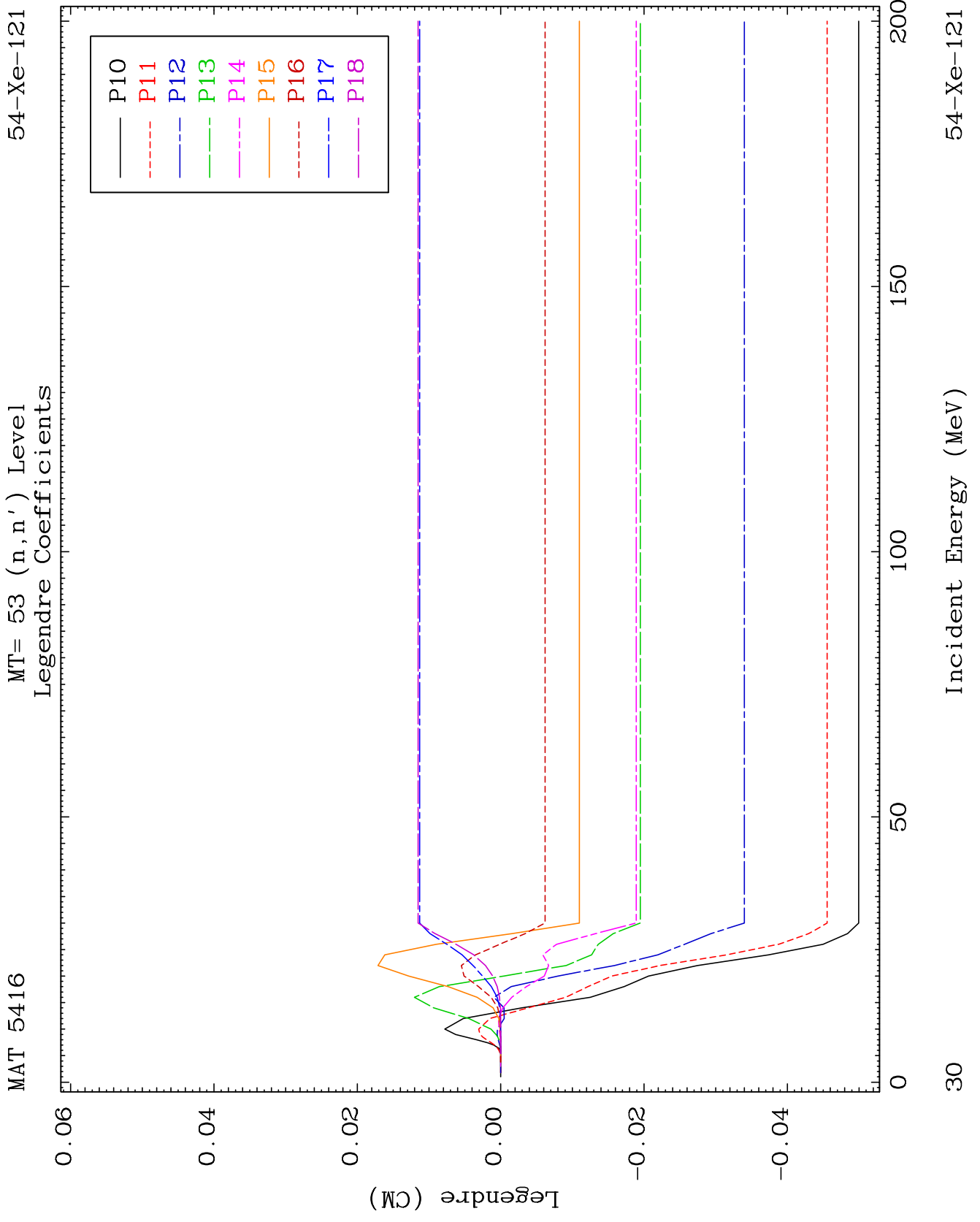
54-Xe-121

Legendre Coefficients



29

54-Xe-121

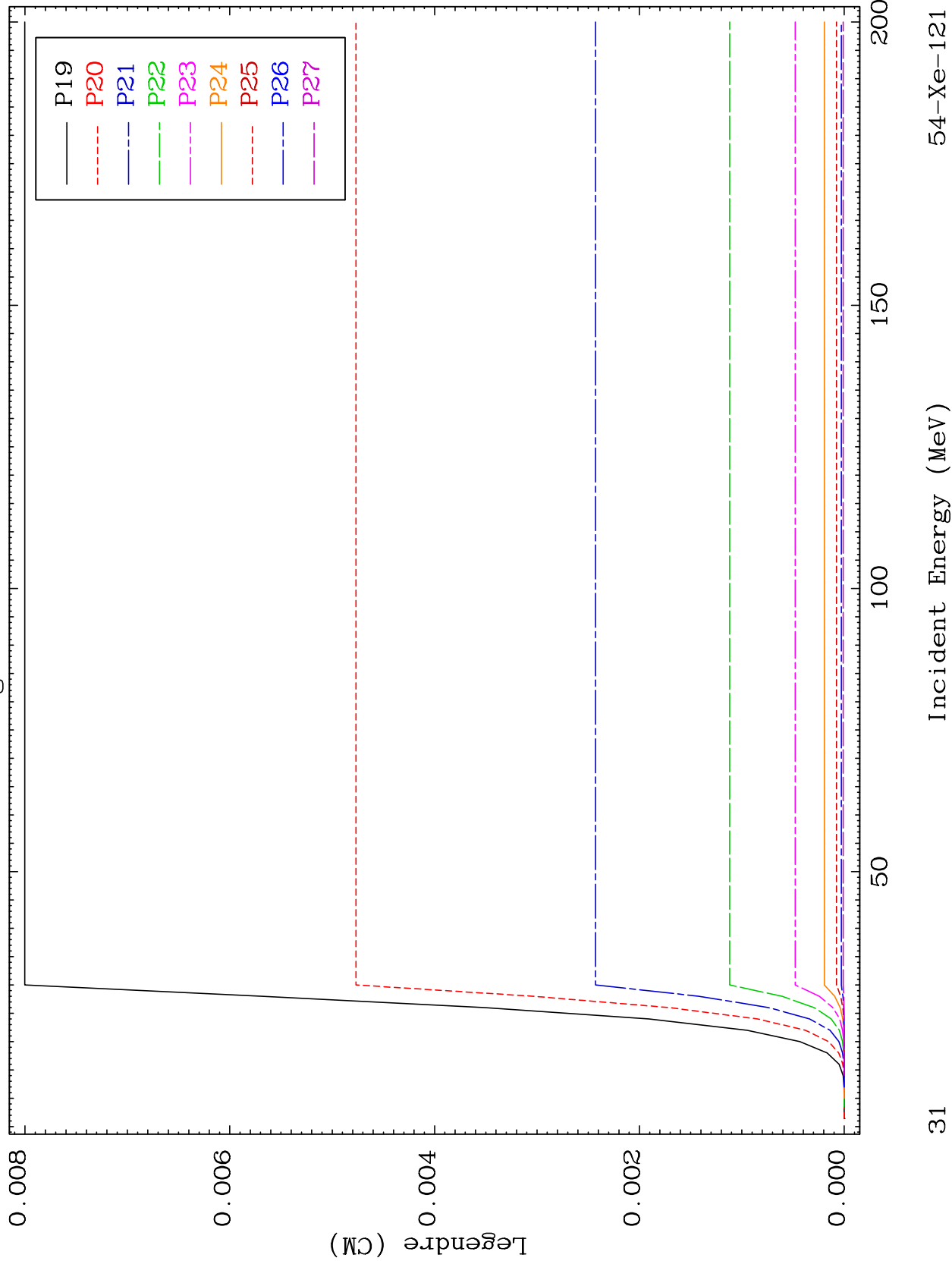


MAT 5416

MT= 53 (n,n') Level

54-Xe-121

Legendre Coefficients



31

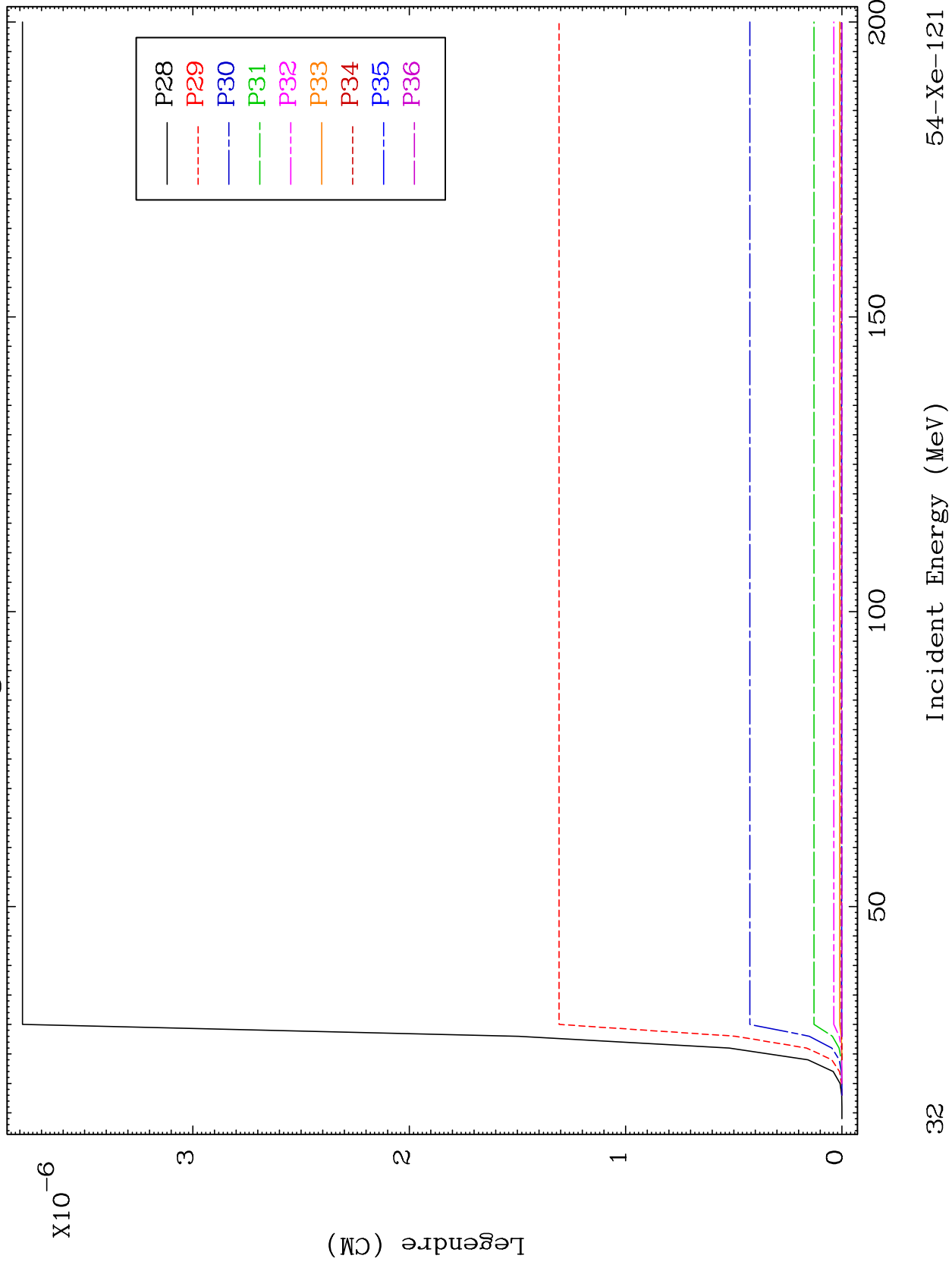
Incident Energy (MeV)

54-Xe-121

MAT 5416

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

54-Xe-121



32

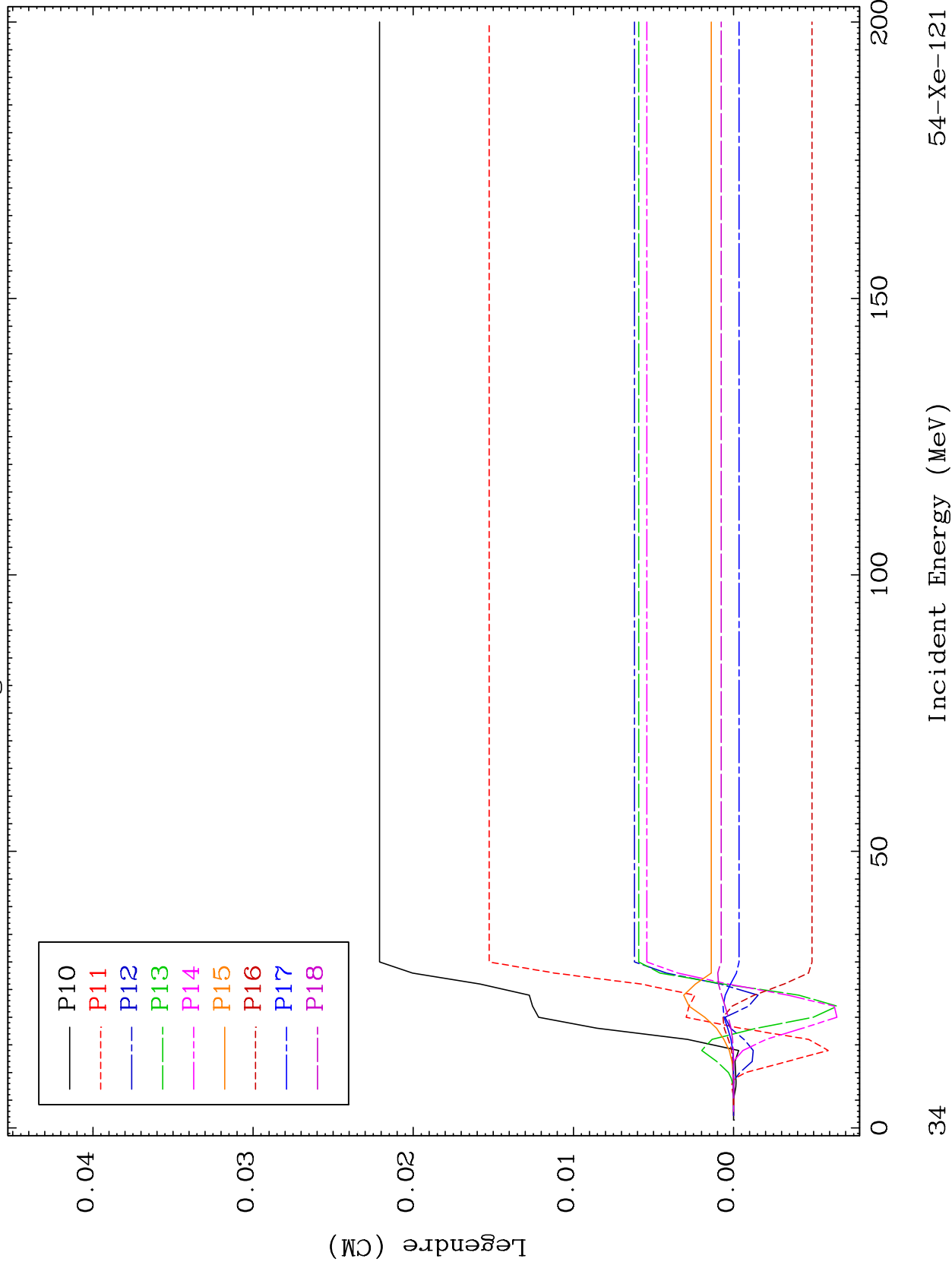
Incident Energy (MeV)

54-Xe-121

MAT 5416

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

54-Xe-121



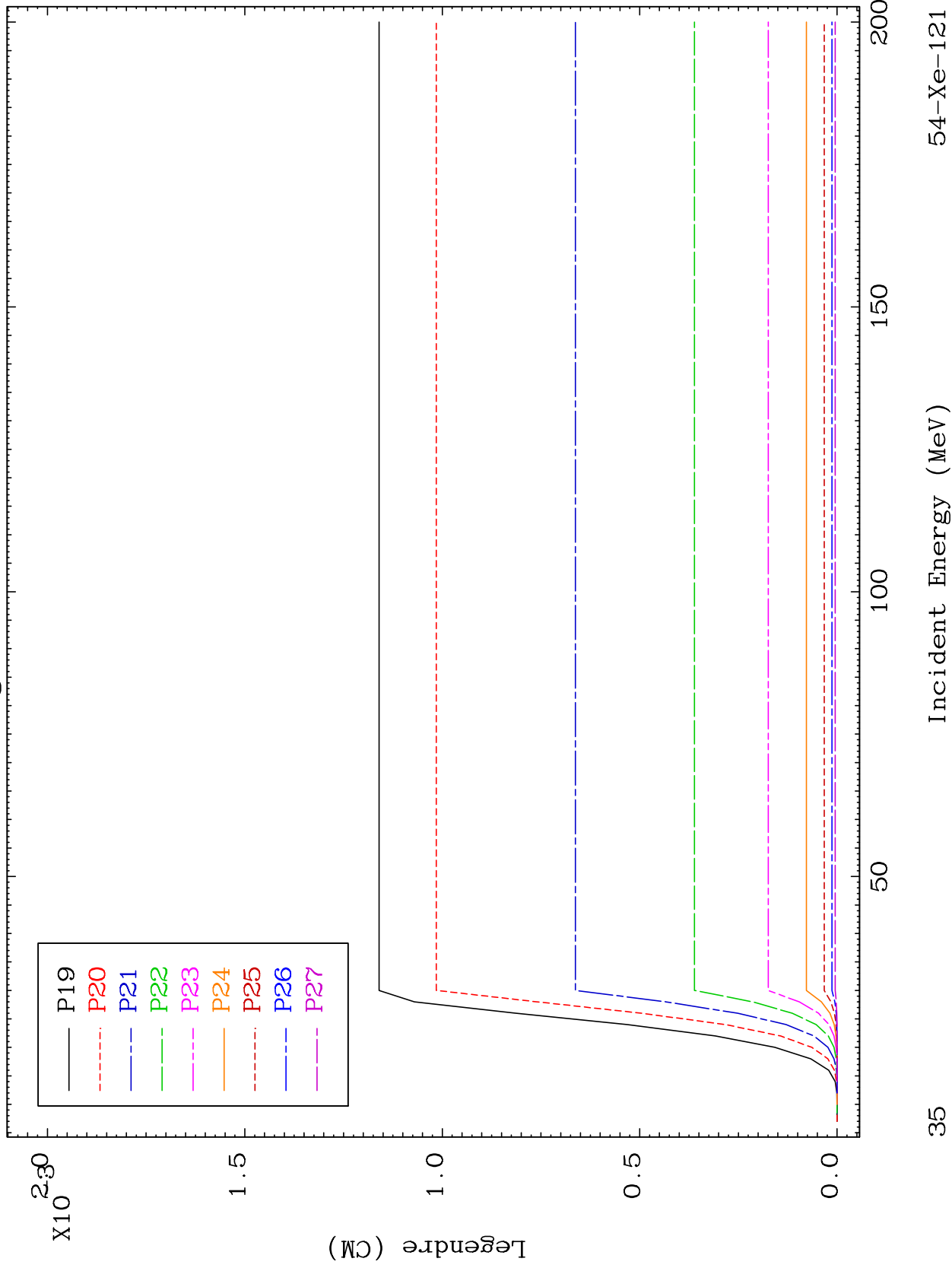
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54-Xe-121

MAT 5416

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

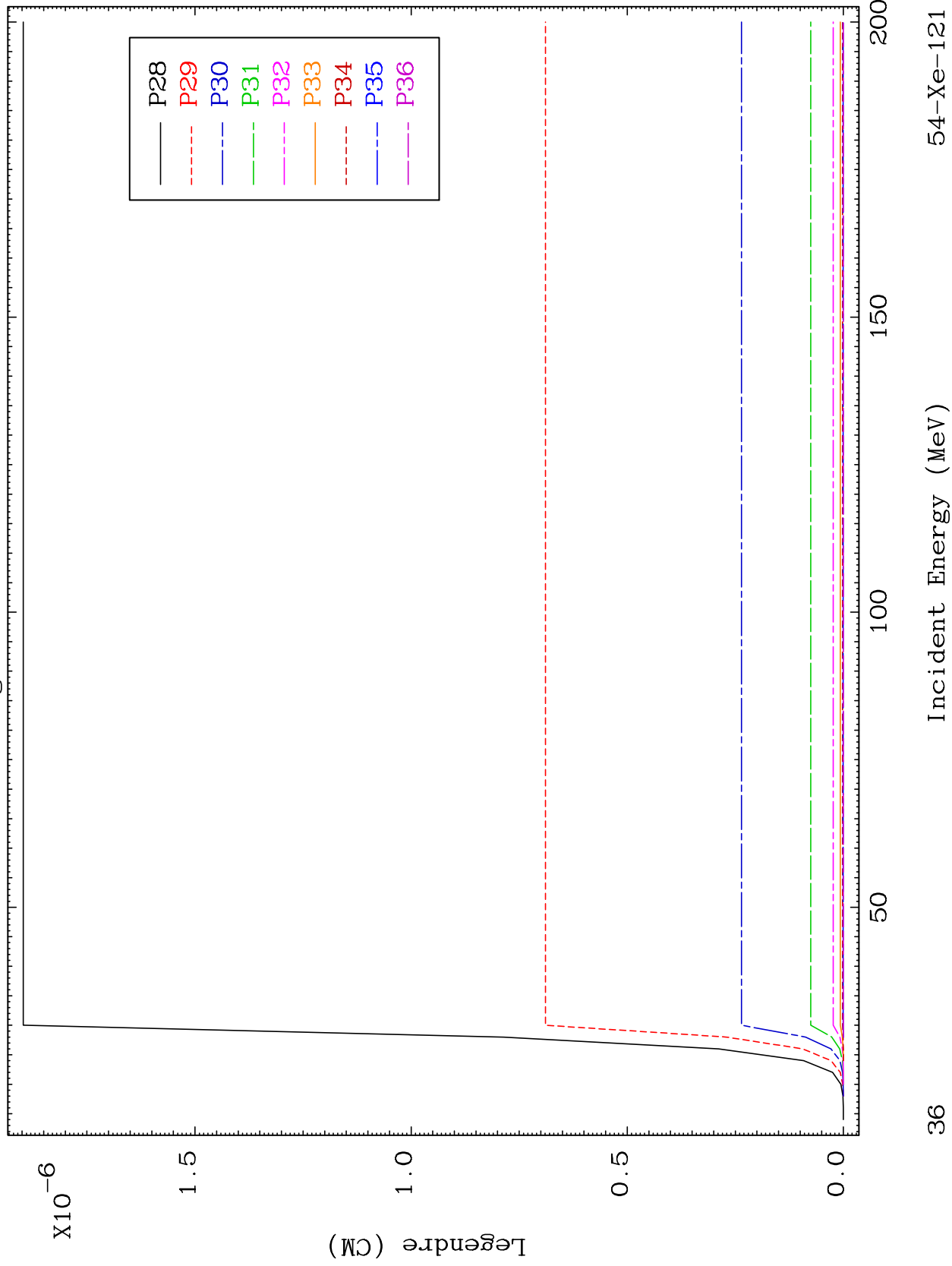
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MAT 5416

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

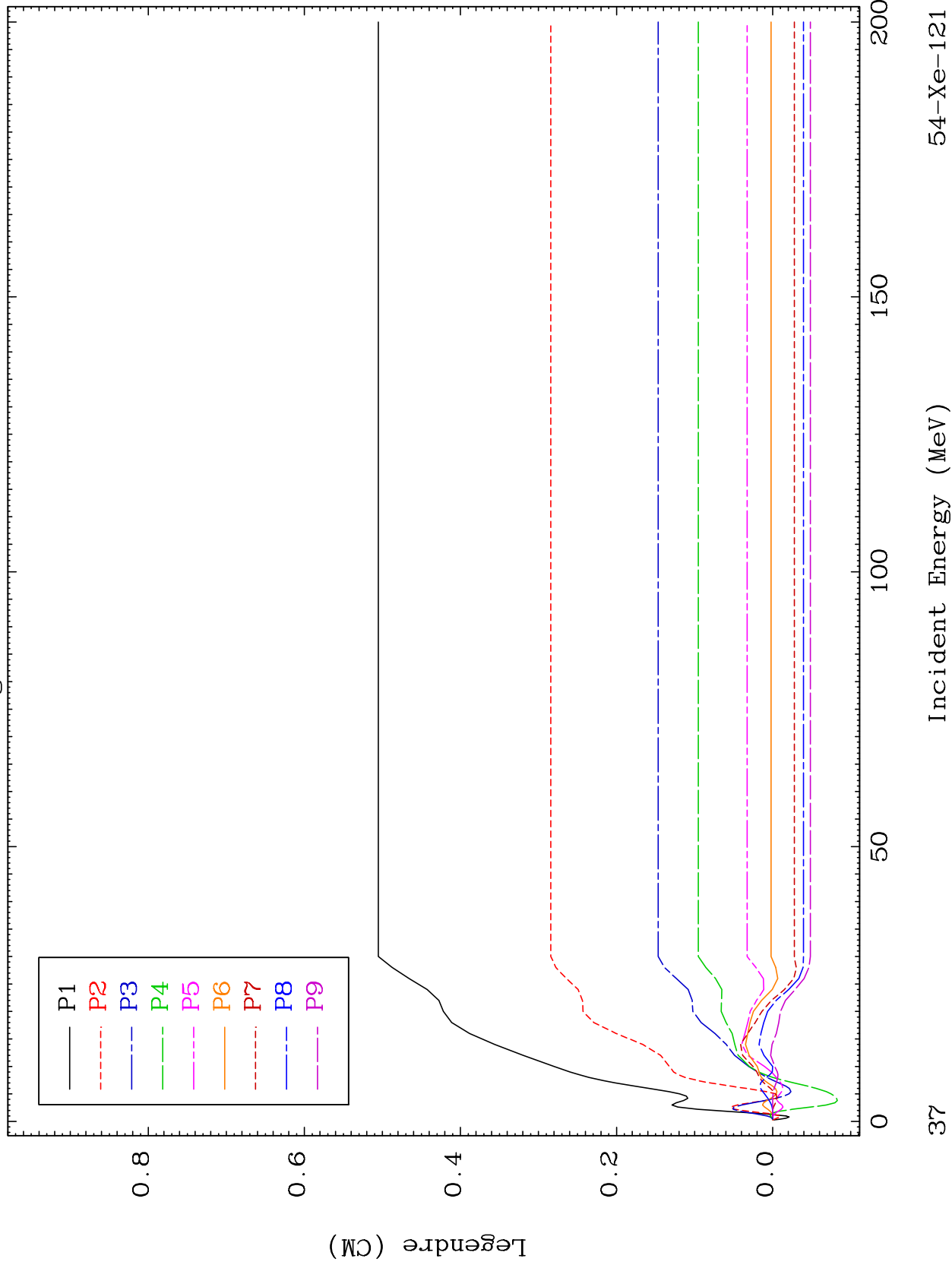
54-Xe-121



MAT 5416

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

54-Xe-121



37

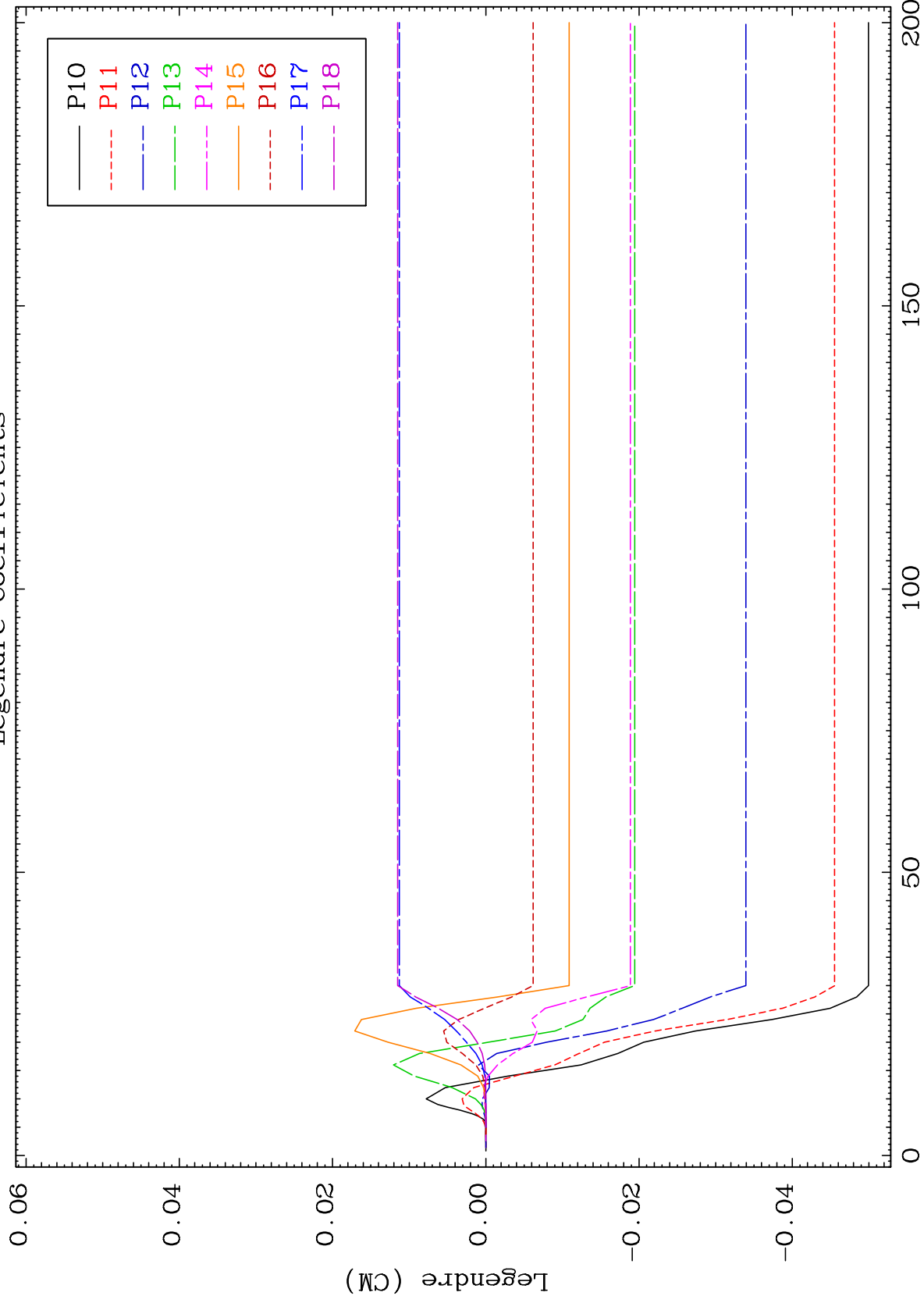
Incident Energy (MeV)

54-Xe-121

MAT 5416

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

54-Xe-121



38

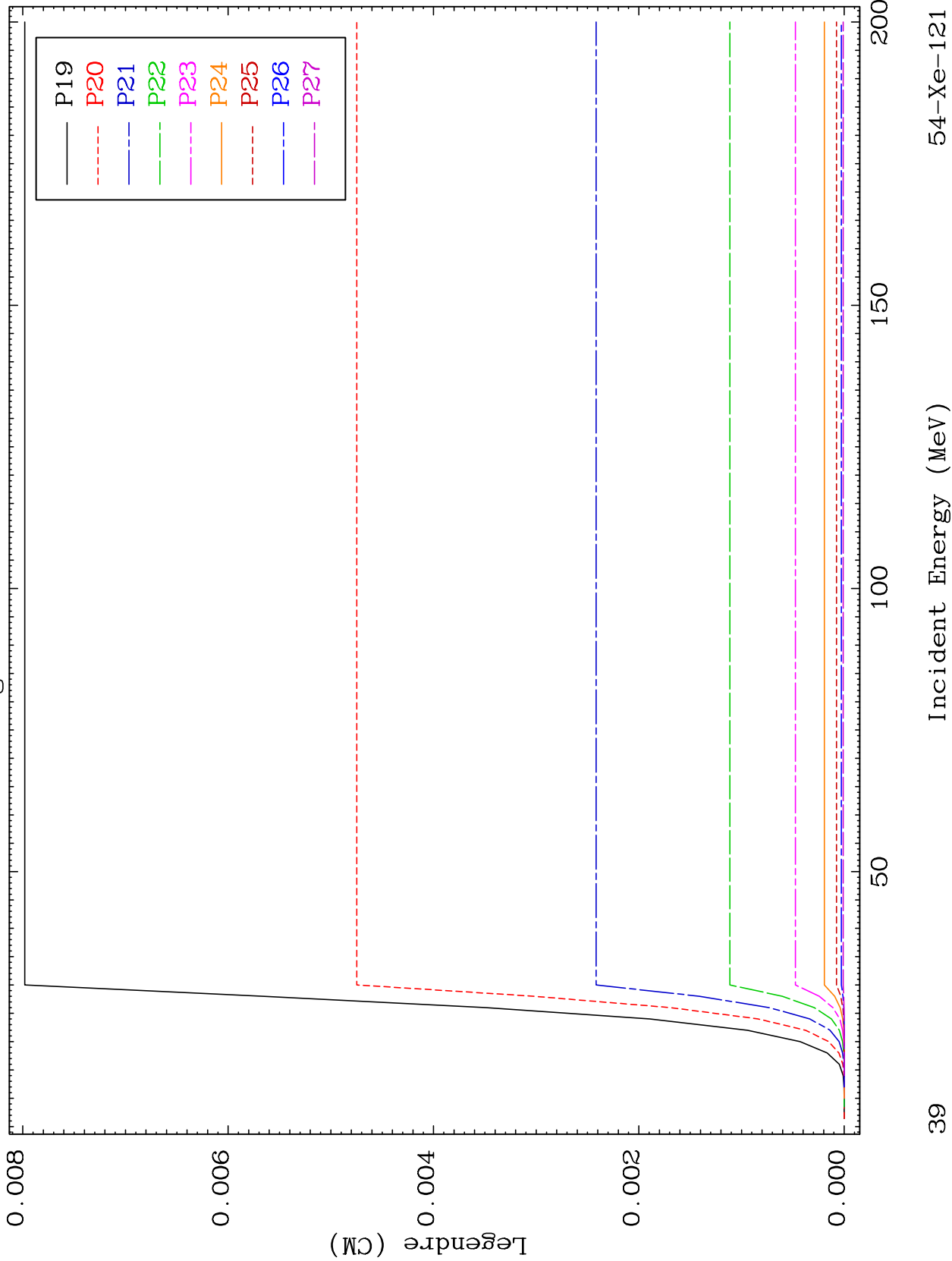
Incident Energy (MeV)

54-Xe-121

MAT 5416

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

54-Xe-121



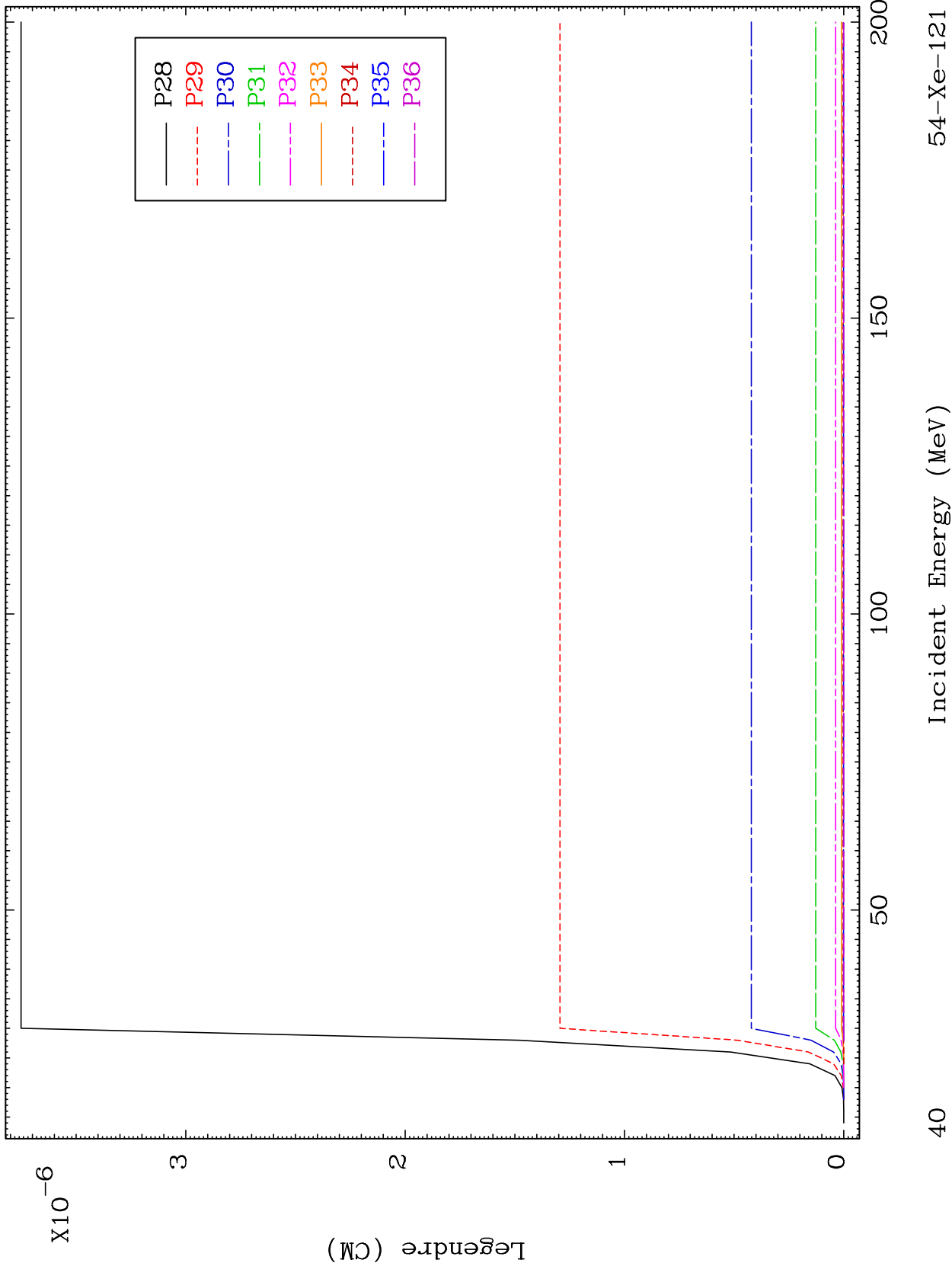
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54-Xe-121

MAT 5416

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

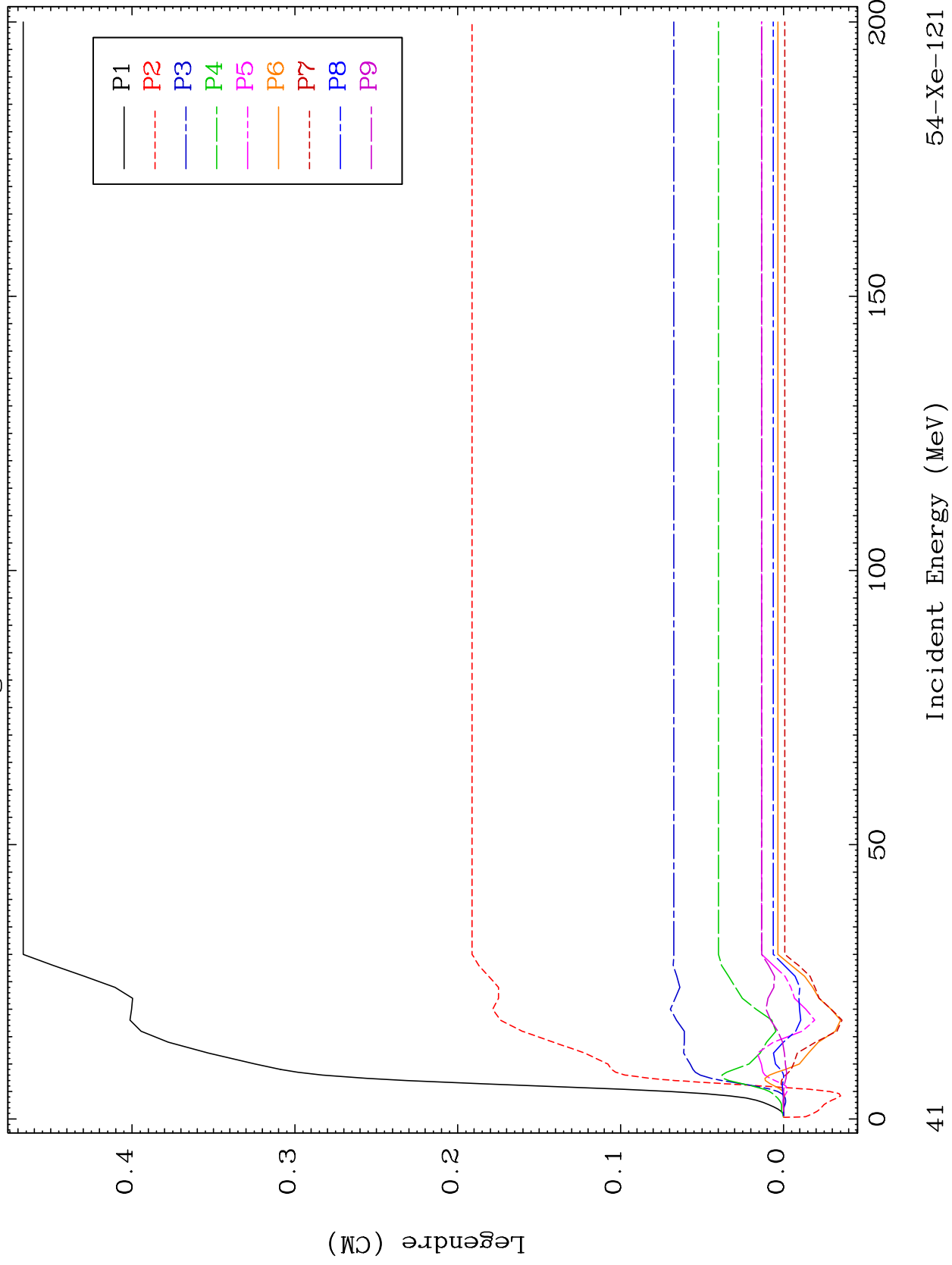
54-Xe-121



MAT 5416

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

54-Xe-121



54-Xe-121

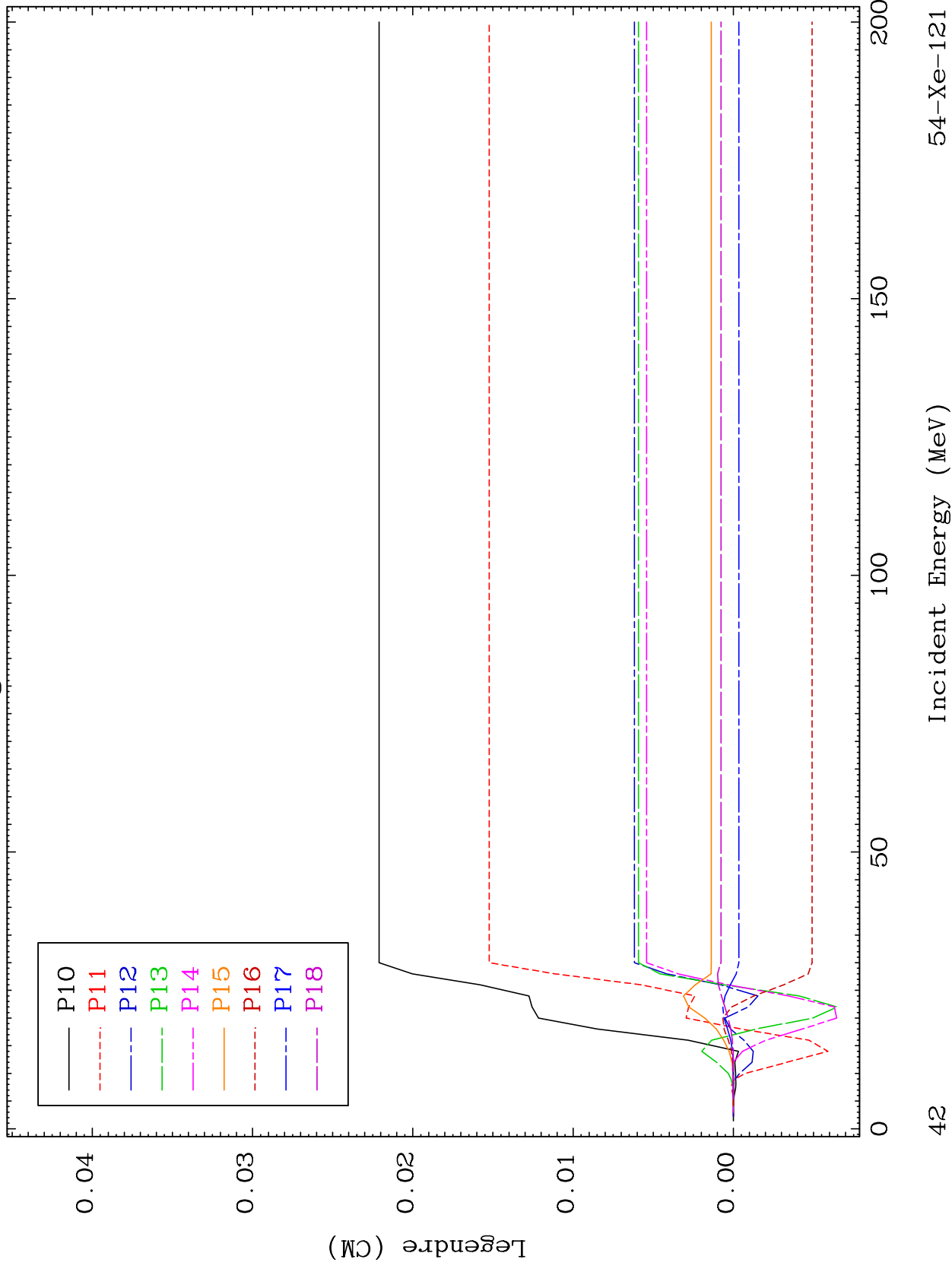
Incident Energy (MeV)

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MAT 5416

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

54-Xe-121



54-Xe-121

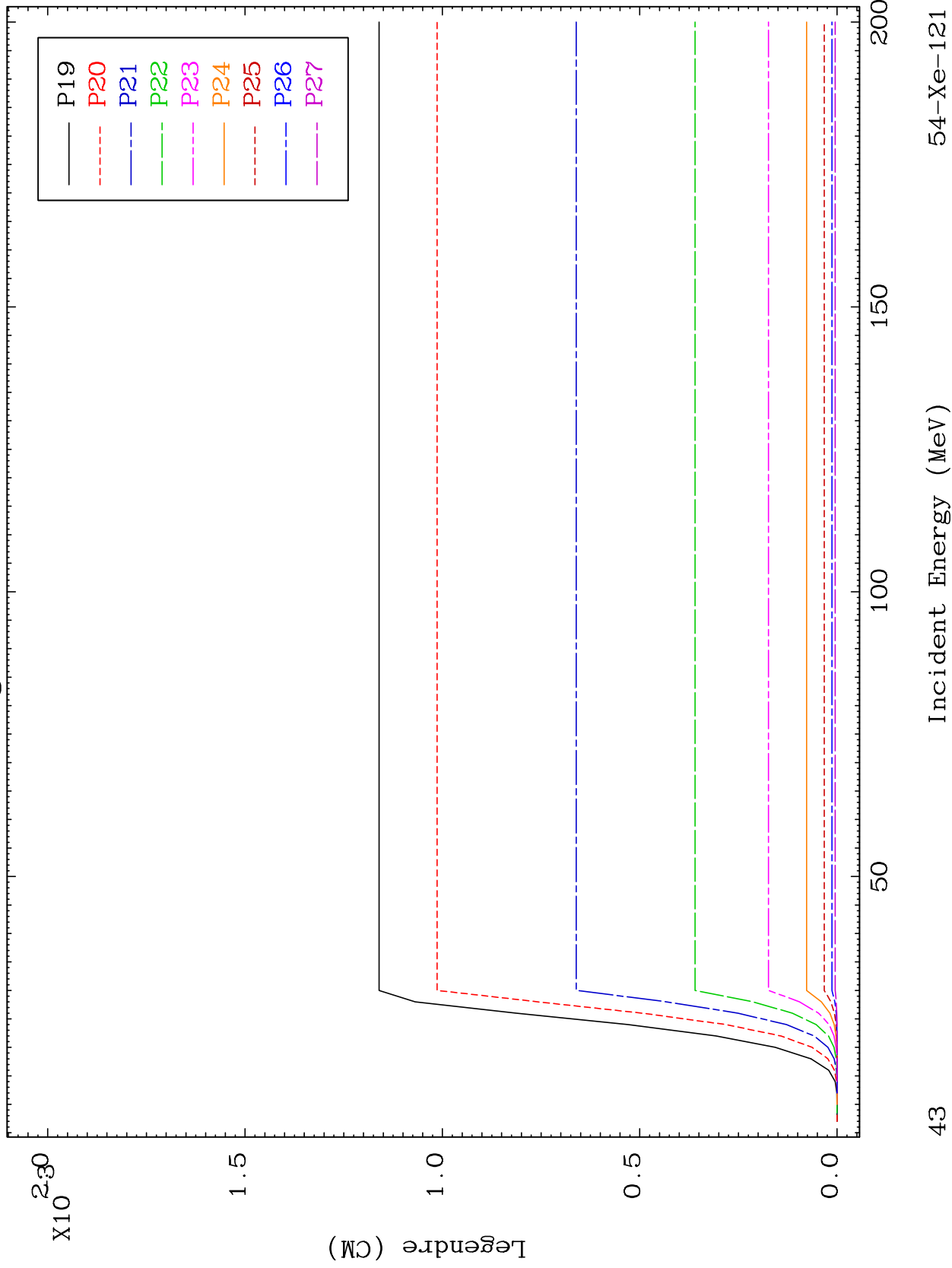
Incident Energy (MeV)

42

MAT 5416

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

54-Xe-121



43

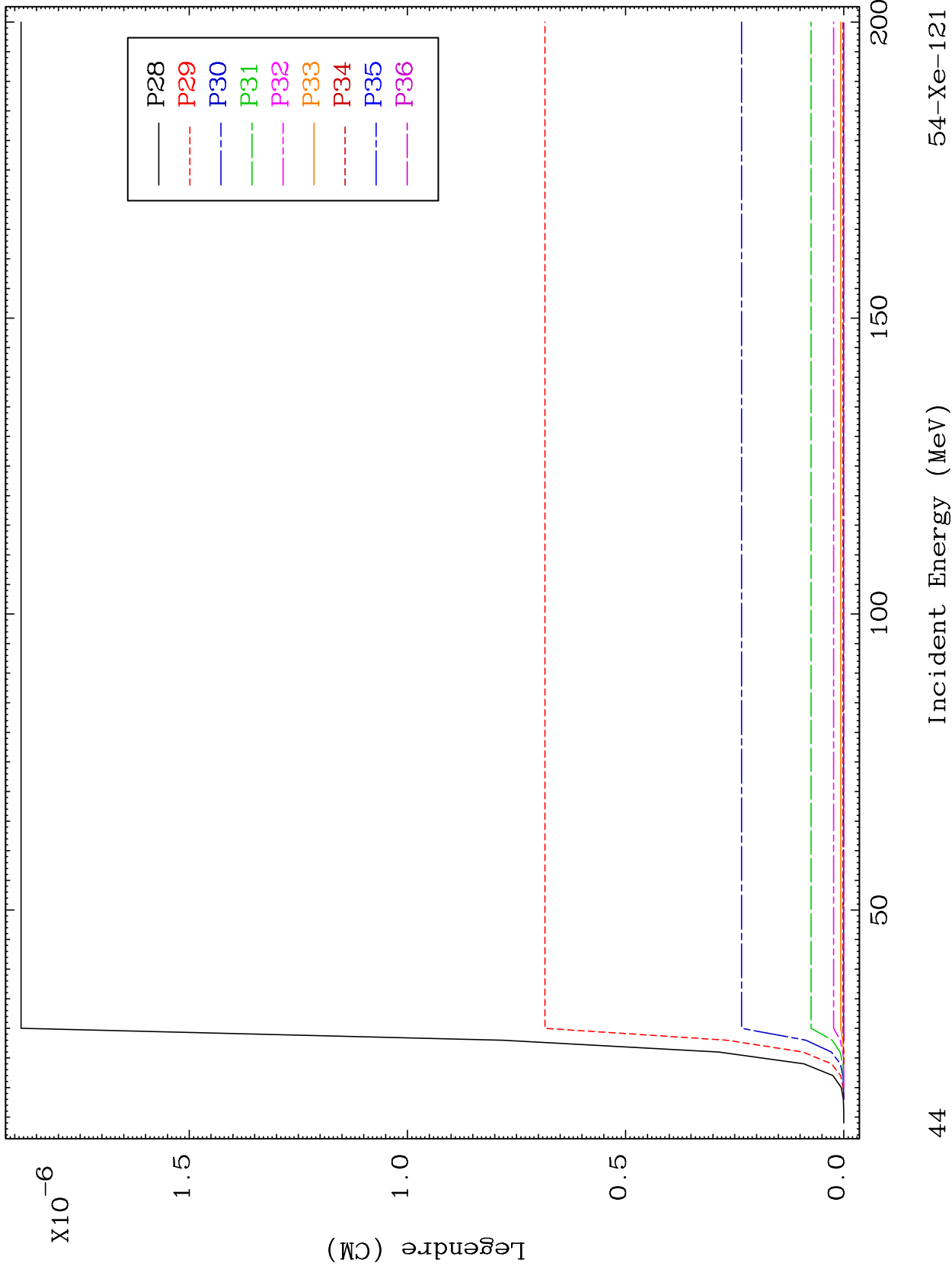
Incident Energy (MeV)

54-Xe-121

MAT 5416

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

54-Xe-121



44

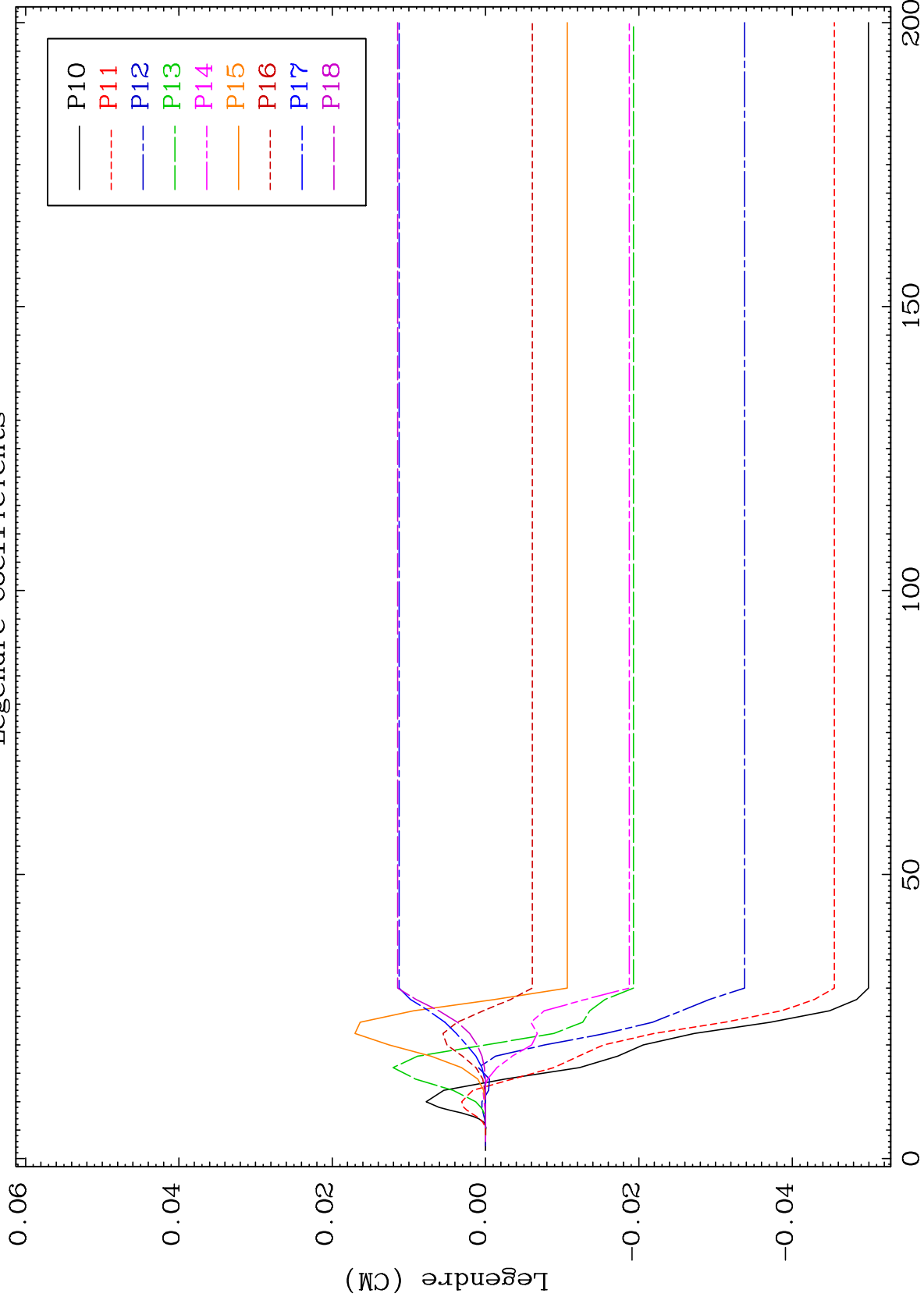
Incident Energy (MeV)

54-Xe-121

MAT 5416

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

54-Xe-121



46

Incident Energy (MeV)

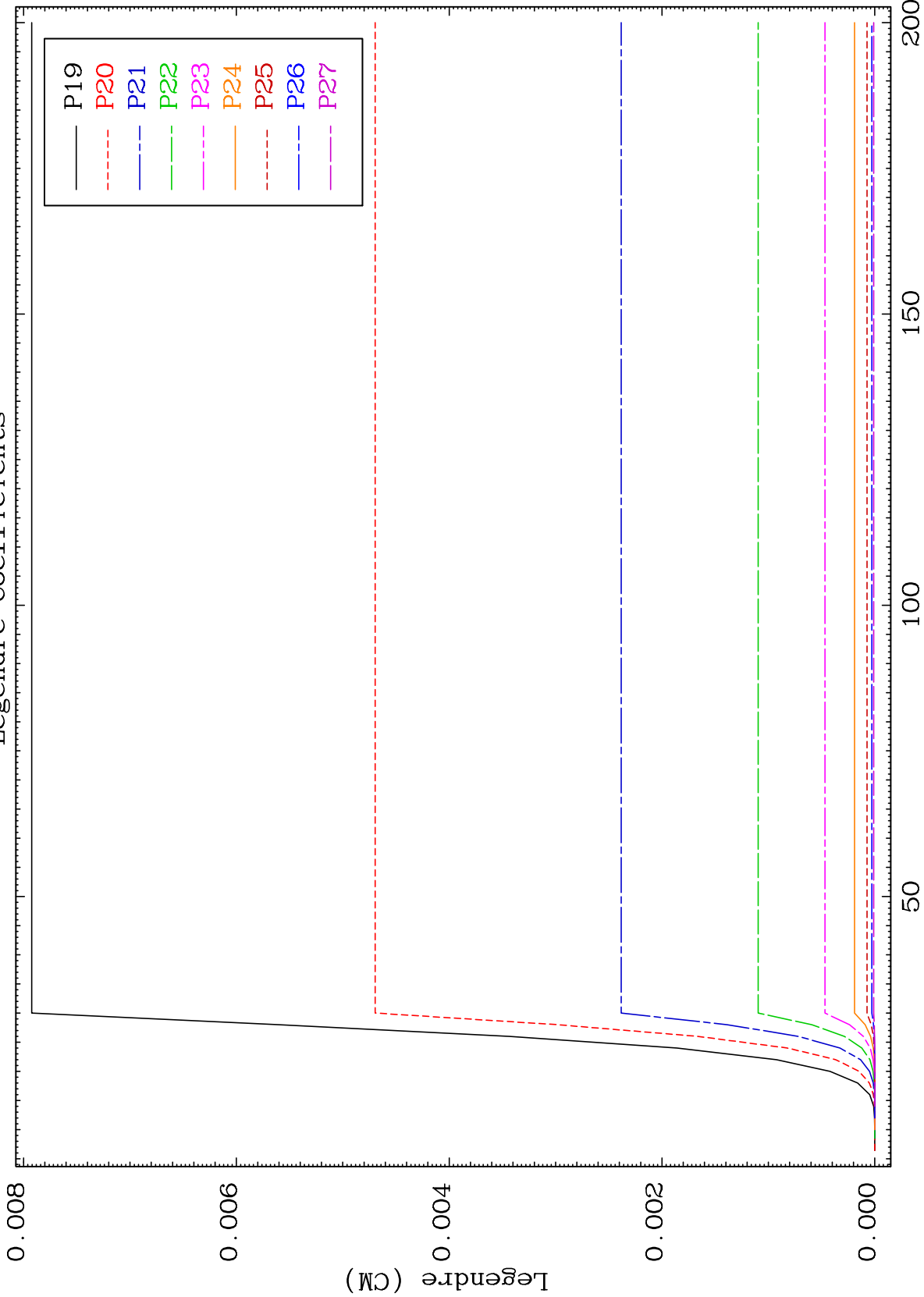
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MAT 5416

MT= 57 (n,n') Level

54-Xe-121

Legendre Coefficients



47

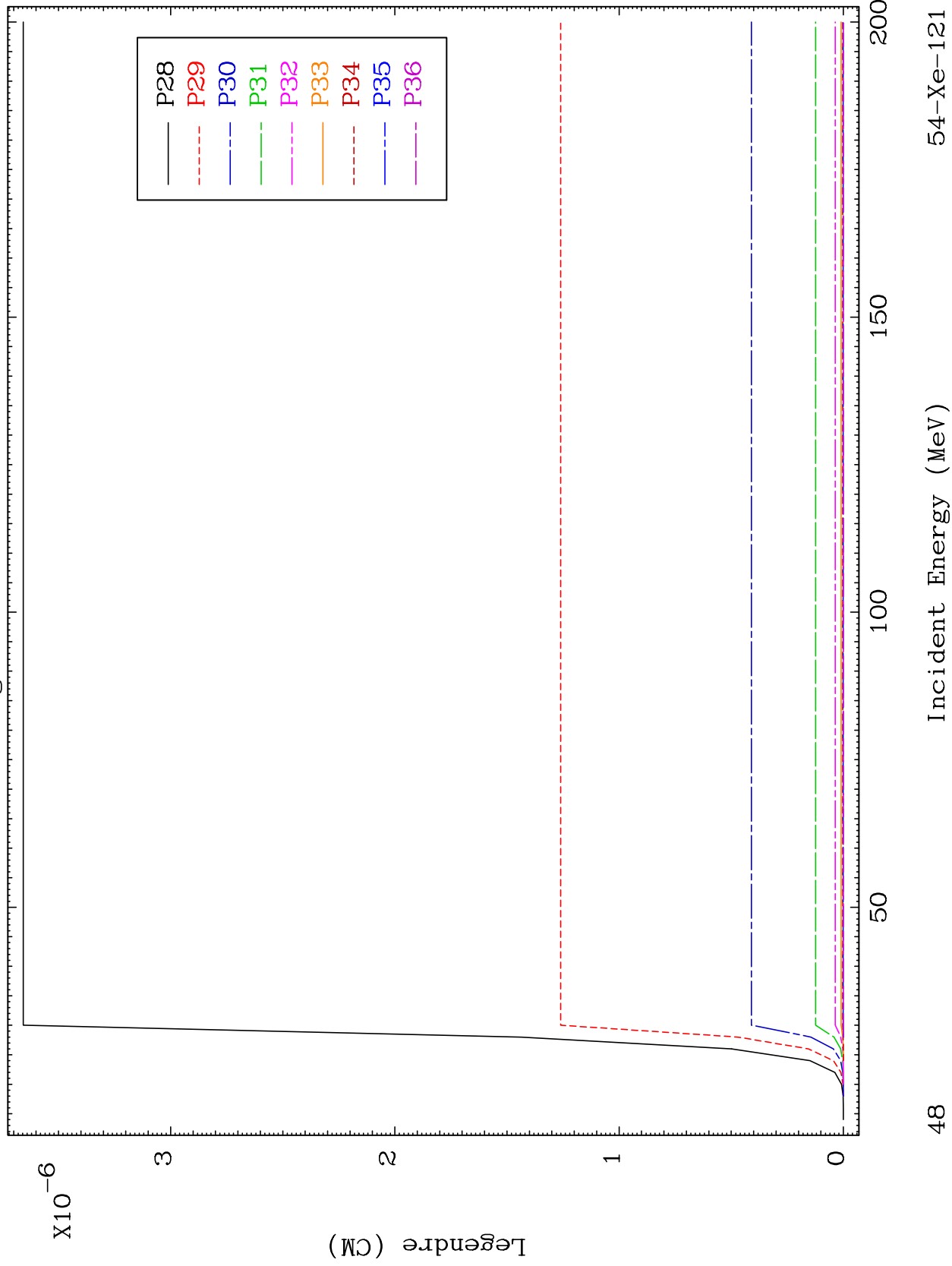
Incident Energy (MeV)

54-Xe-121

MAT 5416

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

54-Xe-121



48

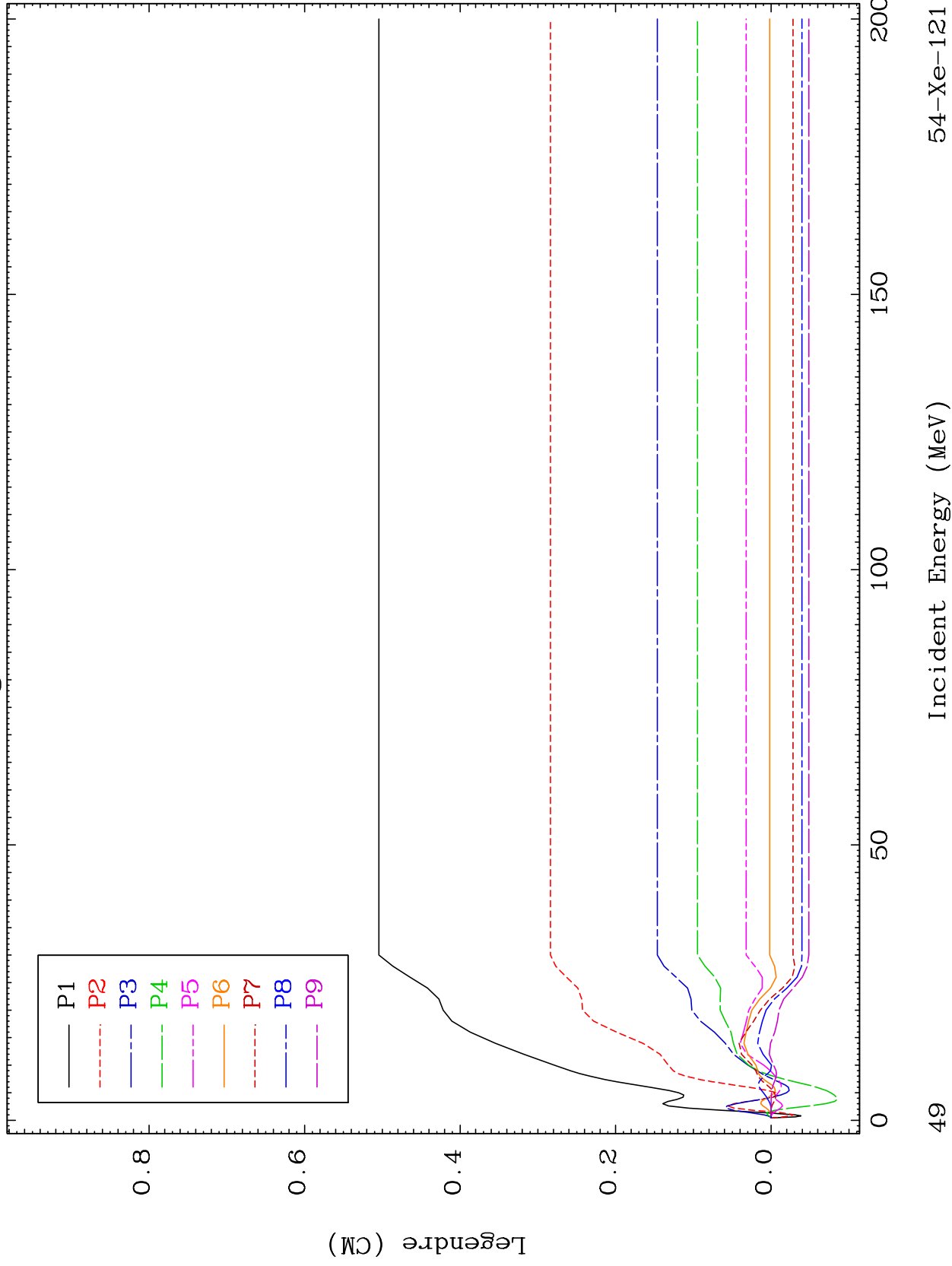
Incident Energy (MeV)

54-Xe-121

MAT 5416

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

54-Xe-121



54-Xe-121

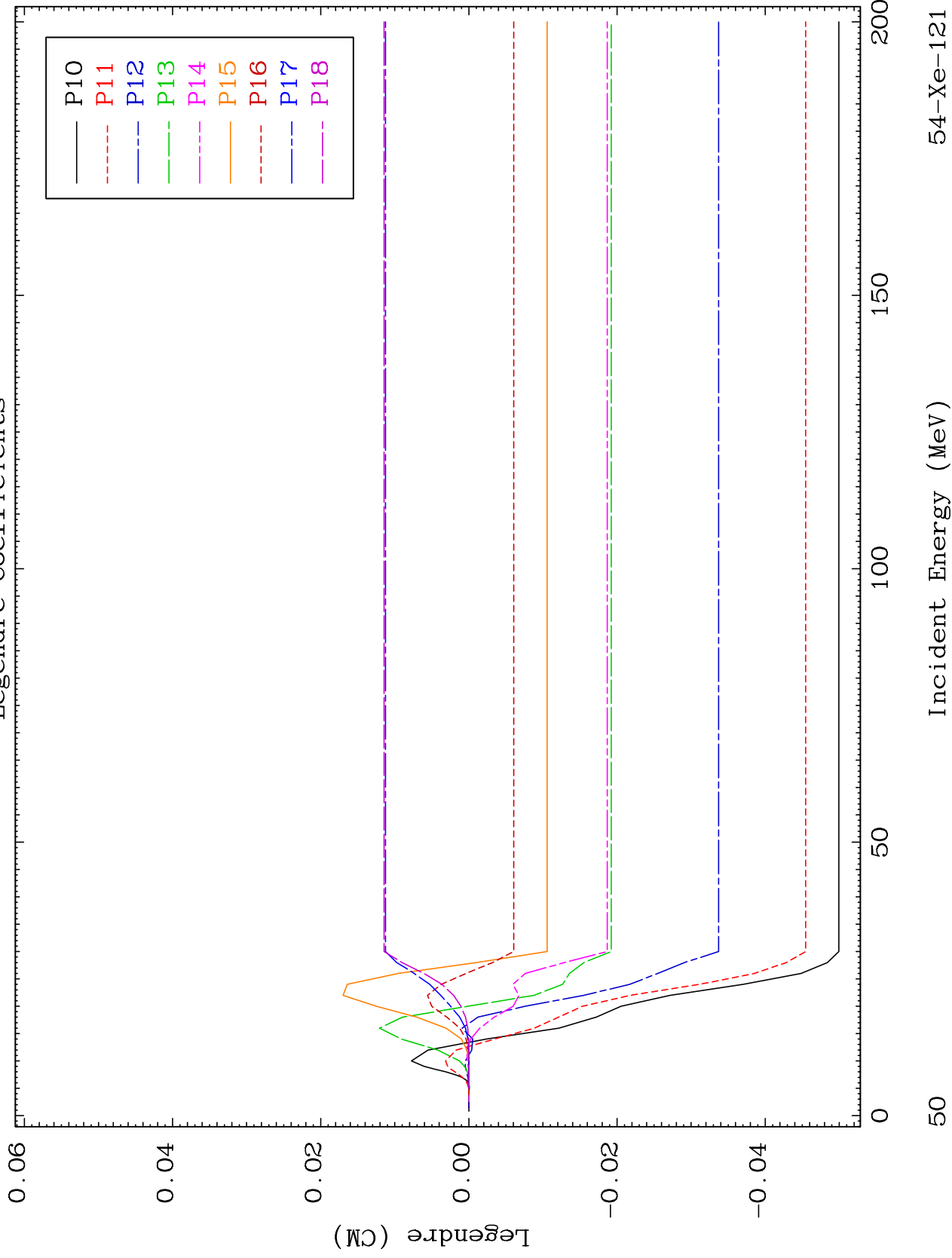
Incident Energy (MeV)

49

MAT 5416

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

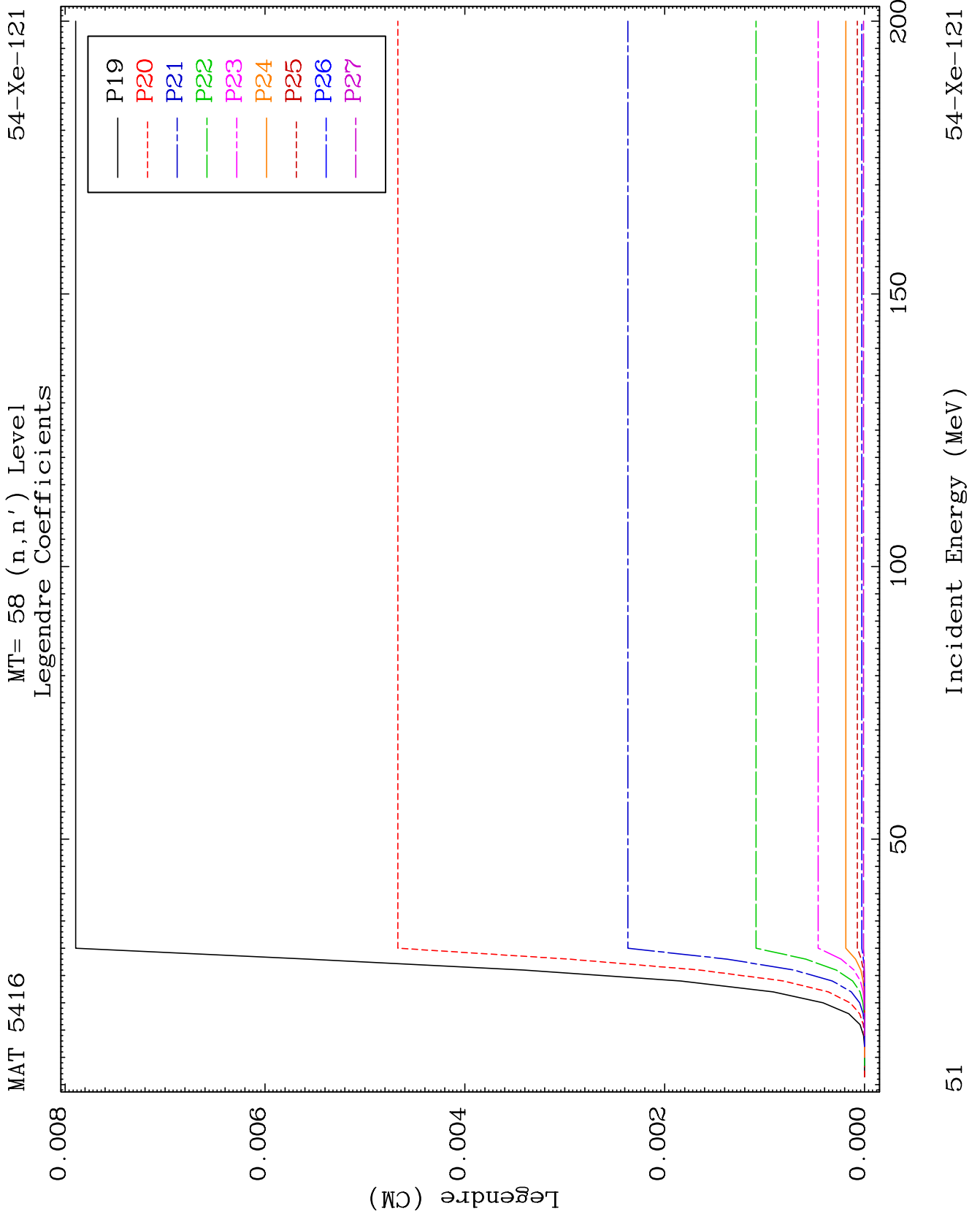
54-Xe-121



54-Xe-121

Incident Energy (MeV)

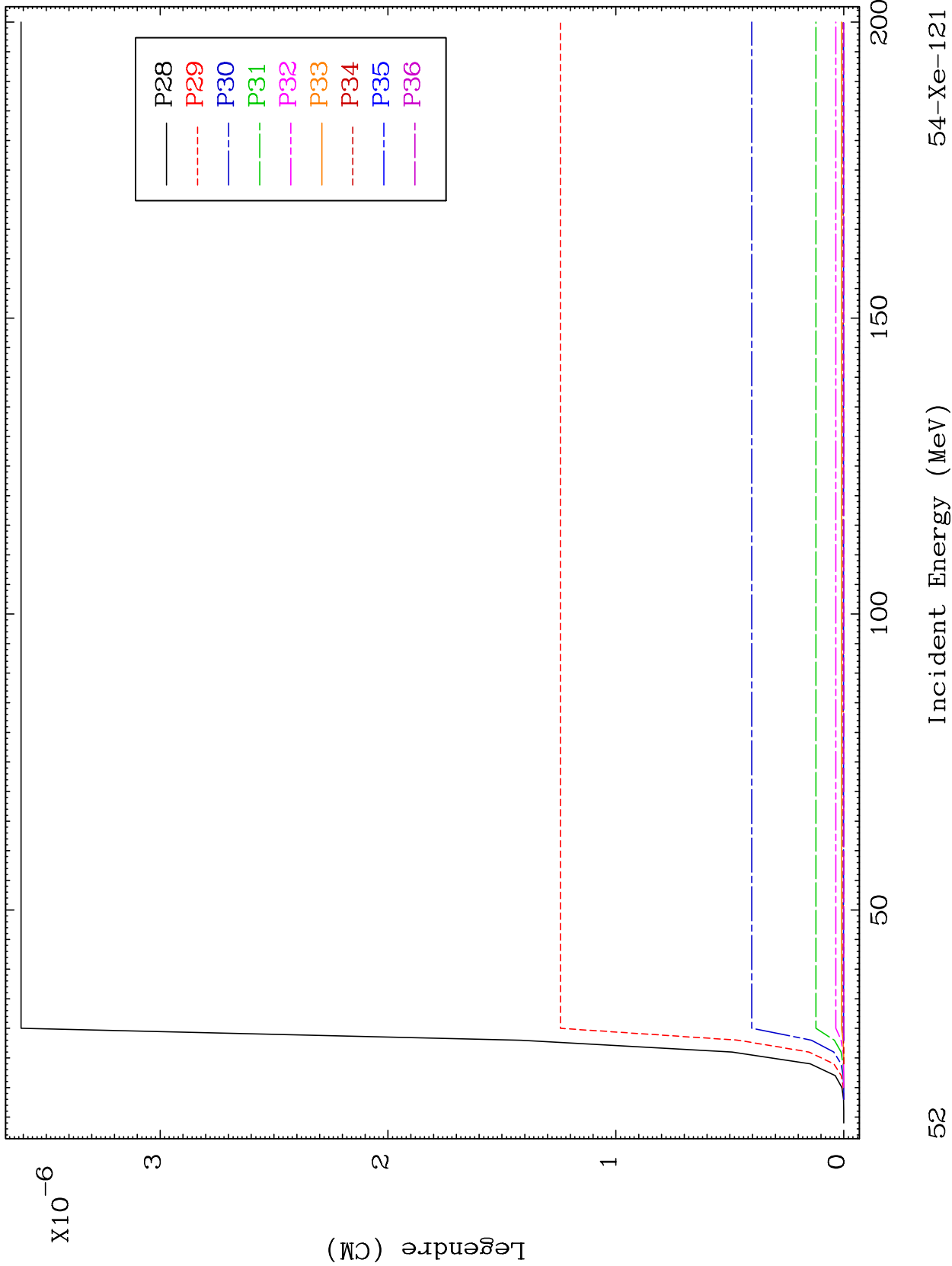
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MAT 5416

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

54-Xe-121



52

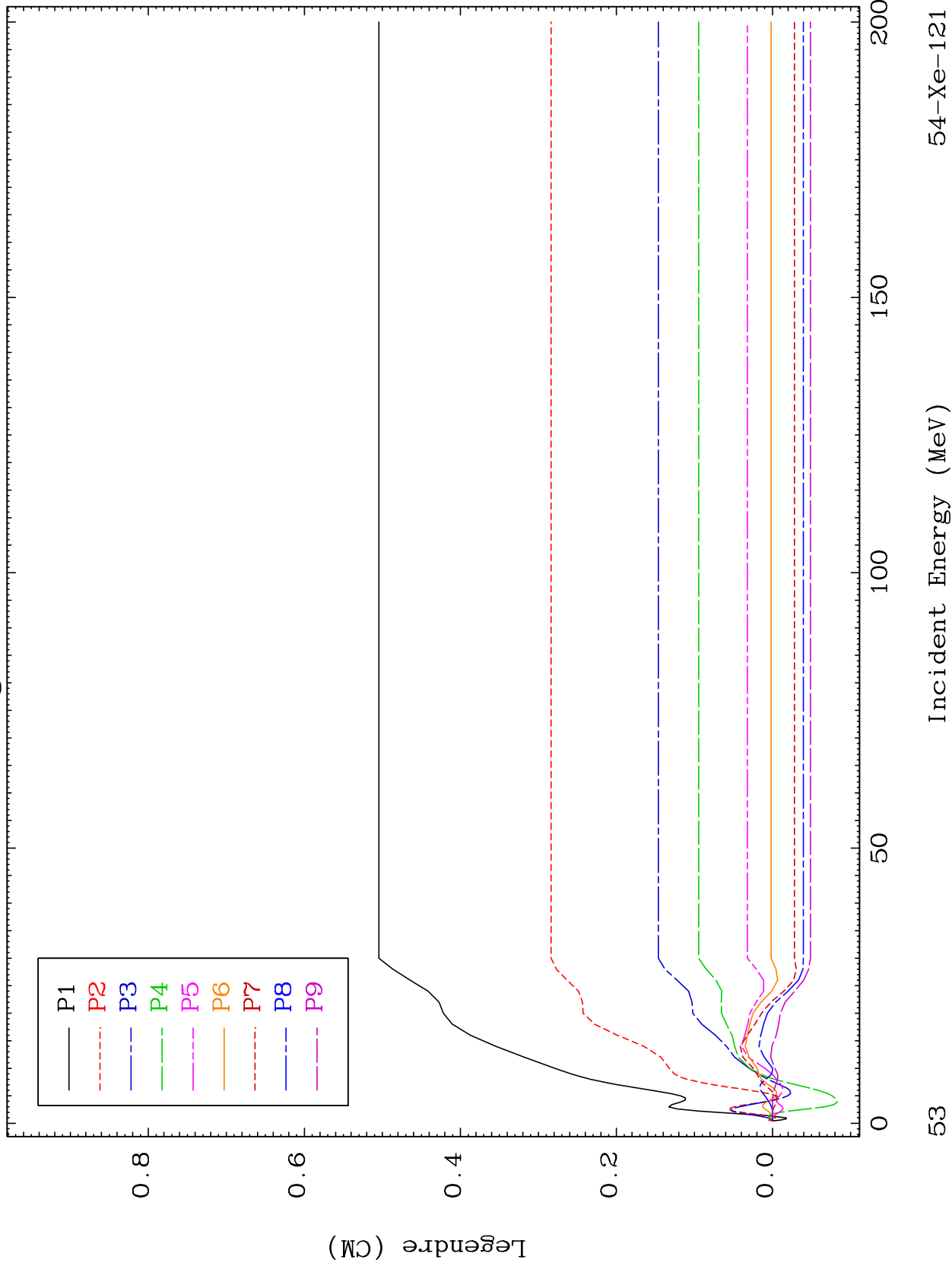
Incident Energy (MeV)

54-Xe-121

MAT 5416

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

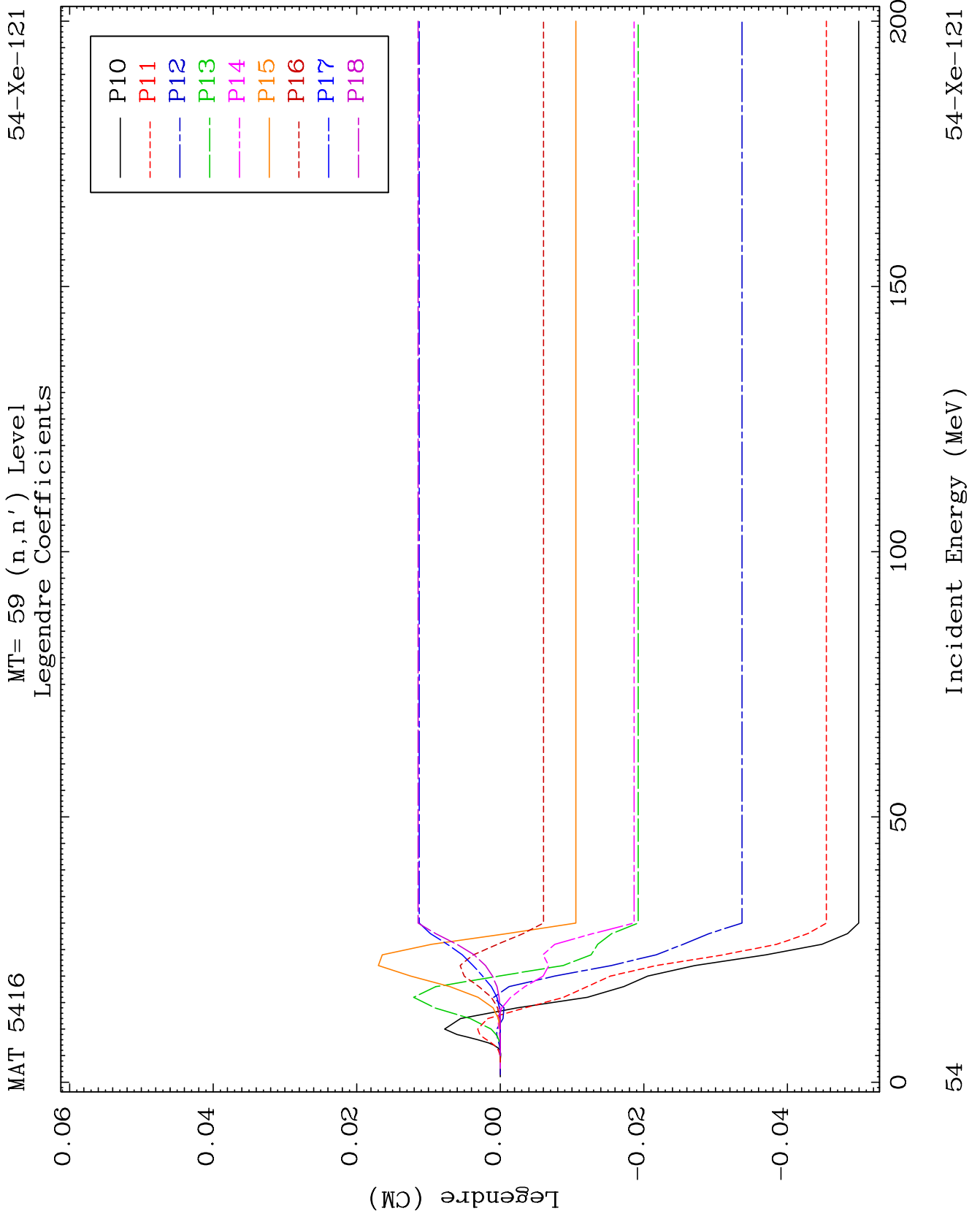
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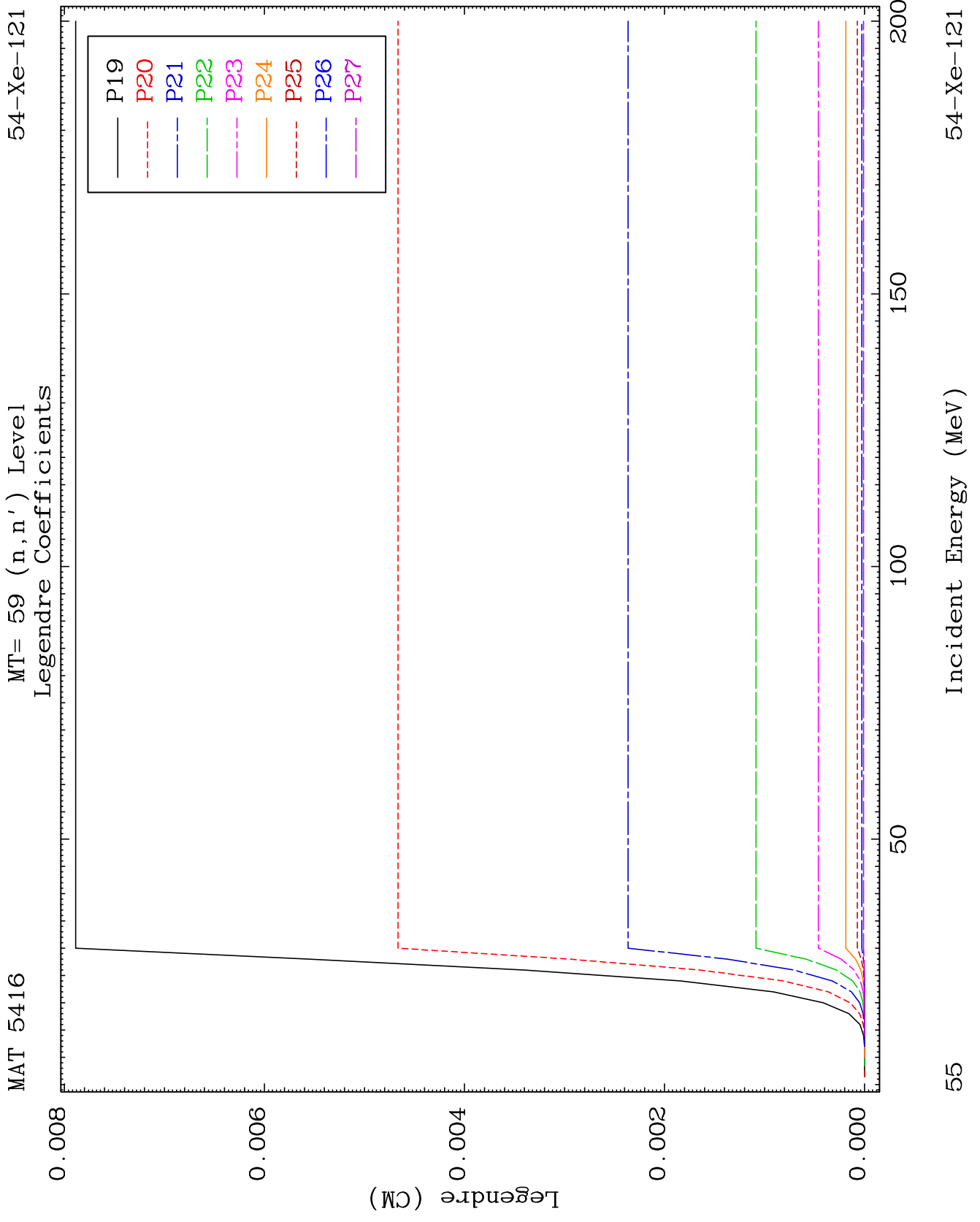


54-Xe-121

Incident Energy (MeV)

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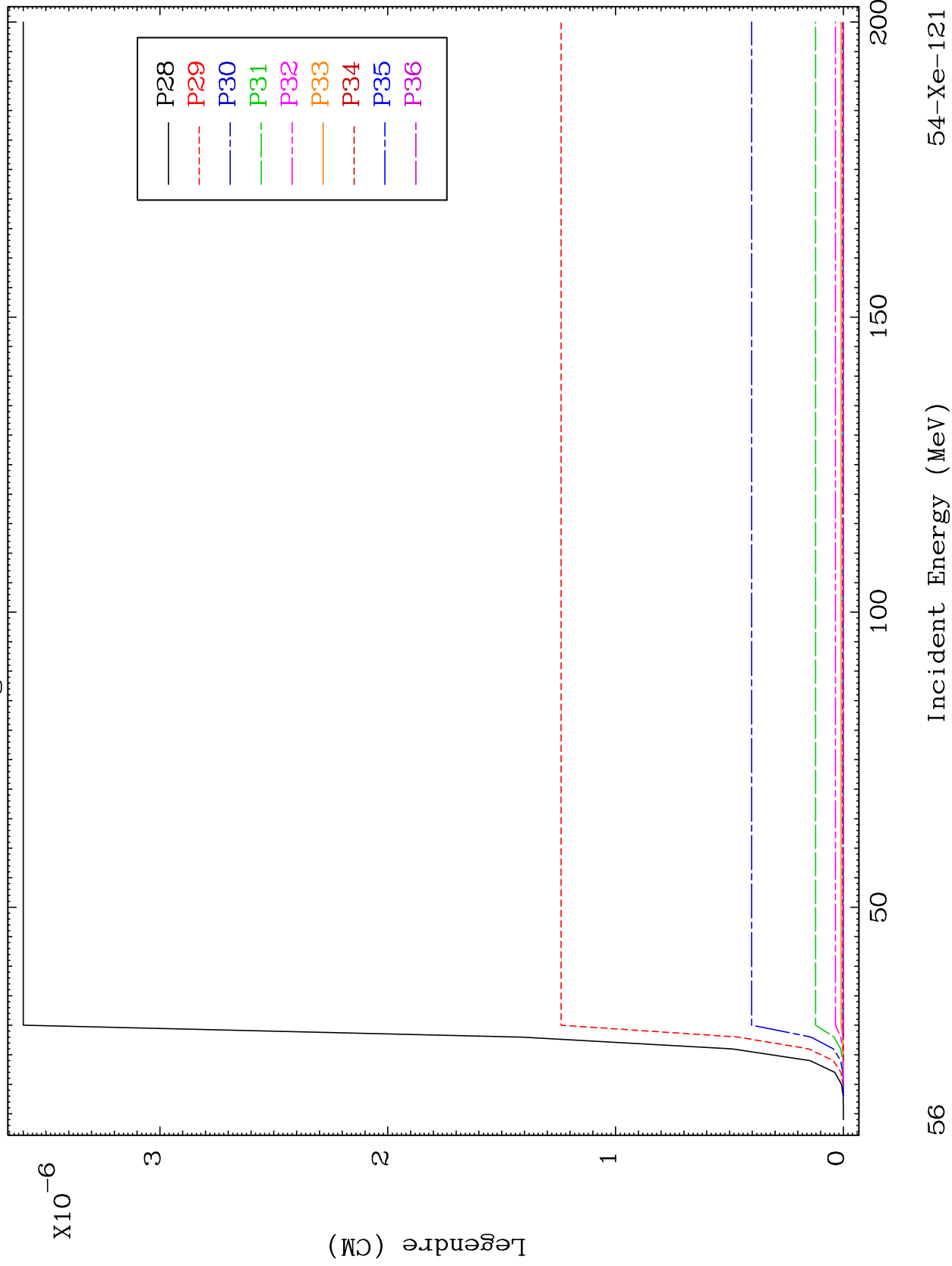




MAT 5416

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

54-Xe-121



56

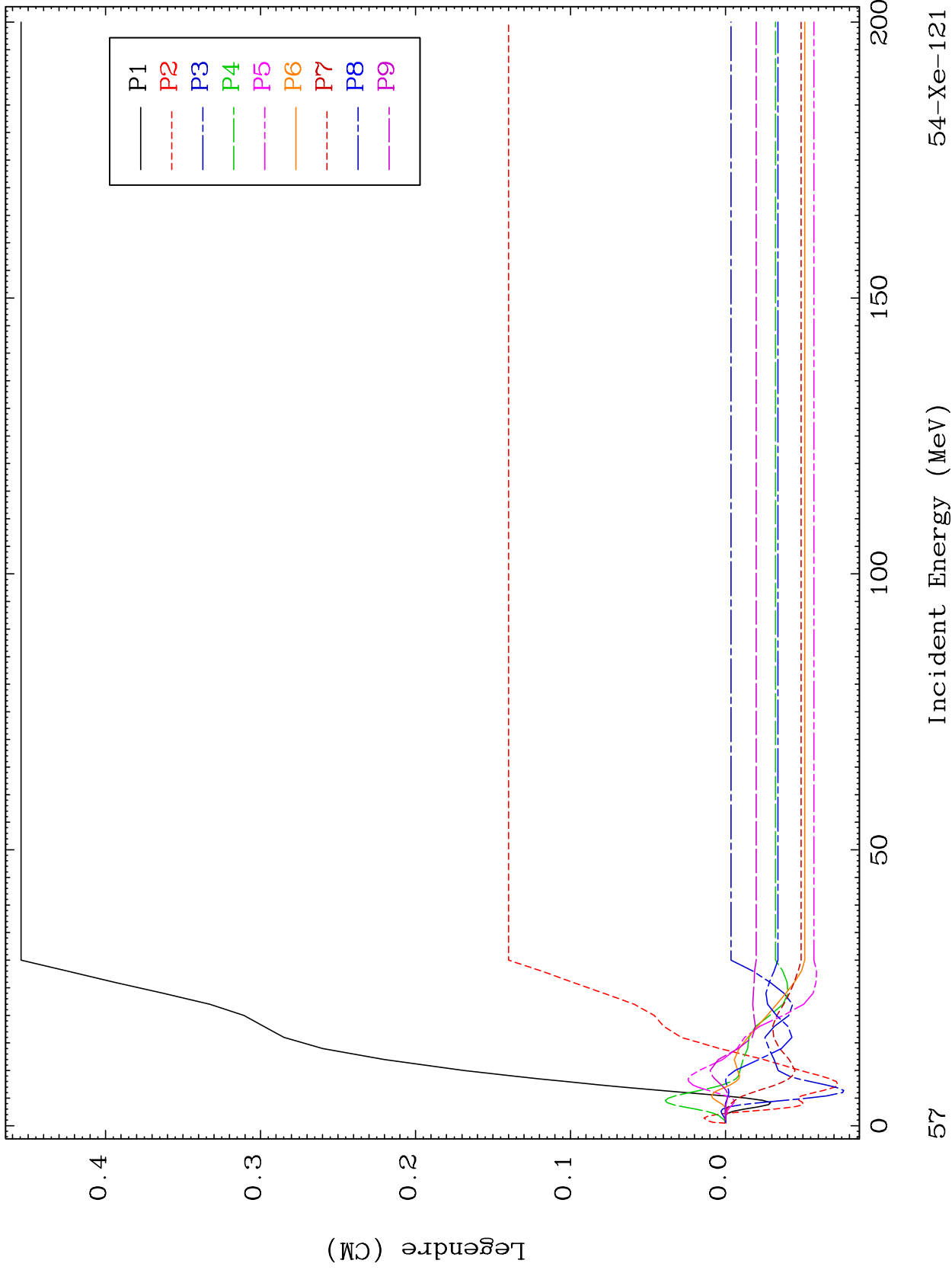
Incident Energy (MeV)

54-Xe-121

MAT 5416

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

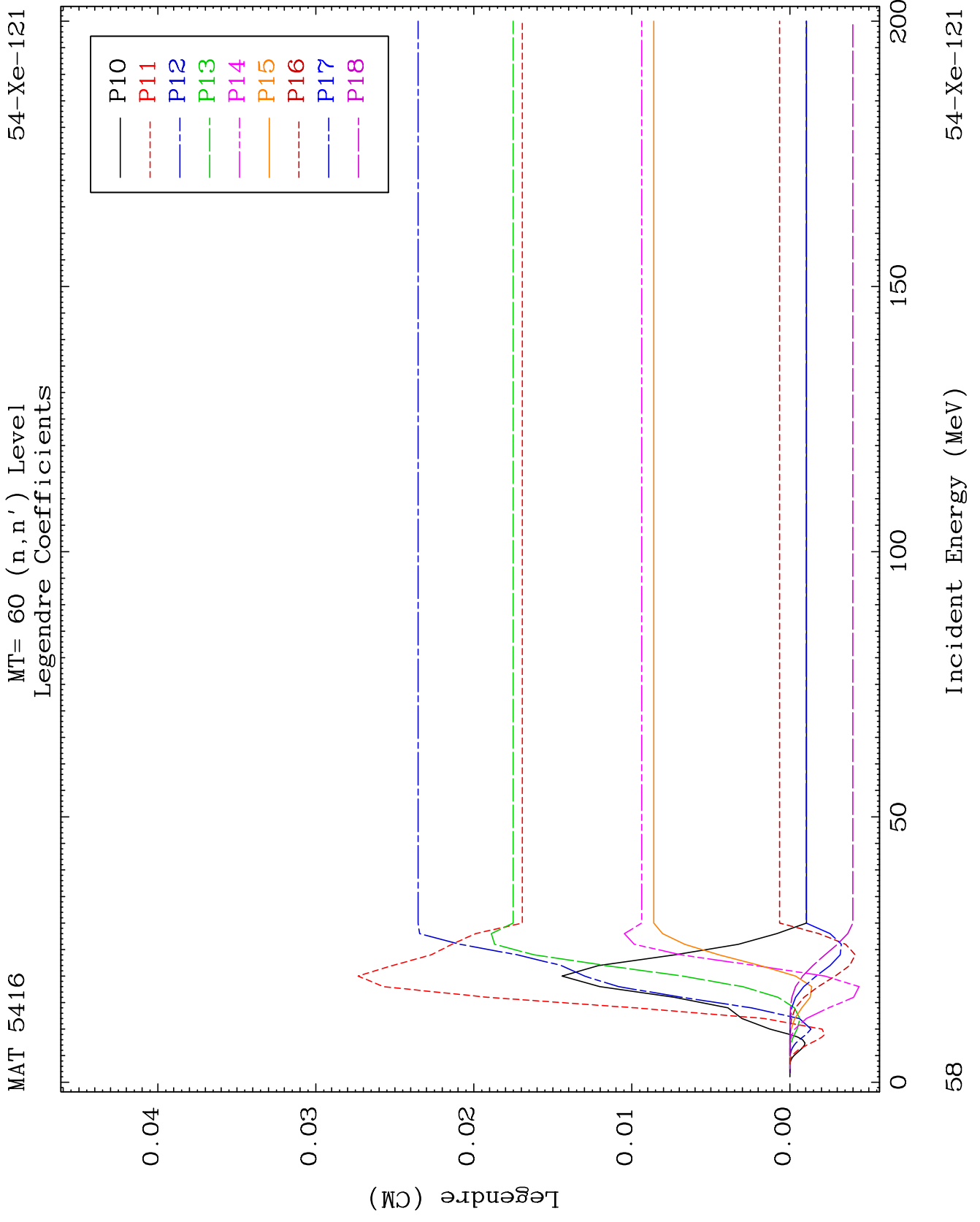
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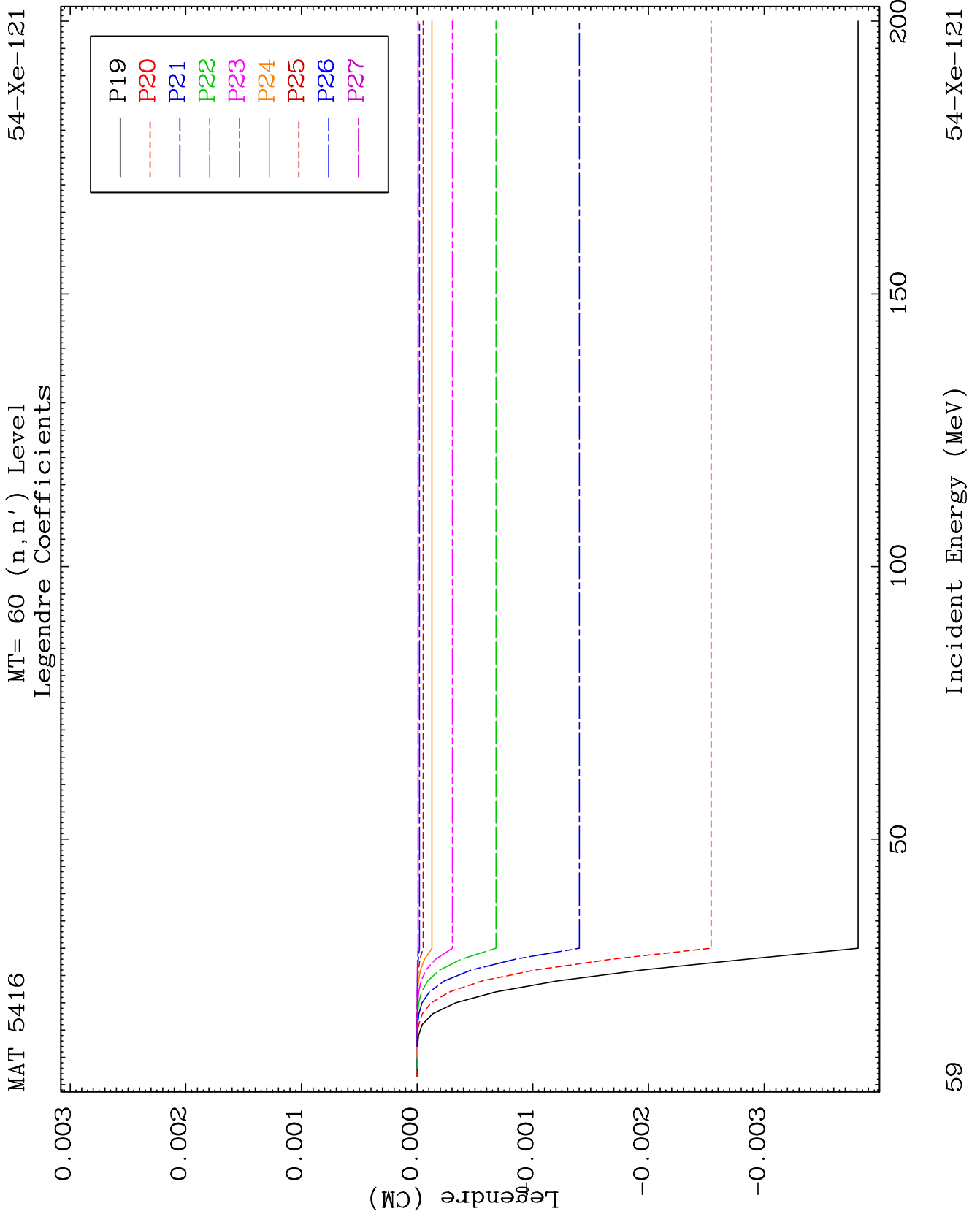


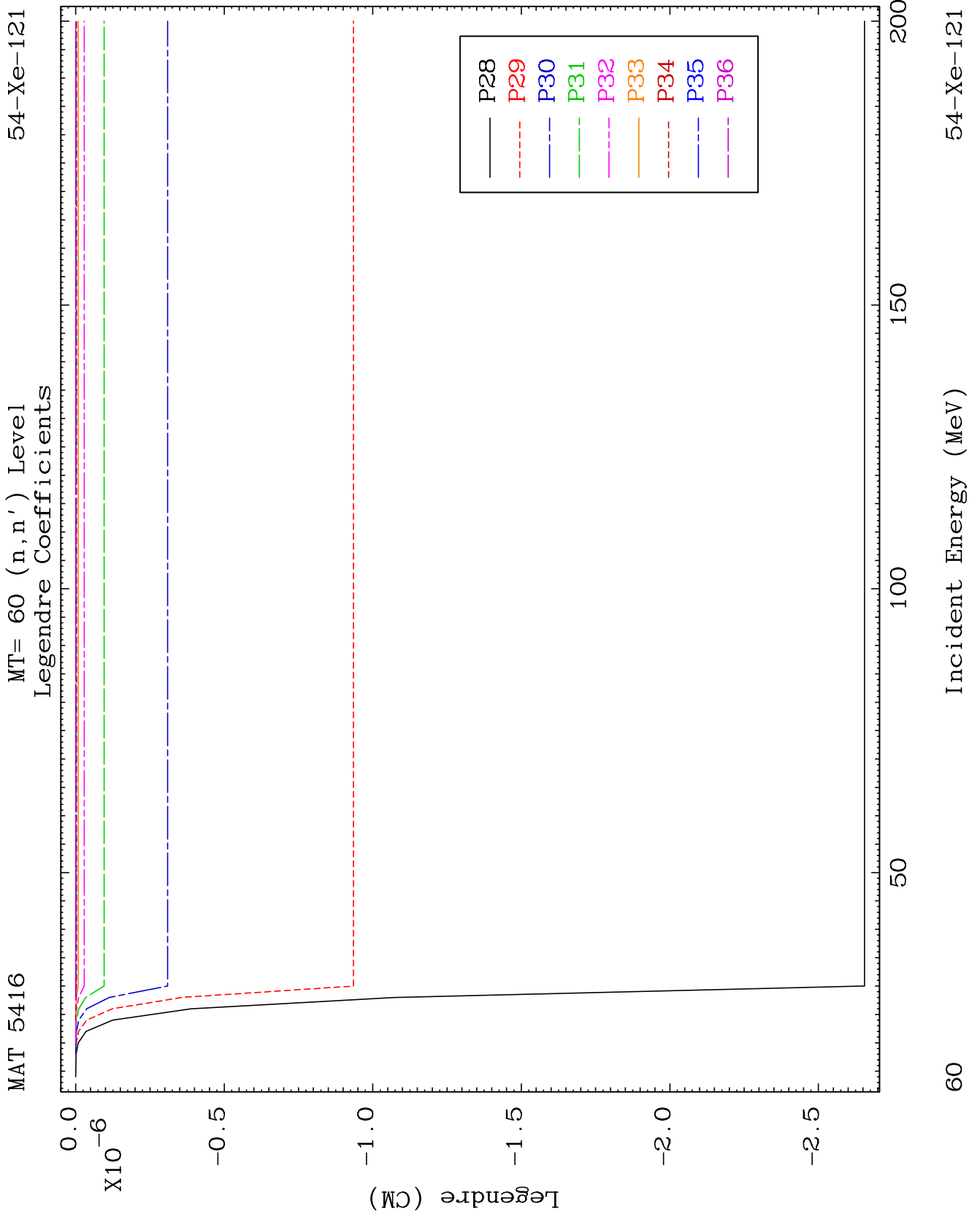
54-Xe-121

Incident Energy (MeV)

57



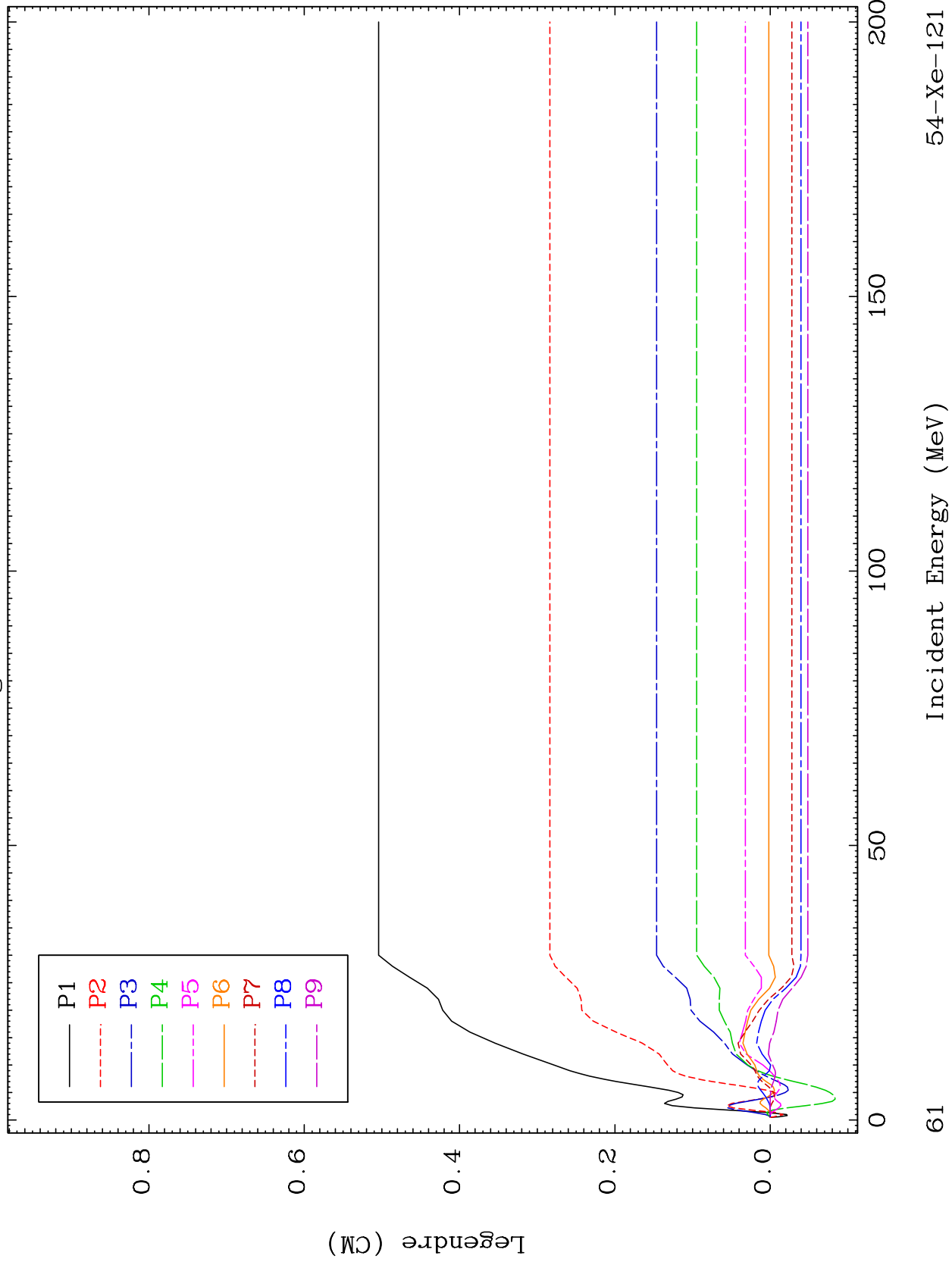




MAT 5416

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

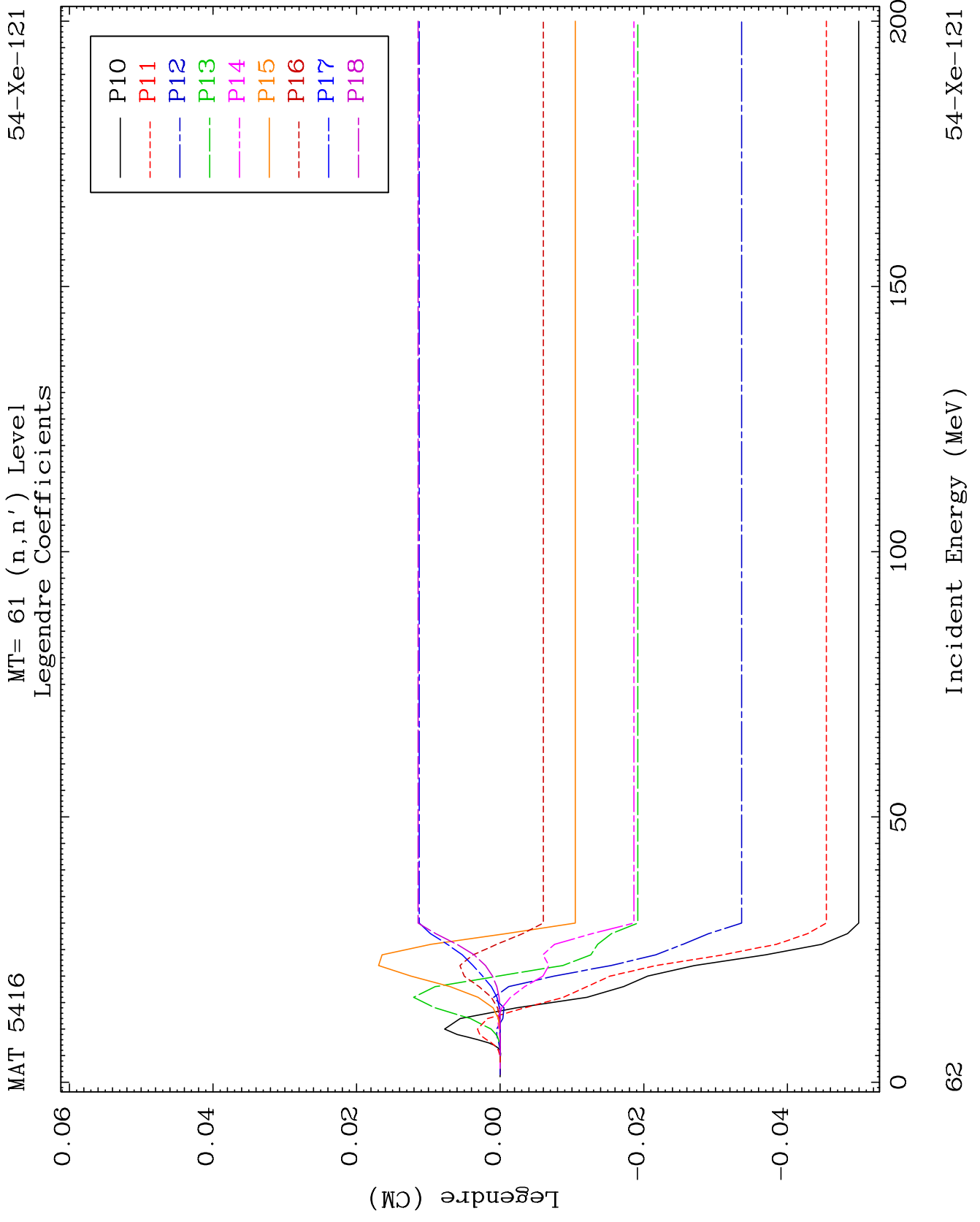
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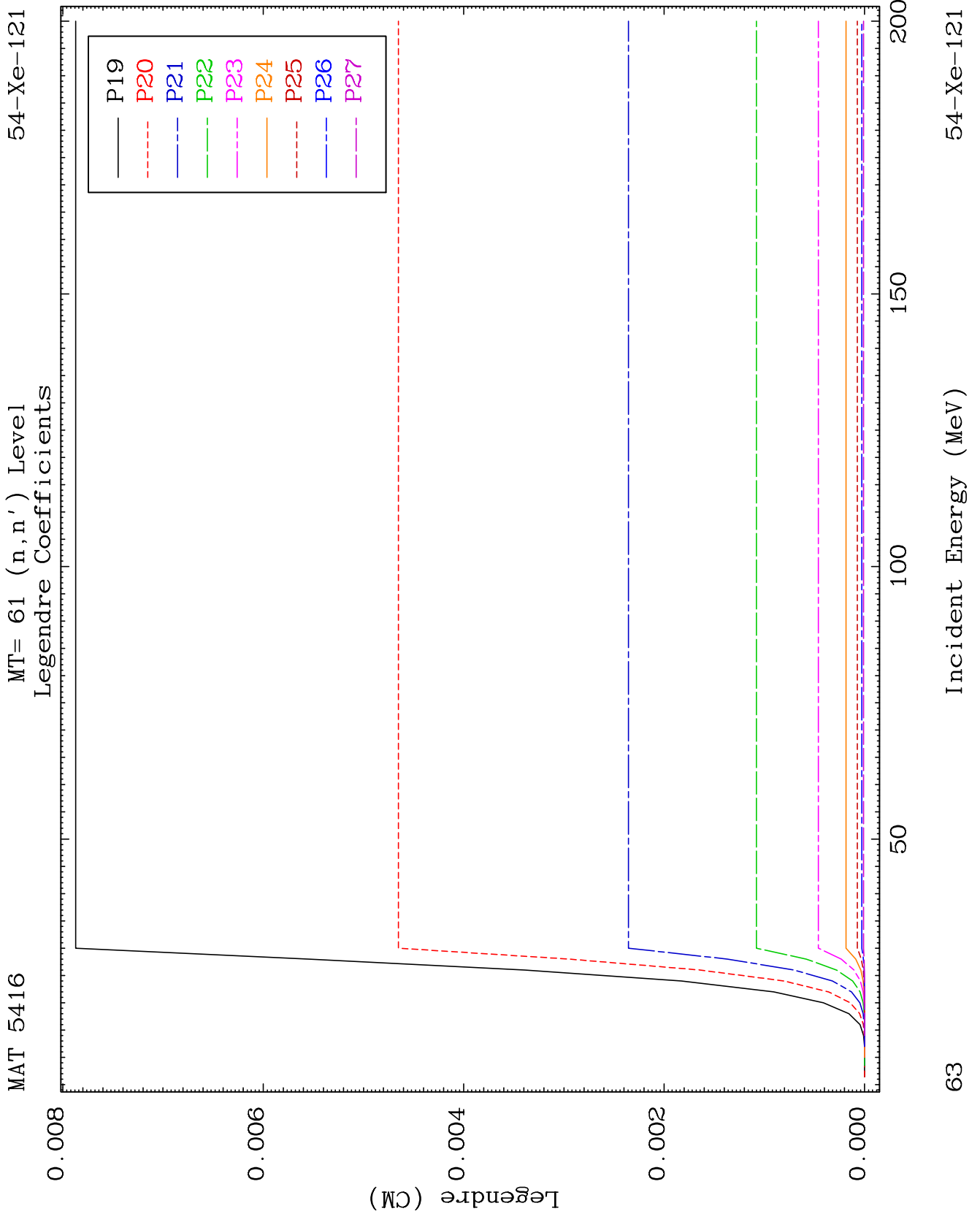


61

Incident Energy (MeV)

54-Xe-121

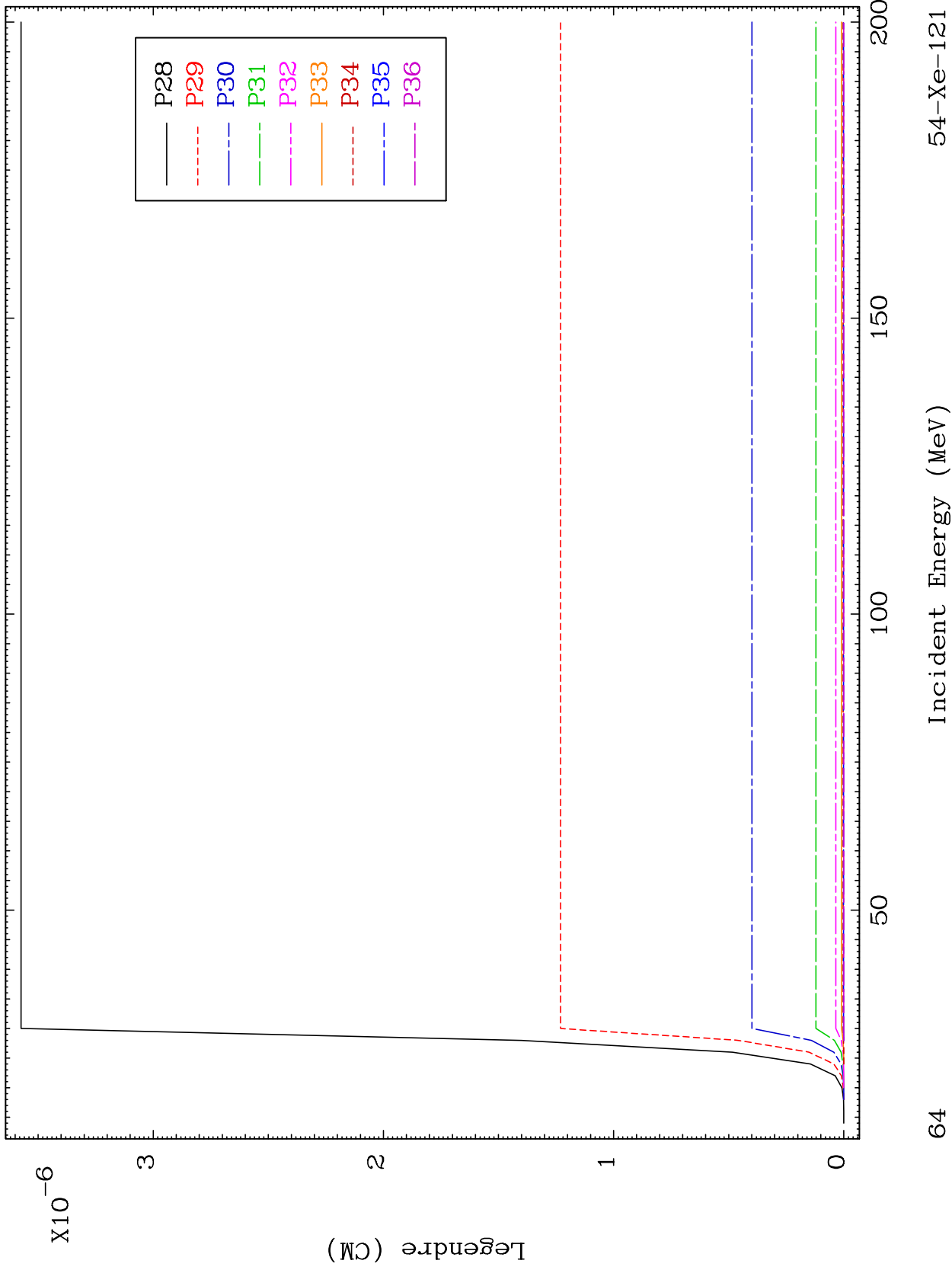




MAT 5416

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

54-Xe-121



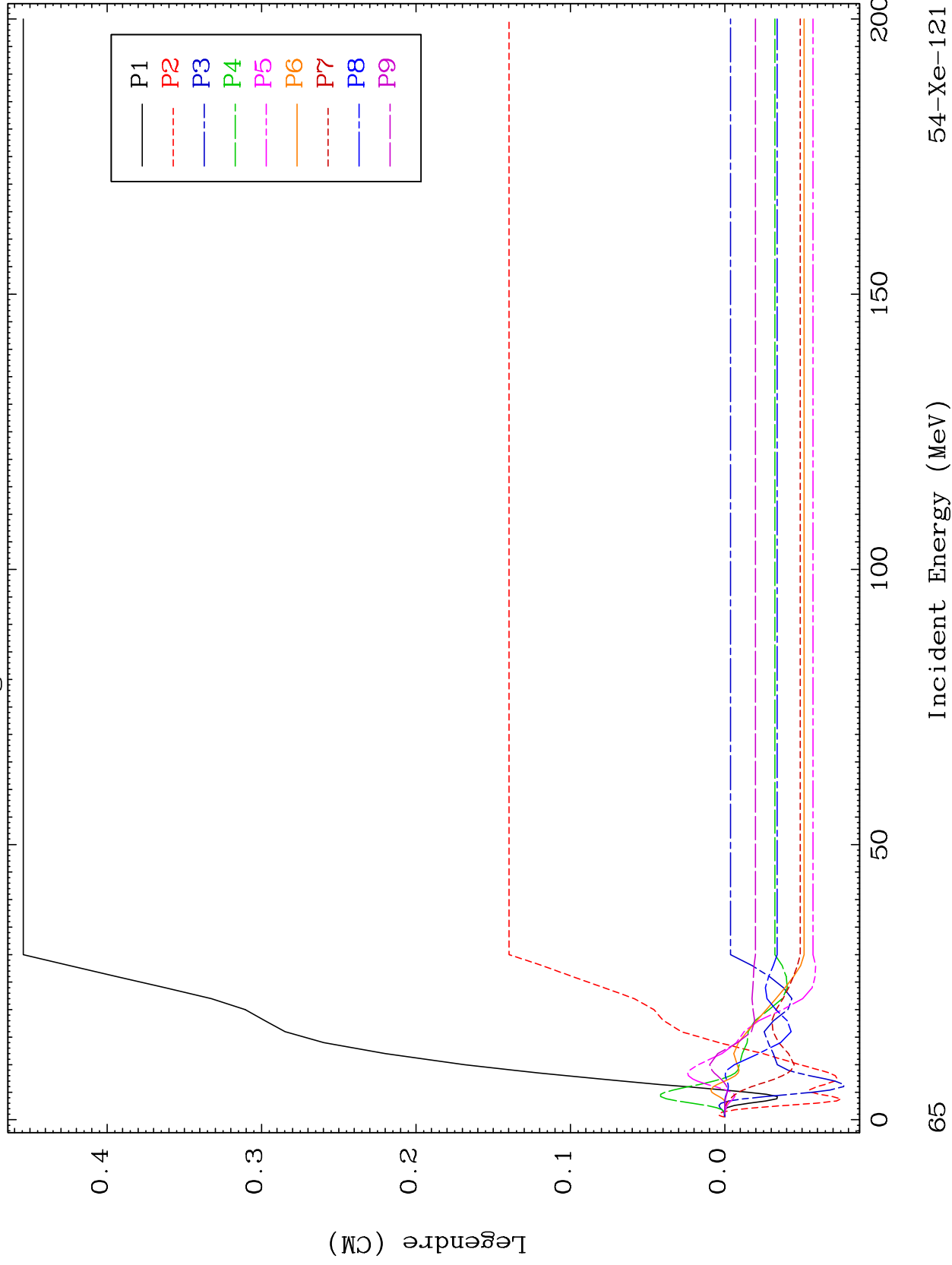
64

54-Xe-121

MAT 5416

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

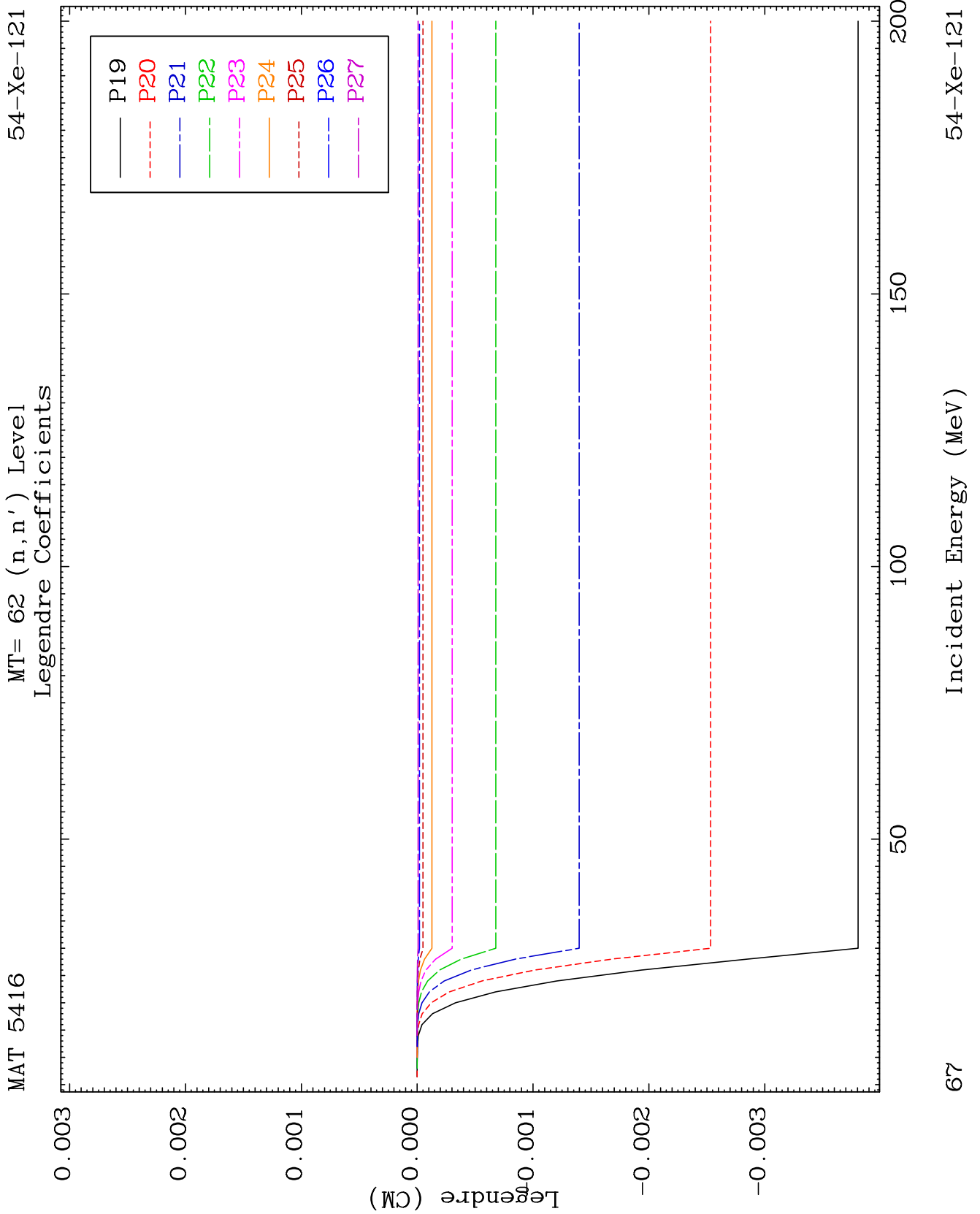
54-Xe-121



54-Xe-121

Incident Energy (MeV)

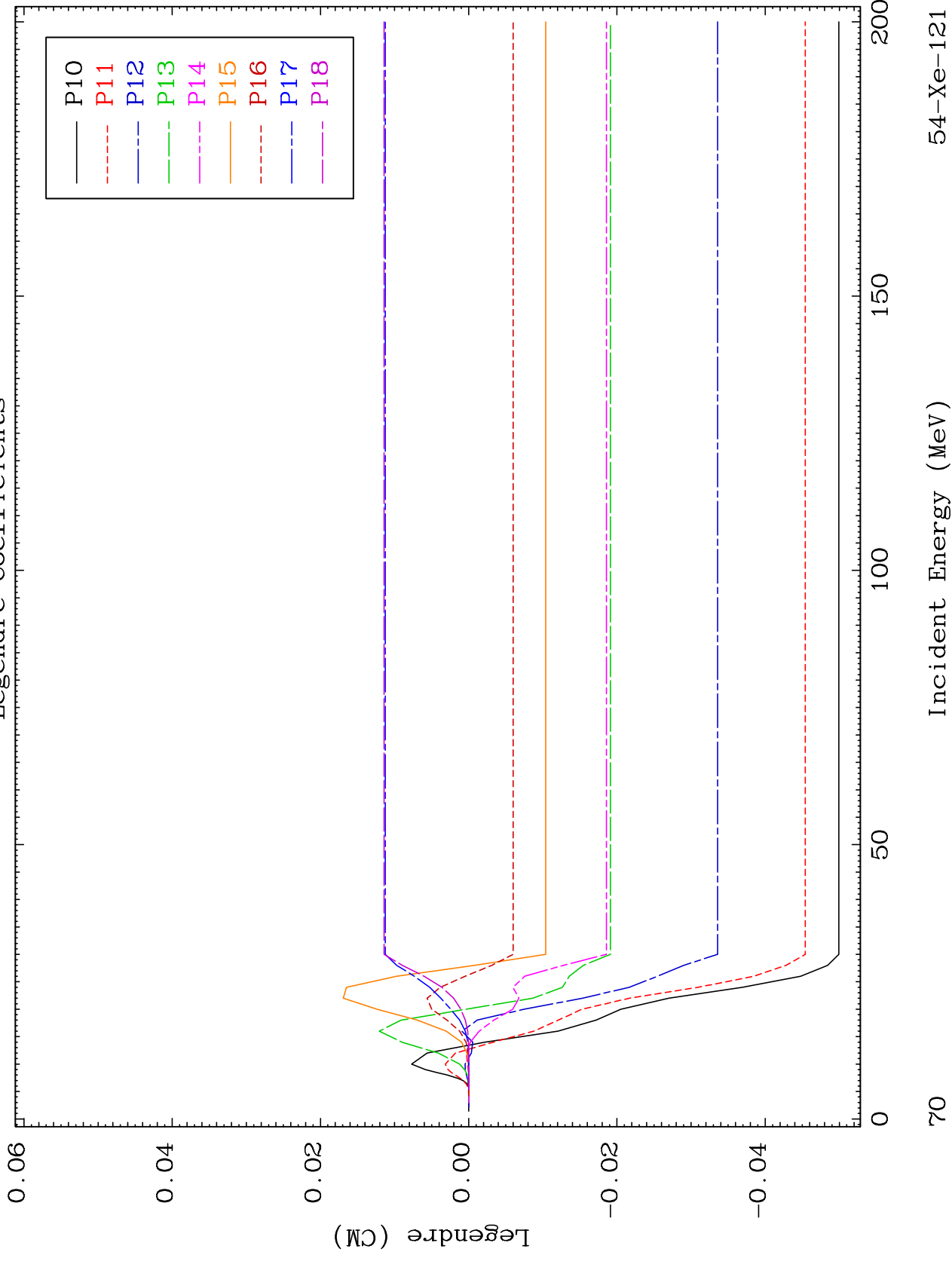
65



MAT 5416

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

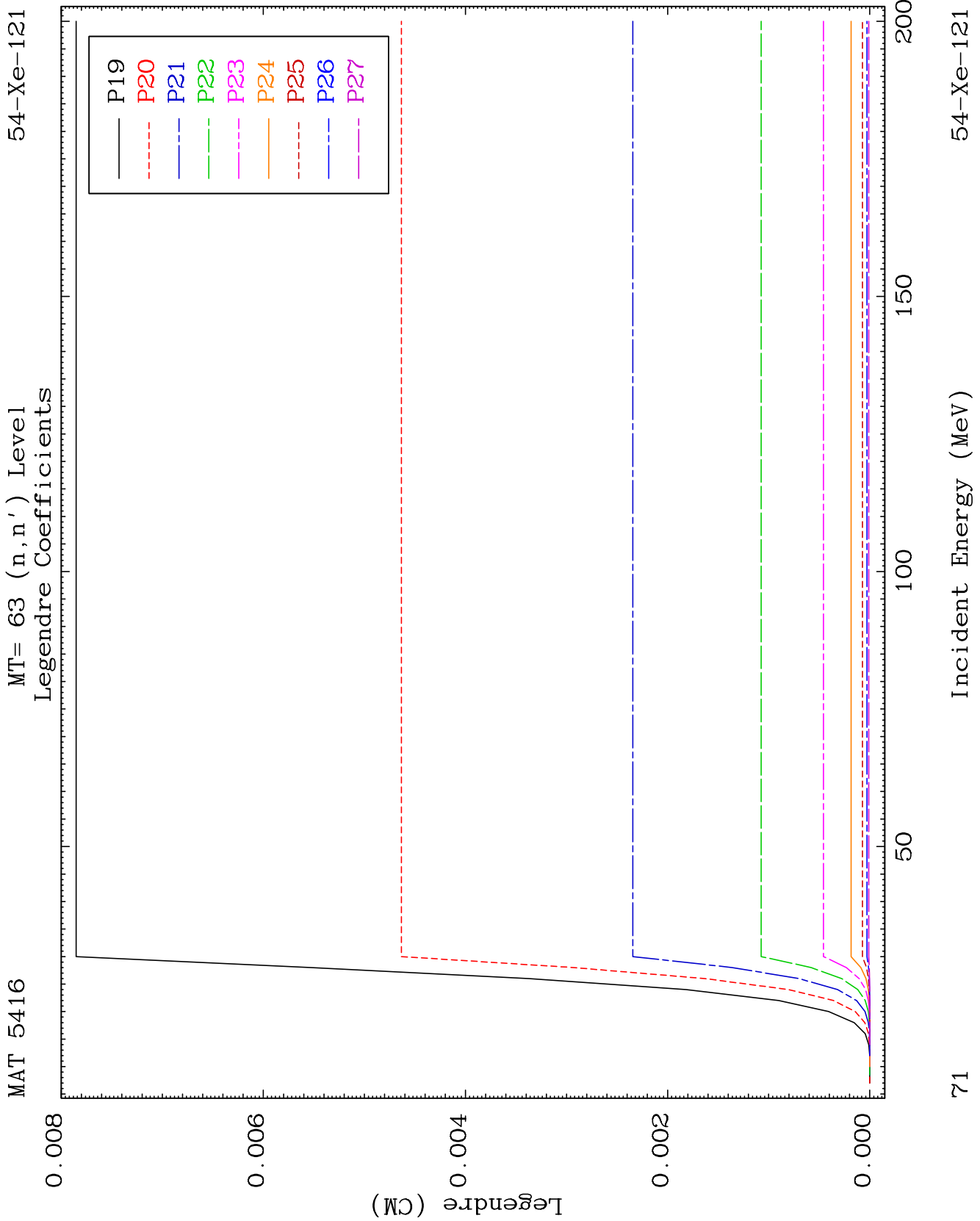
54-Xe-121



54-Xe-121

Incident Energy (MeV)

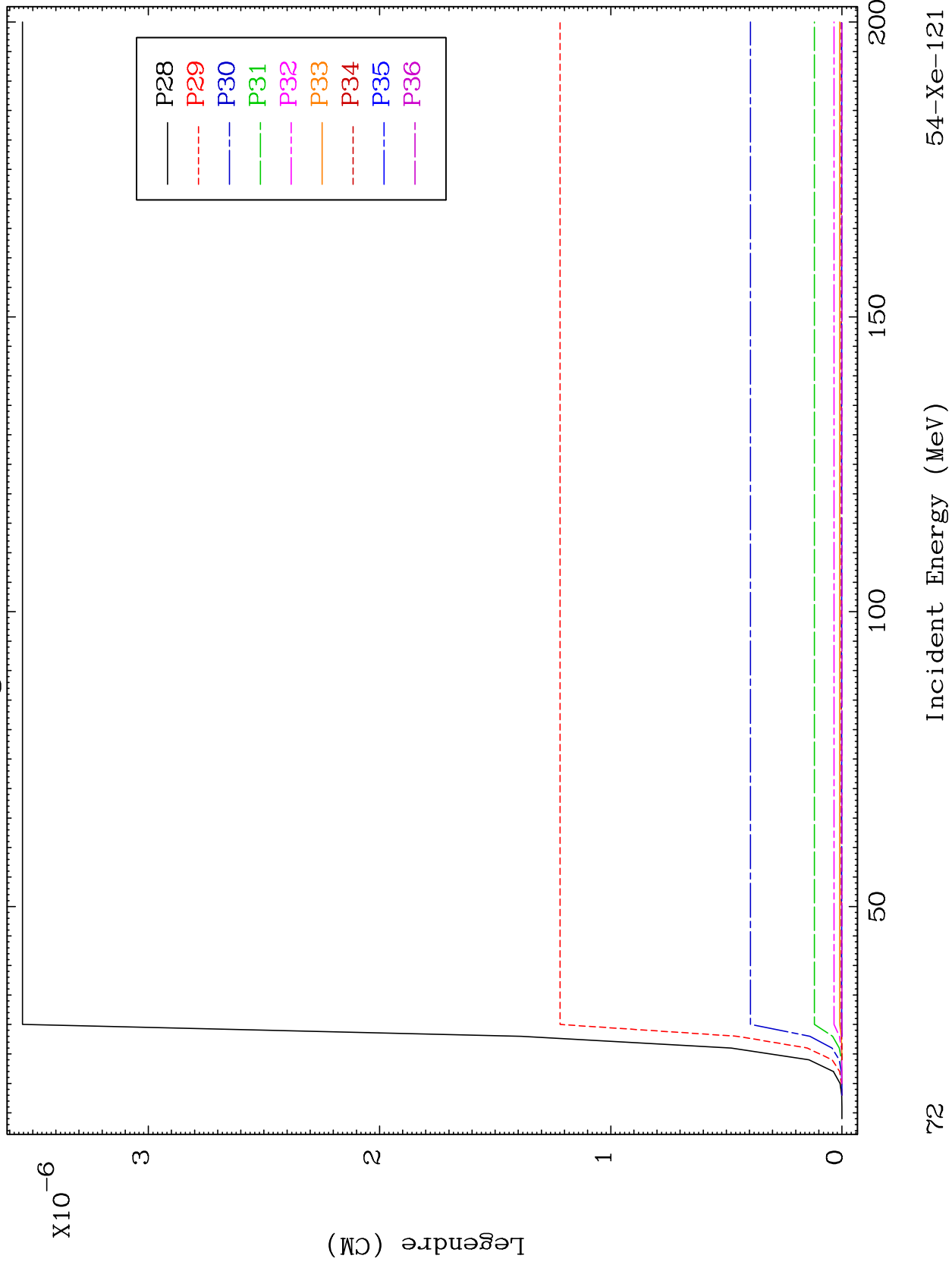
70



MAT 5416

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

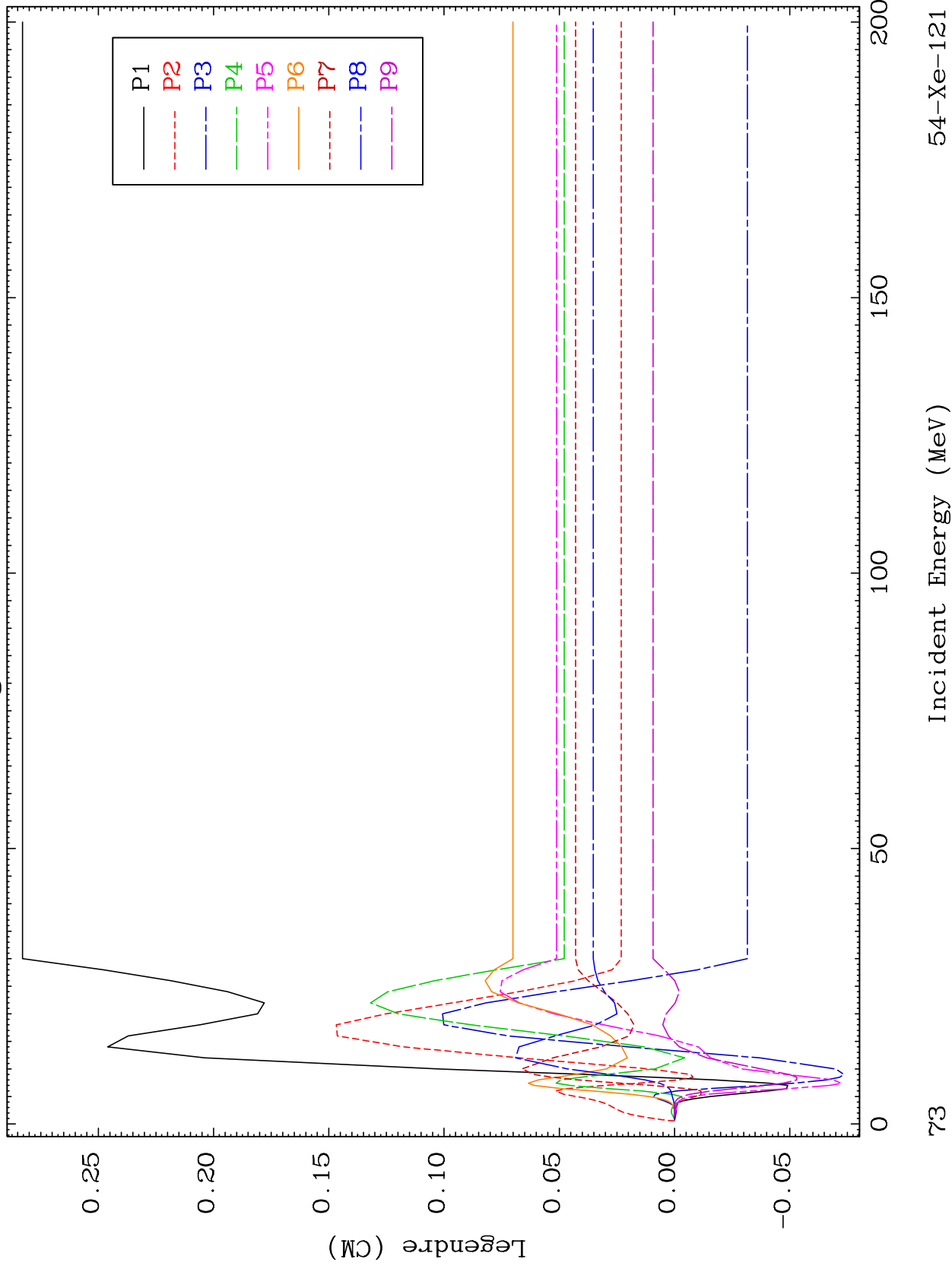
54-Xe-121



MAT 5416

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

54-Xe-121



73

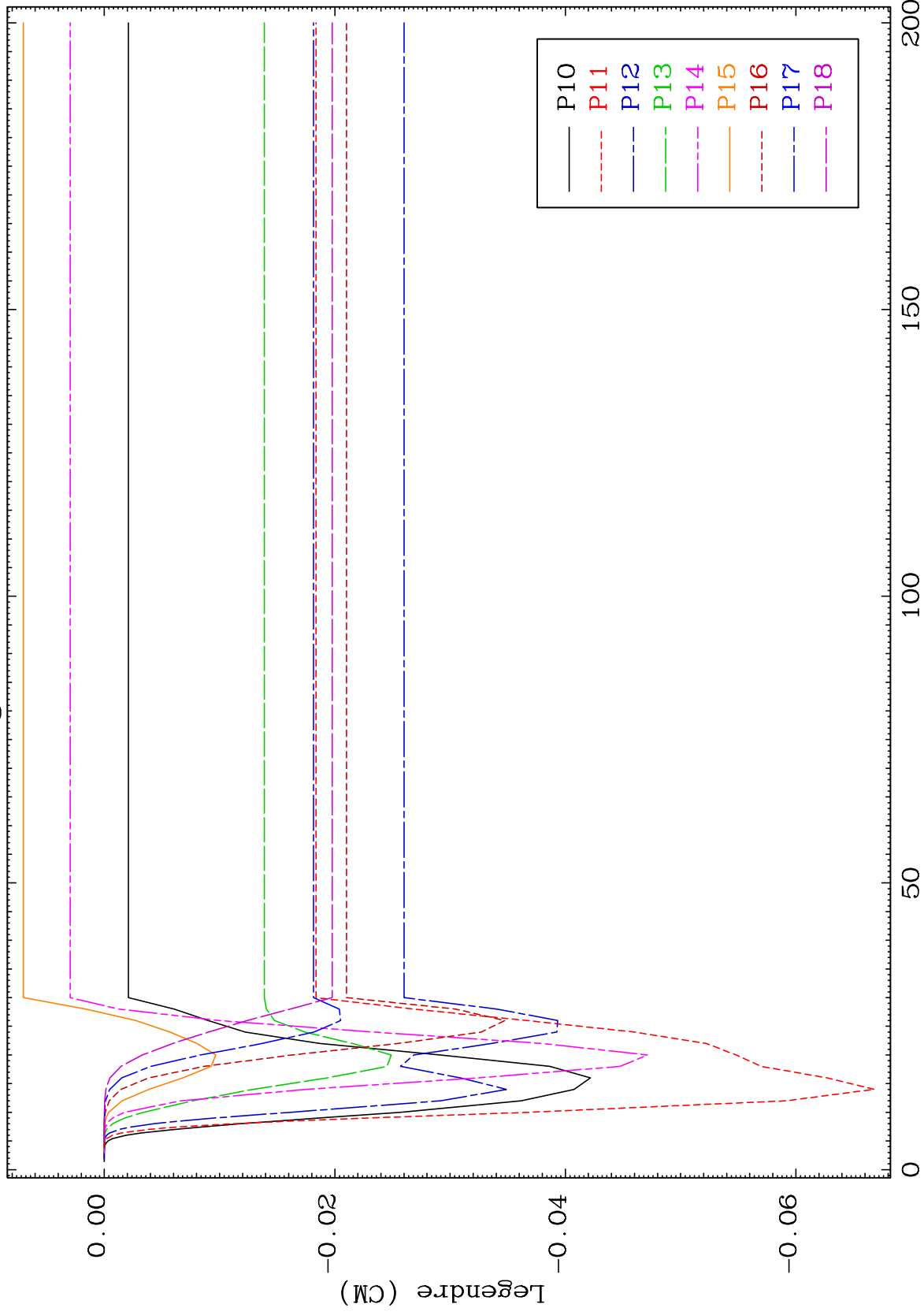
Incident Energy (MeV)

54-Xe-121

MAT 5416

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

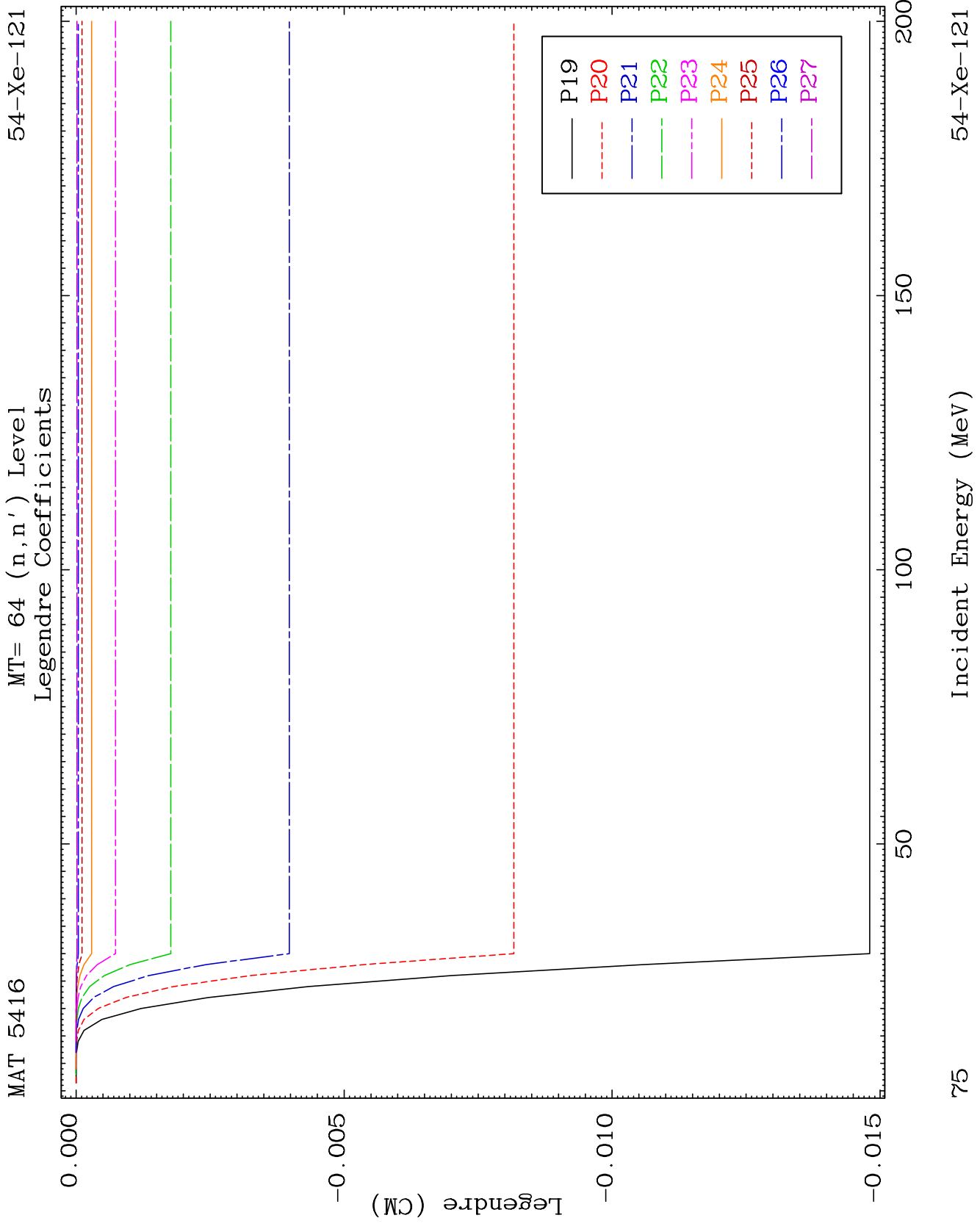
54-Xe-121

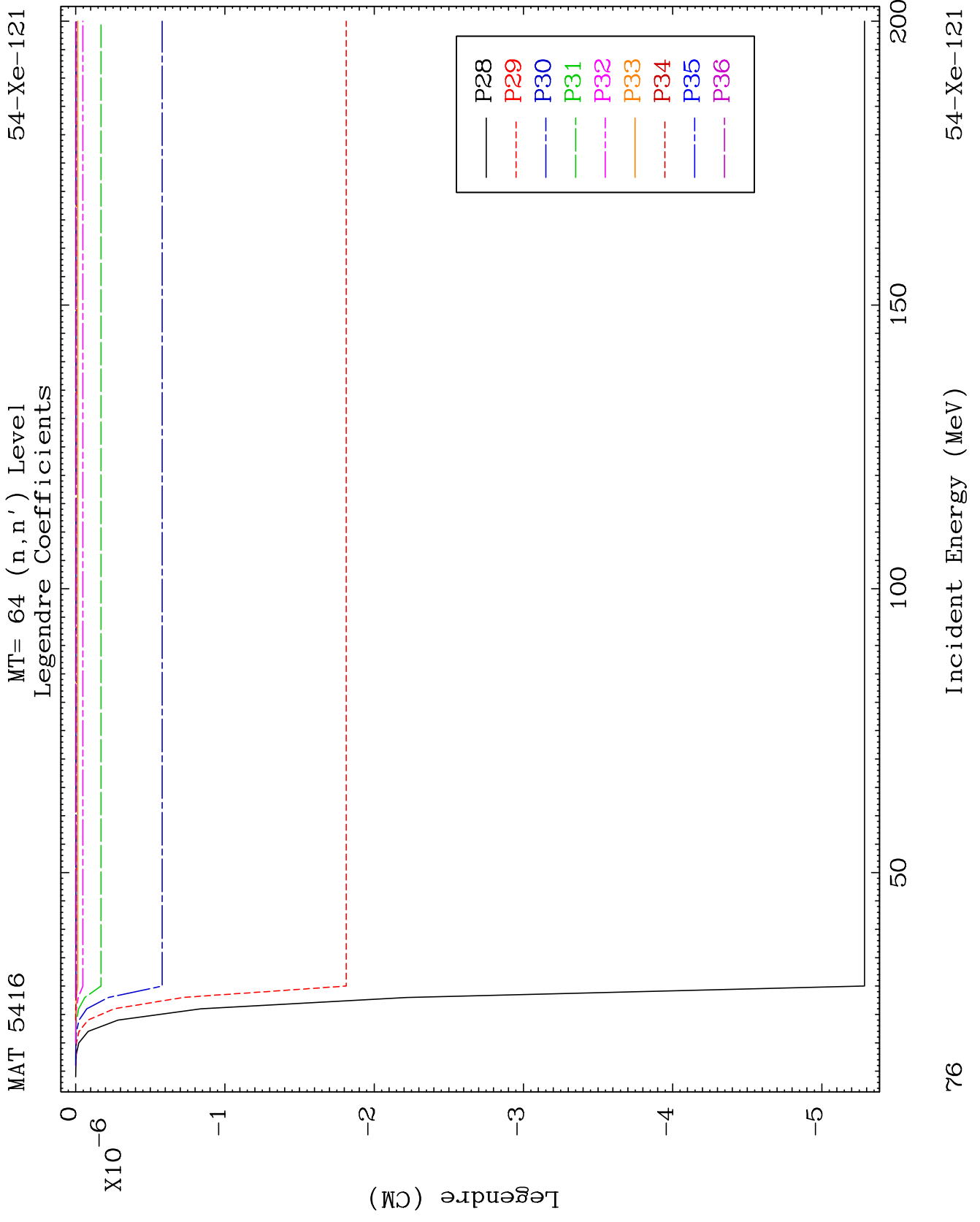


74

Incident Energy (MeV)

54-Xe-121

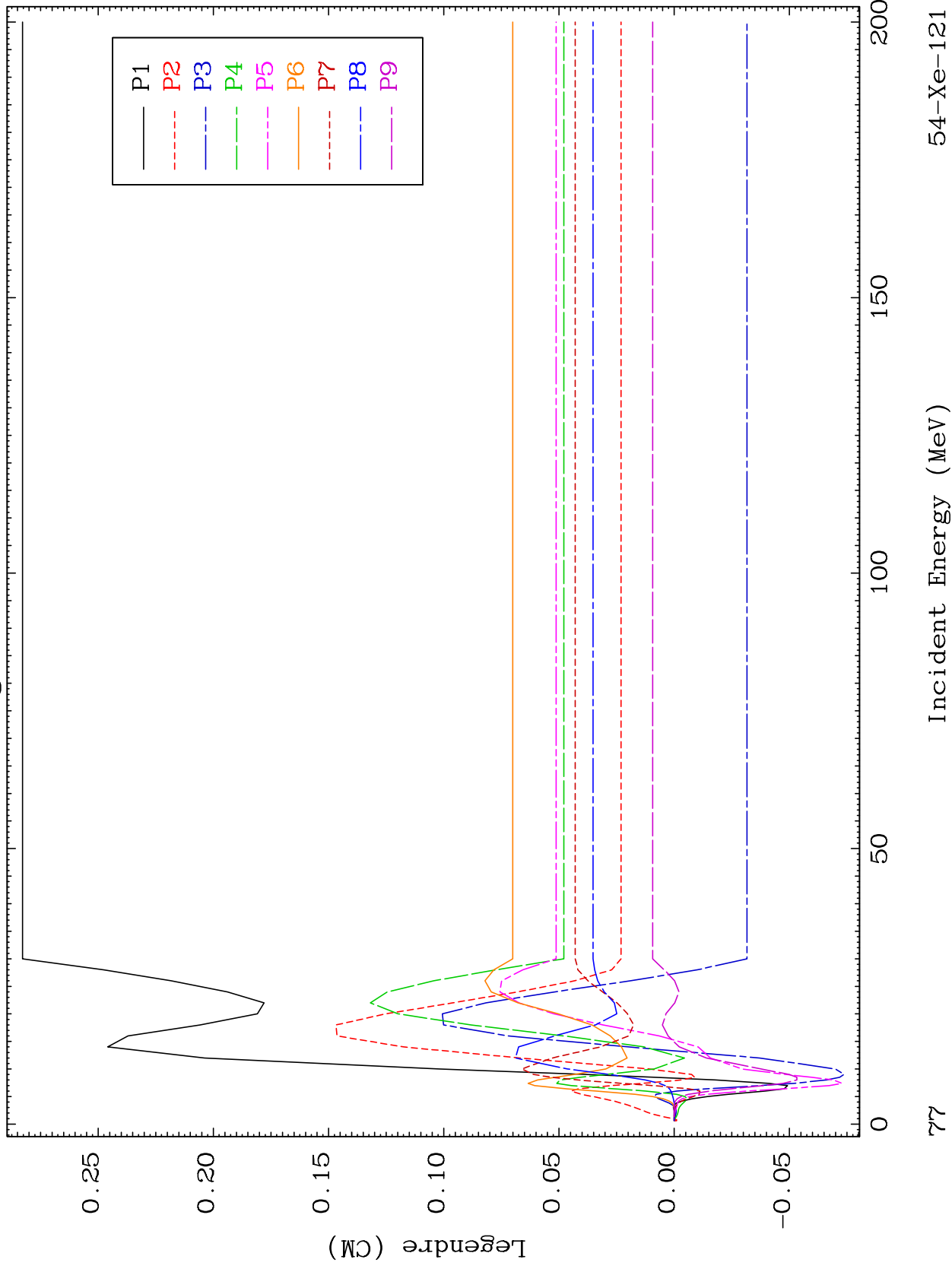




MAT 5416

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

54-Xe-121



77

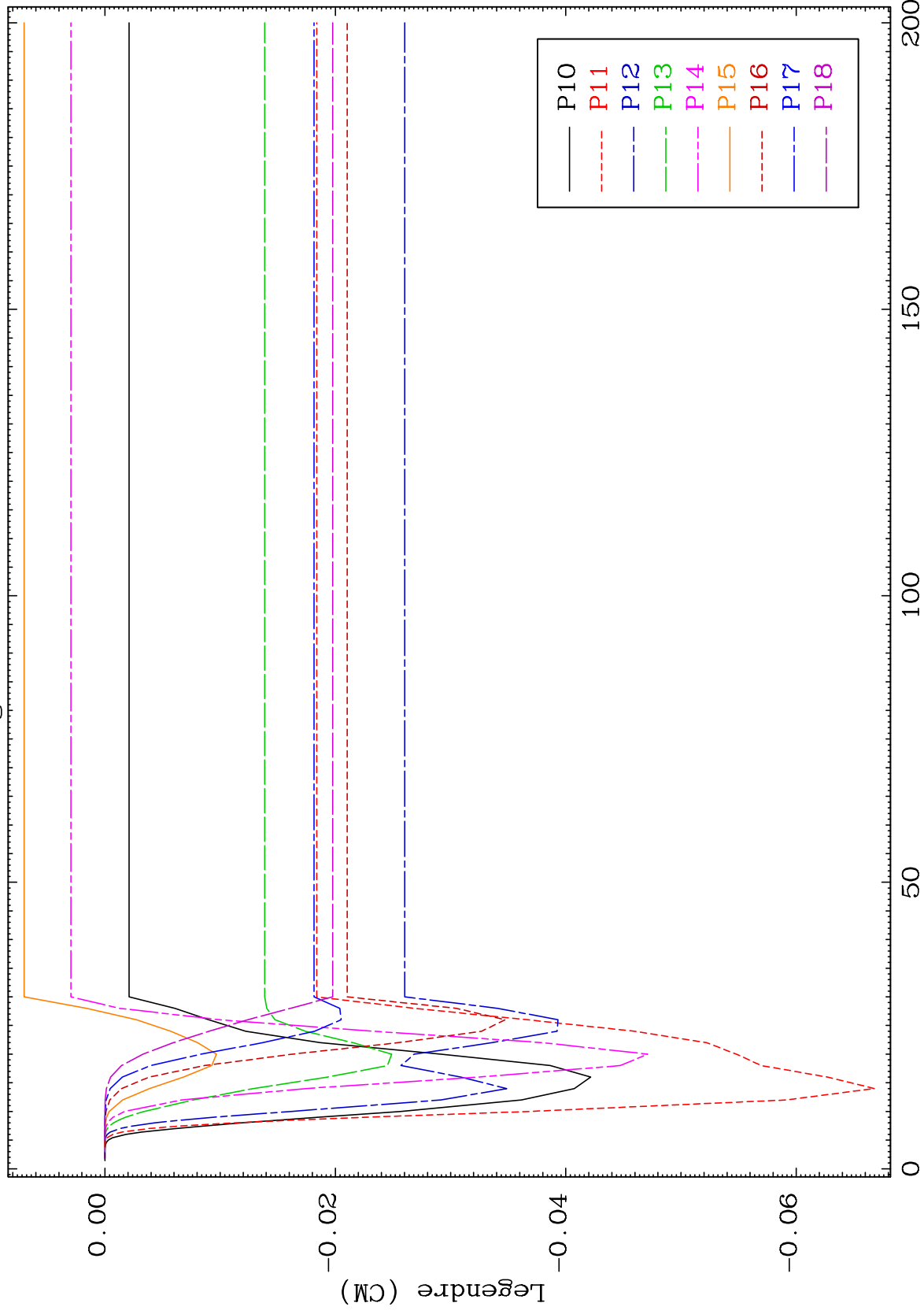
Incident Energy (MeV)

54-Xe-121

MAT 5416

54-Xe-121

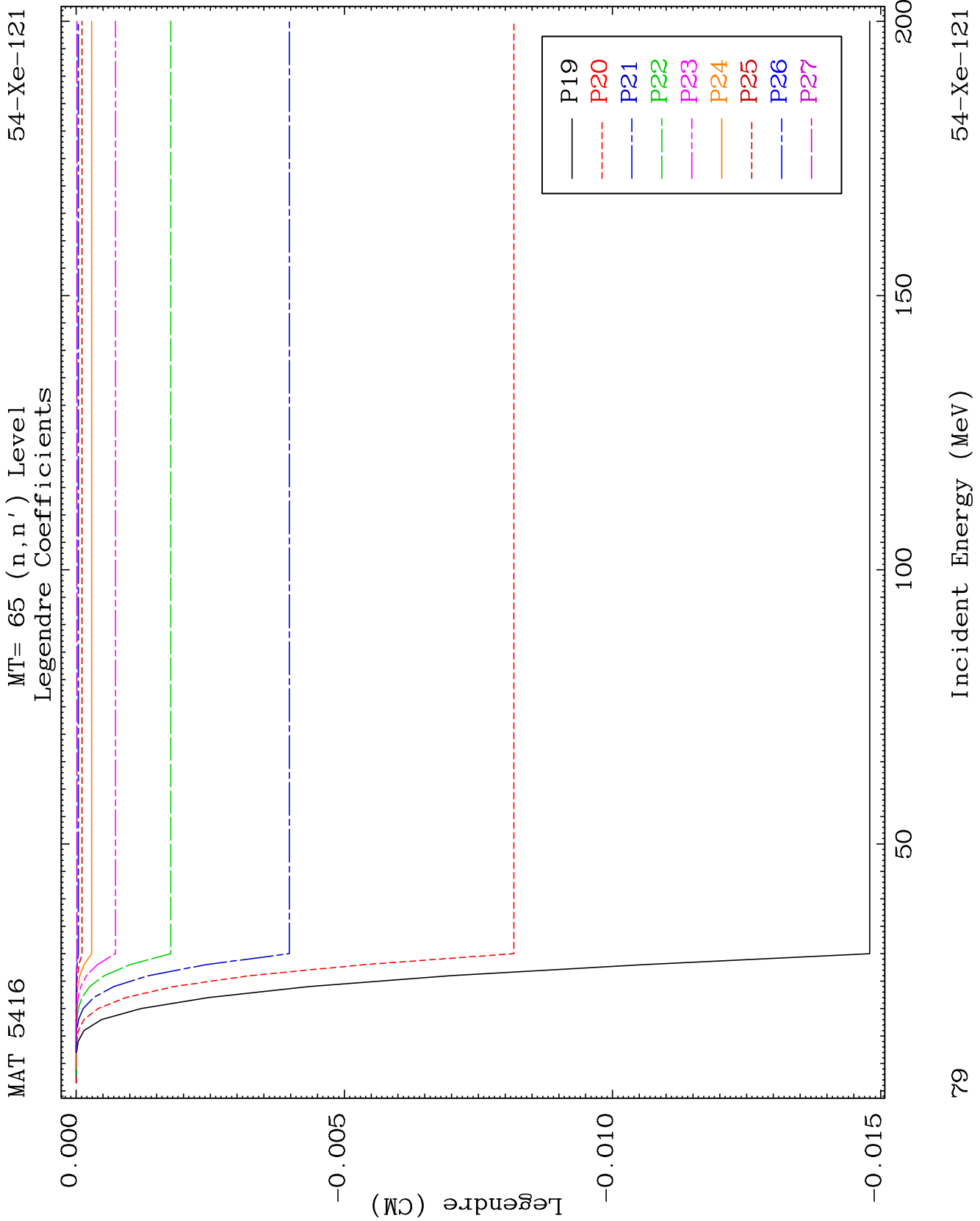
MT= 65 (n,n') Level
Legendre Coefficients

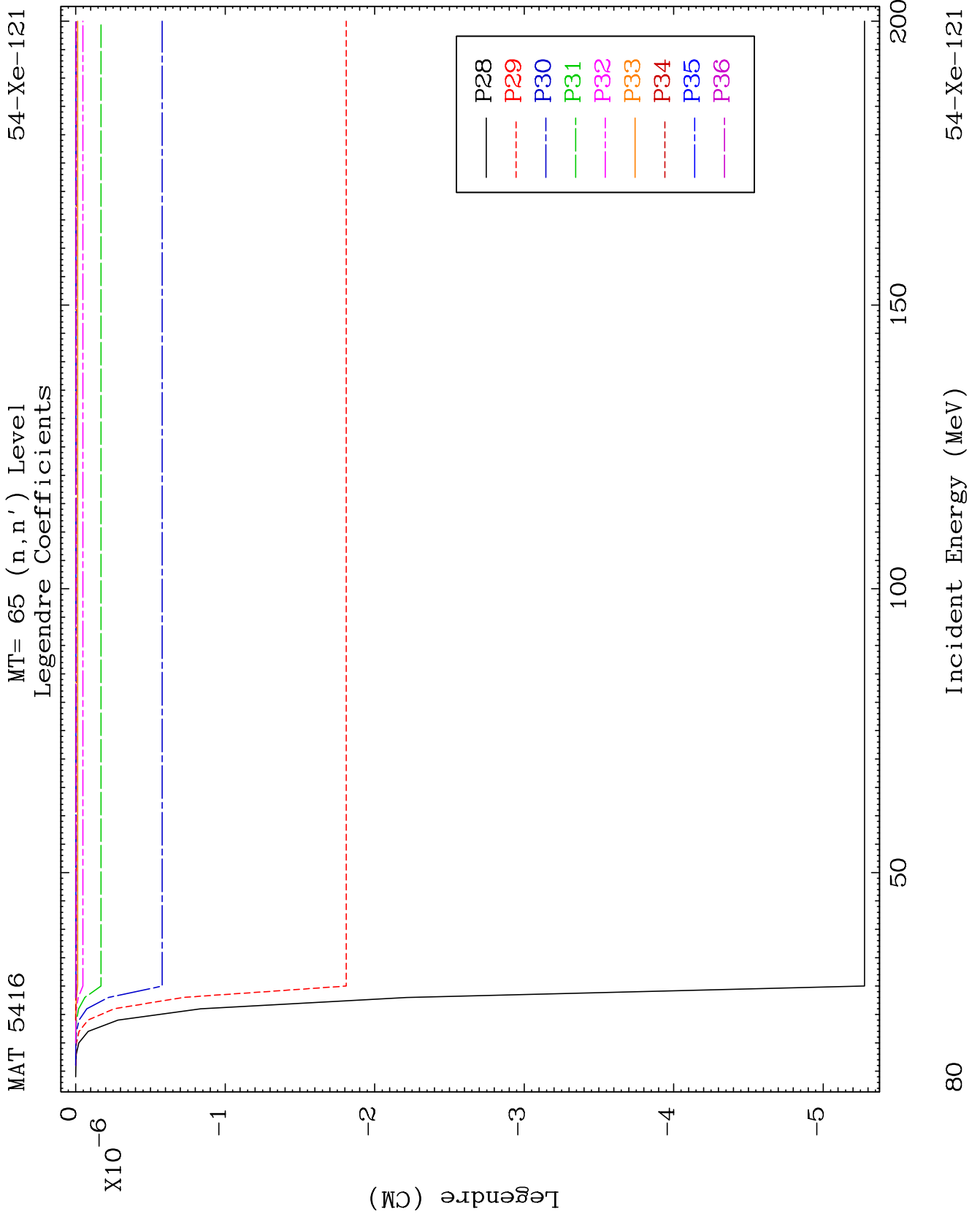


78

Incident Energy (MeV)

54-Xe-121

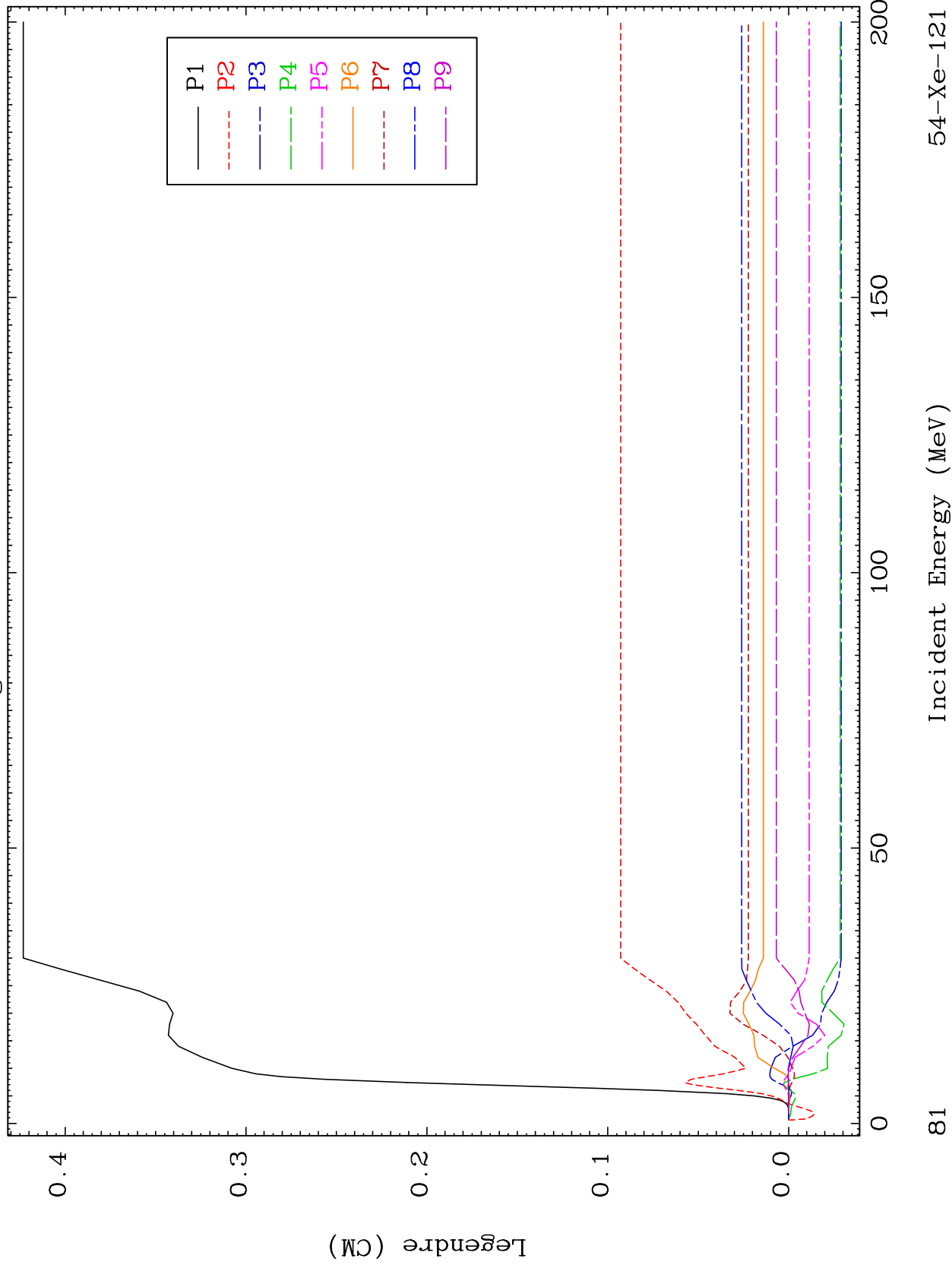




MAT 5416

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

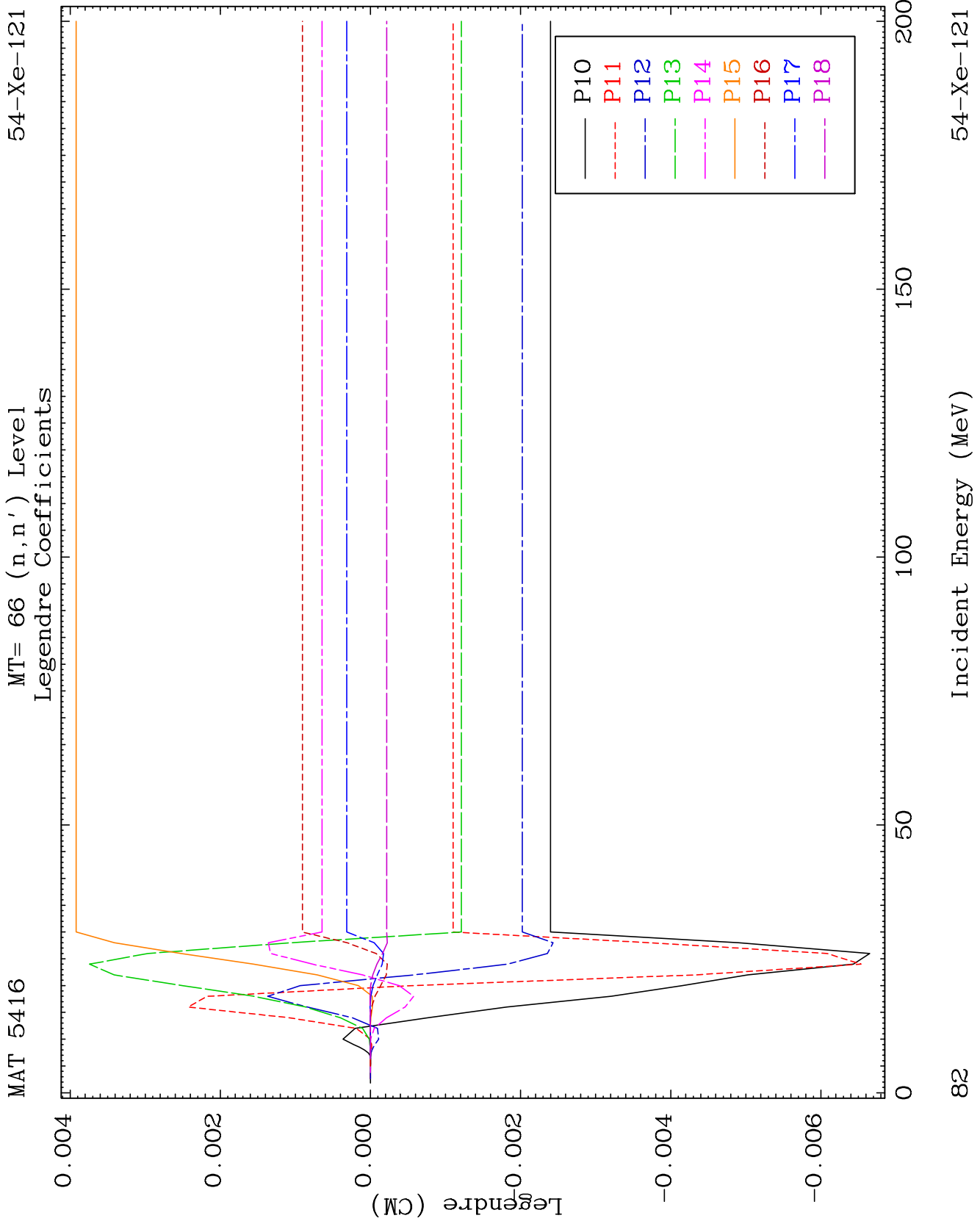
54-Xe-121



54-Xe-121

Incident Energy (MeV)

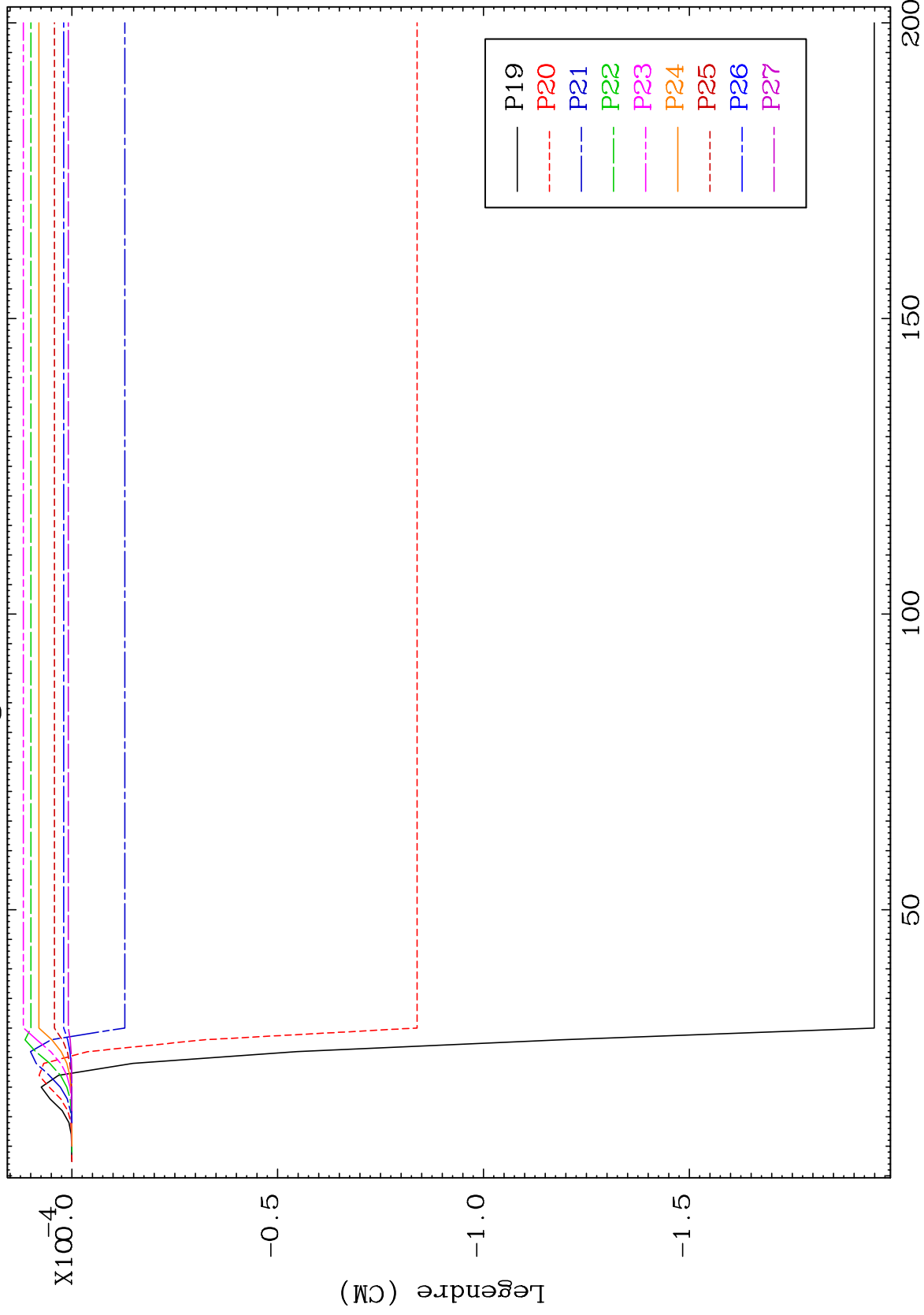
81



MAT 5416

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

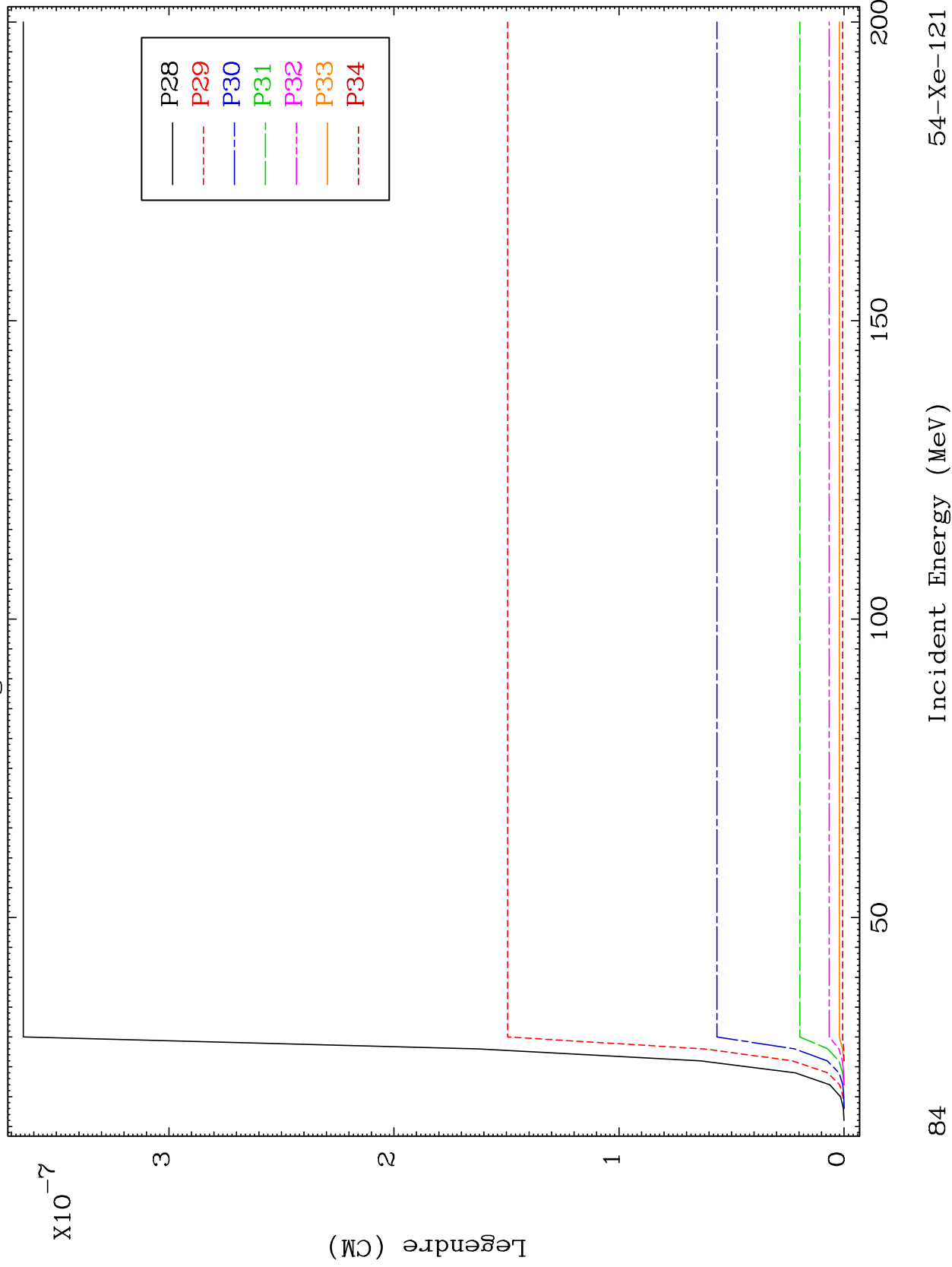
54-Xe-121



MAT 5416

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

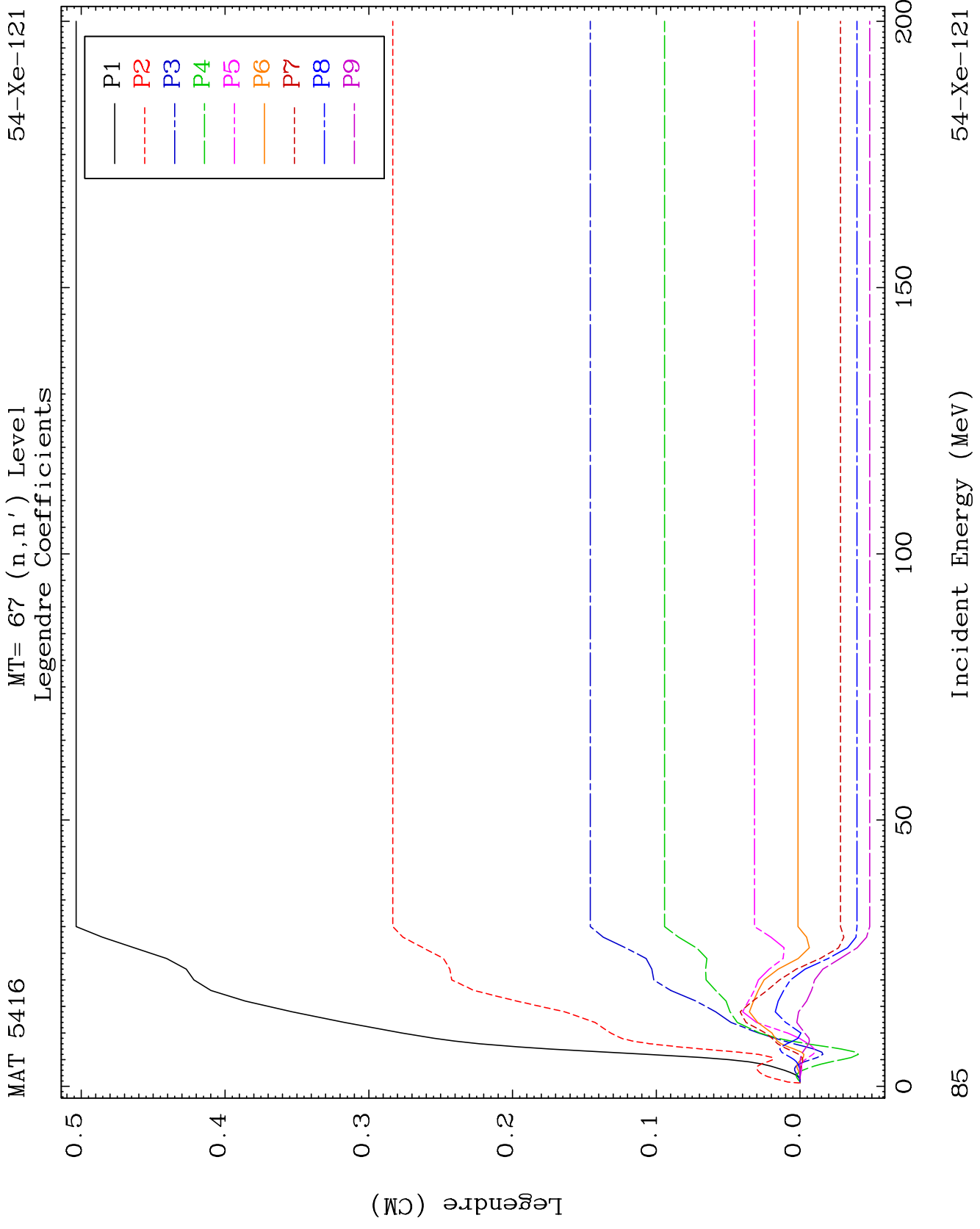
54-Xe-121



84

Incident Energy (MeV)

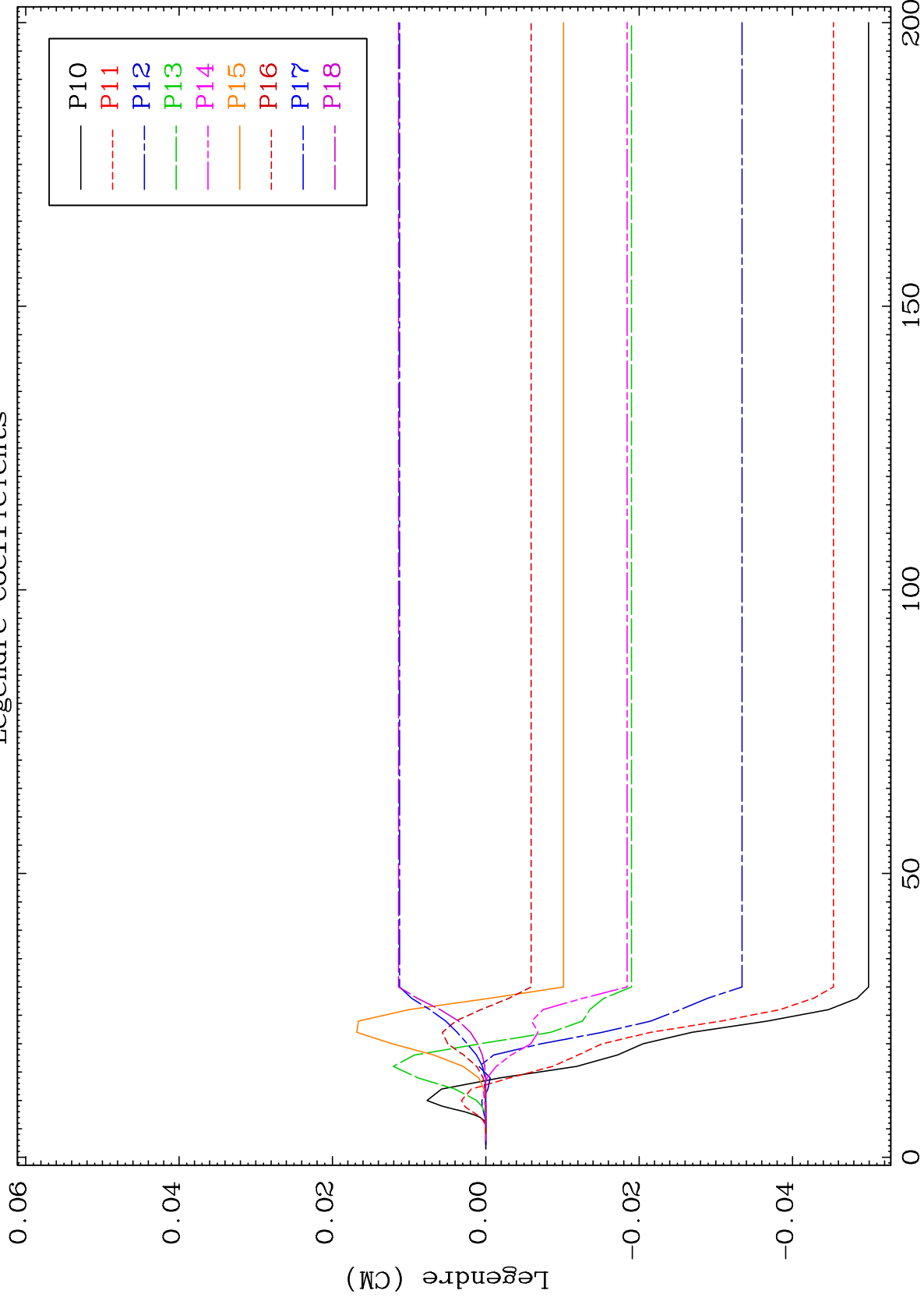
54-Xe-121



MAT 5416

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

54-Xe-121



86

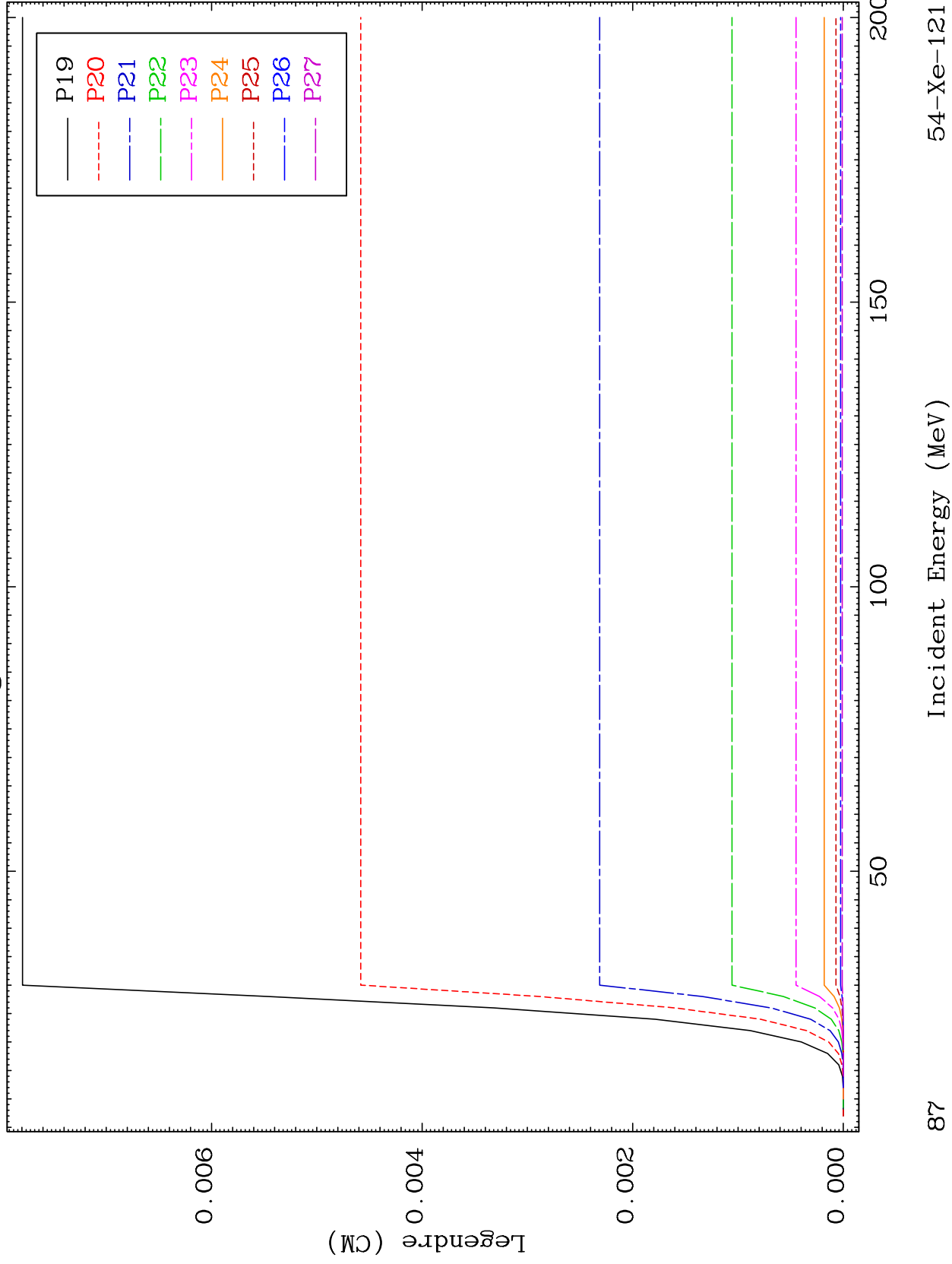
Incident Energy (MeV)

54-Xe-121

MAT 5416

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

54-Xe-121



87

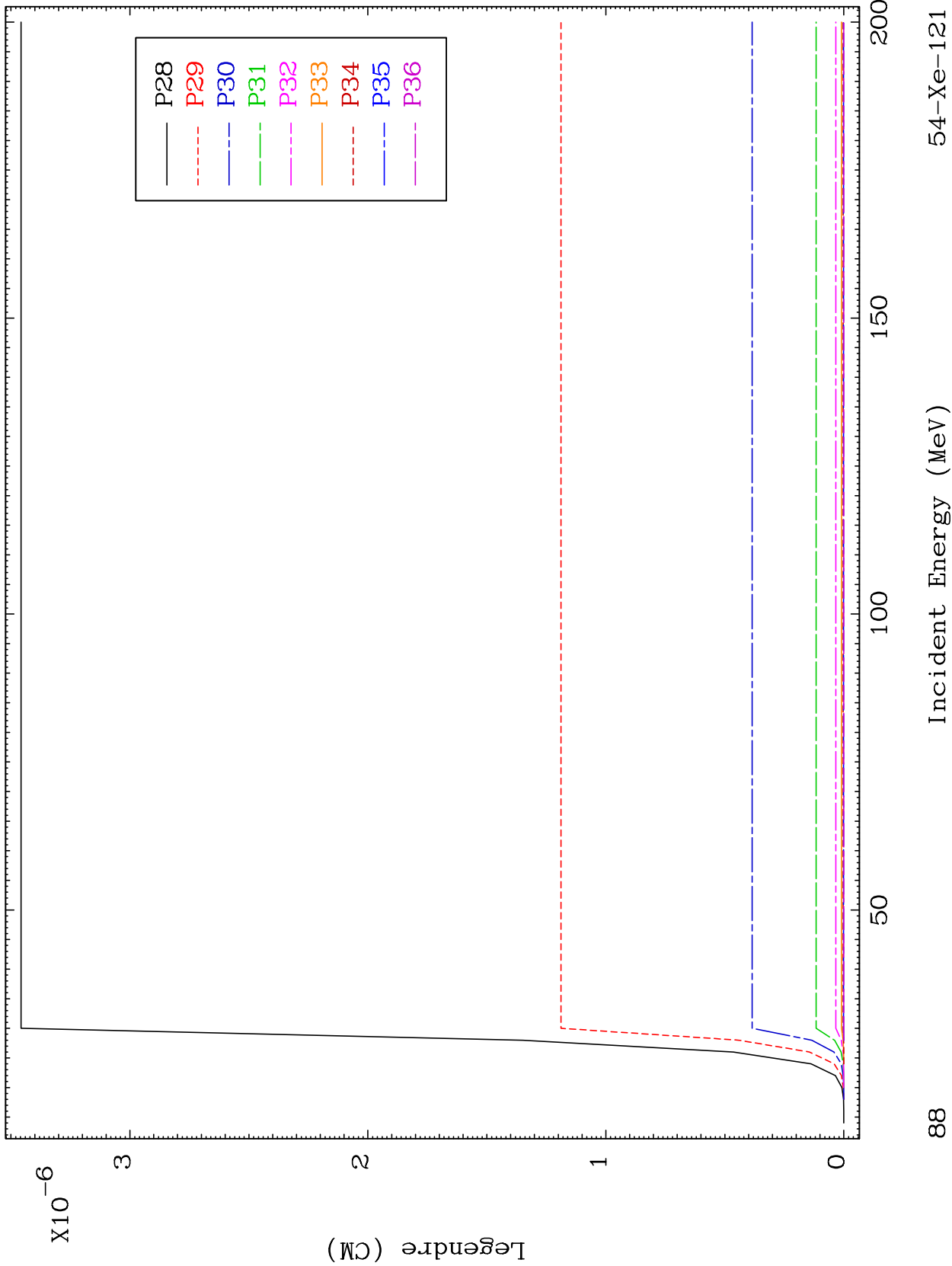
Incident Energy (MeV)

54-Xe-121

MAT 5416

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

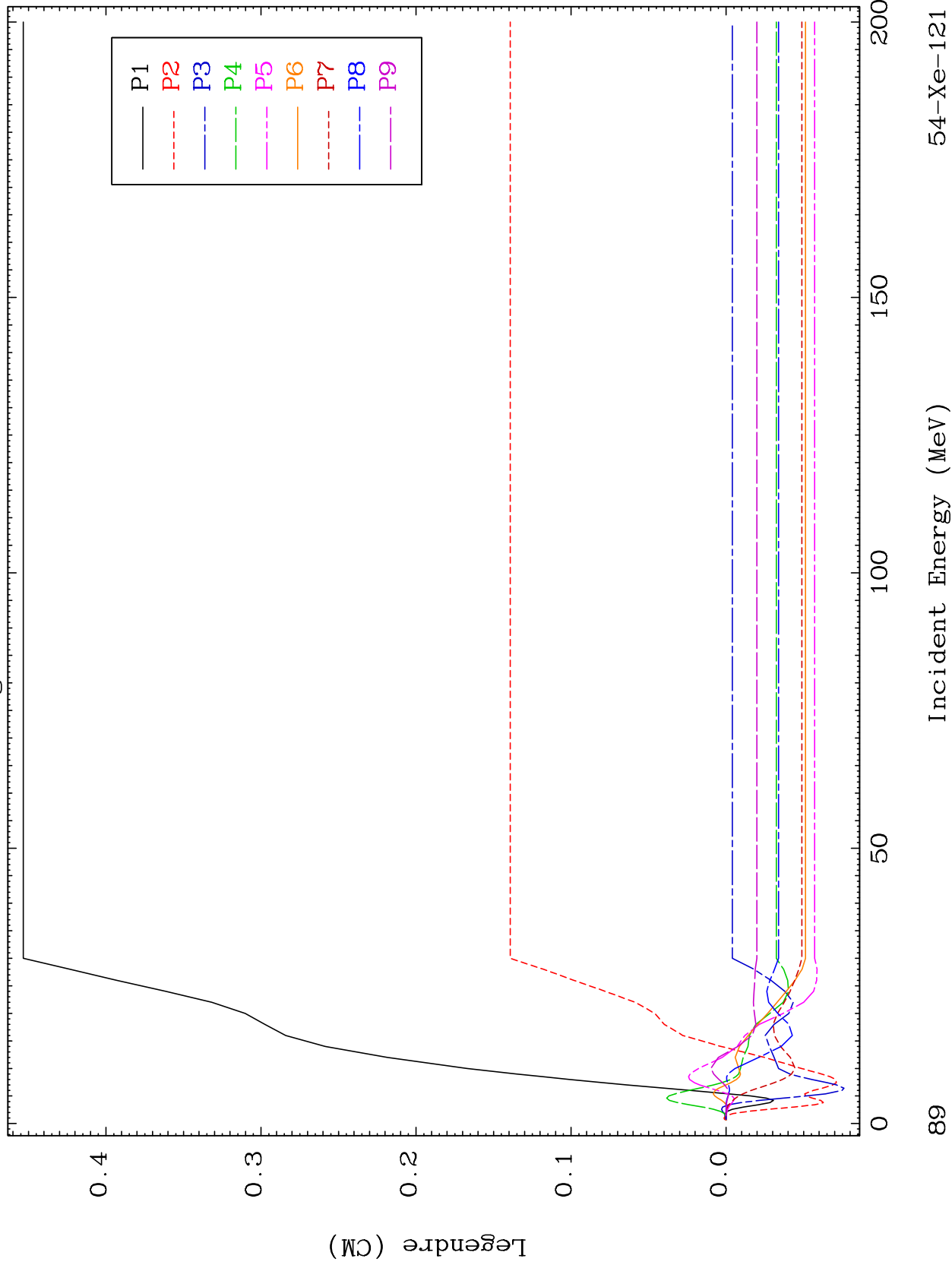
54-Xe-121



MAT 5416

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

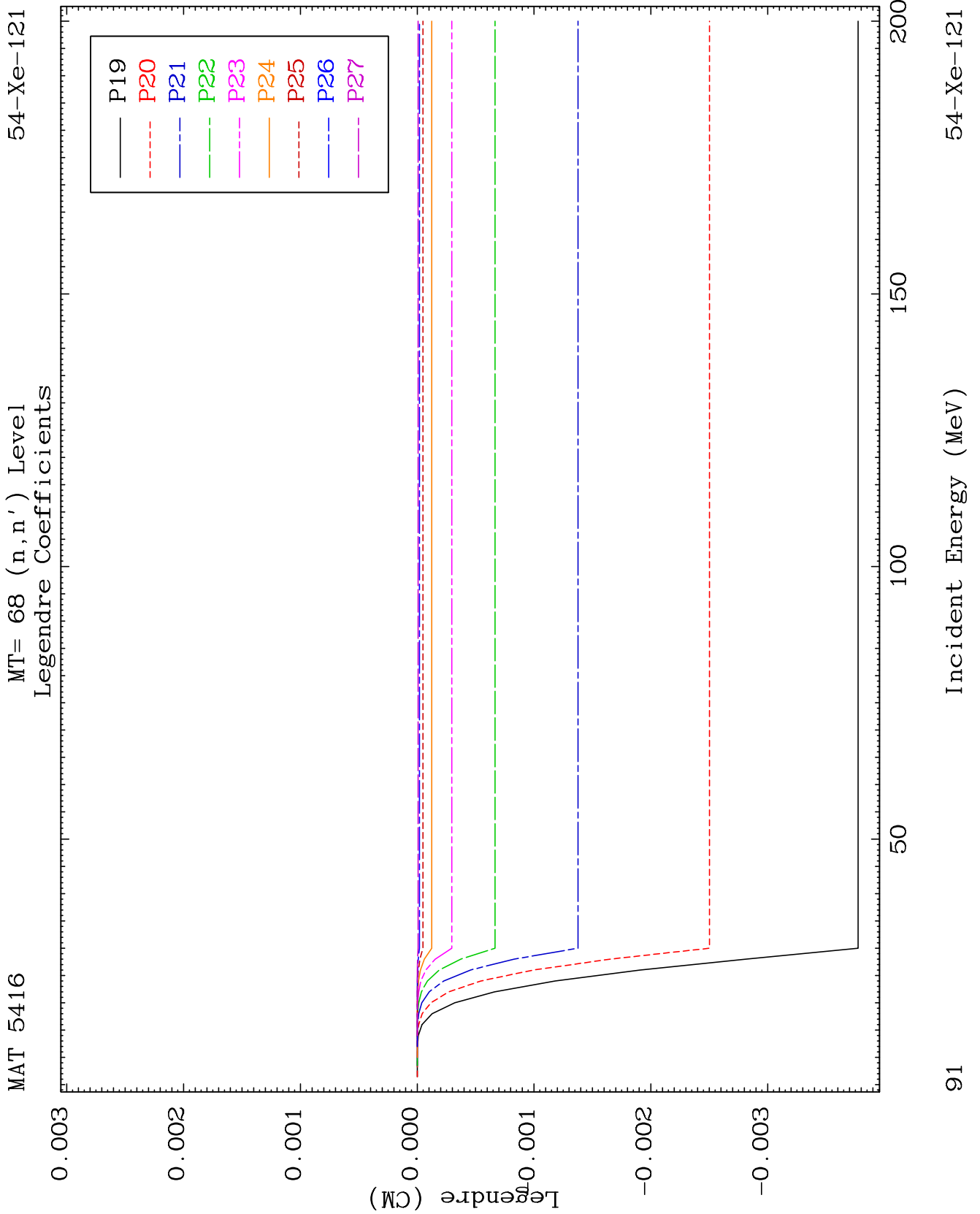
54-Xe-121

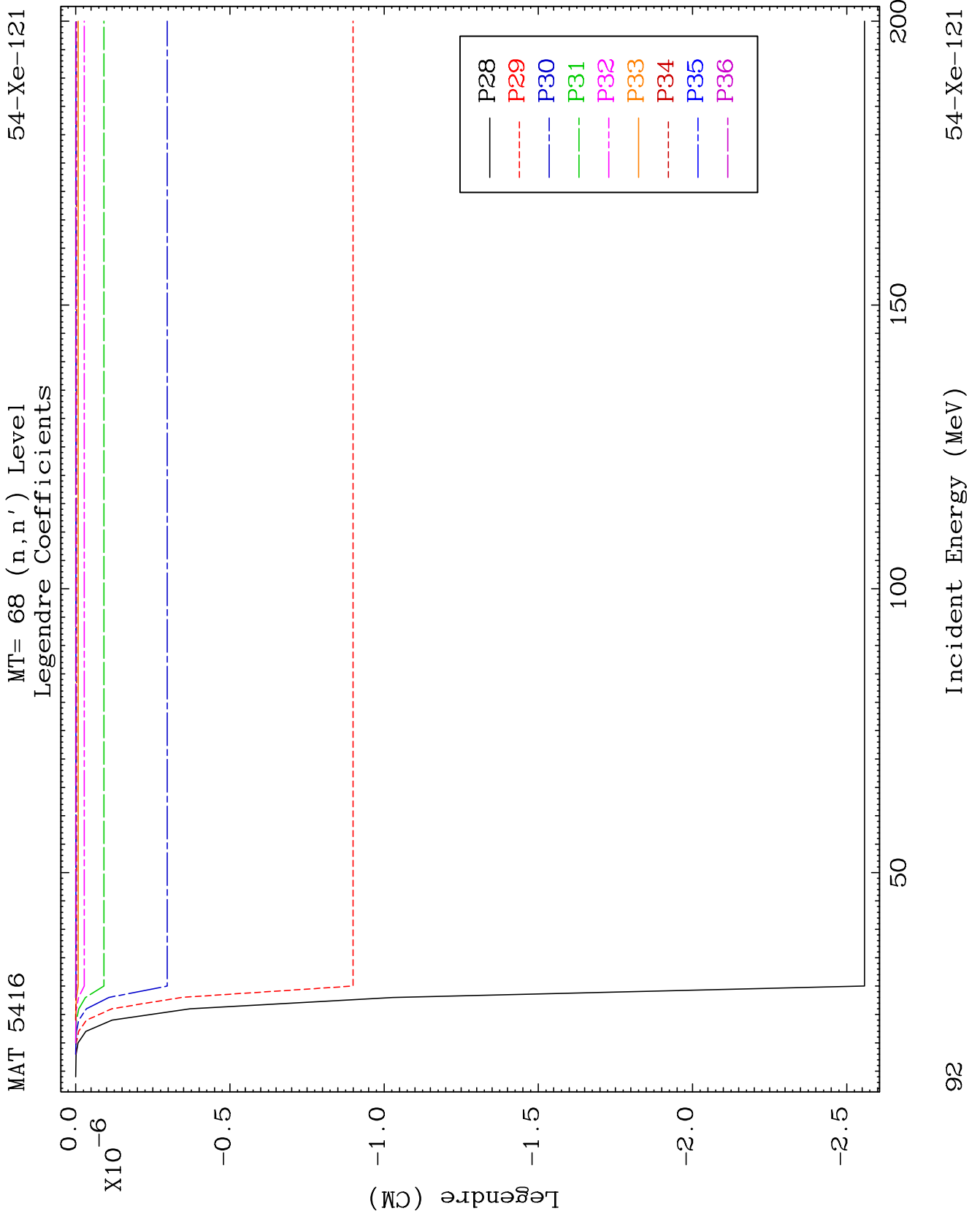


54-Xe-121

Incident Energy (MeV)

89

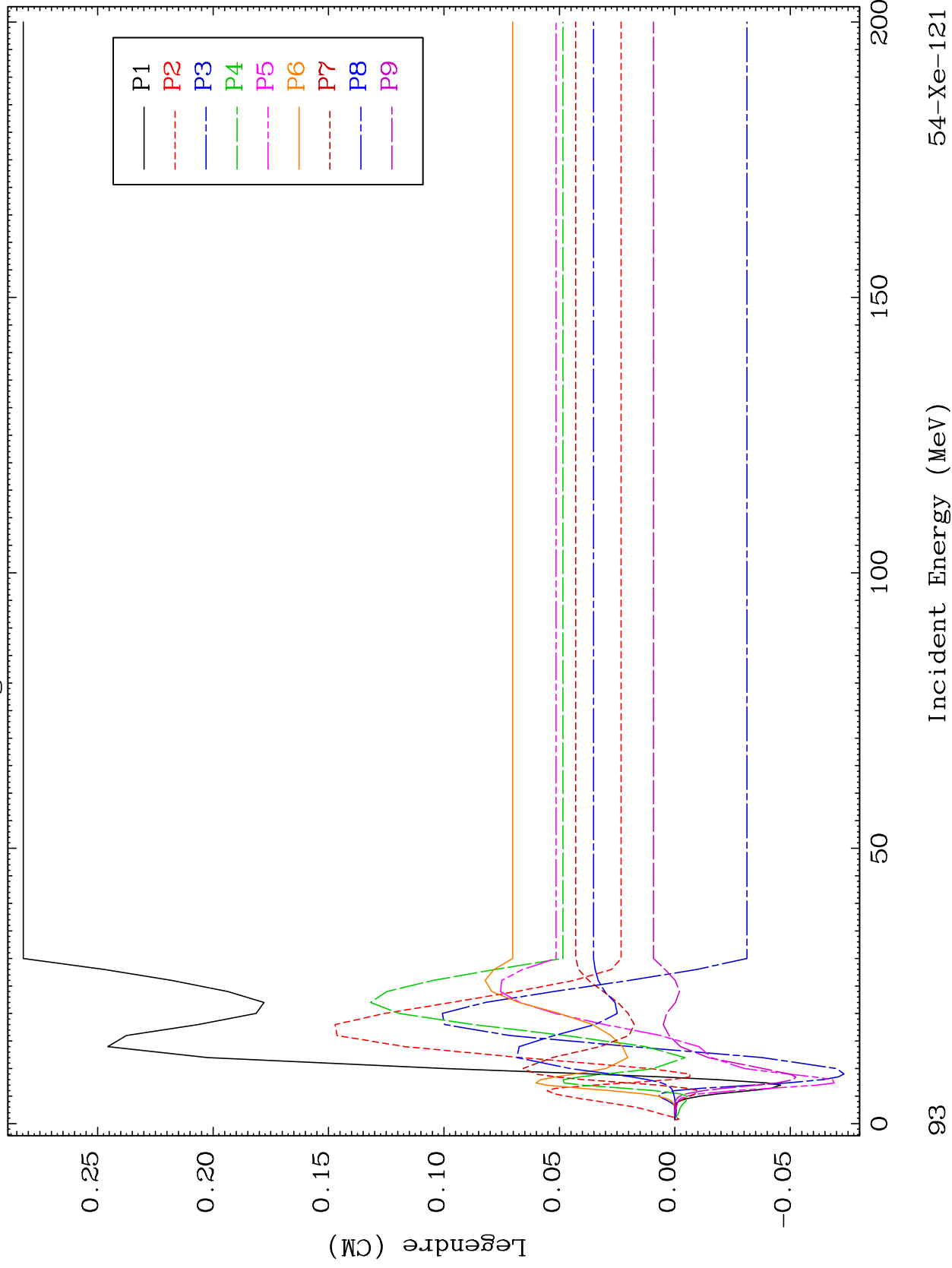




MAT 5416

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

54-Xe-121



93

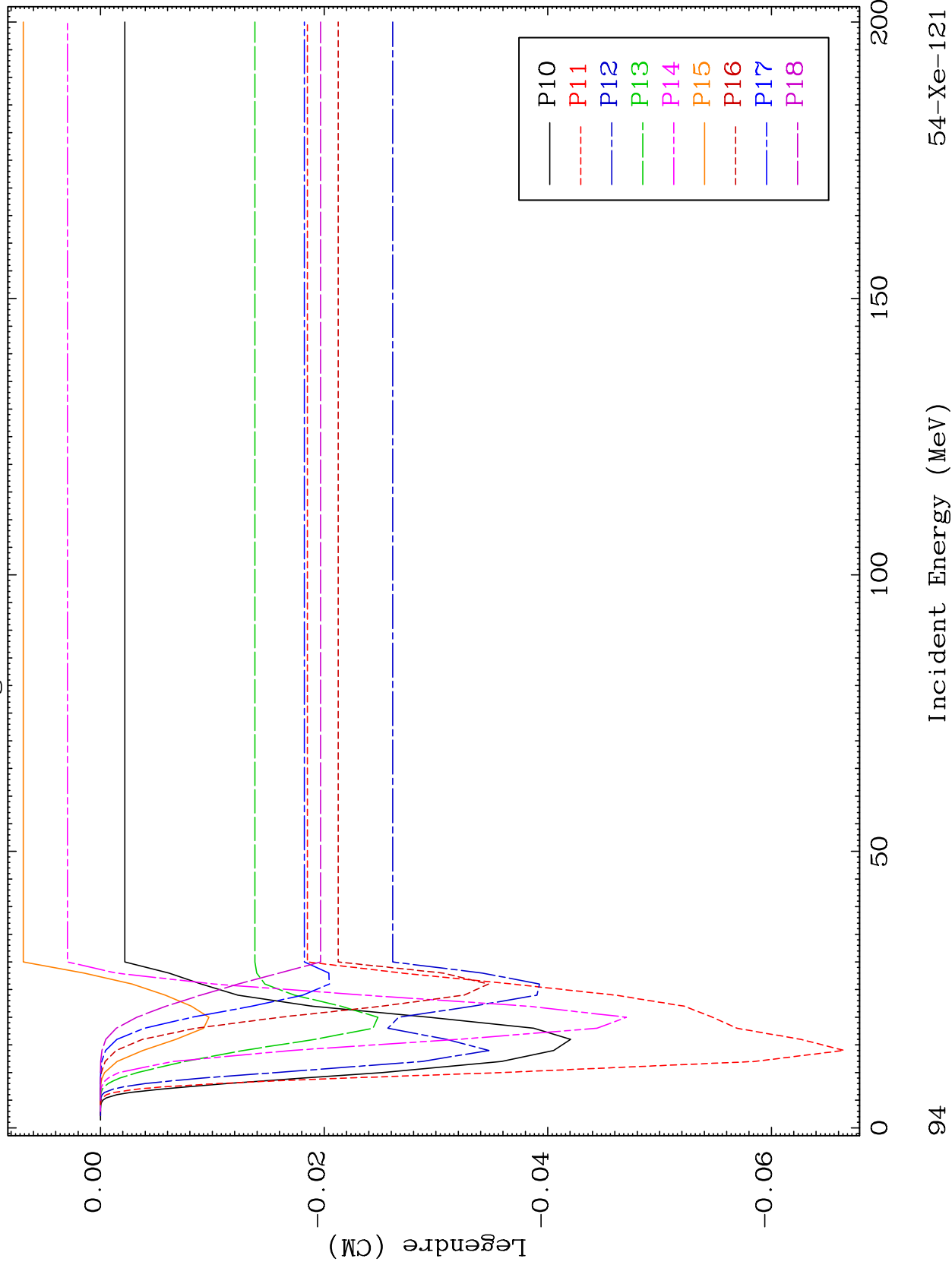
Incident Energy (MeV)

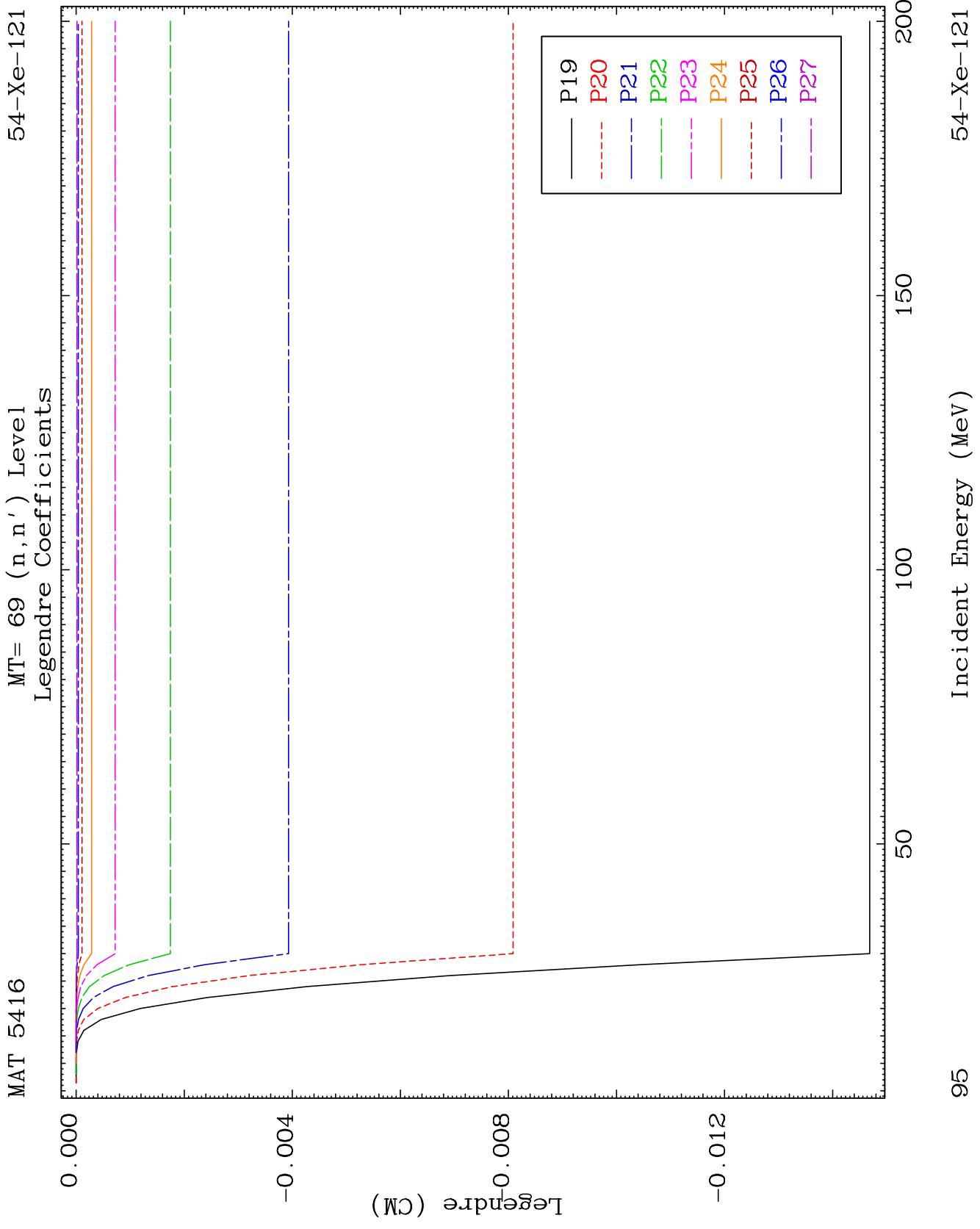
54-Xe-121

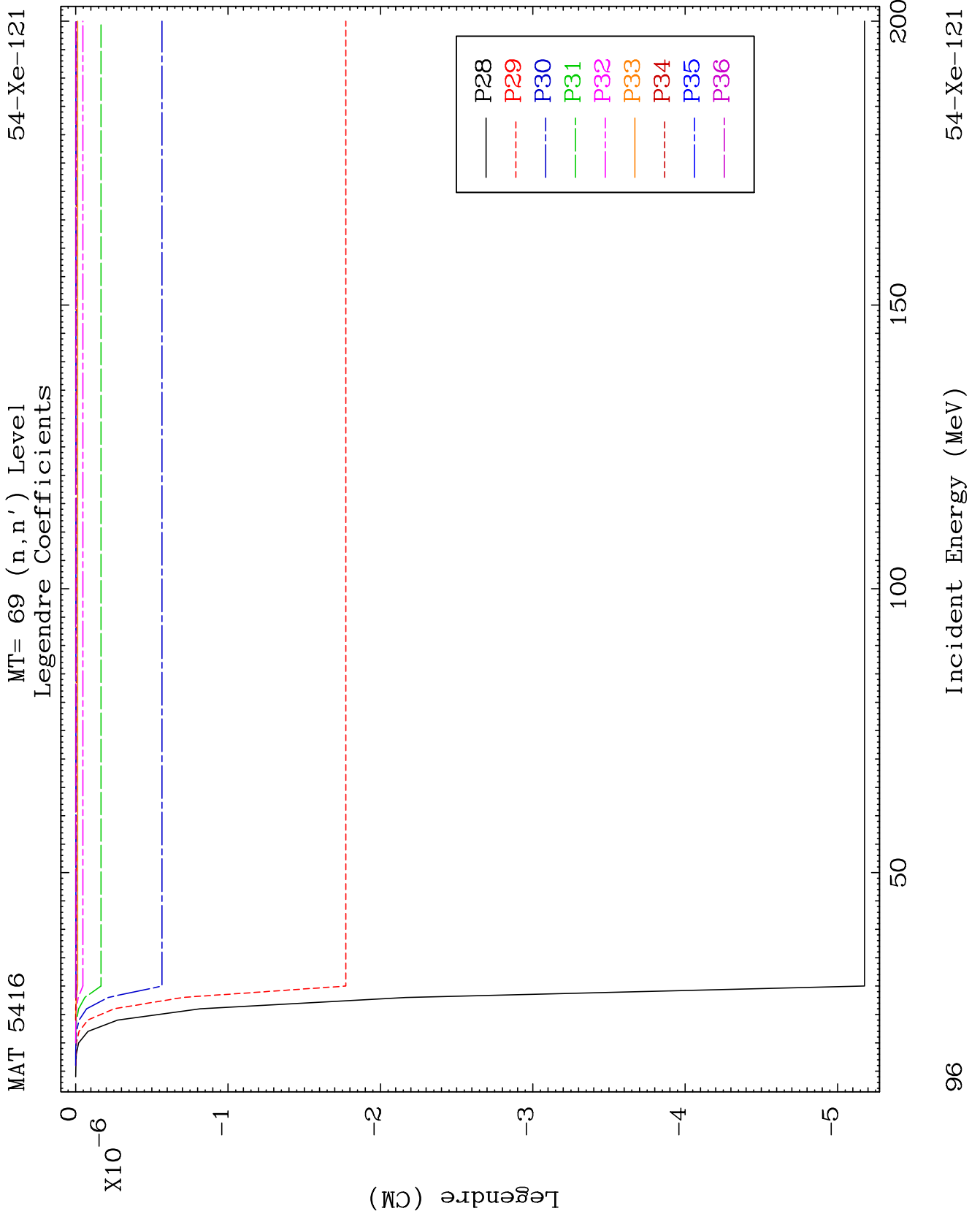
MAT 5416

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

54-Xe-121





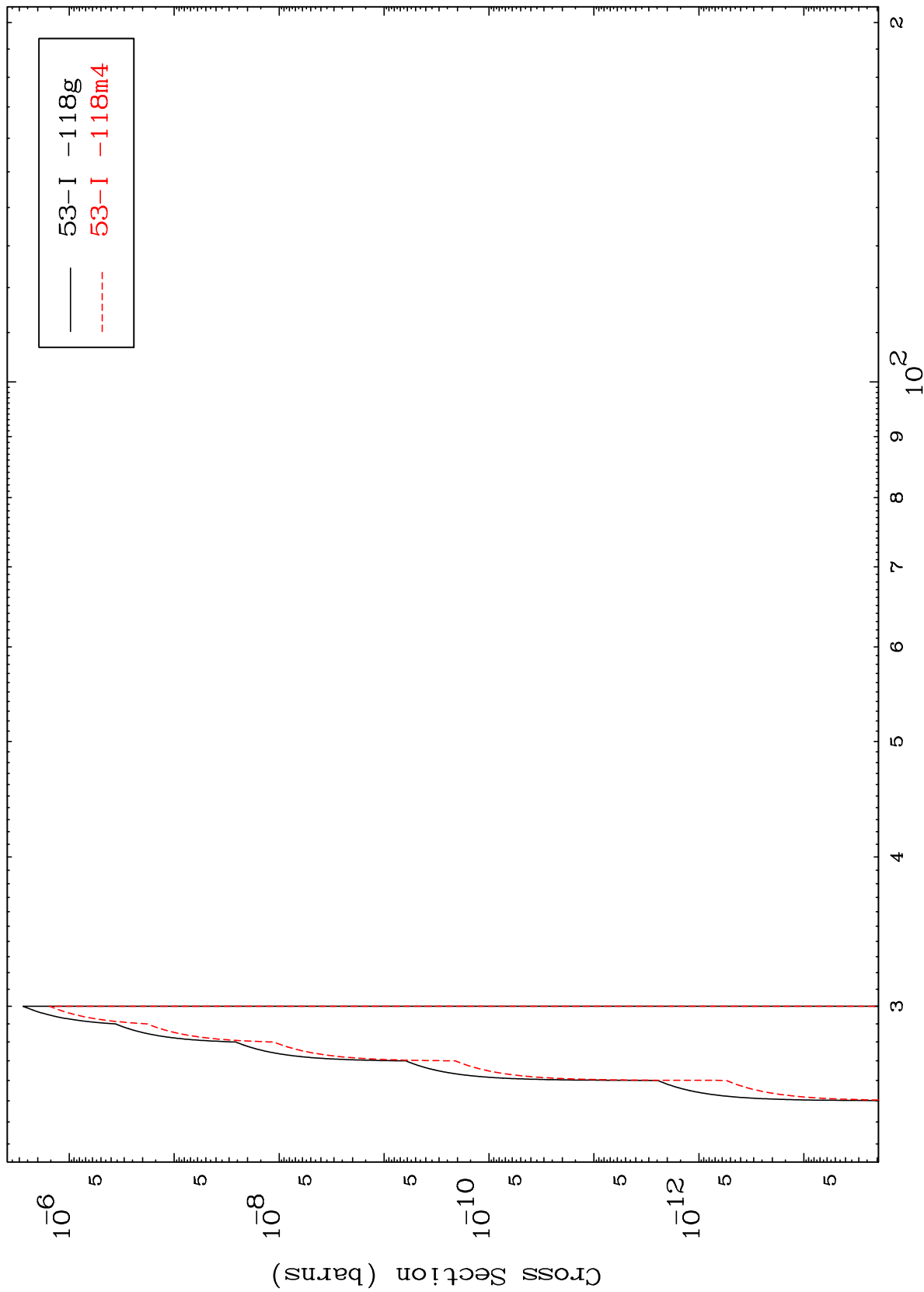


MAT 5416

(n,2n) d

54-Xe-121

Radionuclide Production Cross Section



97

Incident Energy (MeV)

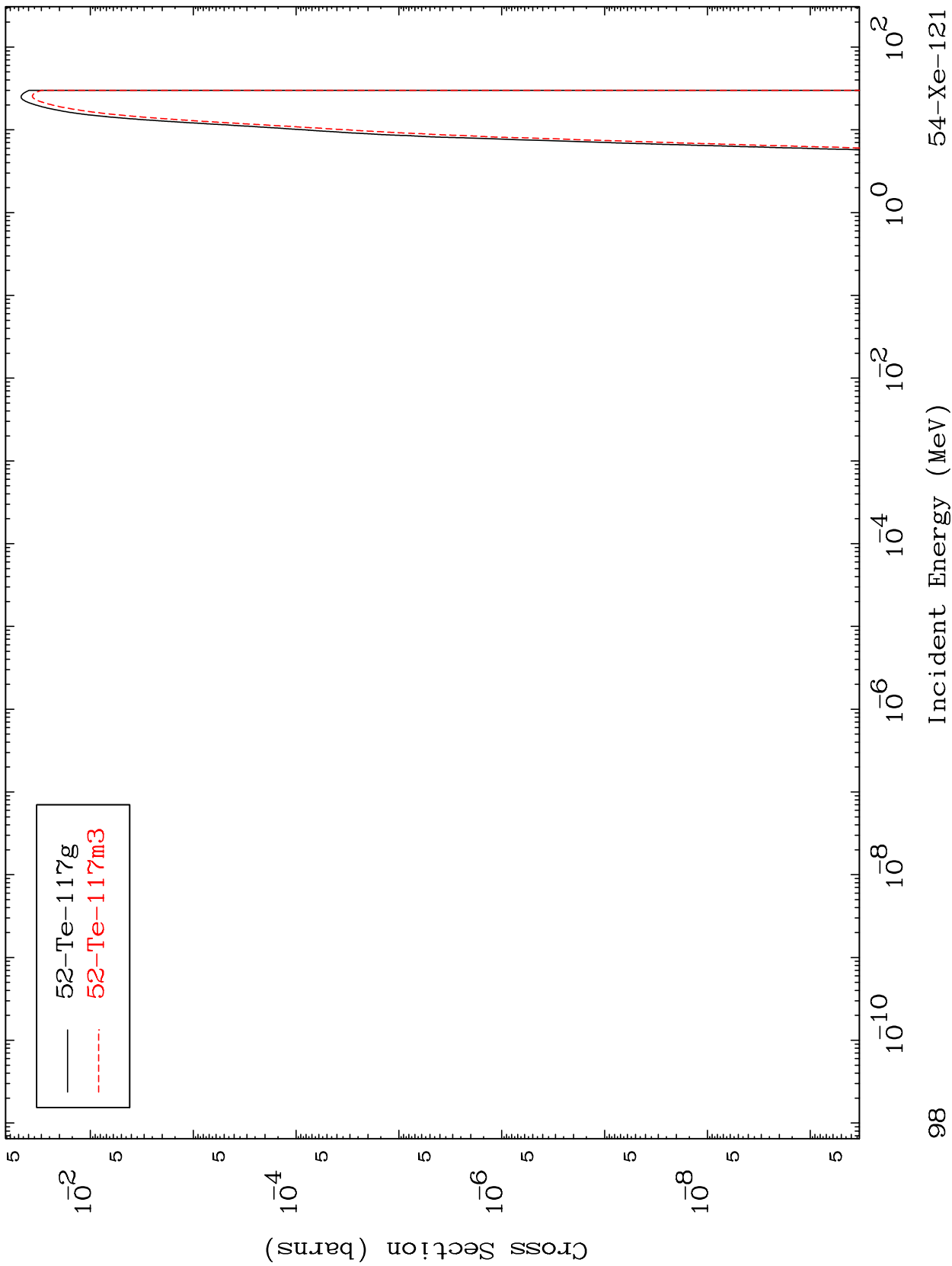
54-Xe-121

MAT 5416

$(n, n') \alpha$

54-Xe-121

Radionuclide Production Cross Section



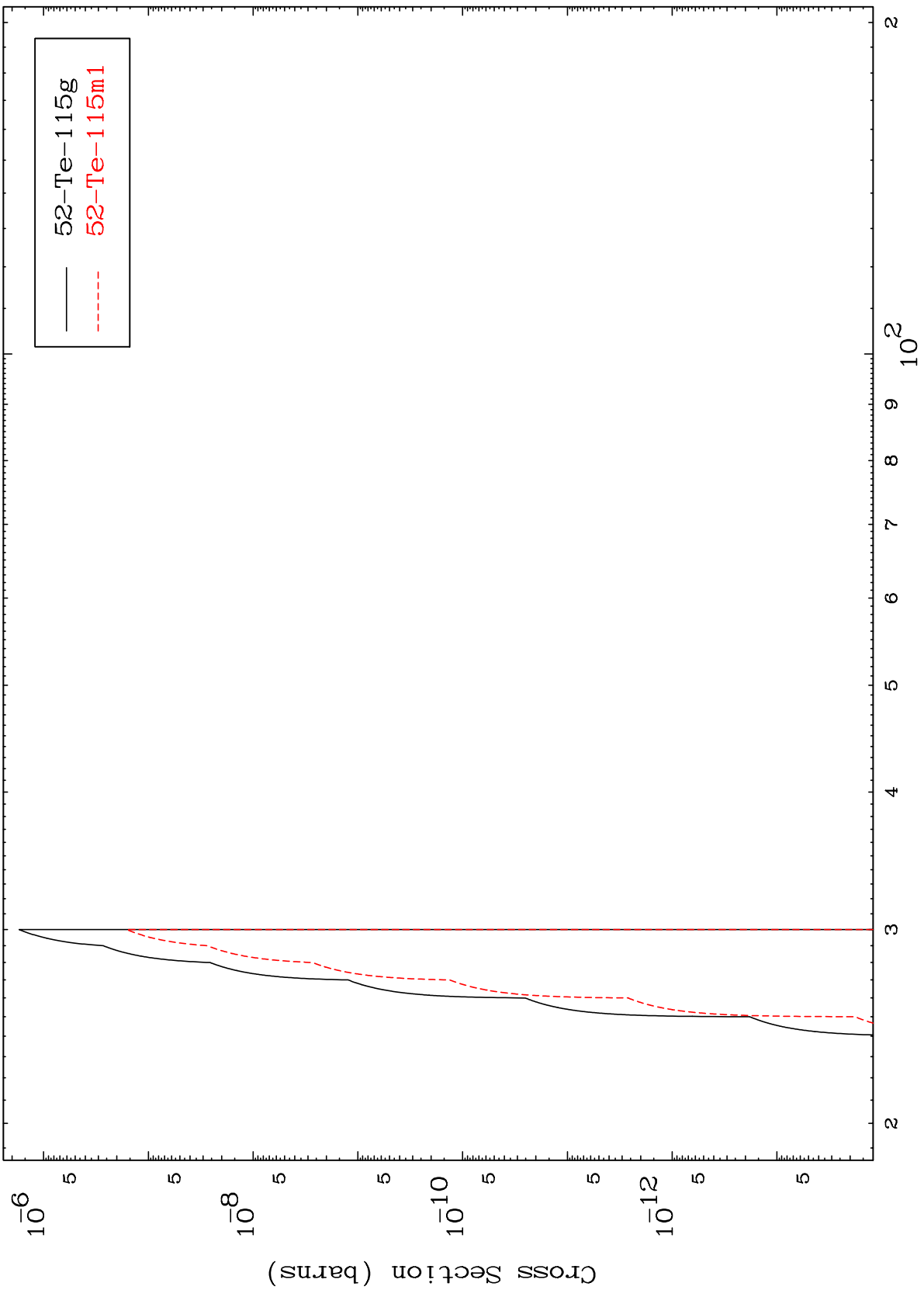
52-Te-117g
52-Te-117m3

MAT 5416

(n,3n) α

54-Xe-121

Radionuclide Production Cross Section



99

Incident Energy (MeV)

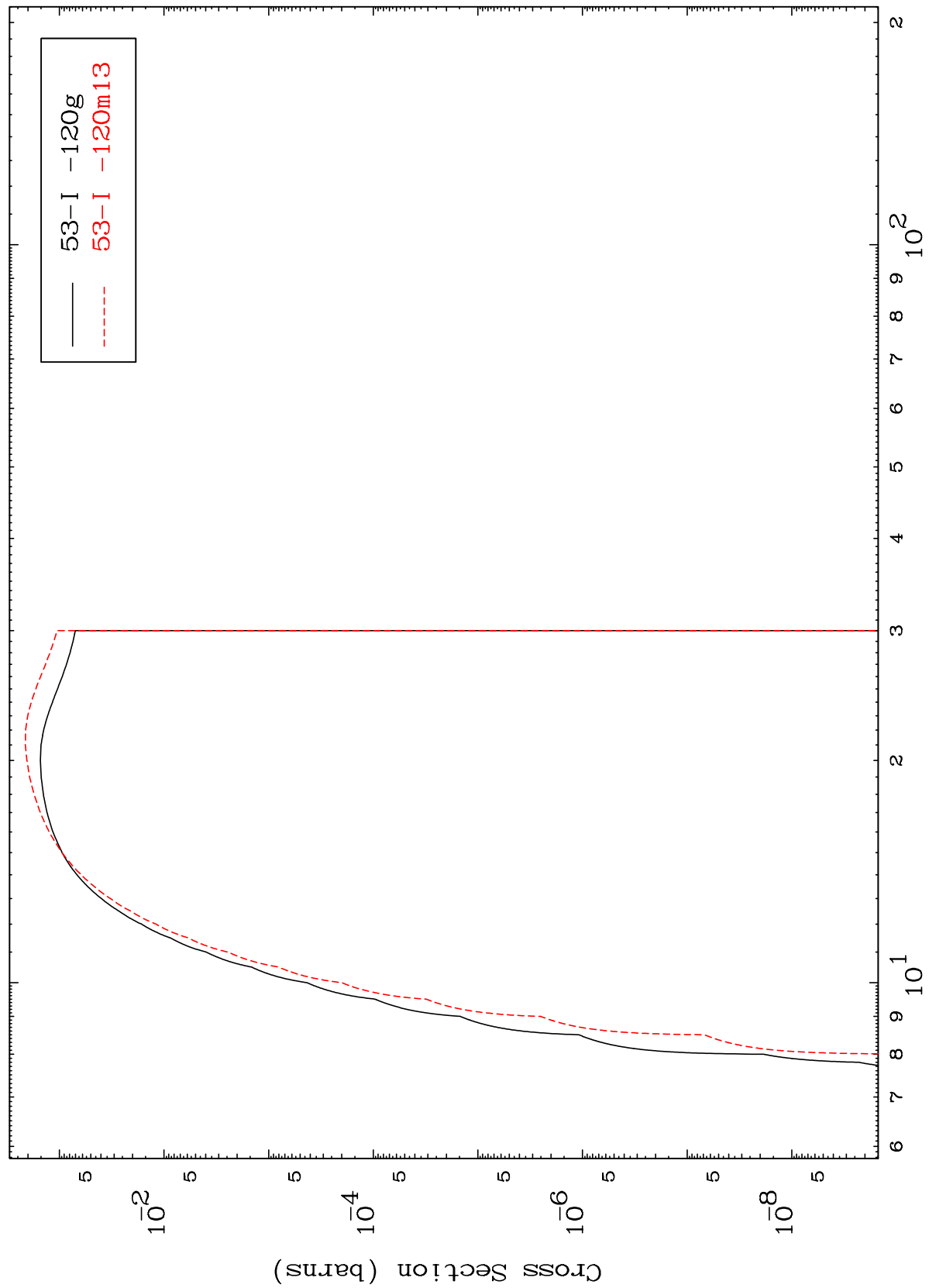
54-Xe-121

MAT 5416

(n,n') p

54-Xe-121

Radionuclide Production Cross Section



100

Incident Energy (MeV)

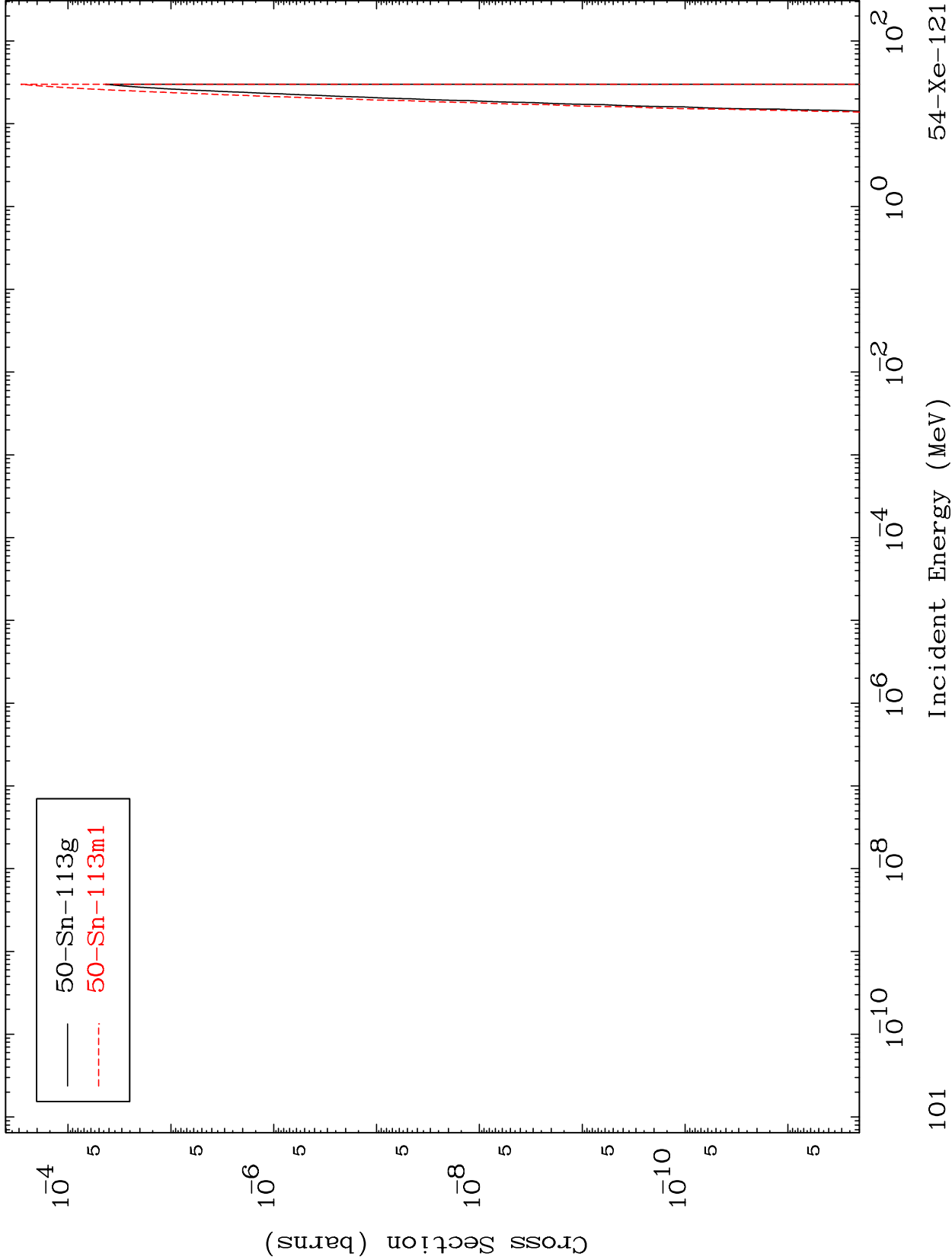
54-Xe-121

MAT 5416

(n,n') 2 α

54-Xe-121

Radionuclide Production Cross Section

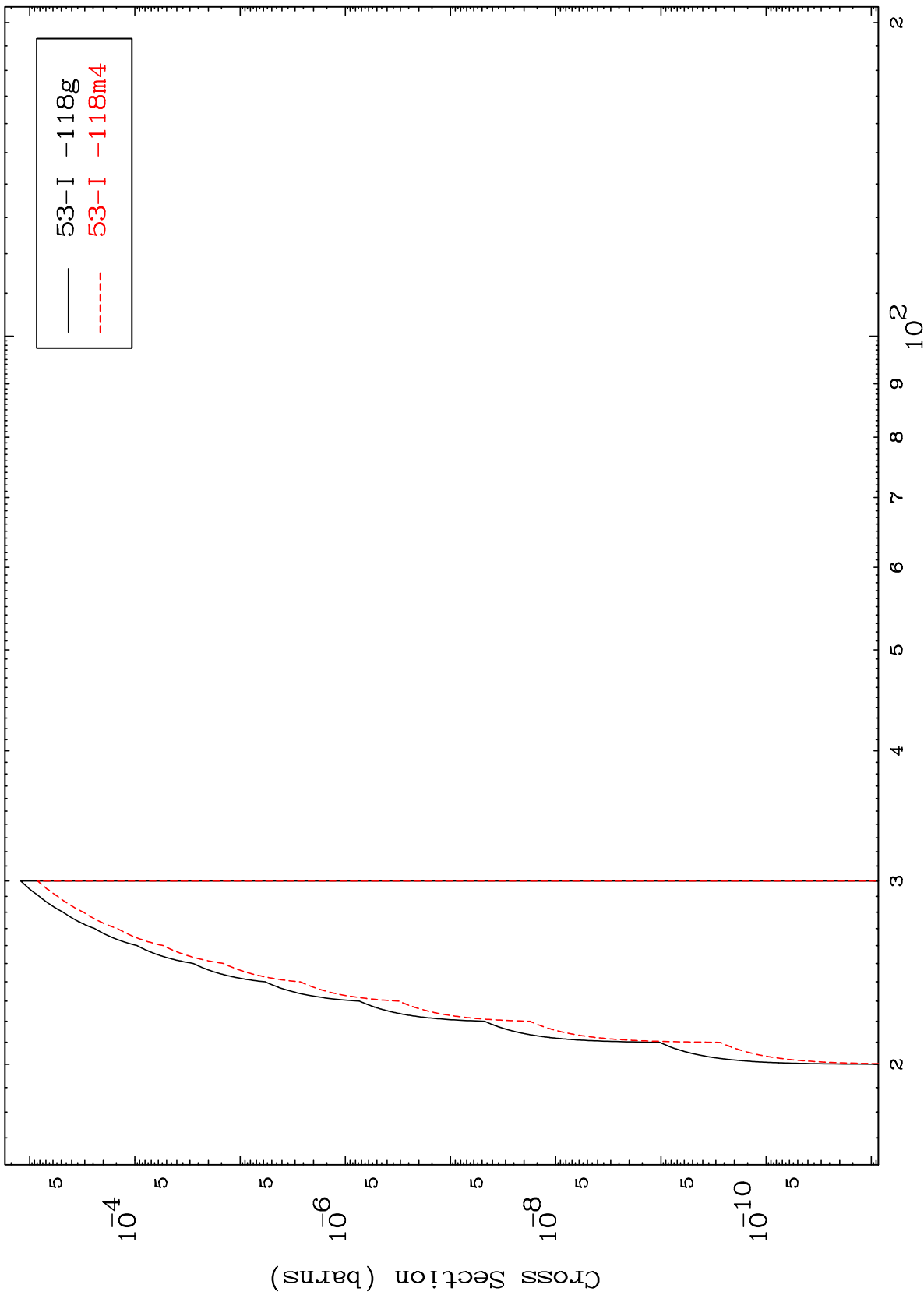


101

Incident Energy (MeV)

54-Xe-121

Radionuclide Production Cross Section

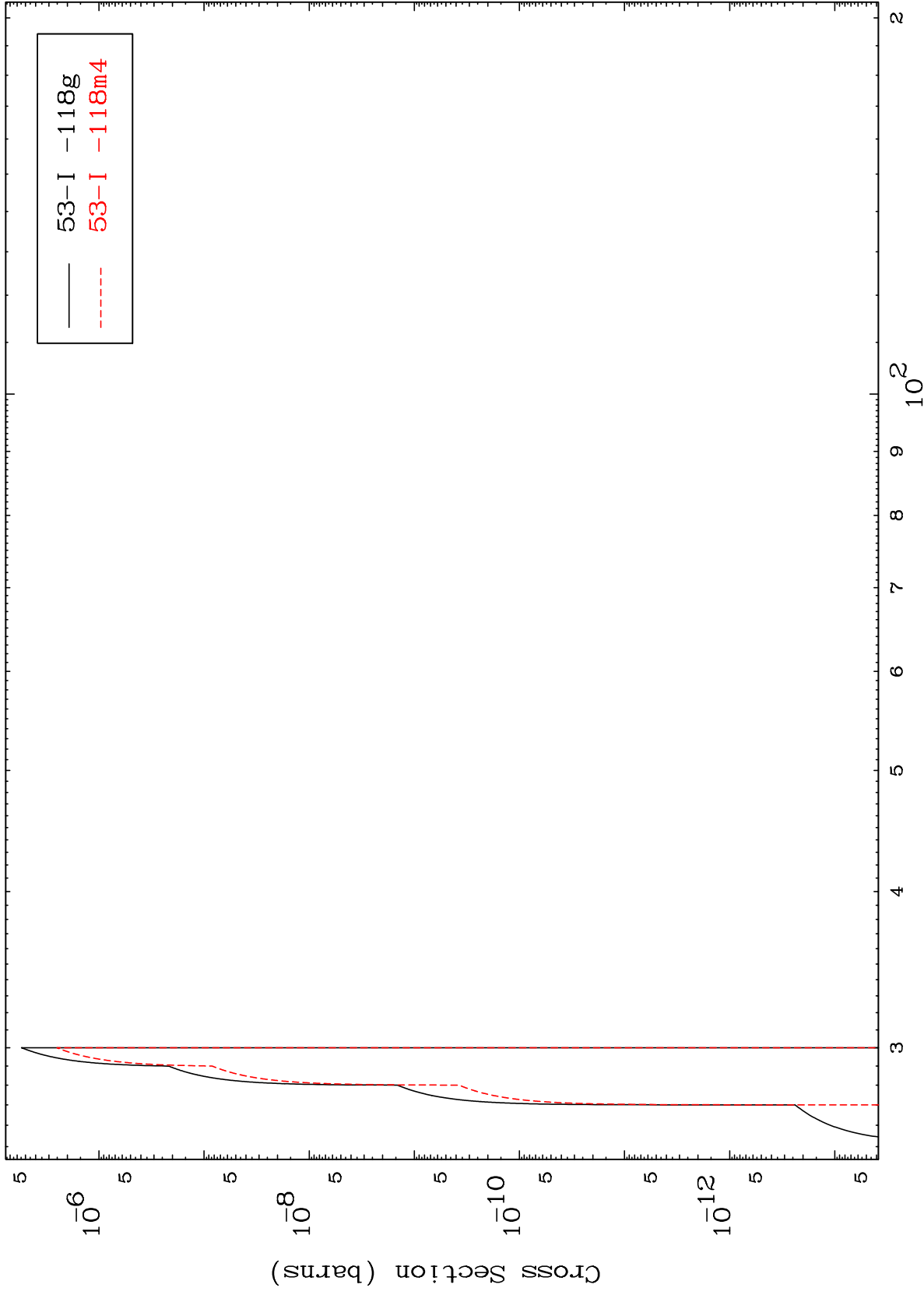


MAT 5416

(n,3n) p

54-Xe-121

Radionuclide Production Cross Section



103

Incident Energy (MeV)

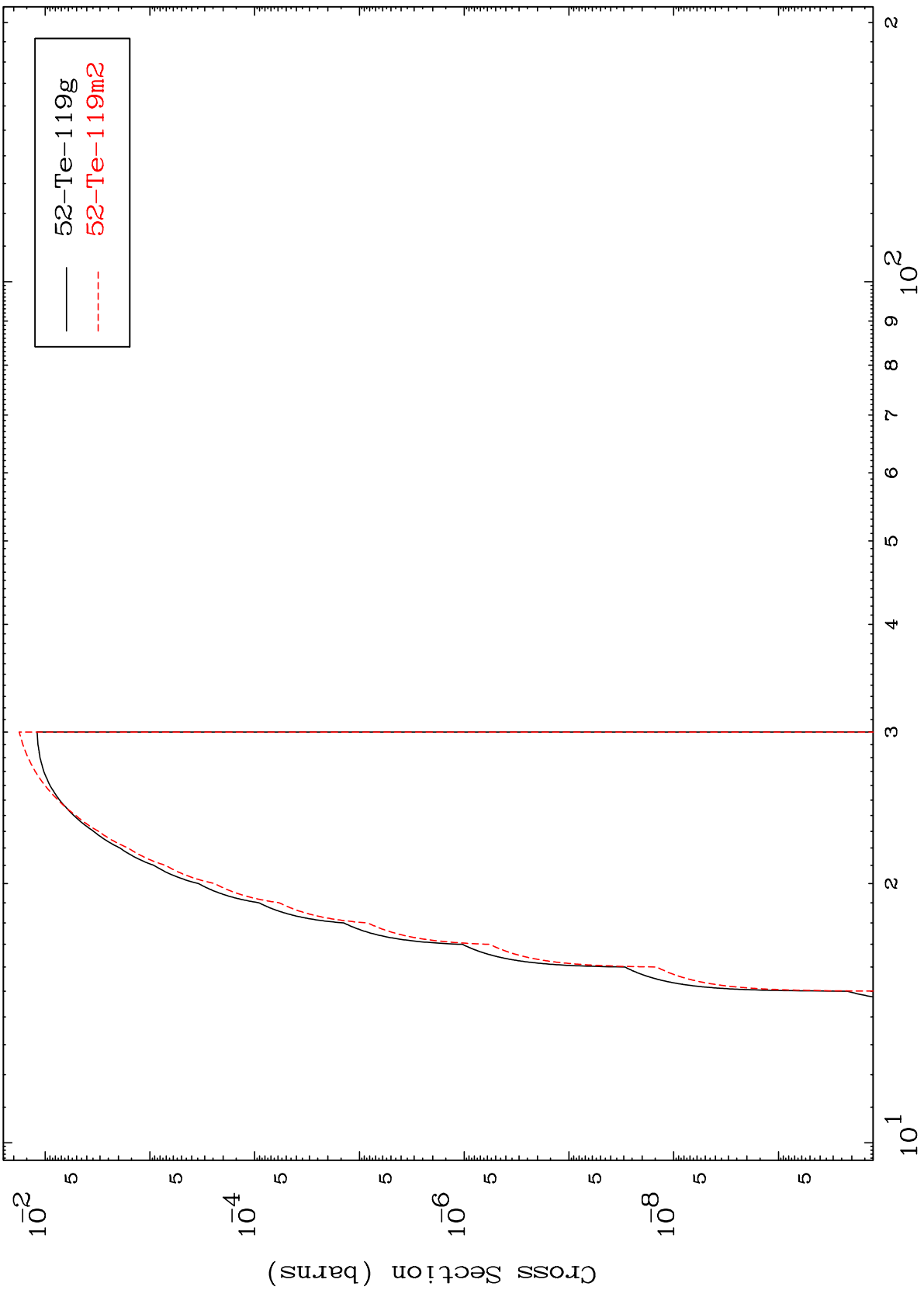
54-Xe-121

MAT 5416

(n,2n) p

54-Xe-121

Radionuclide Production Cross Section



52-Te-119g
52-Te-119m2

Incident Energy (MeV)

54-Xe-121

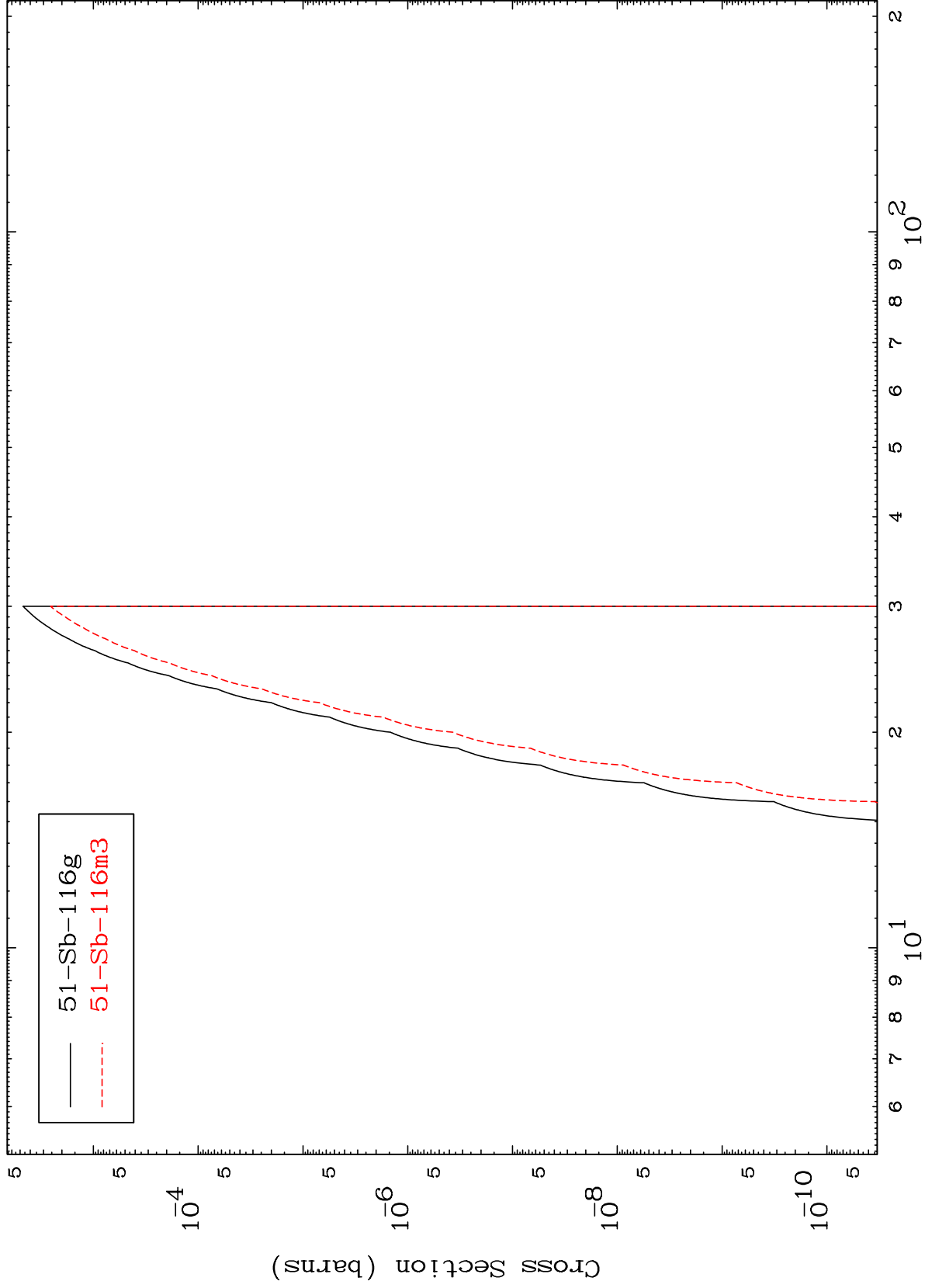
104

MAT 5416

(n,n') p α

54-Xe-121

Radionuclide Production Cross Section



105

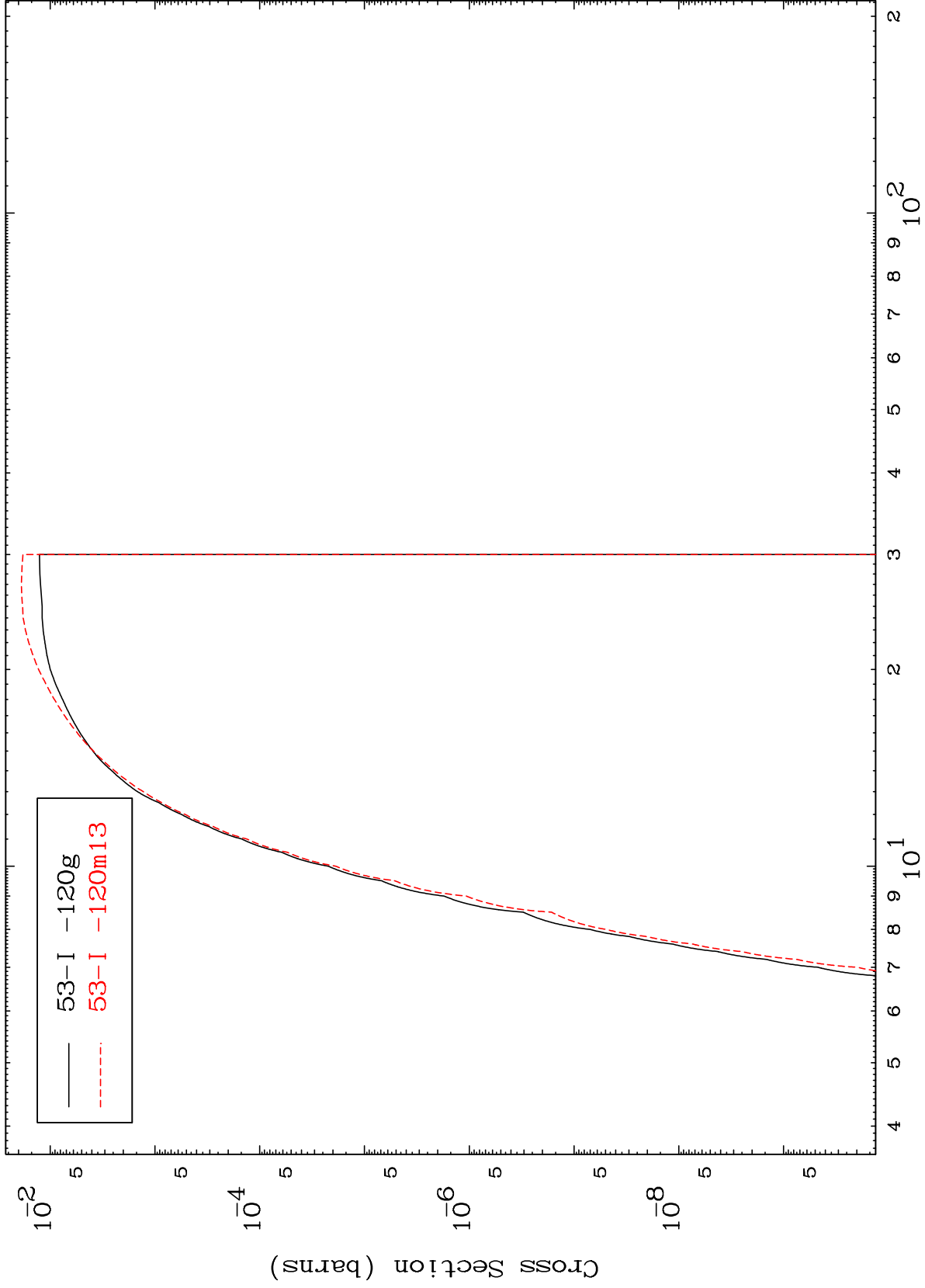
Incident Energy (MeV)

54-Xe-121

MAT 5416

54-Xe-121

(n,d)
Radionuclide Production Cross Section



106

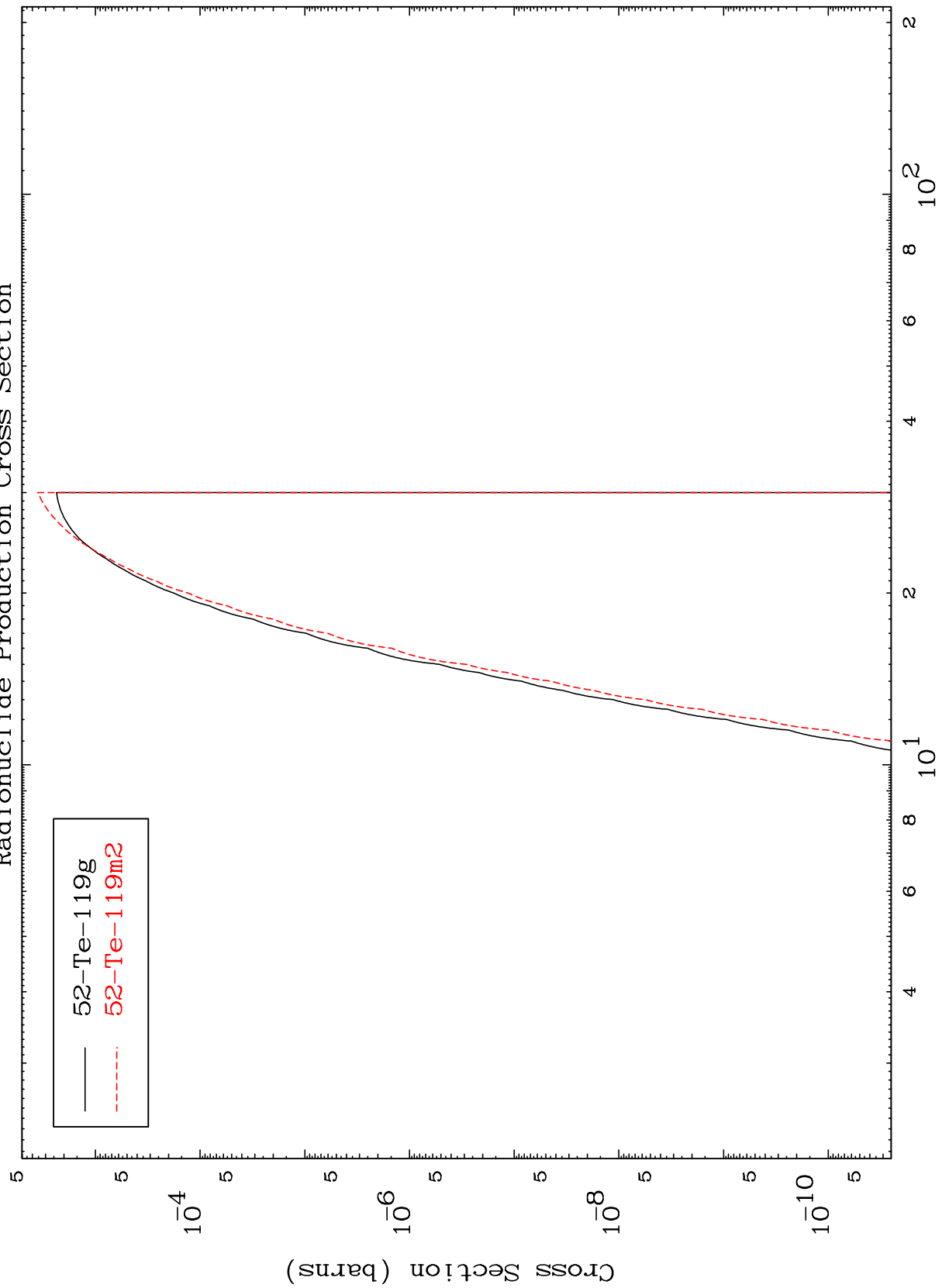
Incident Energy (MeV)

54-Xe-121

MAT 5416

54-Xe-121

Radionuclide Production Cross Section
(n,He-3)



52-Te-119g
52-Te-119m2

107

54-Xe-121

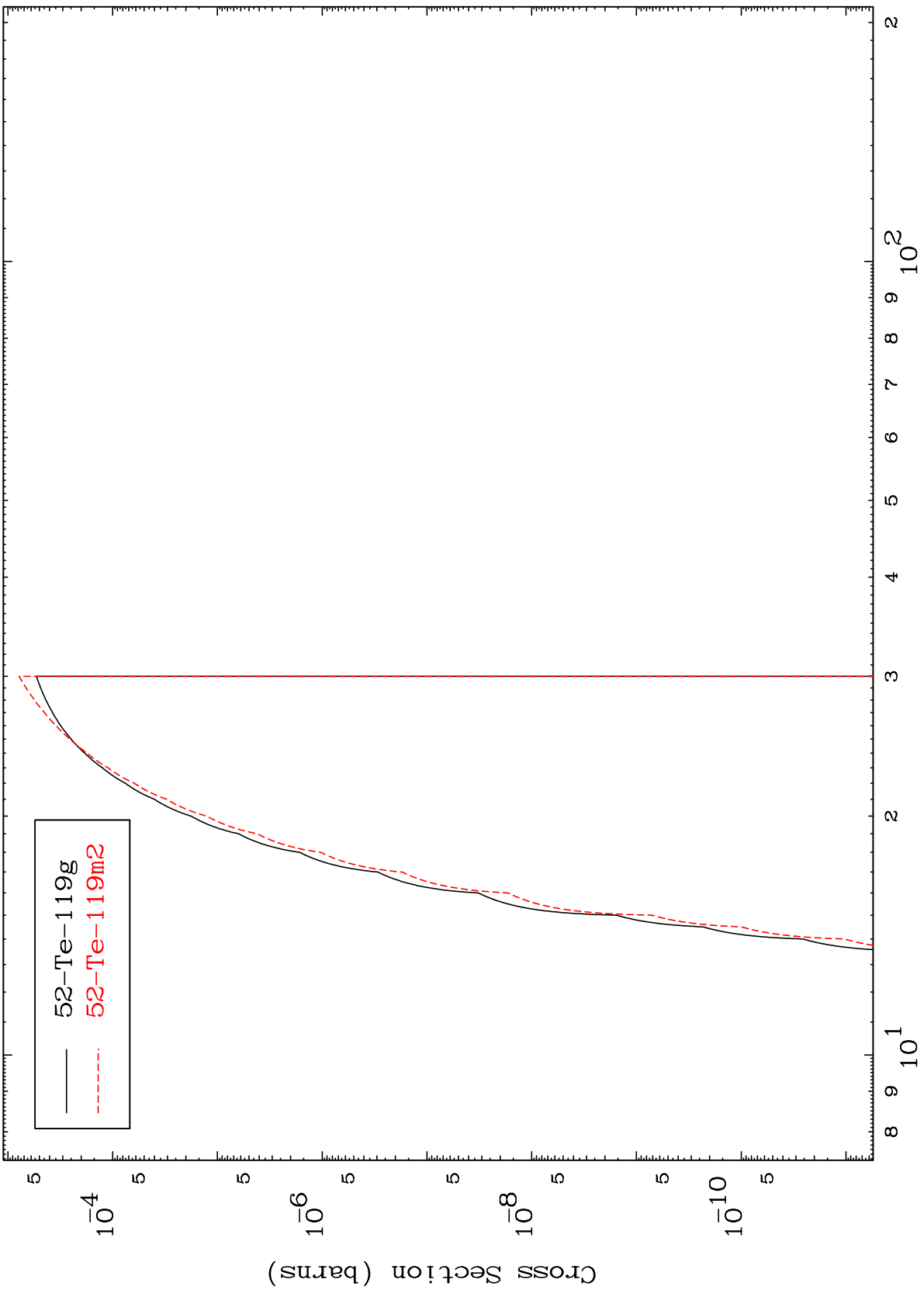
Incident Energy (MeV)

MAT 5416

(n,p) d

54-Xe-121

Radionuclide Production Cross Section



52-Te-119g
52-Te-119m2

108

Incident Energy (MeV)

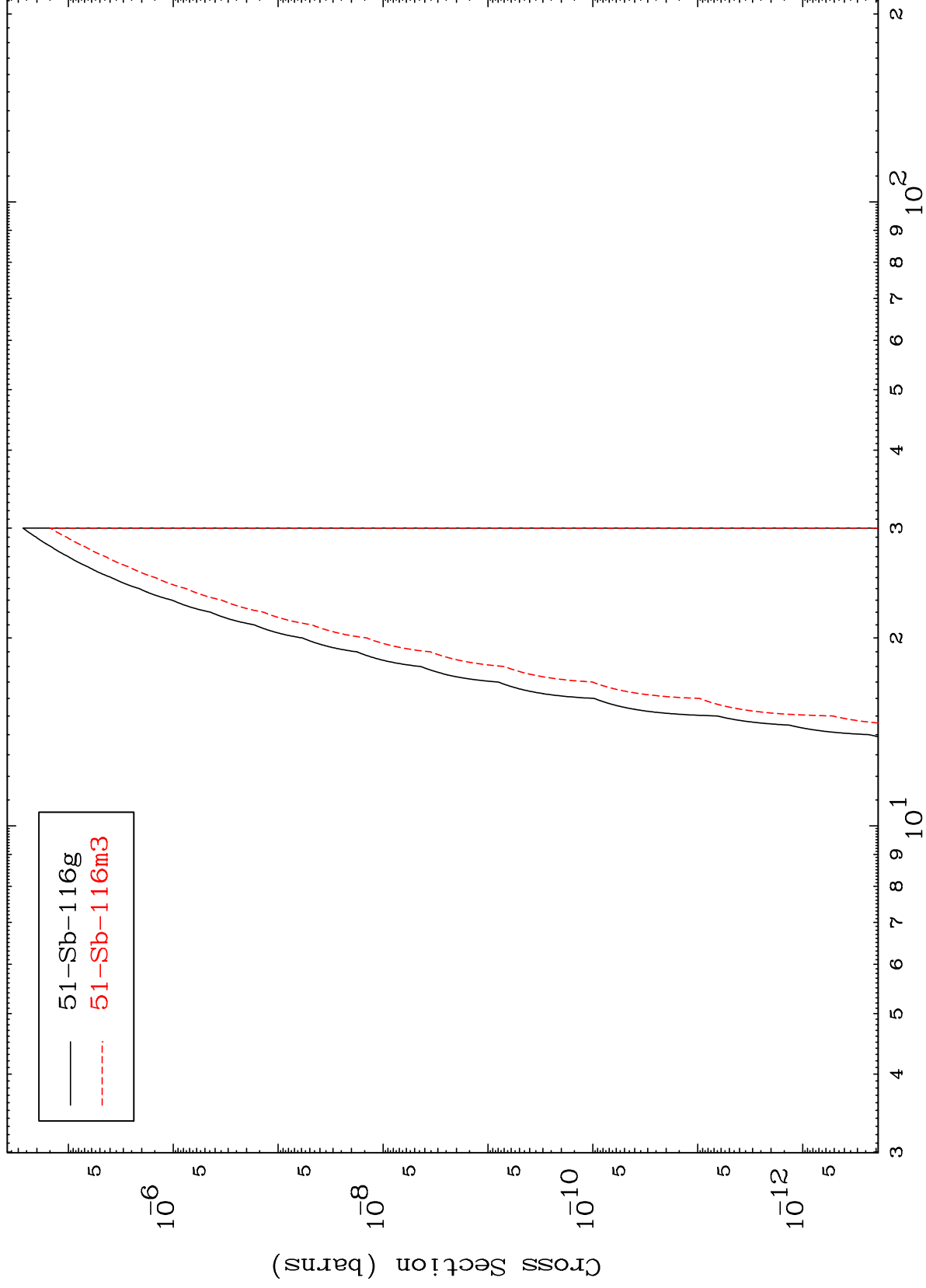
54-Xe-121

MAT 5416

(n,d) α

54-Xe-121

Radionuclide Production Cross Section



109

Incident Energy (MeV)

54-Xe-121