

Program EVALPLOT
(Version 2015-2)

by

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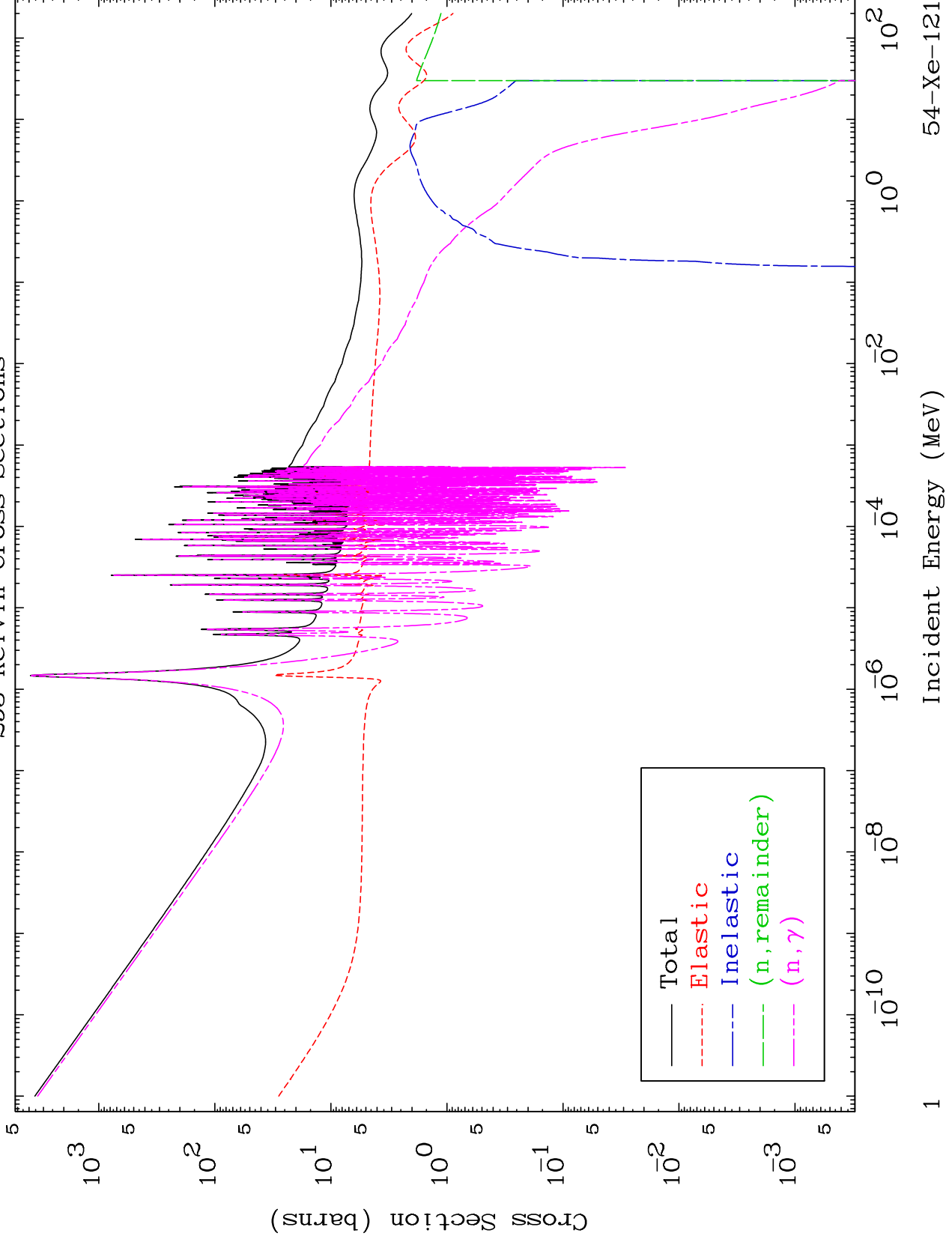
Press Mouse Button to Start

MAT 5416

Major

293 Kelvin Cross Sections

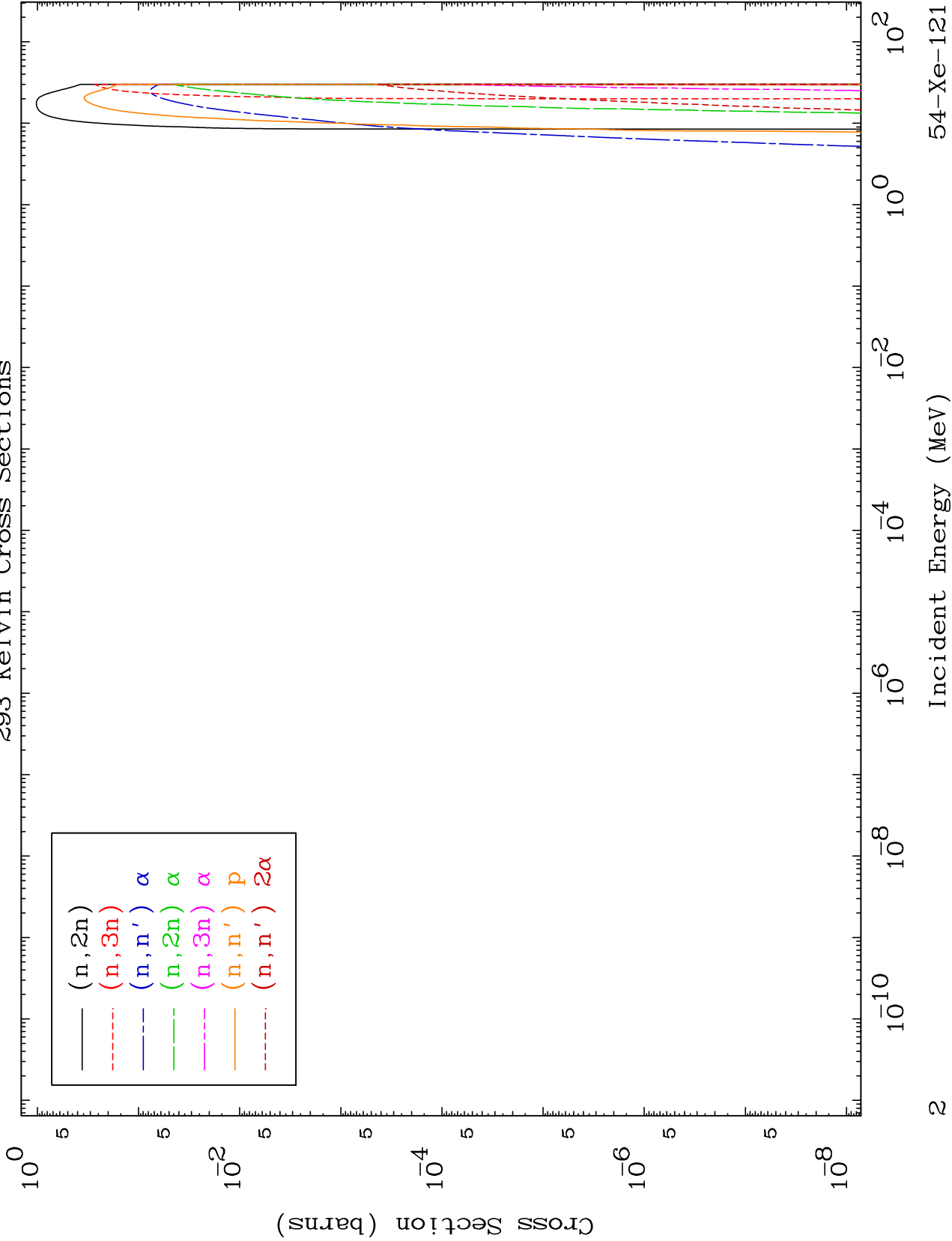
54-Xe-121

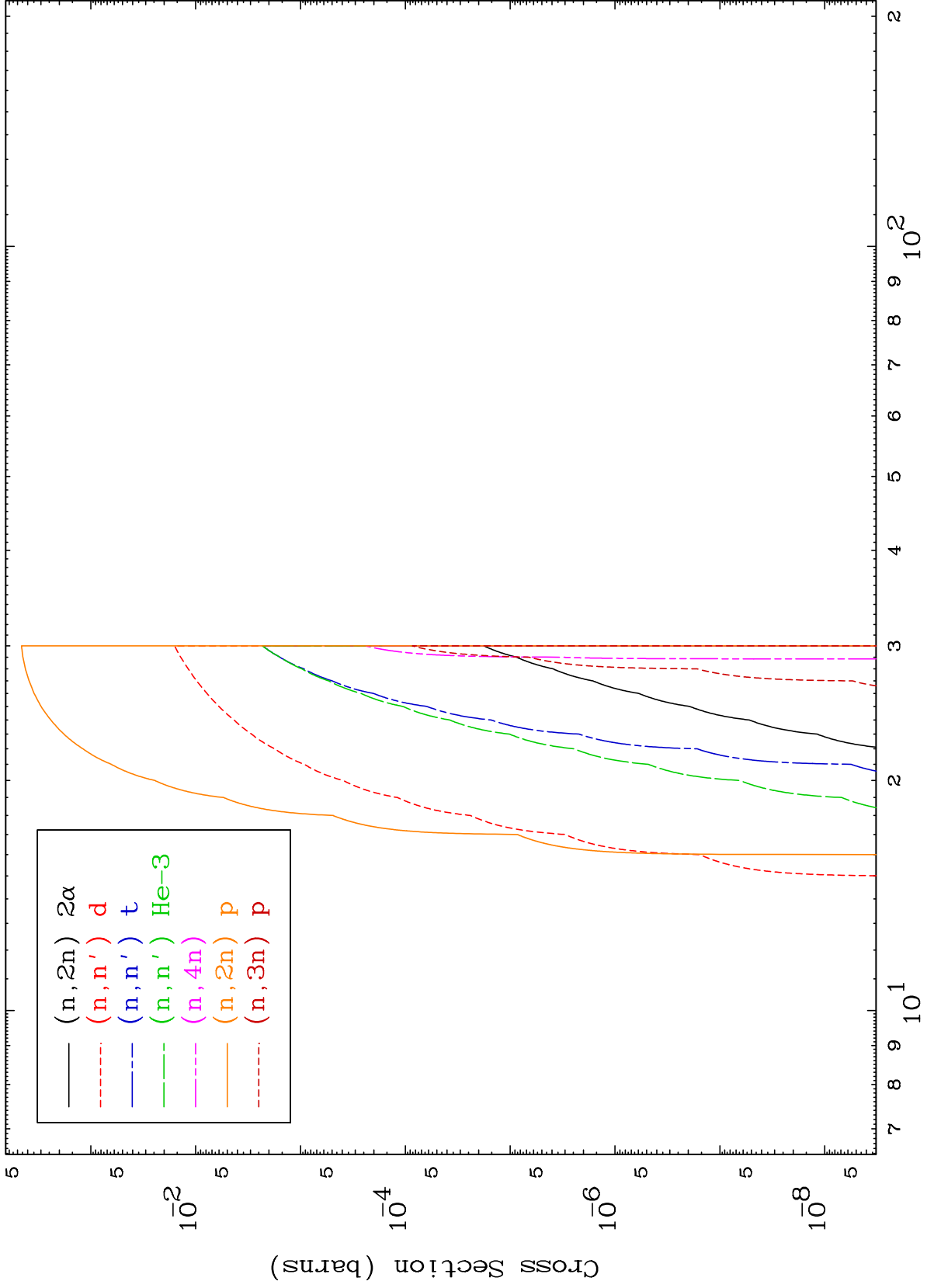


MAT 5416

Neutron Production
293 Kelvin Cross Sections

54-Xe-121

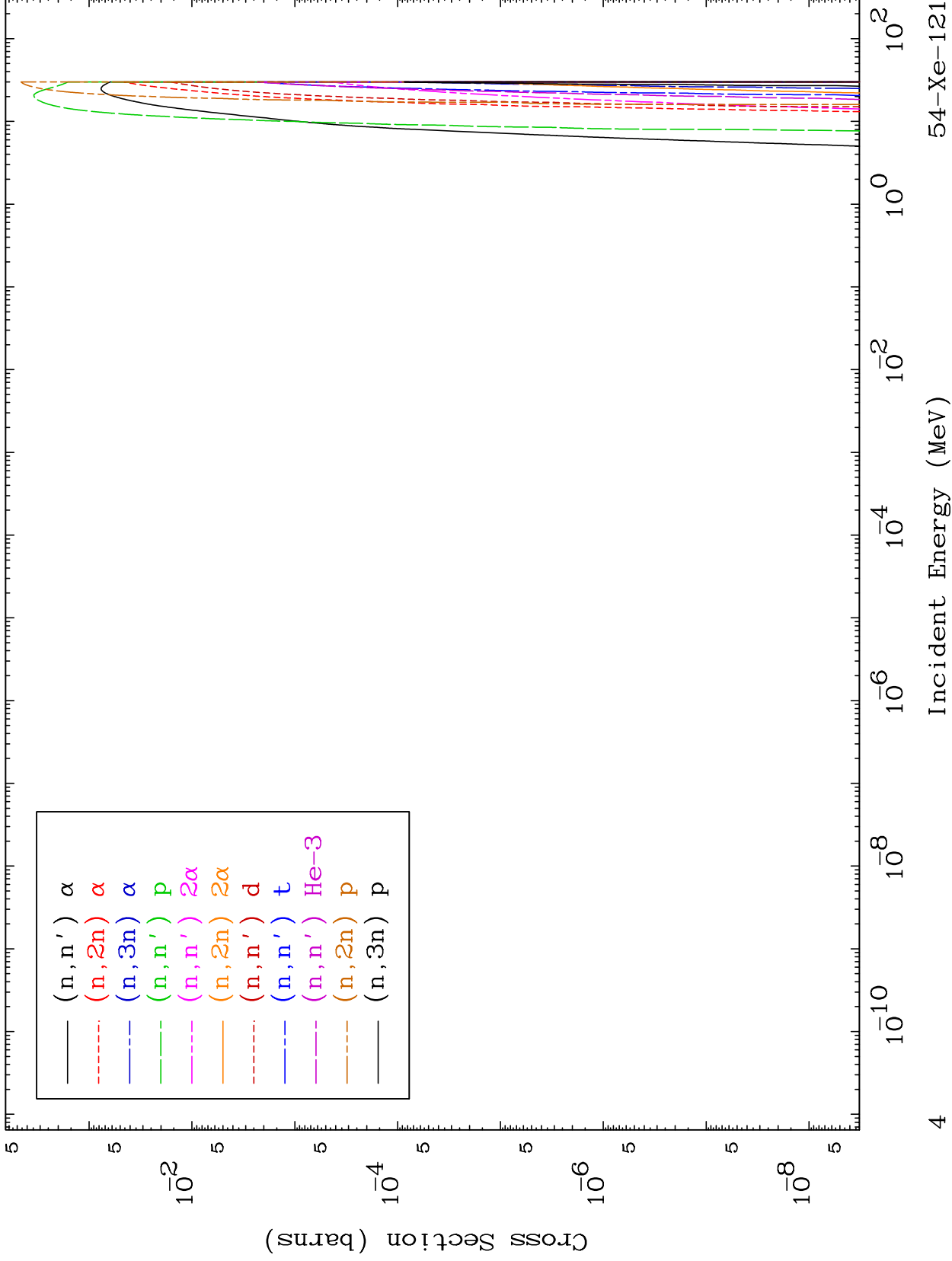




MAT 5416

Charged Particle
293 Kelvin Cross Sections

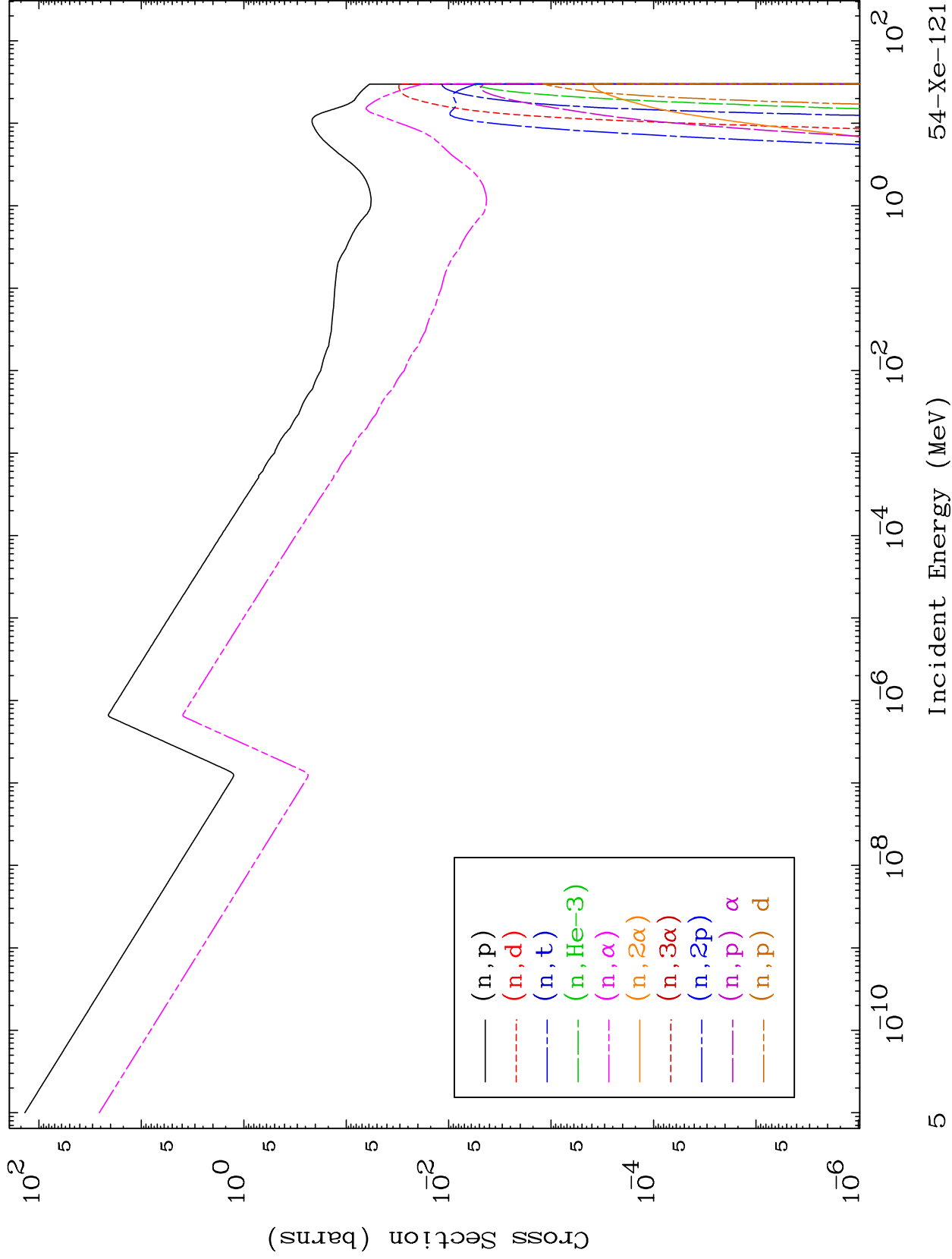
54-Xe-121



MAT 5416

Charged Particle
293 Kelvin Cross Sections

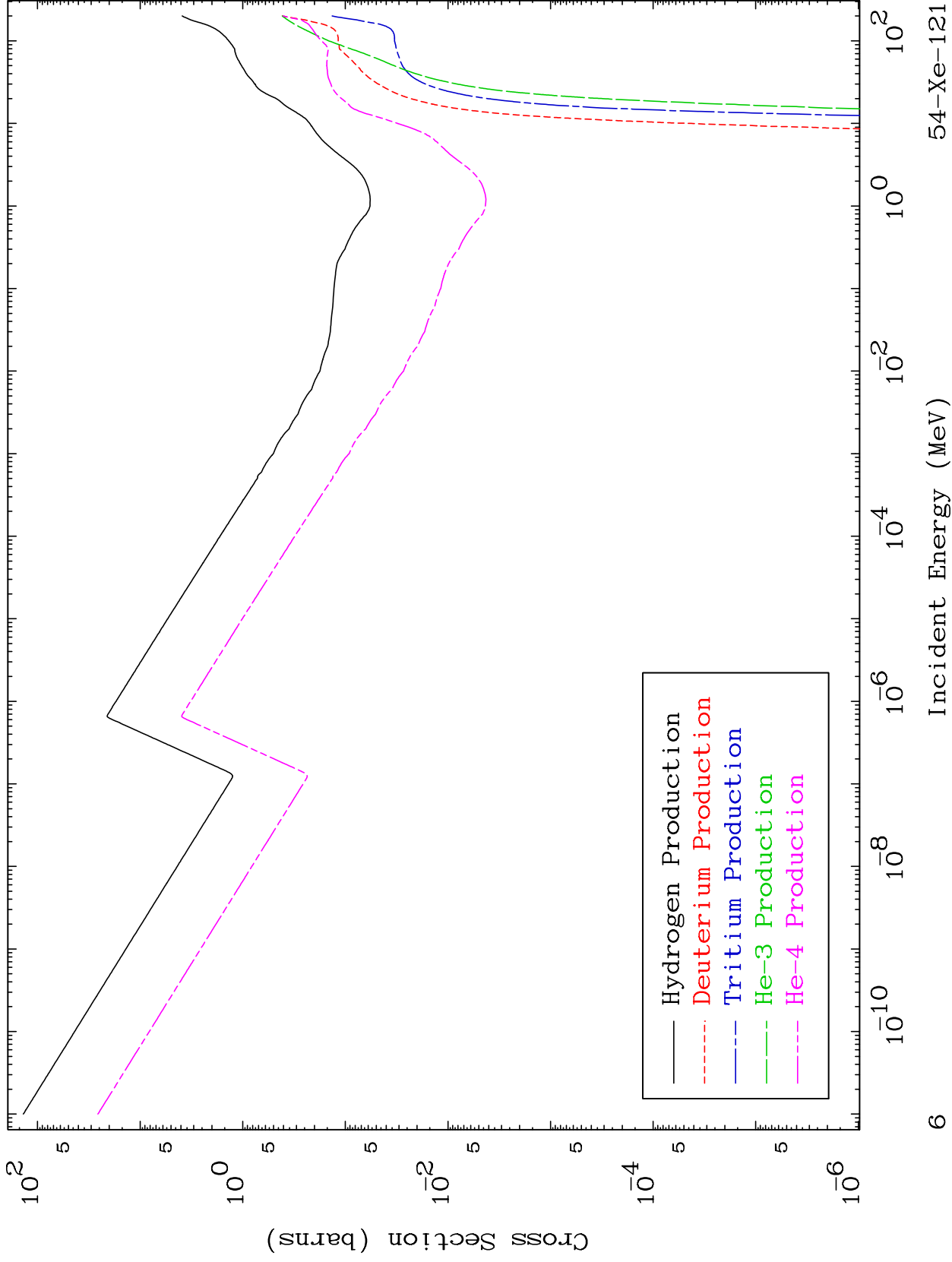
54-Xe-121



MAT 5416

Particle Production
293 Kelvin Cross Sections

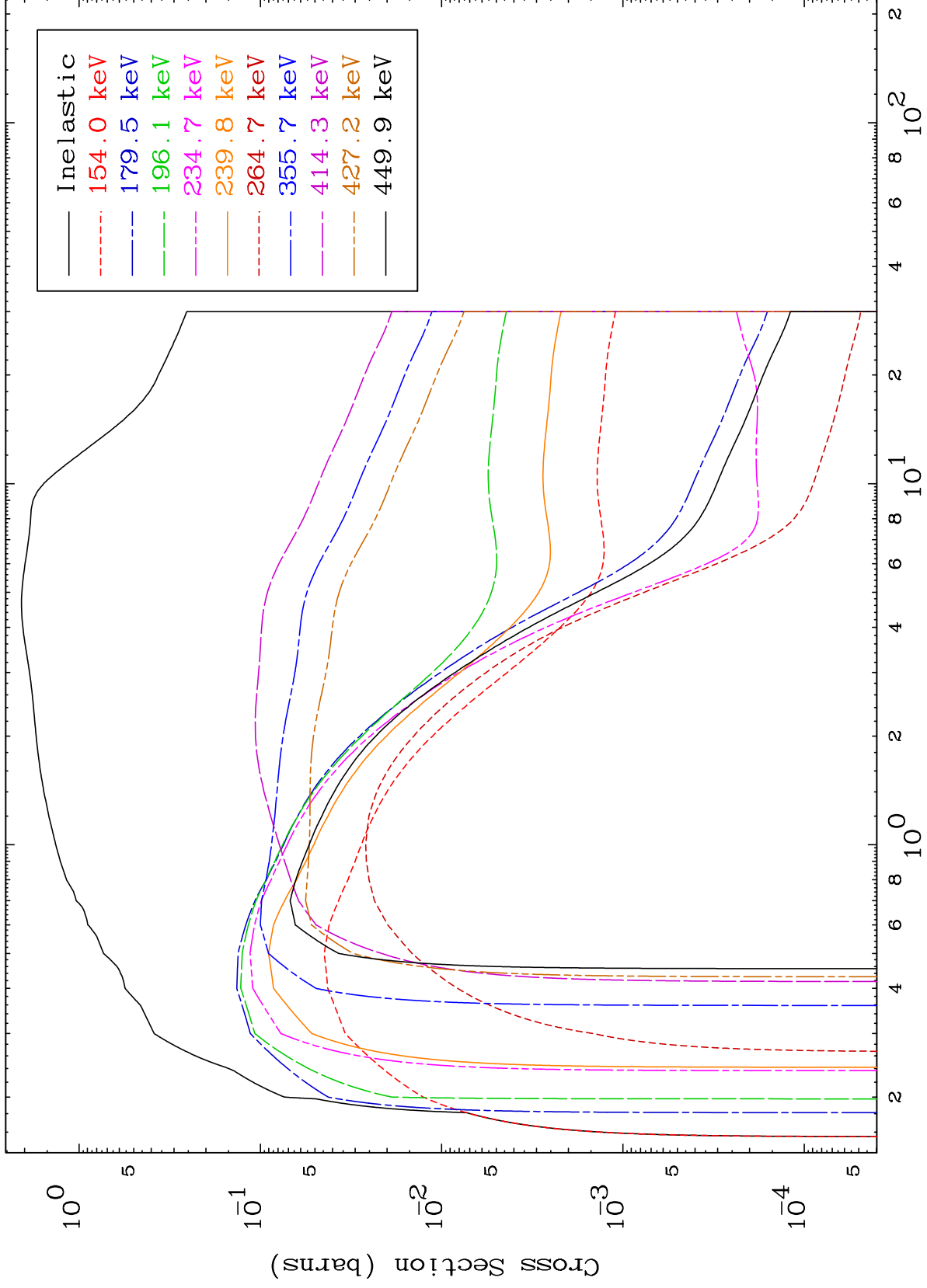
54-Xe-121

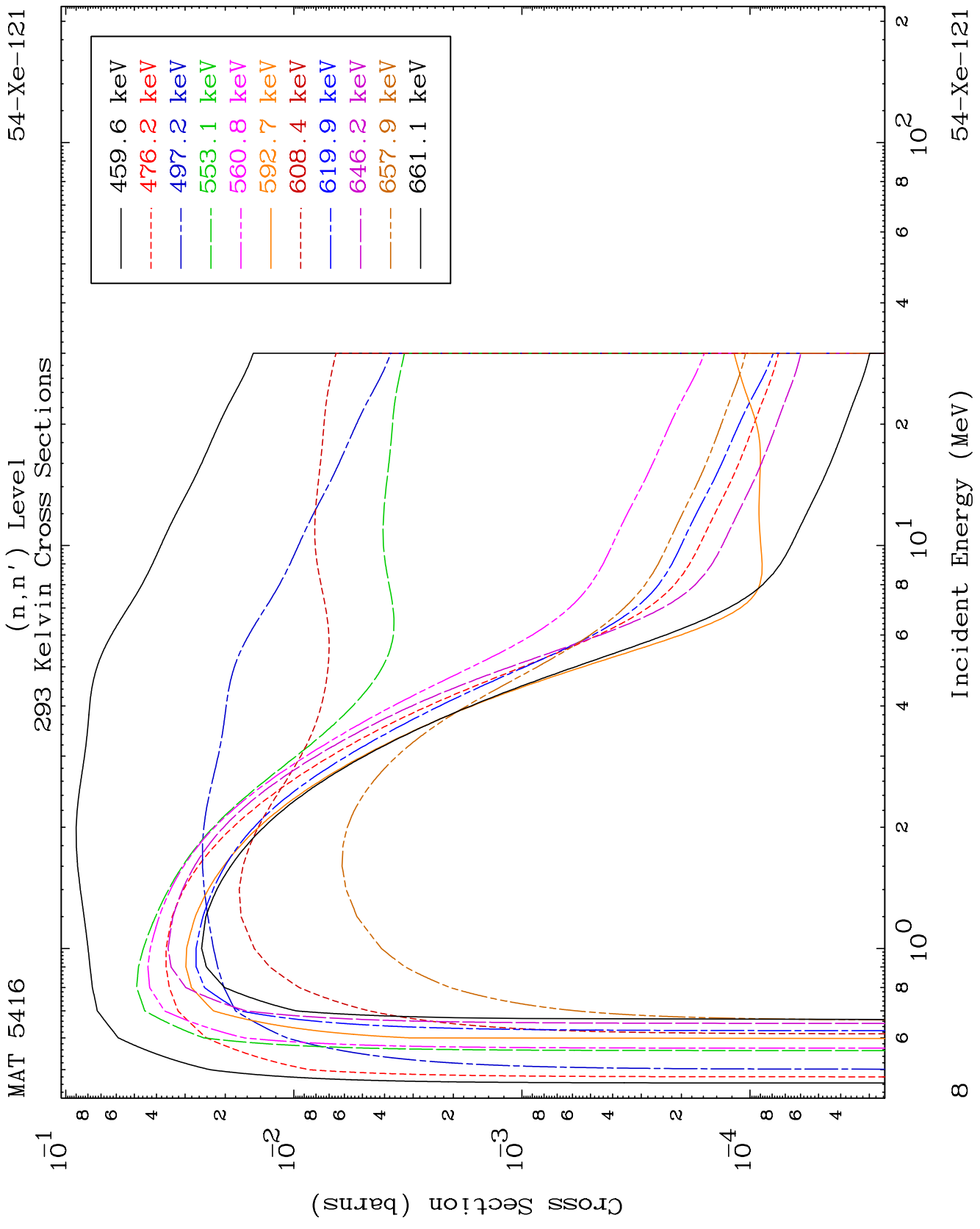


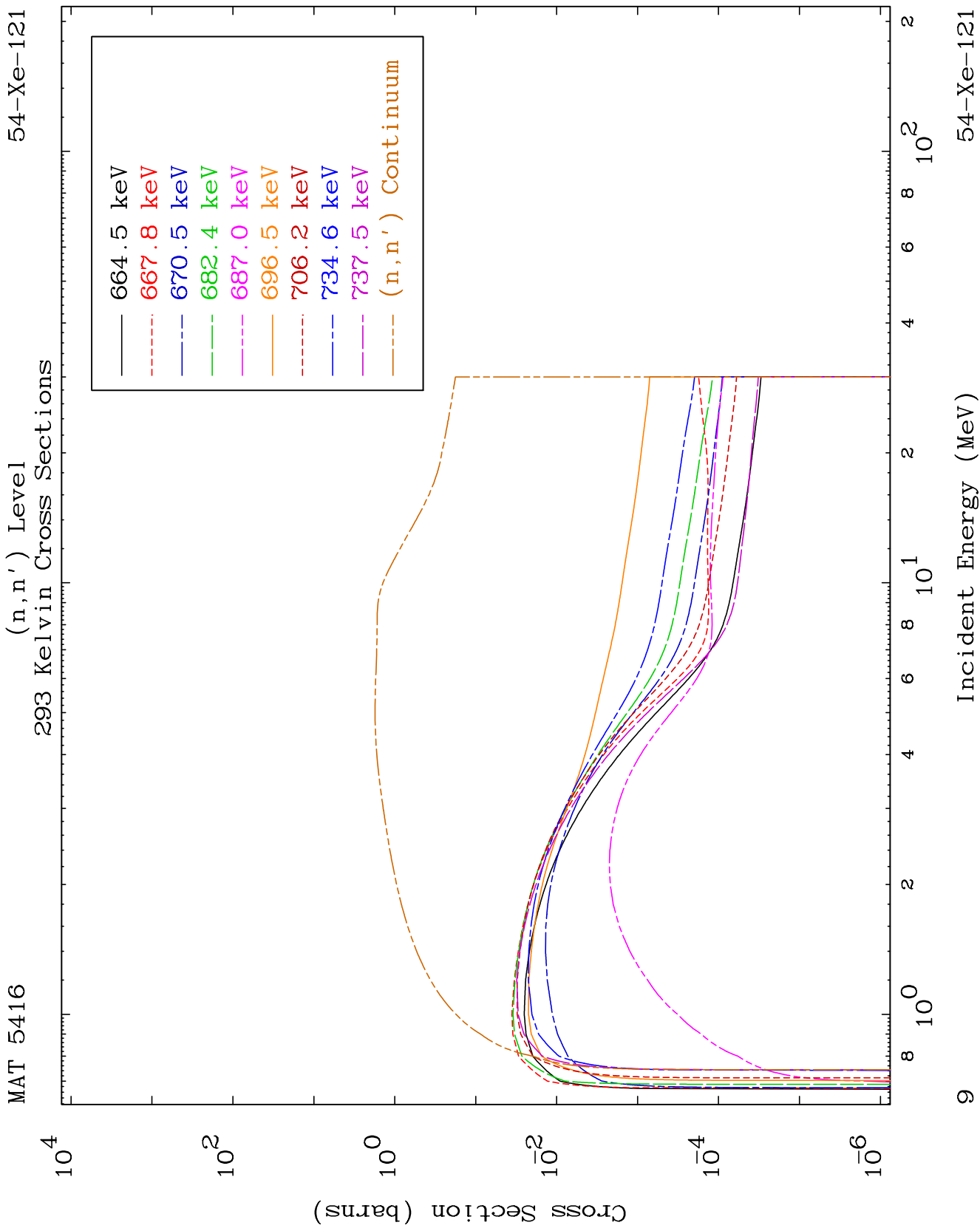
MAT 5416

(n,n') Level
293 Kelvin Cross Sections

54-Xe-121



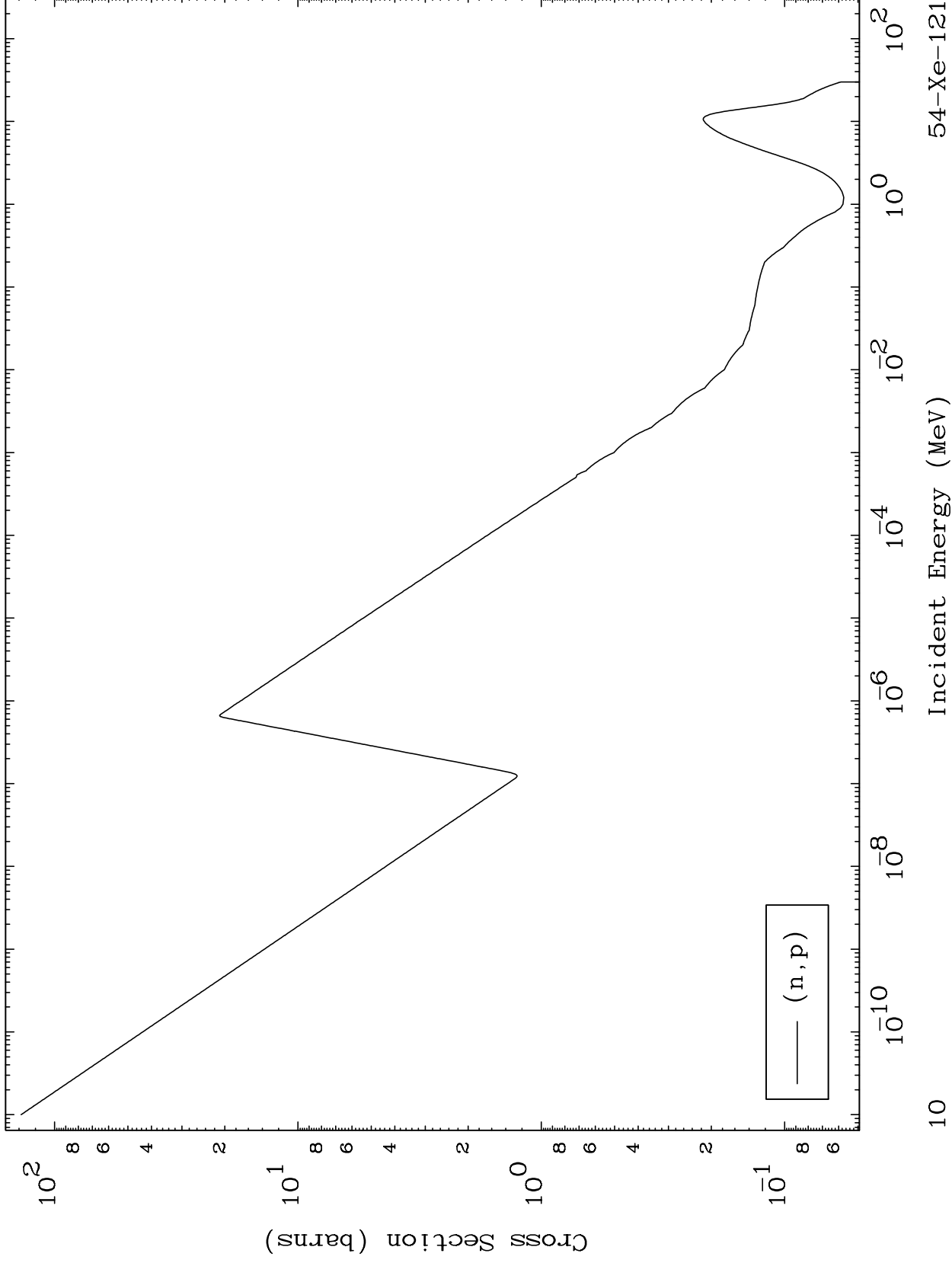




MAT 5416

(n,p) Levels
293 Kelvin Cross Sections

54-Xe-121



10

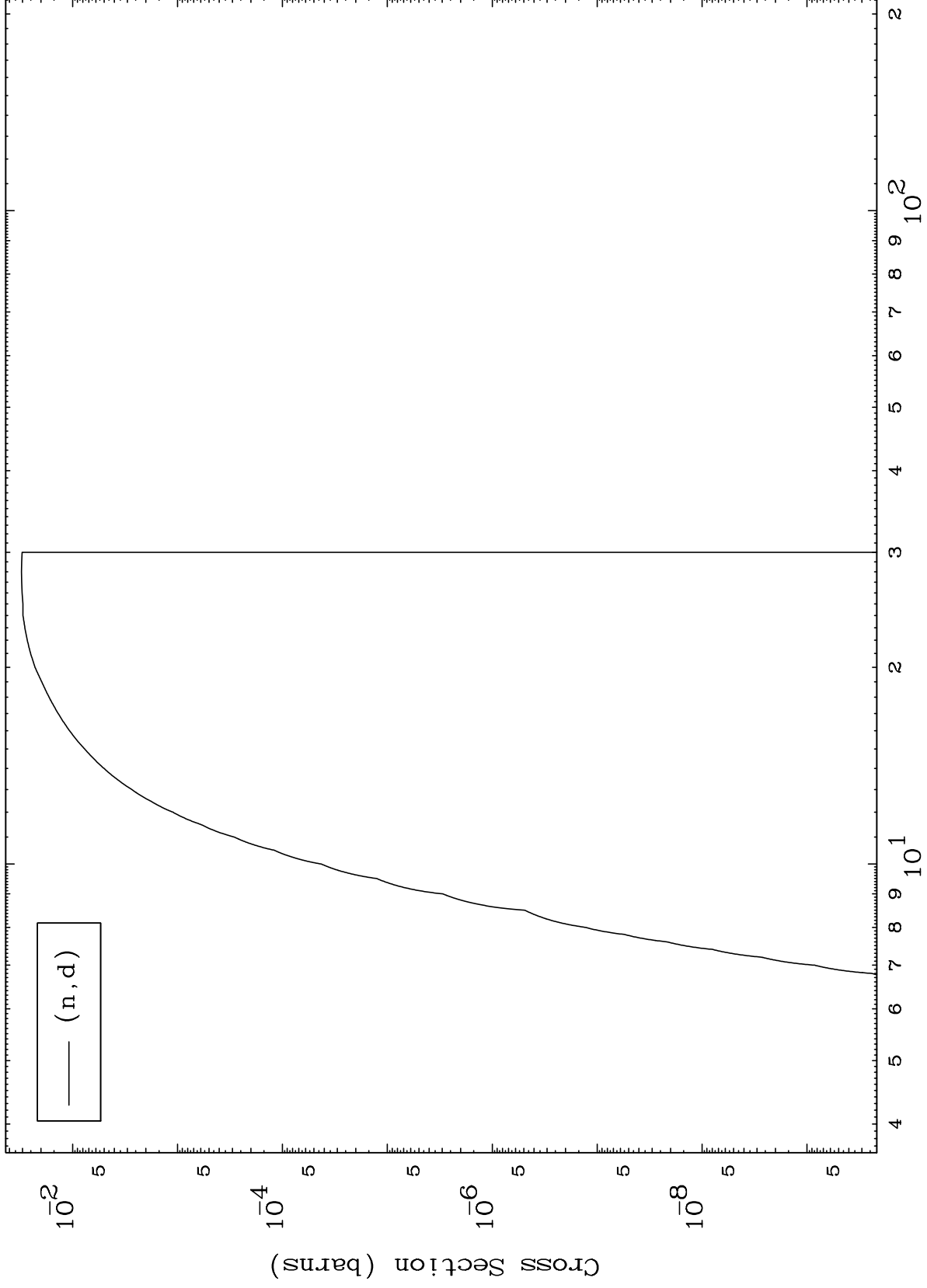
Incident Energy (MeV)

54-Xe-121

MAT 5416

(n,d) Levels
293 Kelvin Cross Sections

54-Xe-121



11

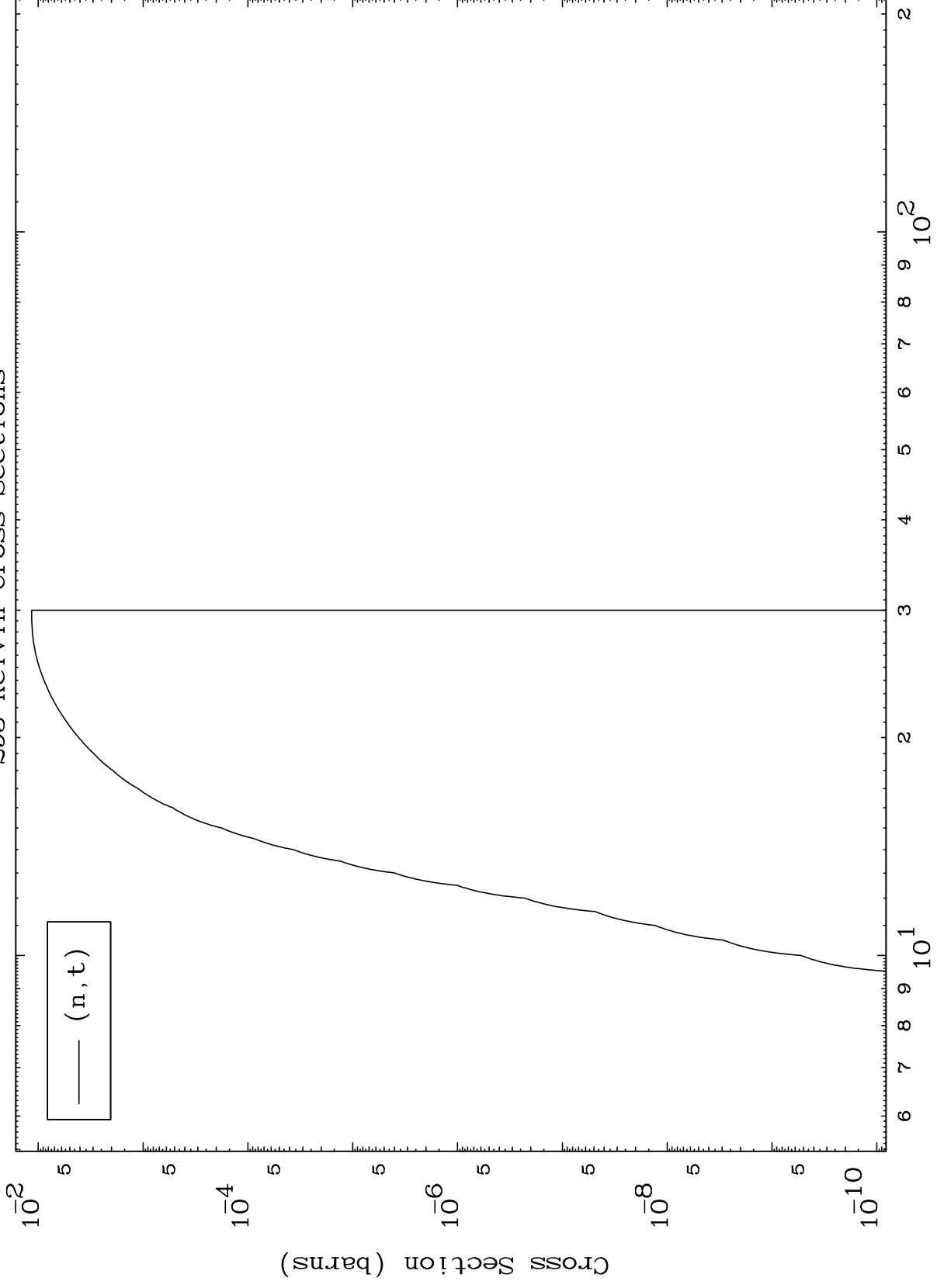
Incident Energy (MeV)

54-Xe-121

MAT 5416

(n,t) Levels
293 Kelvin Cross Sections

54-Xe-121



12

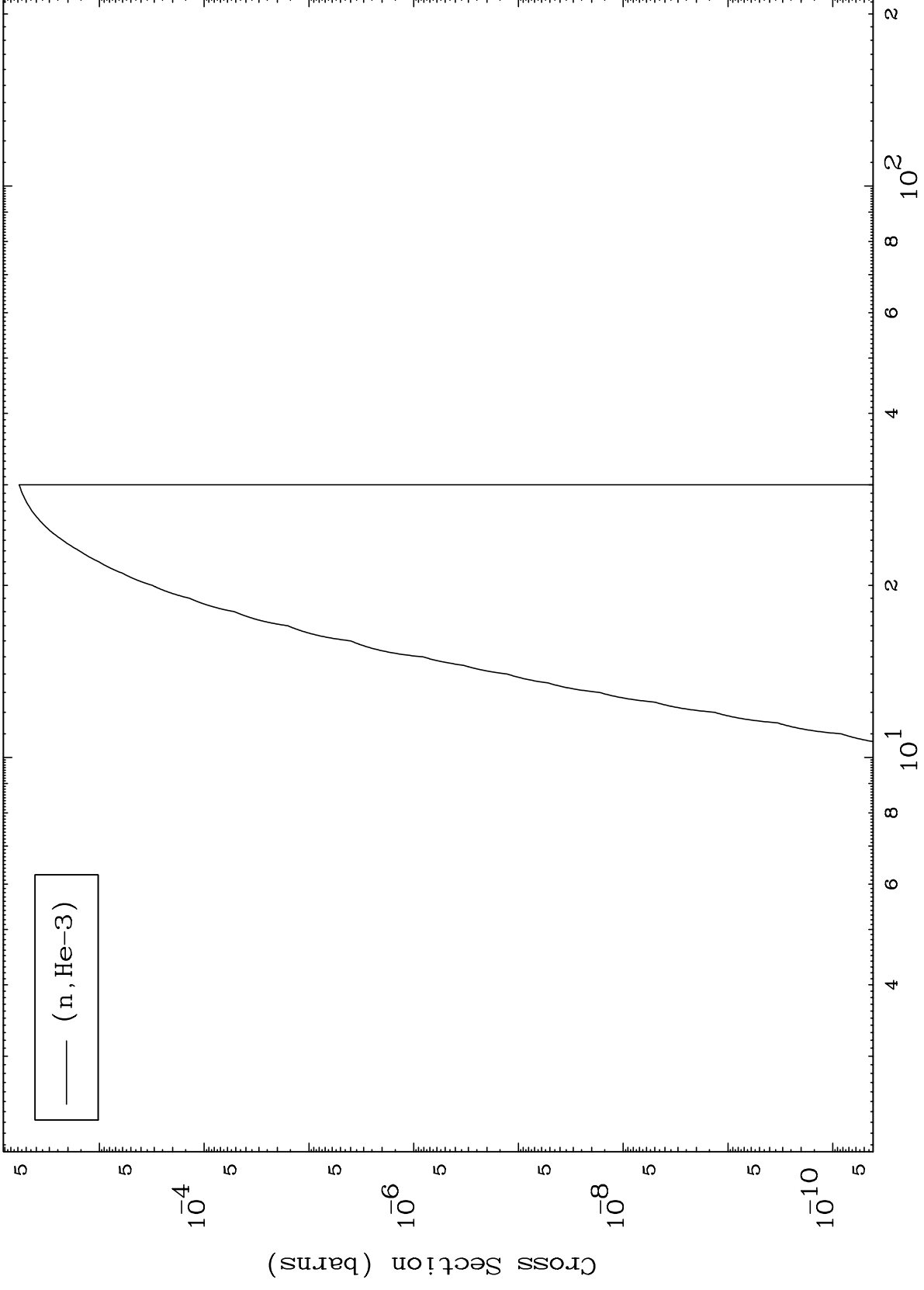
Incident Energy (MeV)

54-Xe-121

MAT 5416

(n,He3) Levels
293 Kelvin Cross Sections

54-Xe-121



13

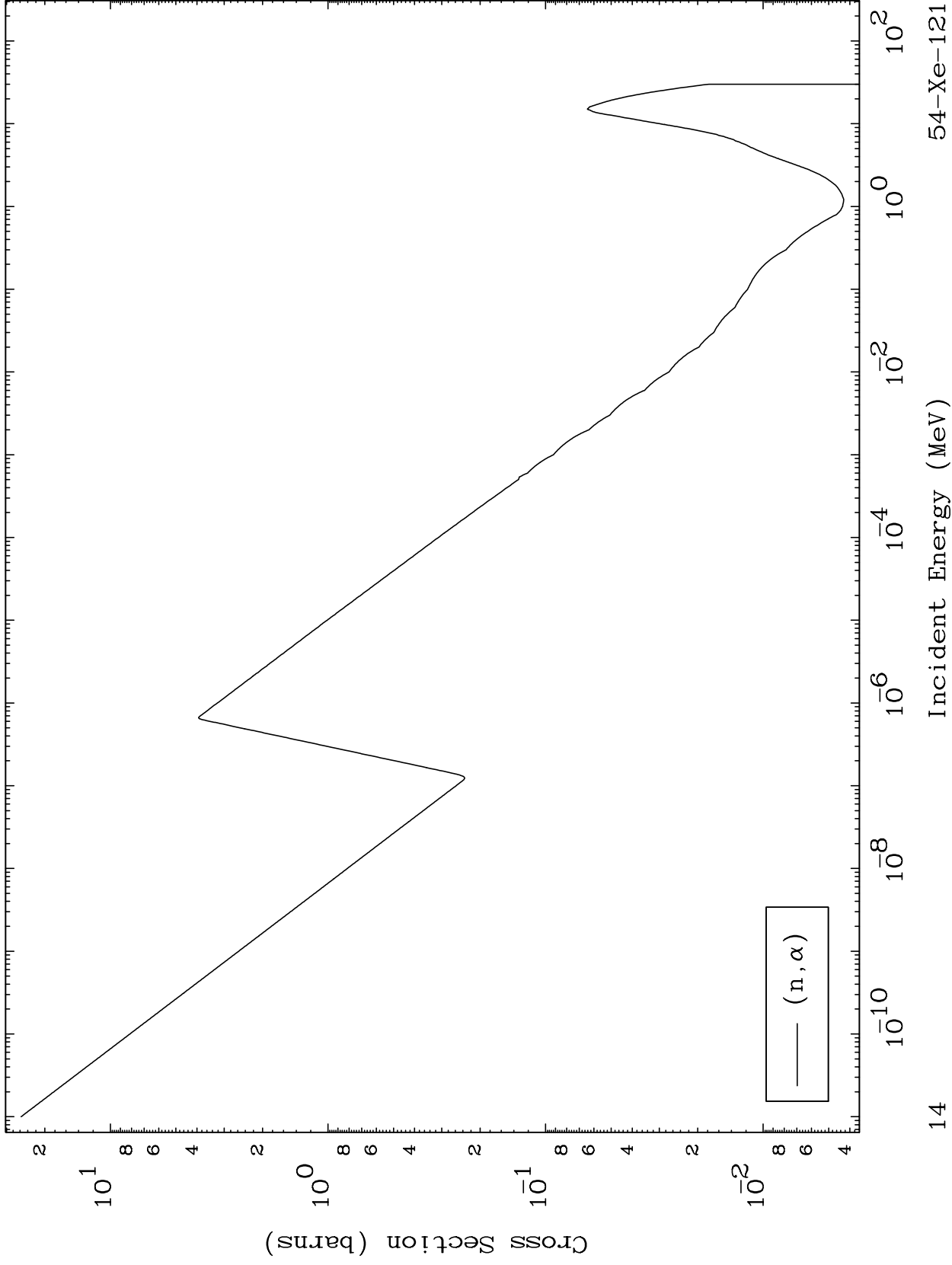
Incident Energy (MeV)

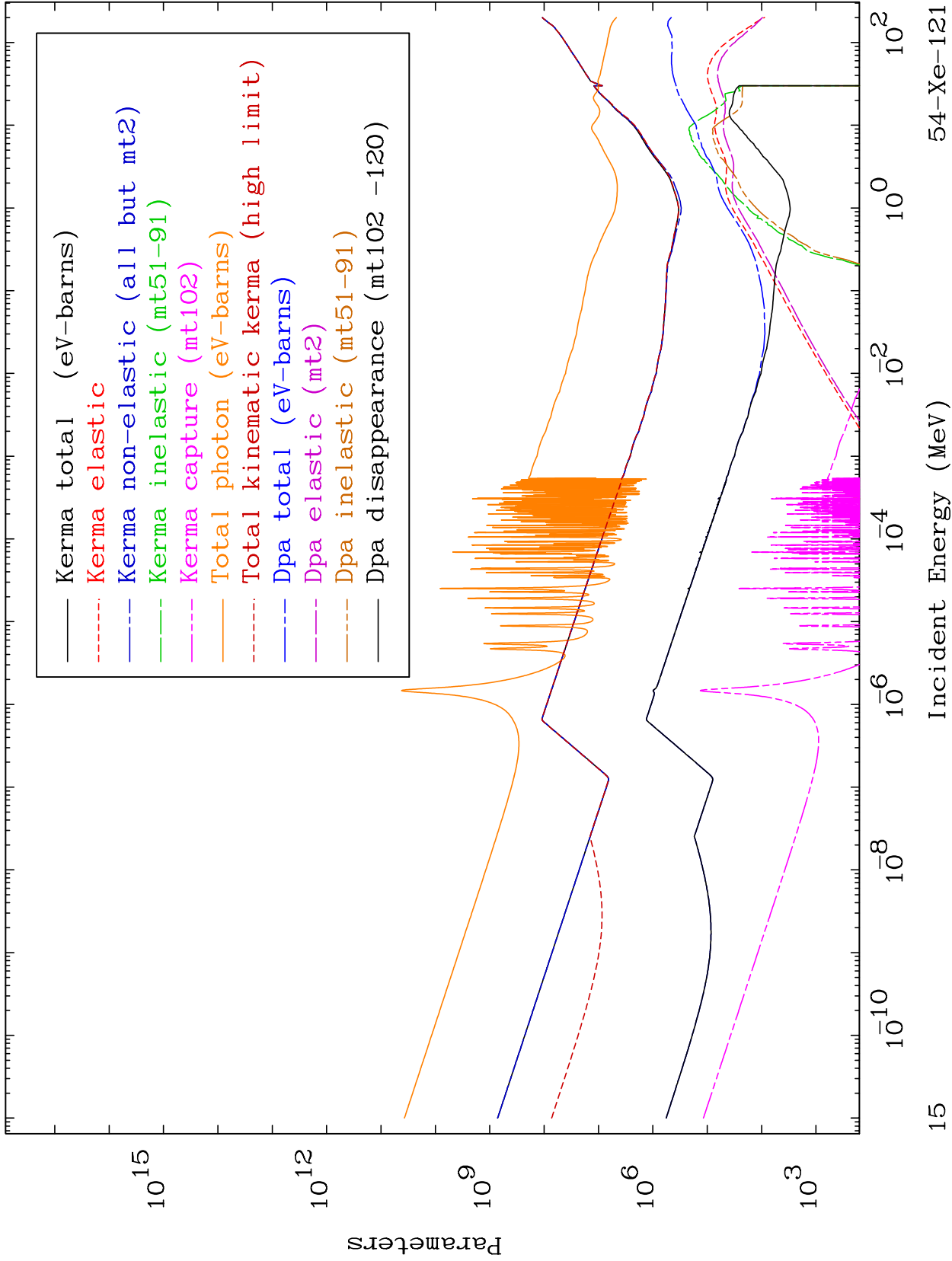
54-Xe-121

MAT 5416

(n,α) Levels
293 Kelvin Cross Sections

54-Xe-121

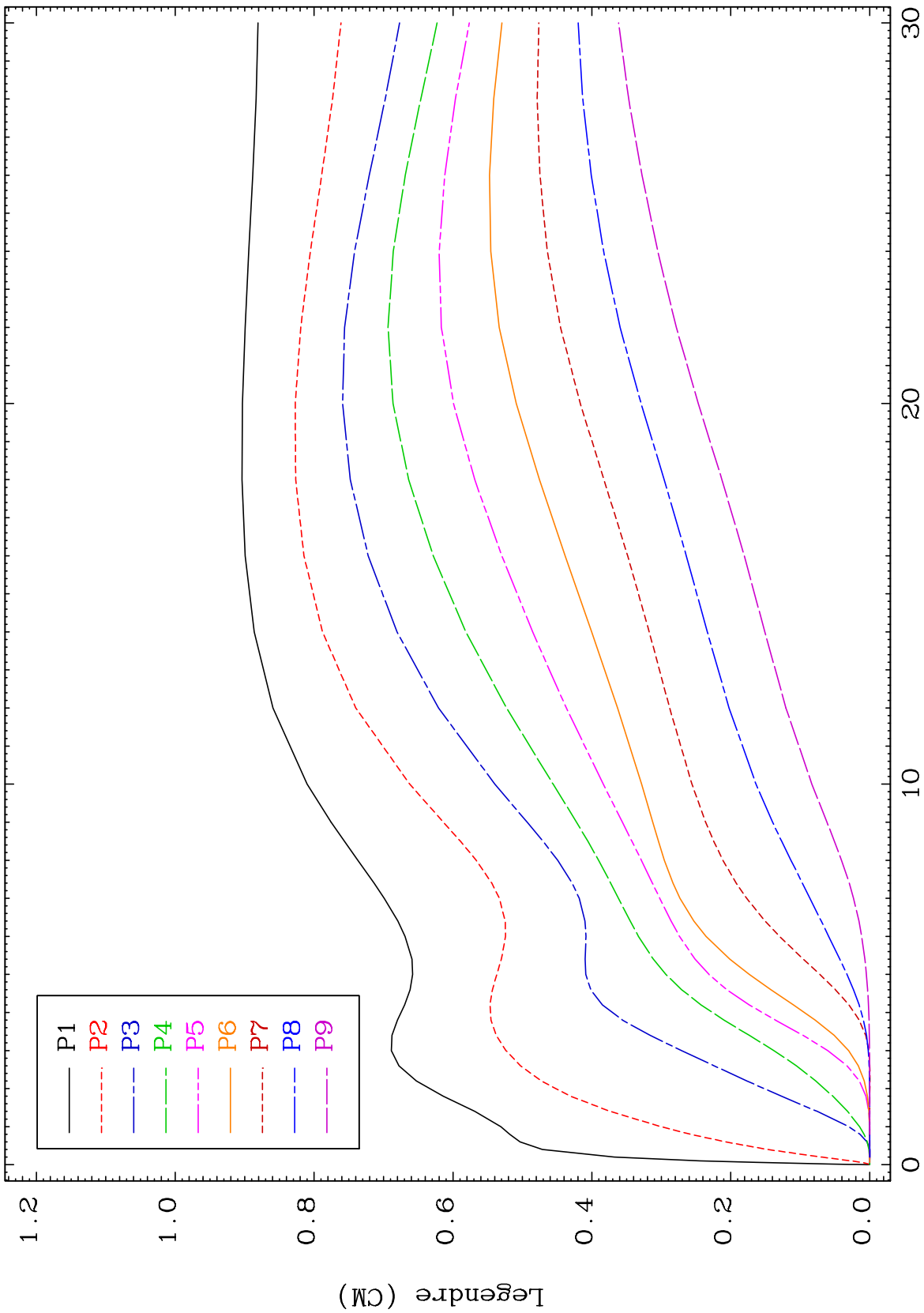




MAT 5416

Elastic Legendre Coefficients

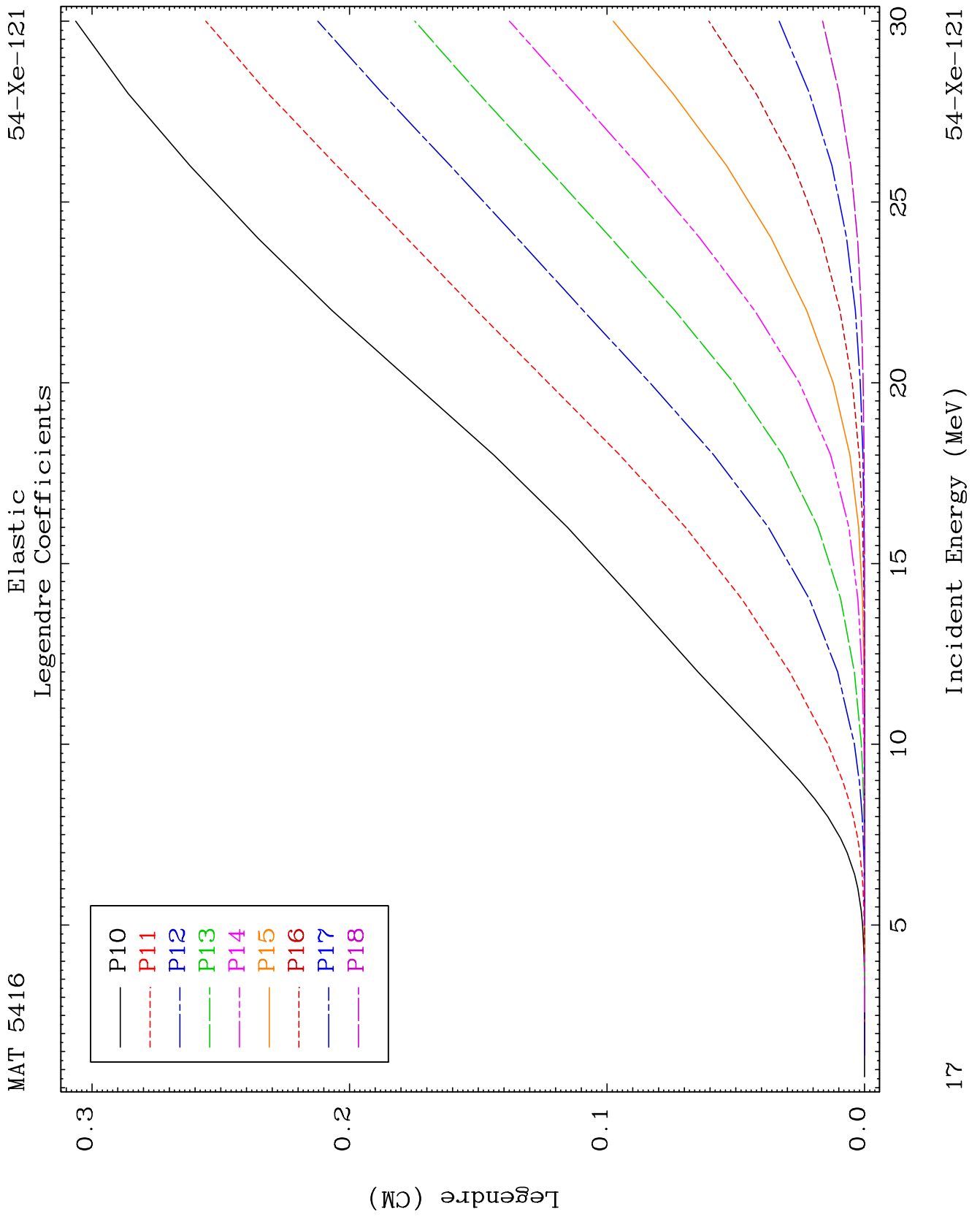
54-Xe-121



16

Incident Energy (MeV)

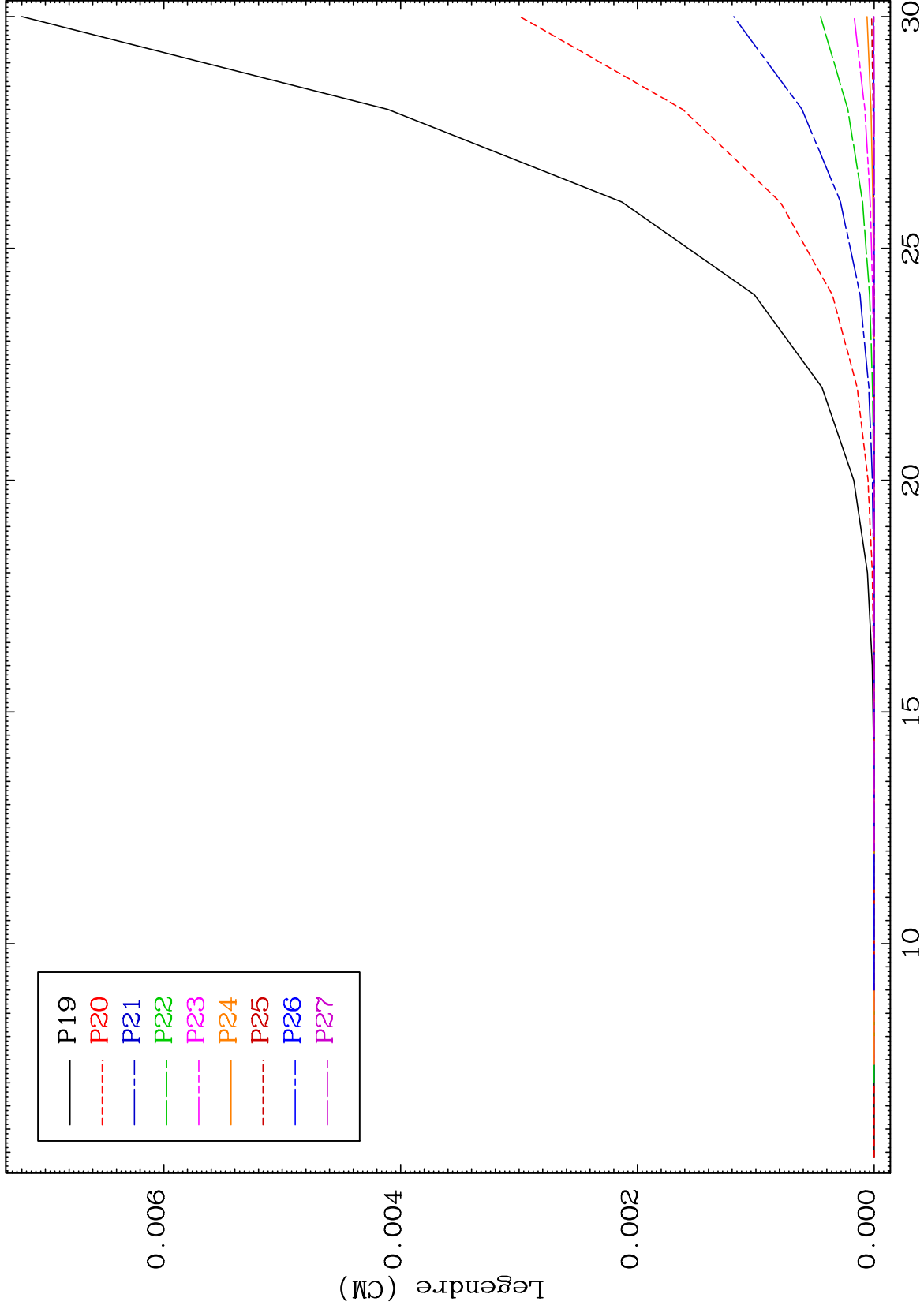
54-Xe-121



MAT 5416

Elastic Legendre Coefficients

54-Xe-121



18

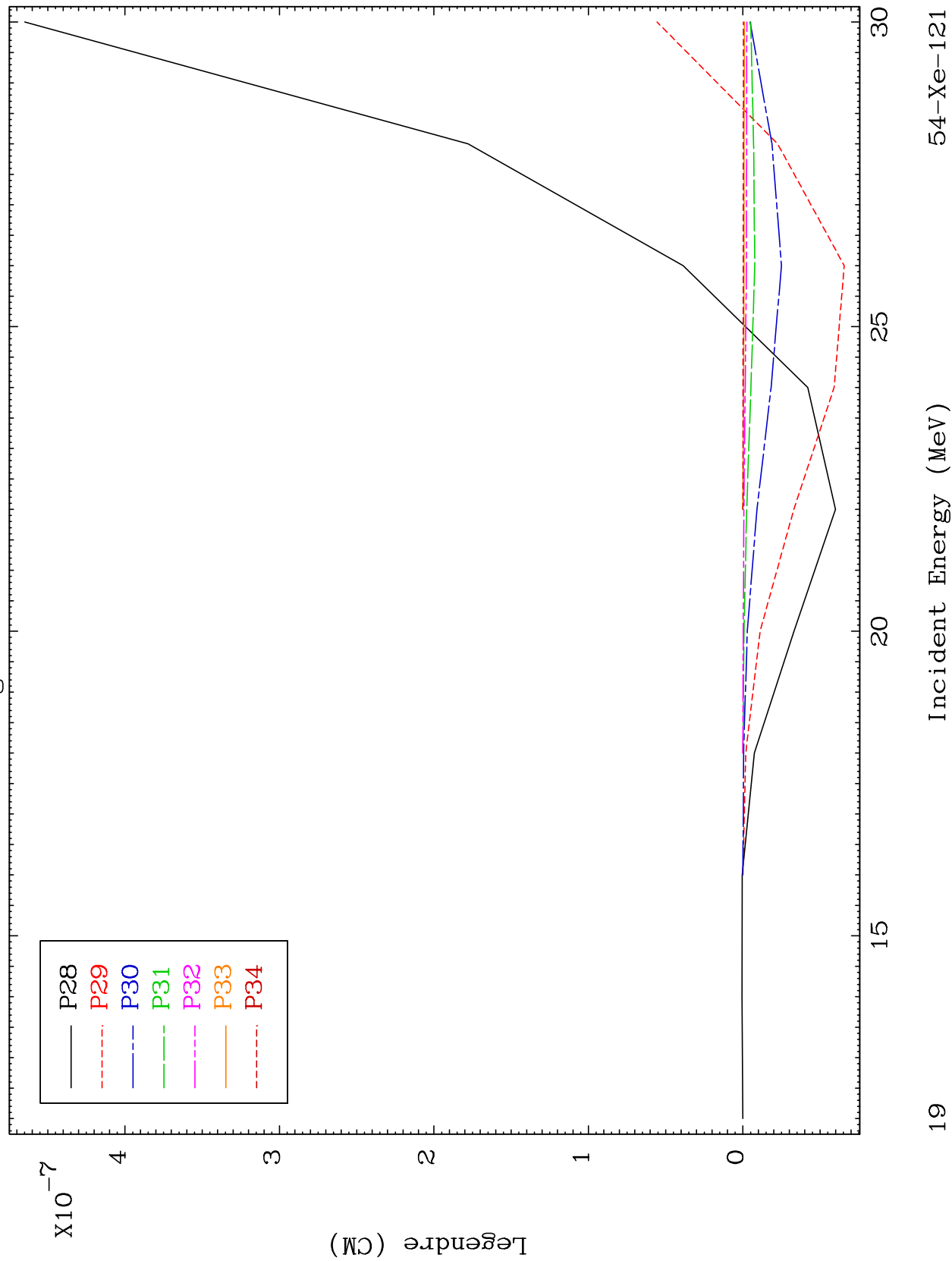
Incident Energy (MeV)

54-Xe-121

MAT 5416

Elastic Legendre Coefficients

54-Xe-121



19

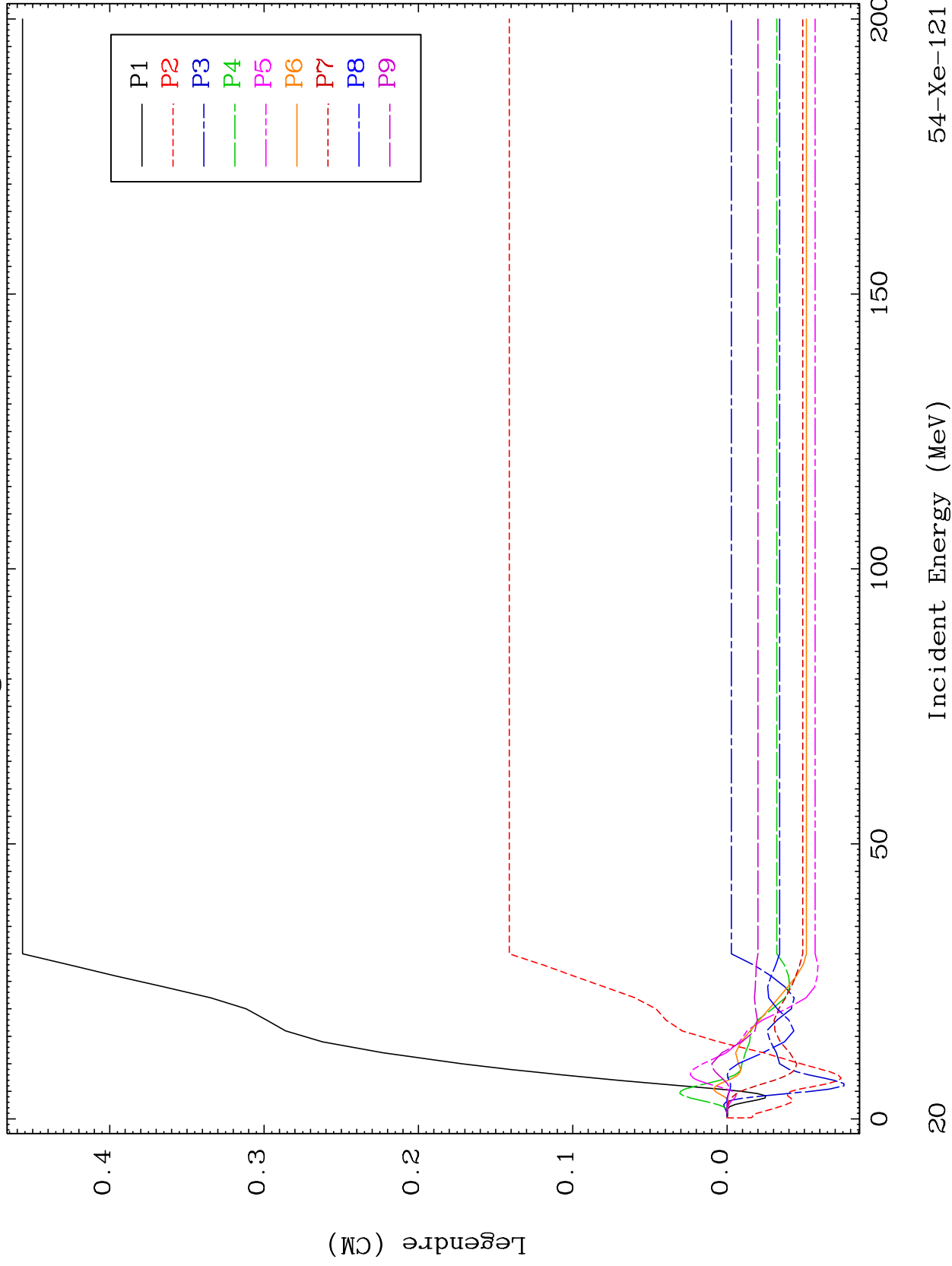
Incident Energy (MeV)

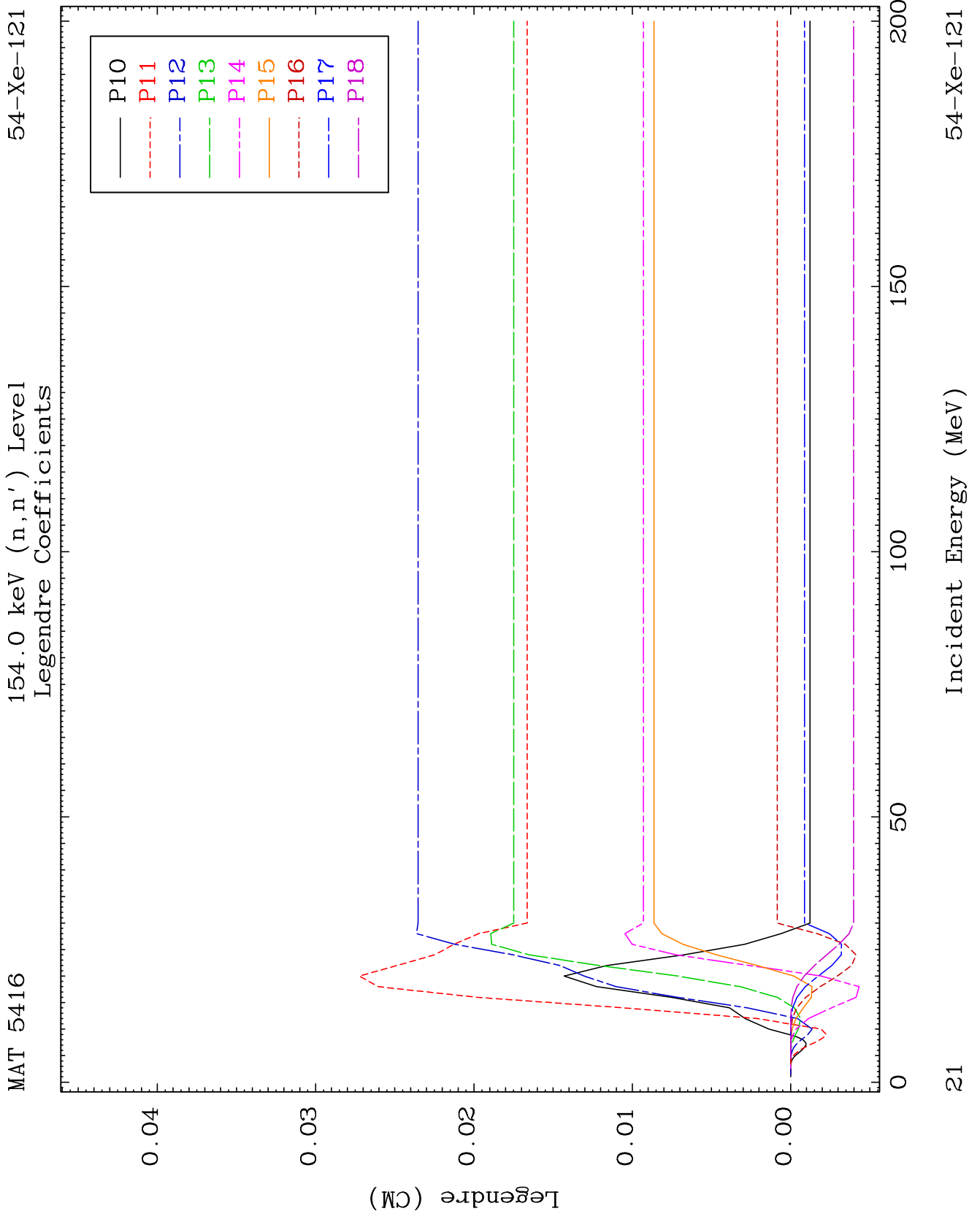
54-Xe-121

MAT 5416

154.0 keV (n,n') Level
Legendre Coefficients

54-Xe-121

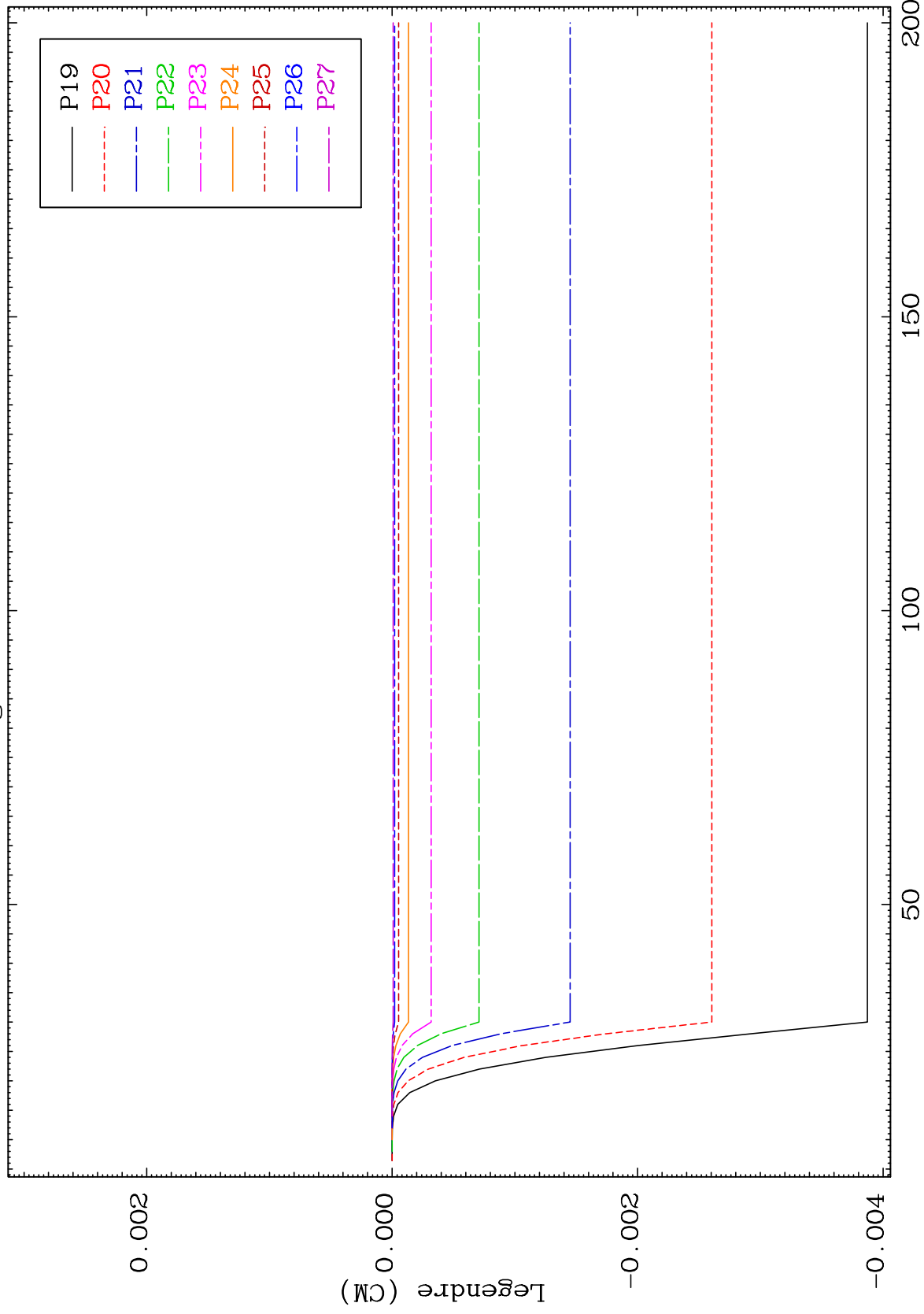




MAT 5416

154.0 keV (n,n') Level
Legendre Coefficients

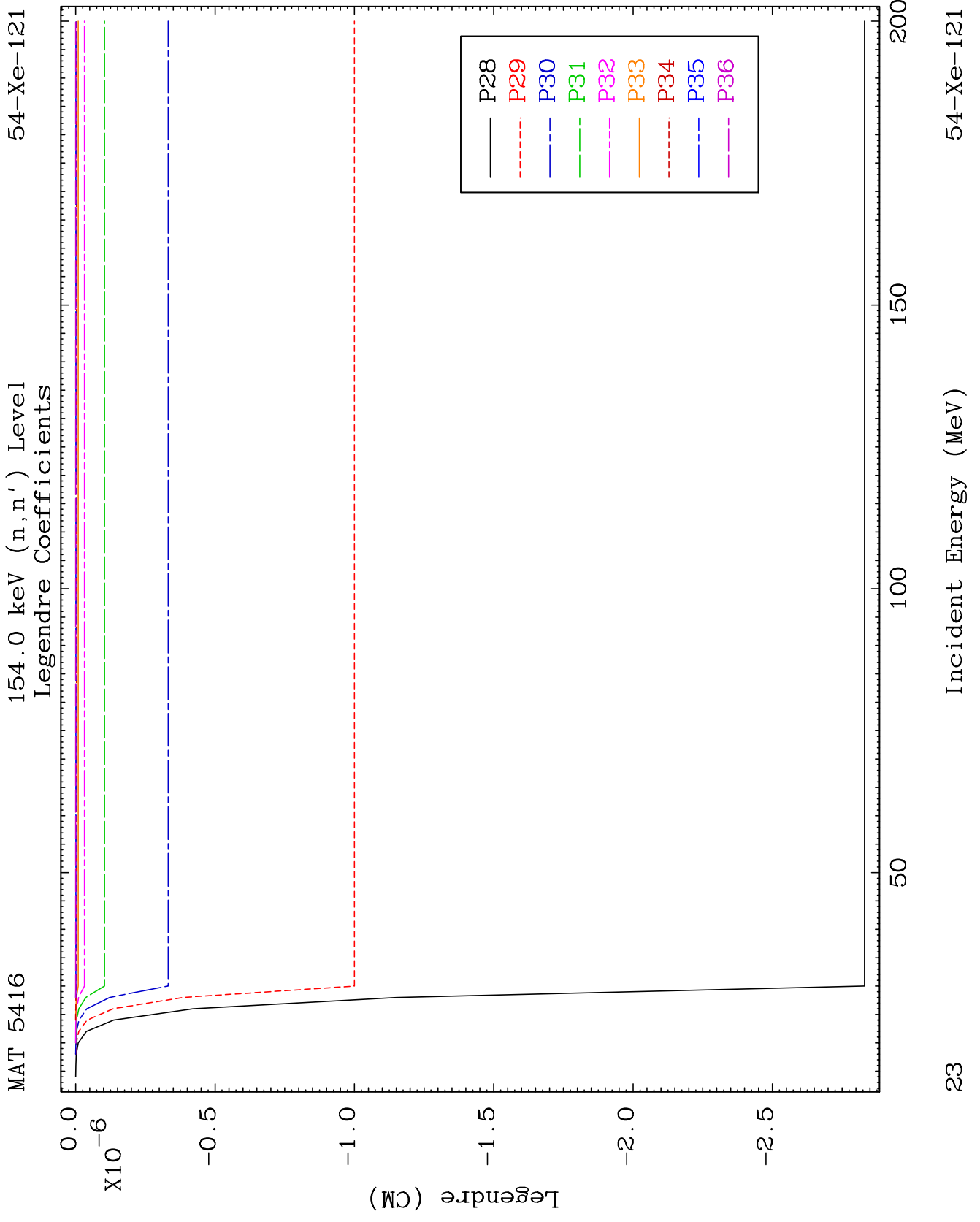
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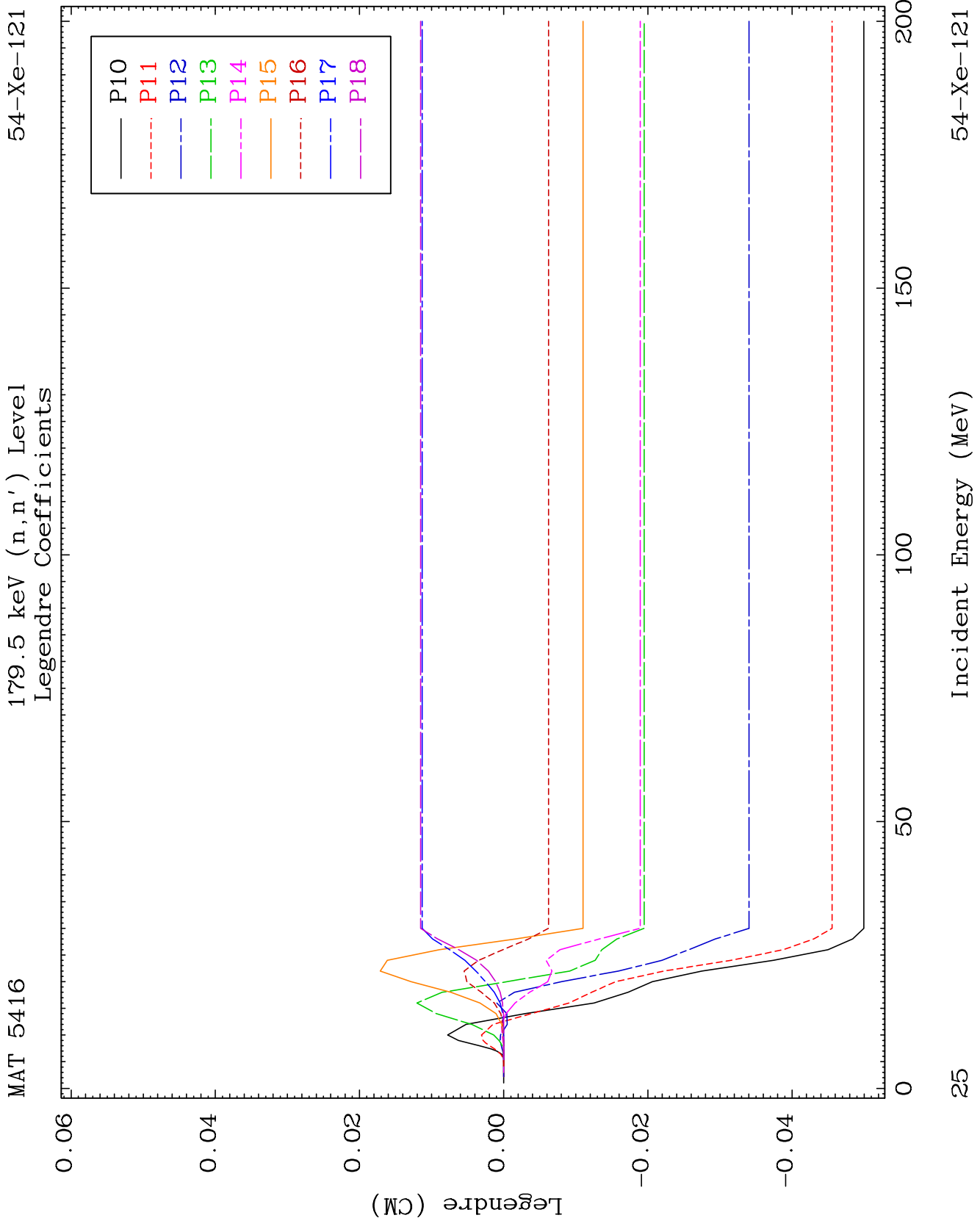


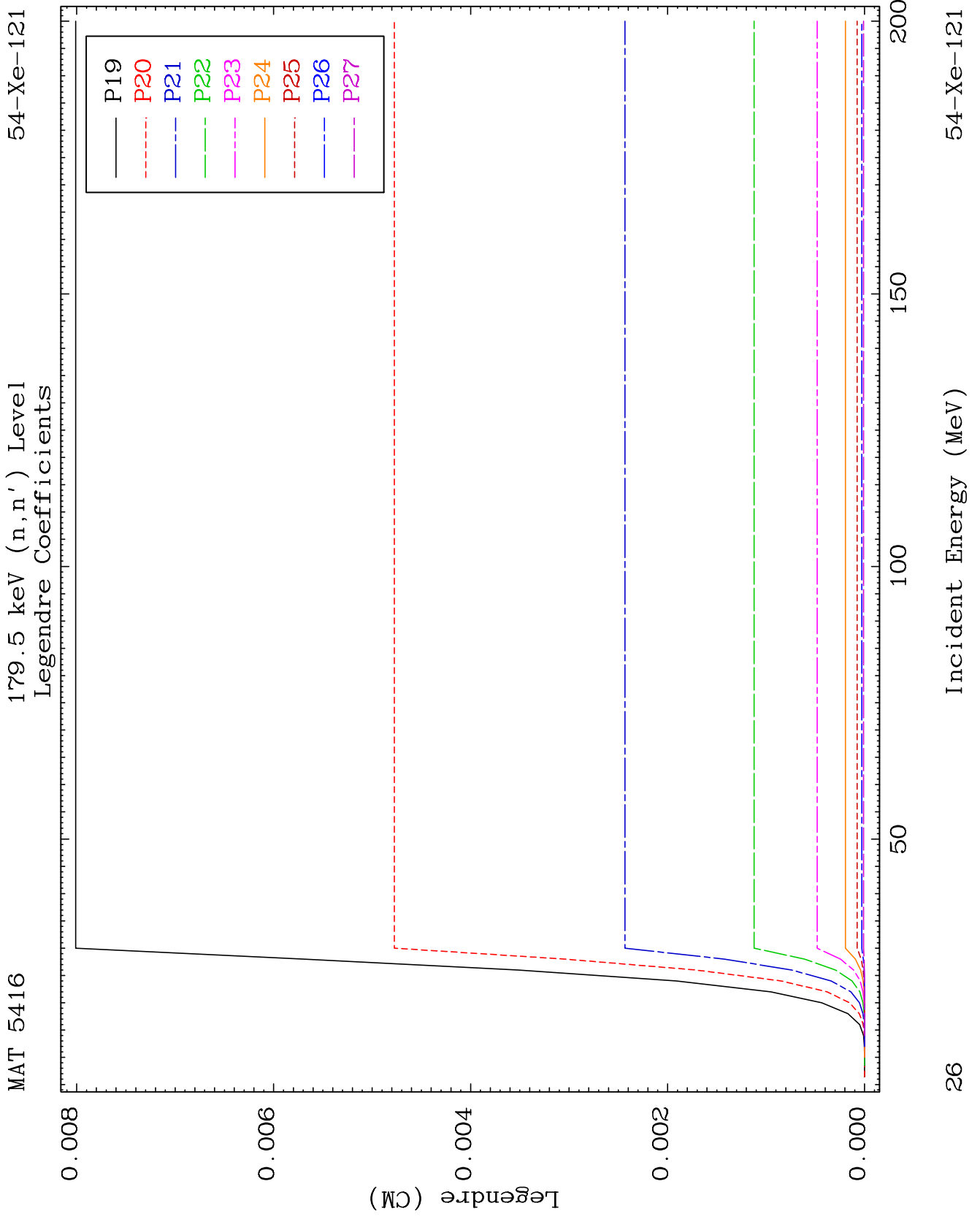
22

Incident Energy (MeV)

54-Xe-121



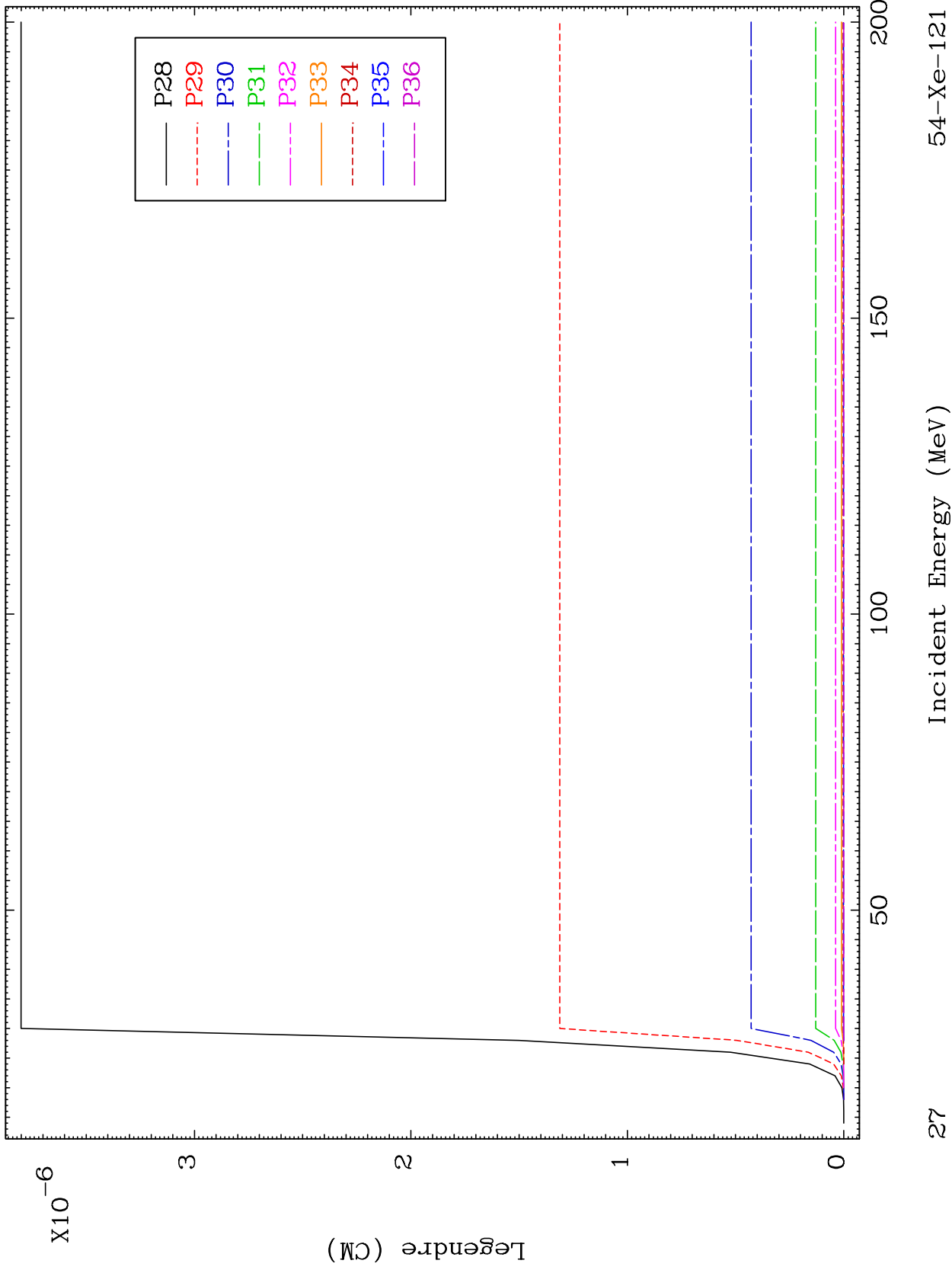




MAT 5416

179.5 keV (n,n') Level
Legendre Coefficients

54-Xe-121



27

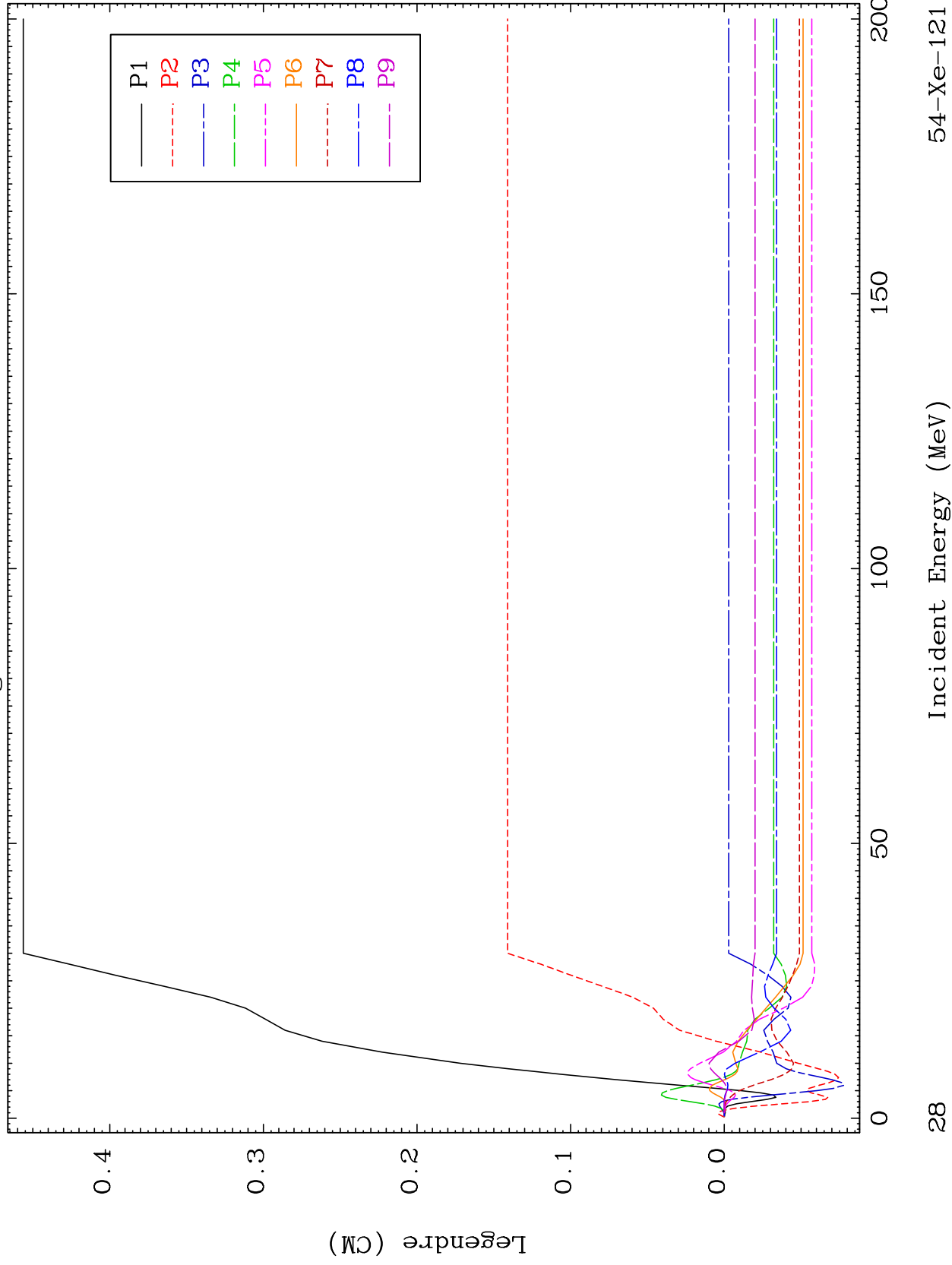
Incident Energy (MeV)

54-Xe-121

MAT 5416

196.1 keV (n,n') Level
Legendre Coefficients

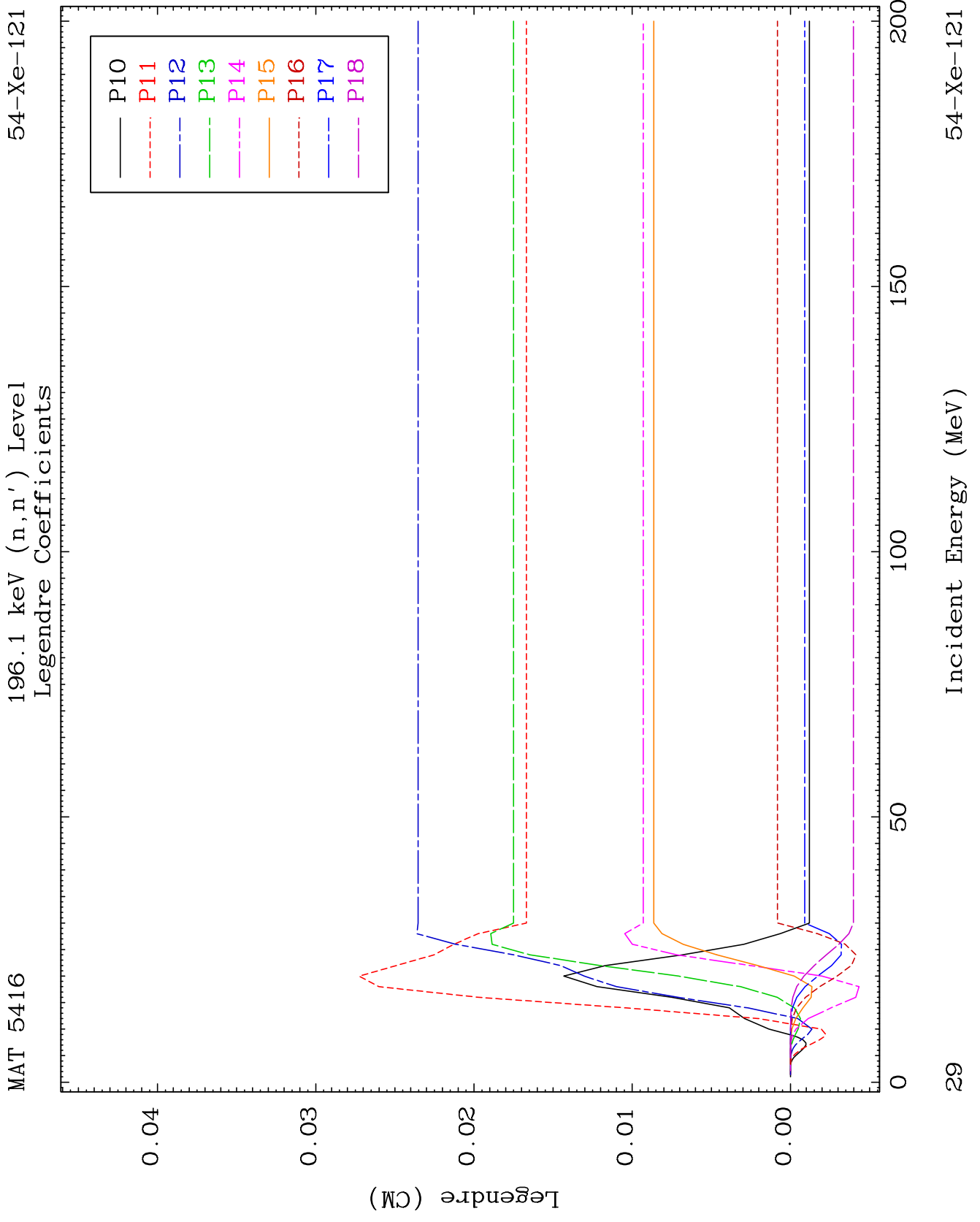
54-Xe-121



54-Xe-121

Incident Energy (MeV)

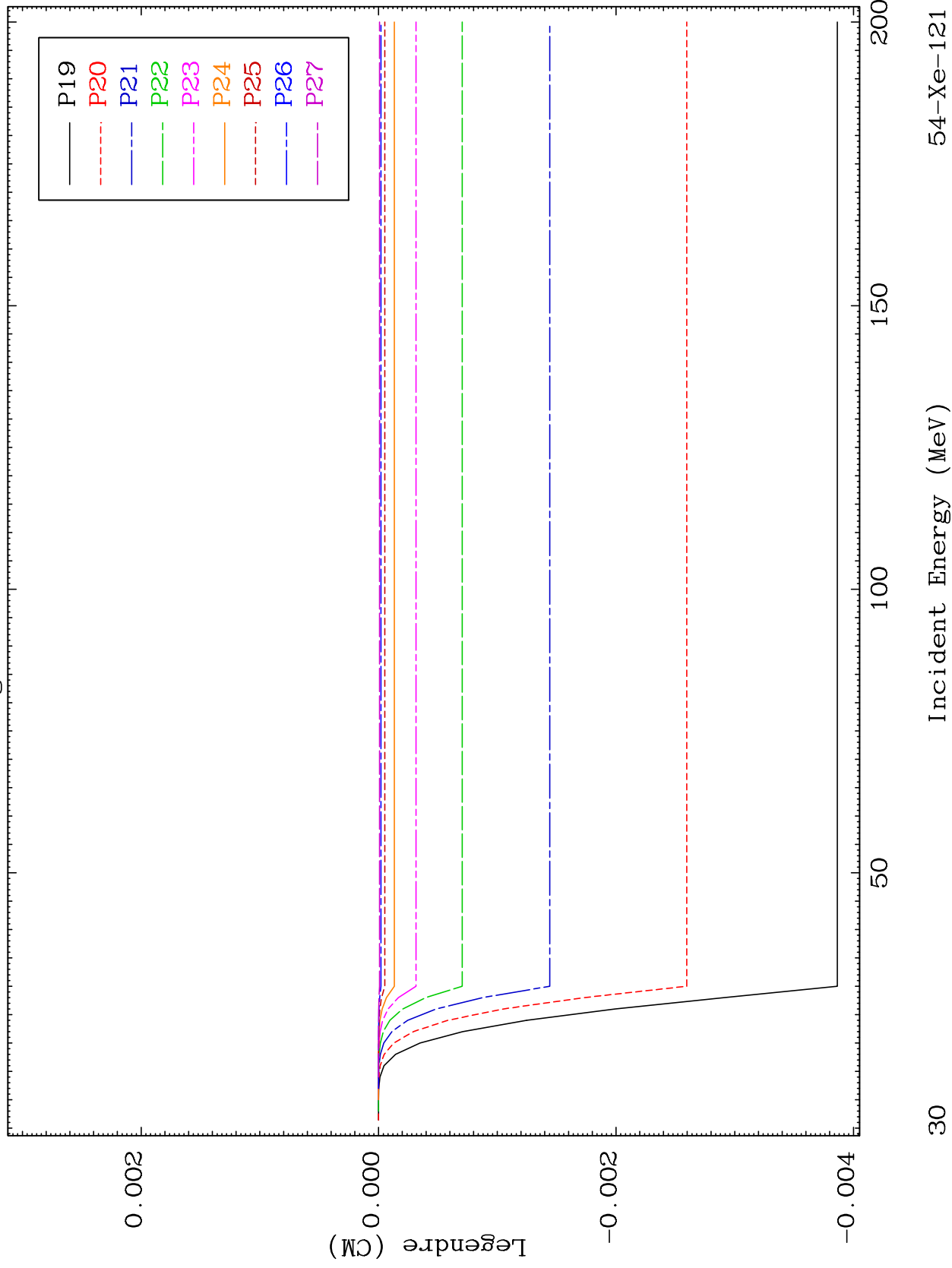
28

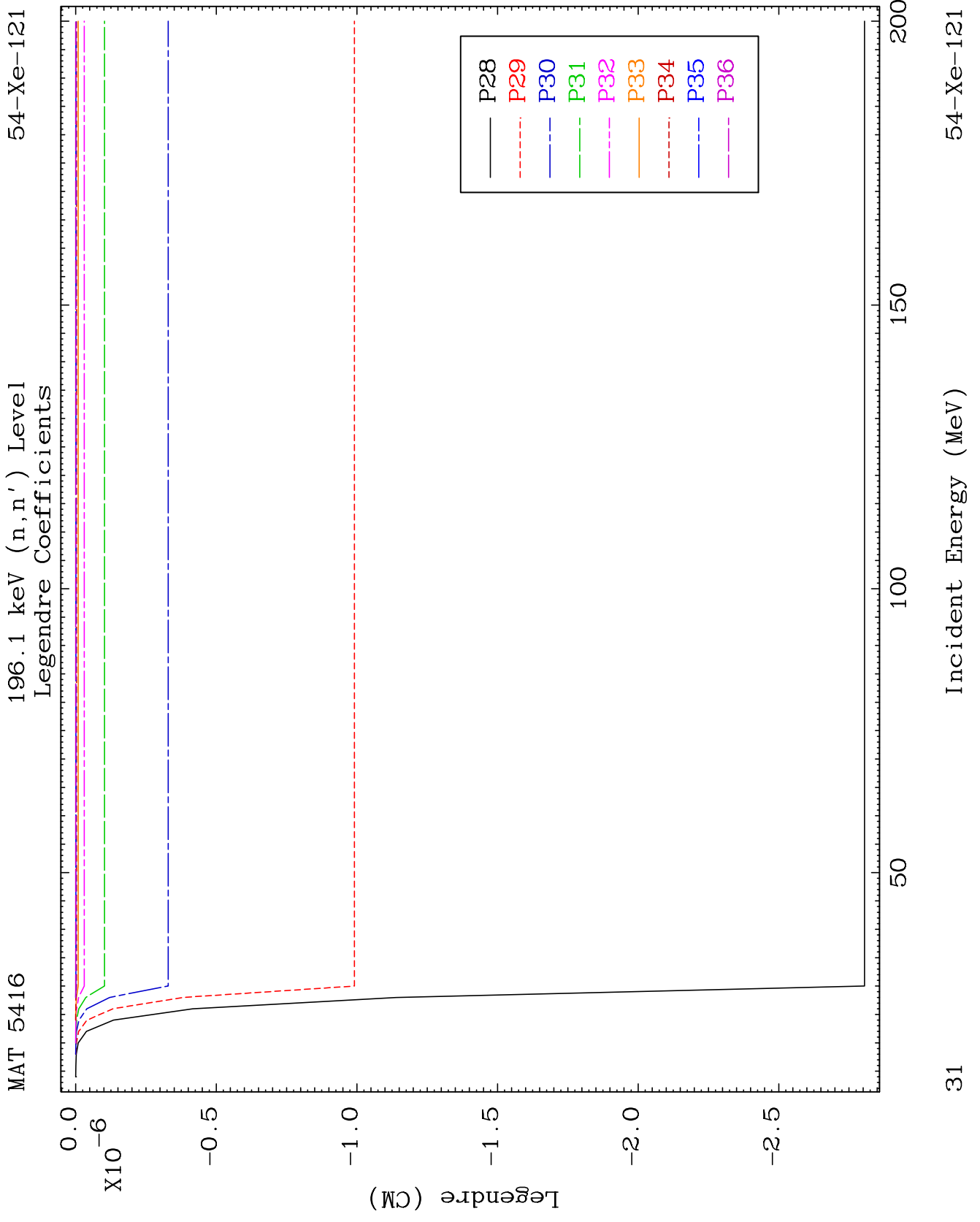


MAT 5416

196.1 keV (n,n') Level
Legendre Coefficients

54-Xe-121

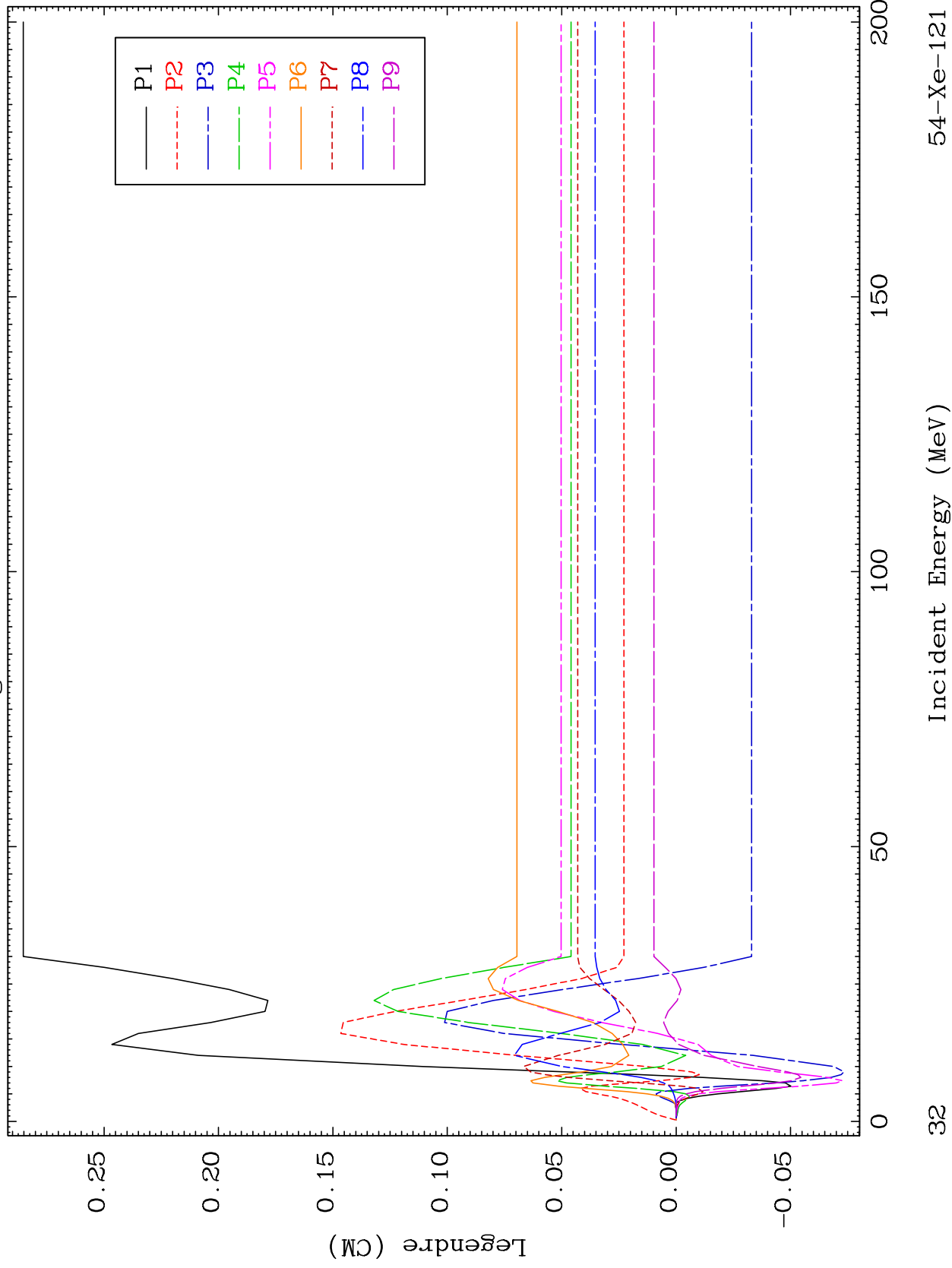




MAT 5416

234.7 keV (n,n') Level
Legendre Coefficients

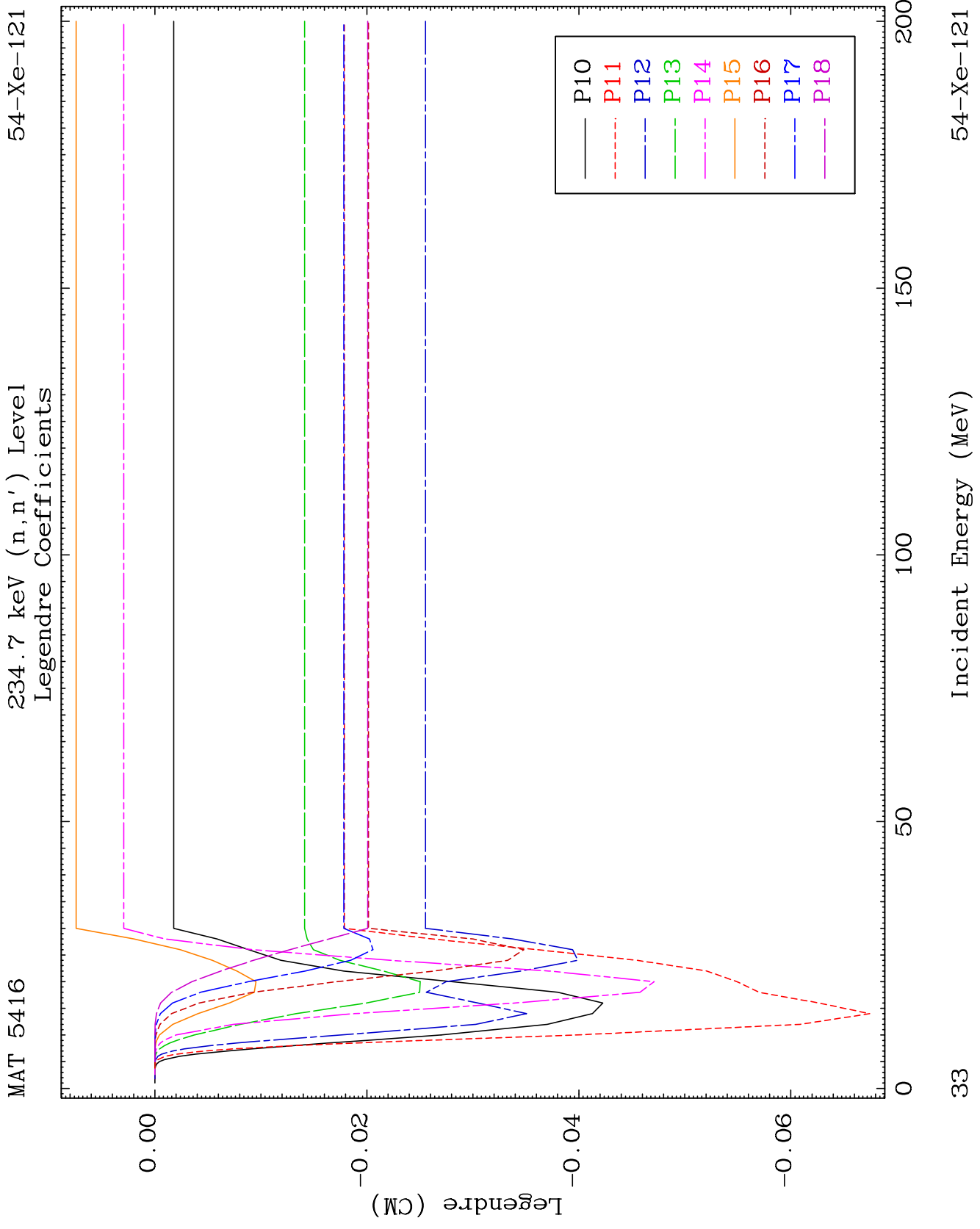
54-Xe-121

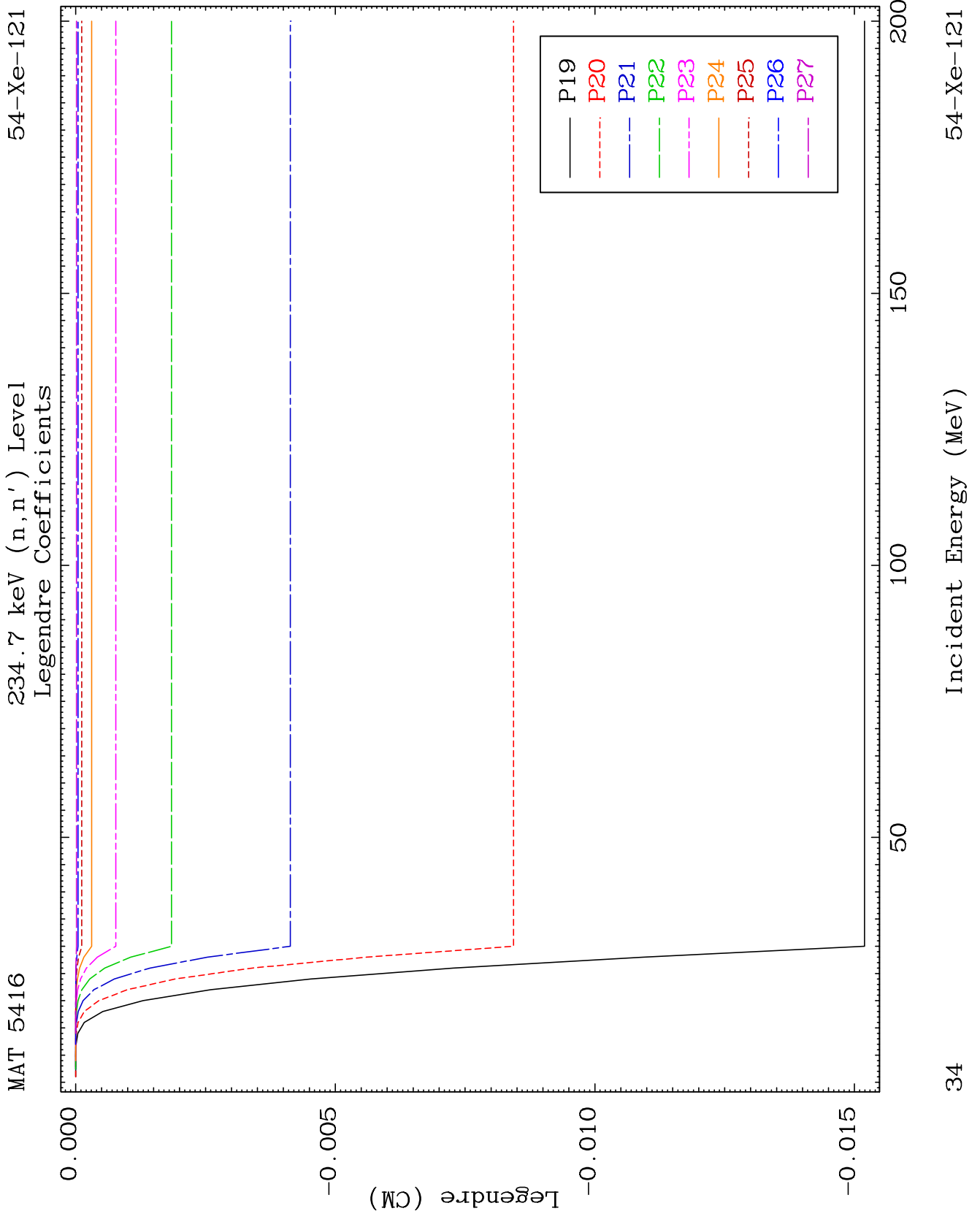


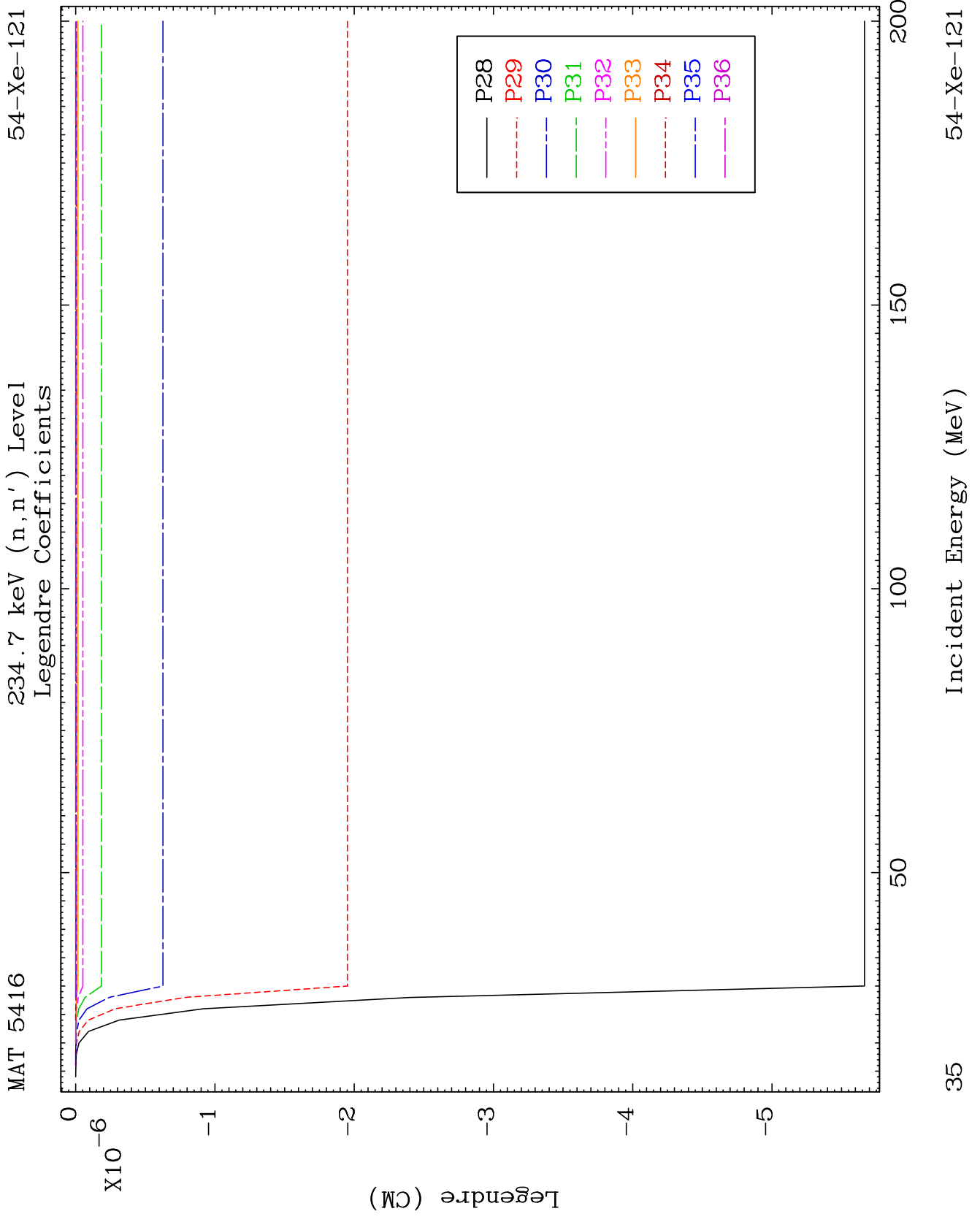
54-Xe-121

Incident Energy (MeV)

32



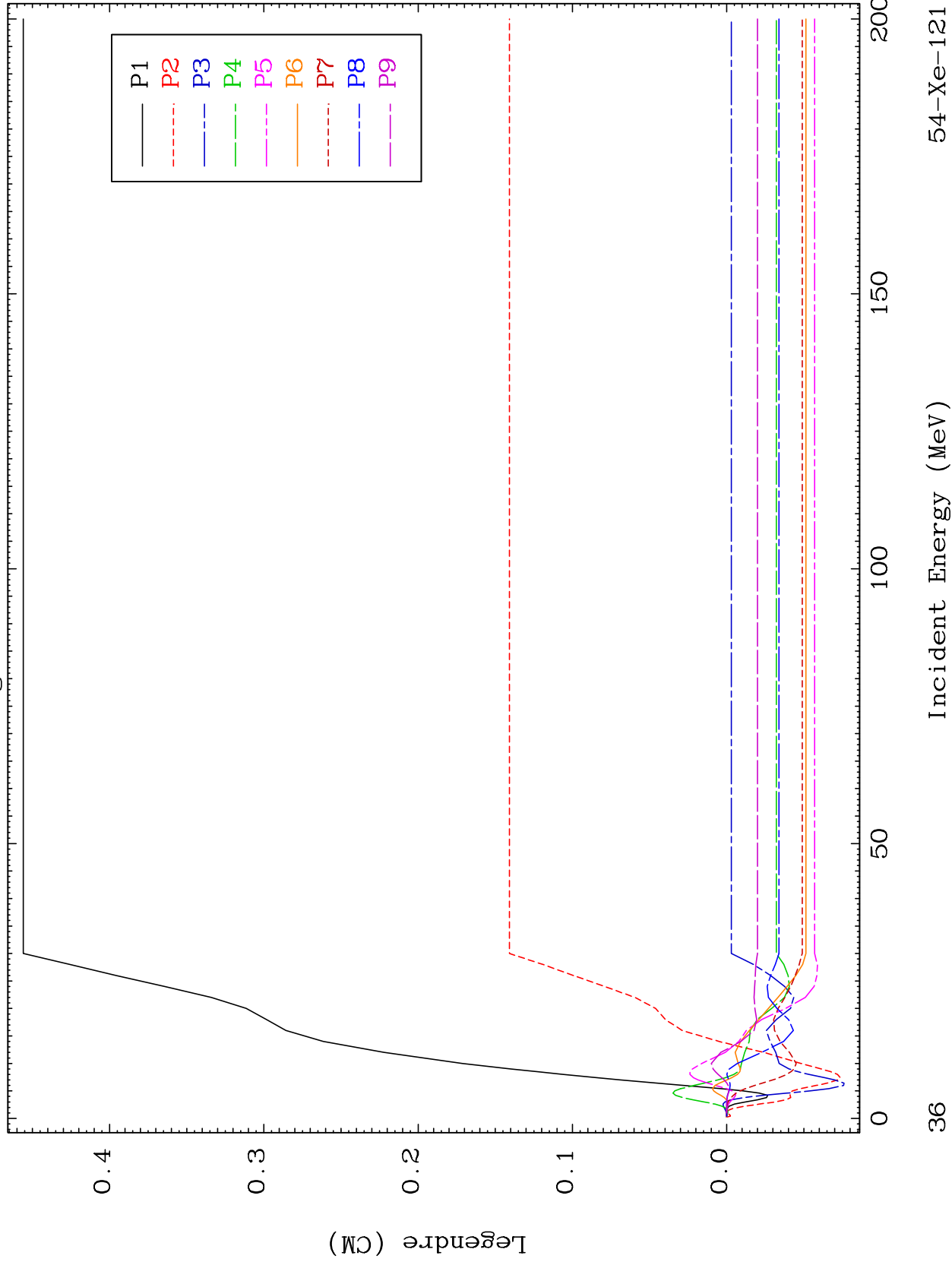




MAT 5416

239.8 keV (n,n') Level
Legendre Coefficients

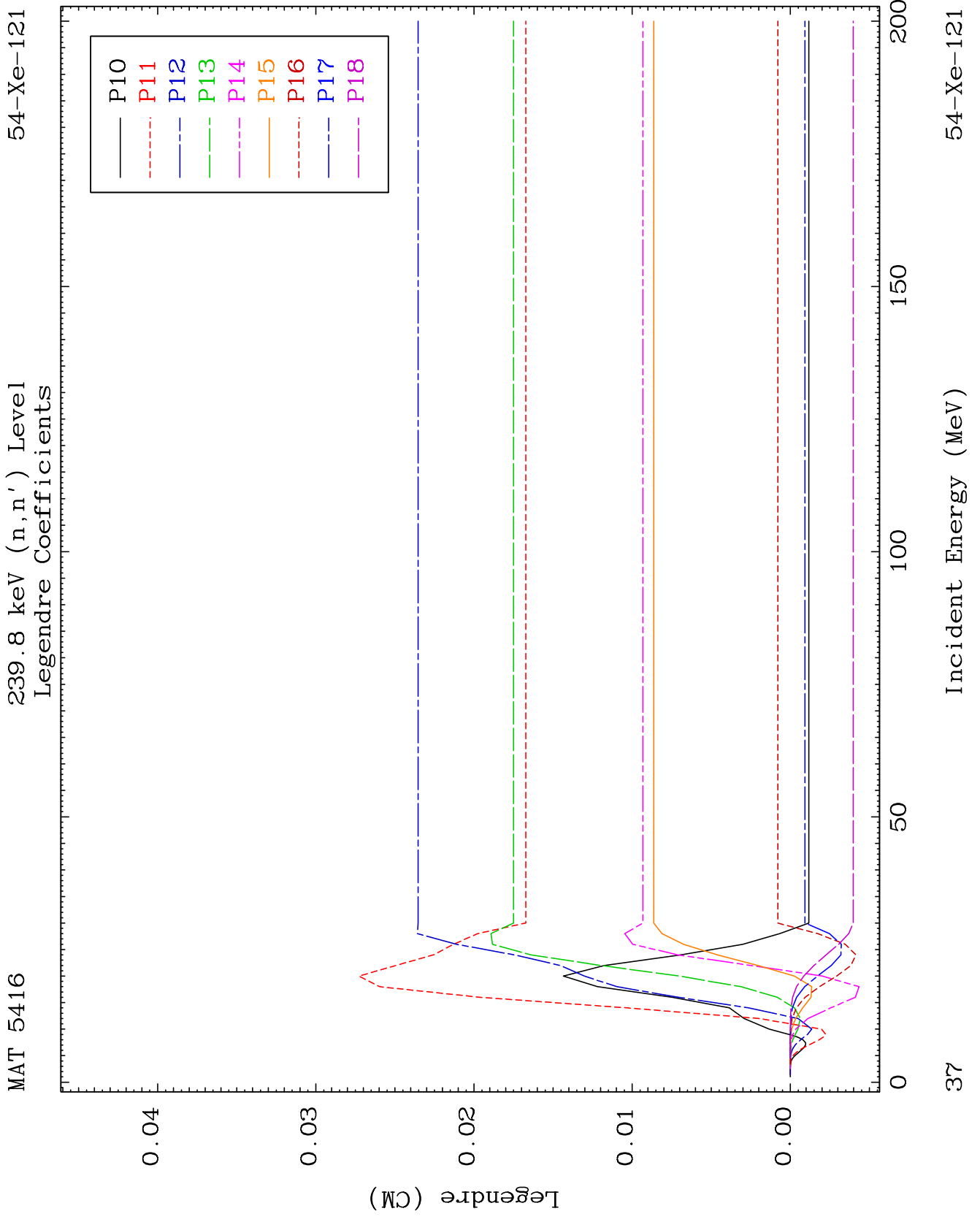
54-Xe-121



54-Xe-121

Incident Energy (MeV)

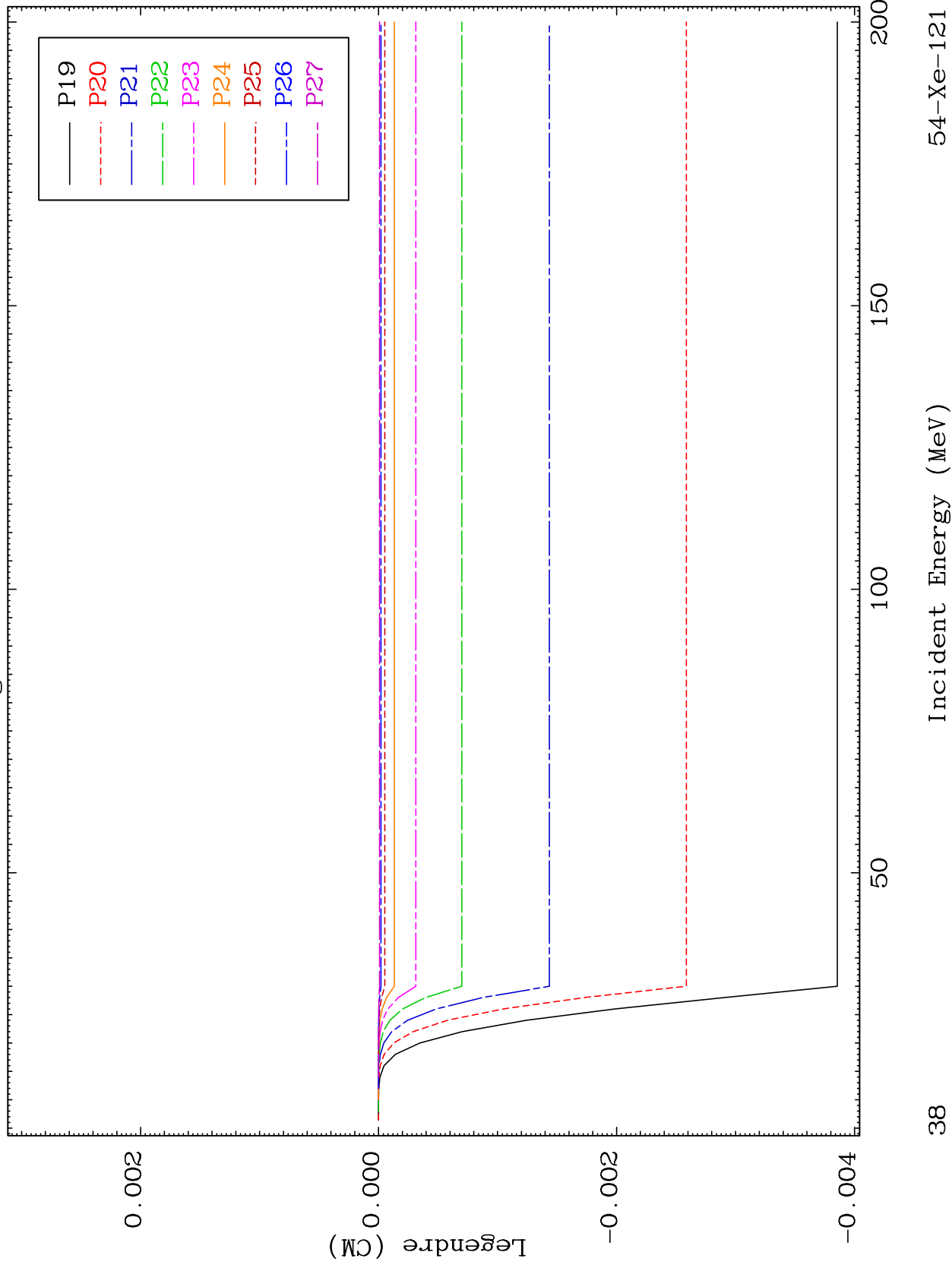
36



MAT 5416

239.8 keV (n,n') Level
Legendre Coefficients

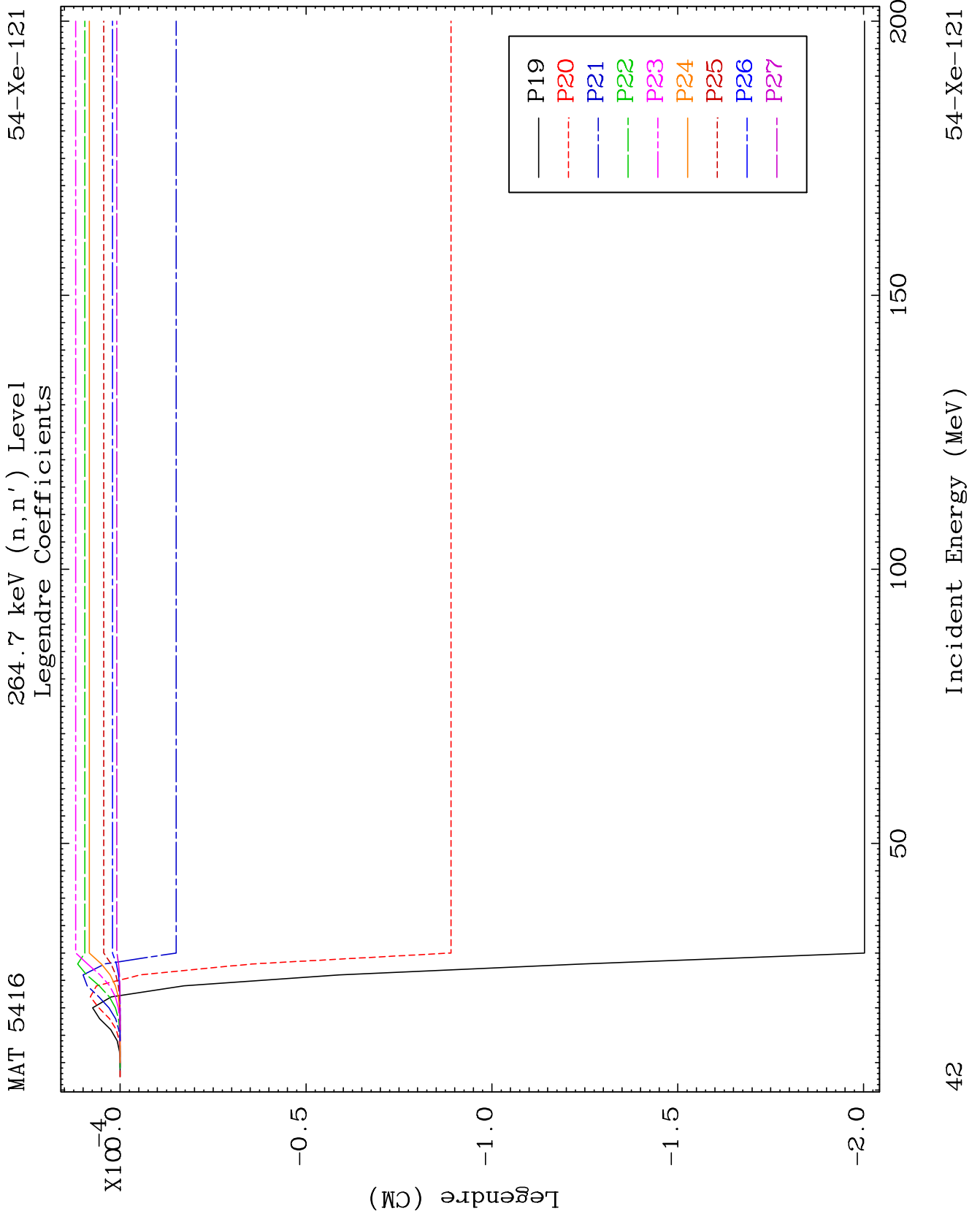
54-Xe-121



38

Incident Energy (MeV)

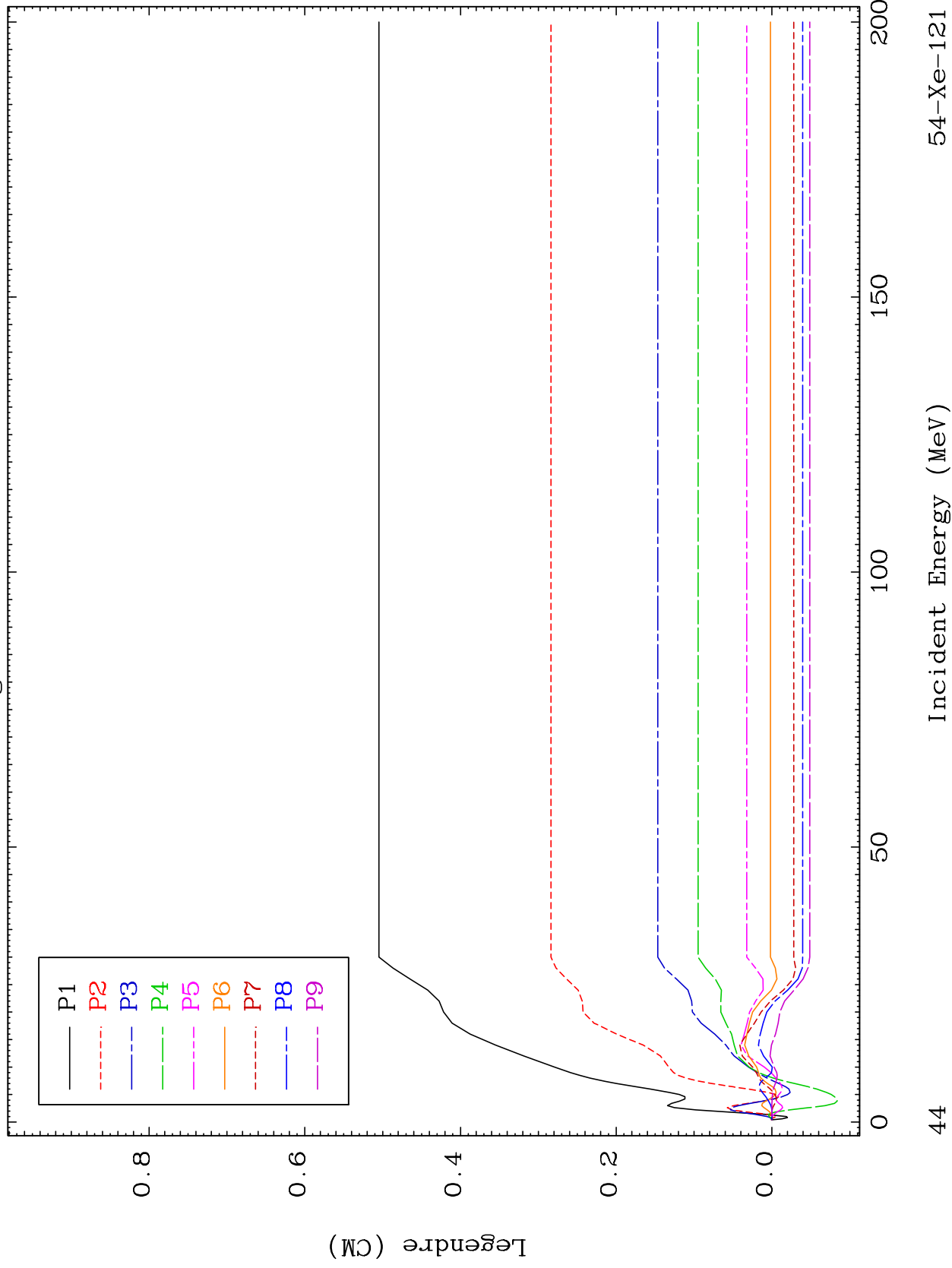
54-Xe-121



MAT 5416

355.7 keV (n,n') Level
Legendre Coefficients

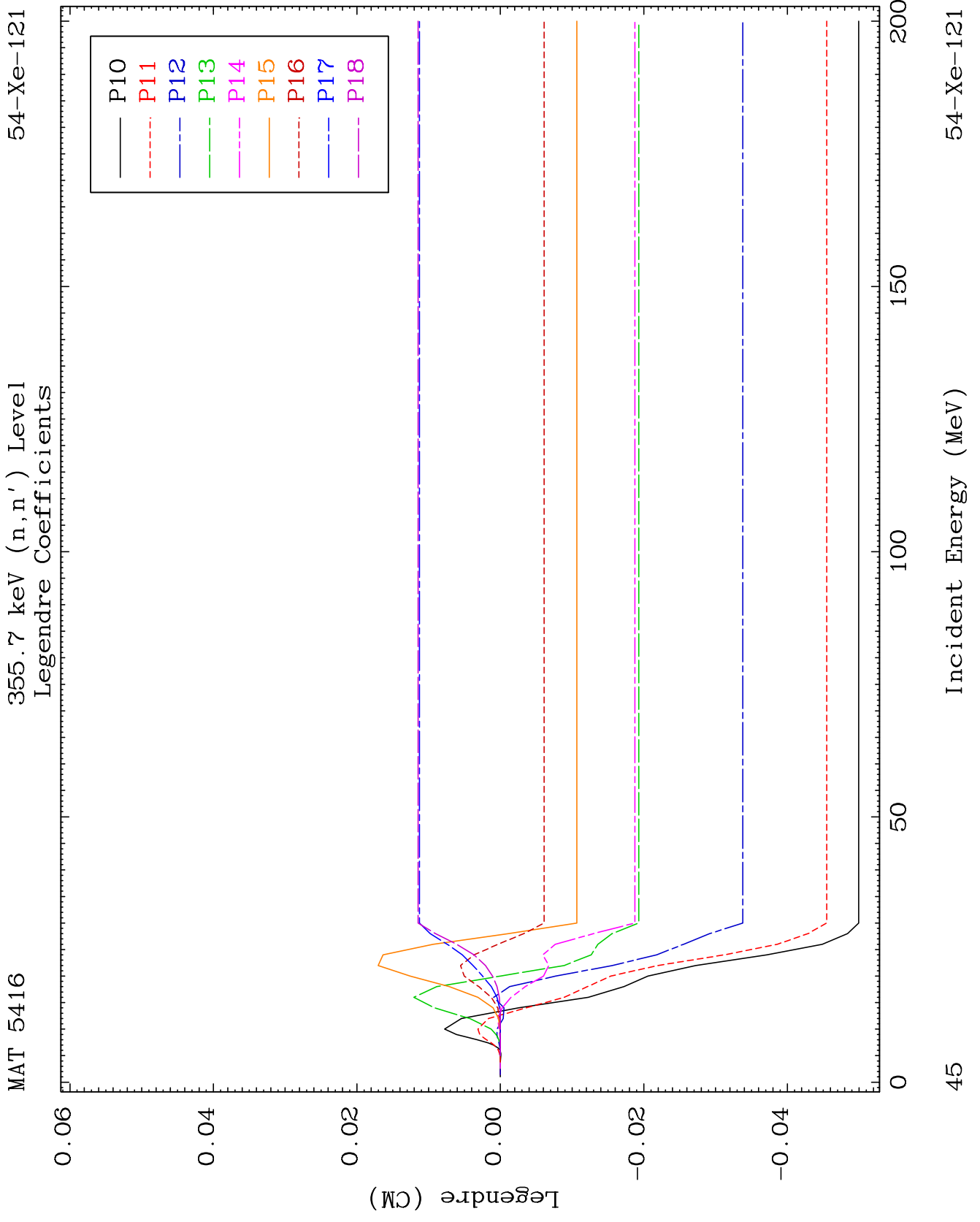
54-Xe-121

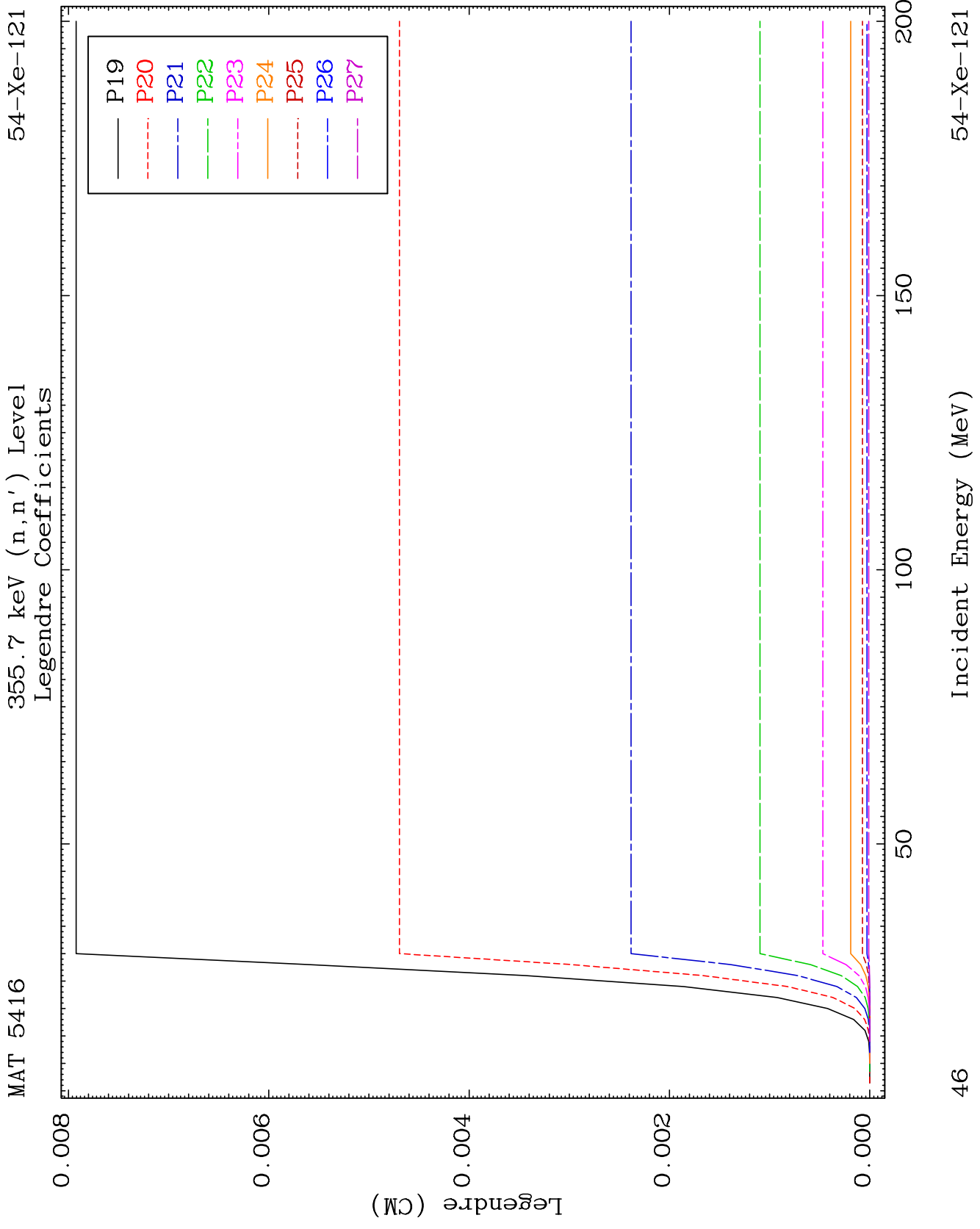


54-Xe-121

Incident Energy (MeV)

44

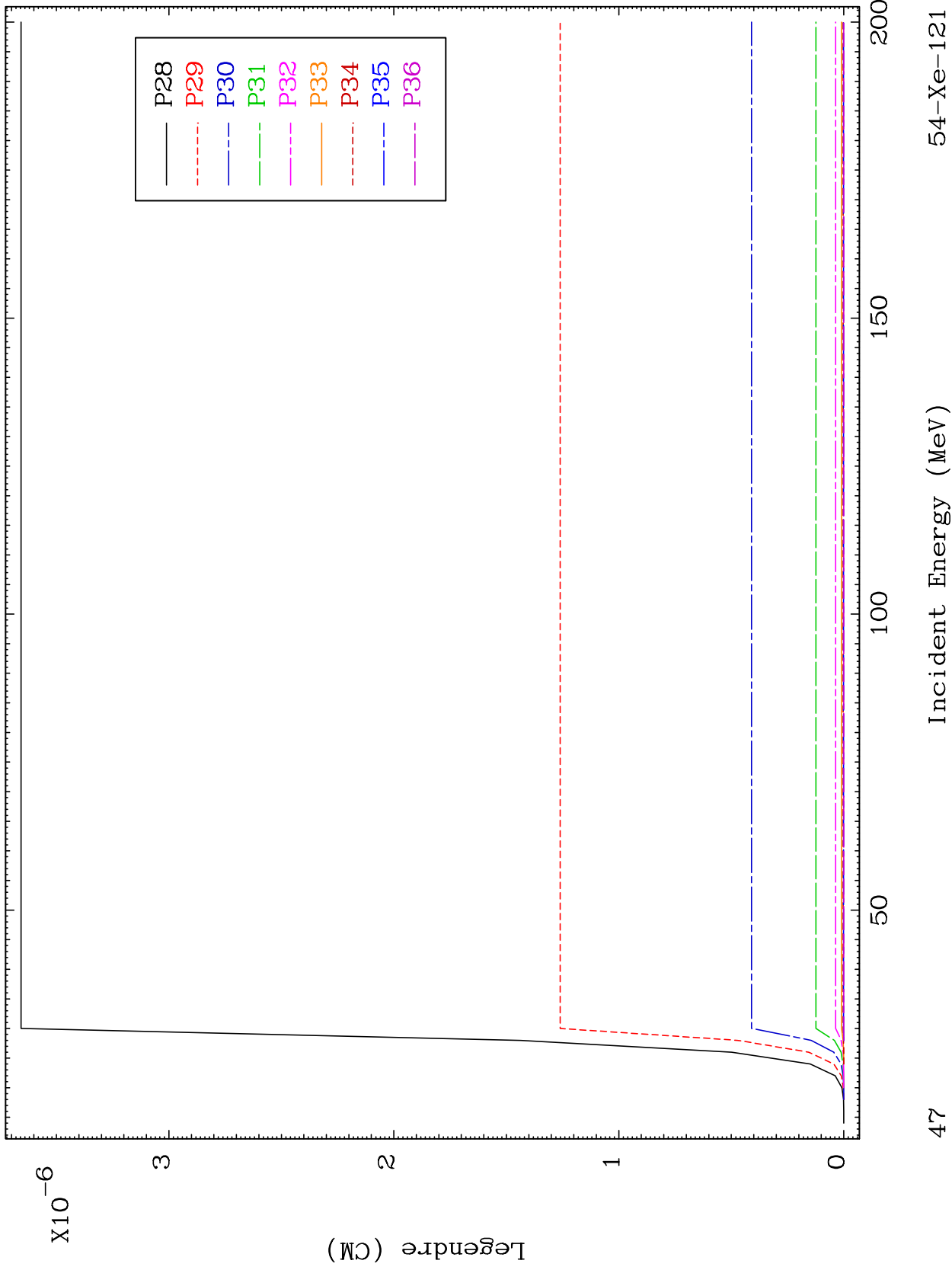




MAT 5416

355.7 keV (n,n') Level
Legendre Coefficients

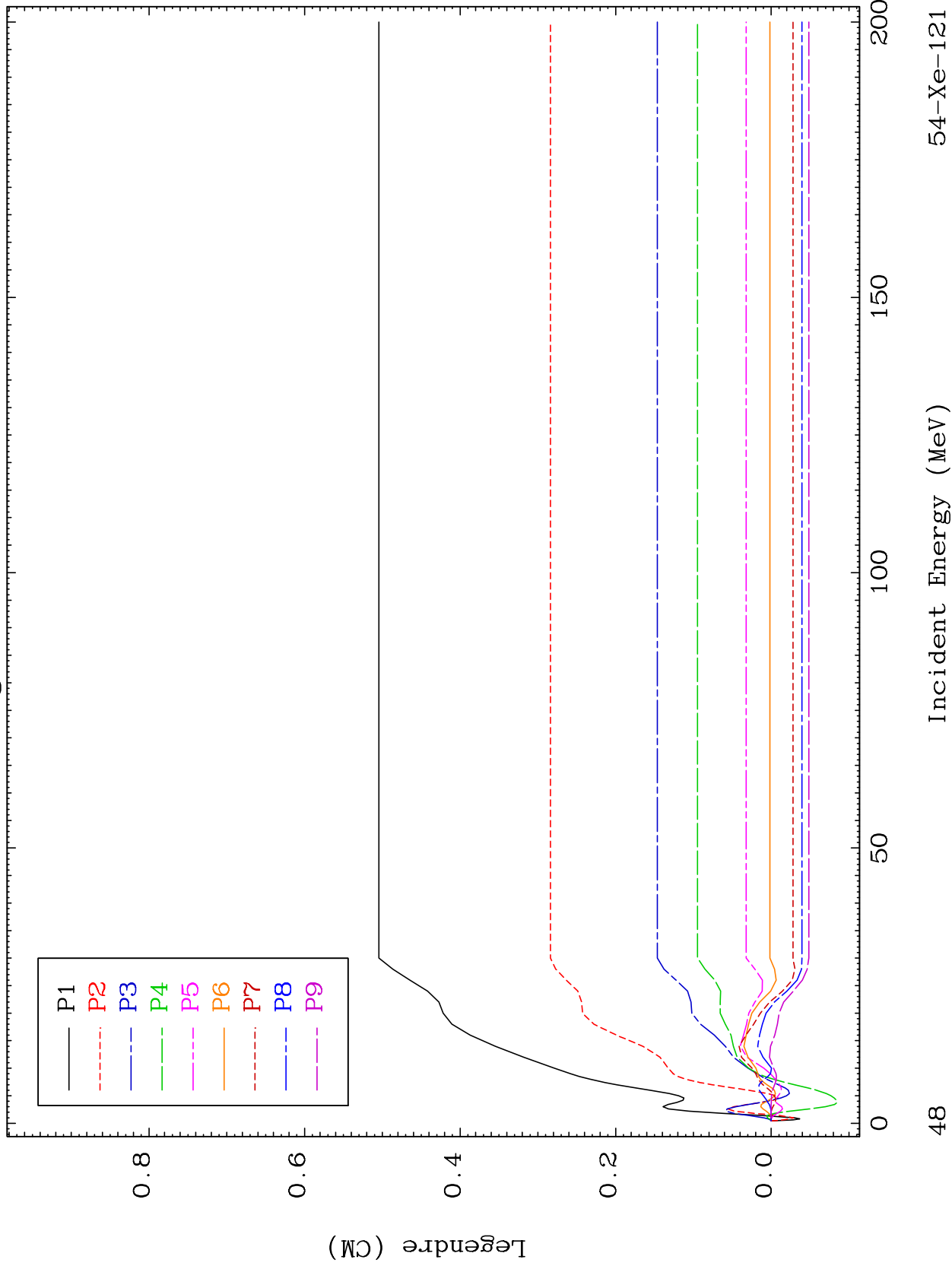
54-Xe-121



MAT 5416

414.3 keV (n,n') Level
Legendre Coefficients

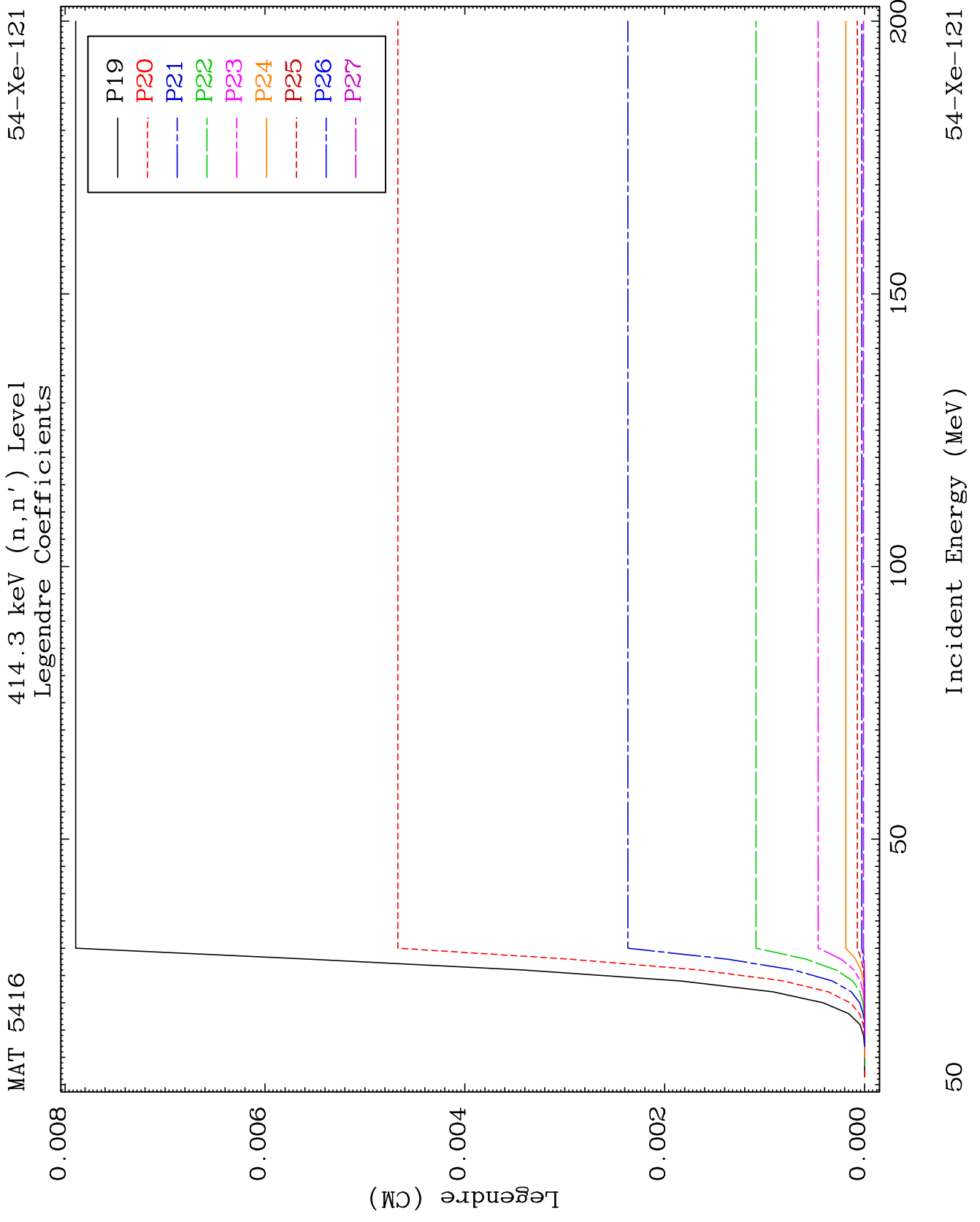
54-Xe-121



54-Xe-121

Incident Energy (MeV)

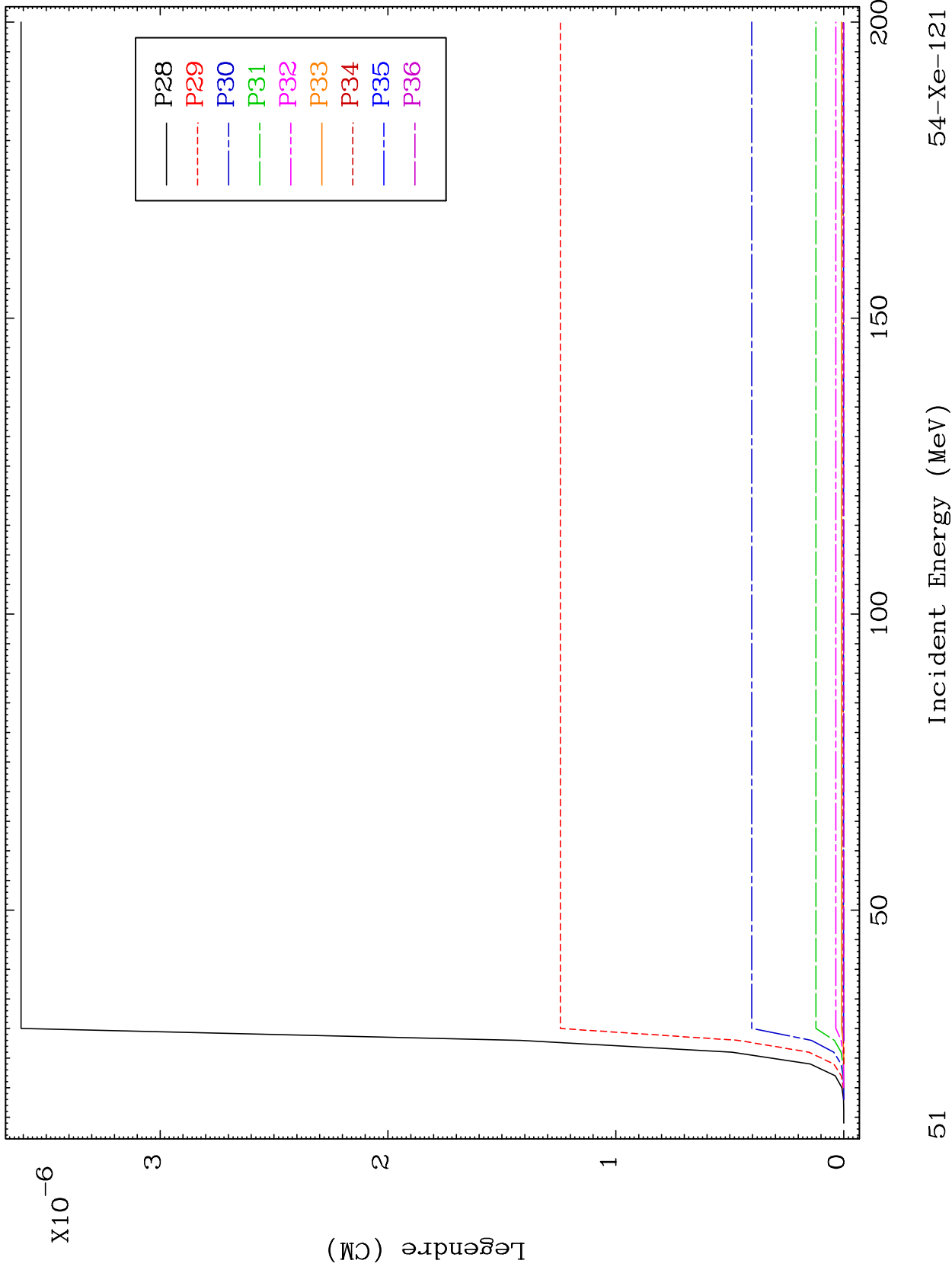
48



MAT 5416

414.3 keV (n, n') Level
Legendre Coefficients

54-Xe-121



51

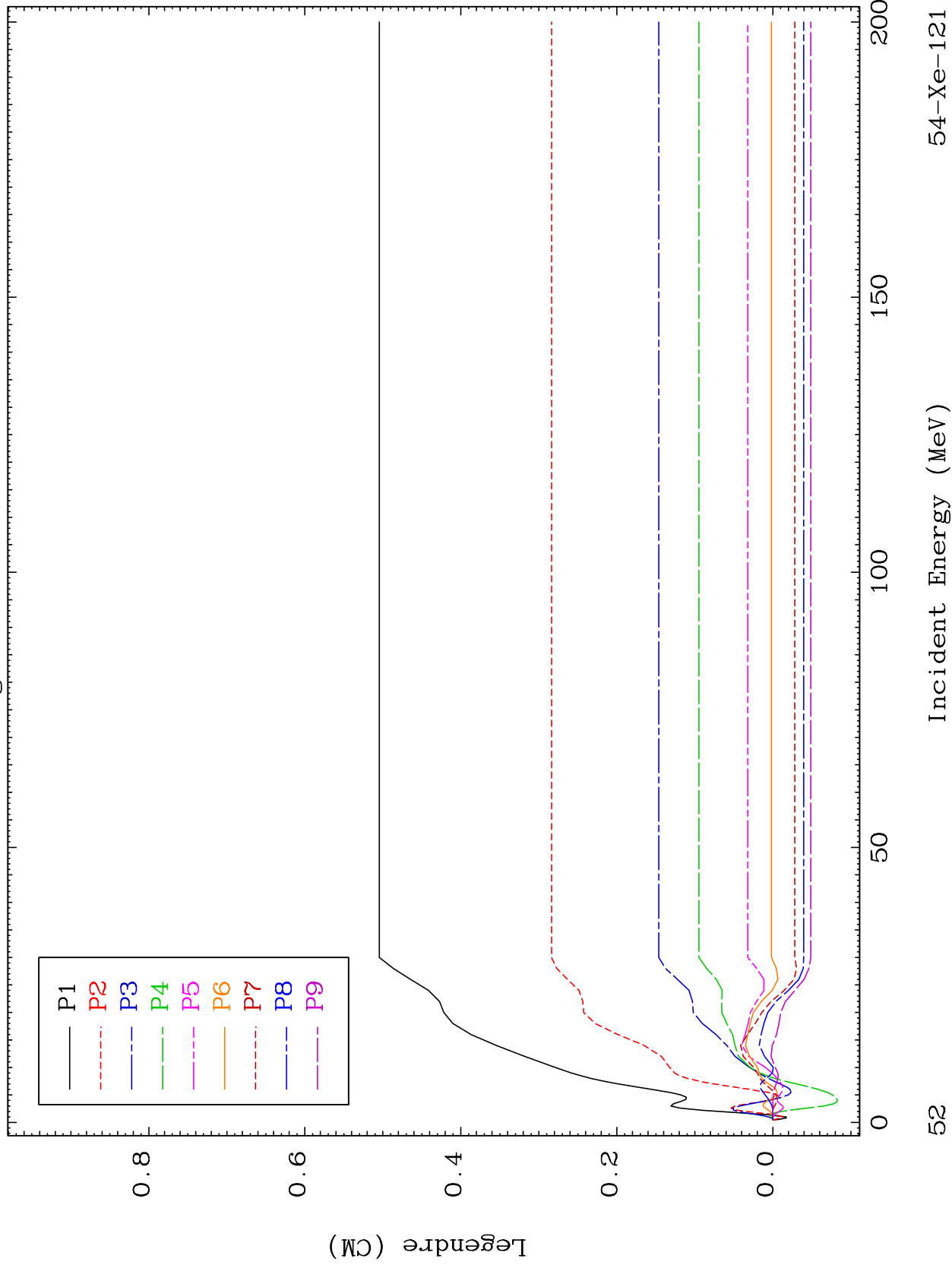
Incident Energy (MeV)

54-Xe-121

MAT 5416

427.2 keV (n,n') Level
Legendre Coefficients

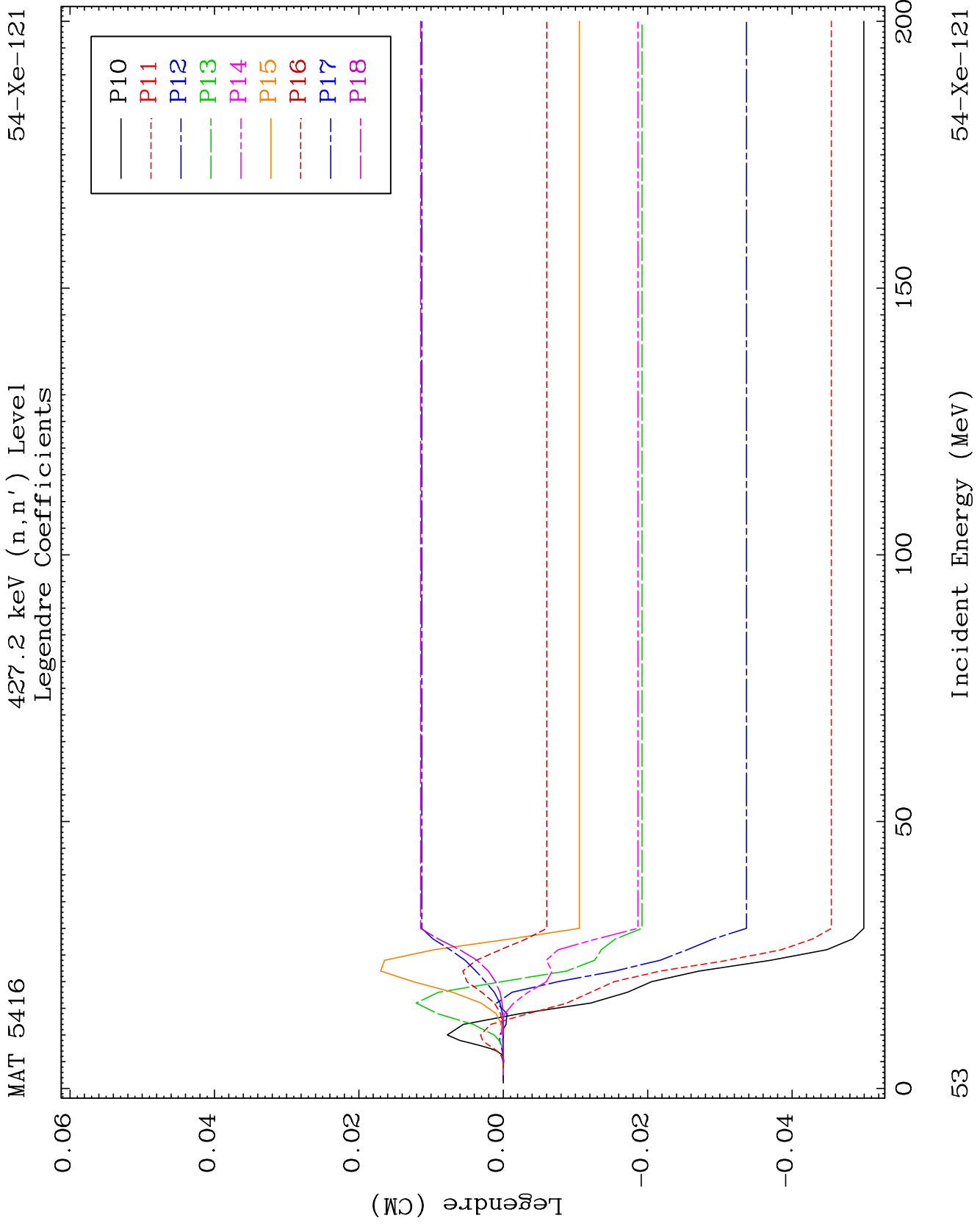
54-Xe-121



54-Xe-121

Incident Energy (MeV)

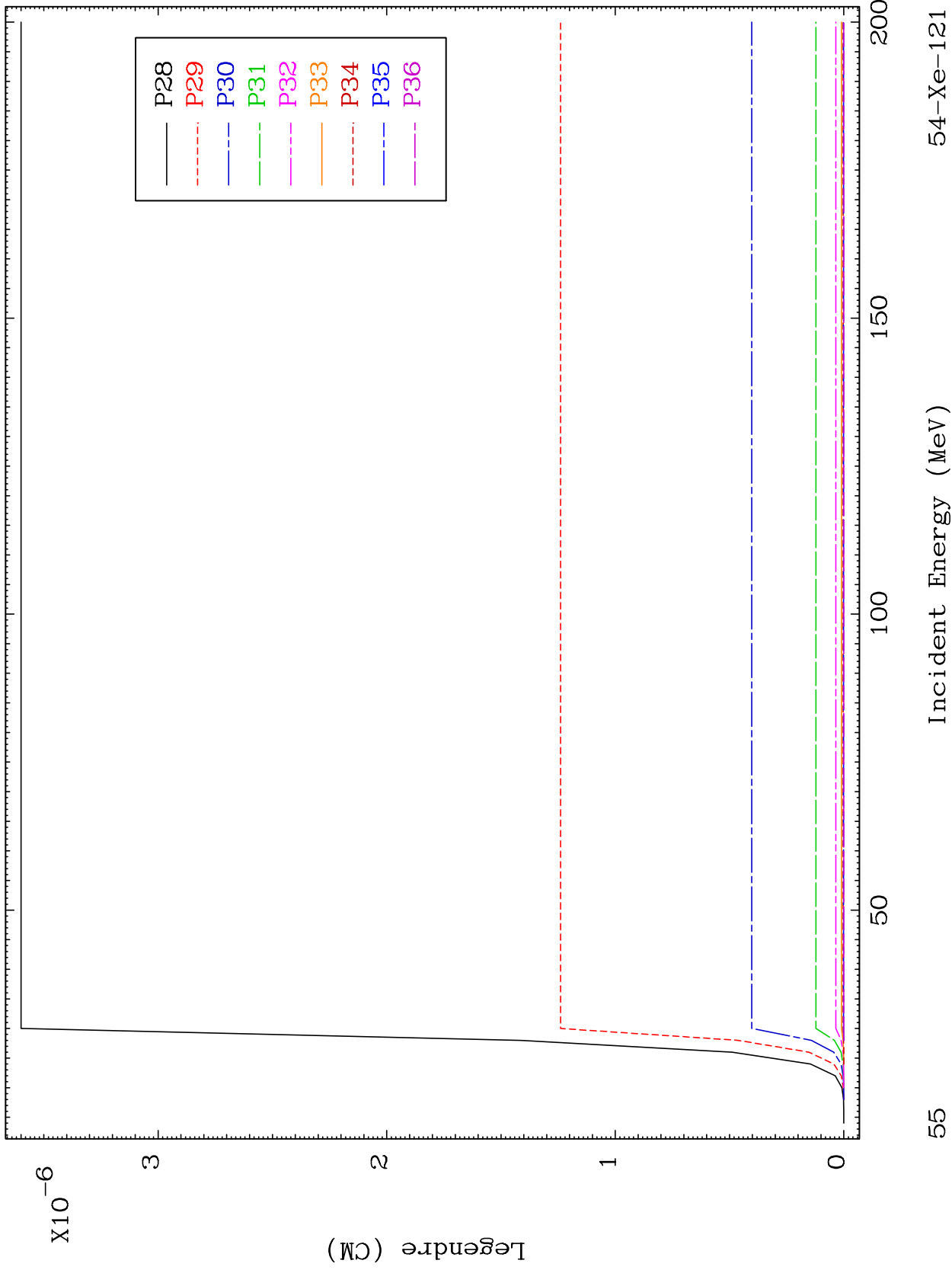
52



MAT 5416

427.2 keV (n, n') Level
Legendre Coefficients

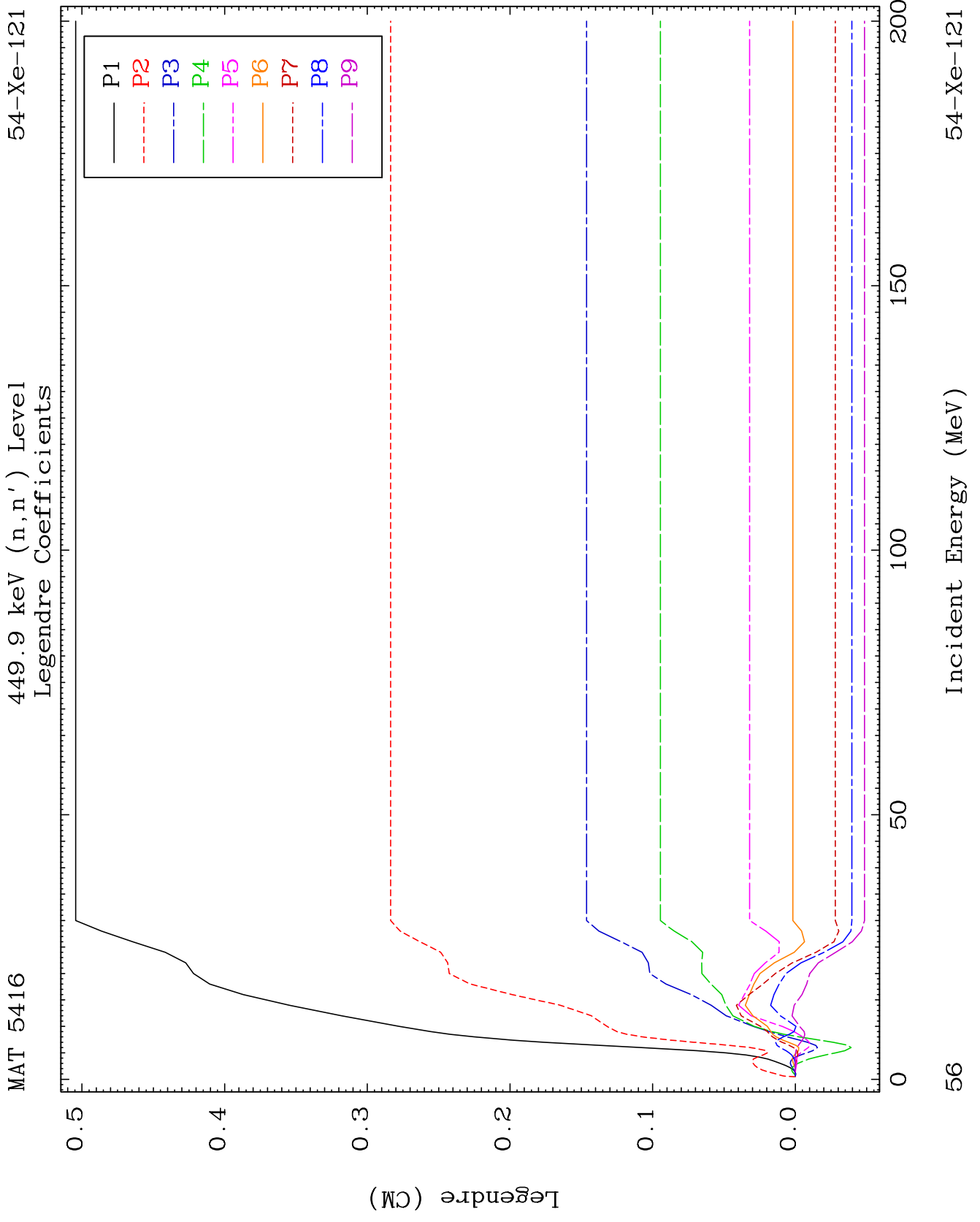
54-Xe-121

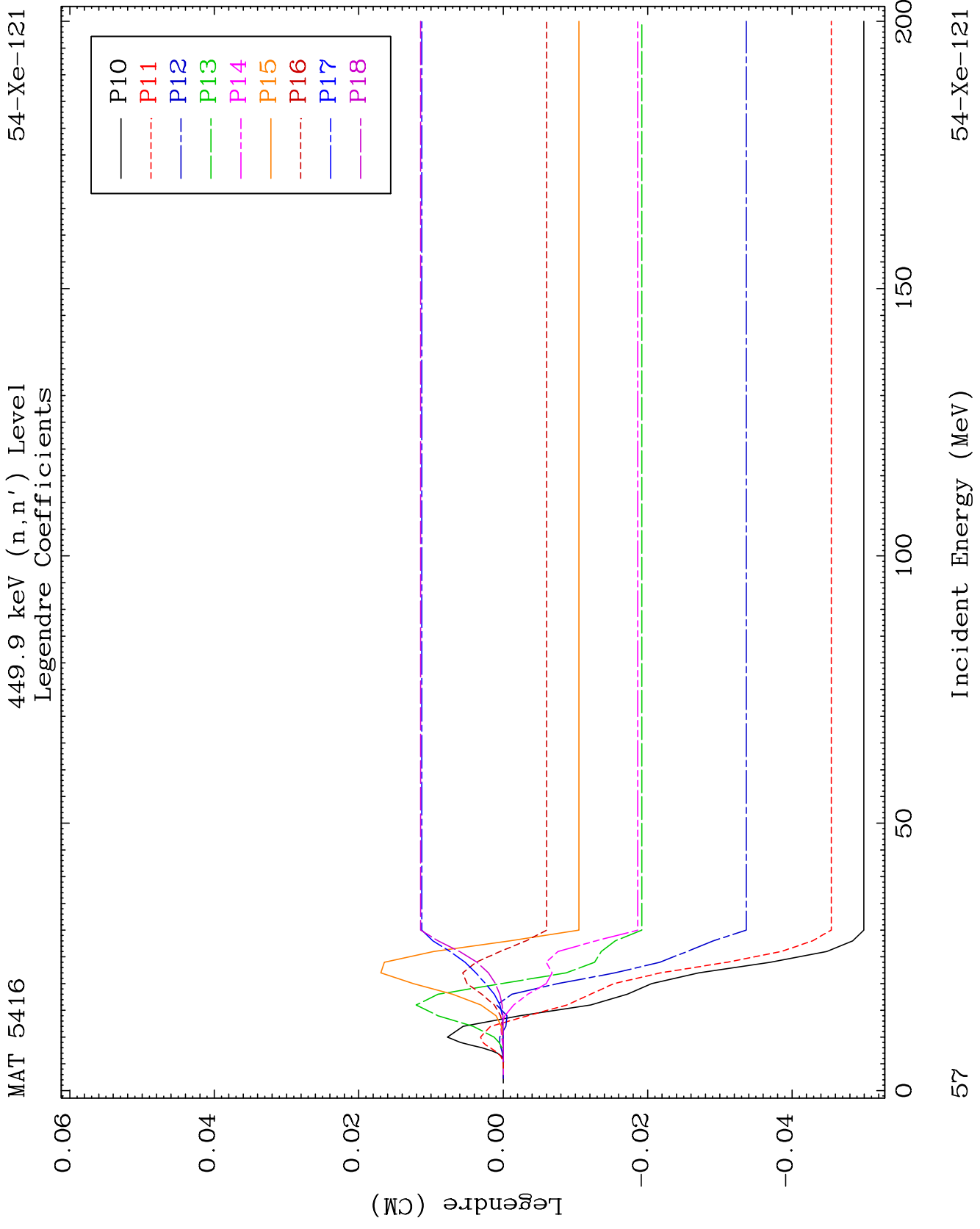


55

Incident Energy (MeV)

54-Xe-121

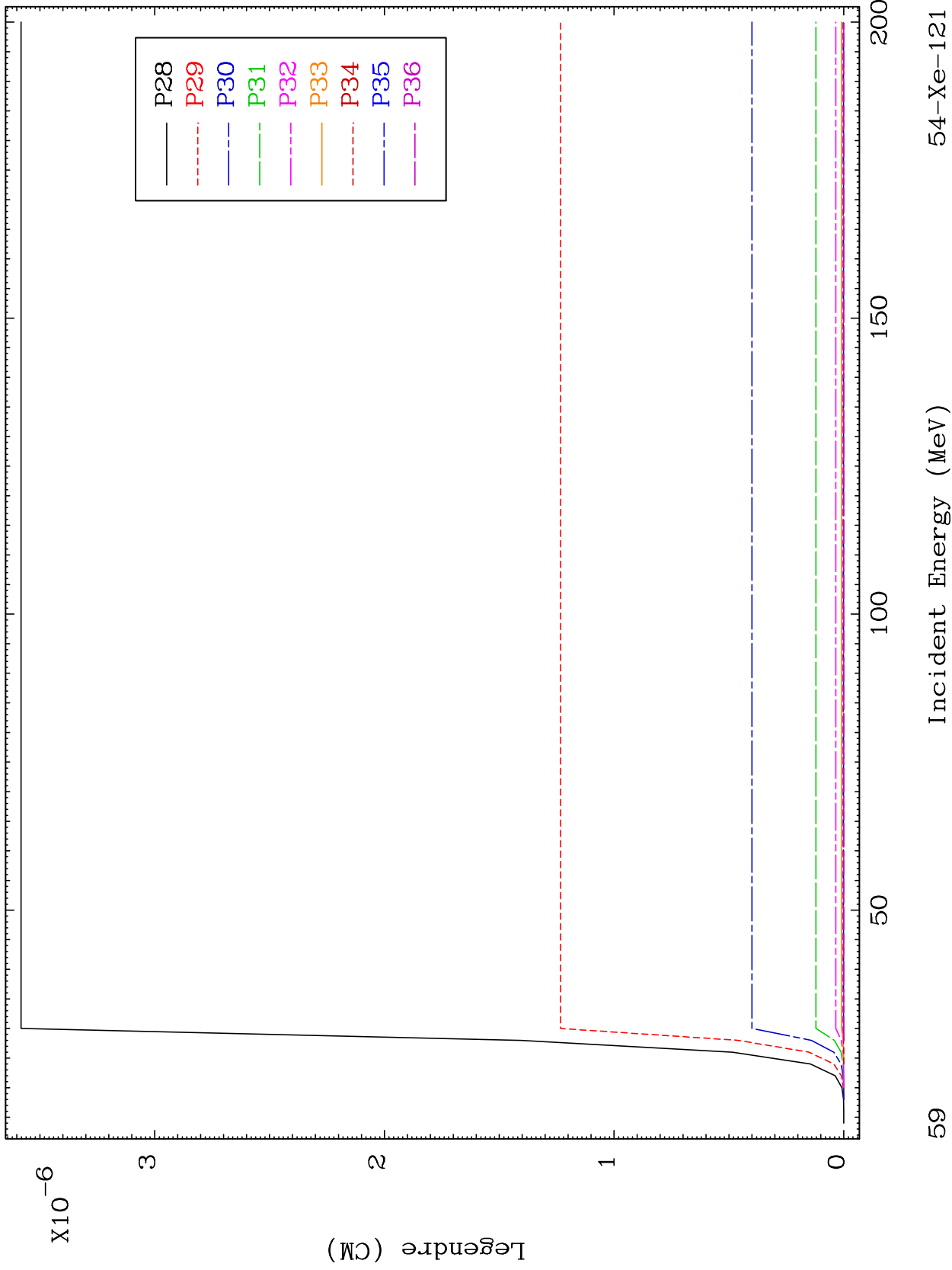




MAT 5416

449.9 keV (n, n') Level
Legendre Coefficients

54-Xe-121



59

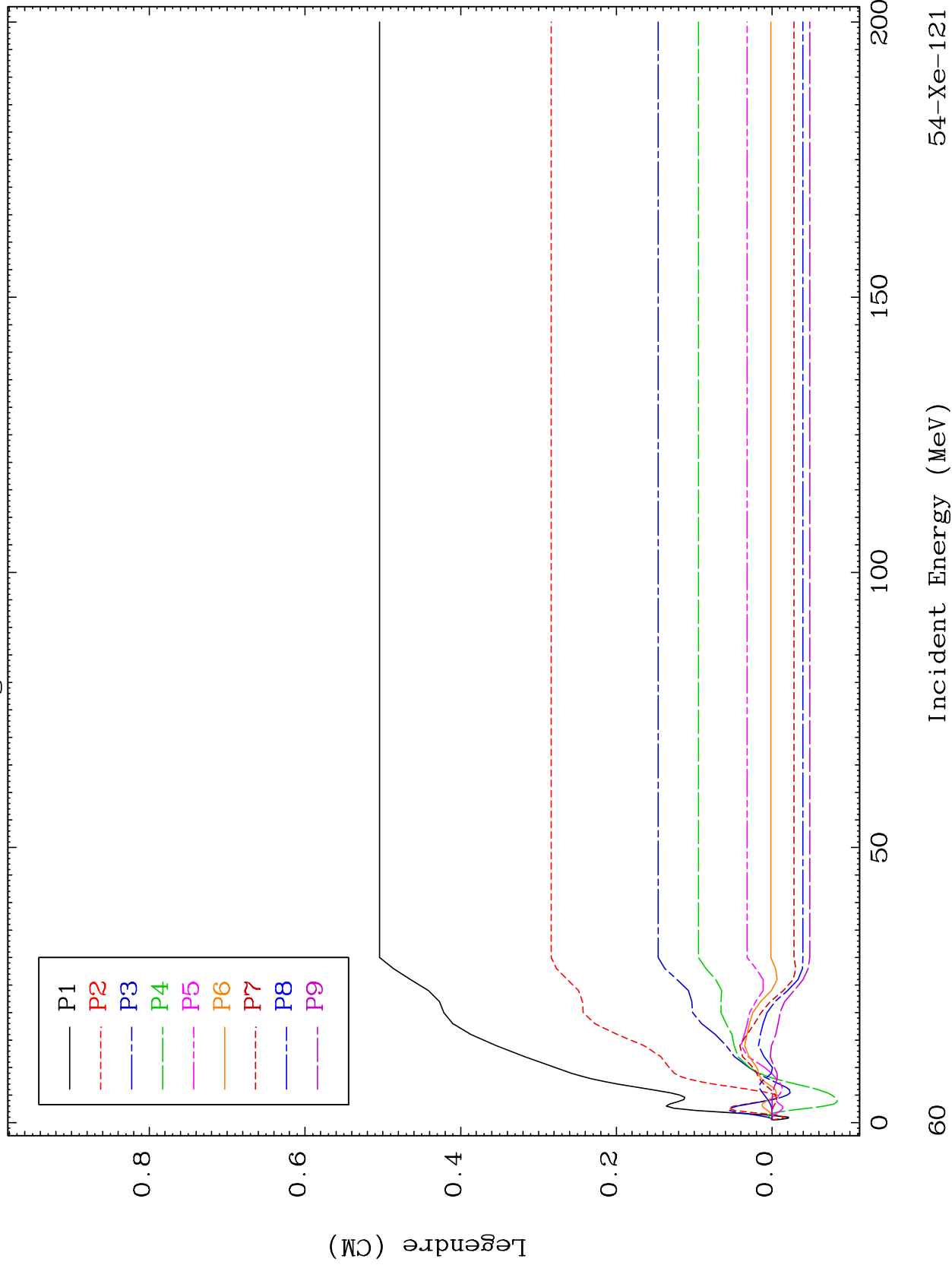
Incident Energy (MeV)

54-Xe-121

MAT 5416

459.6 keV (n,n') Level
Legendre Coefficients

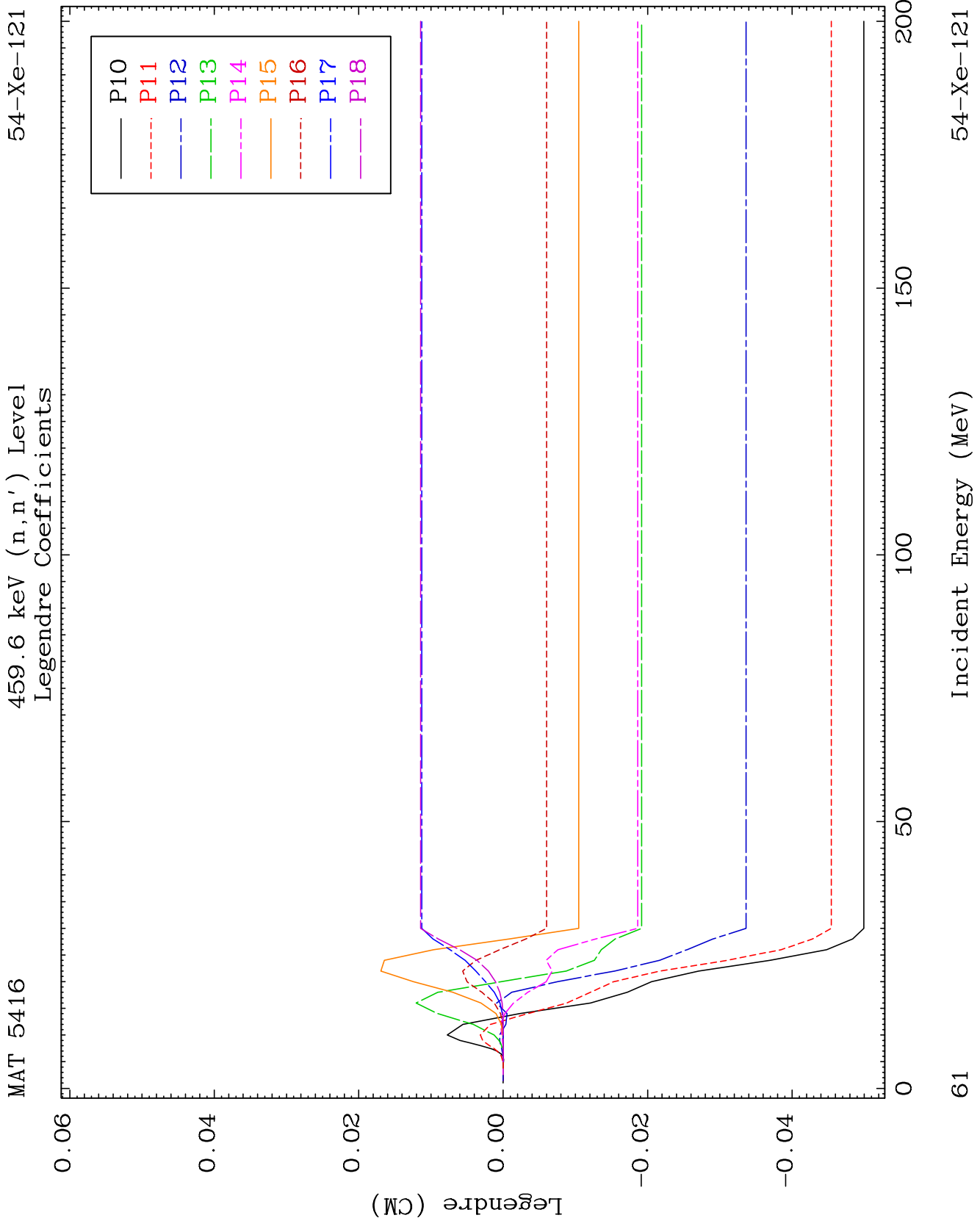
54-Xe-121

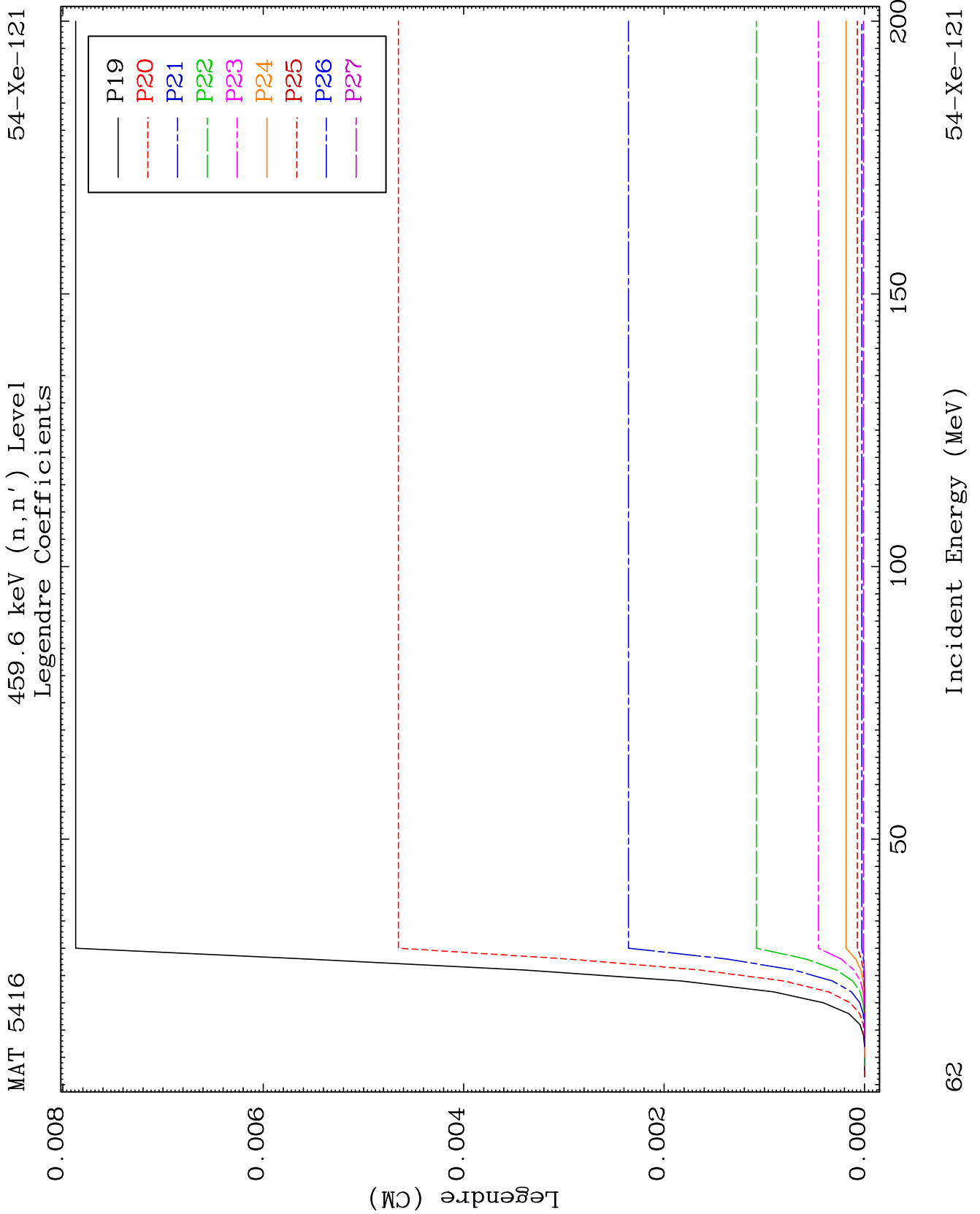


54-Xe-121

Incident Energy (MeV)

60

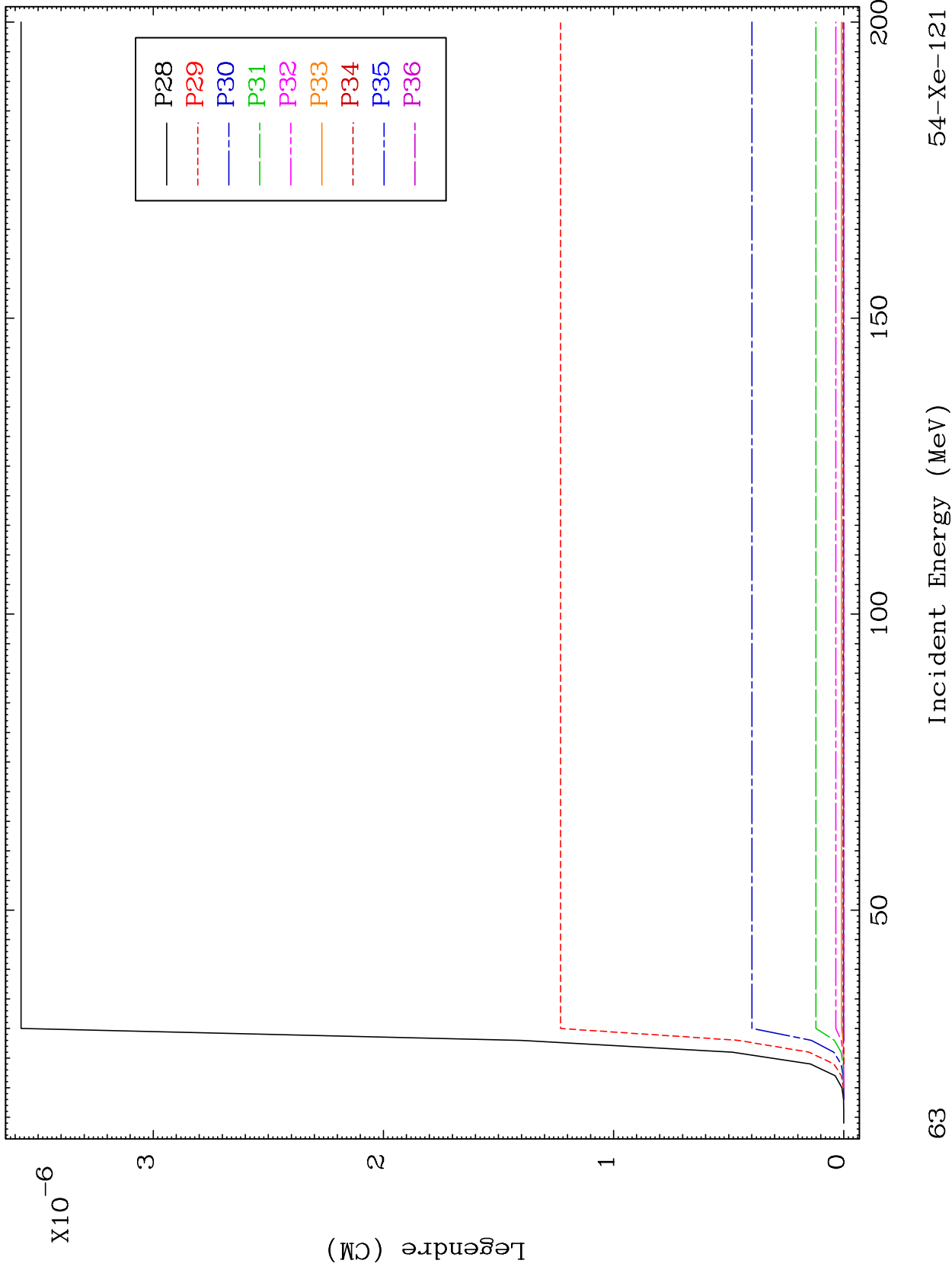




MAT 5416

459.6 keV (n,n') Level
Legendre Coefficients

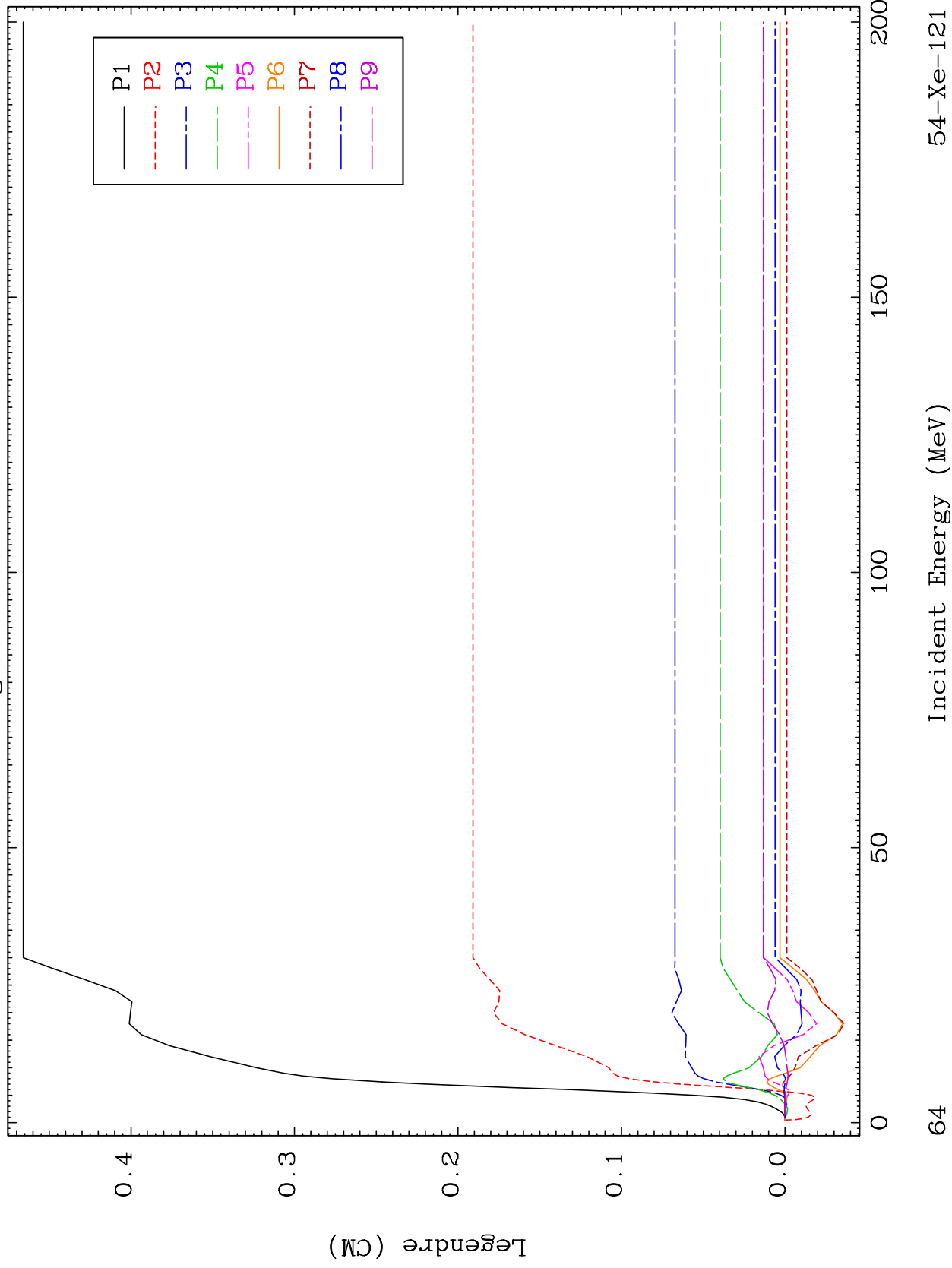
54-Xe-121



MAT 5416

476.2 keV (n,n') Level
Legendre Coefficients

54-Xe-121



54-Xe-121

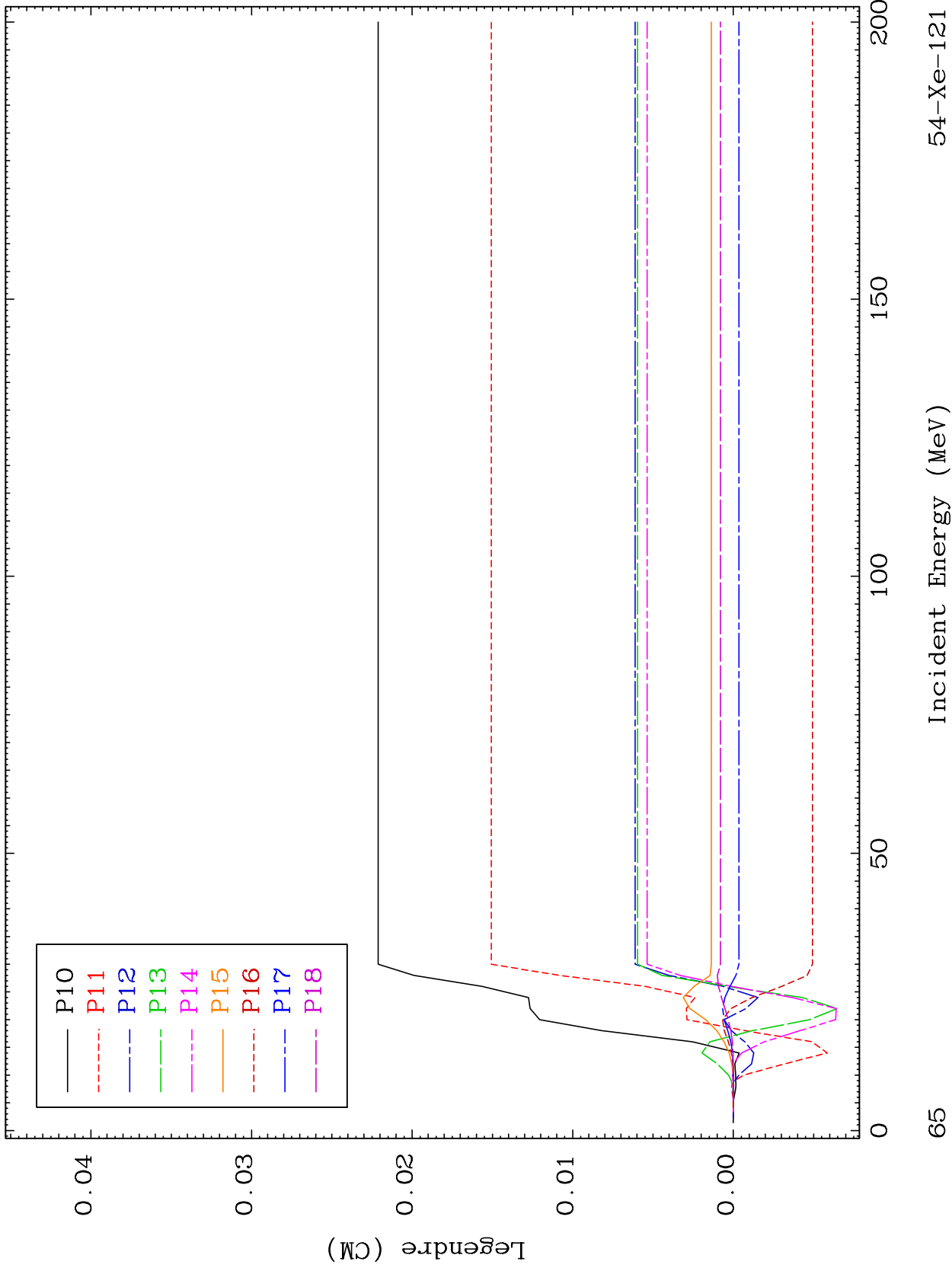
Incident Energy (MeV)

64

MAT 5416

476.2 keV (n,n') Level
Legendre Coefficients

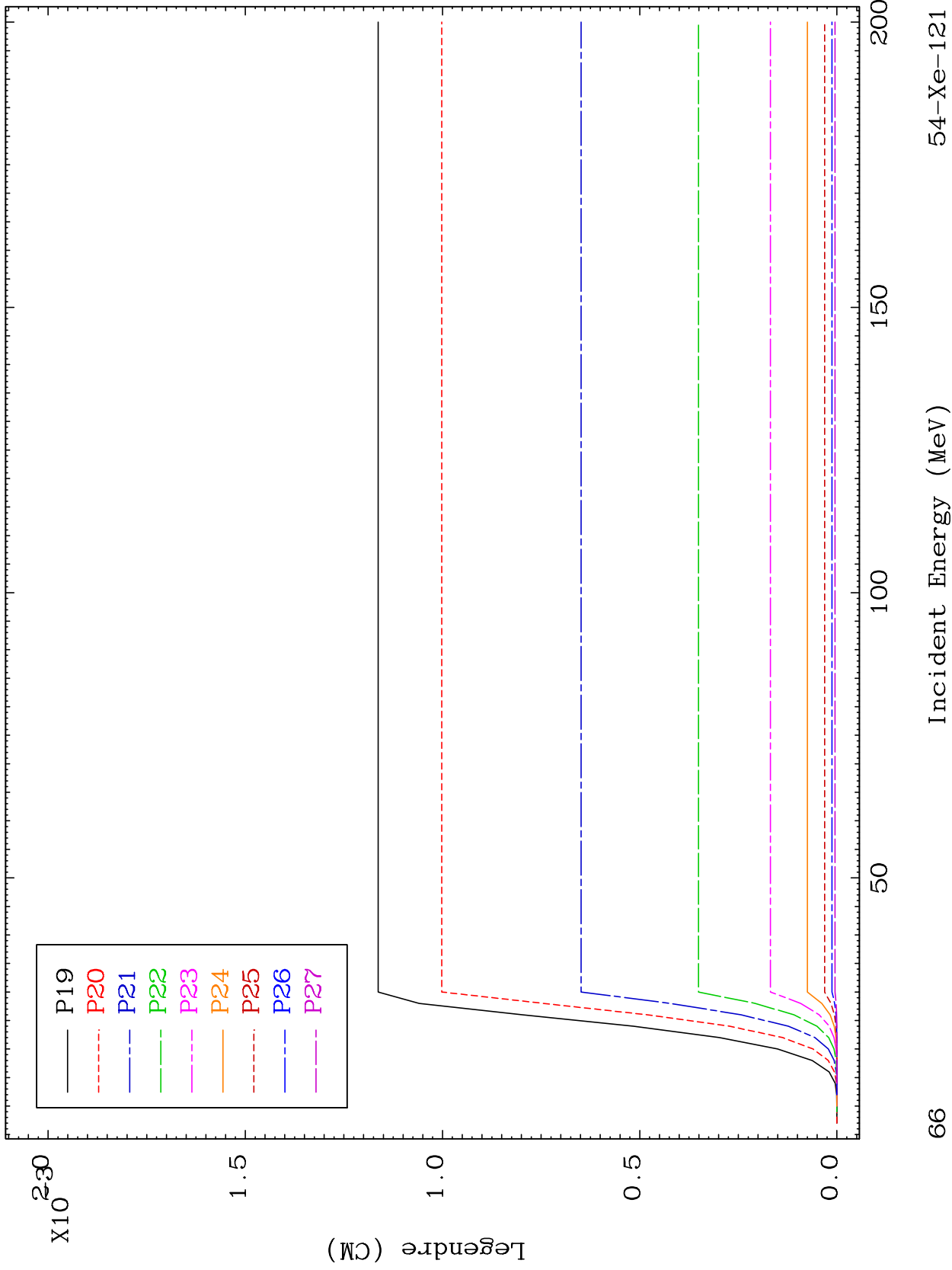
54-Xe-121



54-Xe-121

Incident Energy (MeV)

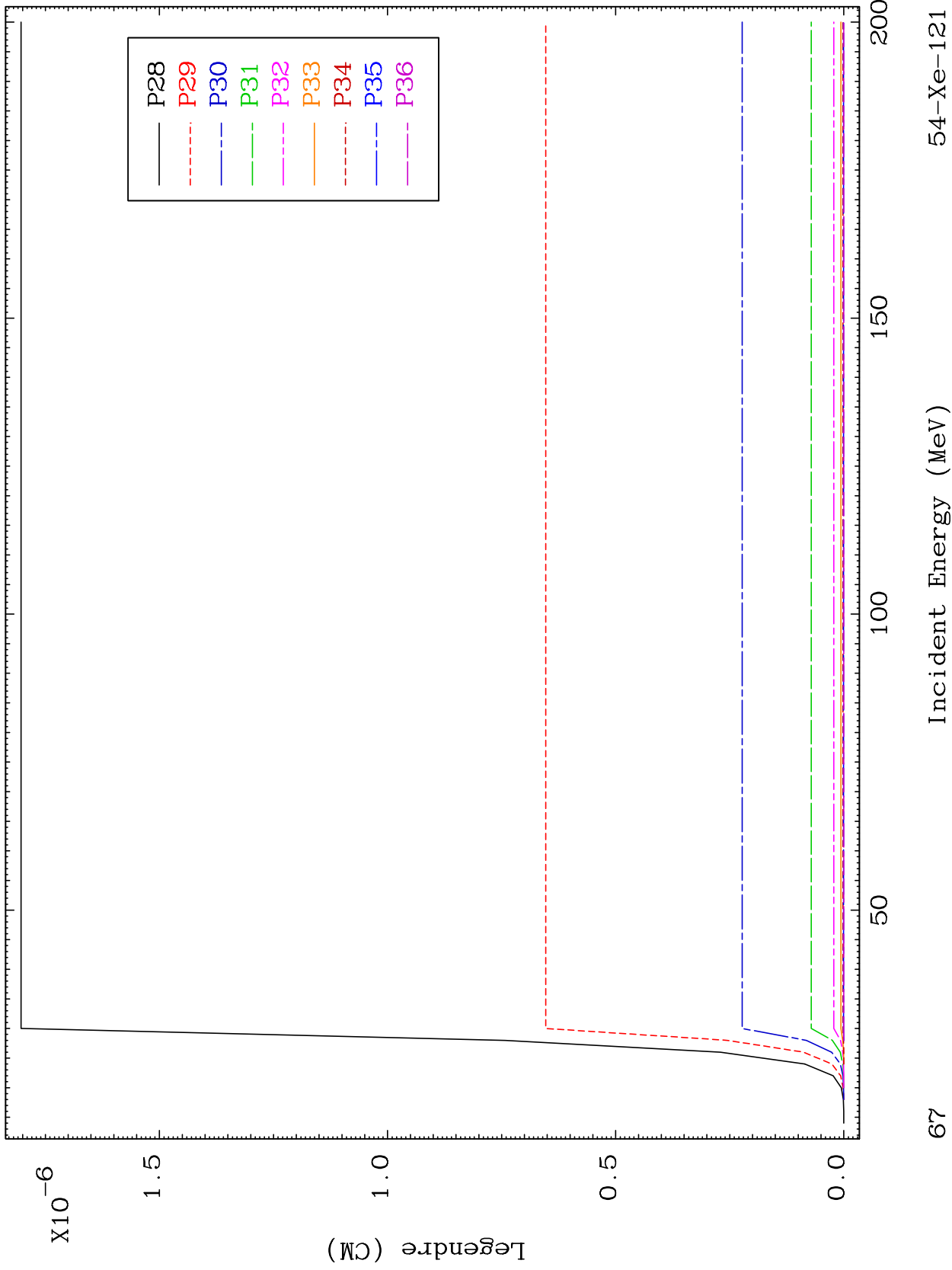
65



MAT 5416

476.2 keV (n,n') Level
Legendre Coefficients

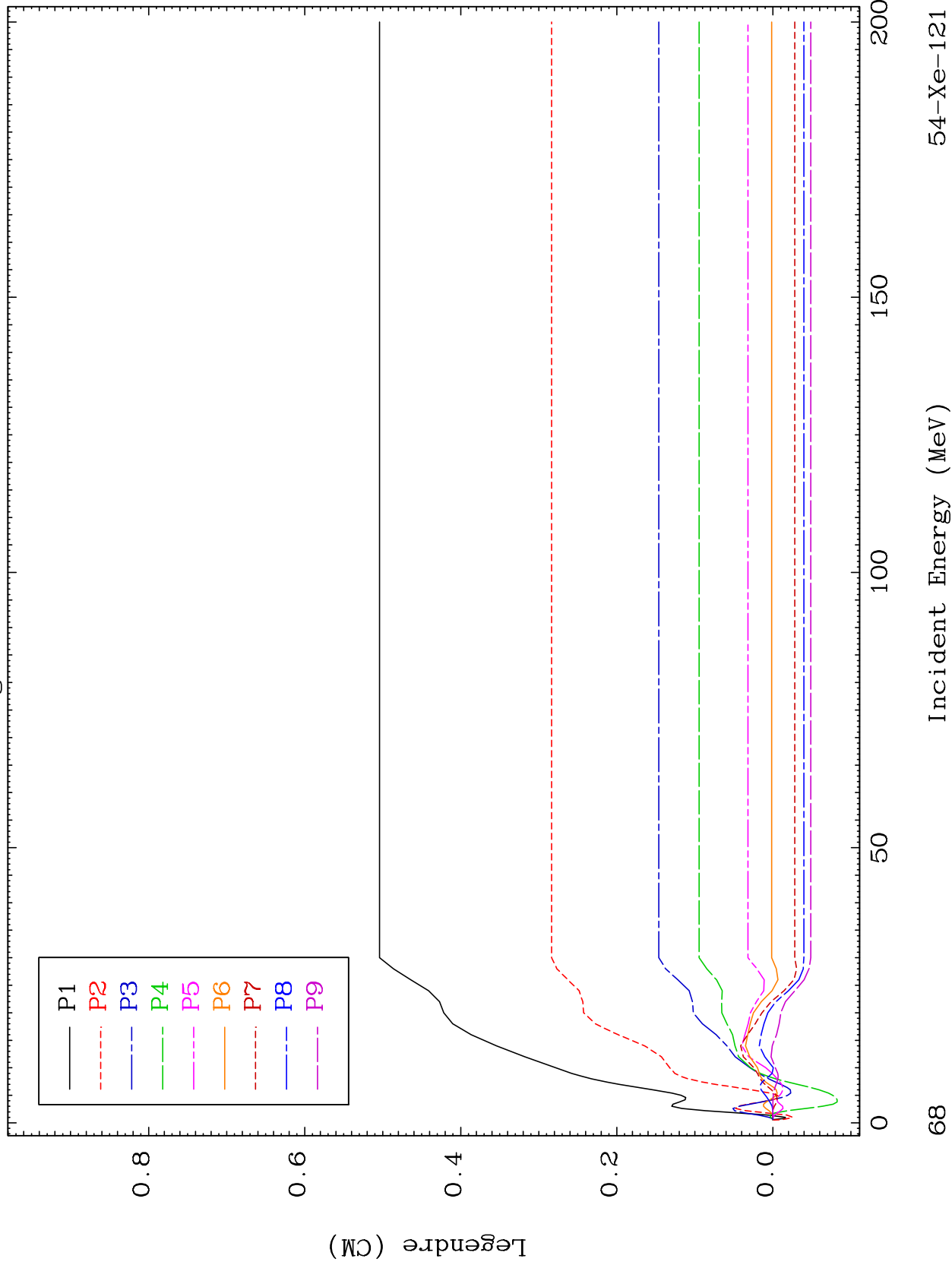
54-Xe-121



MAT 5416

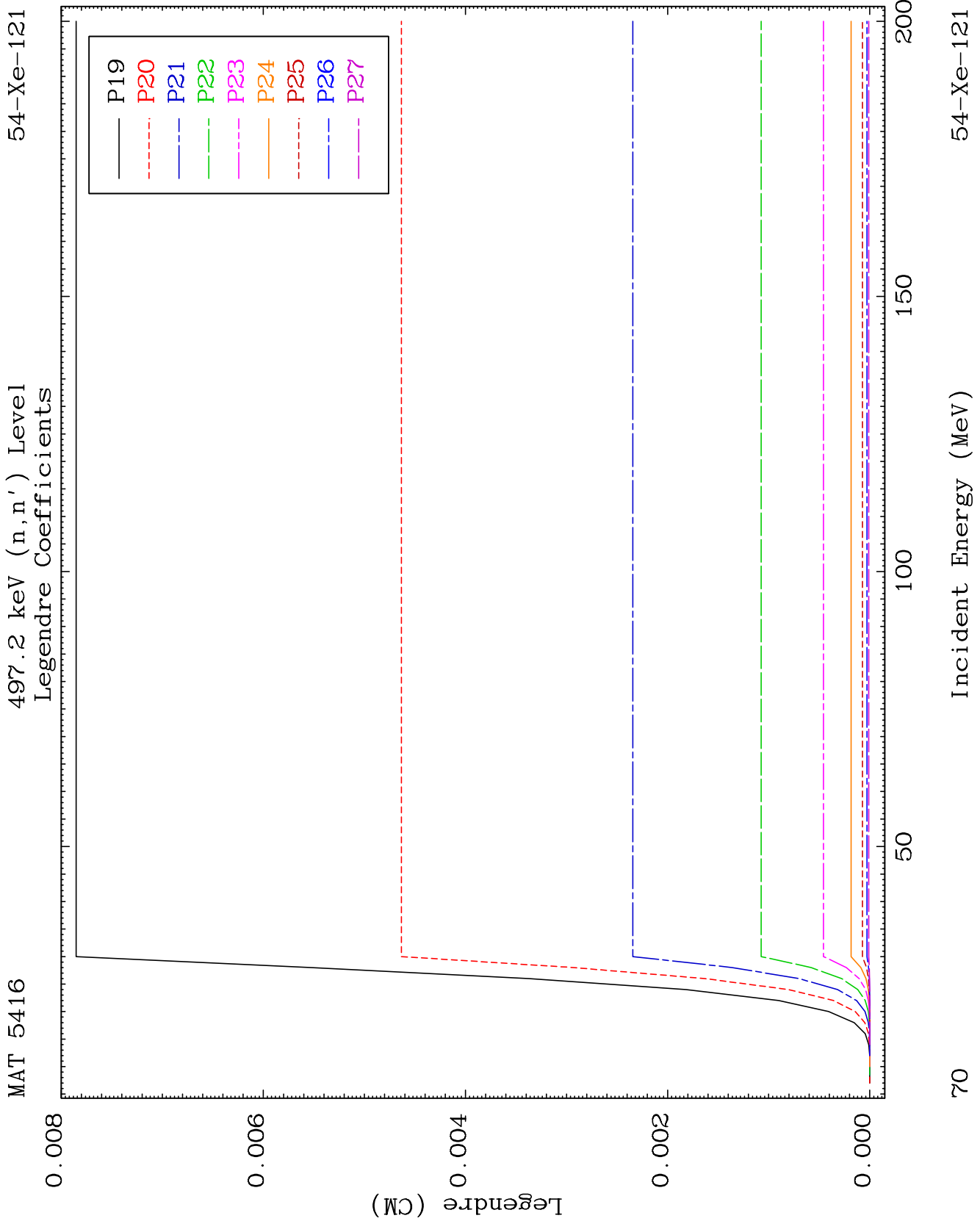
497.2 keV (n,n') Level
Legendre Coefficients

54-Xe-121



68

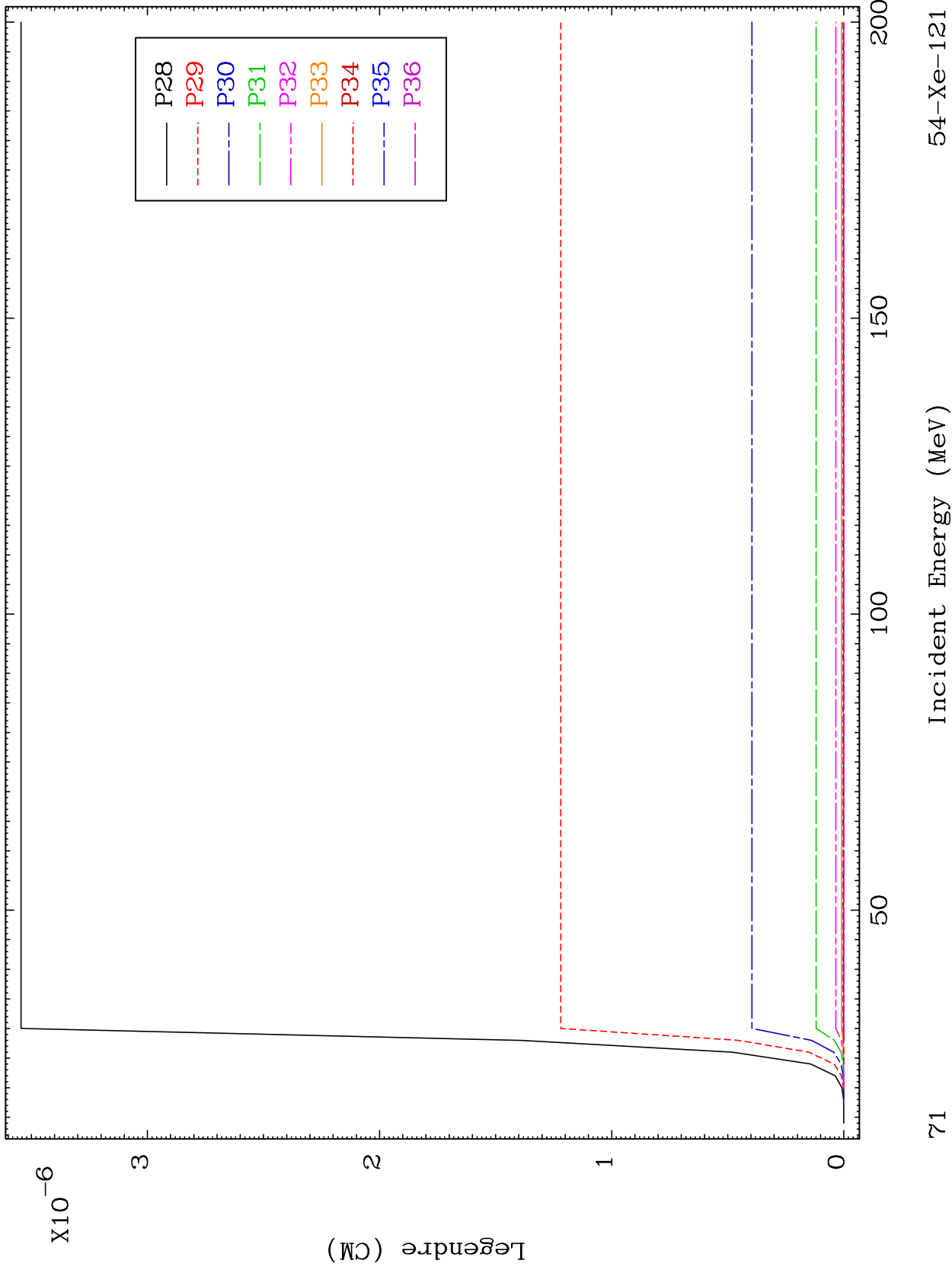
54-Xe-121



MAT 5416

497.2 keV (n, n') Level
Legendre Coefficients

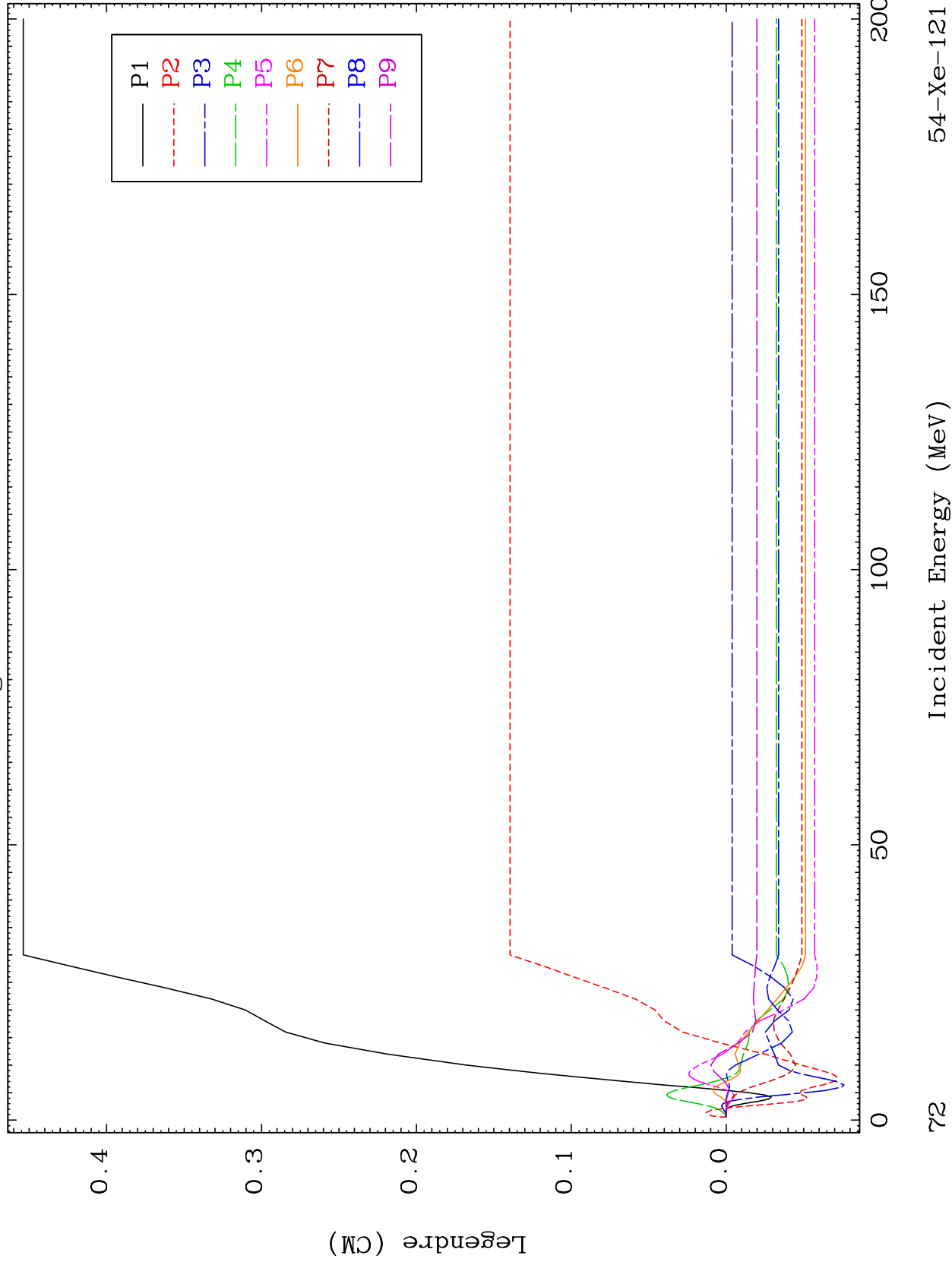
54-Xe-121



MAT 5416

553.1 keV (n,n') Level
Legendre Coefficients

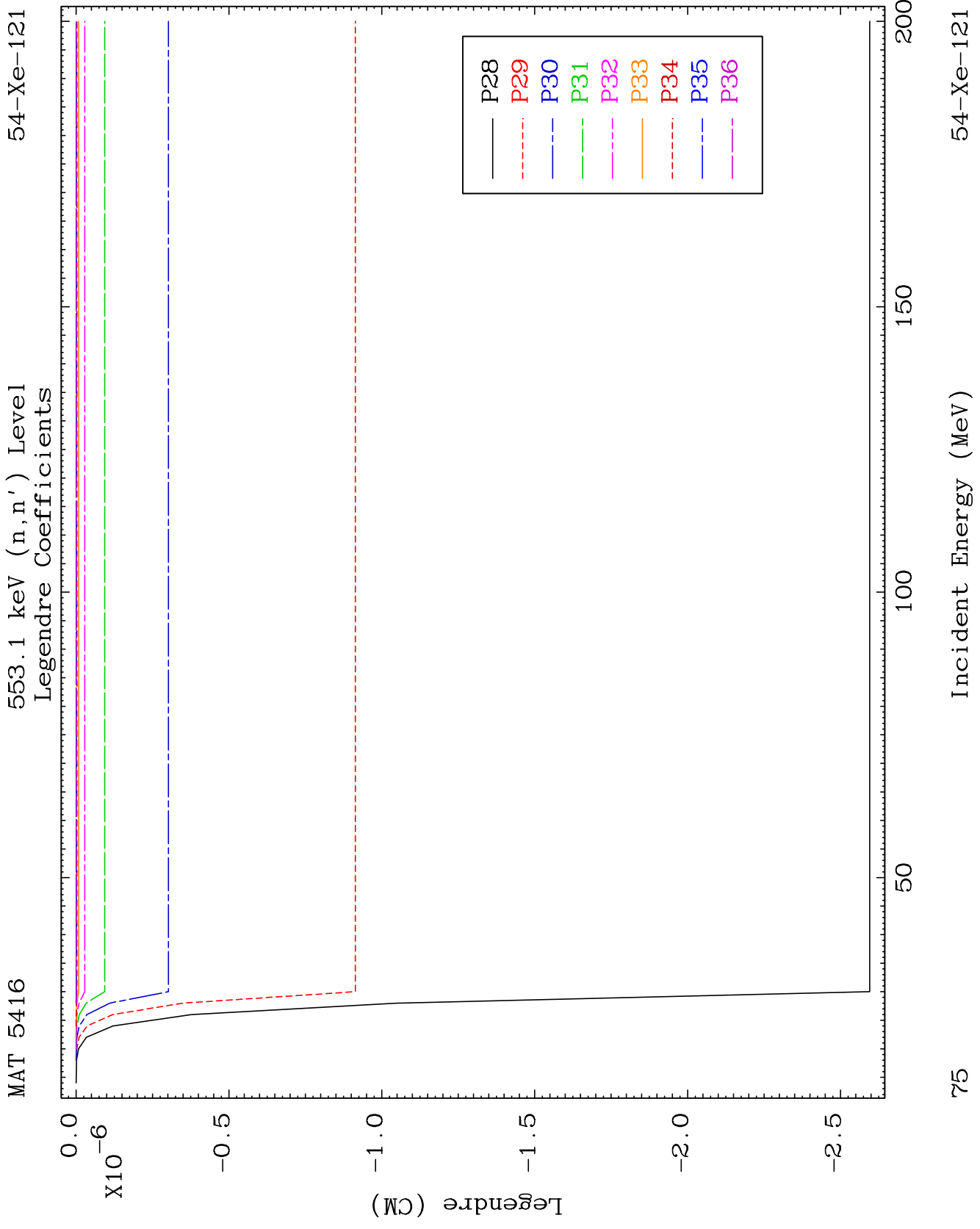
54-Xe-121

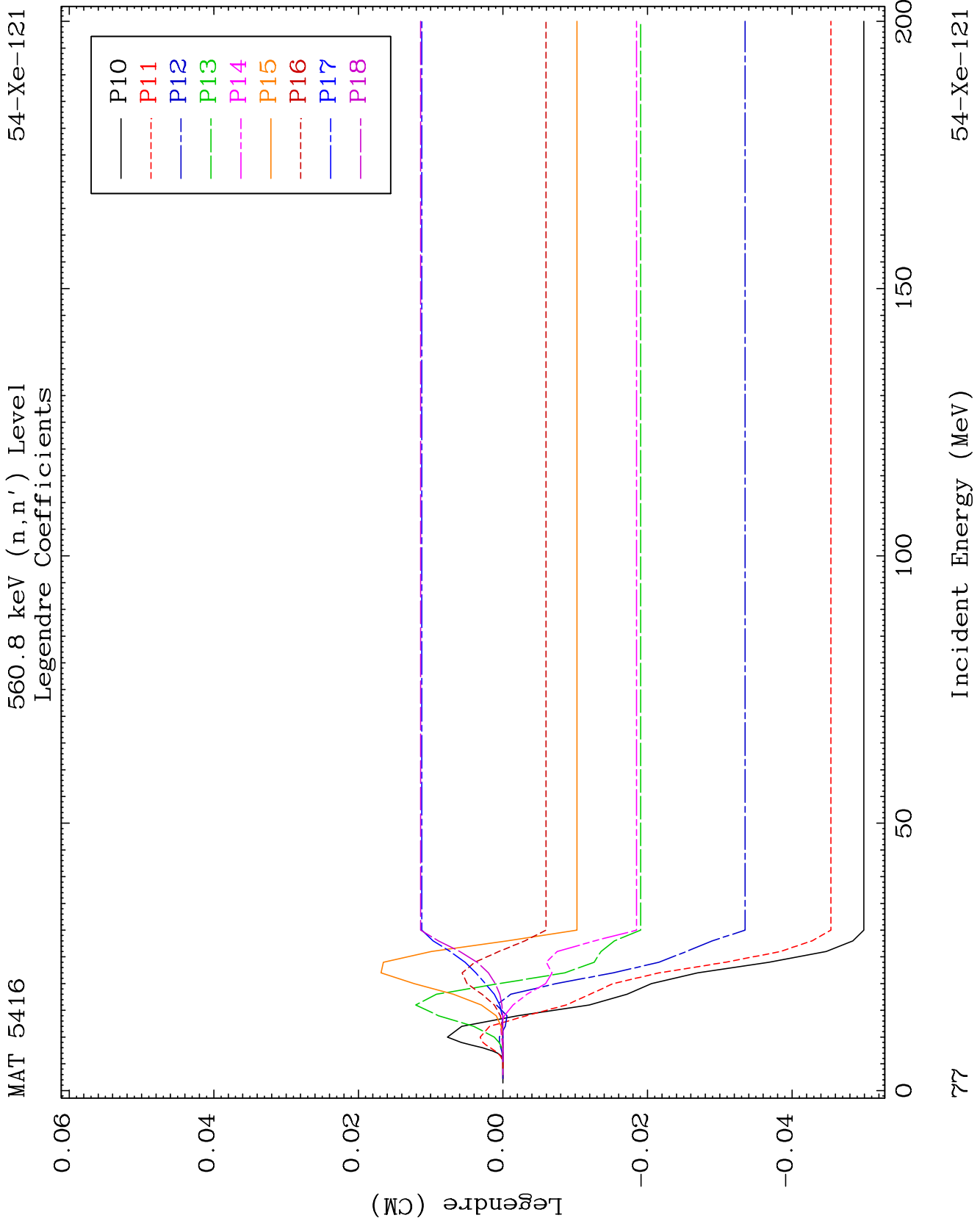


54-Xe-121

Incident Energy (MeV)

72

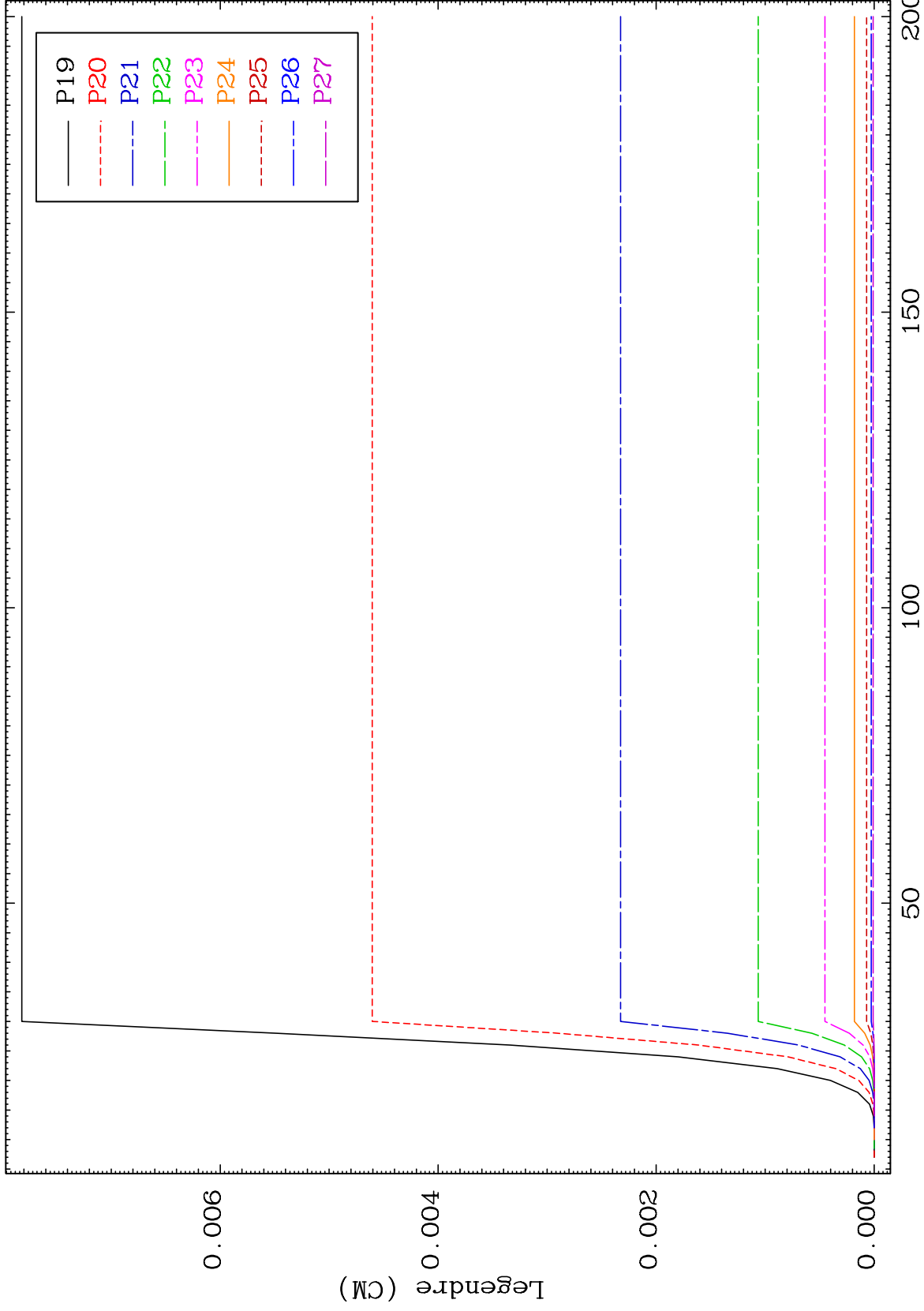




MAT 5416

560.8 keV (n,n') Level
Legendre Coefficients

54-Xe-121



78

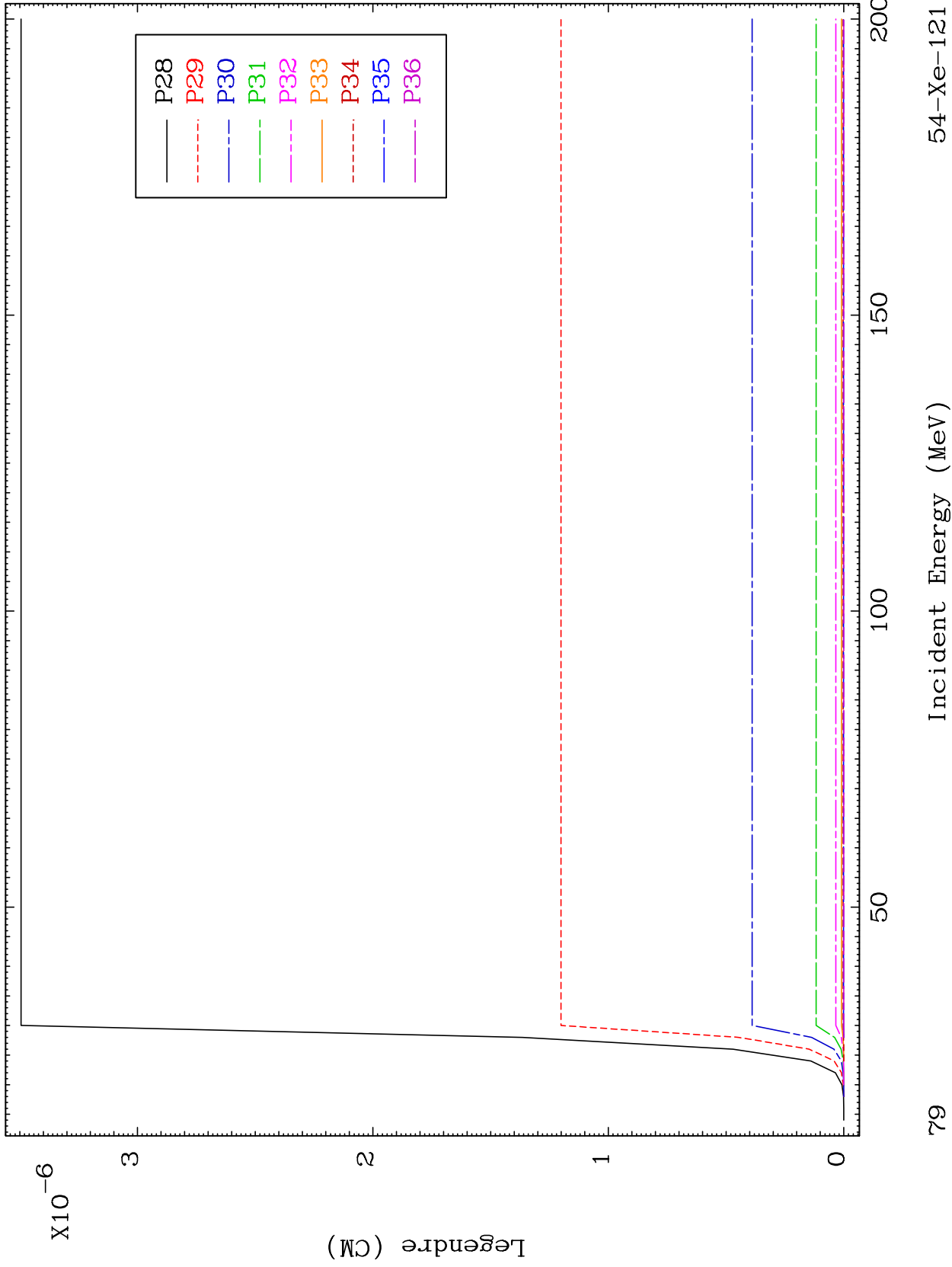
Incident Energy (MeV)

54-Xe-121

MAT 5416

560.8 keV (n, n') Level
Legendre Coefficients

54-Xe-121



79

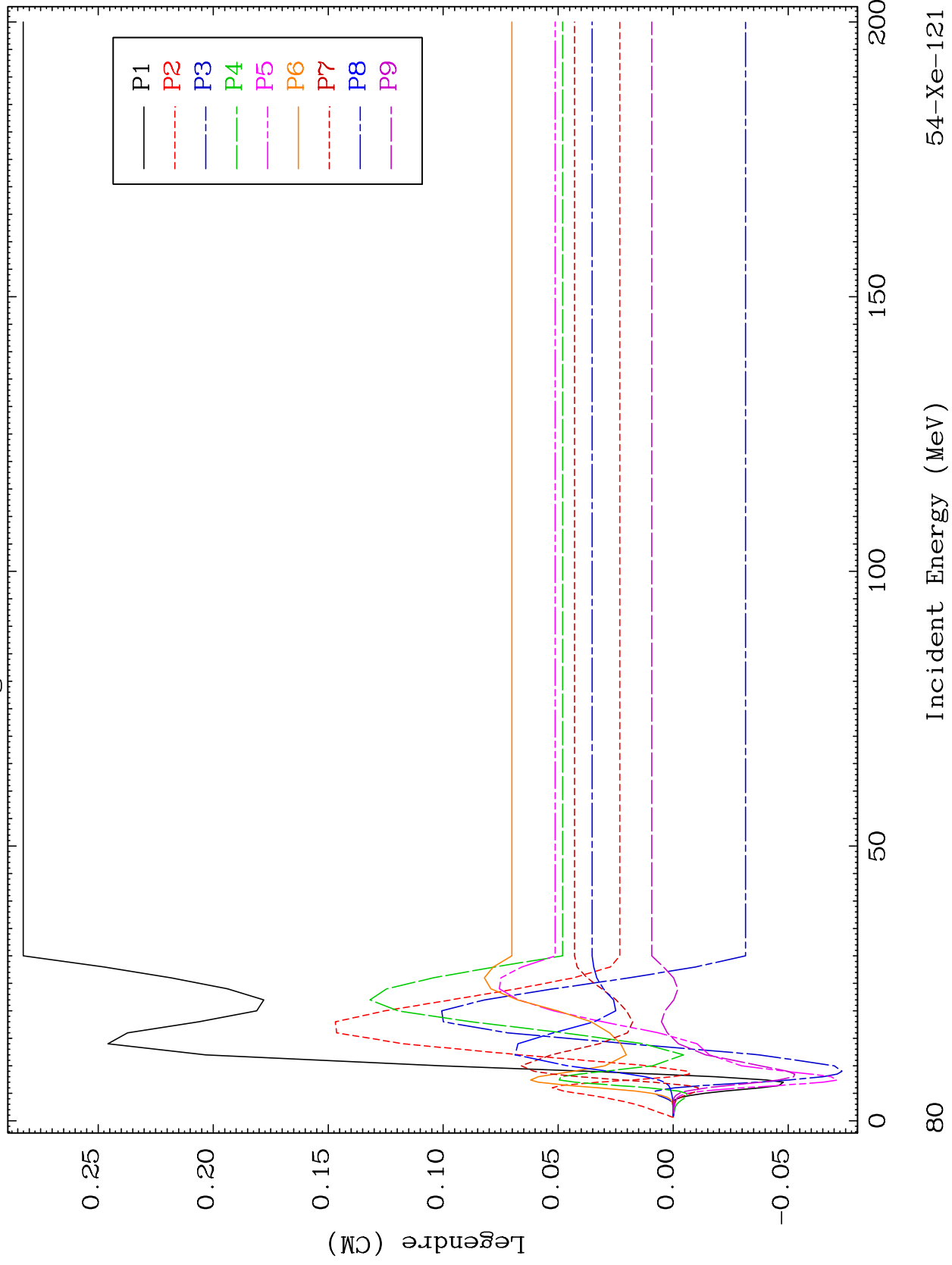
Incident Energy (MeV)

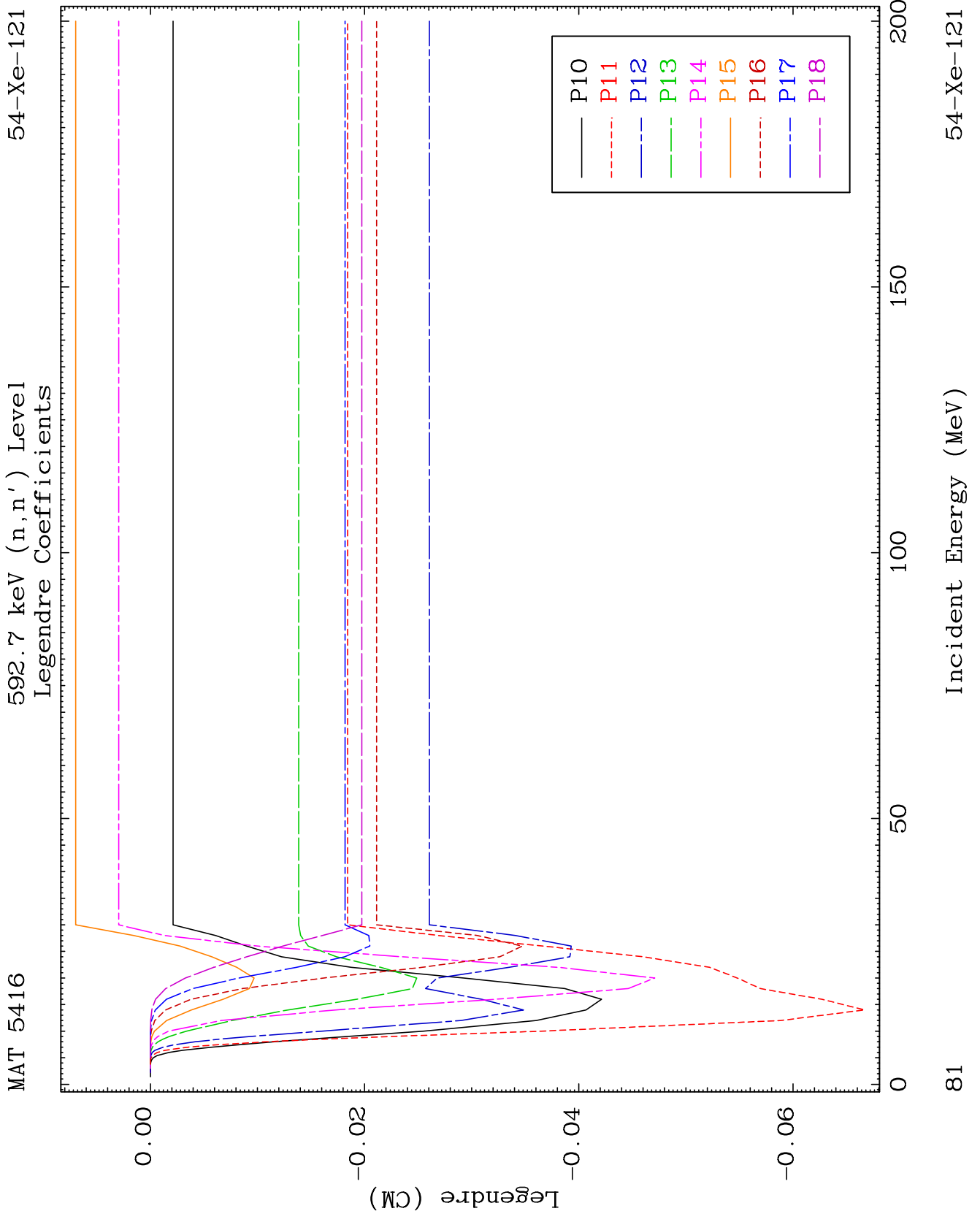
54-Xe-121

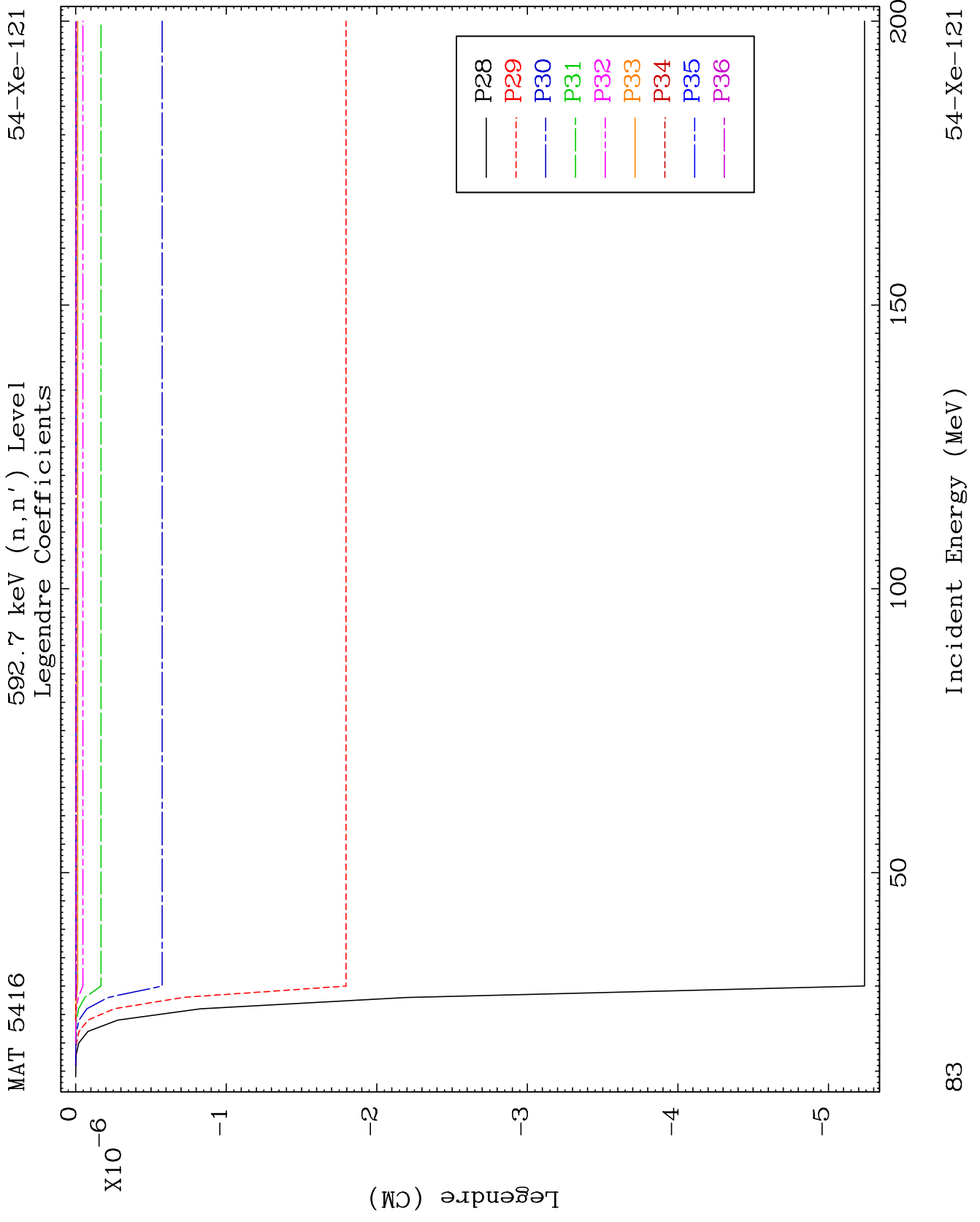
MAT 5416

592.7 keV (n,n') Level
Legendre Coefficients

54-Xe-121



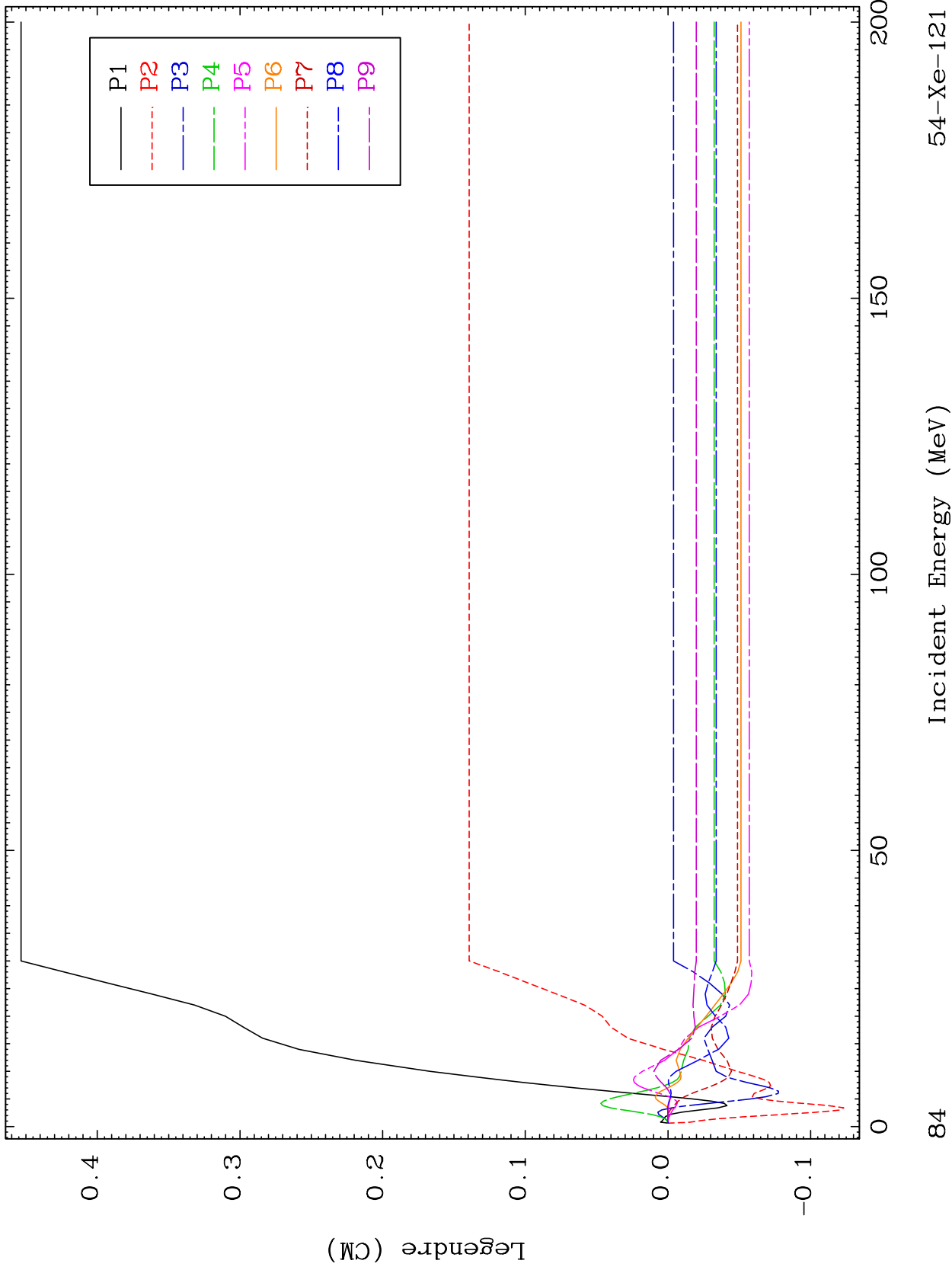




MAT 5416

608.4 keV (n,n') Level
Legendre Coefficients

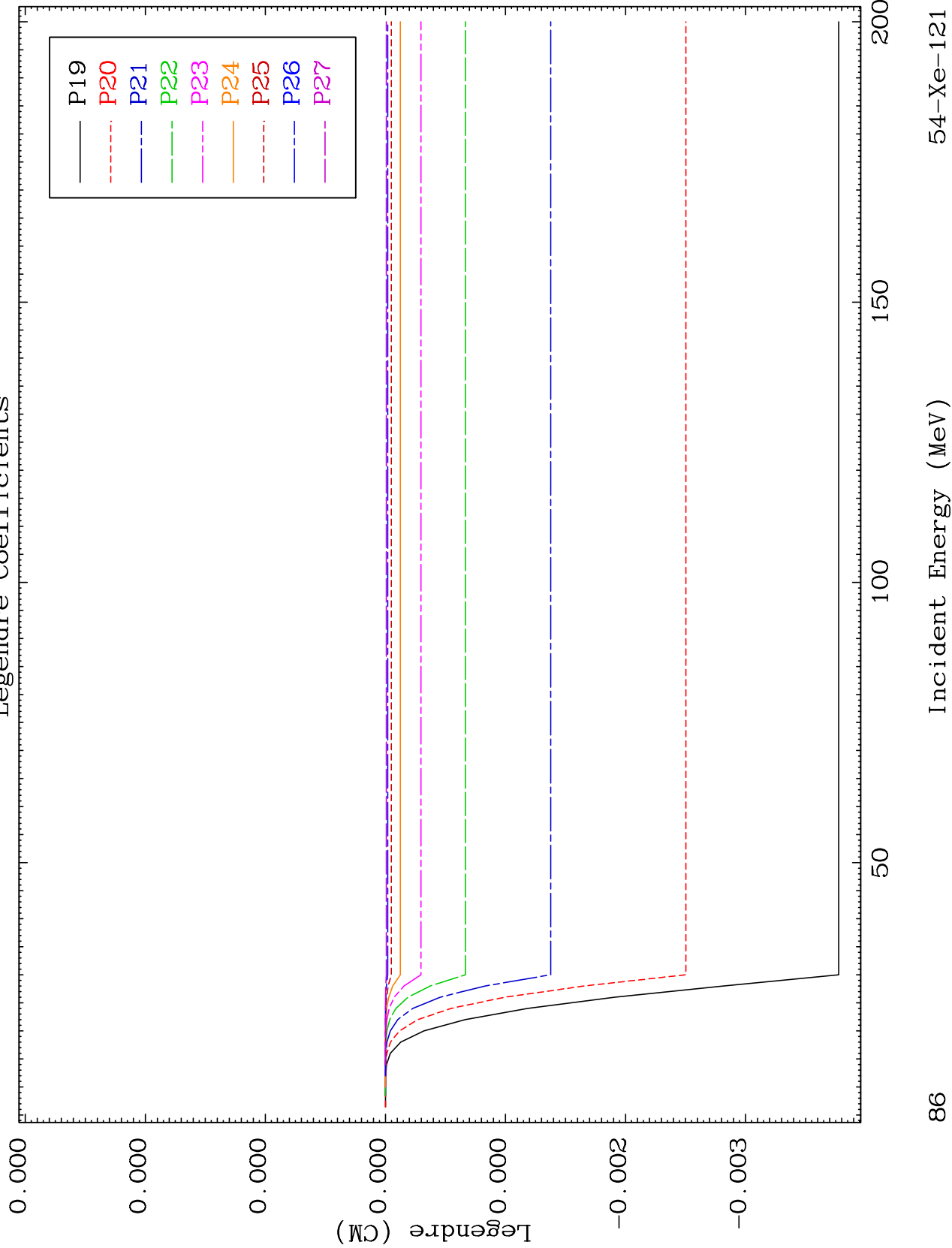
54-Xe-121



MAT 5416

608.4 keV (n,n') Level
Legendre Coefficients

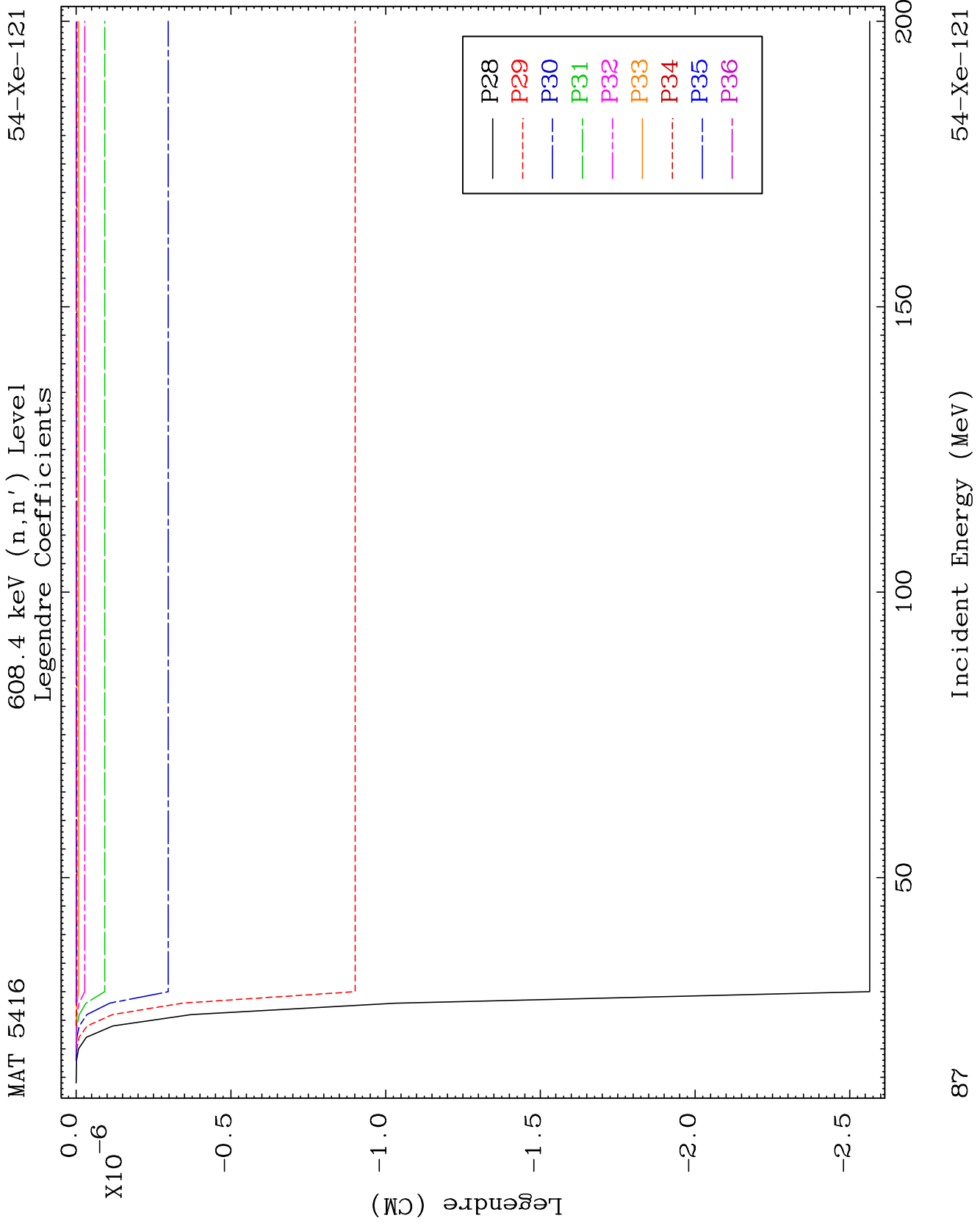
54-Xe-121

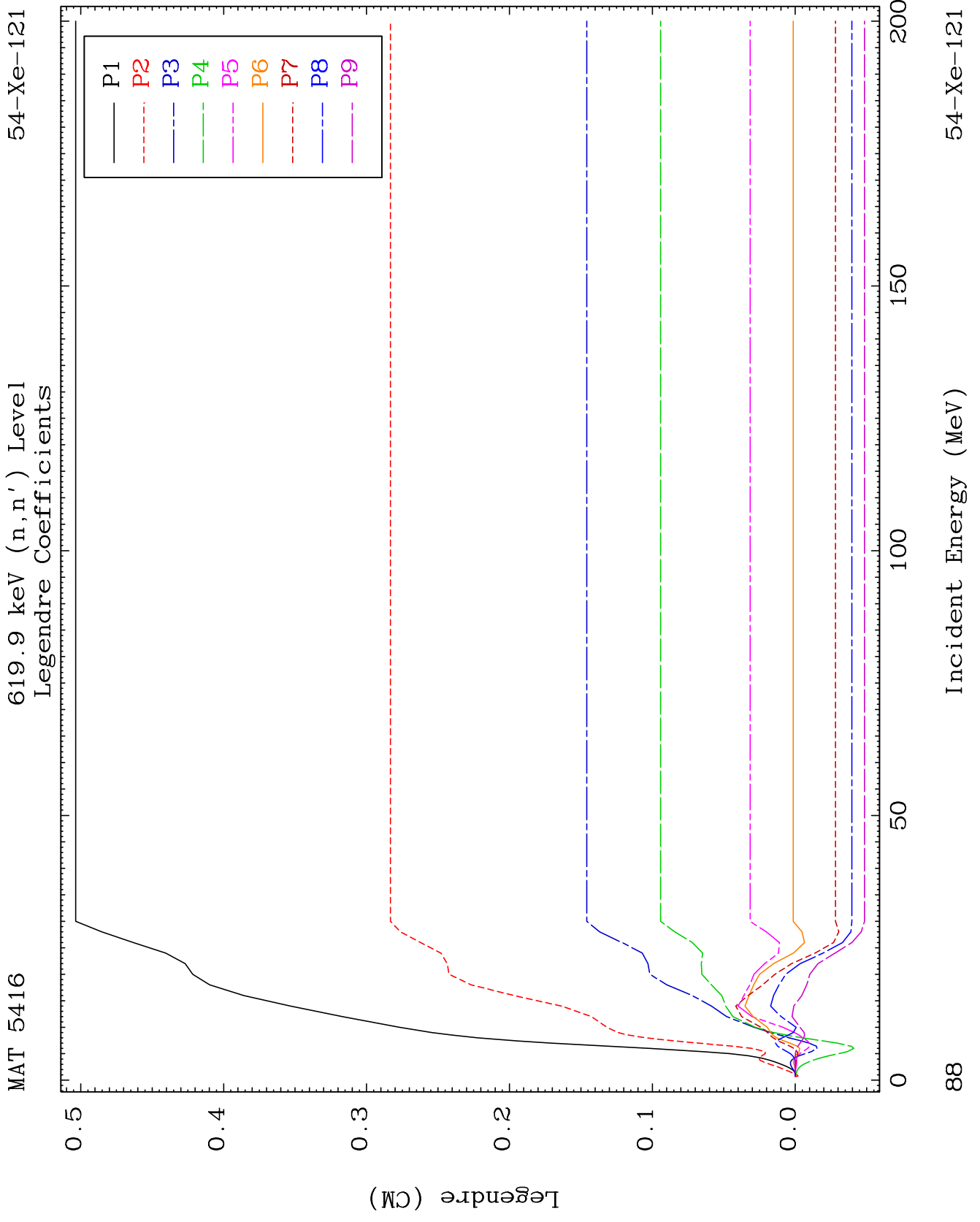


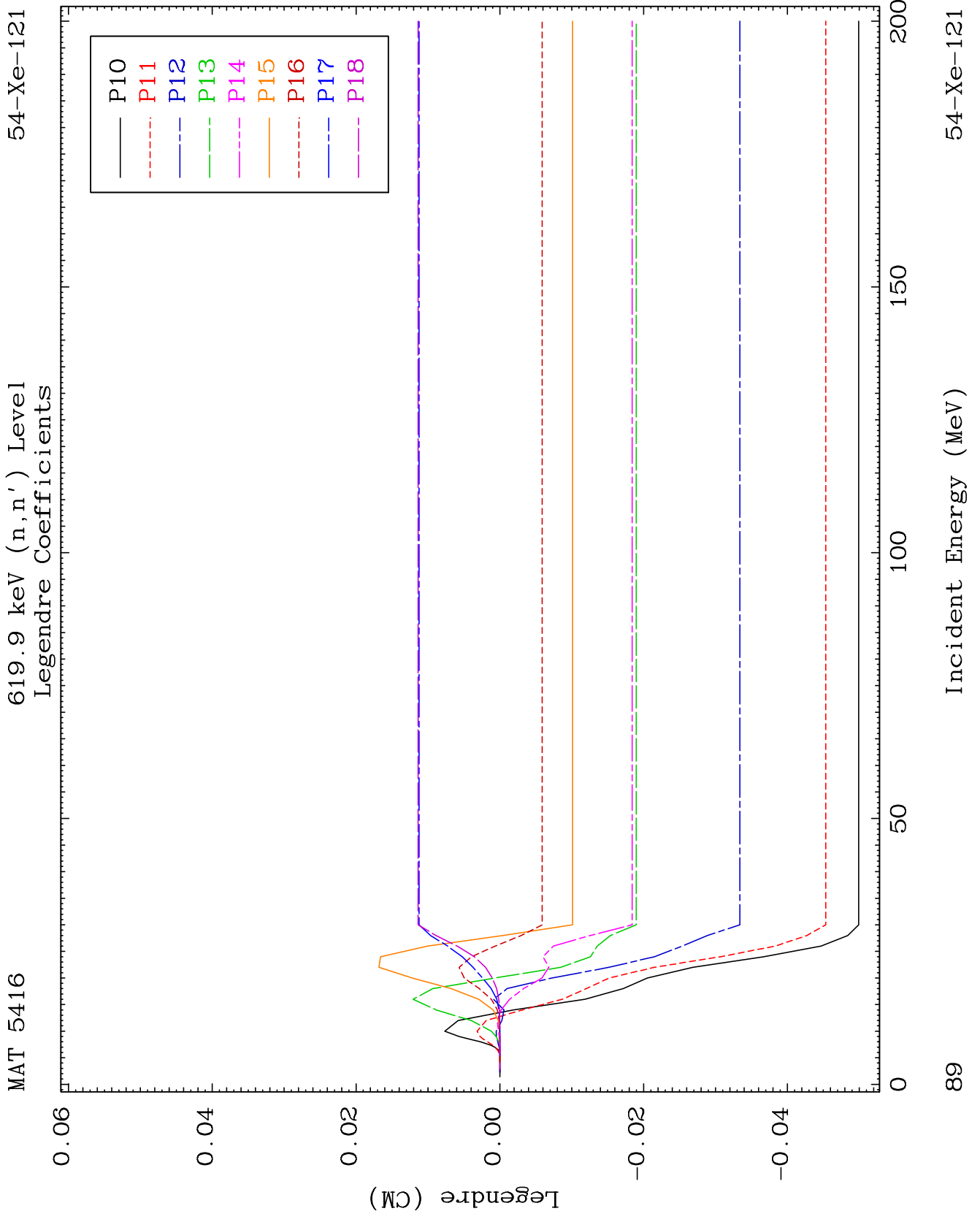
86

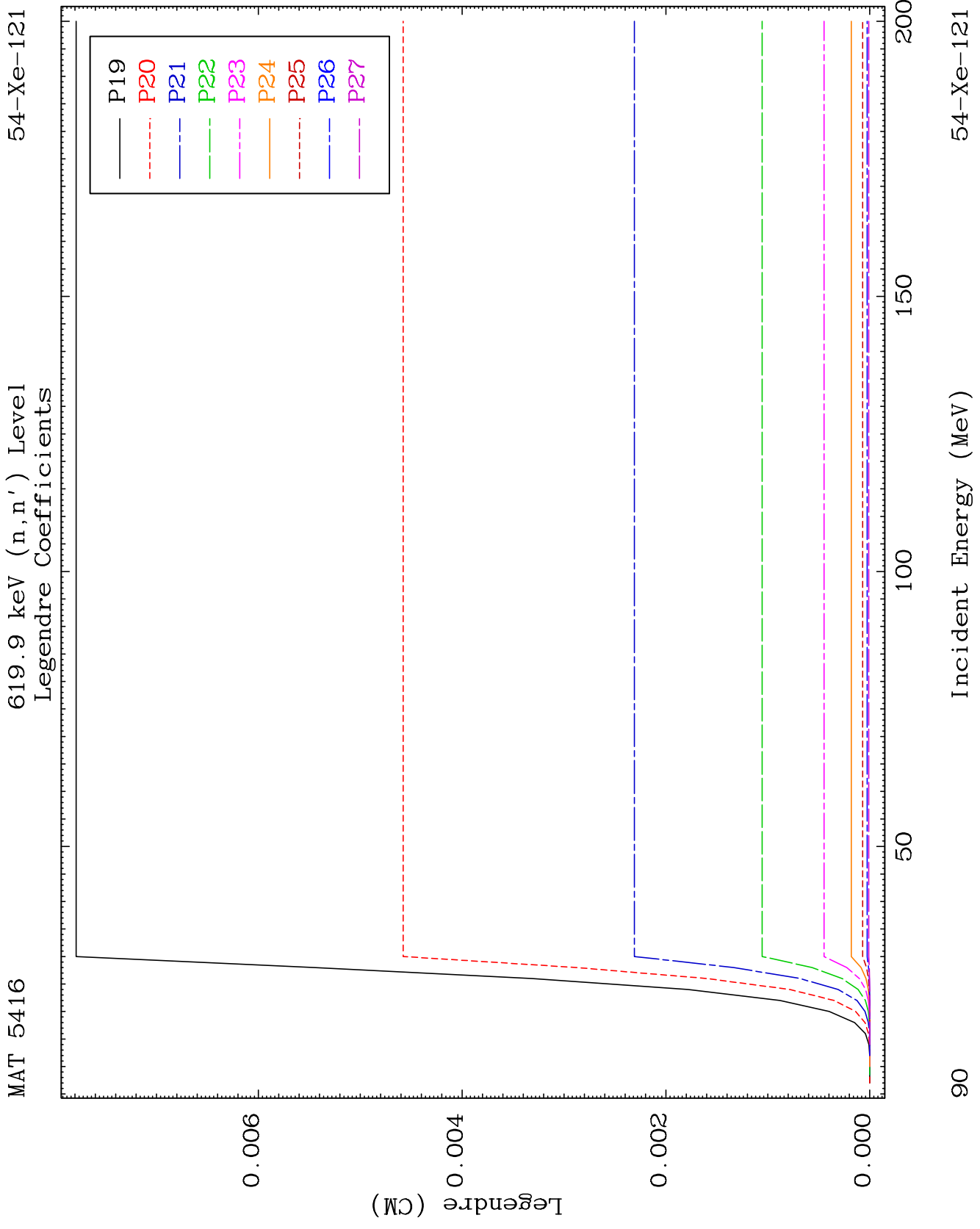
Incident Energy (MeV)

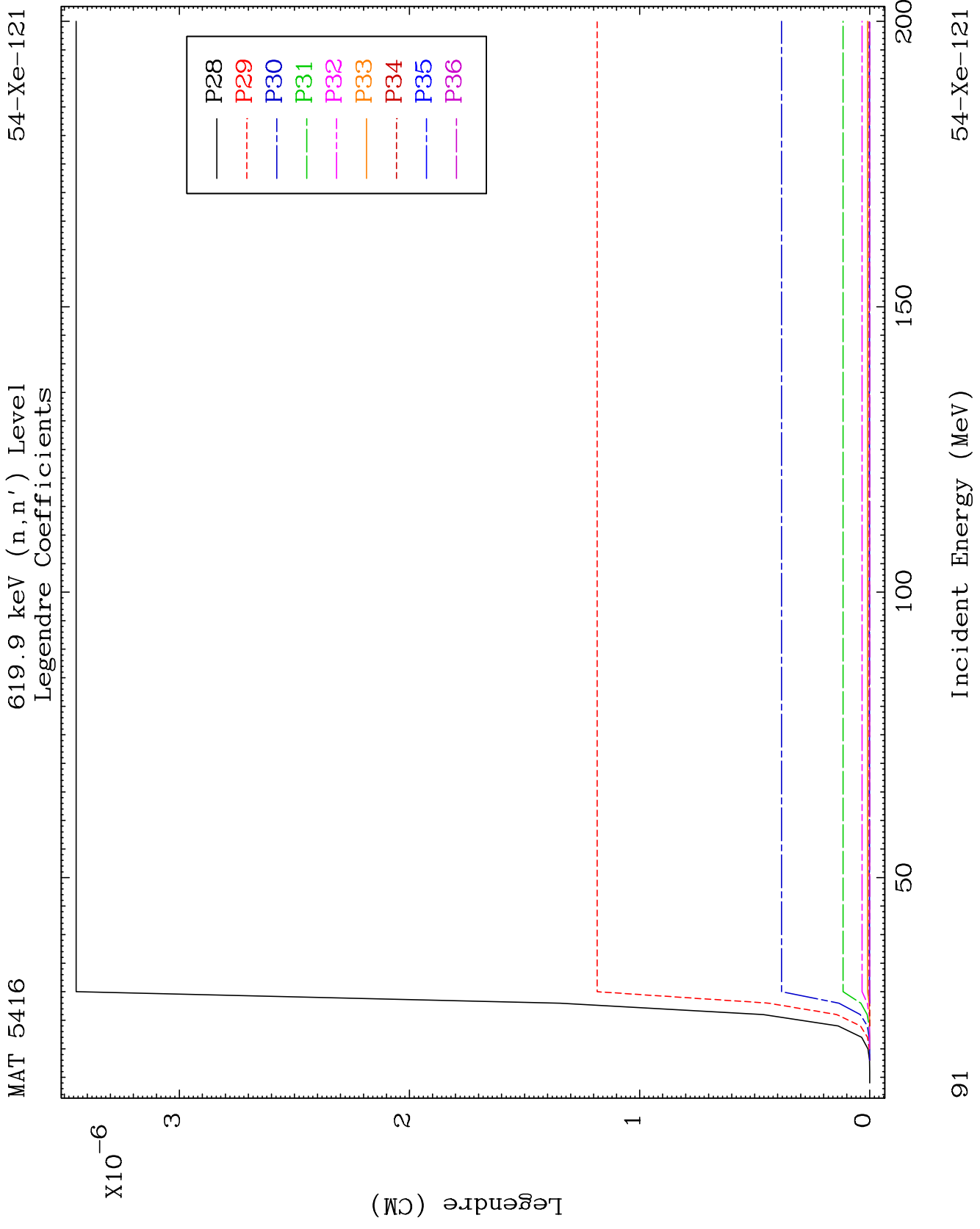
54-Xe-121







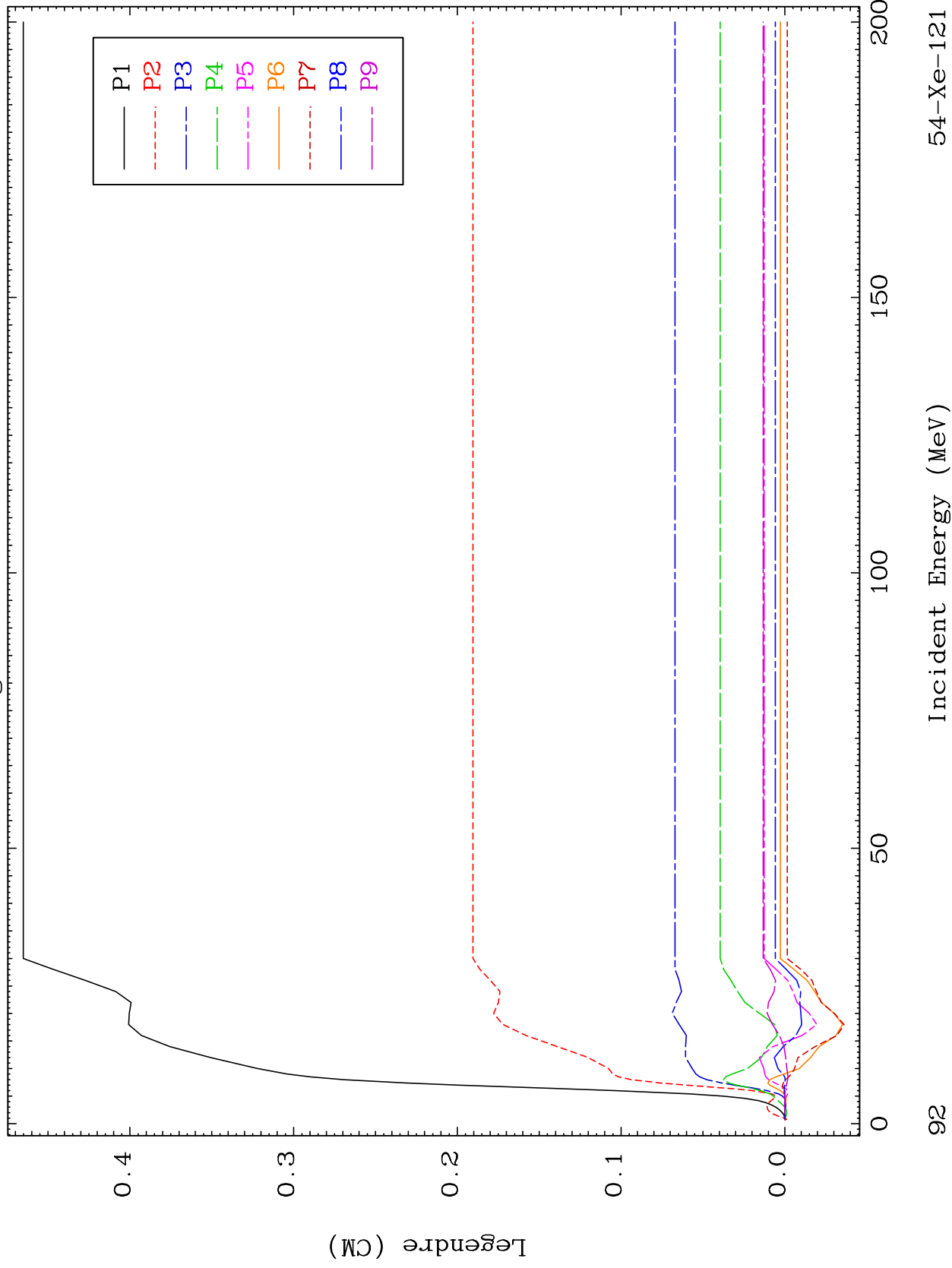




MAT 5416

646.2 keV (n,n') Level
Legendre Coefficients

54-Xe-121



54-Xe-121

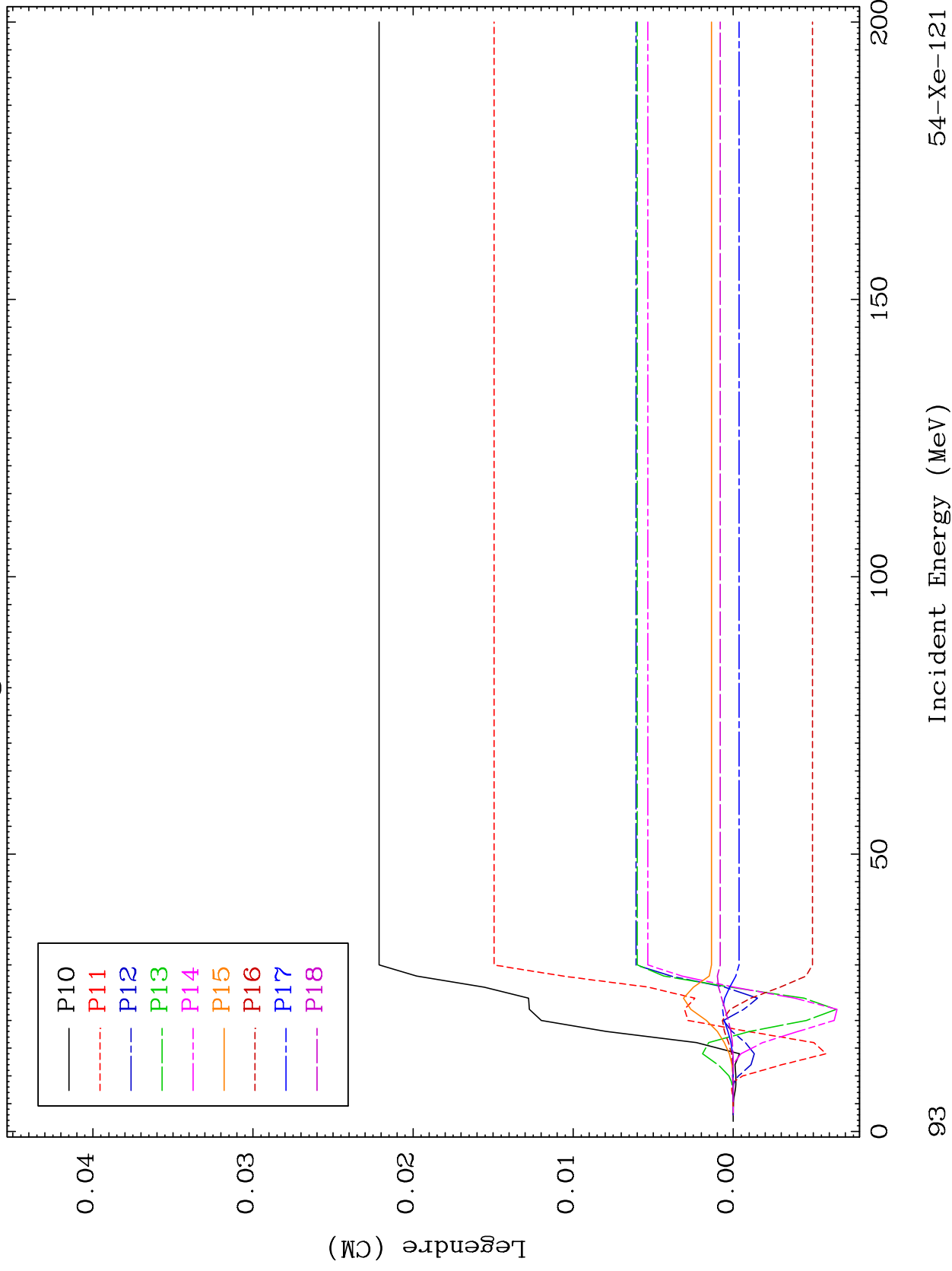
Incident Energy (MeV)

92

MAT 5416

646.2 keV (n,n') Level
Legendre Coefficients

54-Xe-121



93

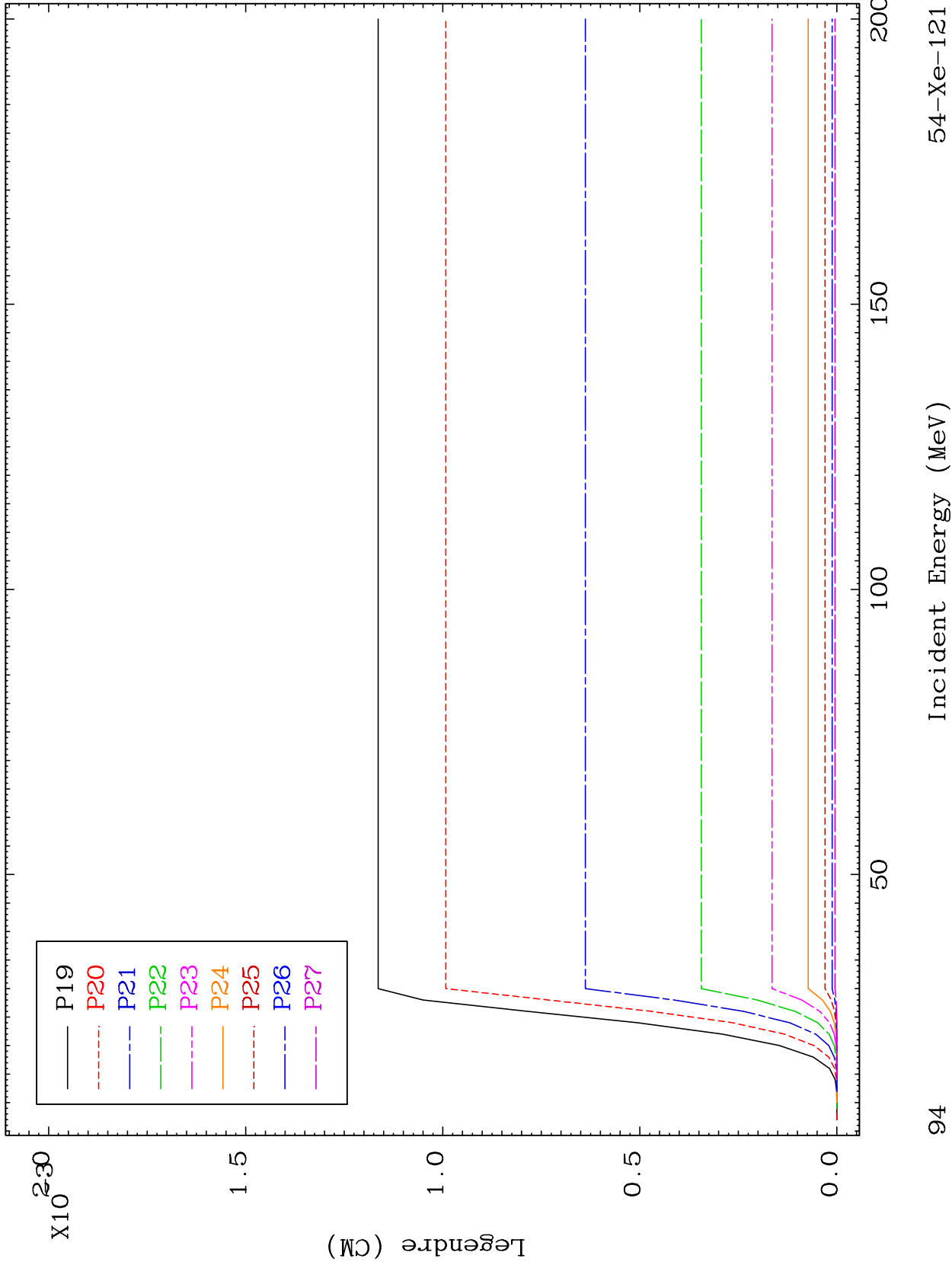
Incident Energy (MeV)

54-Xe-121

MAT 5416

646.2 keV (n, n') Level
Legendre Coefficients

54-Xe-121



94

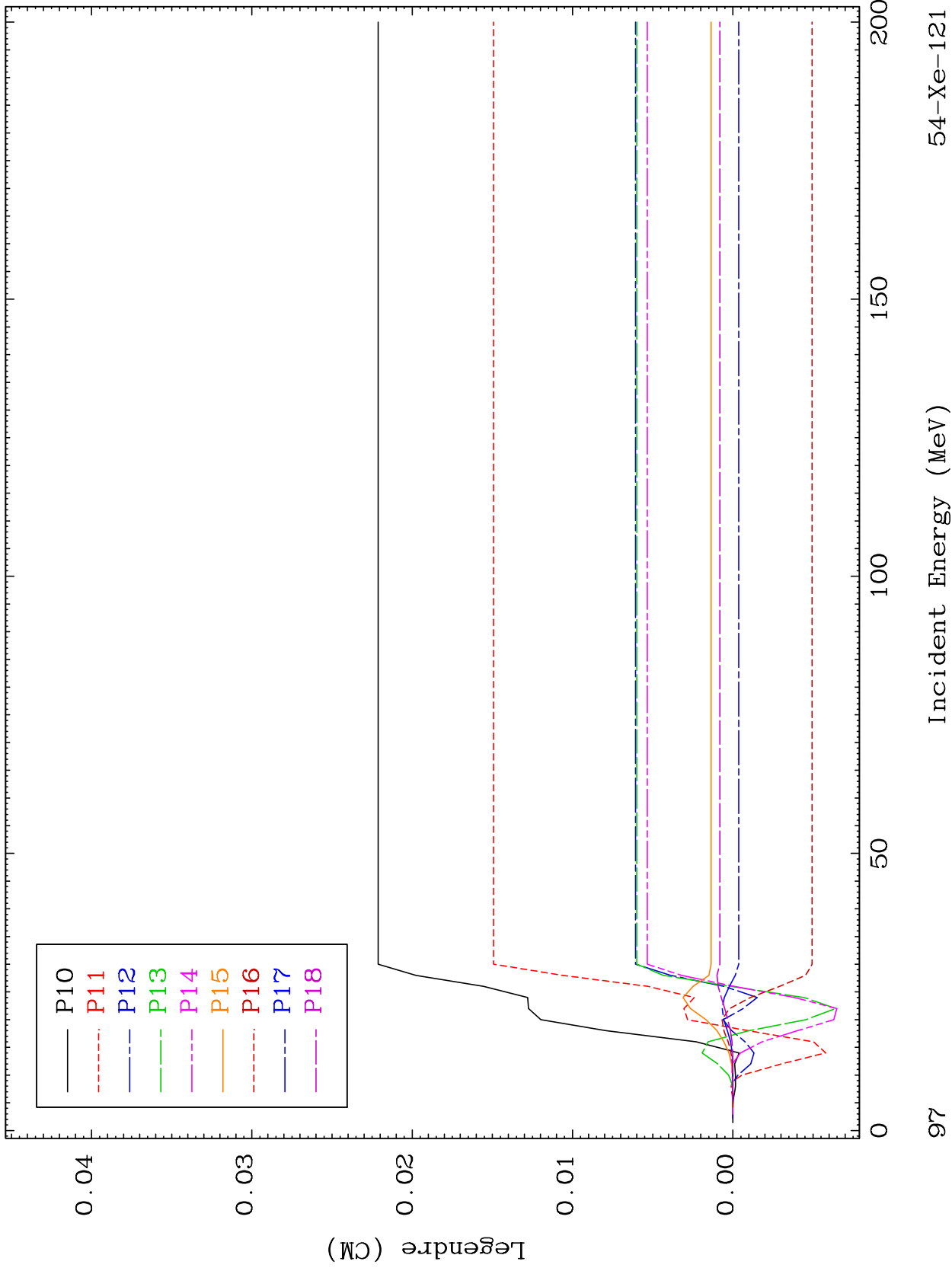
Incident Energy (MeV)

54-Xe-121

MAT 5416

657.9 keV (n,n') Level
Legendre Coefficients

54-Xe-121



97

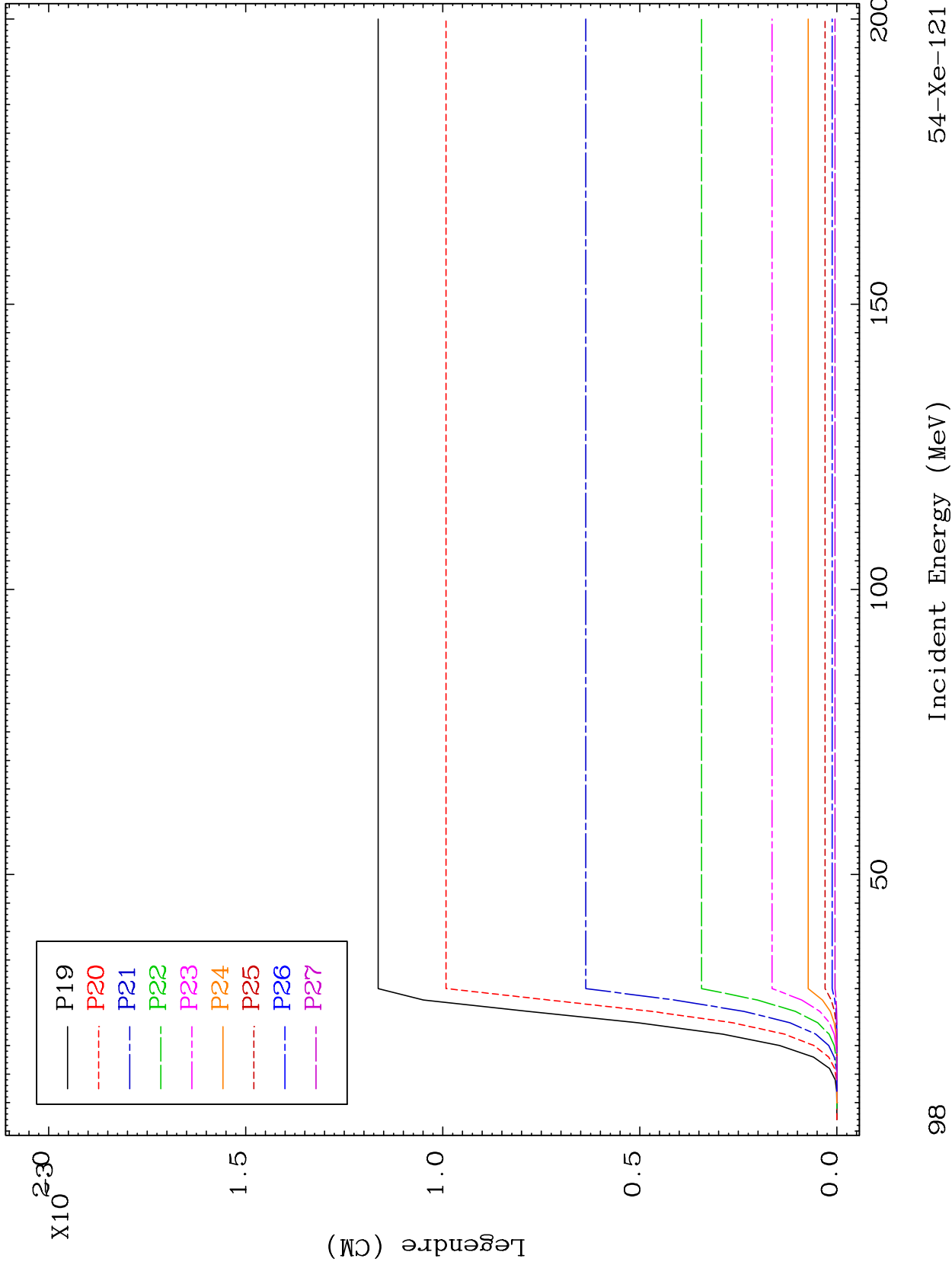
Incident Energy (MeV)

54-Xe-121

MAT 5416

657.9 keV (n,n') Level
Legendre Coefficients

54-Xe-121



98

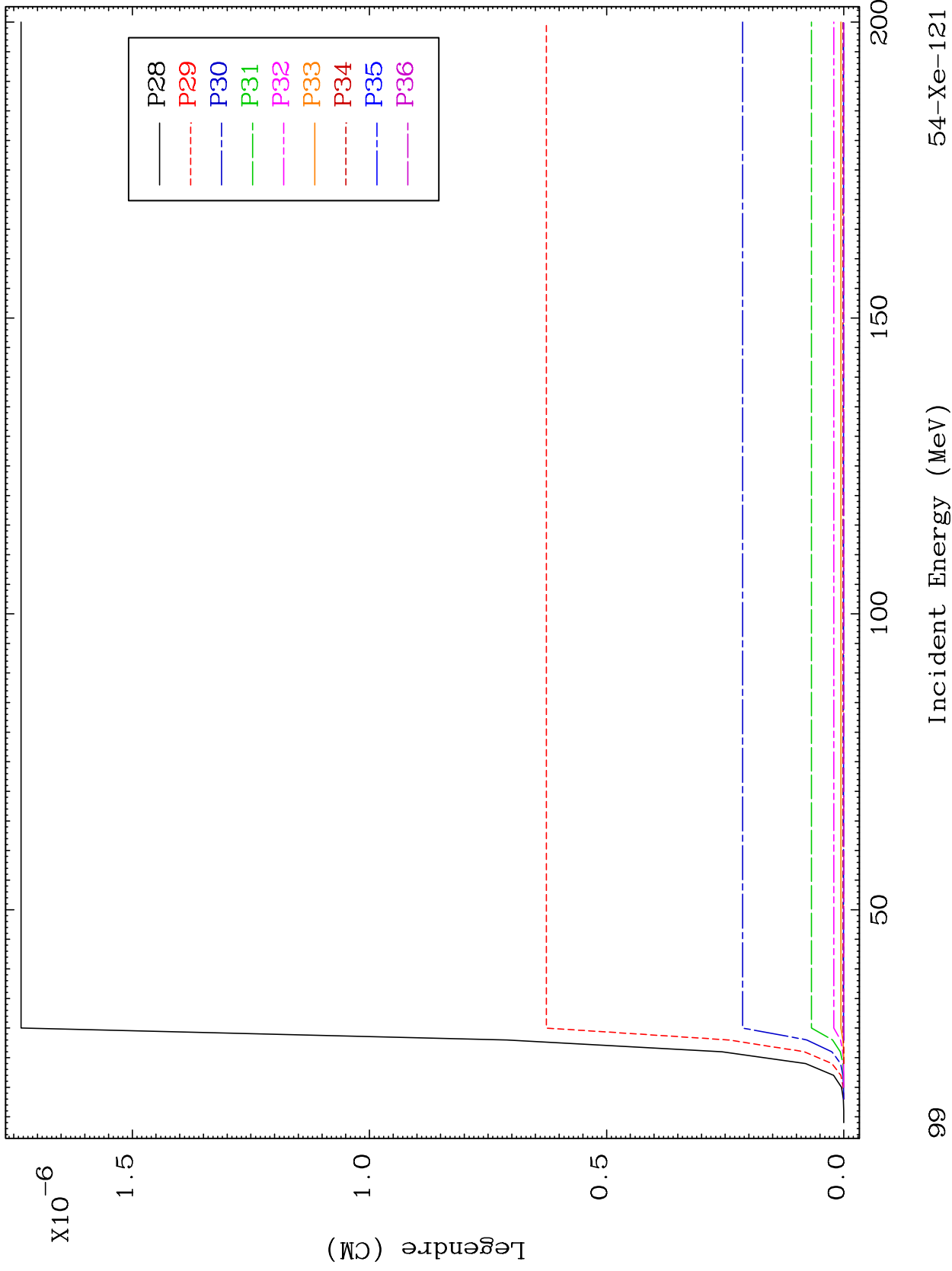
Incident Energy (MeV)

54-Xe-121

MAT 5416

657.9 keV (n,n') Level
Legendre Coefficients

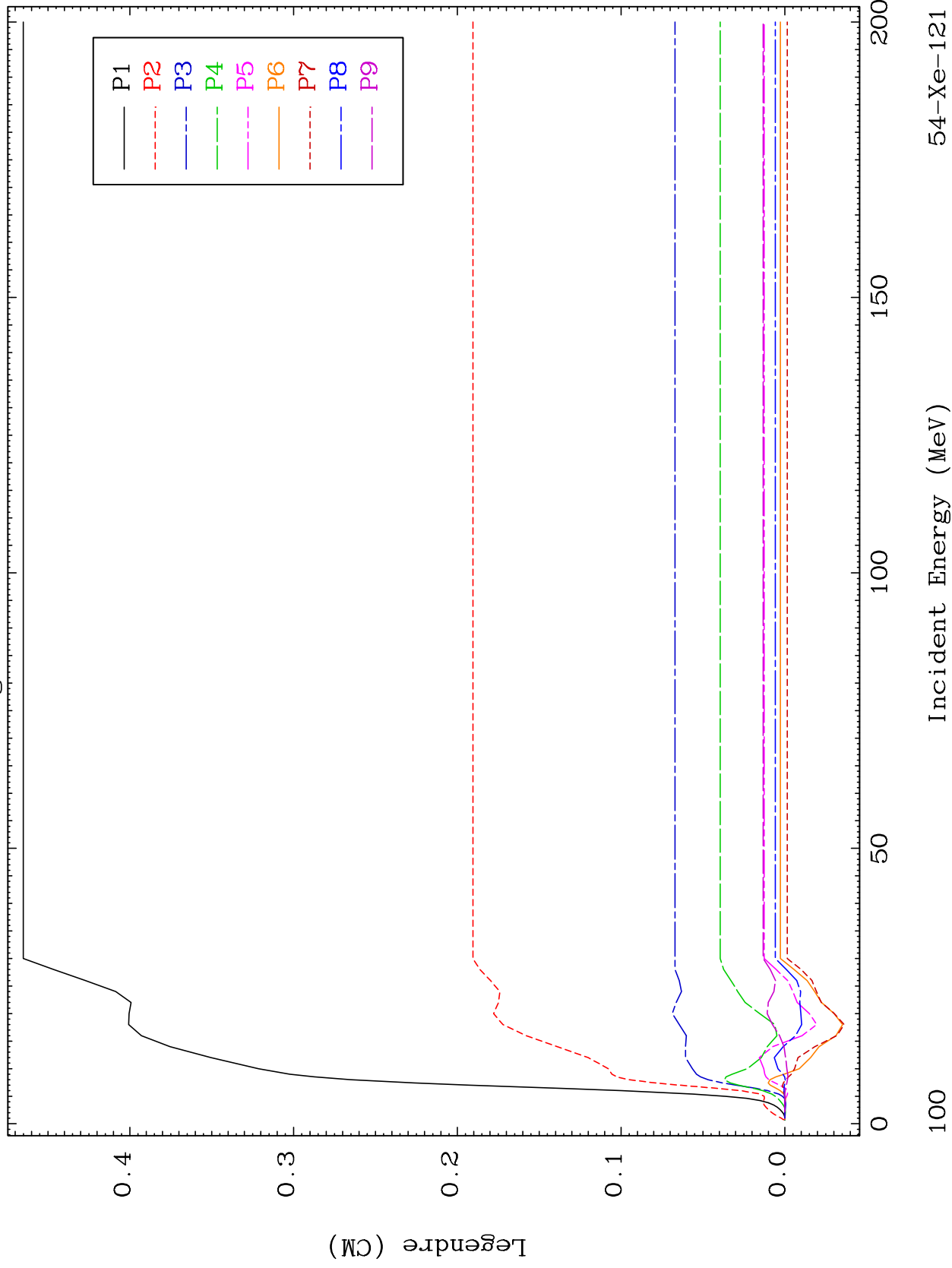
54-Xe-121



MAT 5416

661.1 keV (n,n') Level
Legendre Coefficients

54-Xe-121



54-Xe-121

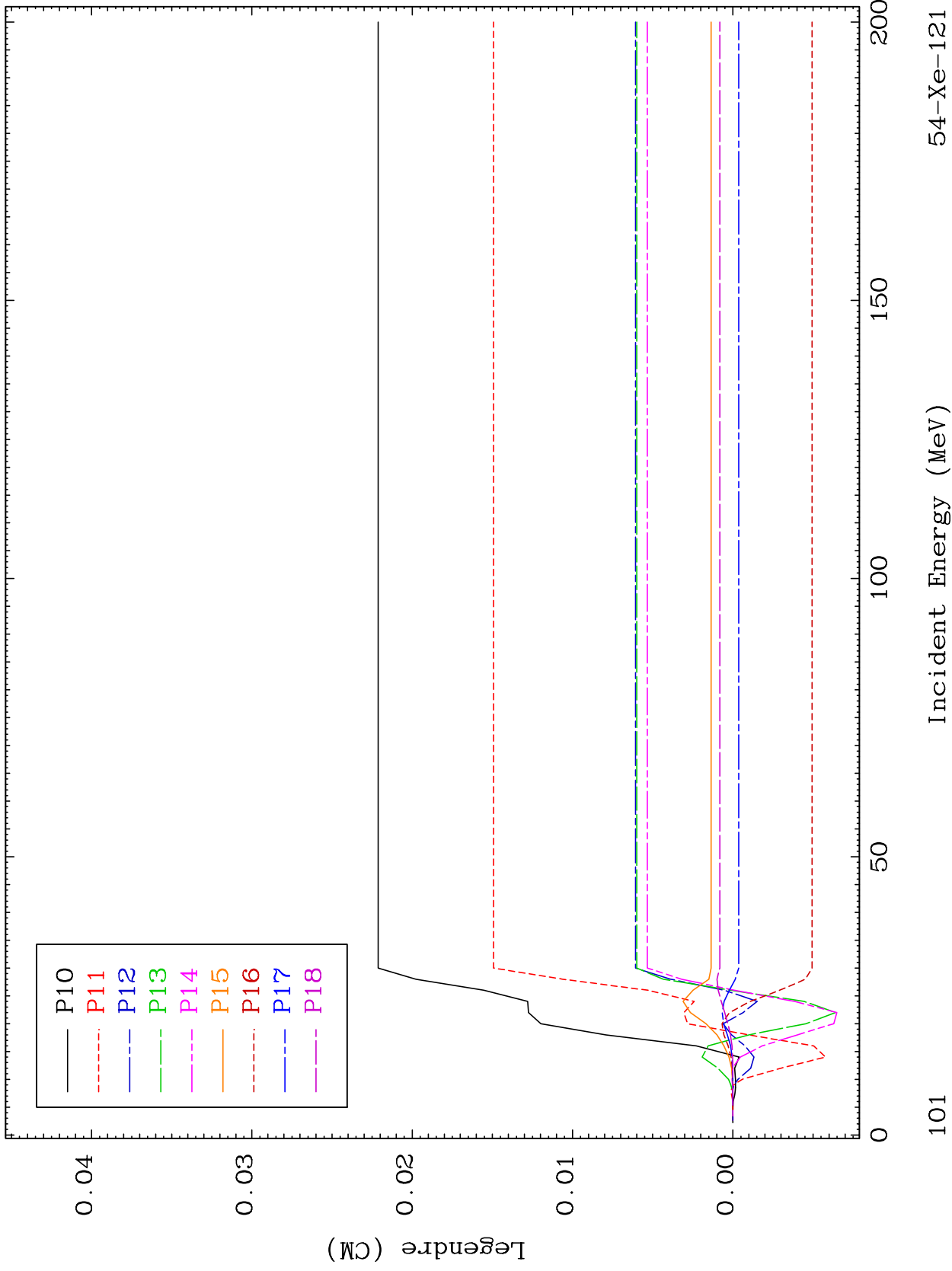
Incident Energy (MeV)

100

MAT 5416

661.1 keV (n,n') Level
Legendre Coefficients

54-Xe-121



54-Xe-121

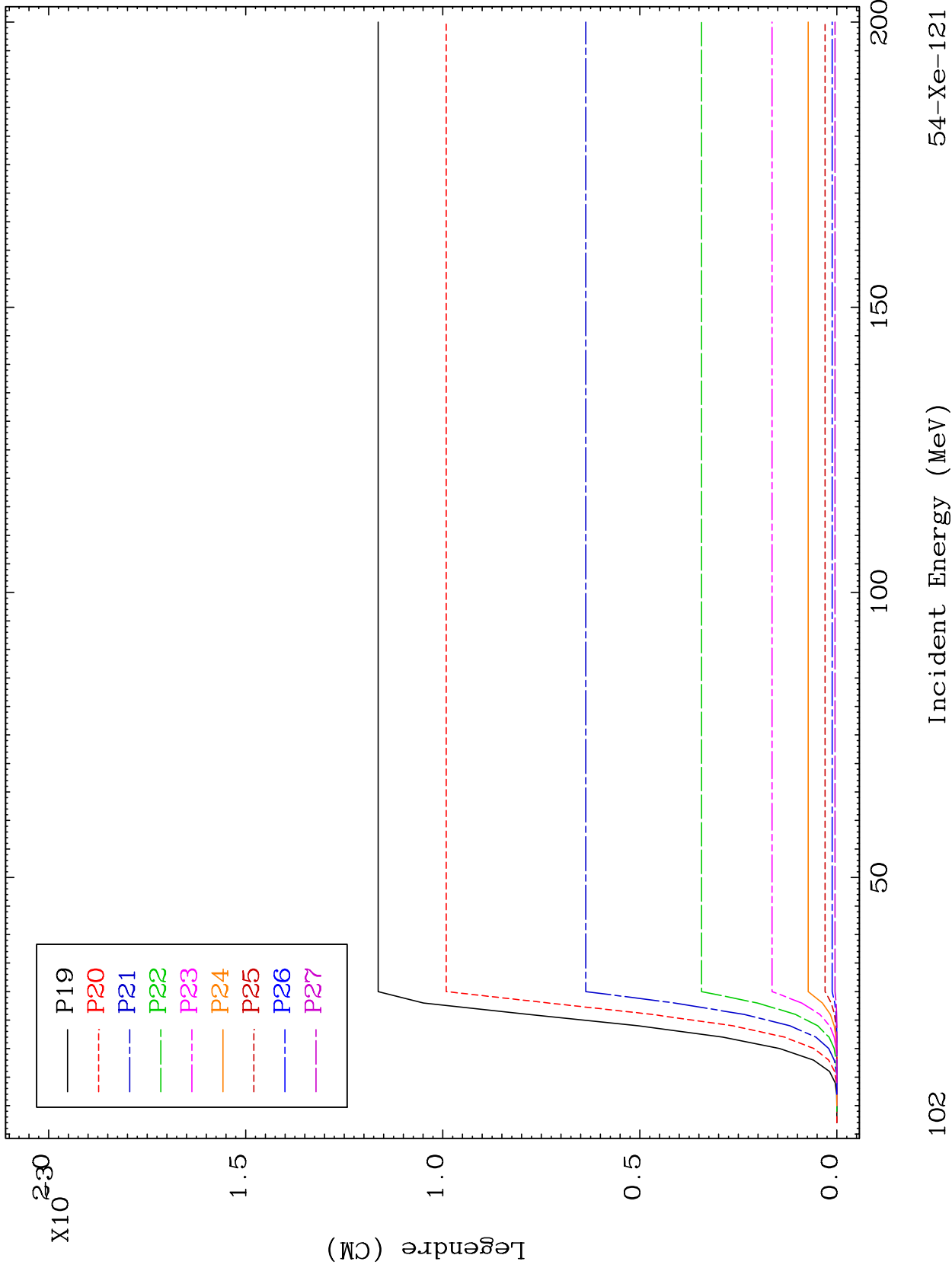
Incident Energy (MeV)

101

MAT 5416

661.1 keV (n,n') Level
Legendre Coefficients

54-Xe-121

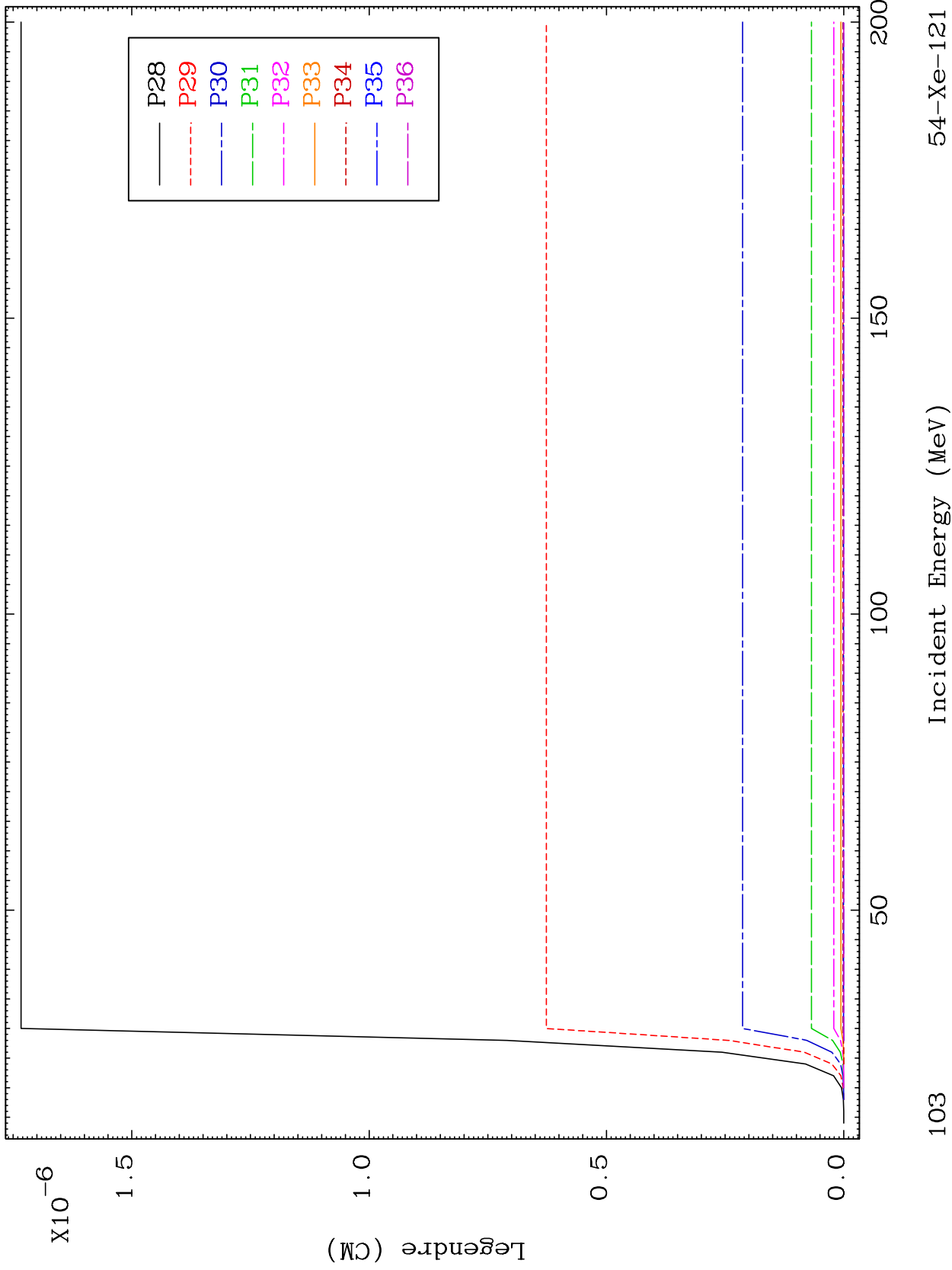


102

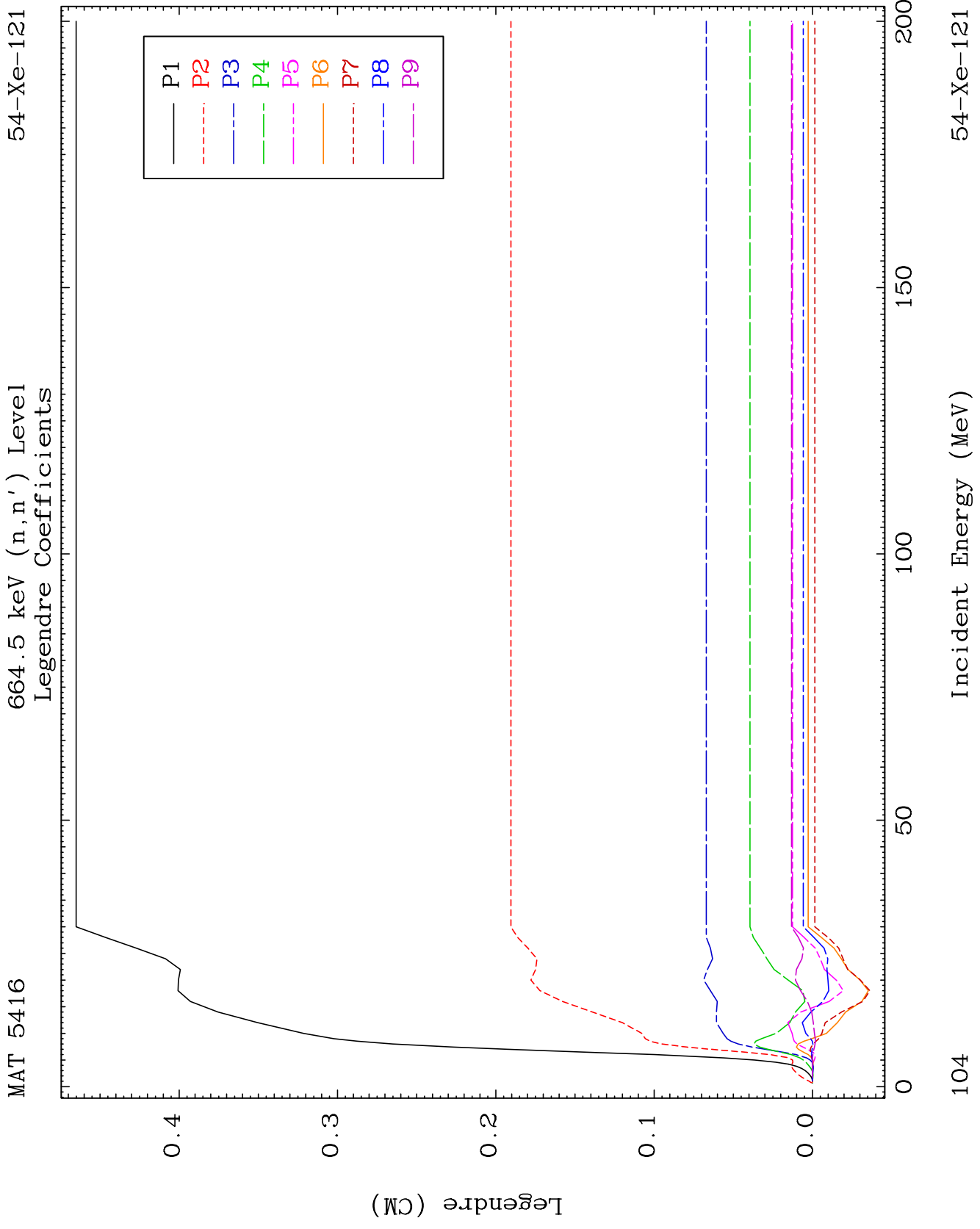
MAT 5416

661.1 keV (n,n') Level
Legendre Coefficients

54-Xe-121



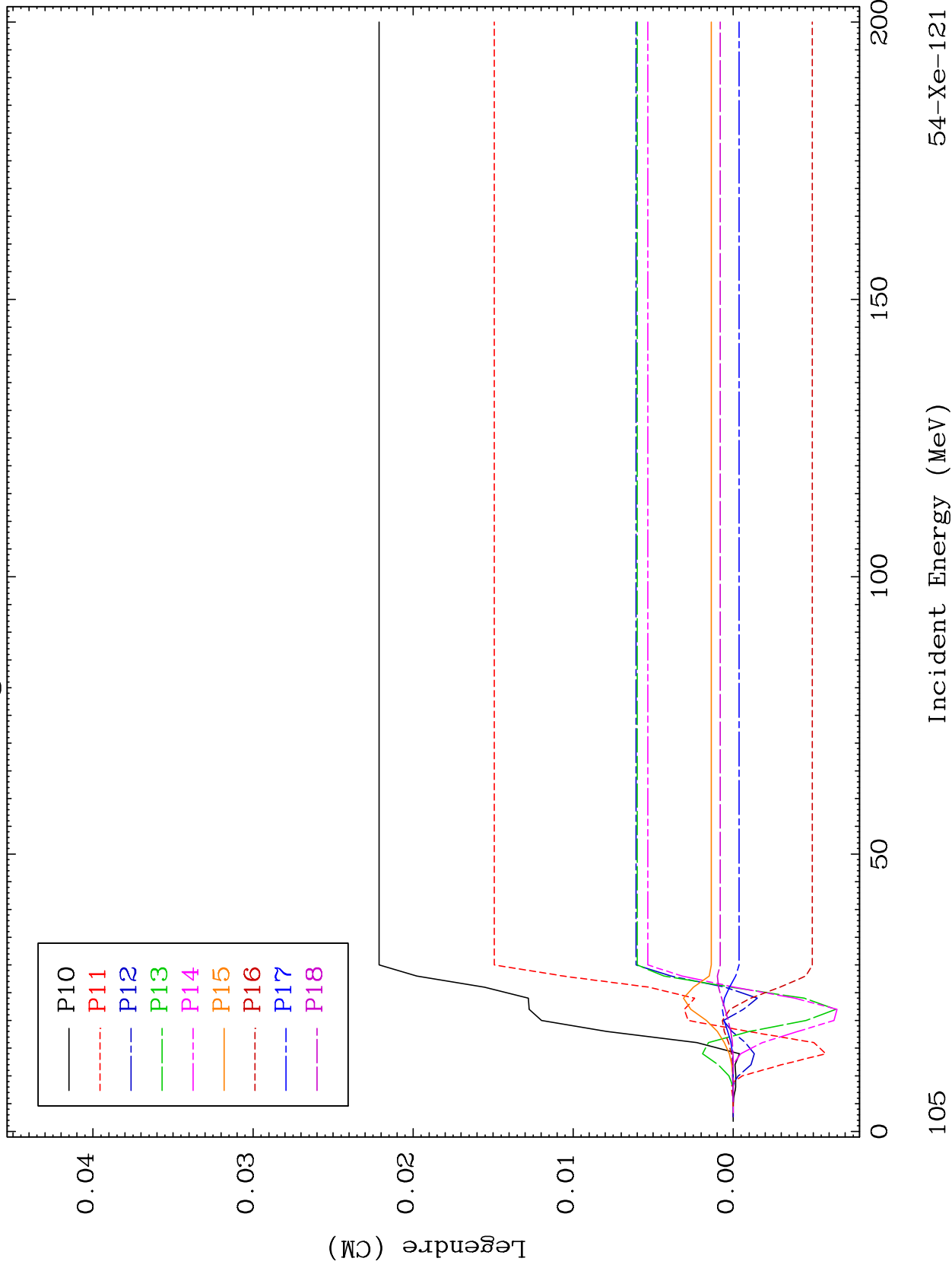
103



MAT 5416

664.5 keV (n,n') Level
Legendre Coefficients

54-Xe-121



54-Xe-121

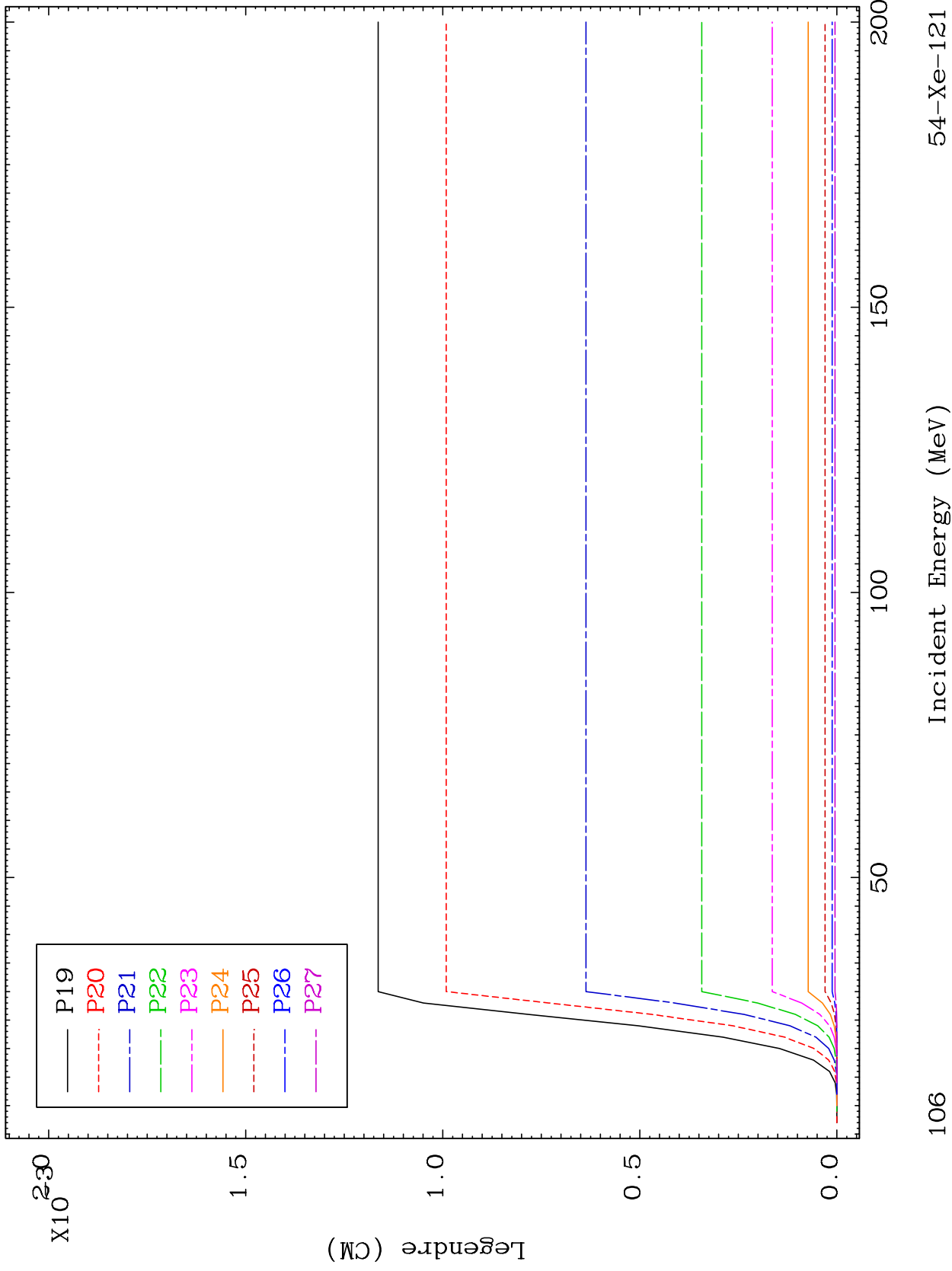
Incident Energy (MeV)

105

MAT 5416

664.5 keV (n, n') Level
Legendre Coefficients

54-Xe-121



106

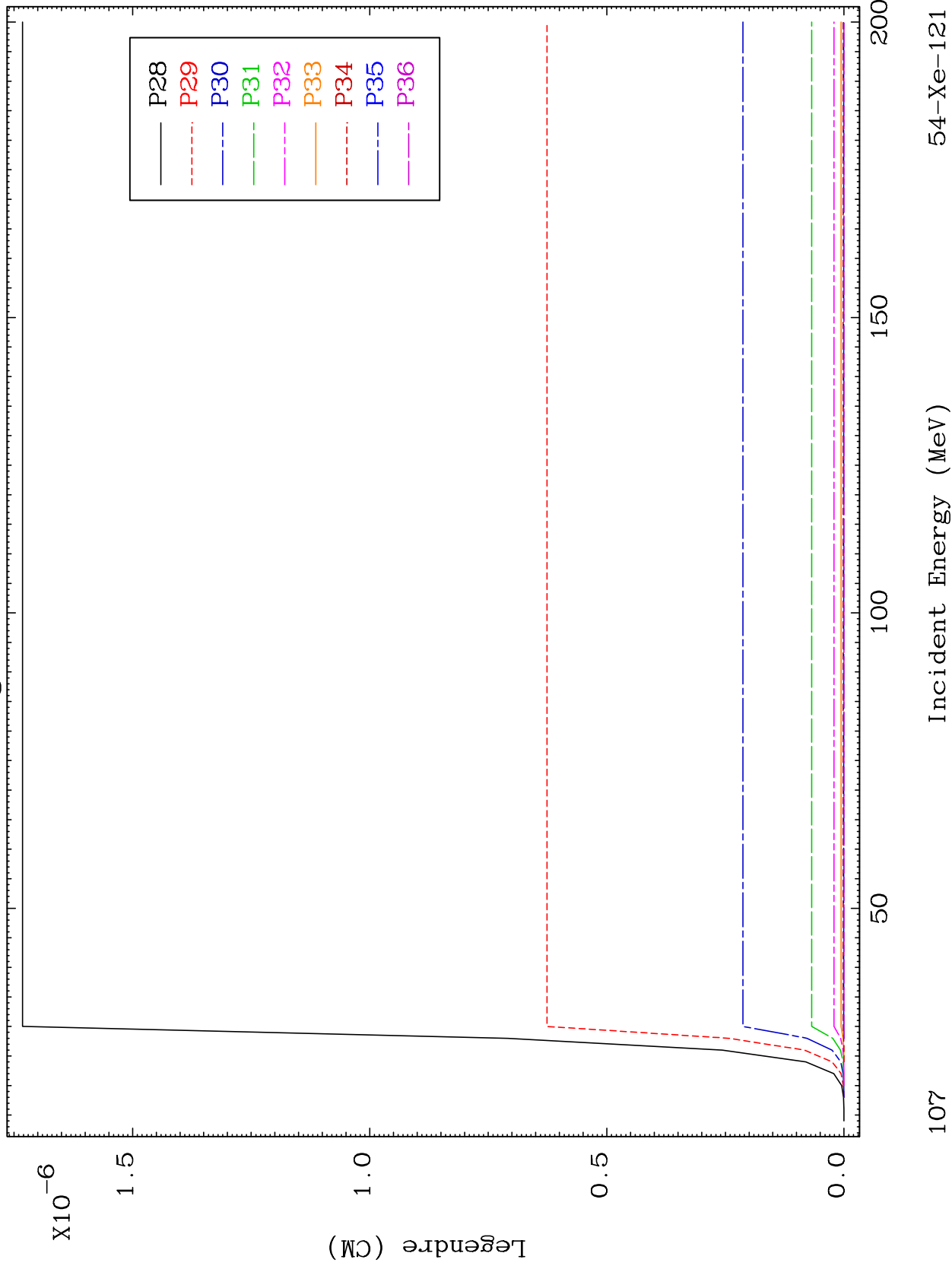
Incident Energy (MeV)

54-Xe-121

MAT 5416

664.5 keV (n,n') Level
Legendre Coefficients

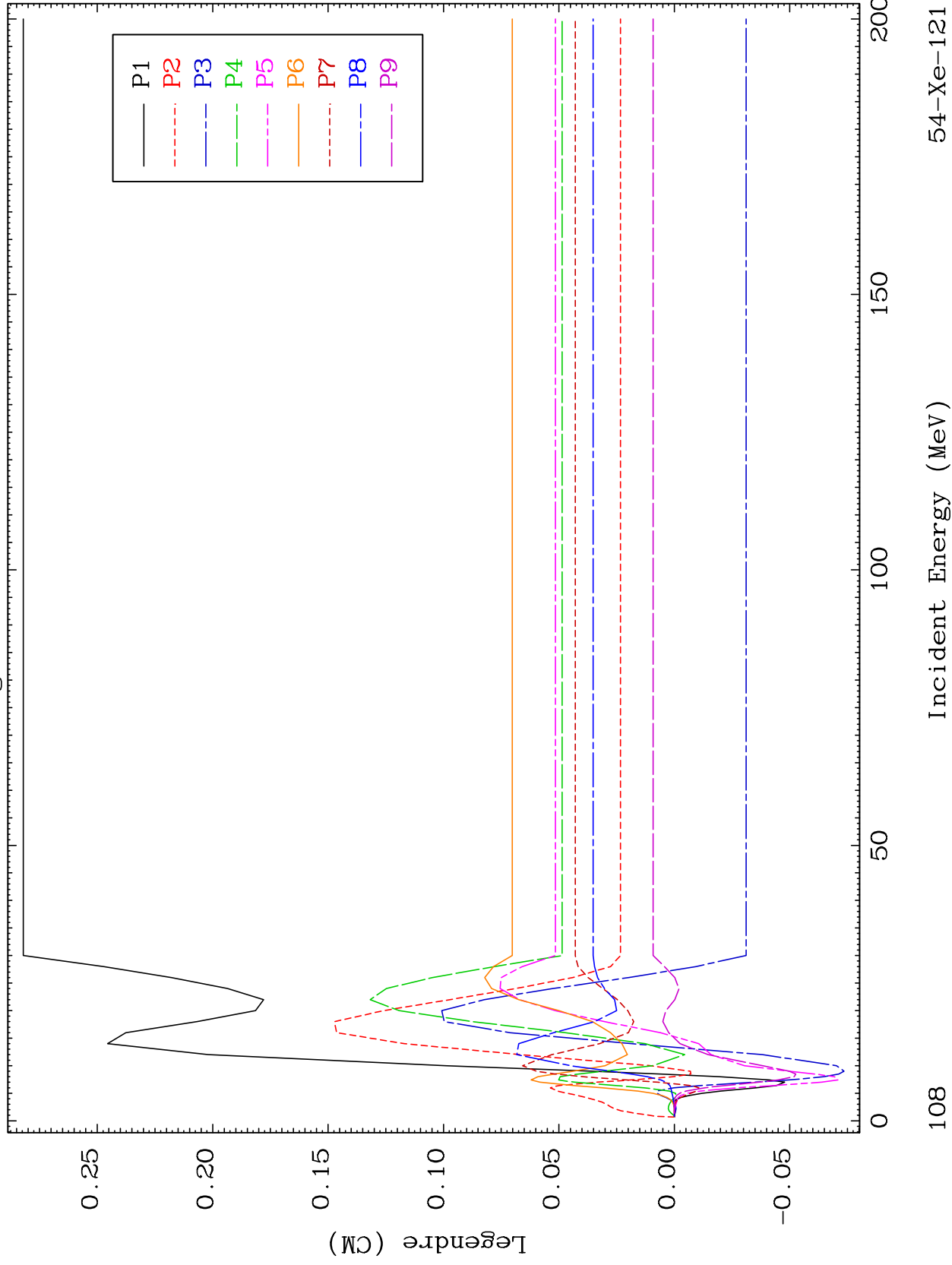
54-Xe-121



MAT 5416

667.8 keV (n,n') Level
Legendre Coefficients

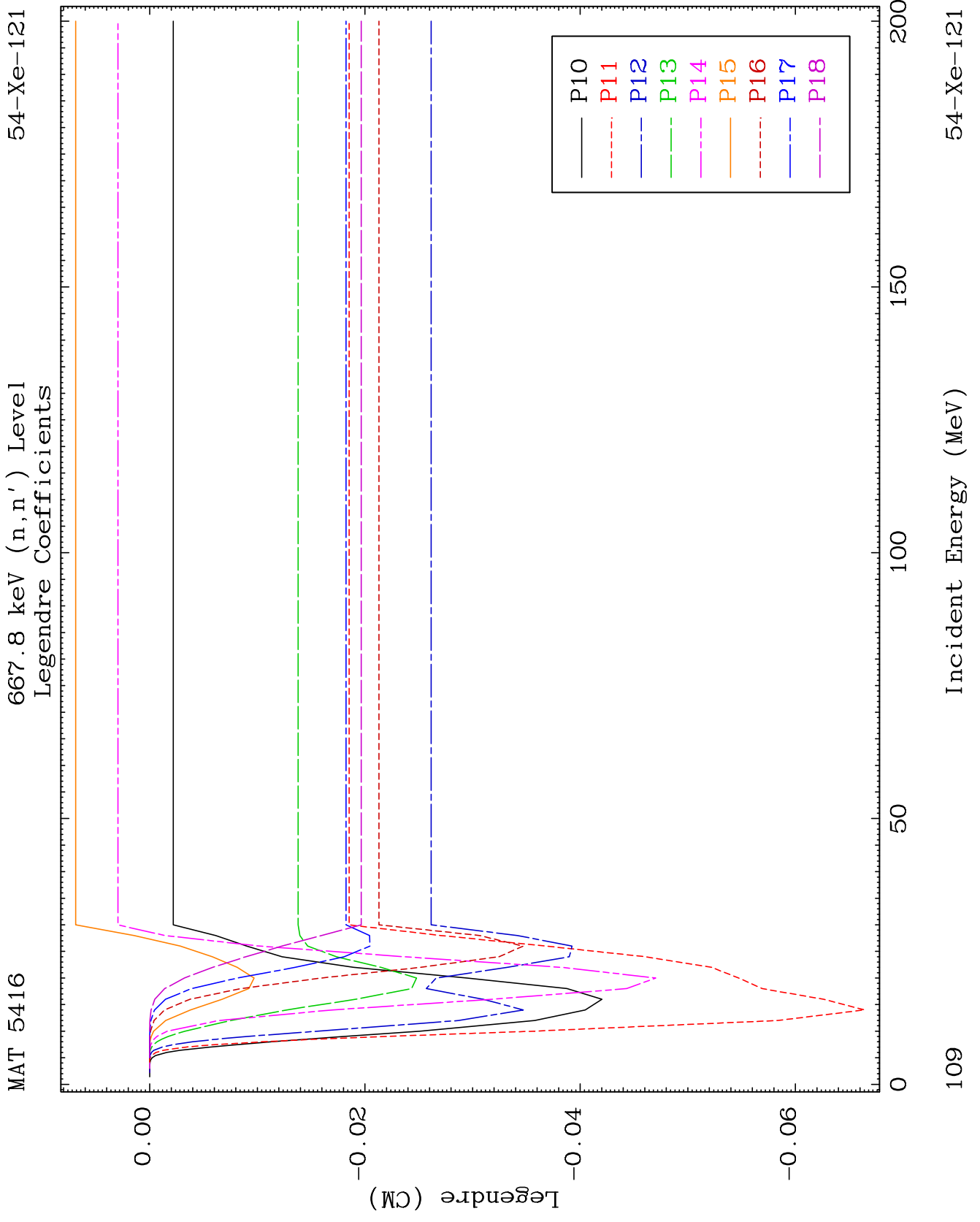
54-Xe-121

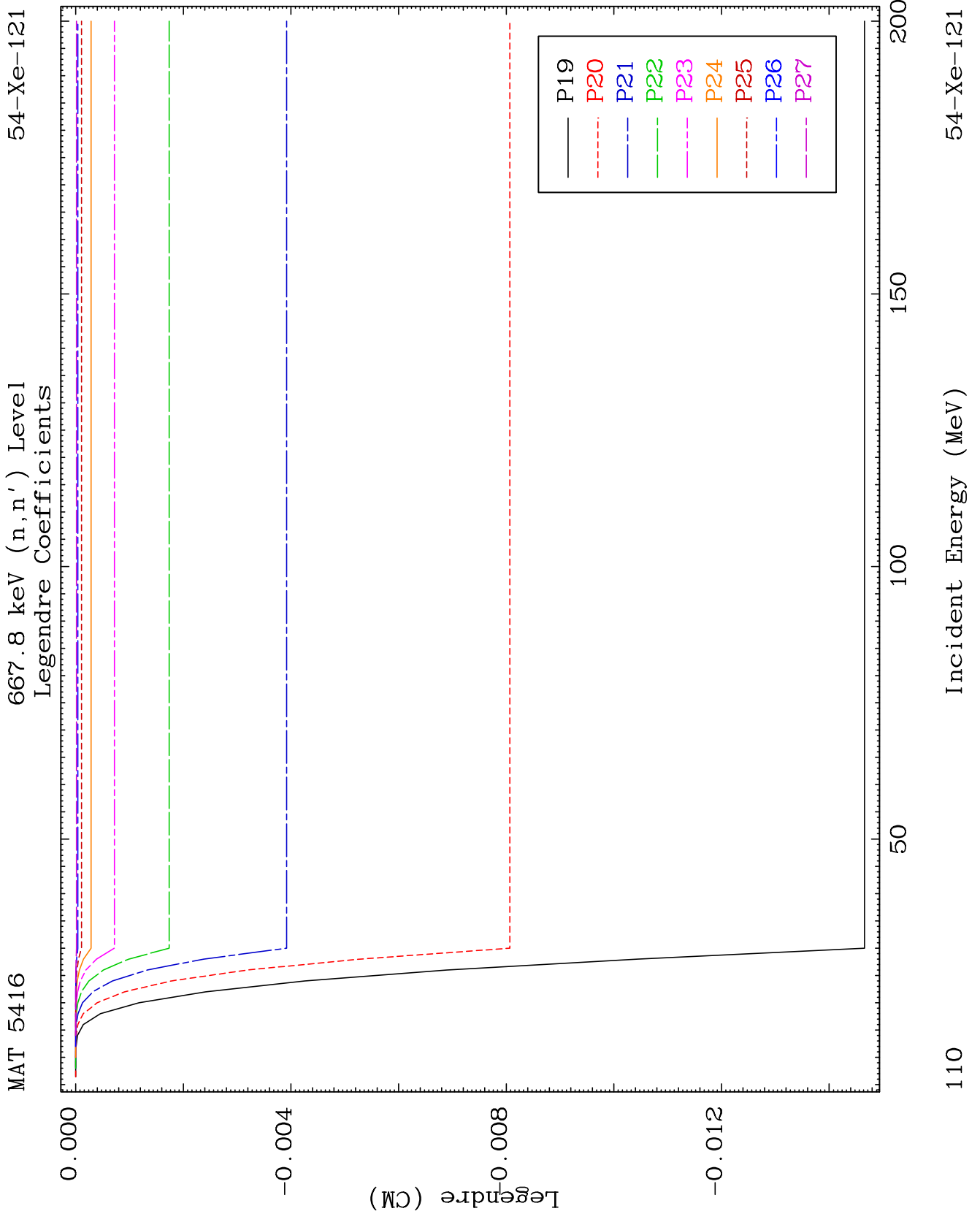


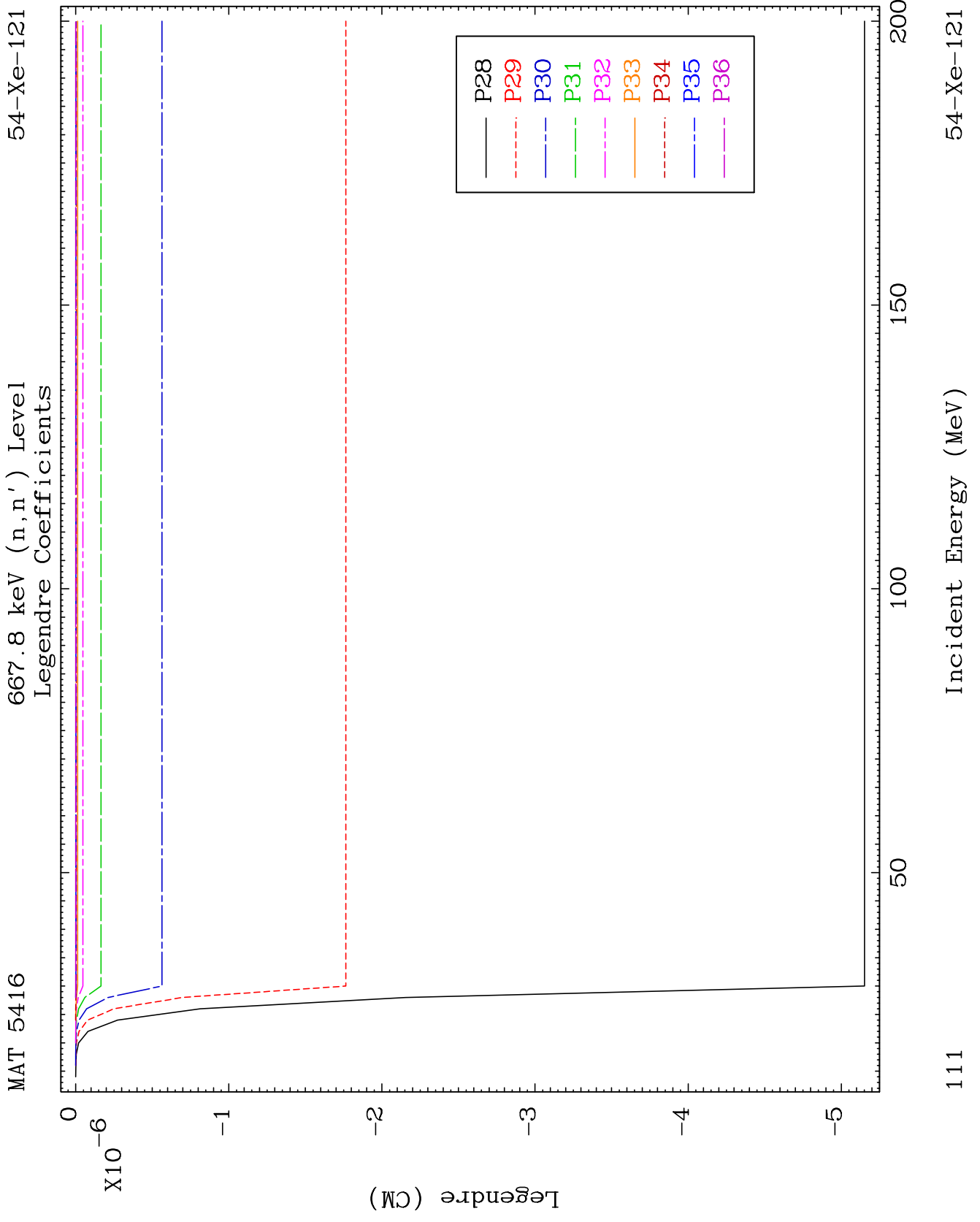
54-Xe-121

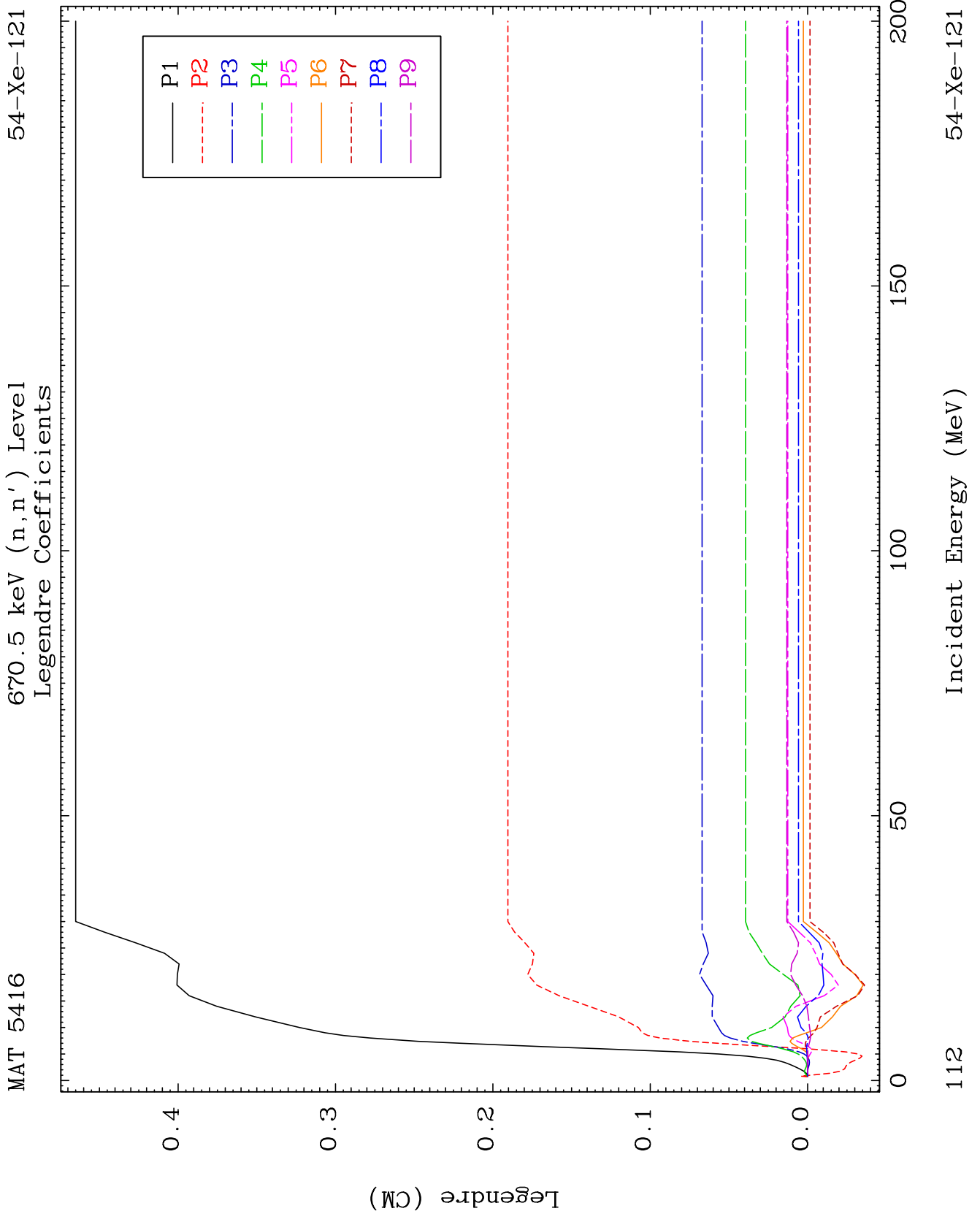
Incident Energy (MeV)

108





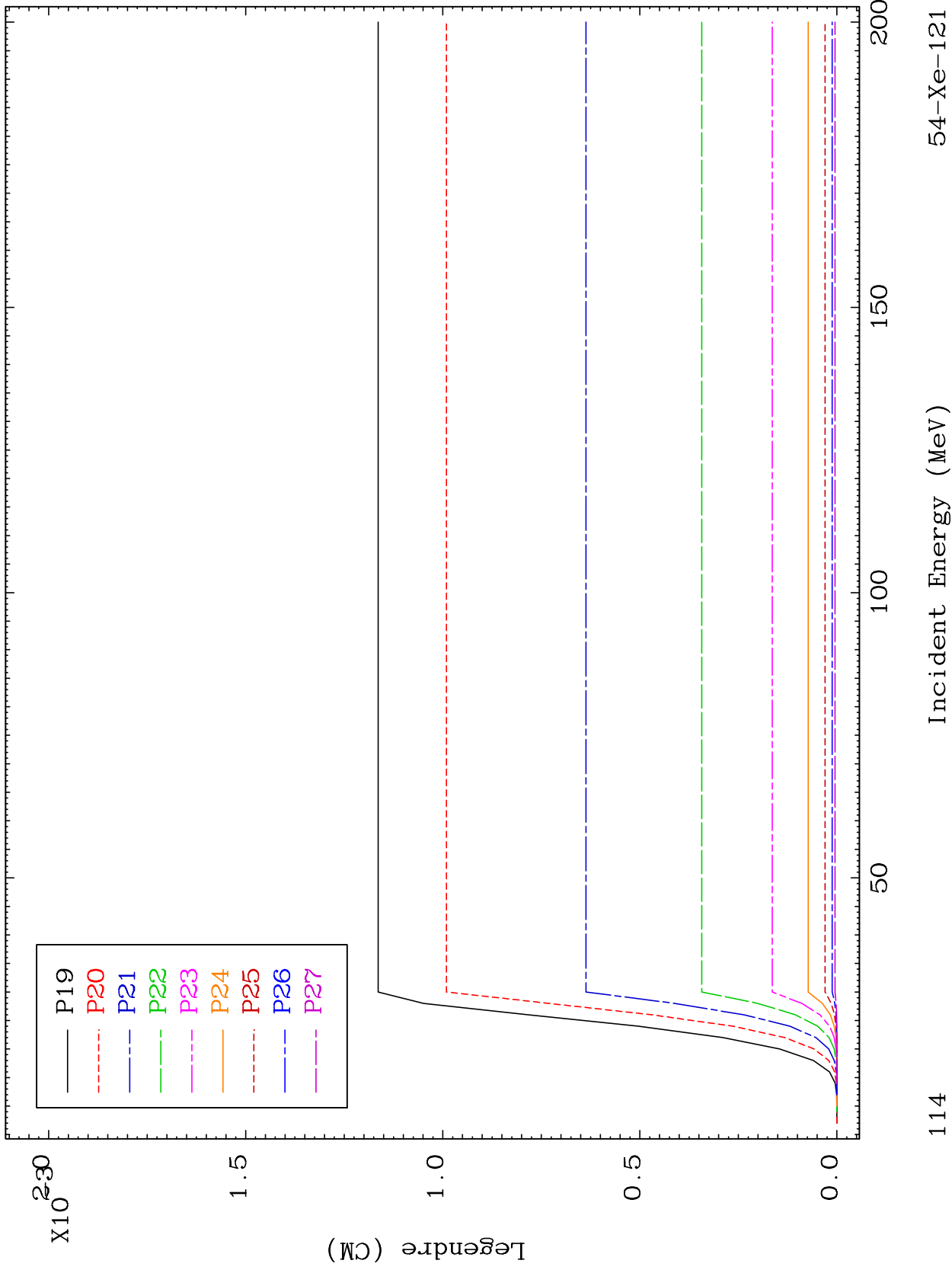




MAT 5416

670.5 keV (n,n') Level
Legendre Coefficients

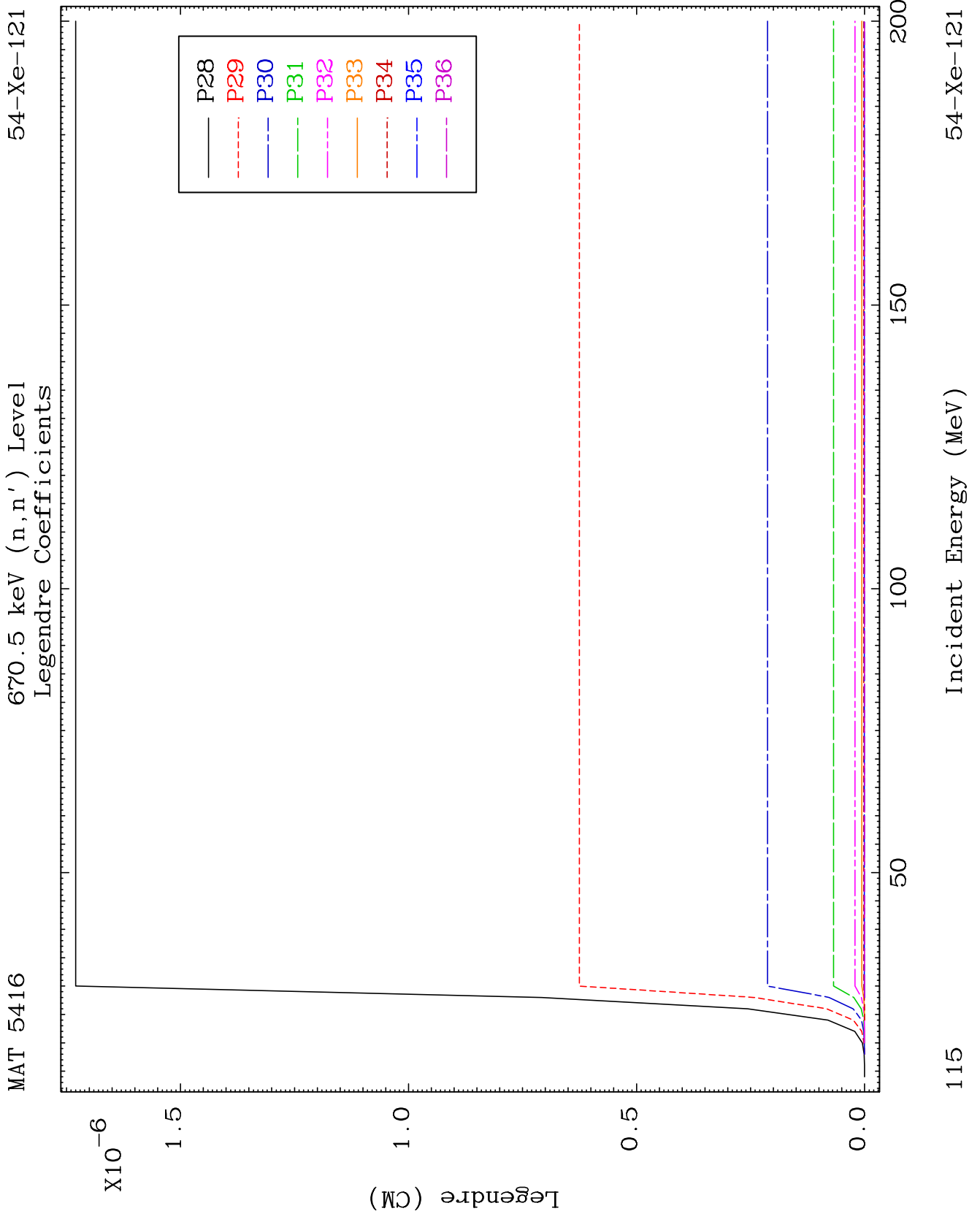
54-Xe-121

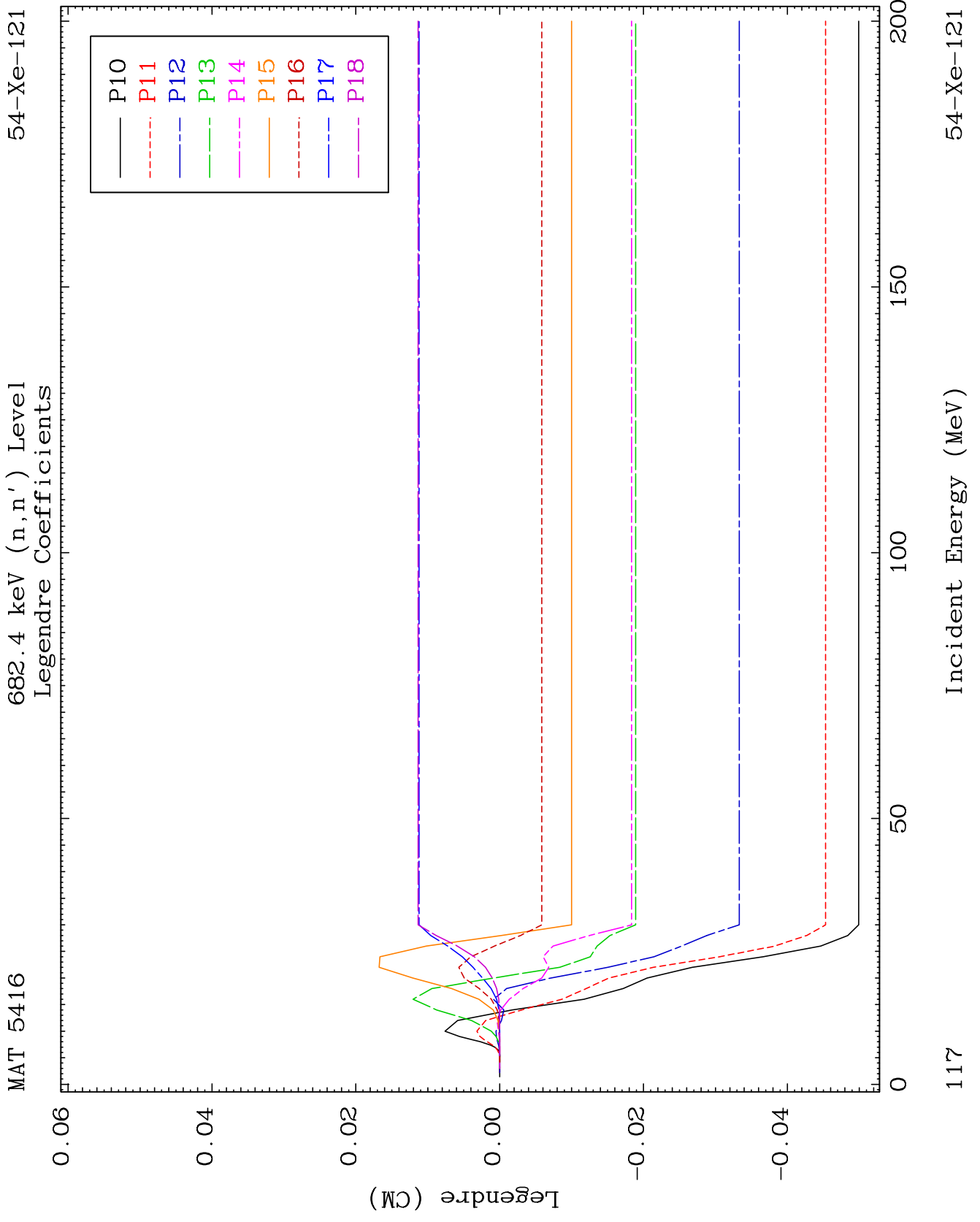


114

Incident Energy (MeV)

54-Xe-121

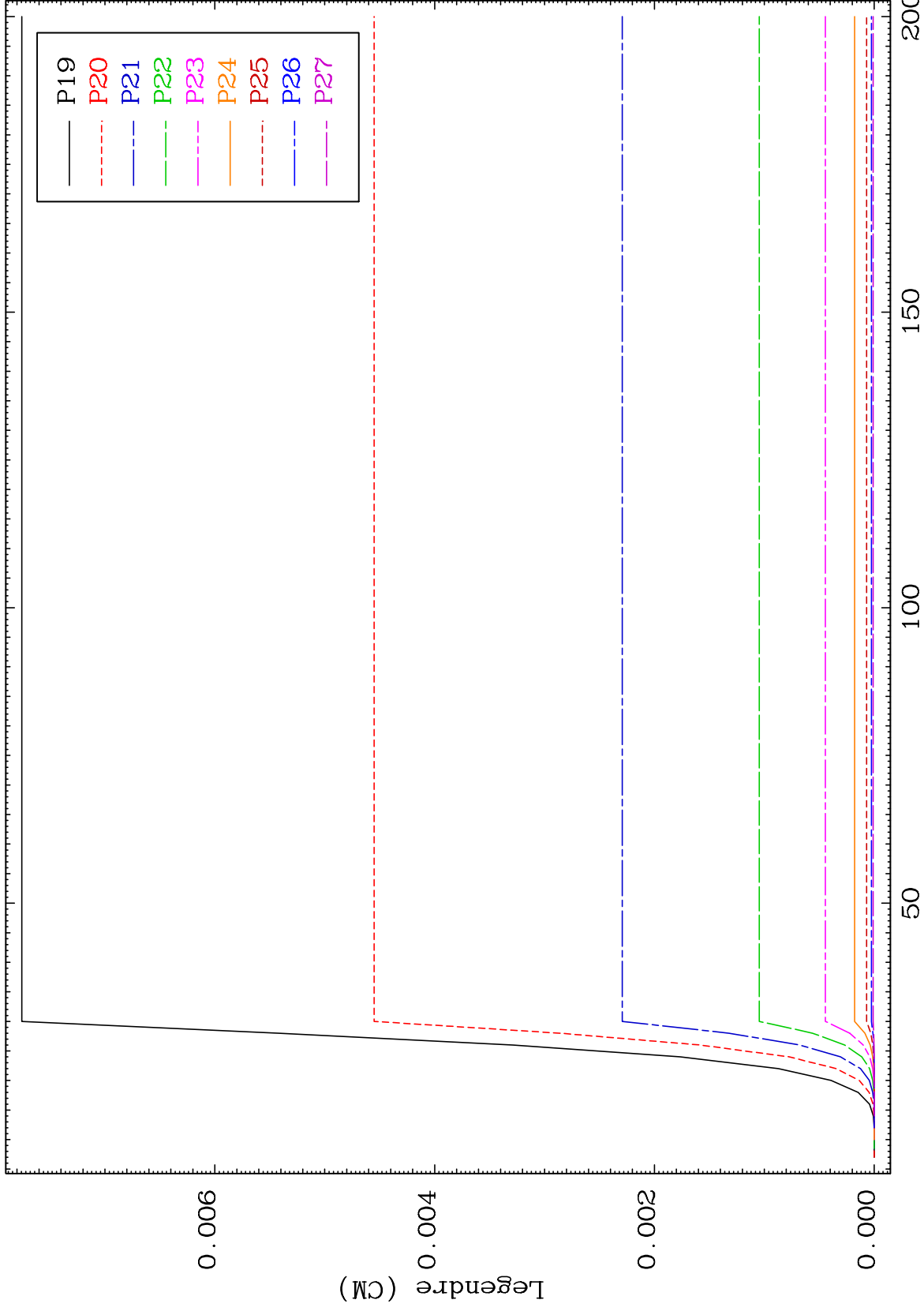




MAT 5416

682.4 keV (n,n') Level
Legendre Coefficients

54-Xe-121



118

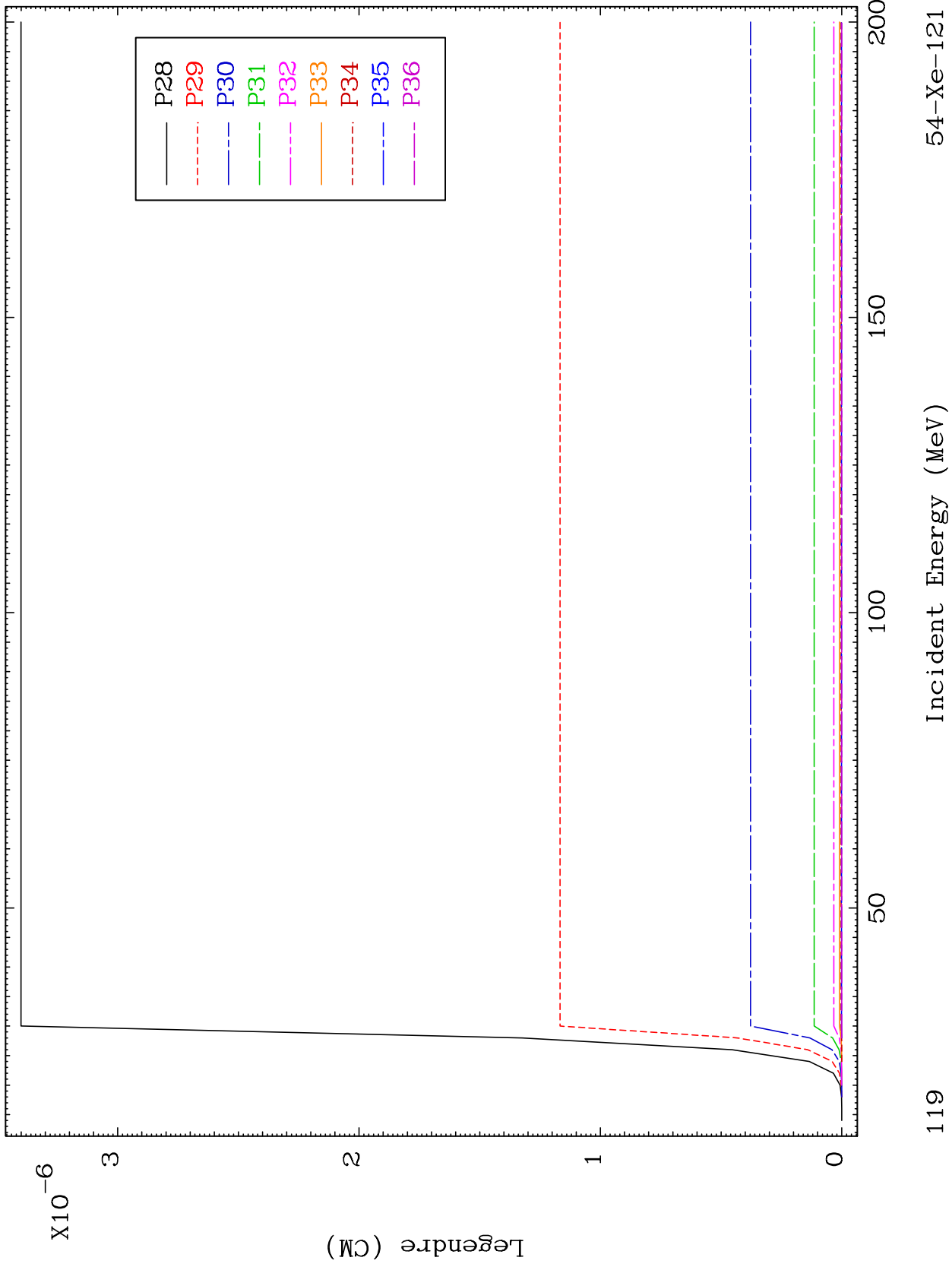
Incident Energy (MeV)

54-Xe-121

MAT 5416

682.4 keV (n,n') Level
Legendre Coefficients

54-Xe-121



119

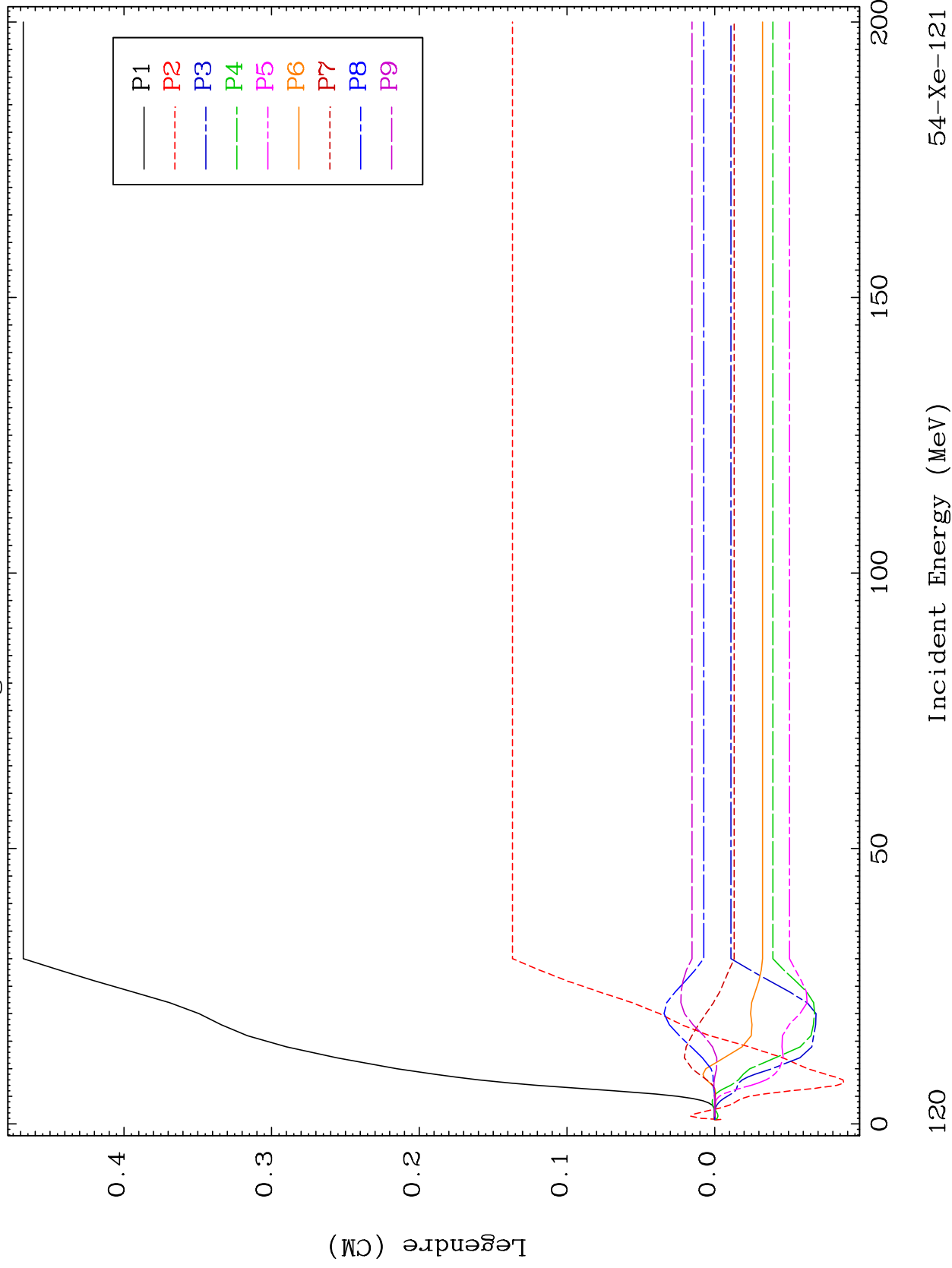
Incident Energy (MeV)

54-Xe-121

MAT 5416

687.0 keV (n,n') Level
Legendre Coefficients

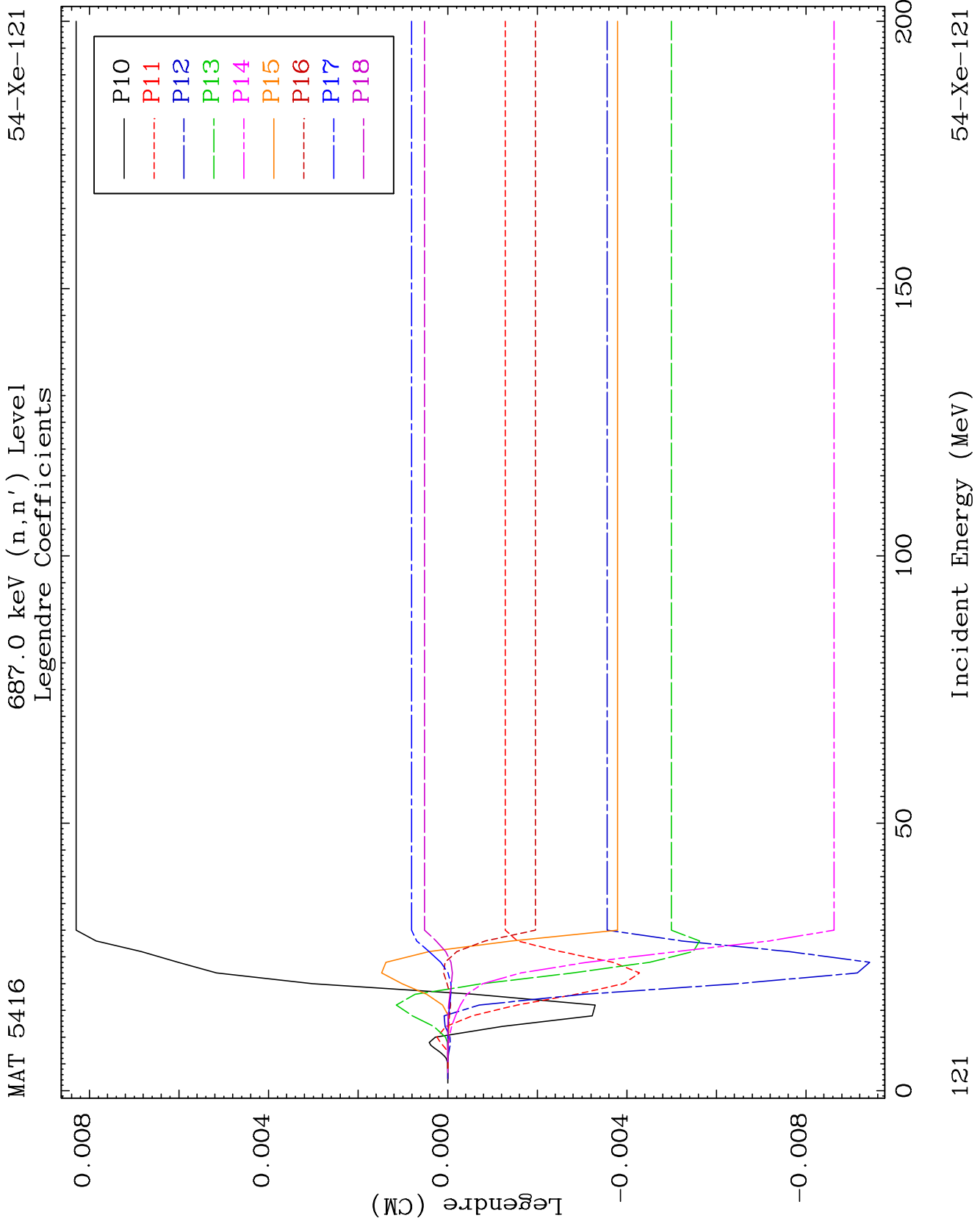
54-Xe-121

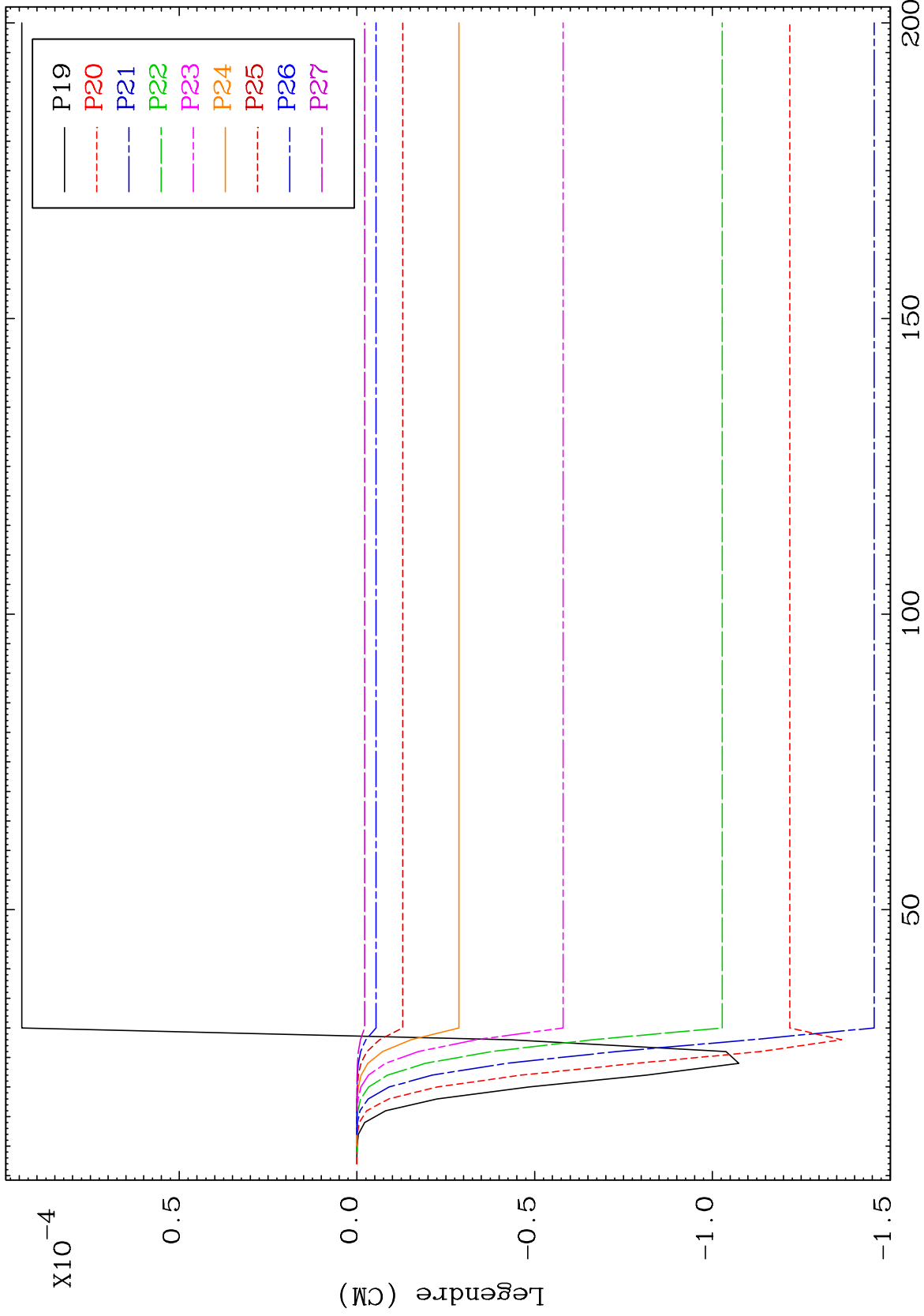


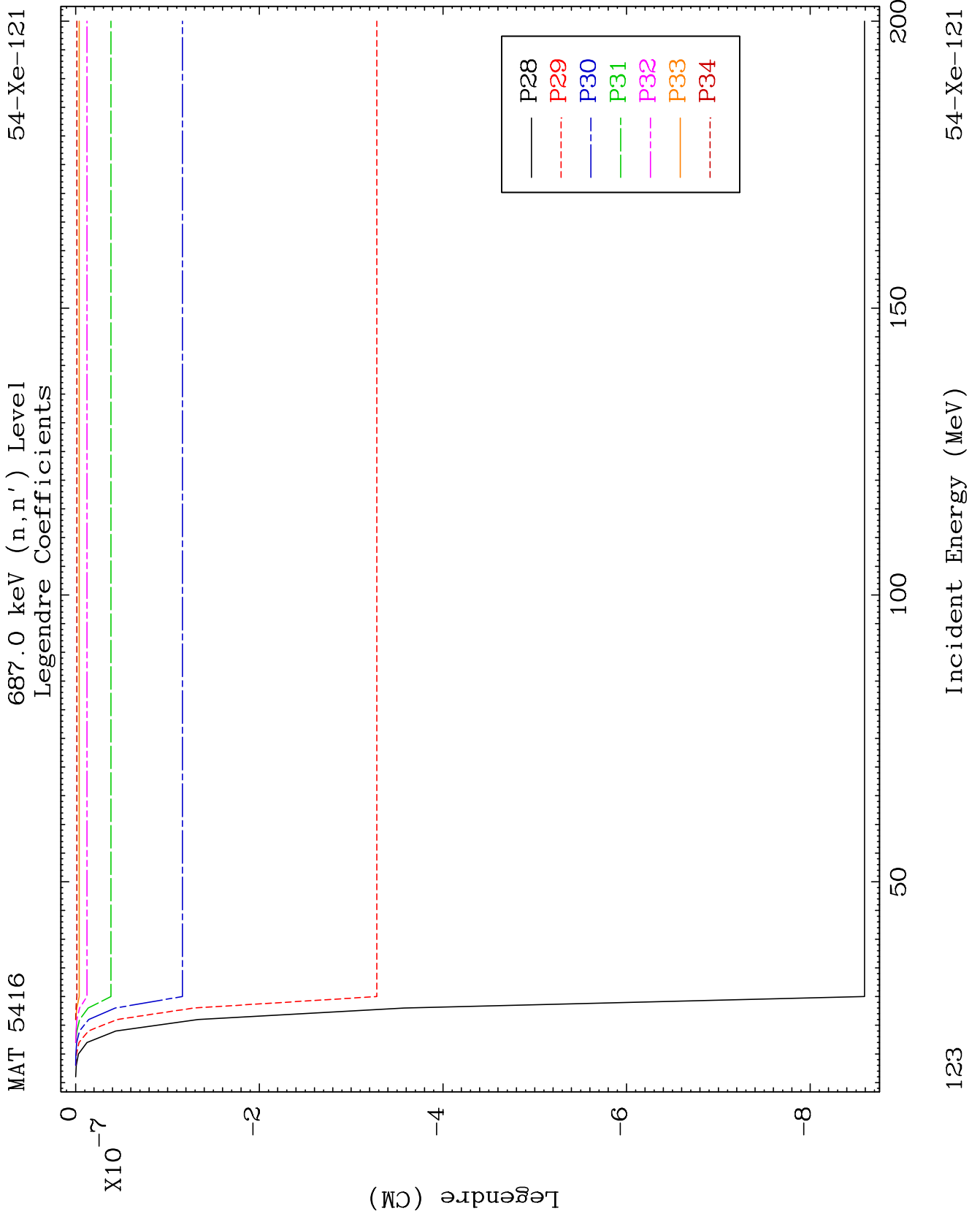
54-Xe-121

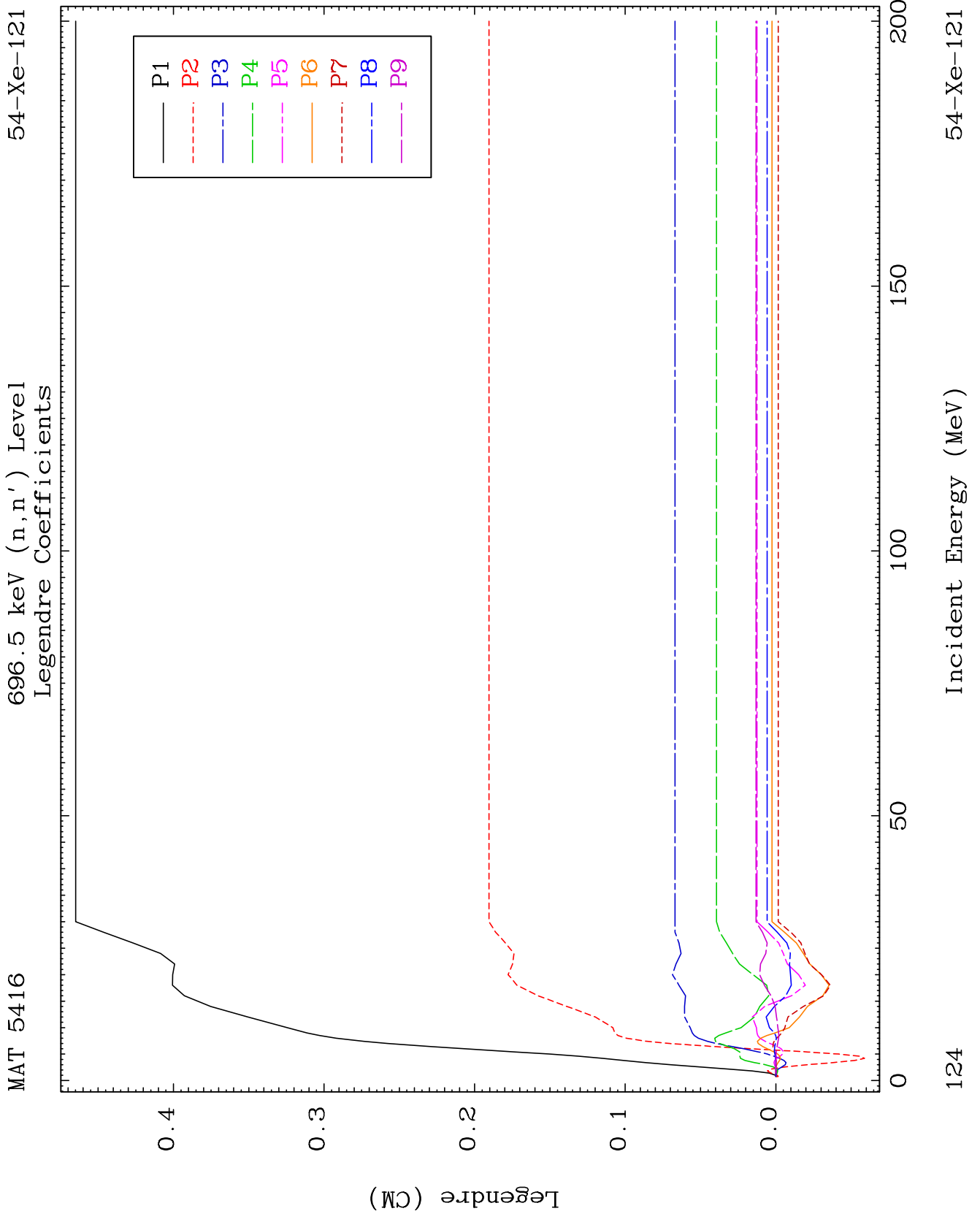
Incident Energy (MeV)

120





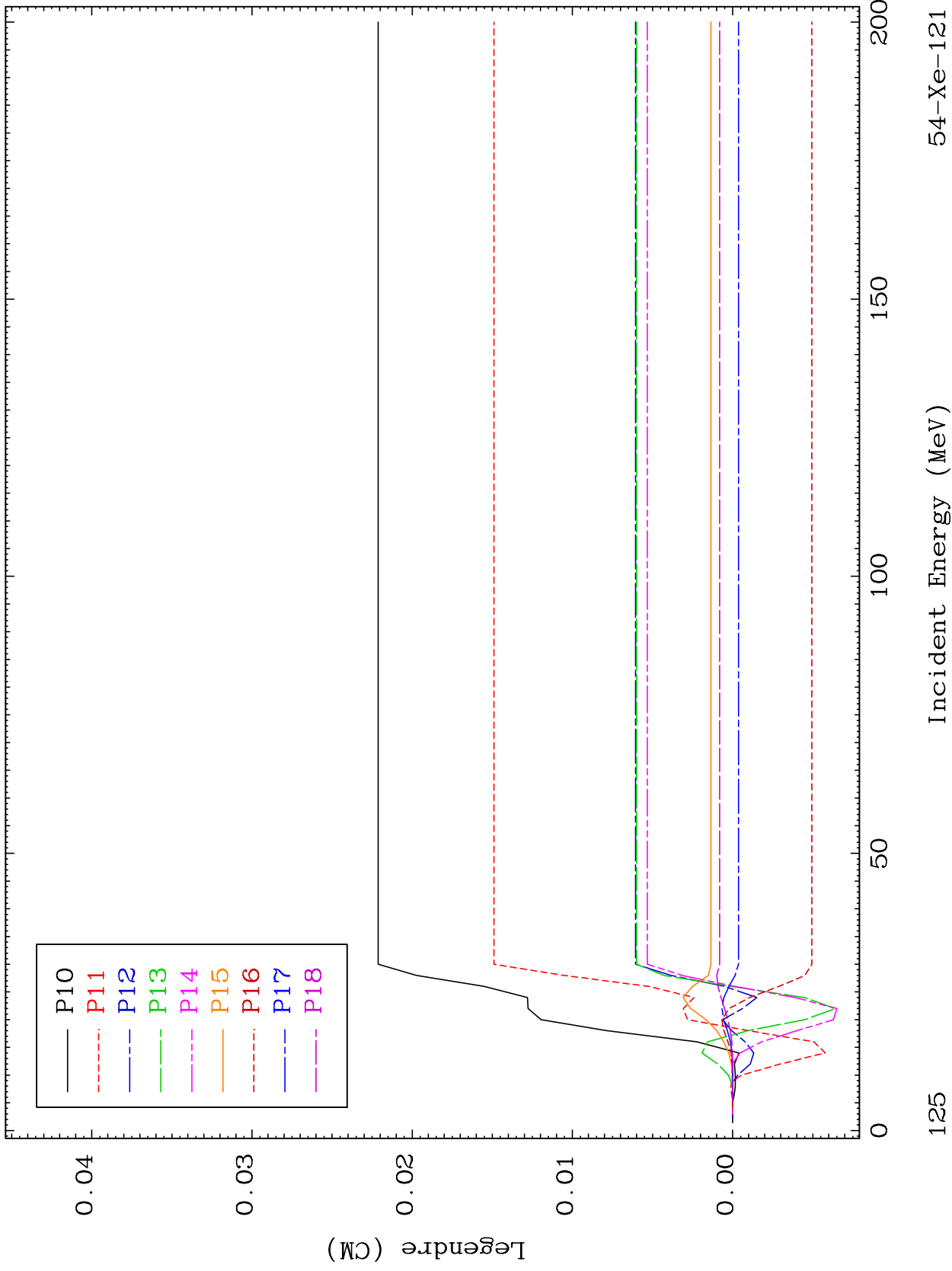




MAT 5416

696.5 keV (n,n') Level
Legendre Coefficients

54-Xe-121



54-Xe-121

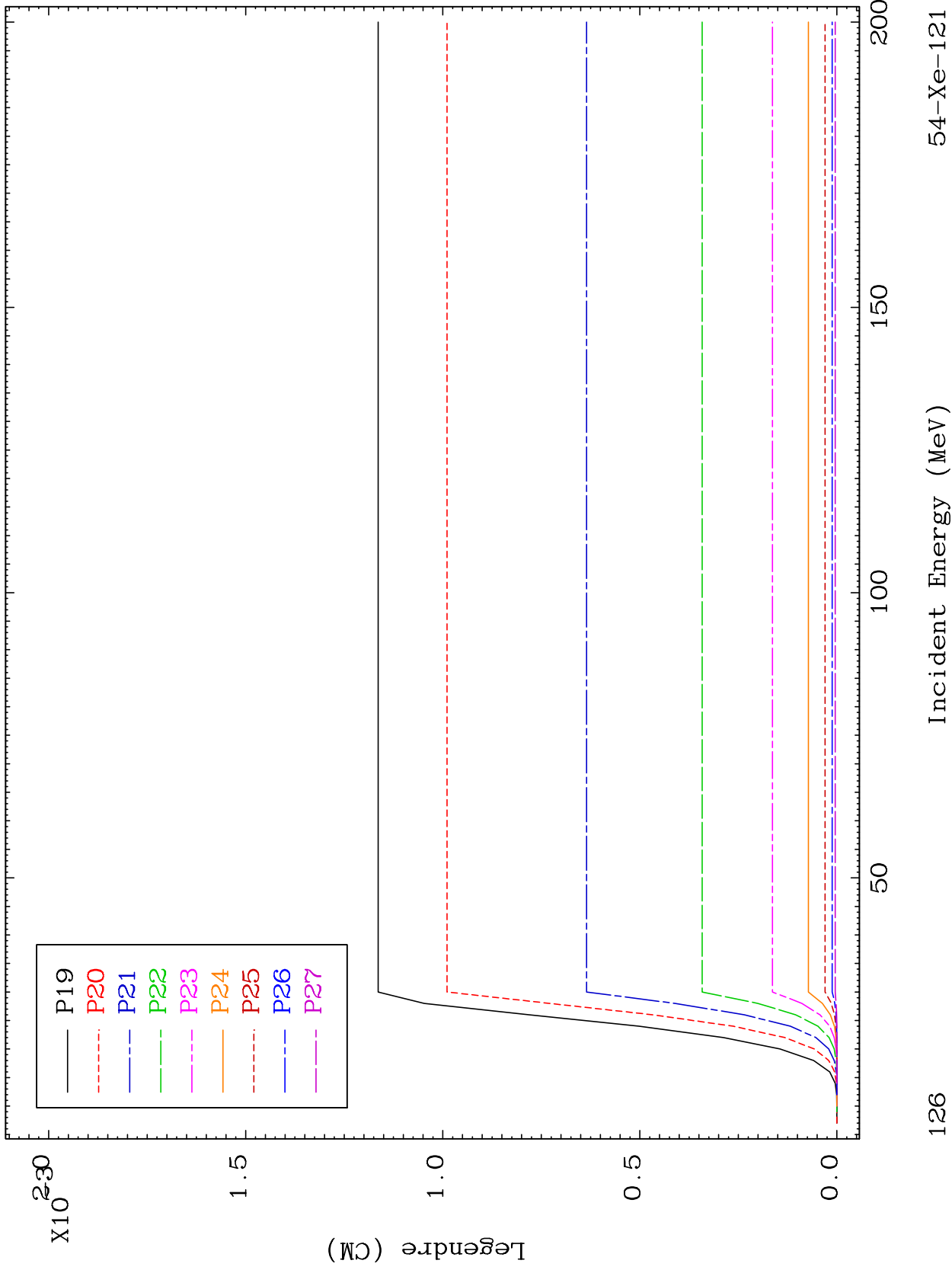
Incident Energy (MeV)

125

MAT 5416

696.5 keV (n,n') Level
Legendre Coefficients

54-Xe-121

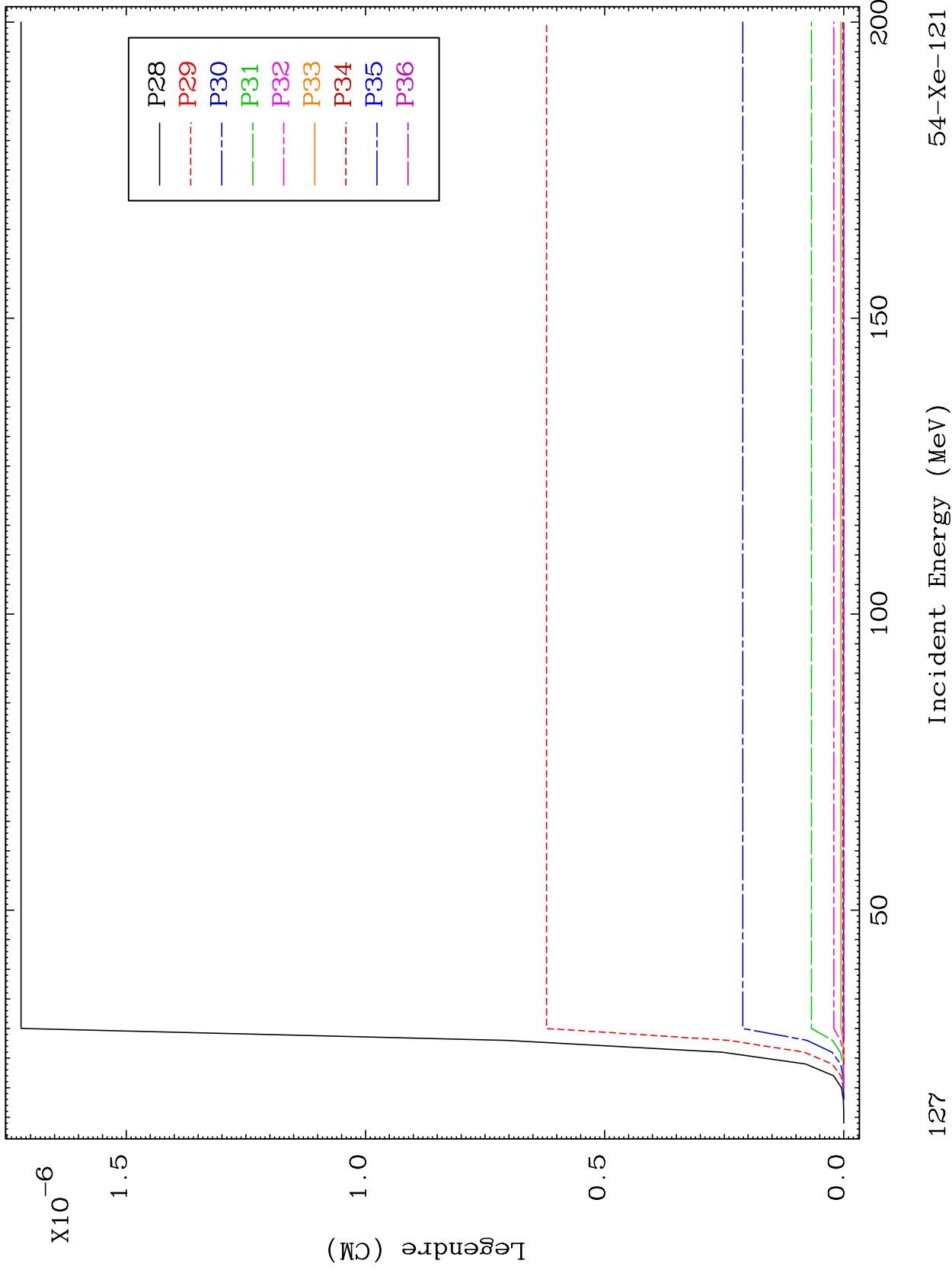


126

MAT 5416

696.5 keV (n,n') Level
Legendre Coefficients

54-Xe-121



127

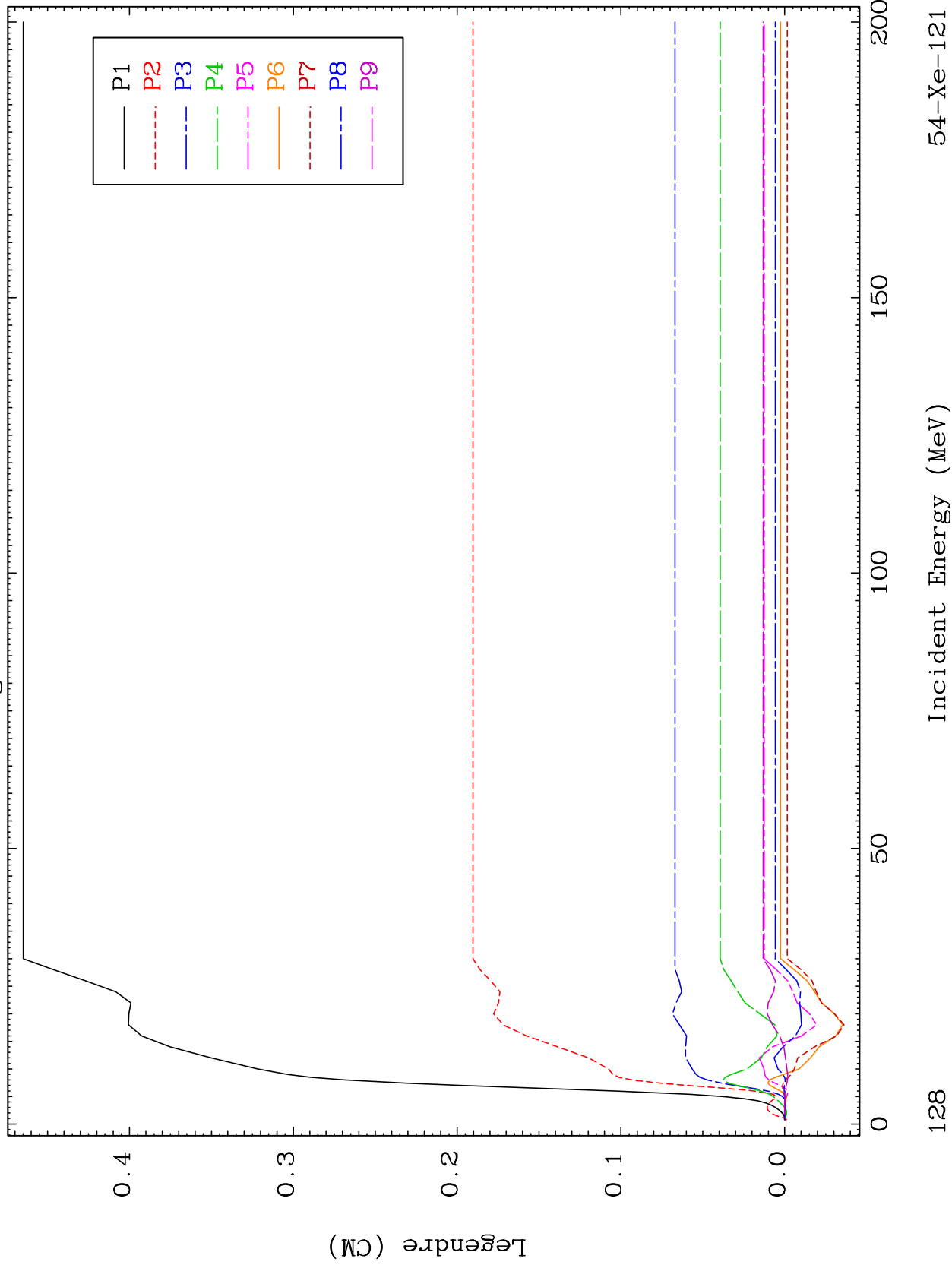
Incident Energy (MeV)

54-Xe-121

MAT 5416

706.2 keV (n,n') Level
Legendre Coefficients

54-Xe-121



54-Xe-121

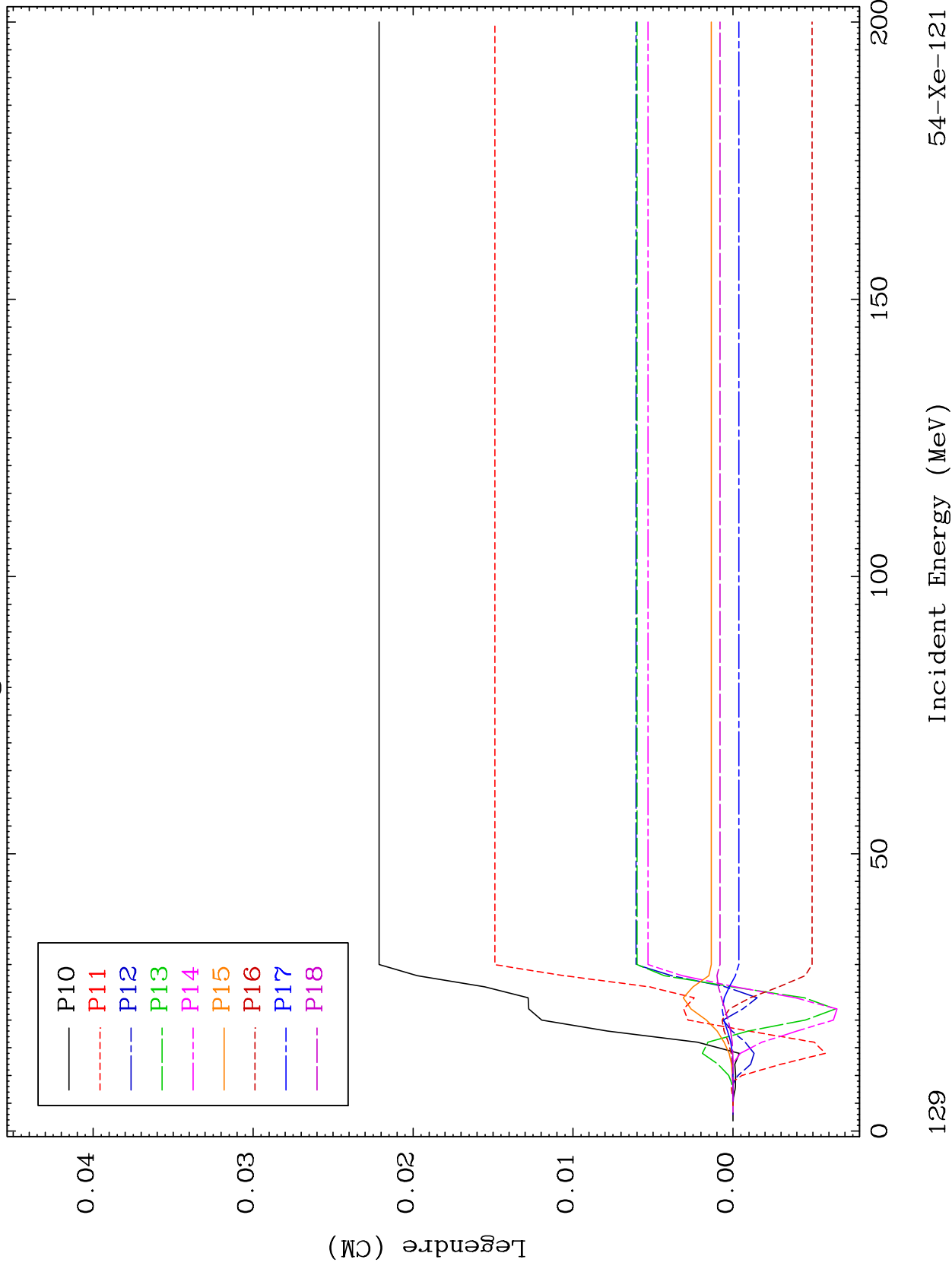
Incident Energy (MeV)

128

MAT 5416

706.2 keV (n,n') Level
Legendre Coefficients

54-Xe-121



129

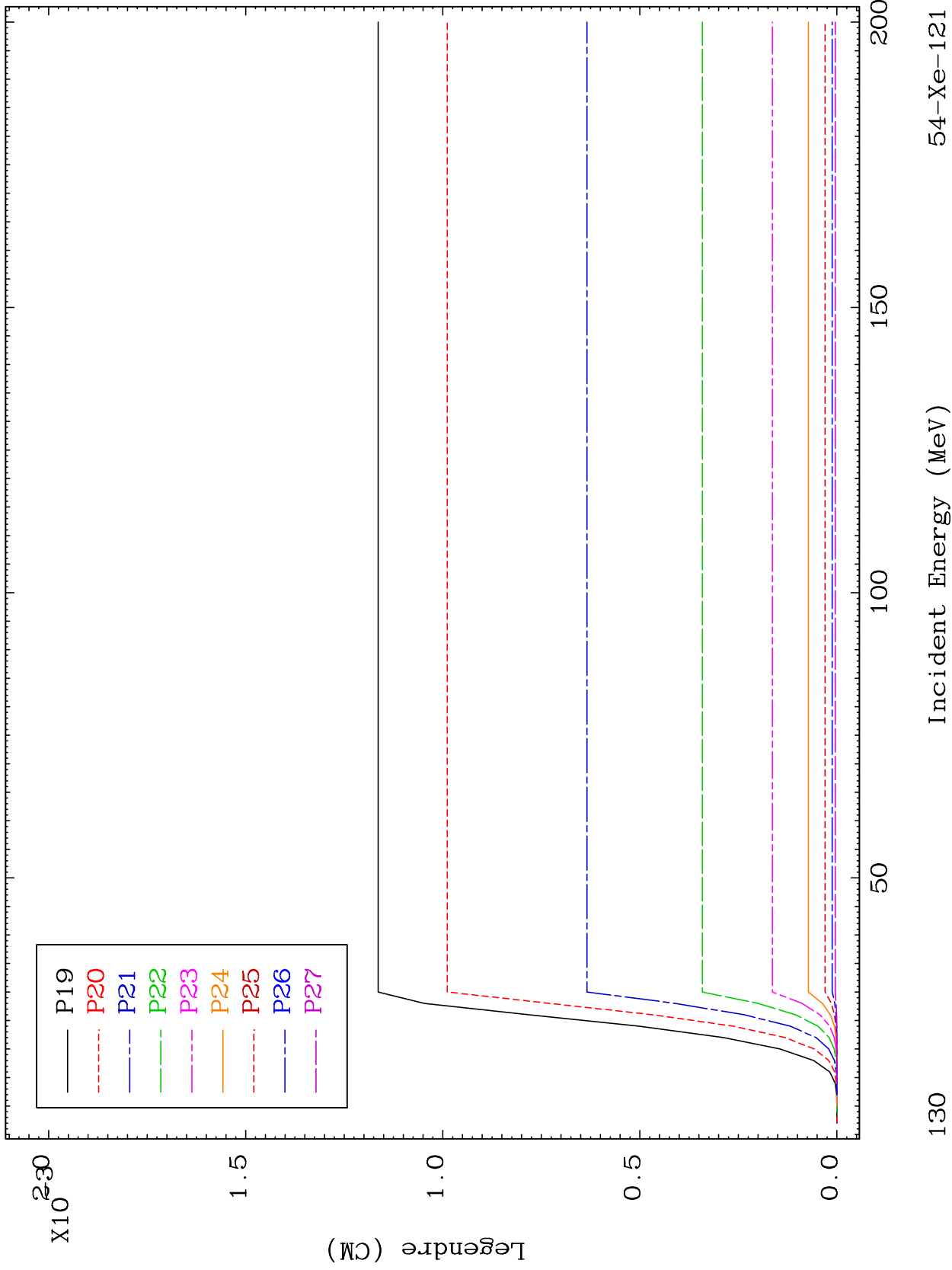
Incident Energy (MeV)

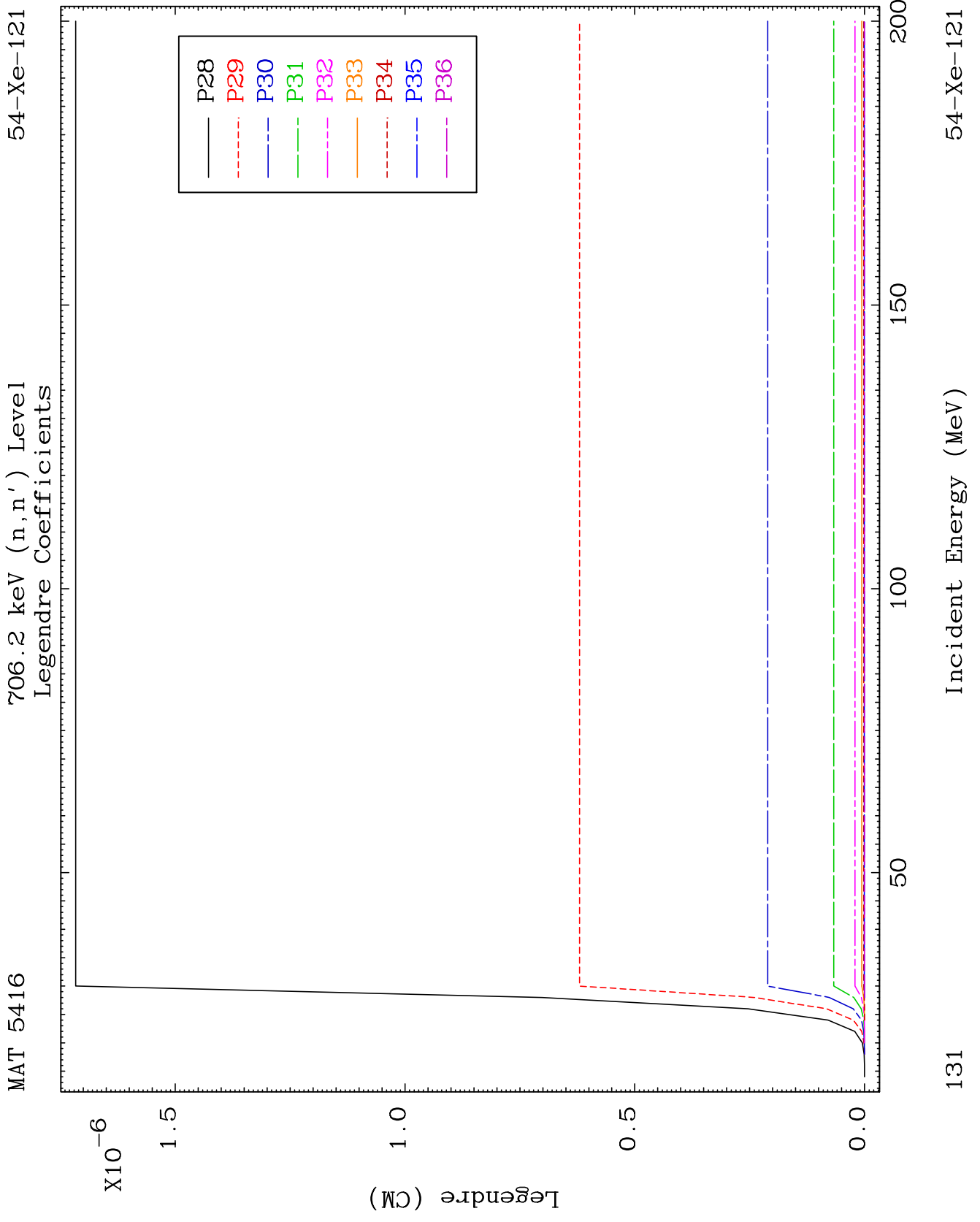
54-Xe-121

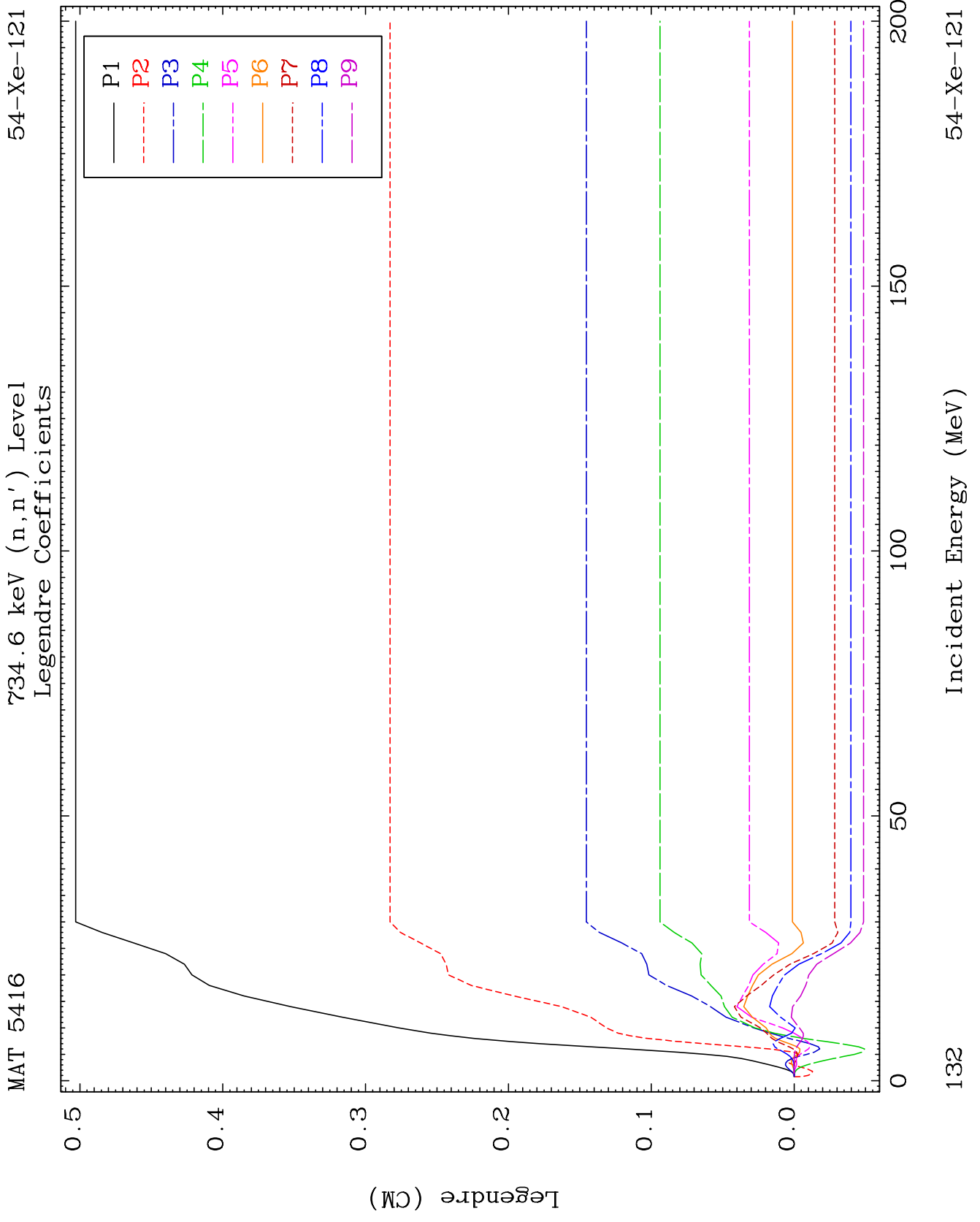
MAT 5416

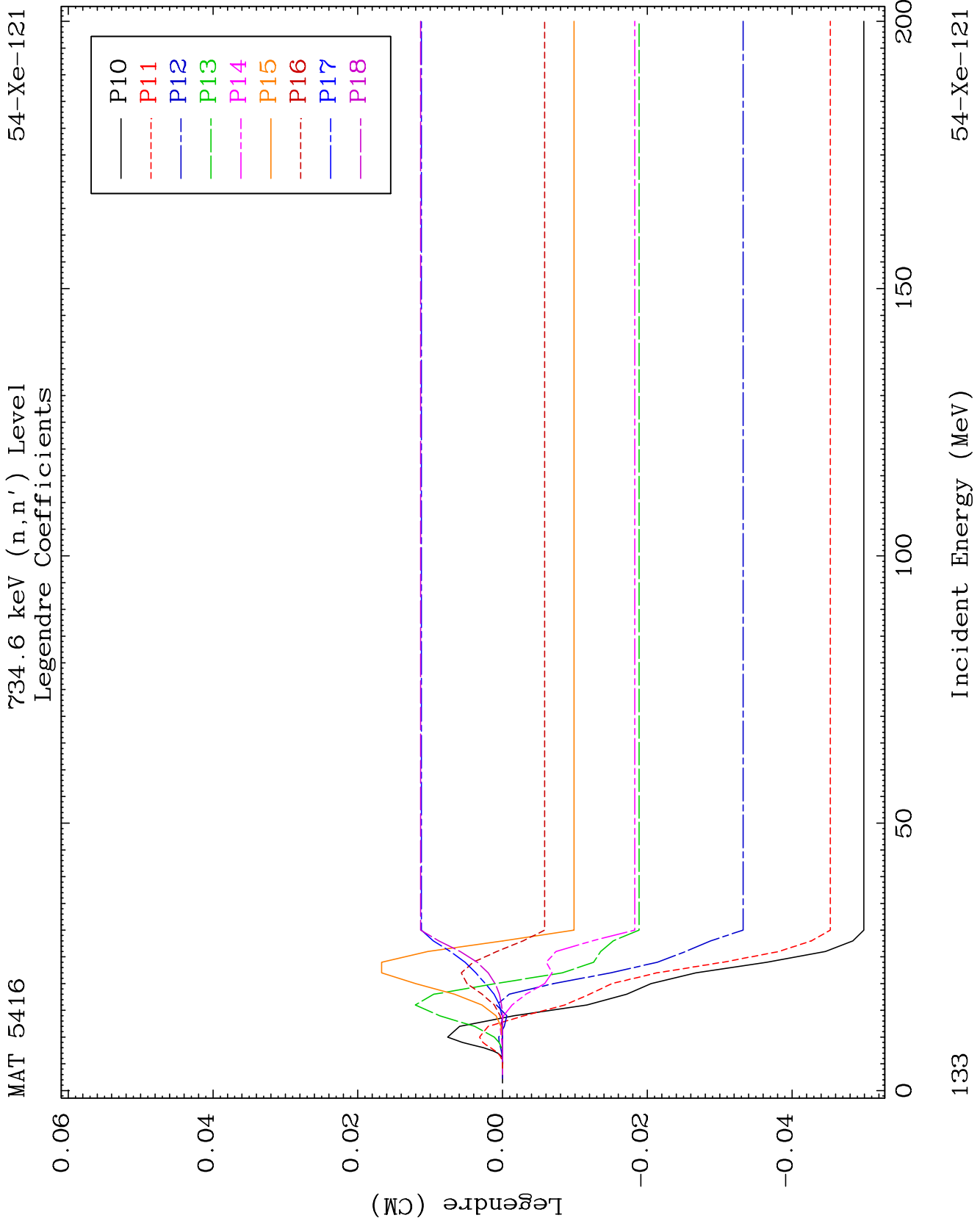
706.2 keV (n, n') Level
Legendre Coefficients

54-Xe-121





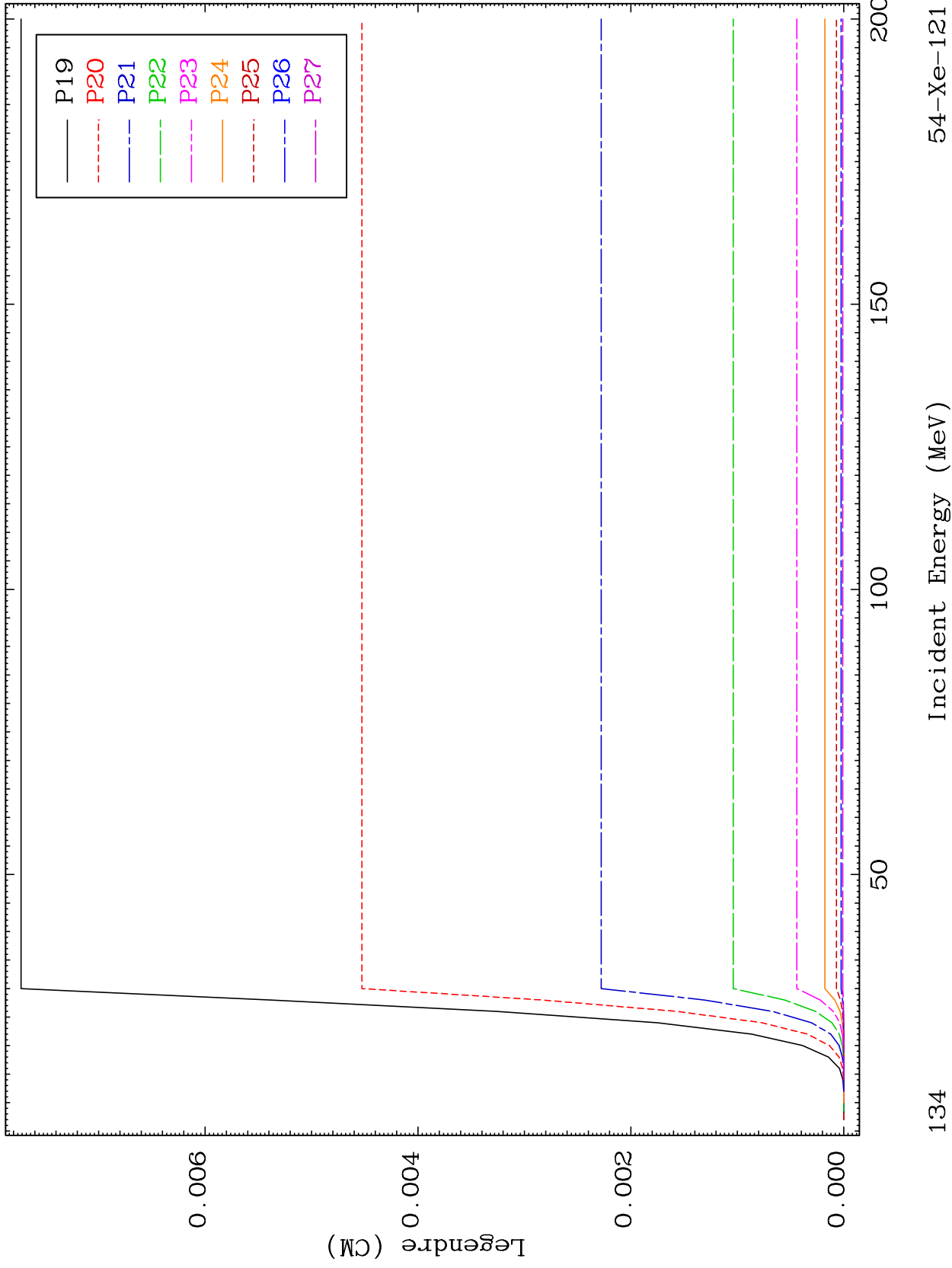




MAT 5416

734.6 keV (n,n') Level
Legendre Coefficients

54-Xe-121

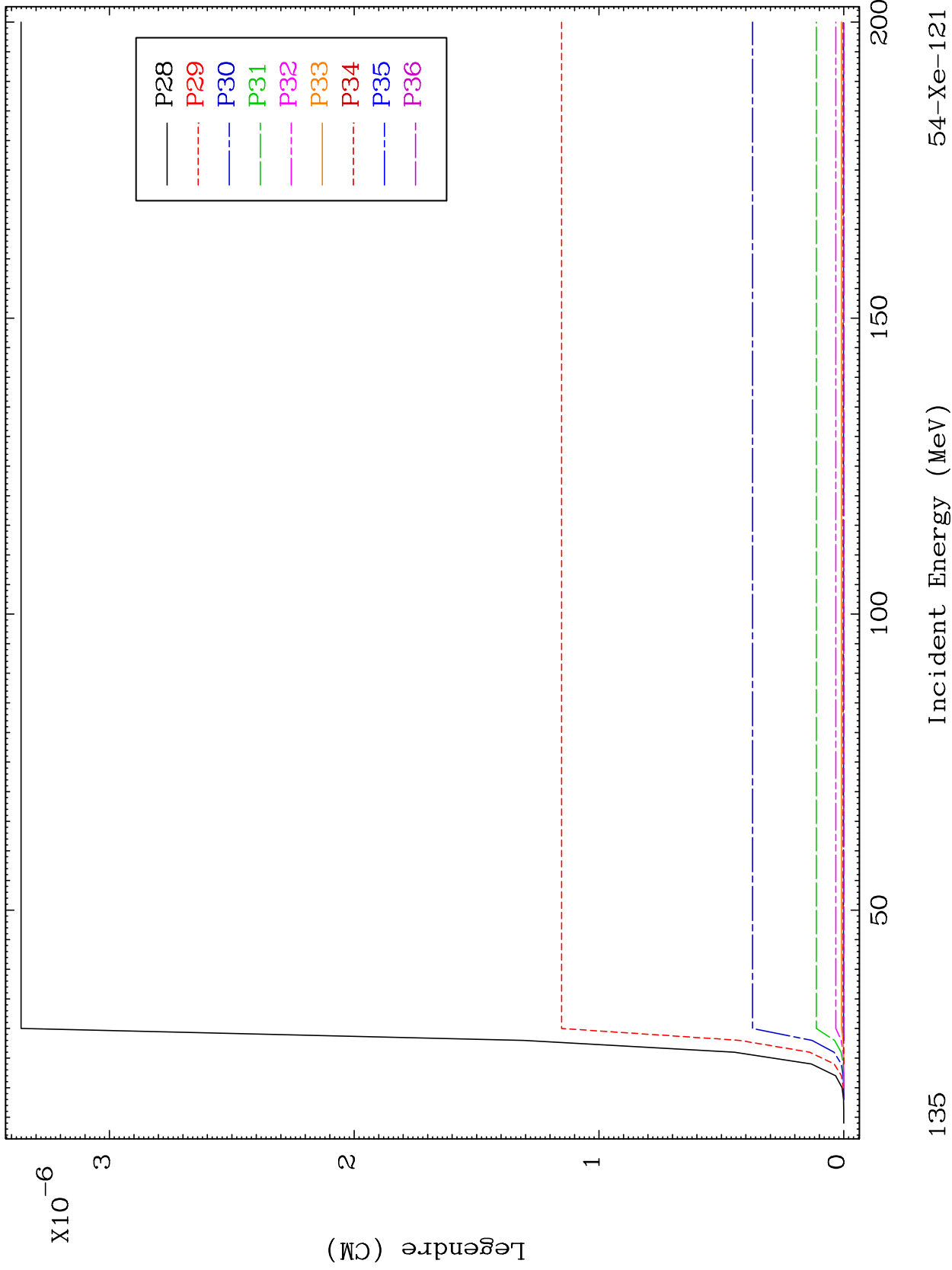


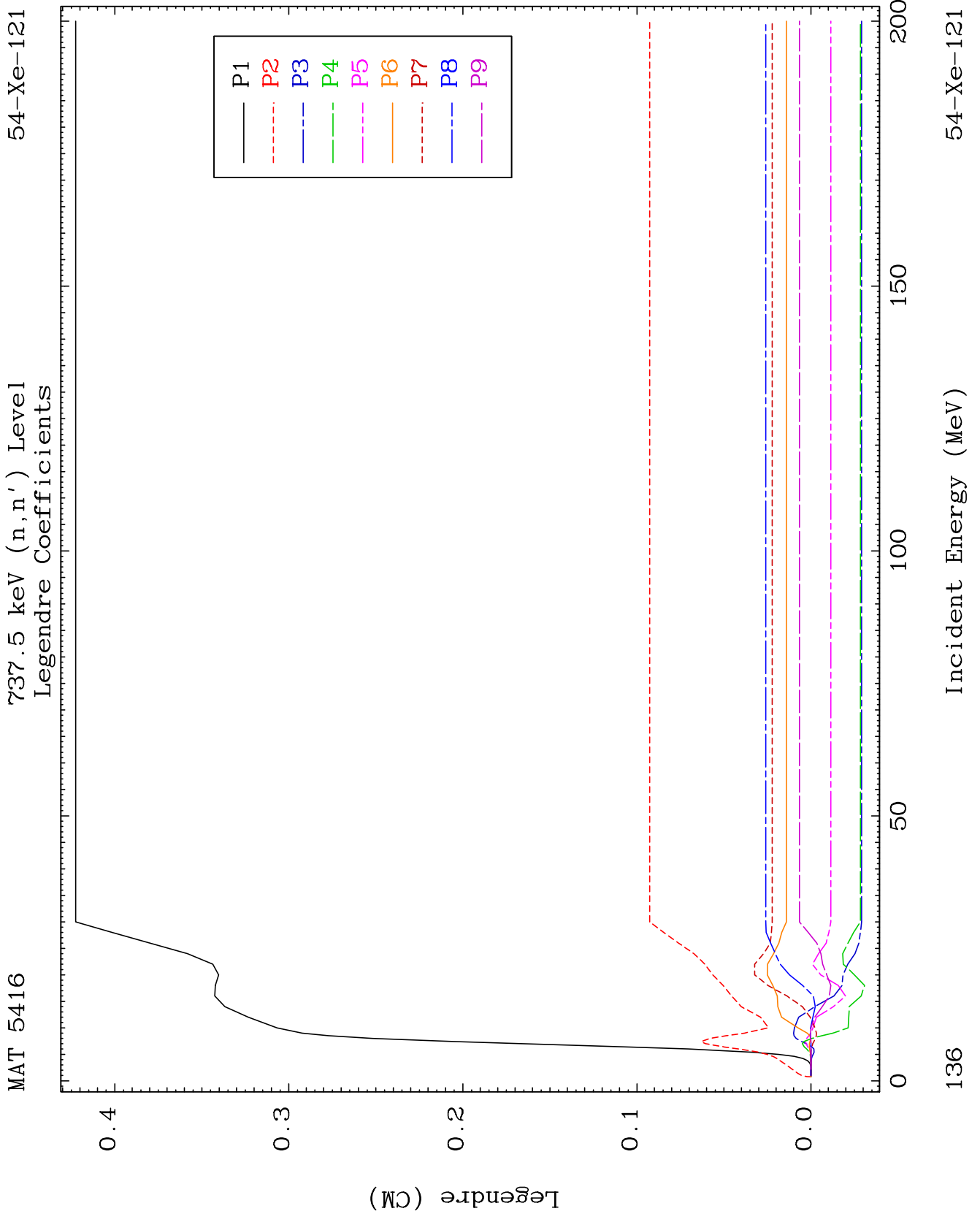
134

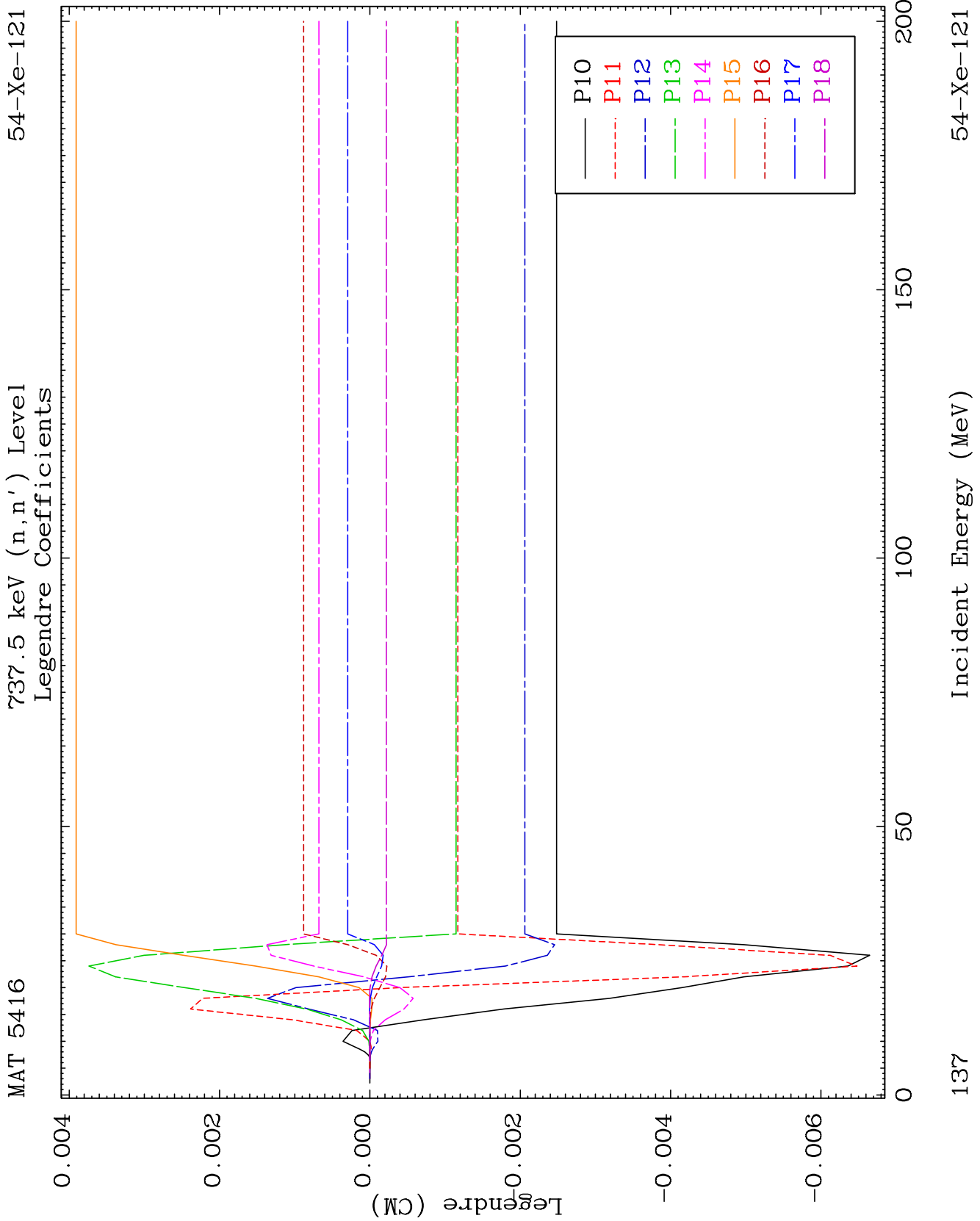
MAT 5416

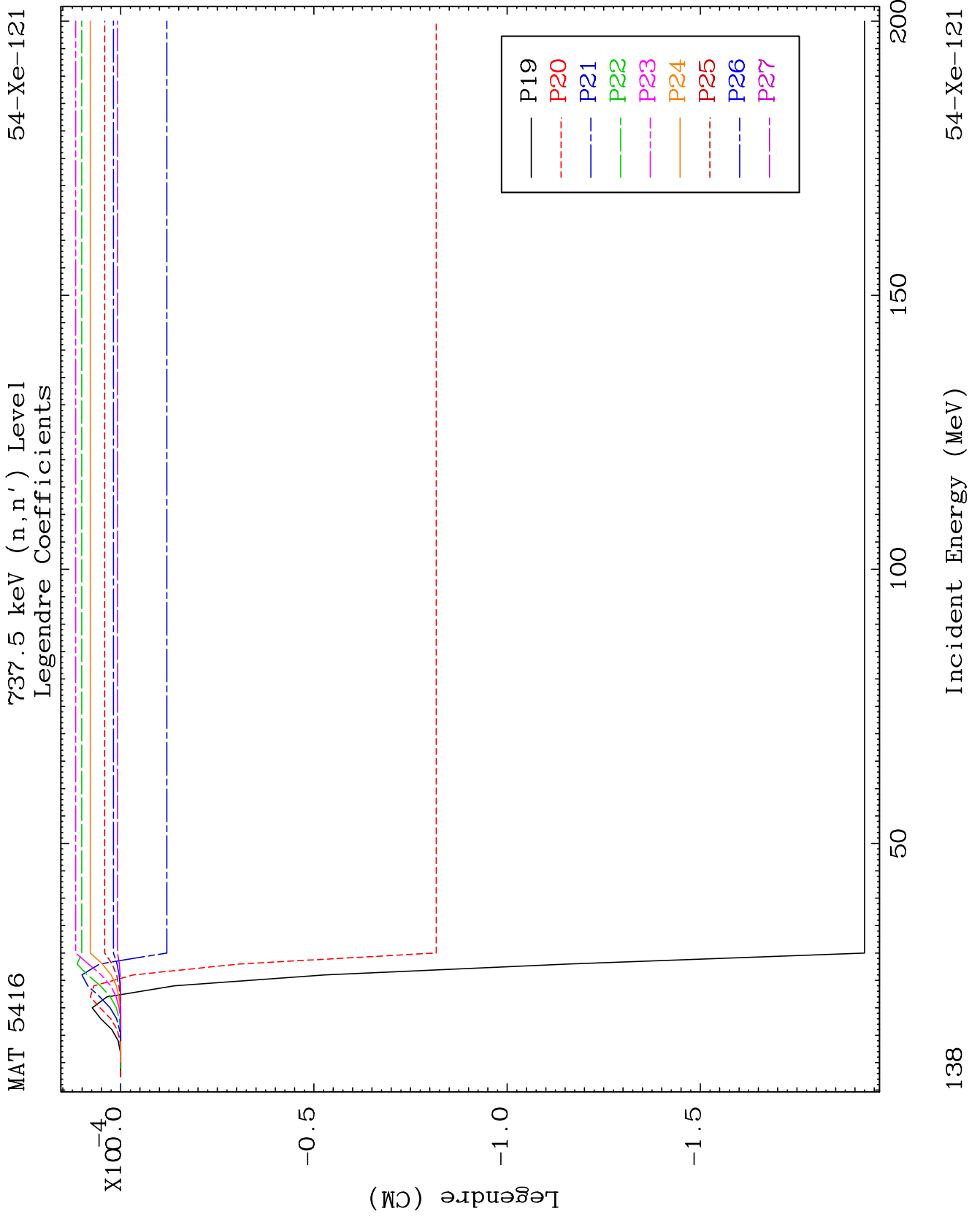
734.6 keV (n,n') Level
Legendre Coefficients

54-Xe-121





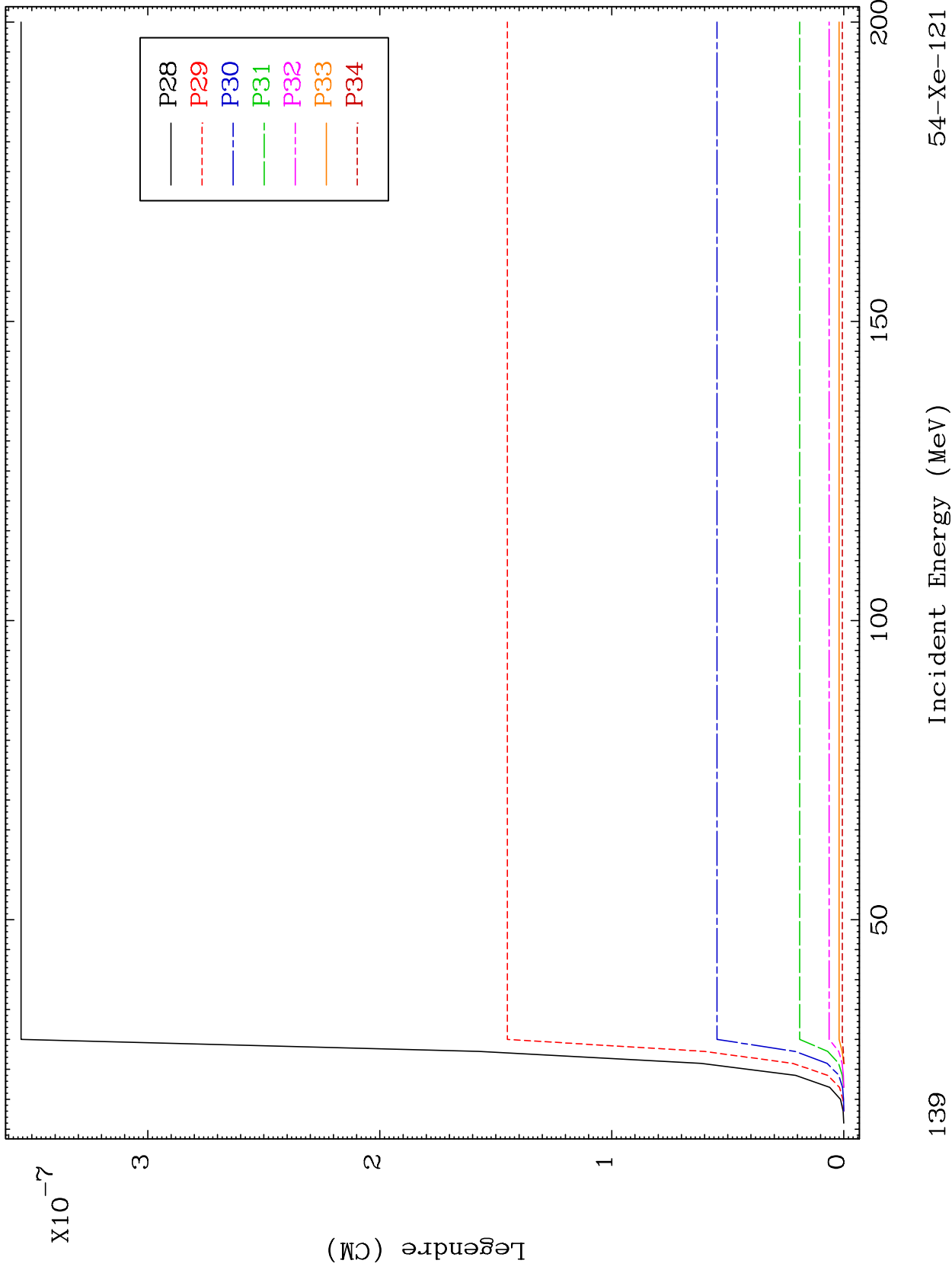




MAT 5416

737.5 keV (n,n') Level
Legendre Coefficients

54-Xe-121



139

Incident Energy (MeV)

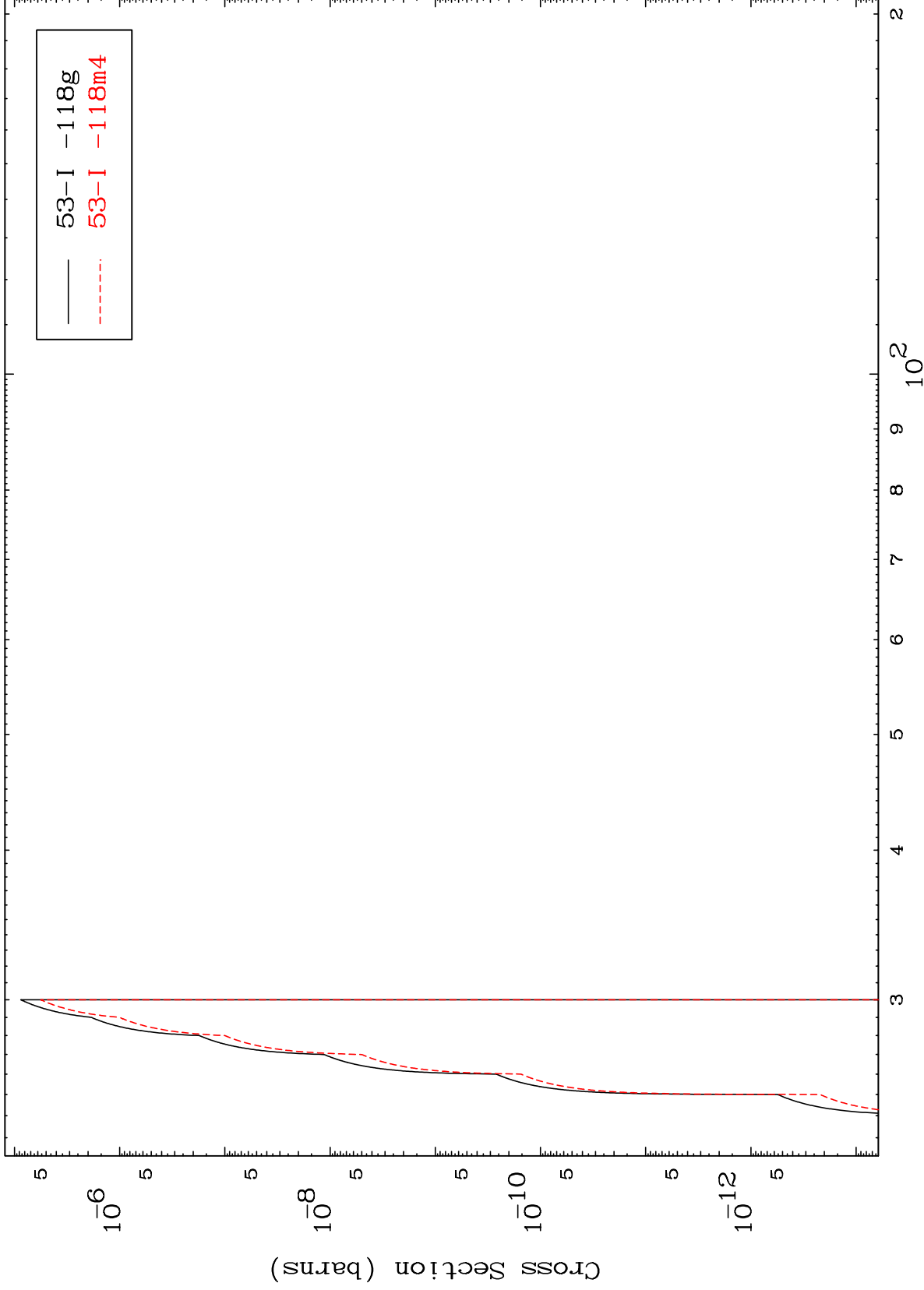
54-Xe-121

MAT 5416

(n,2n) d

54-Xe-121

Radionuclide Production Cross Section



140

Incident Energy (MeV)

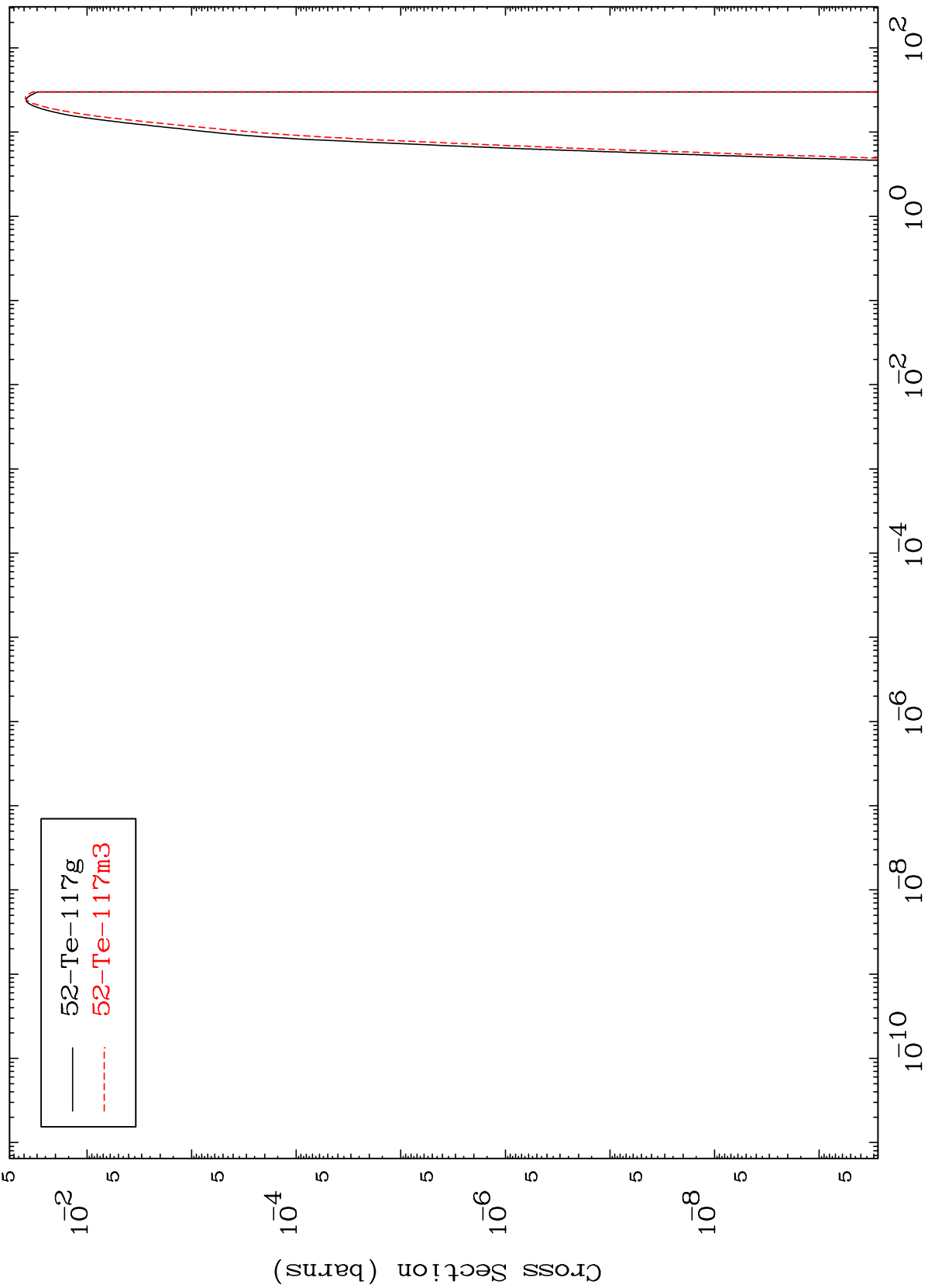
54-Xe-121

MAT 5416

$(n, n') \alpha$

54-Xe-121

Radionuclide Production Cross Section



141

Incident Energy (MeV)

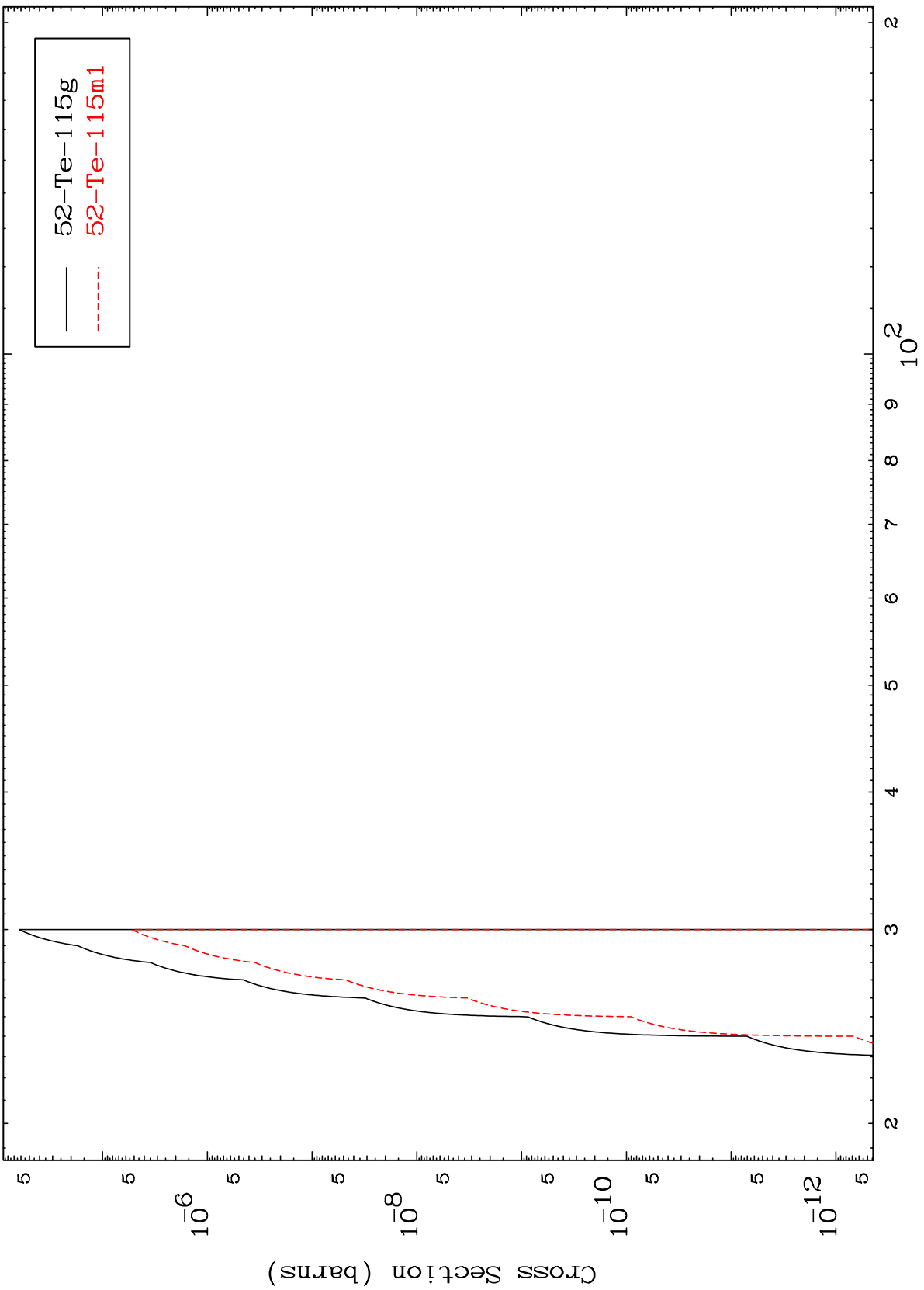
54-Xe-121

MAT 5416

(n,3n) α

54-Xe-121

Radionuclide Production Cross Section



142

Incident Energy (MeV)

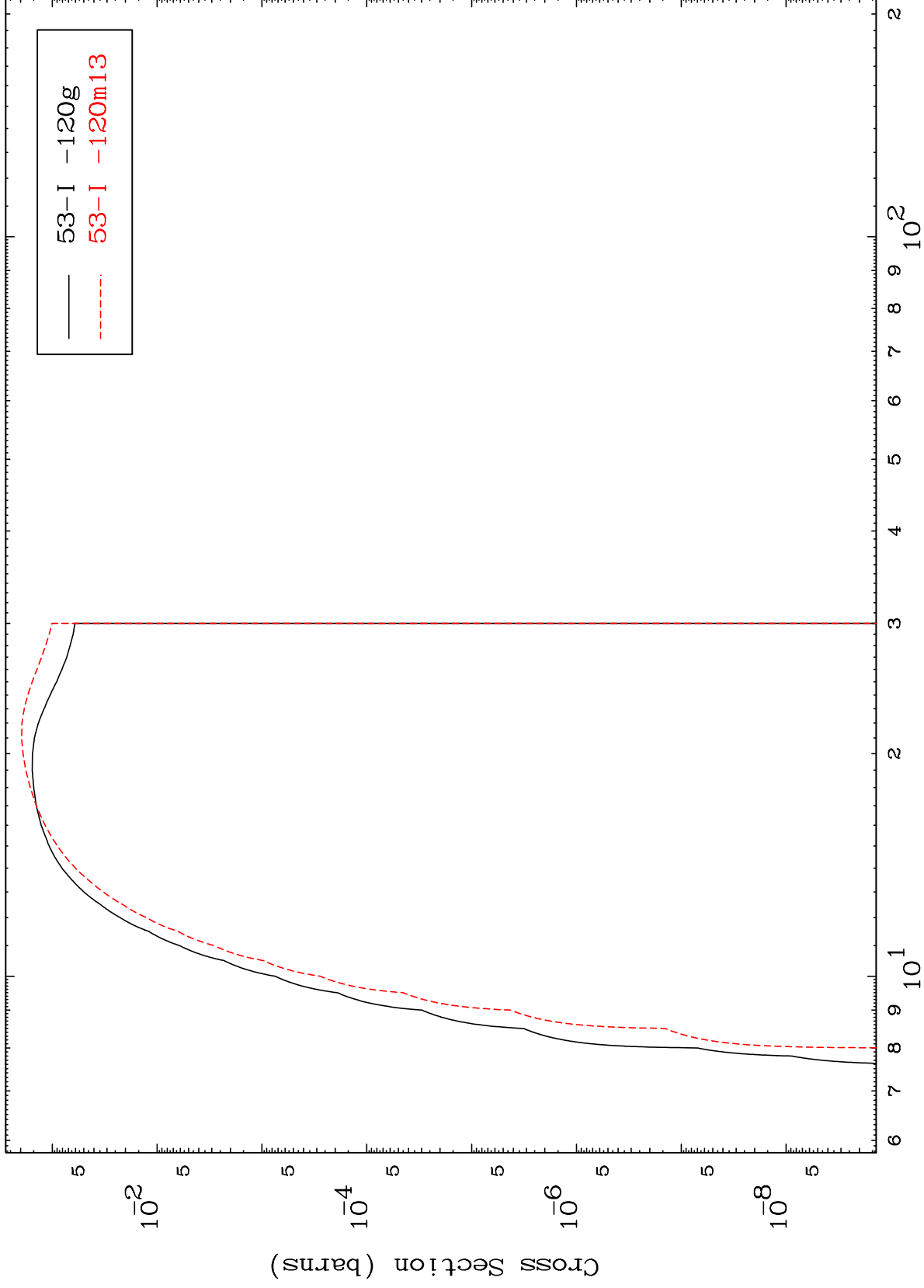
54-Xe-121

MAT 5416

(n,n') p

54-Xe-121

Radionuclide Production Cross Section



143

Incident Energy (MeV)

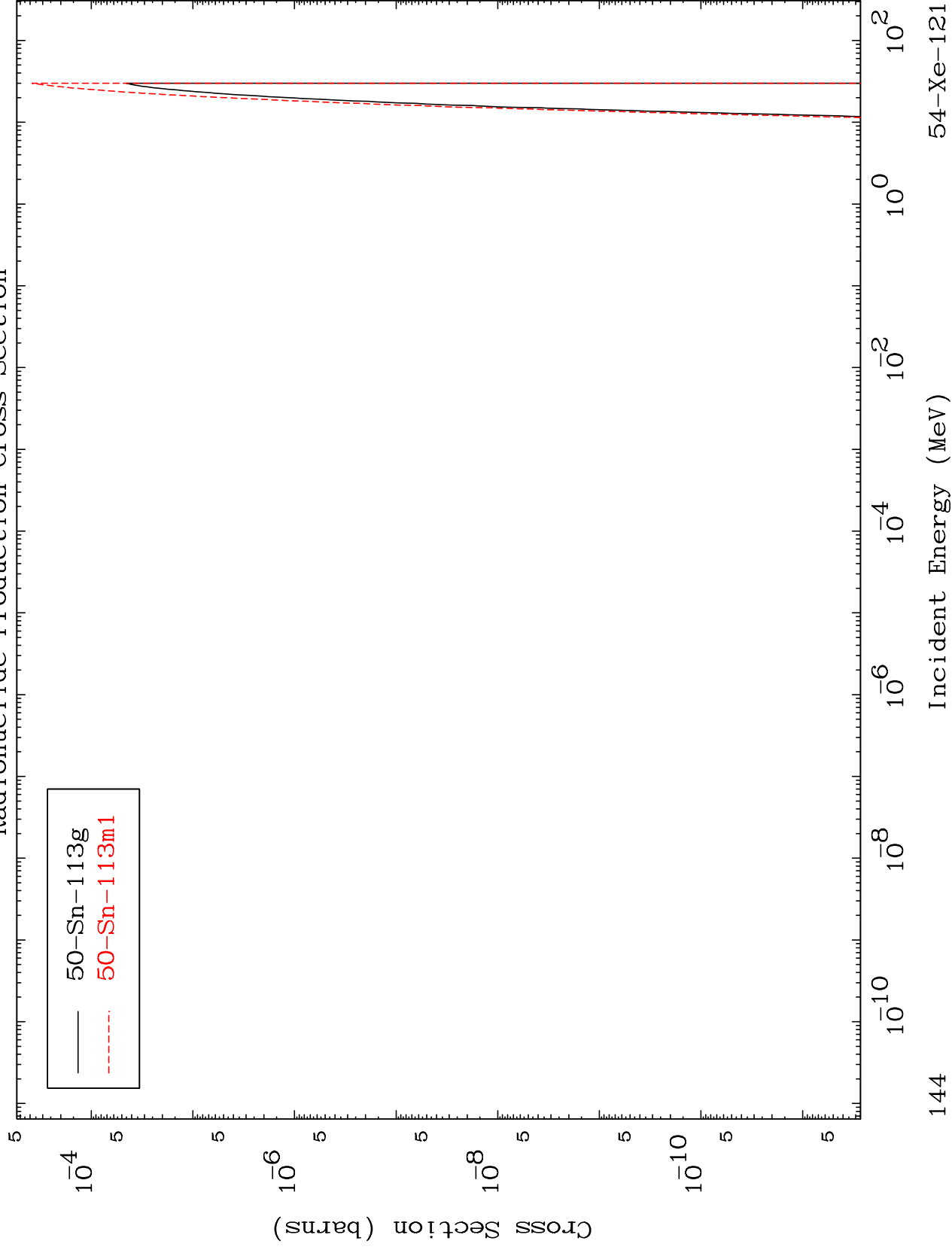
54-Xe-121

MAT 5416

(n,n') 2 α

54-Xe-121

Radionuclide Production Cross Section



144

Incident Energy (MeV)

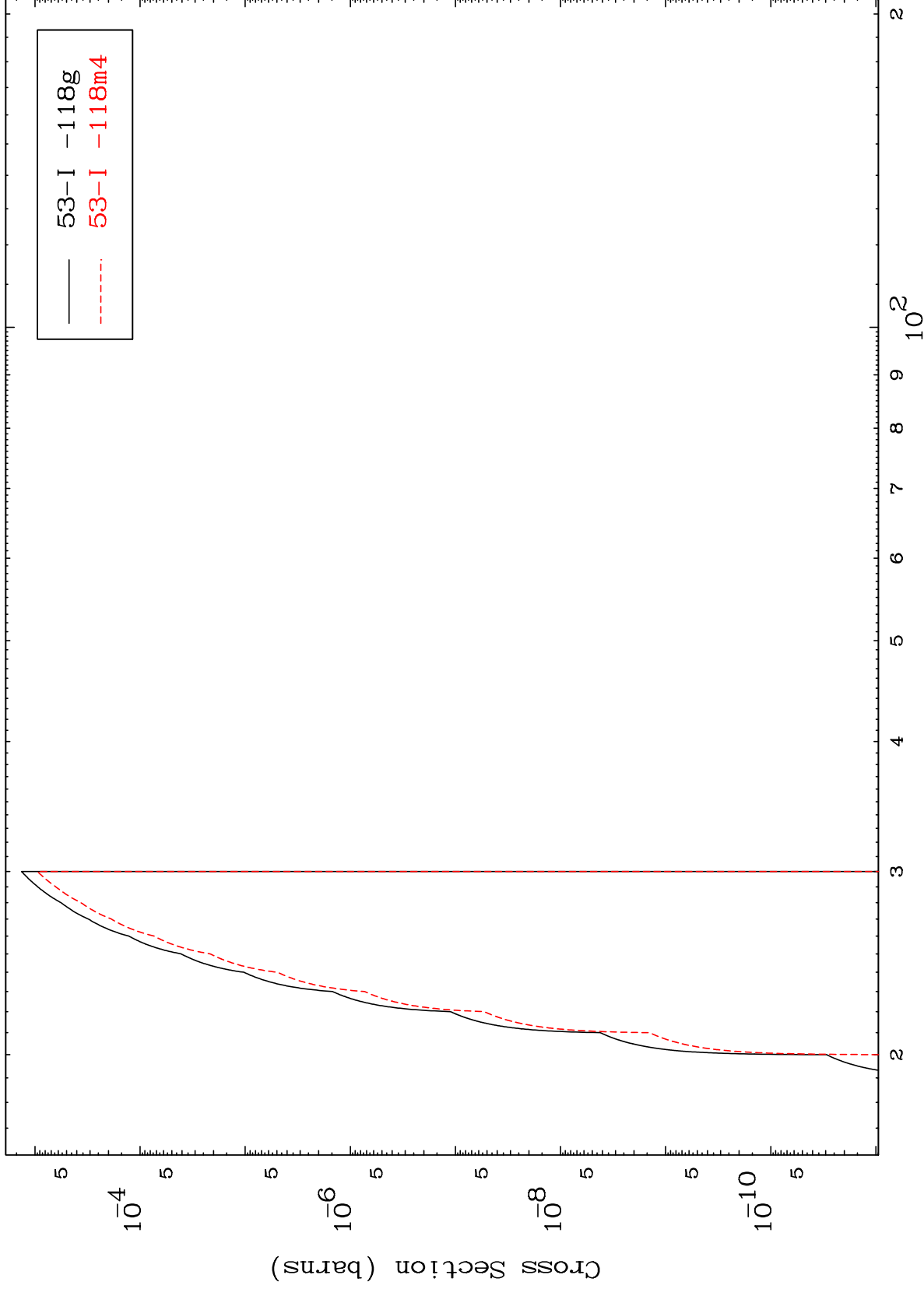
54-Xe-121

MAT 5416

(n,n') t

54-Xe-121

Radionuclide Production Cross Section



145

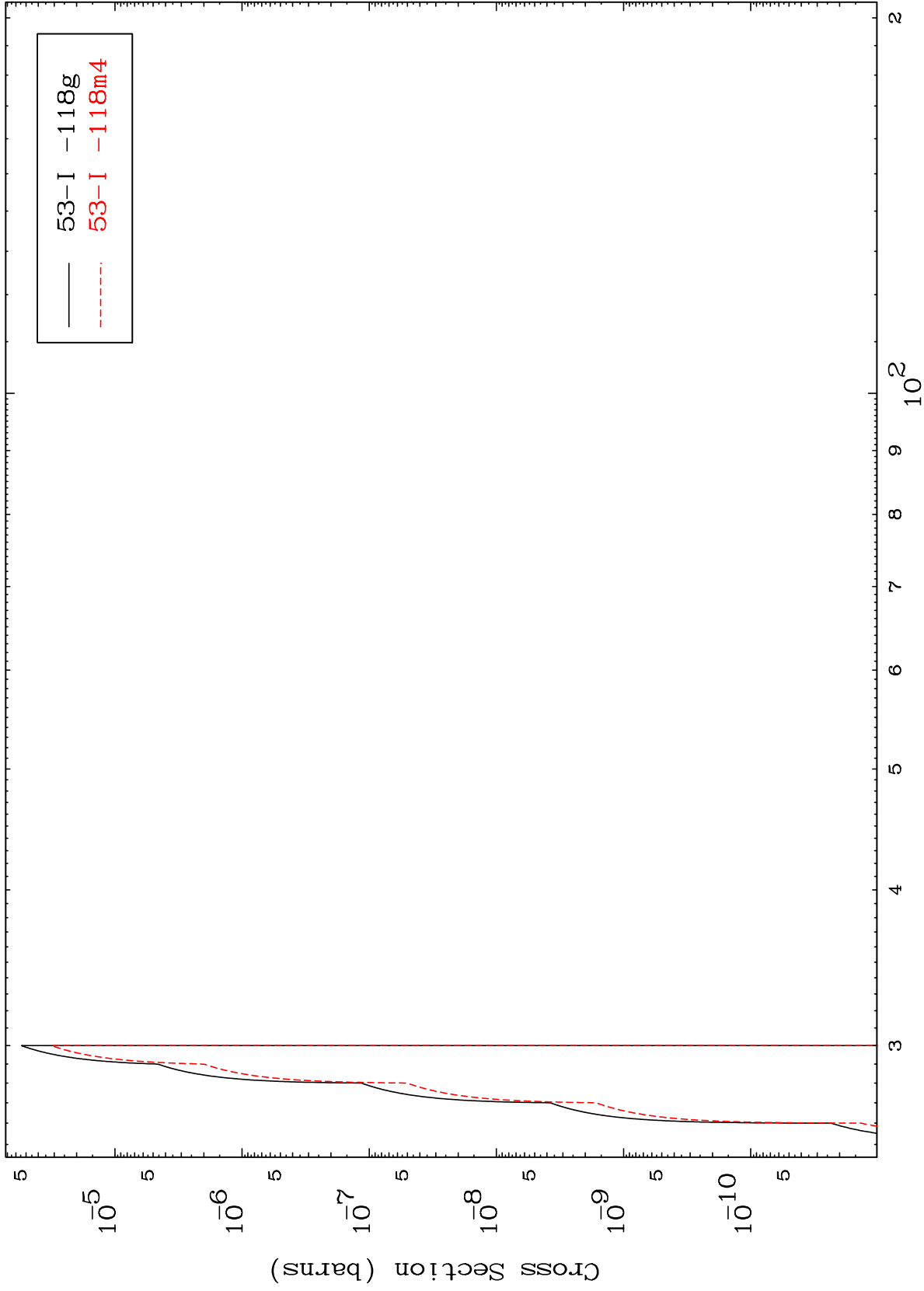
Incident Energy (MeV)

54-Xe-121

MAT 5416

54-Xe-121

(n,3n) p
Radionuclide Production Cross Section



146

Incident Energy (MeV)

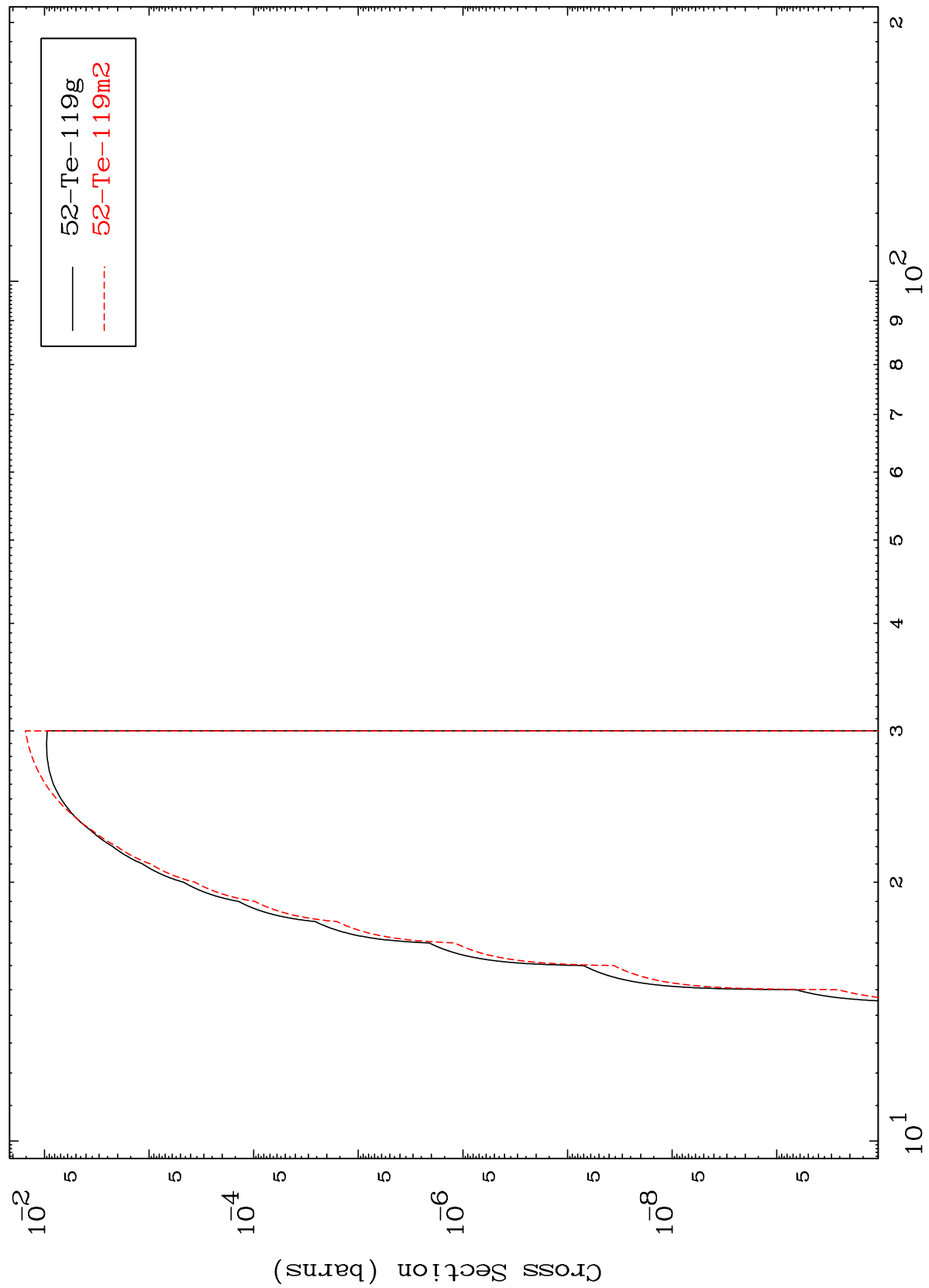
54-Xe-121

MAT 5416

(n,2n) p

54-Xe-121

Radionuclide Production Cross Section



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

147

Incident Energy (MeV)

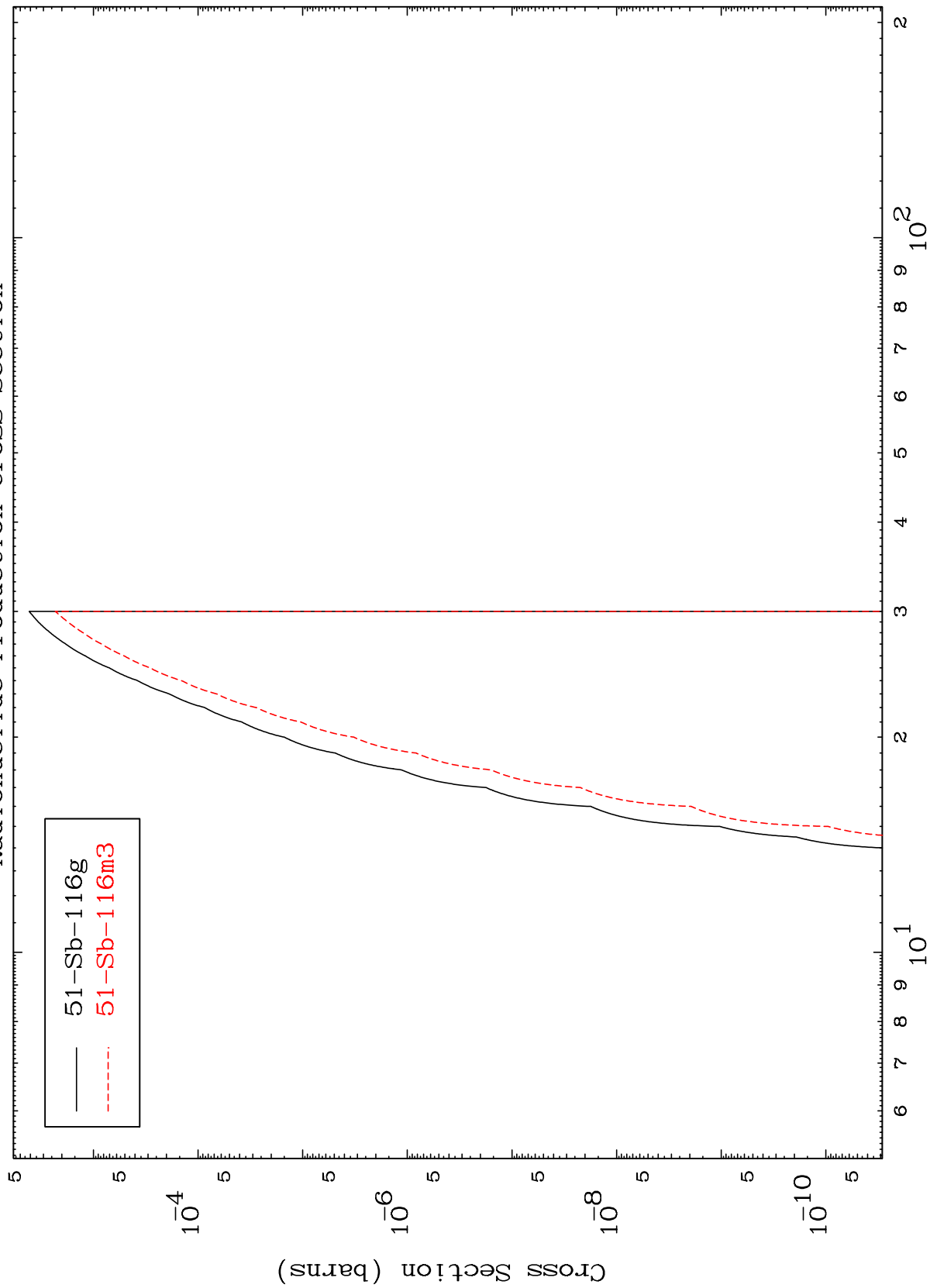
54-Xe-121

MAT 5416

(n,n') p α

54-Xe-121

Radionuclide Production Cross Section



148

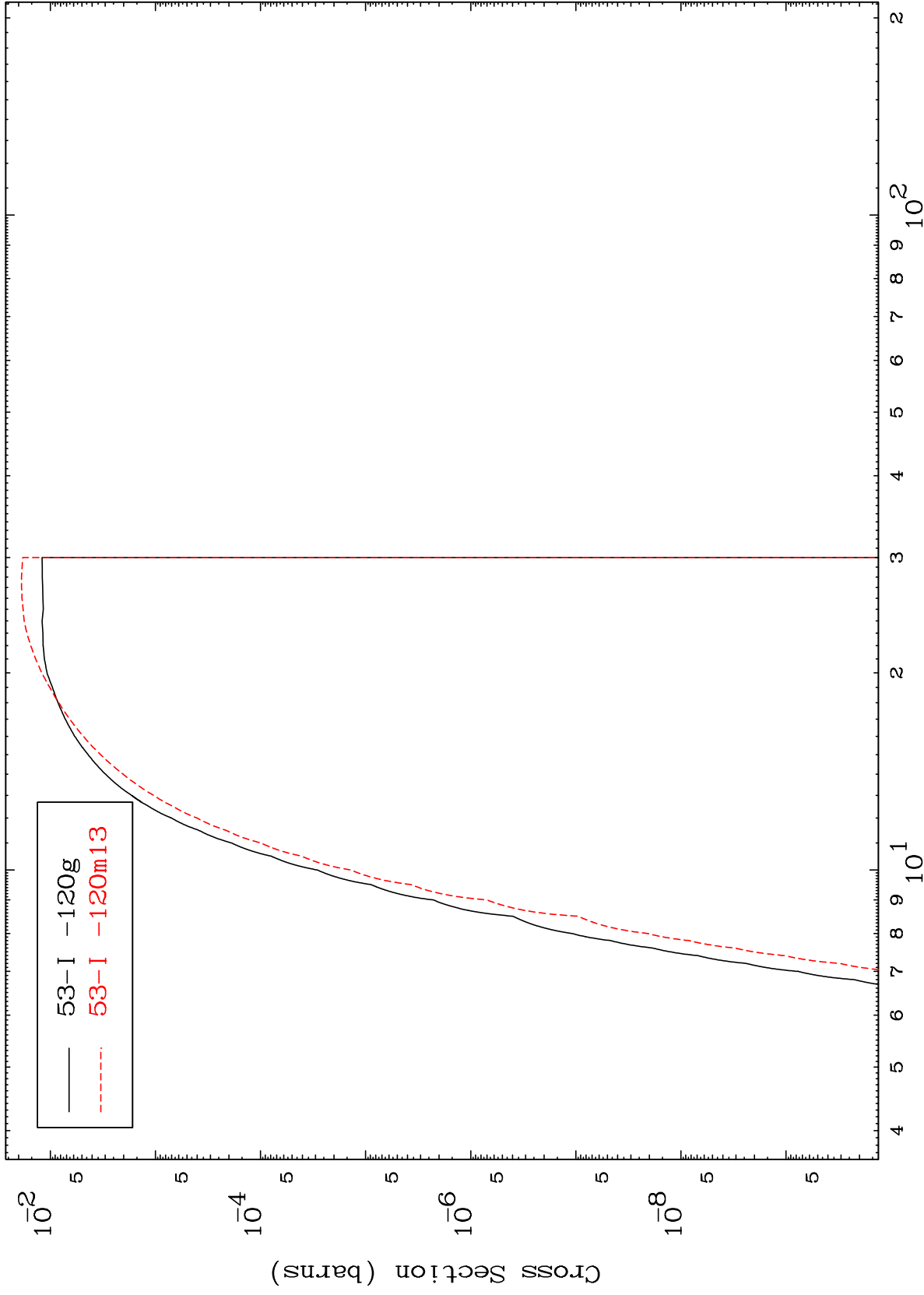
Incident Energy (MeV)

54-Xe-121

MAT 5416

54-Xe-121

(n,d)
Radionuclide Production Cross Section



149

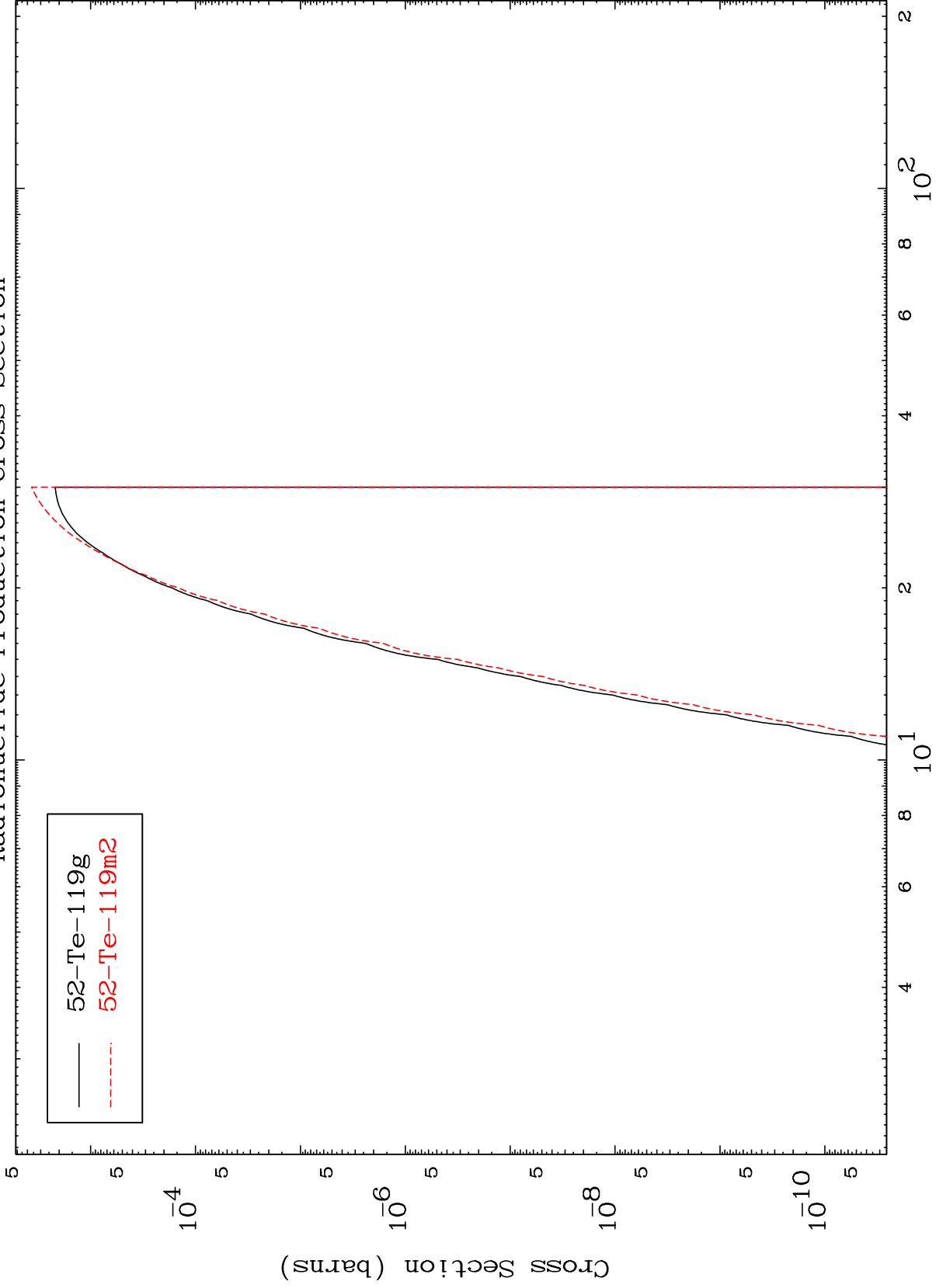
Incident Energy (MeV)

54-Xe-121

MAT 5416

54-Xe-121

(n,He-3)
Radionuclide Production Cross Section



54-Xe-121

Incident Energy (MeV)

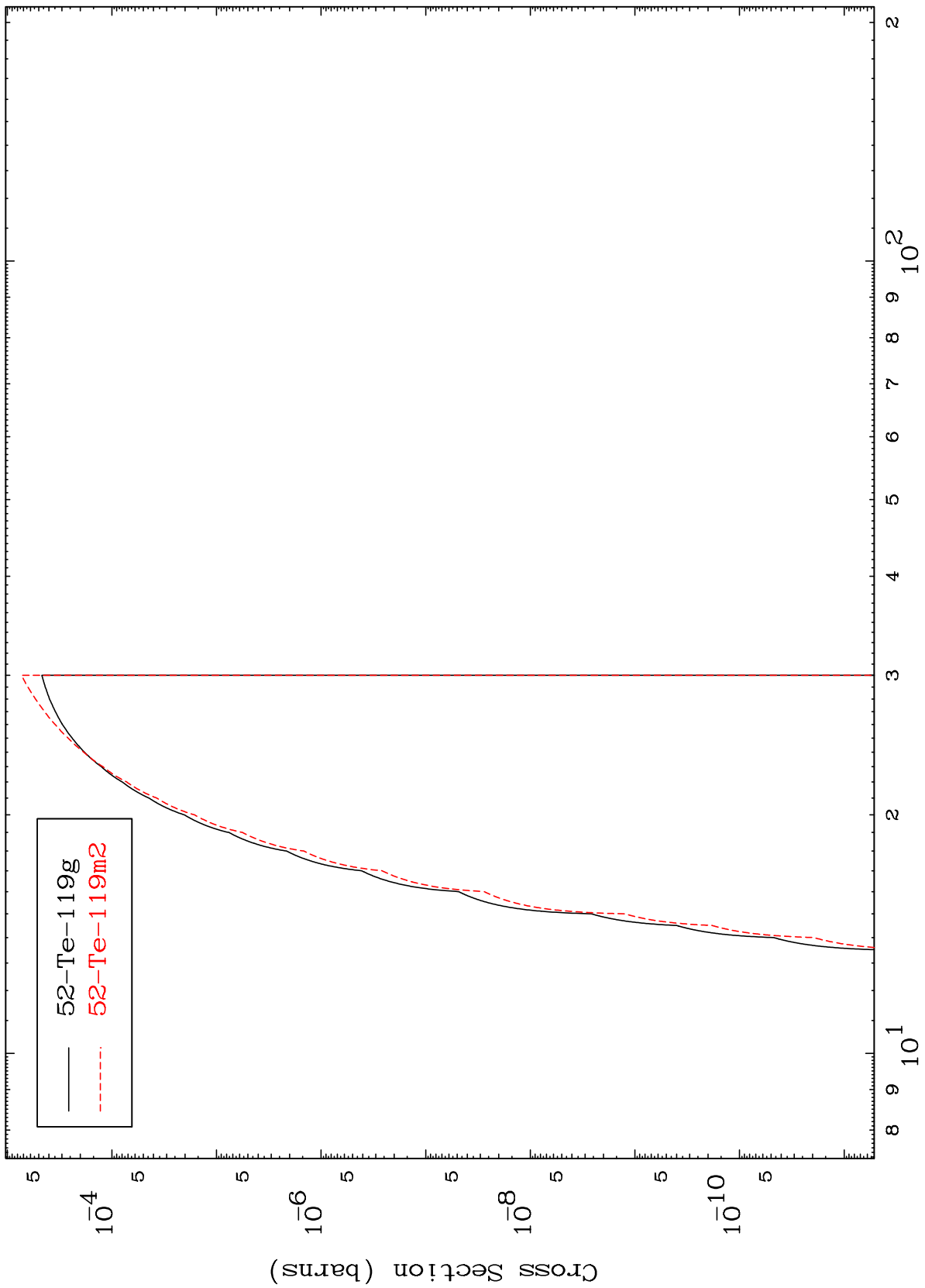
150

MAT 5416

(n,p) d

54-Xe-121

Radionuclide Production Cross Section



151

Incident Energy (MeV)

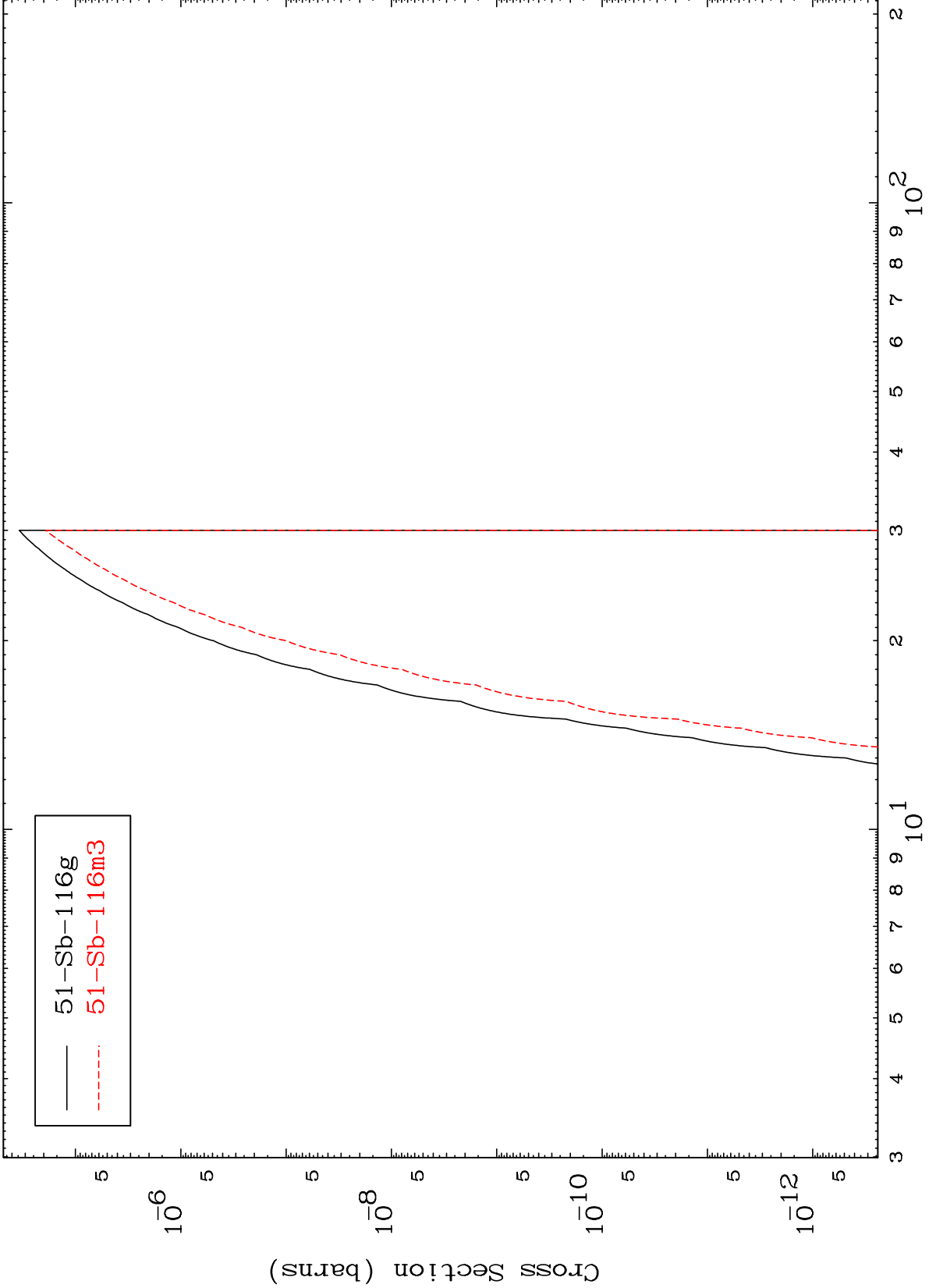
54-Xe-121

MAT 5416

(n,d) α

54-Xe-121

Radionuclide Production Cross Section



152

Incident Energy (MeV)

54-Xe-121