

Program EVALPLOT  
(Version 2015-2)

by

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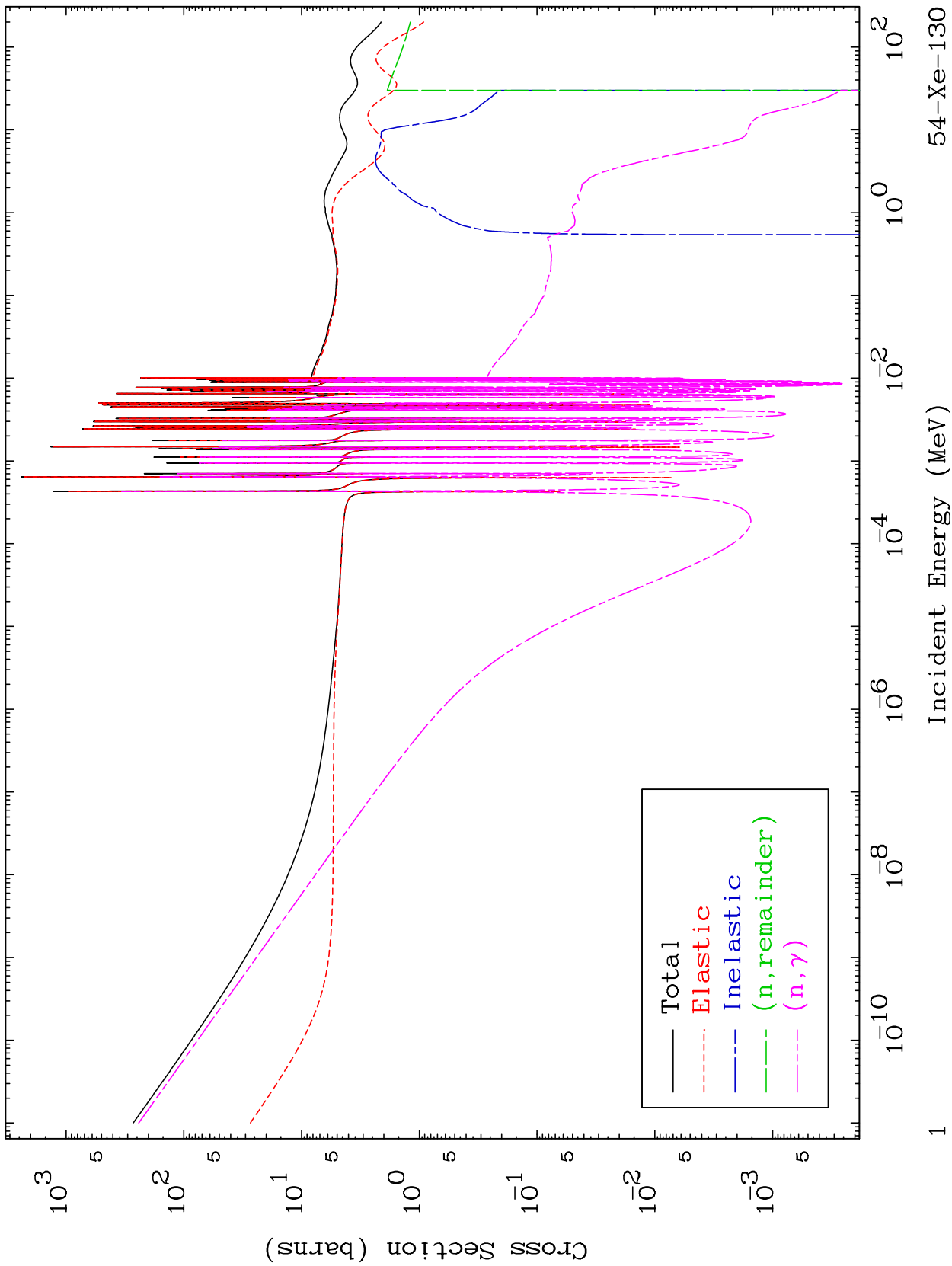
Press Mouse Button to Start

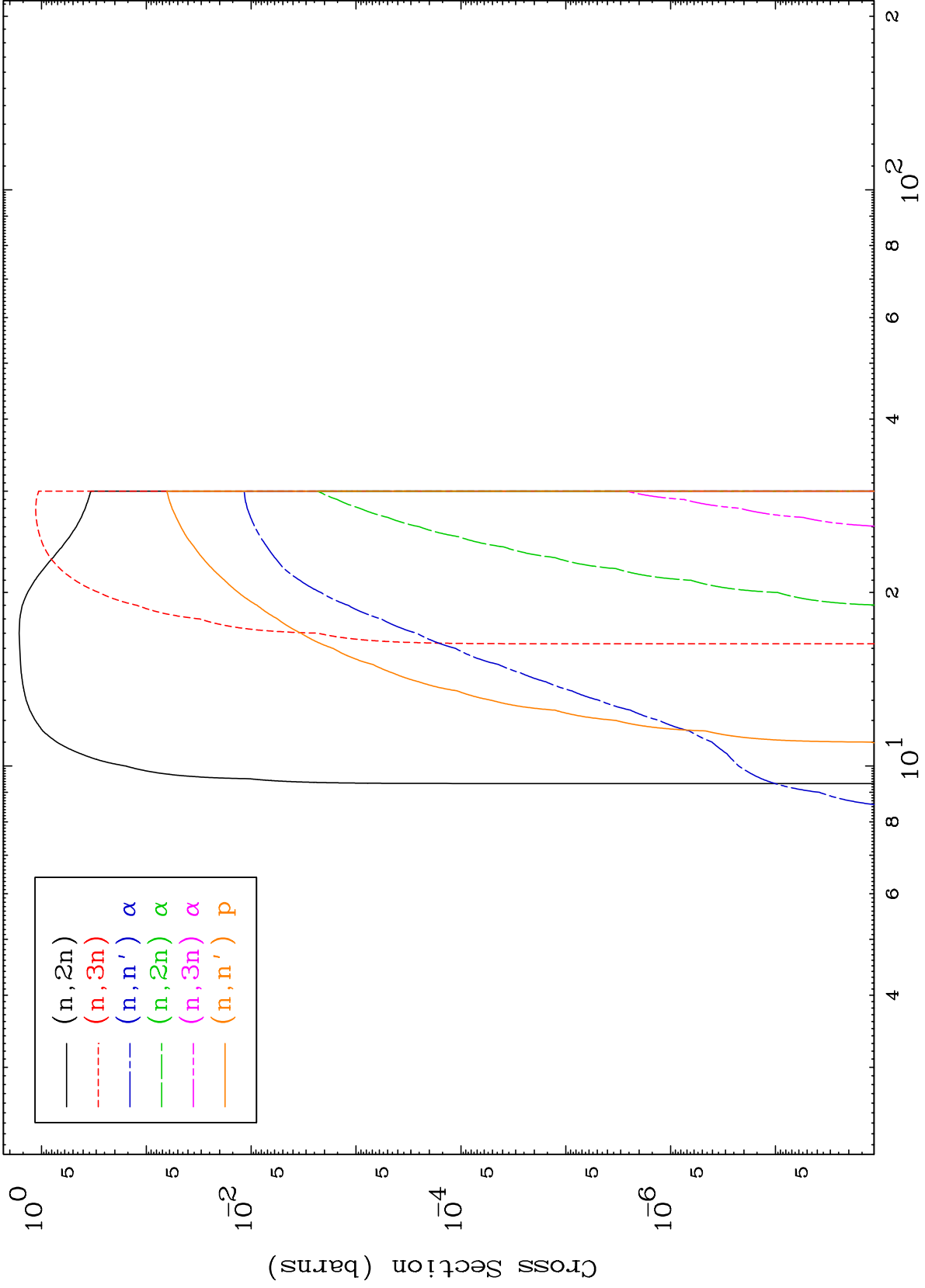
MAT 5443

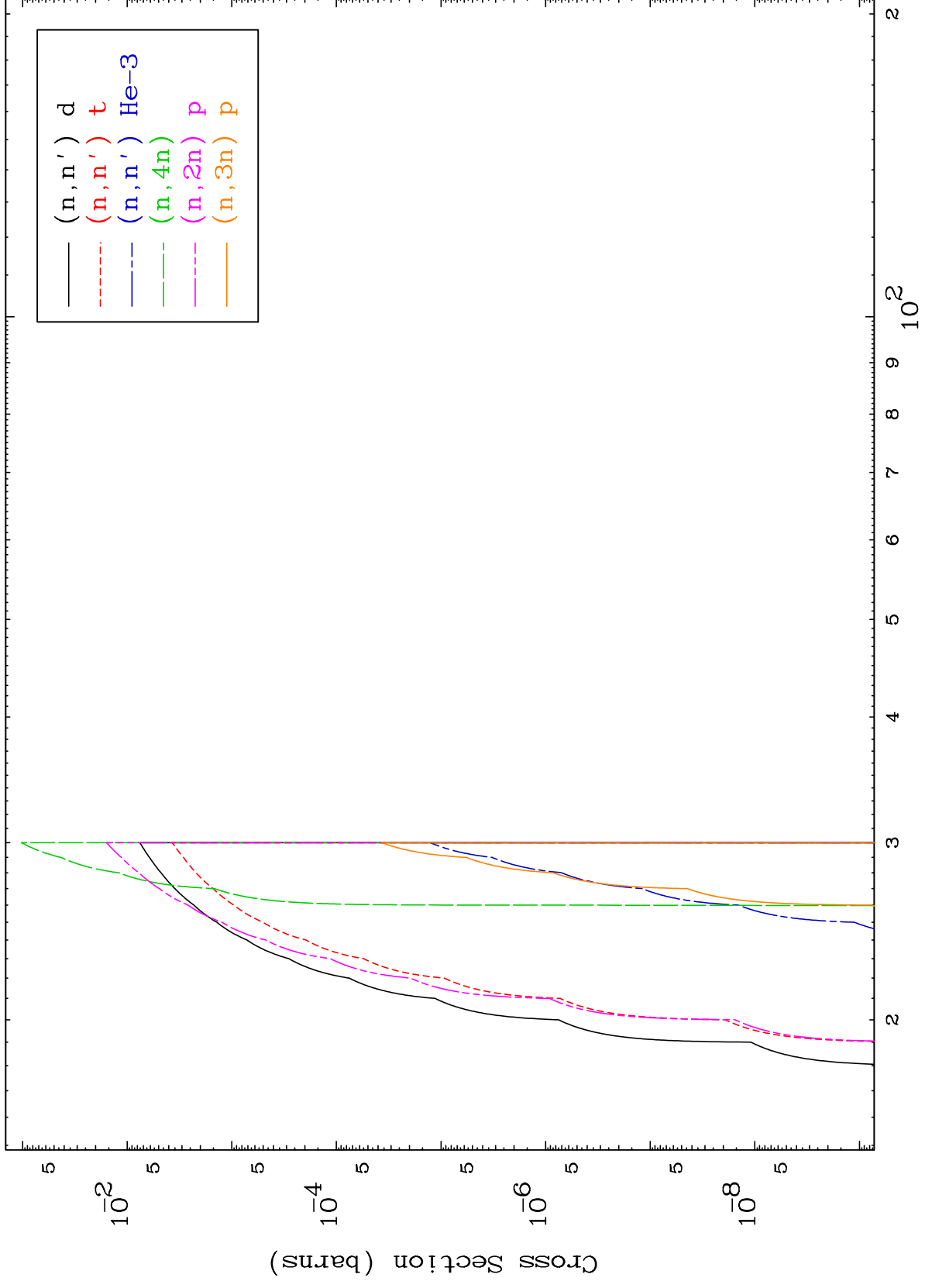
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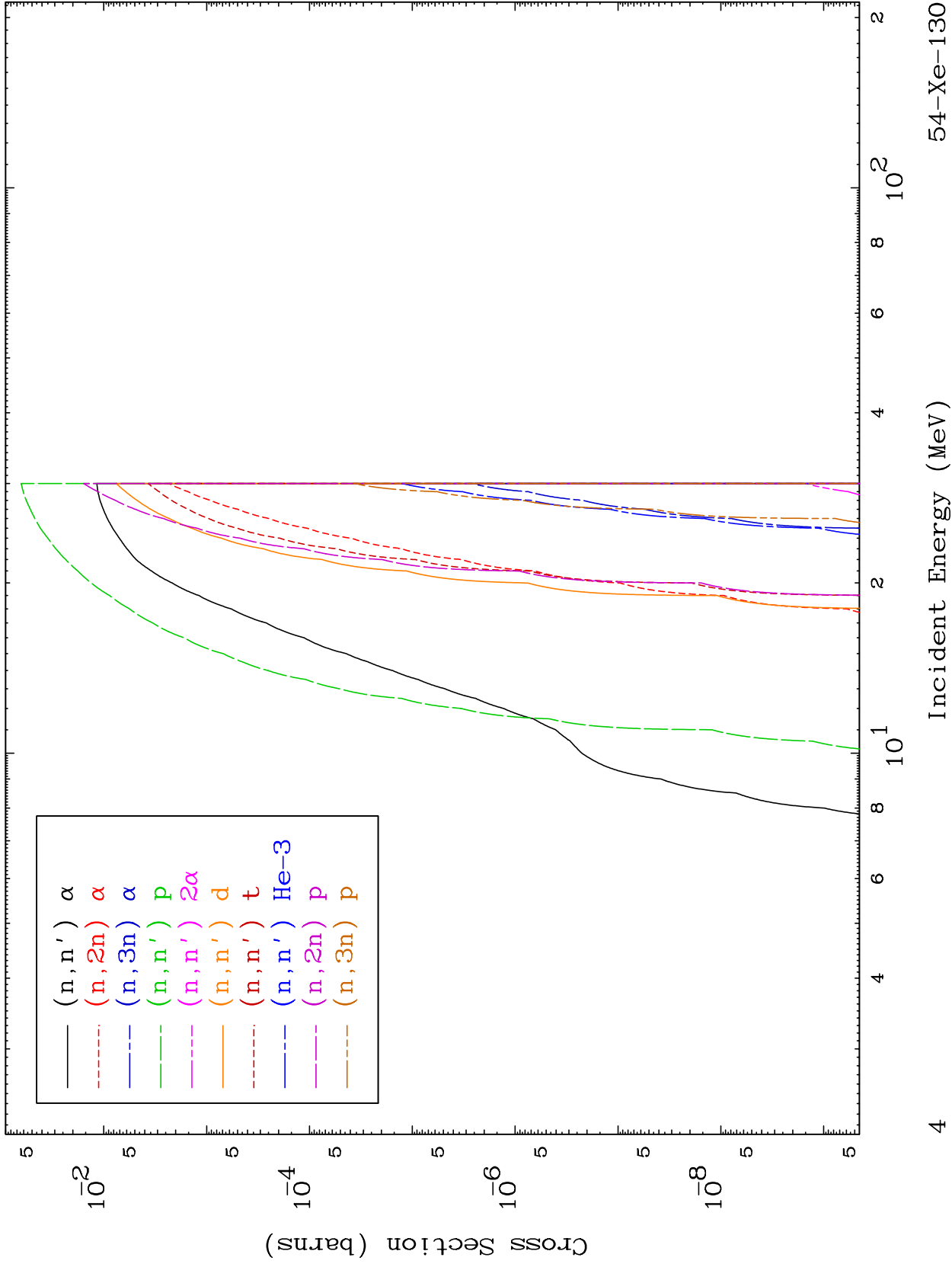
293 Kelvin Cross Sections

54-Xe-130





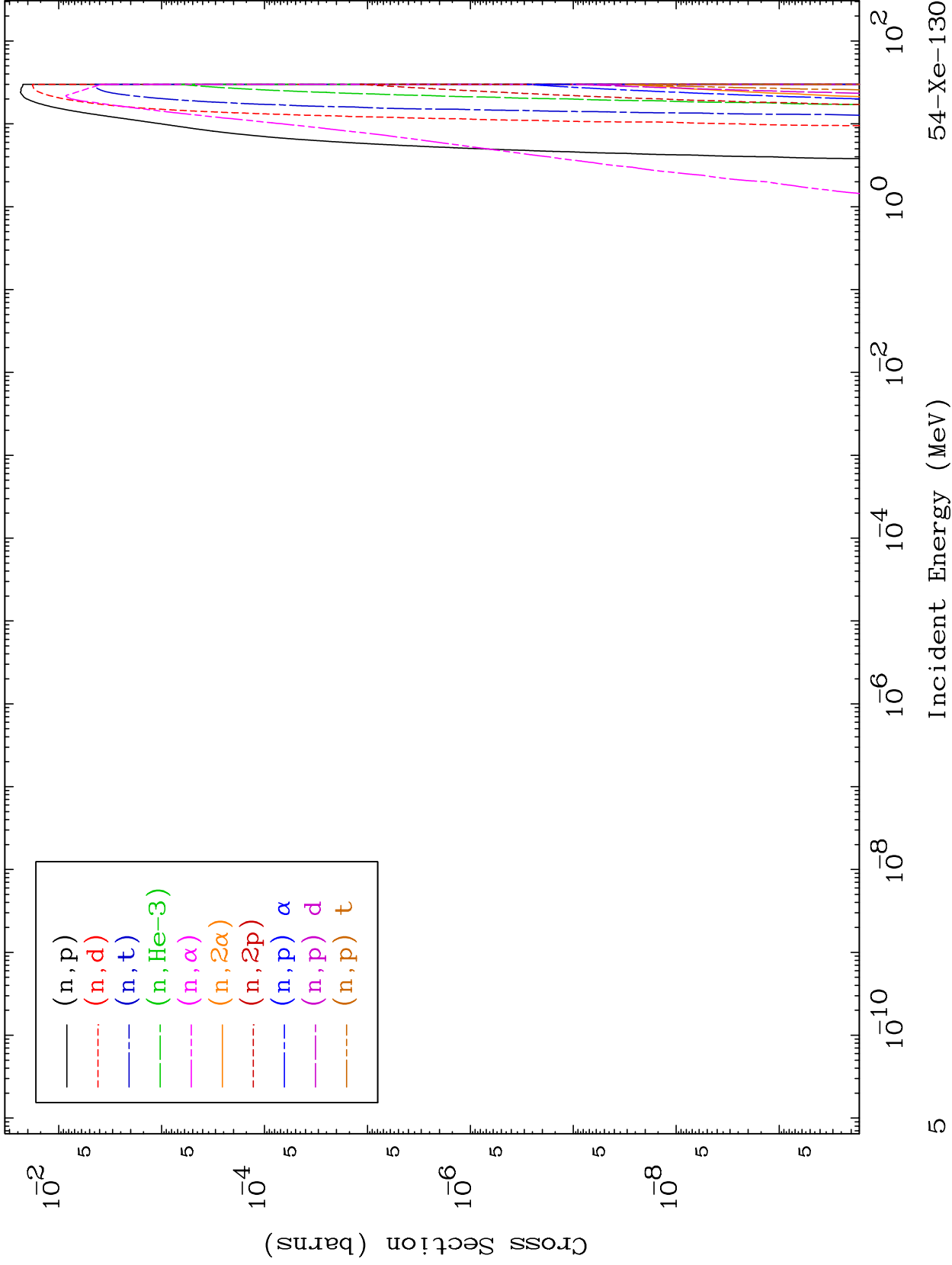




MAT 5443

Charged Particle  
293 Kelvin Cross Sections

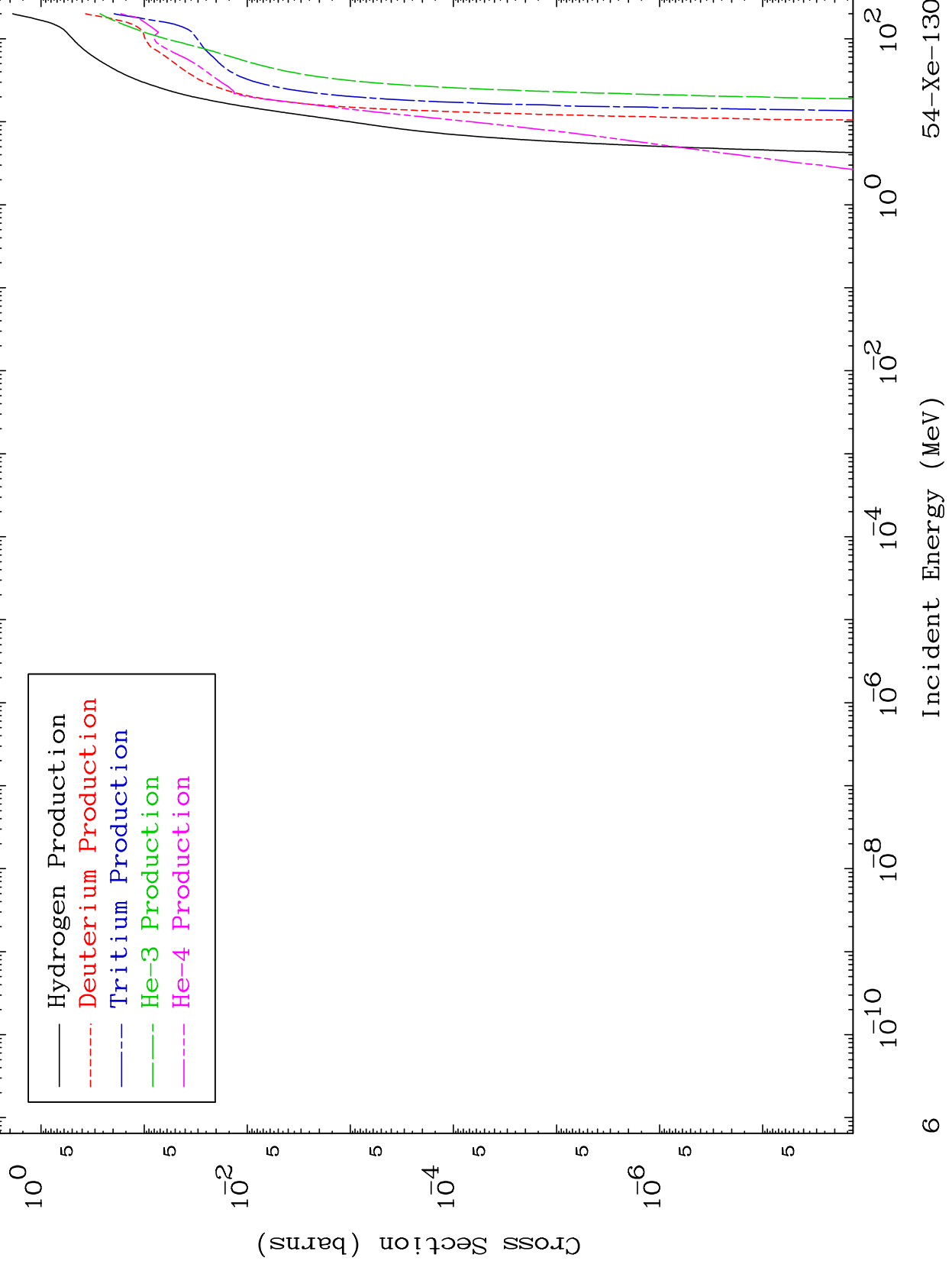
54-Xe-130



MAT 5443

Particle Production  
293 Kelvin Cross Sections

54-Xe-130

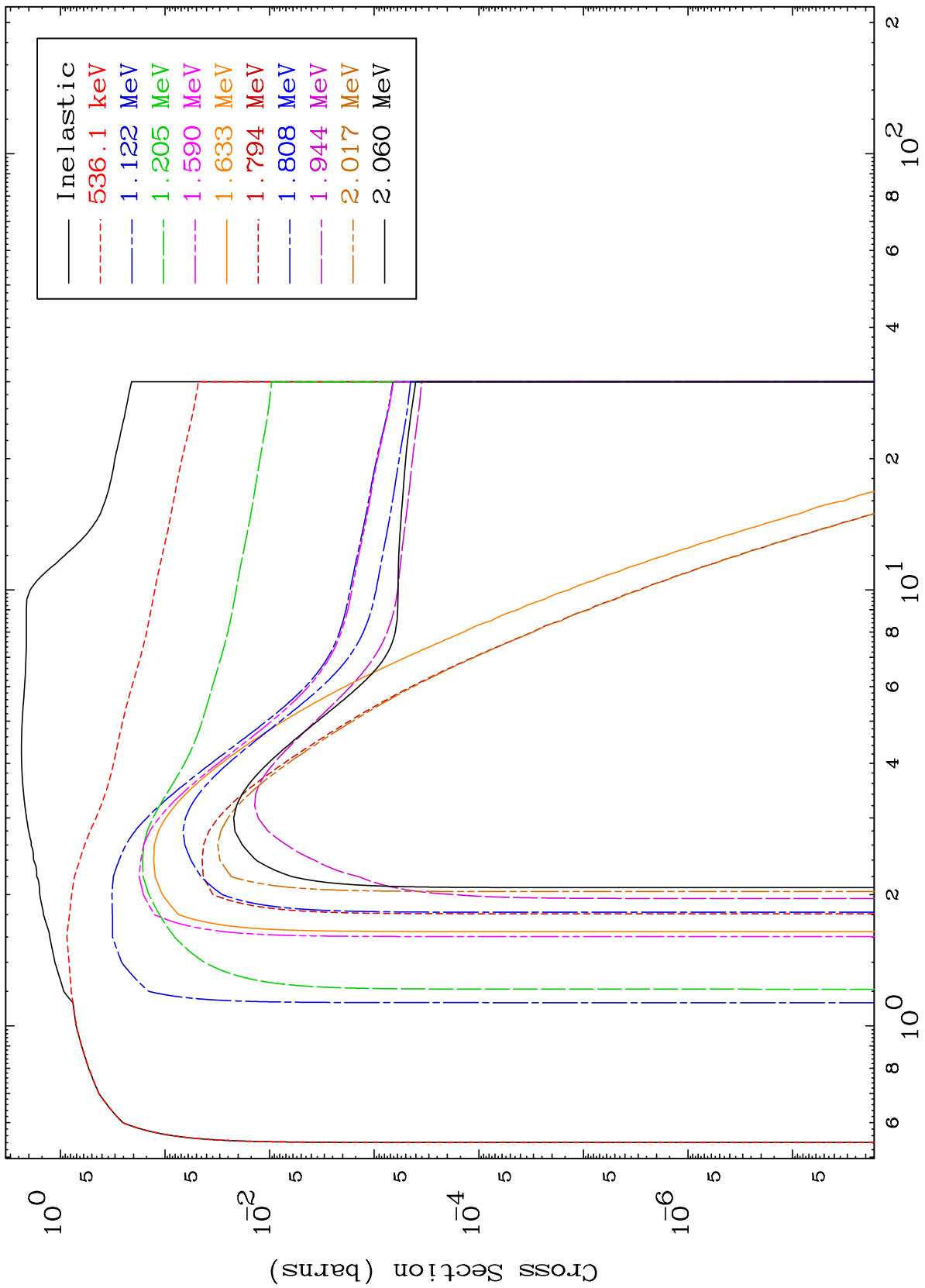


MAT 5443

(n,n') Level

54-Xe-130

293 Kelvin Cross Sections

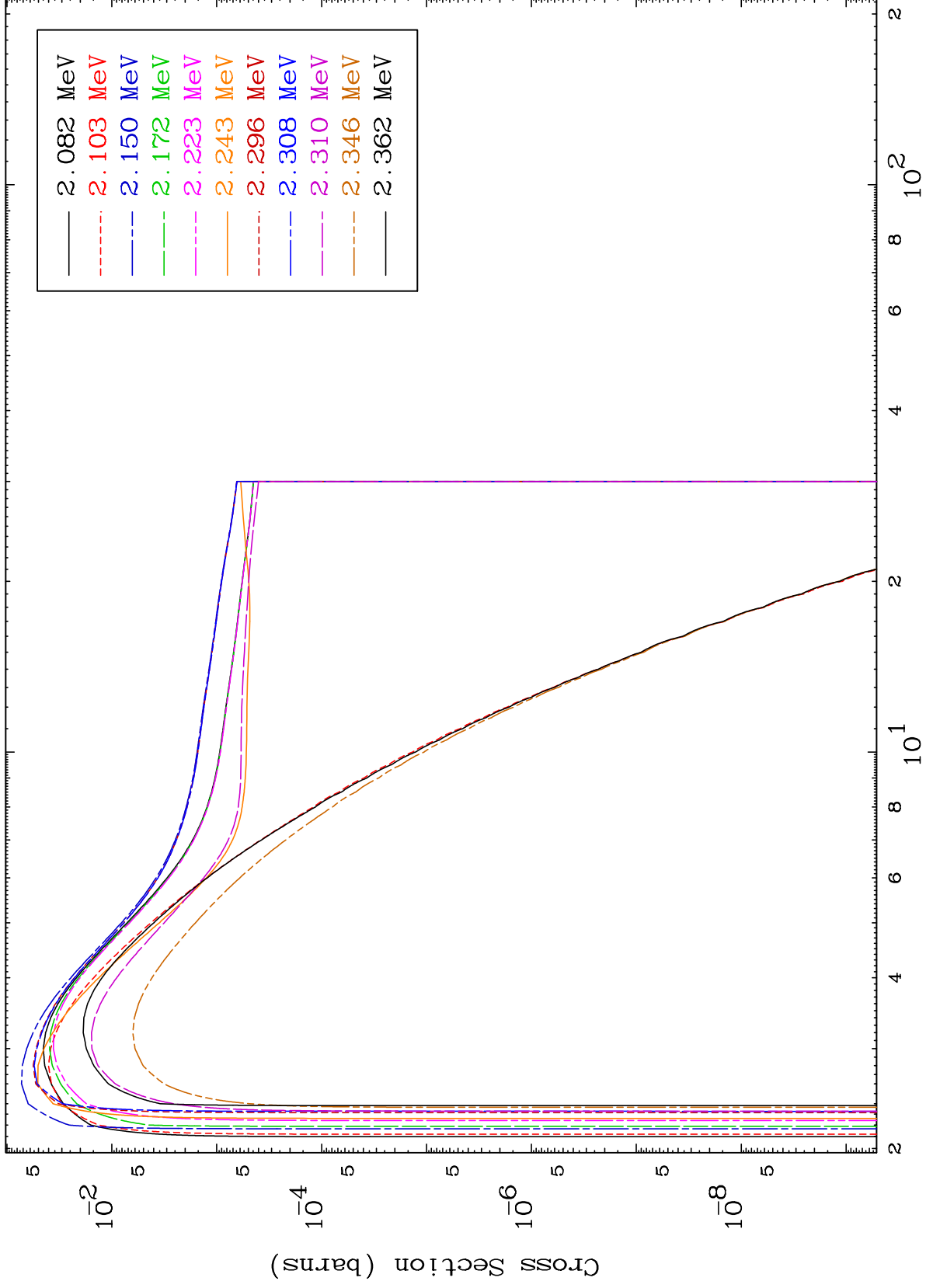




MAT 5443

(n,n') Level  
293 Kelvin Cross Sections

54-Xe-130

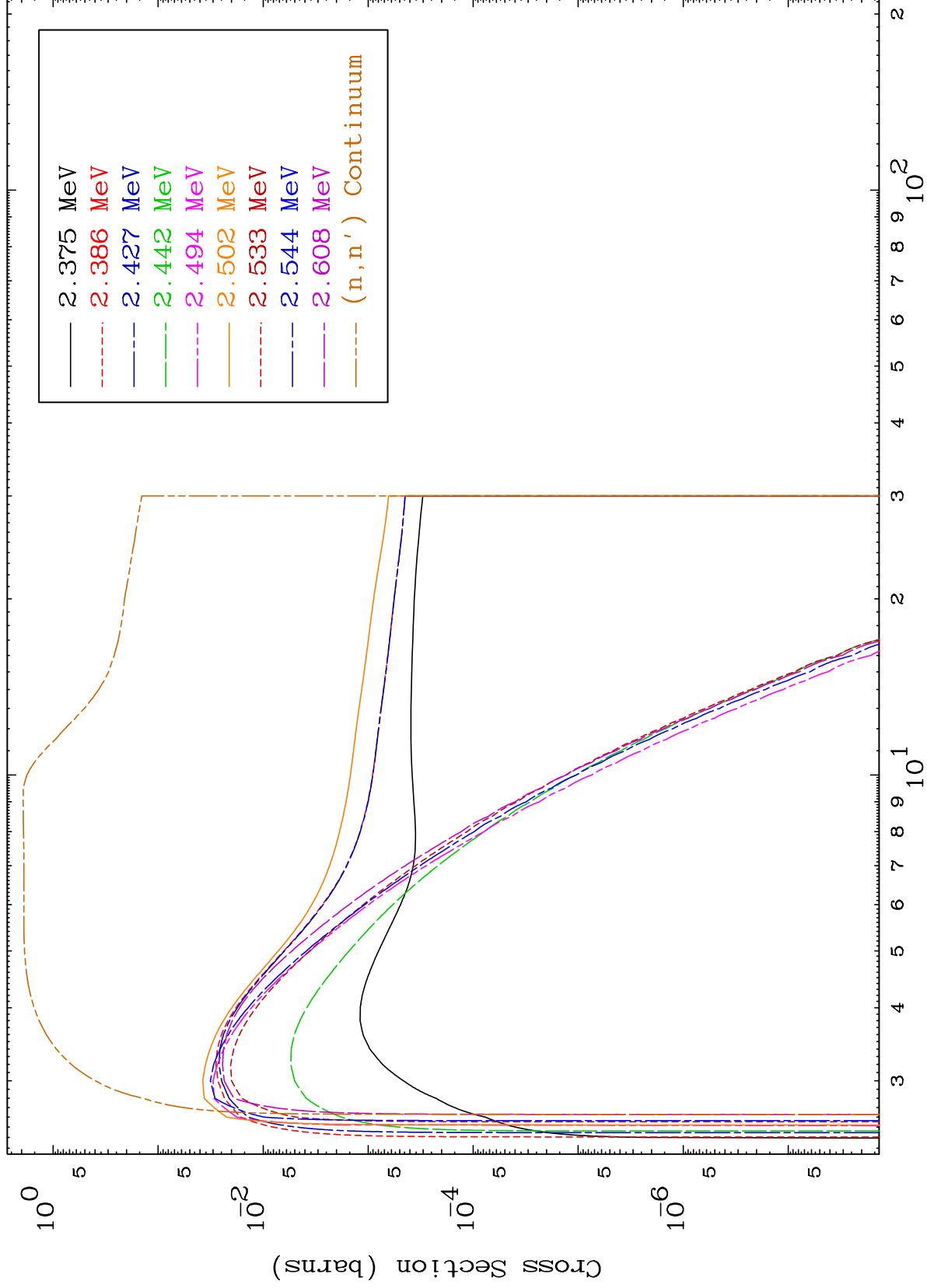


54-Xe-130

Incident Energy (MeV)

8

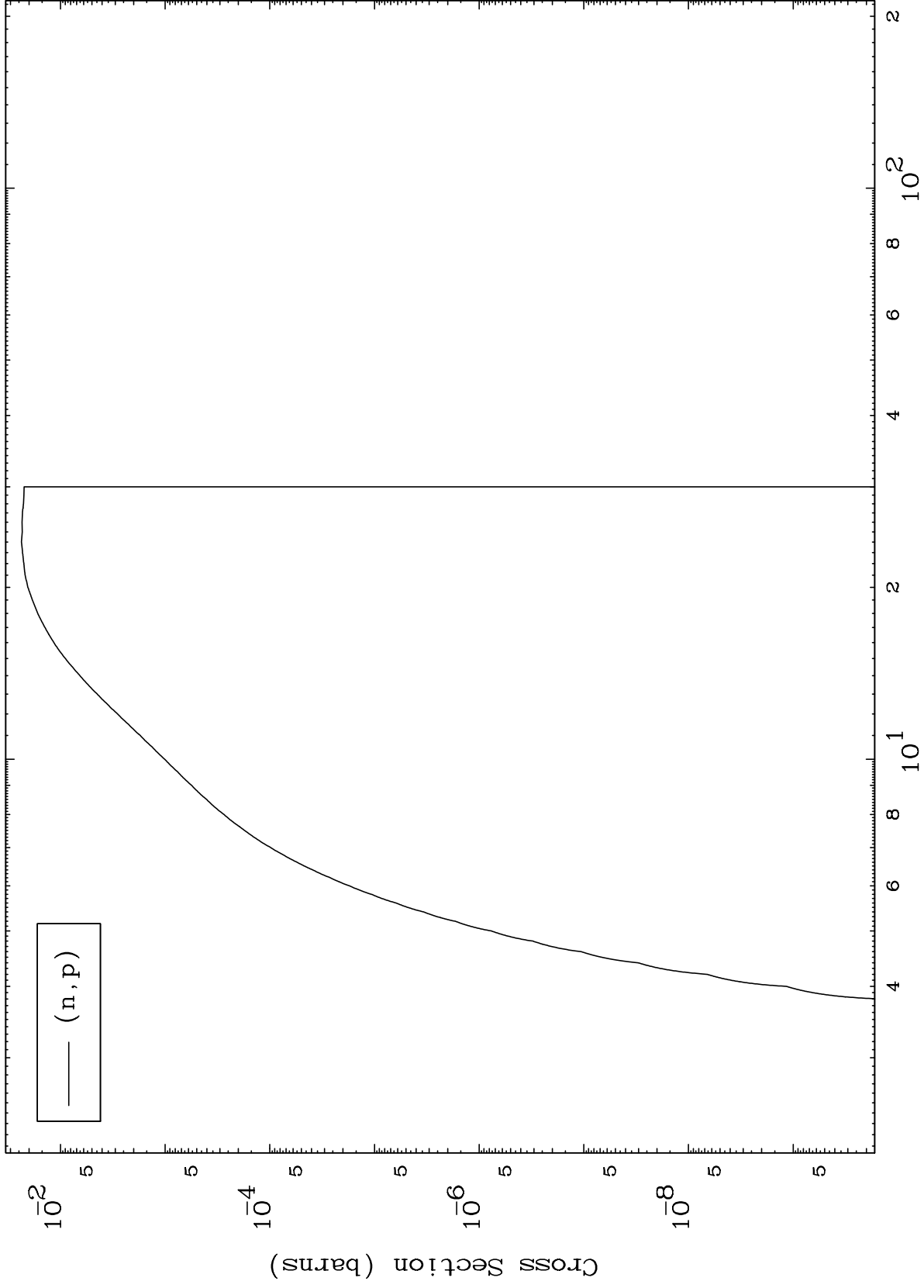
293 Kelvin Cross Sections



MAT 5443

(n,p) Levels  
293 Kelvin Cross Sections

54-Xe-130



10

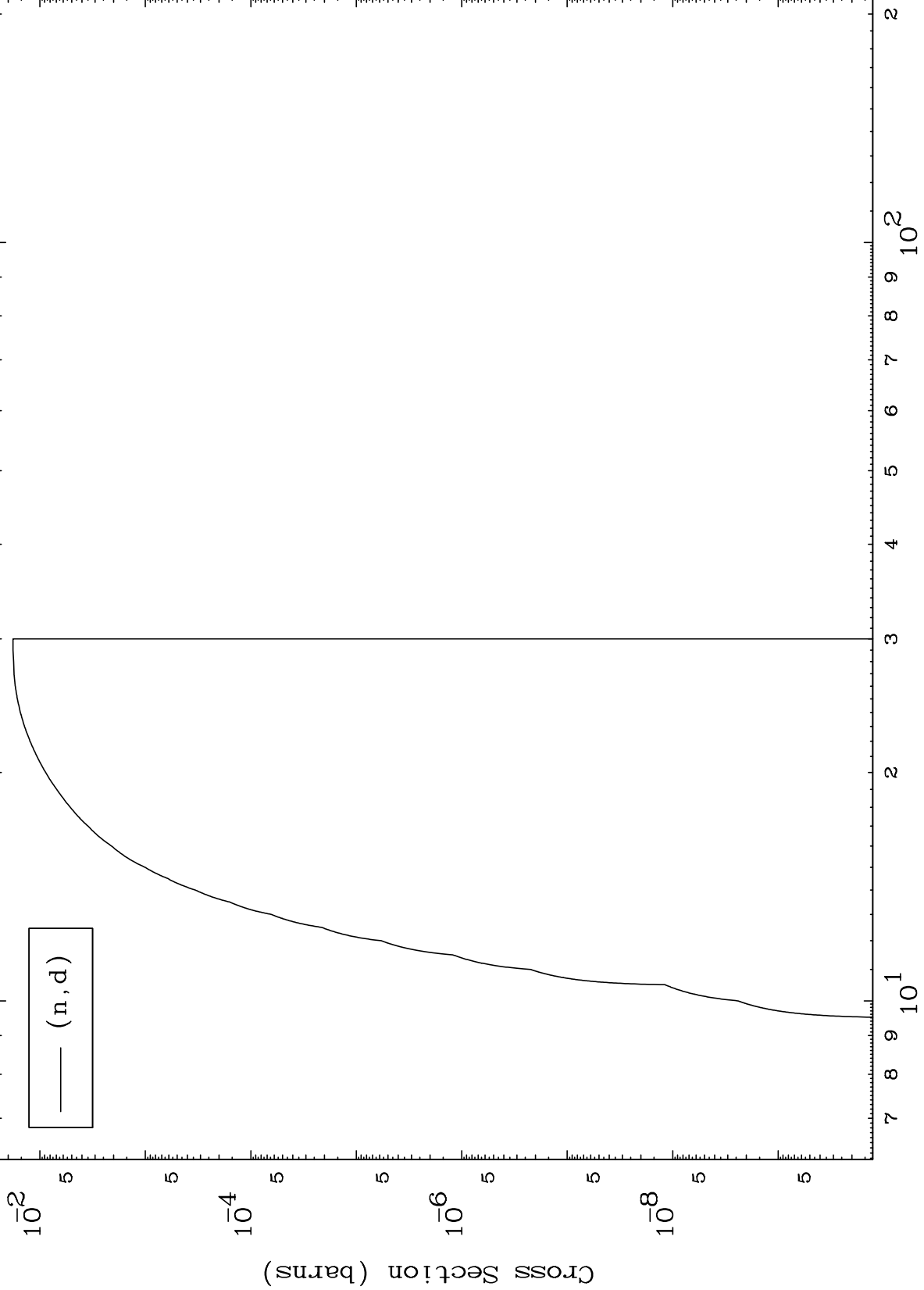
Incident Energy (MeV)

54-Xe-130

MAT 5443

(n,d) Levels  
293 Kelvin Cross Sections

54-Xe-130

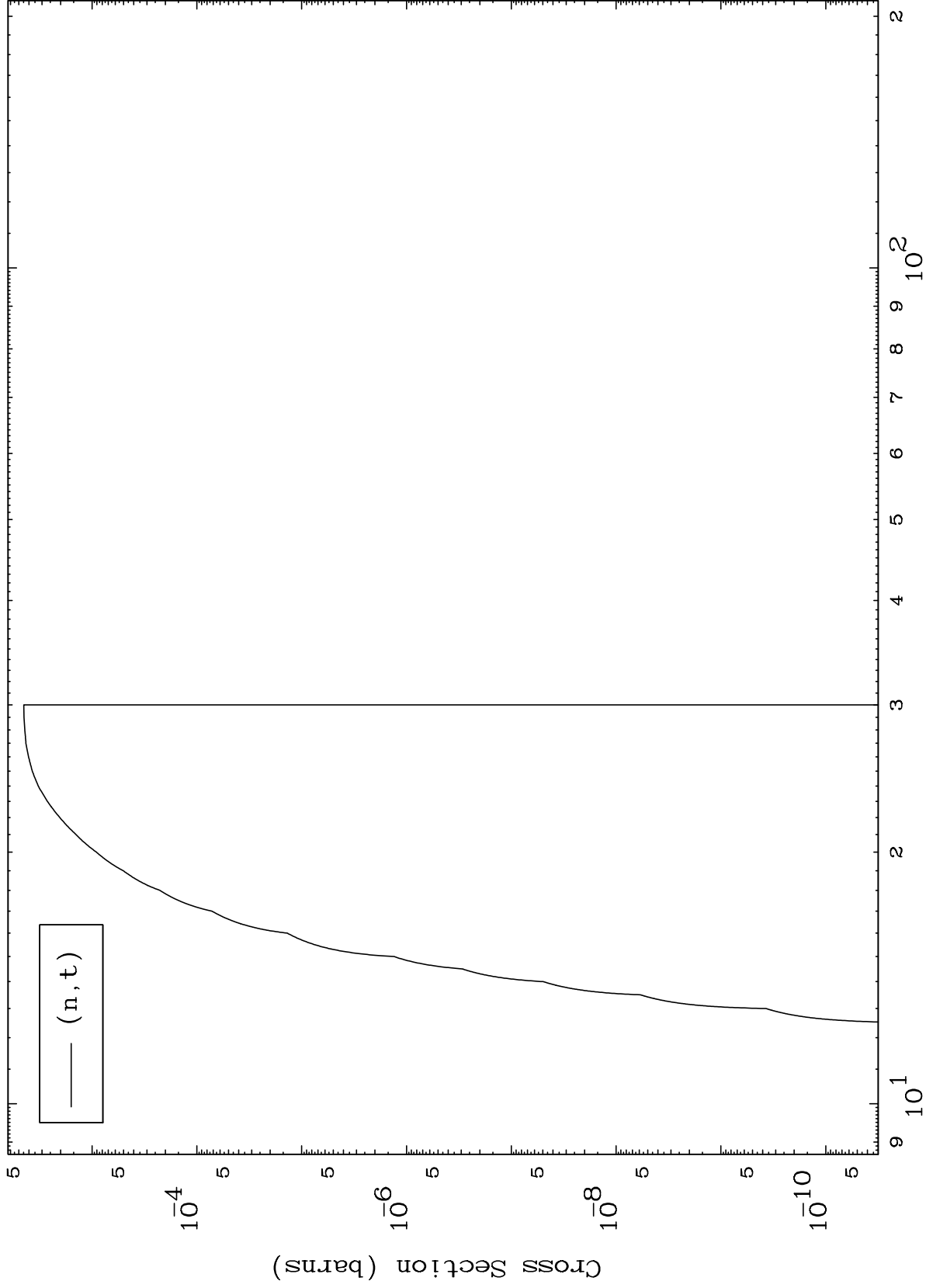


(n,d)

MAT 5443

(n,t) Levels  
293 Kelvin Cross Sections

54-Xe-130



12

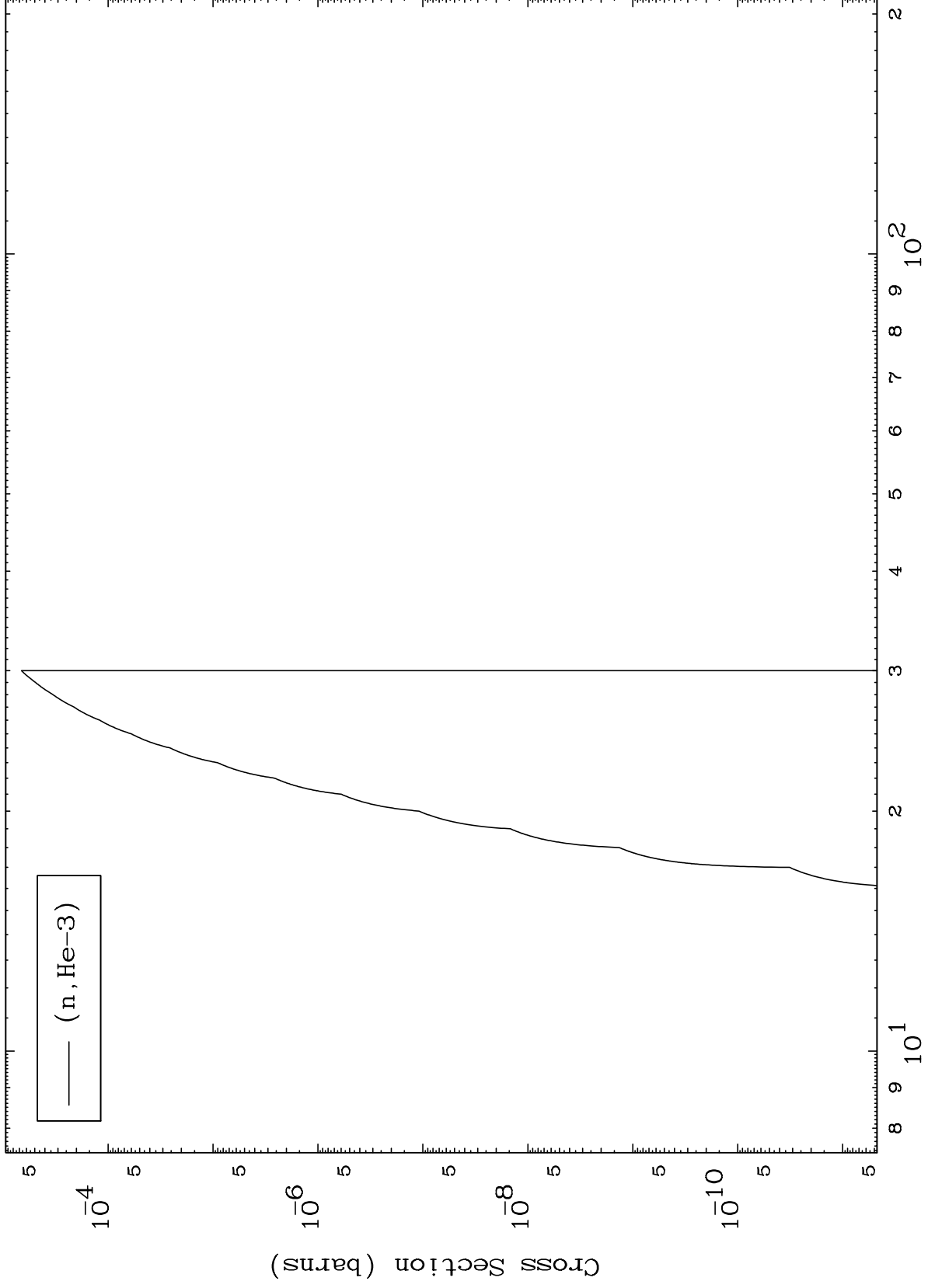
Incident Energy (MeV)

54-Xe-130

MAT 5443

(n,He3) Levels  
293 Kelvin Cross Sections

54-Xe-130



13

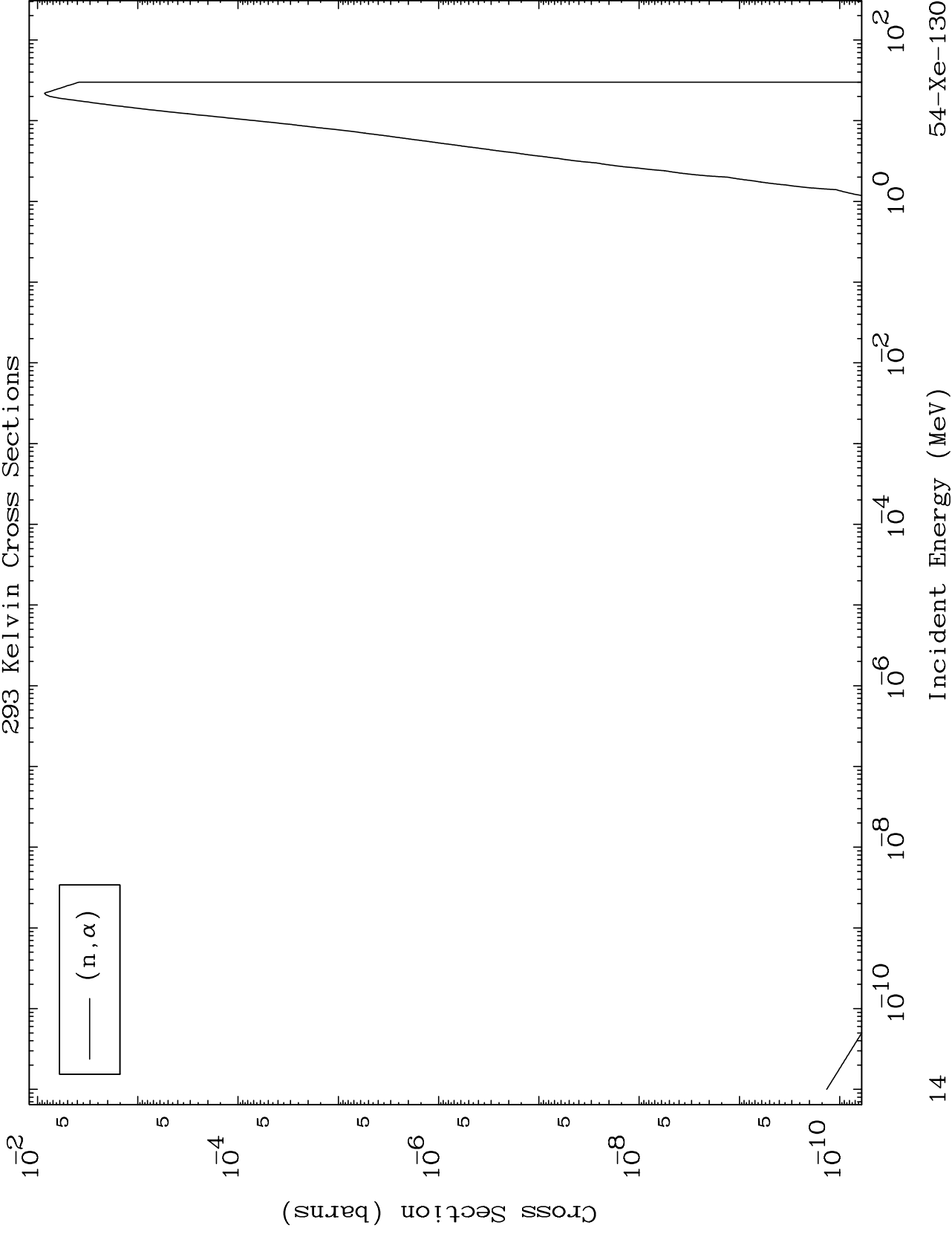
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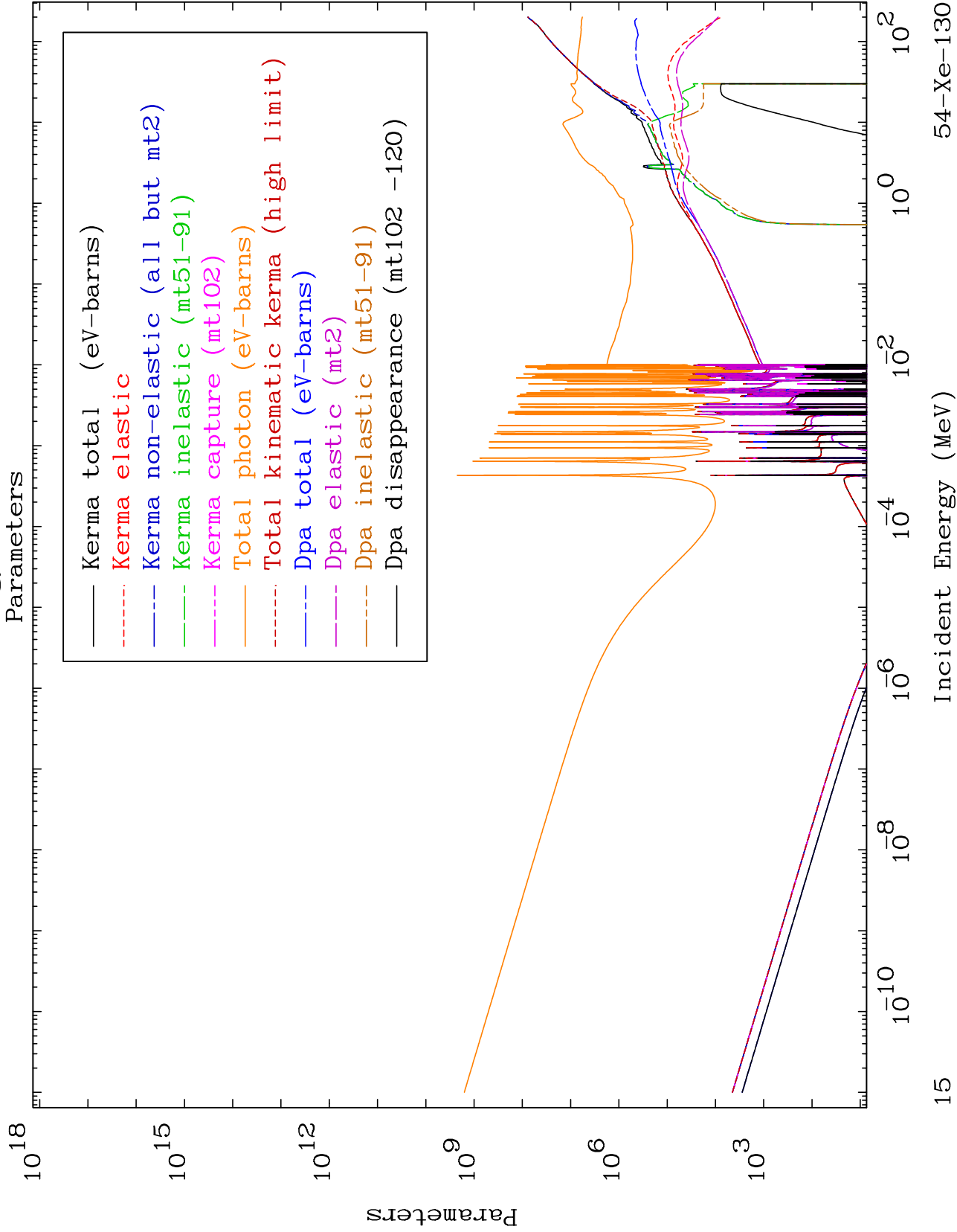
54-Xe-130

MAT 5443

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

54-Xe-130



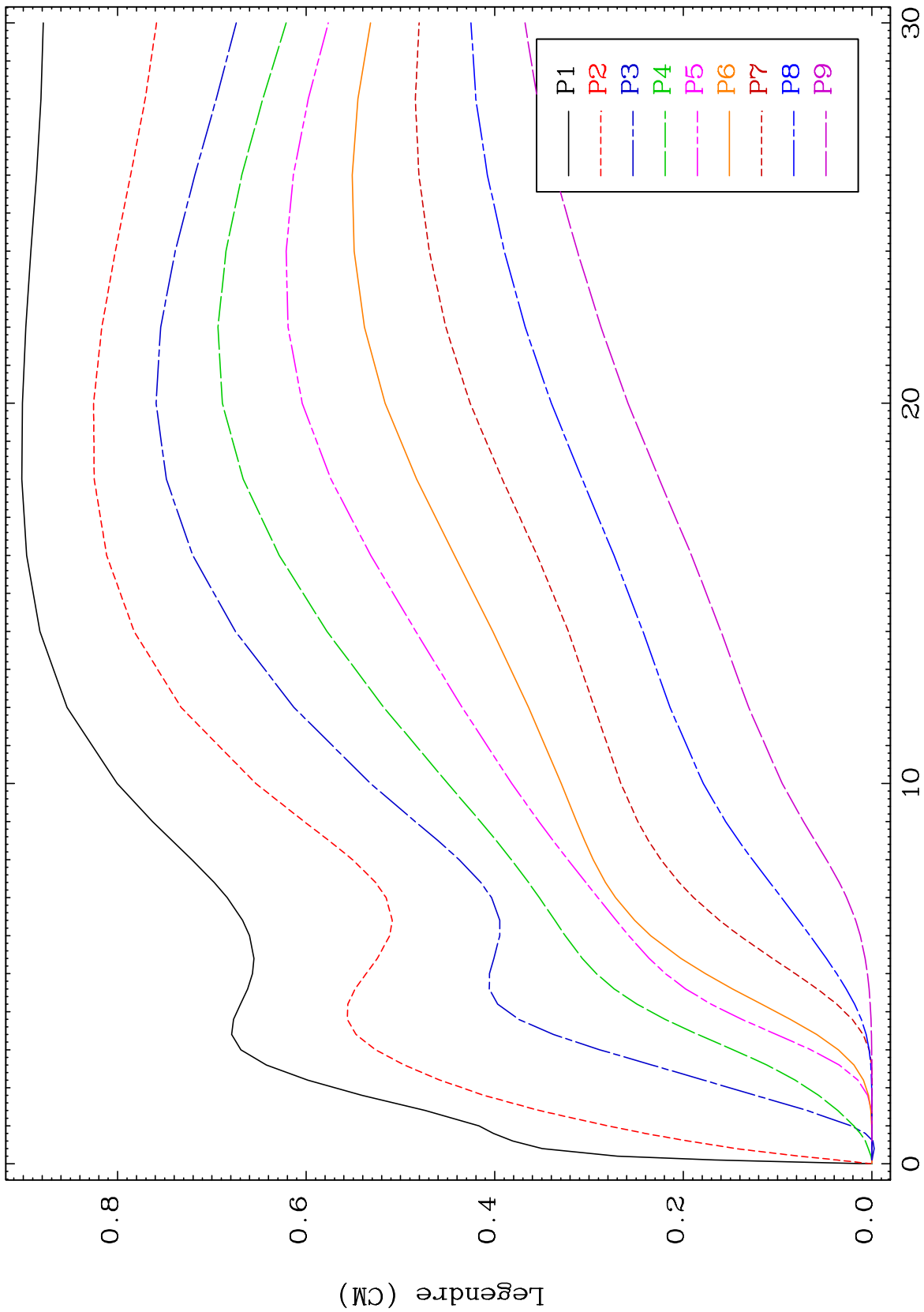




MAT 5443

54-Xe-130

Elastic Legendre Coefficients



16

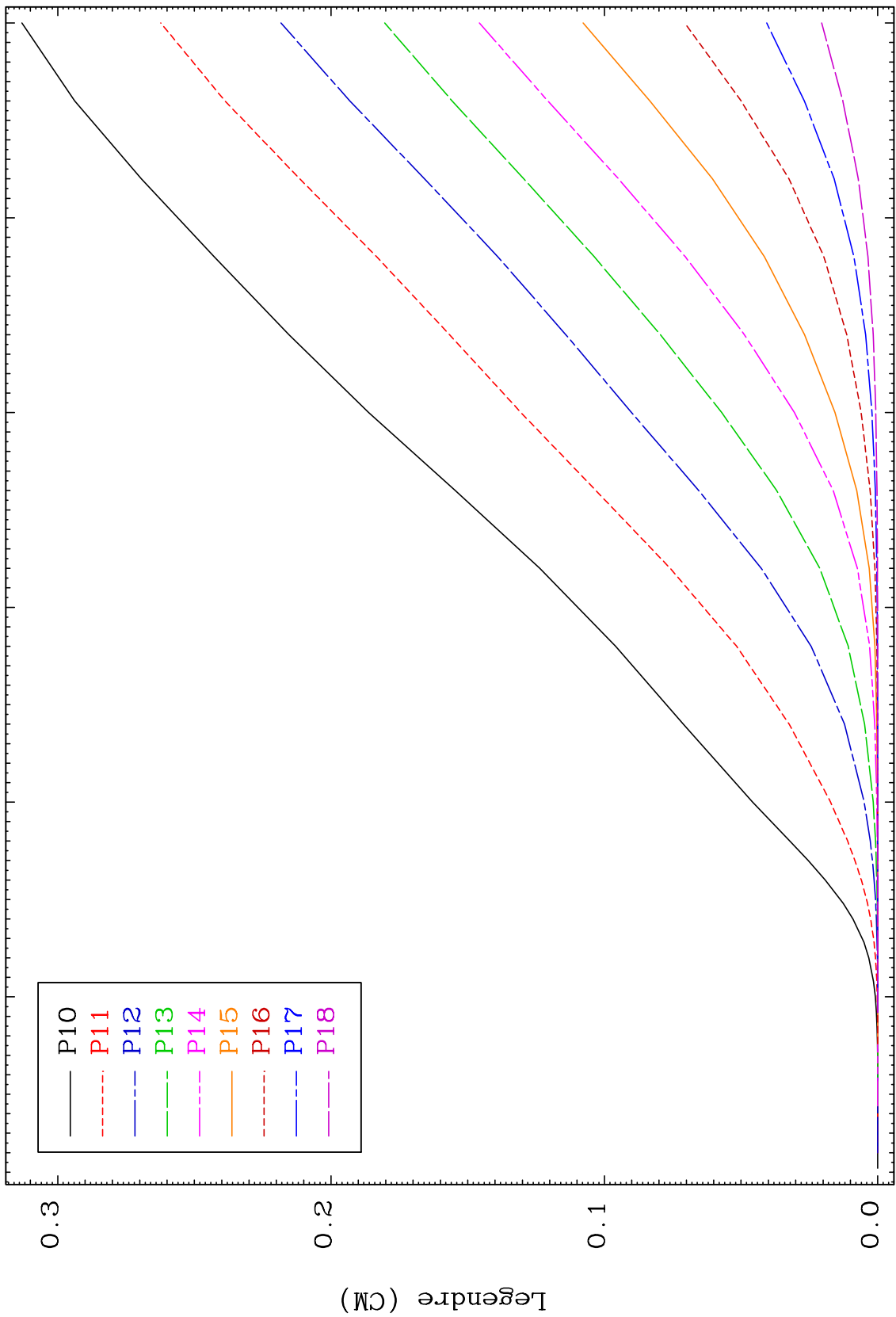
Incident Energy (MeV)

54-Xe-130

MAT 5443

Elastic Legendre Coefficients

54-Xe-130



17

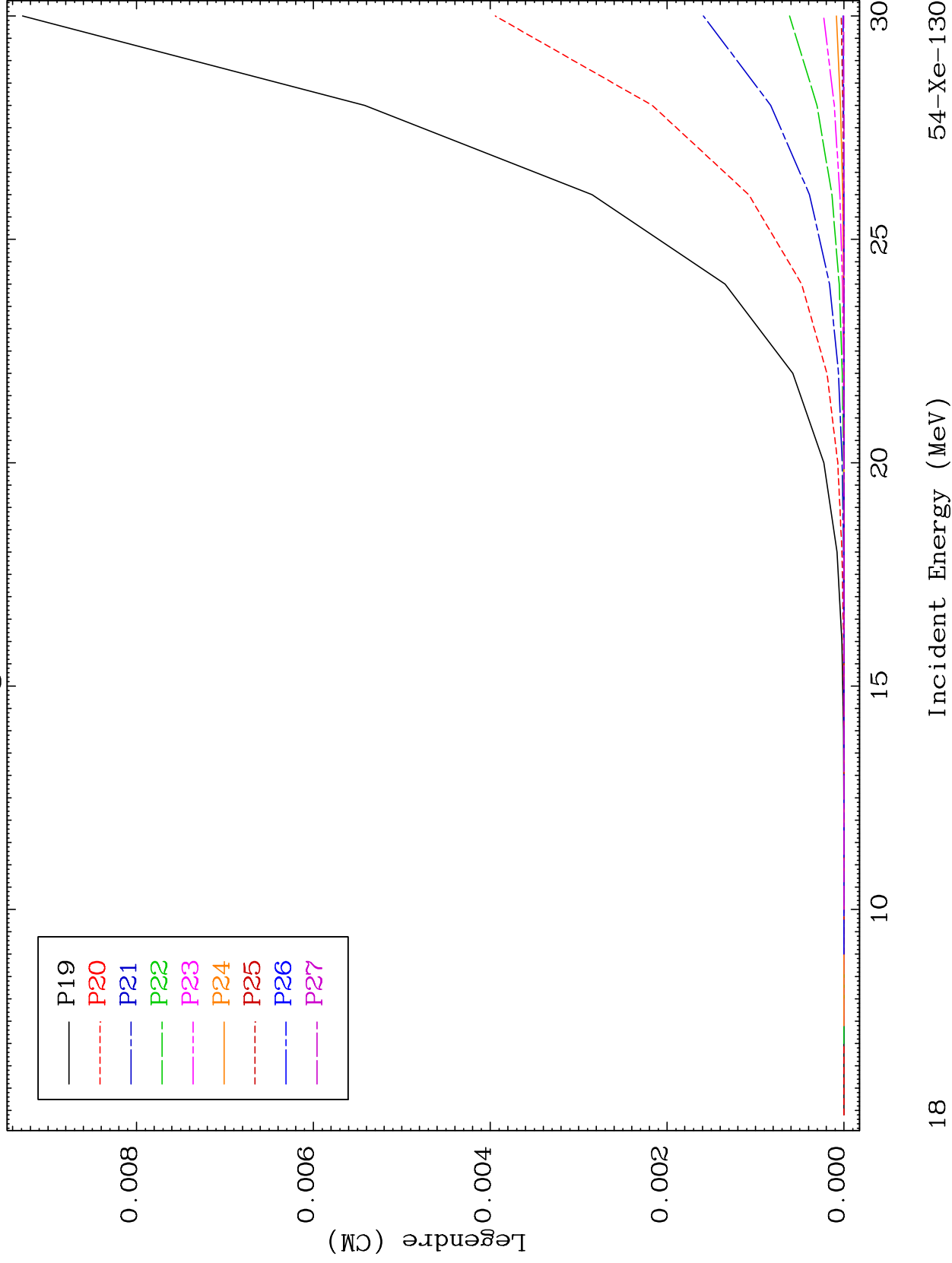
54-Xe-130

Incident Energy (MeV)

MAT 5443

### Elastic Legendre Coefficients

54-Xe-130



18

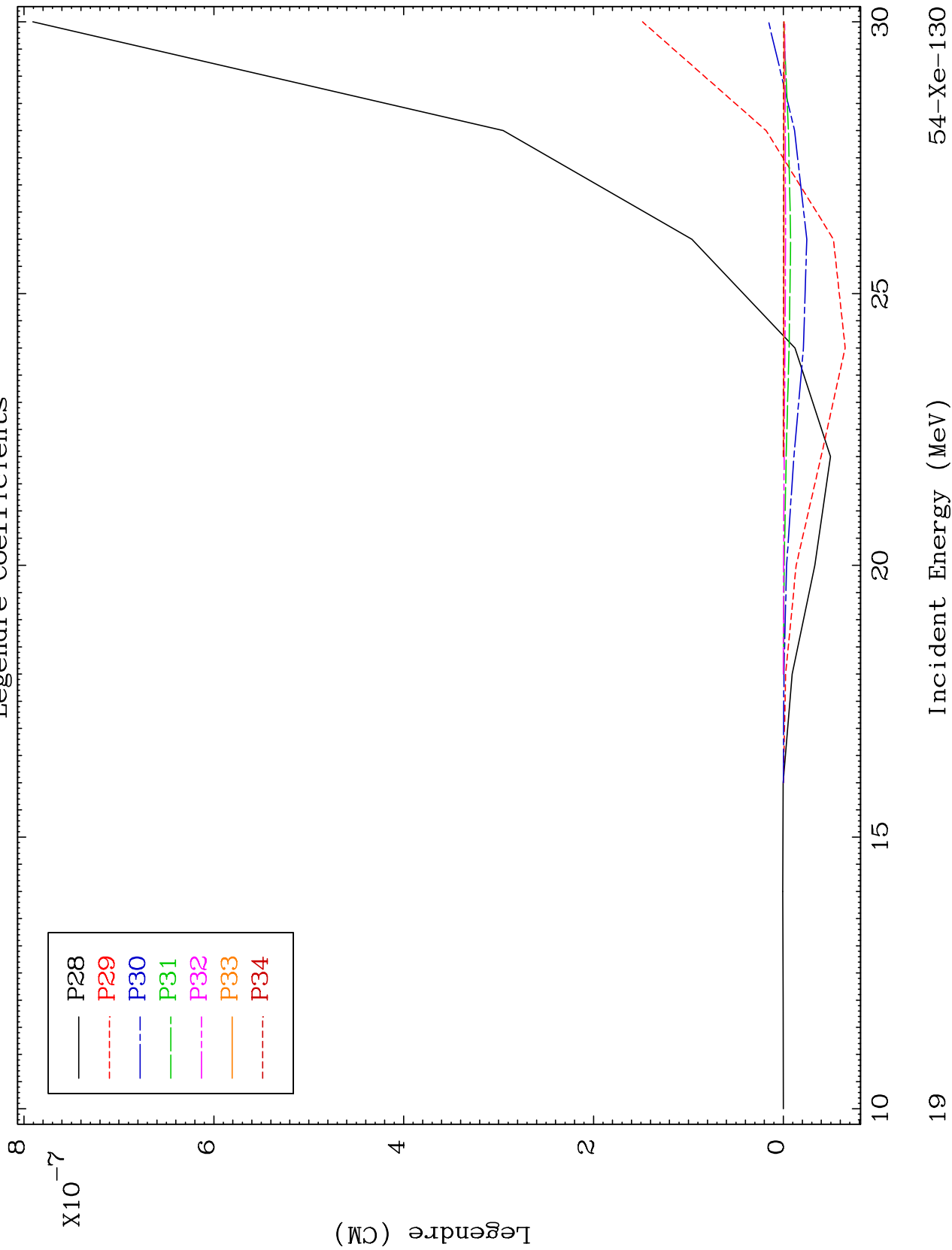
Incident Energy (MeV)

54-Xe-130

MAT 5443

Elastic Legendre Coefficients

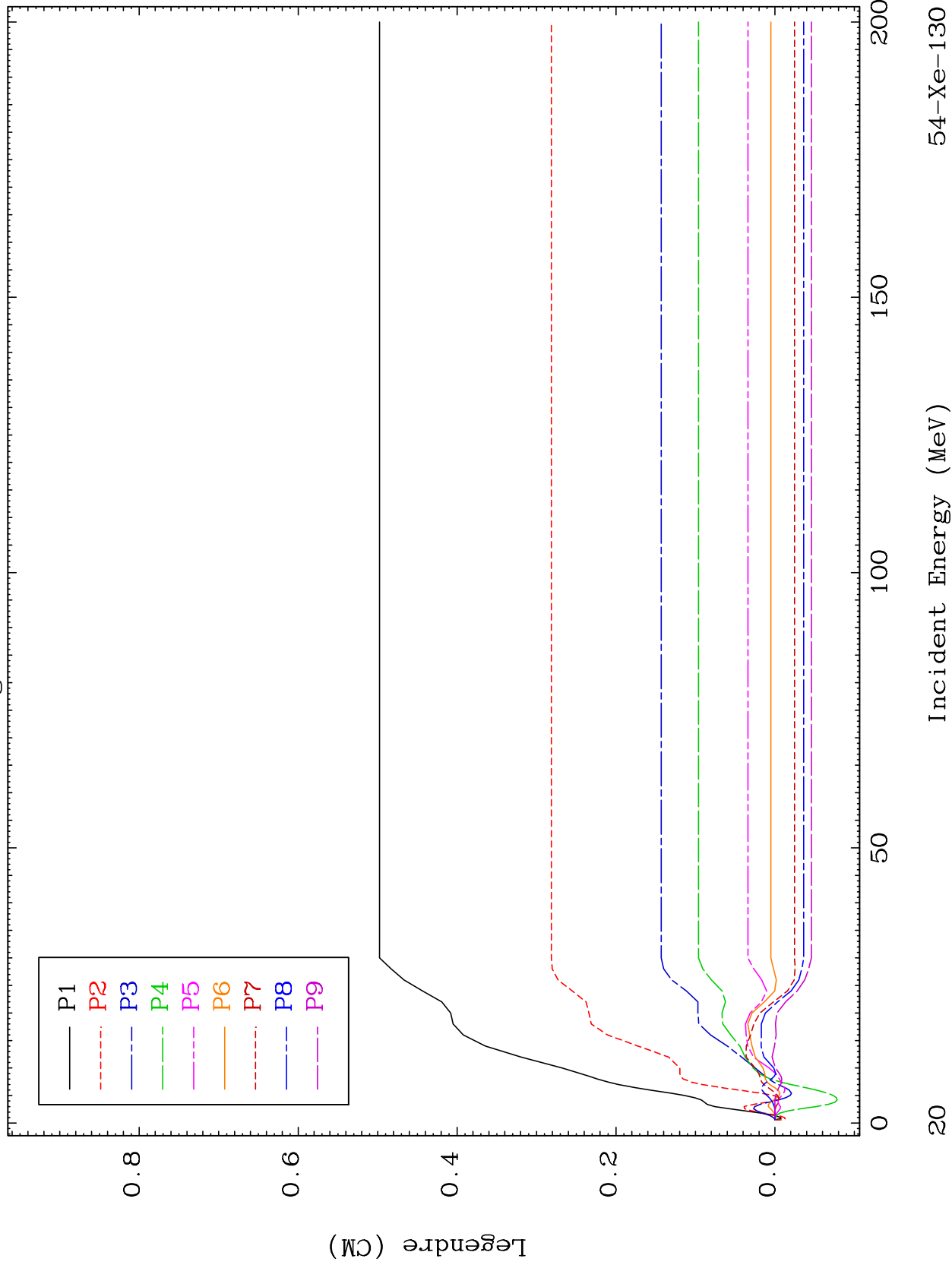
54-Xe-130



MAT 5443

536.1 keV (n,n') Level  
Legendre Coefficients

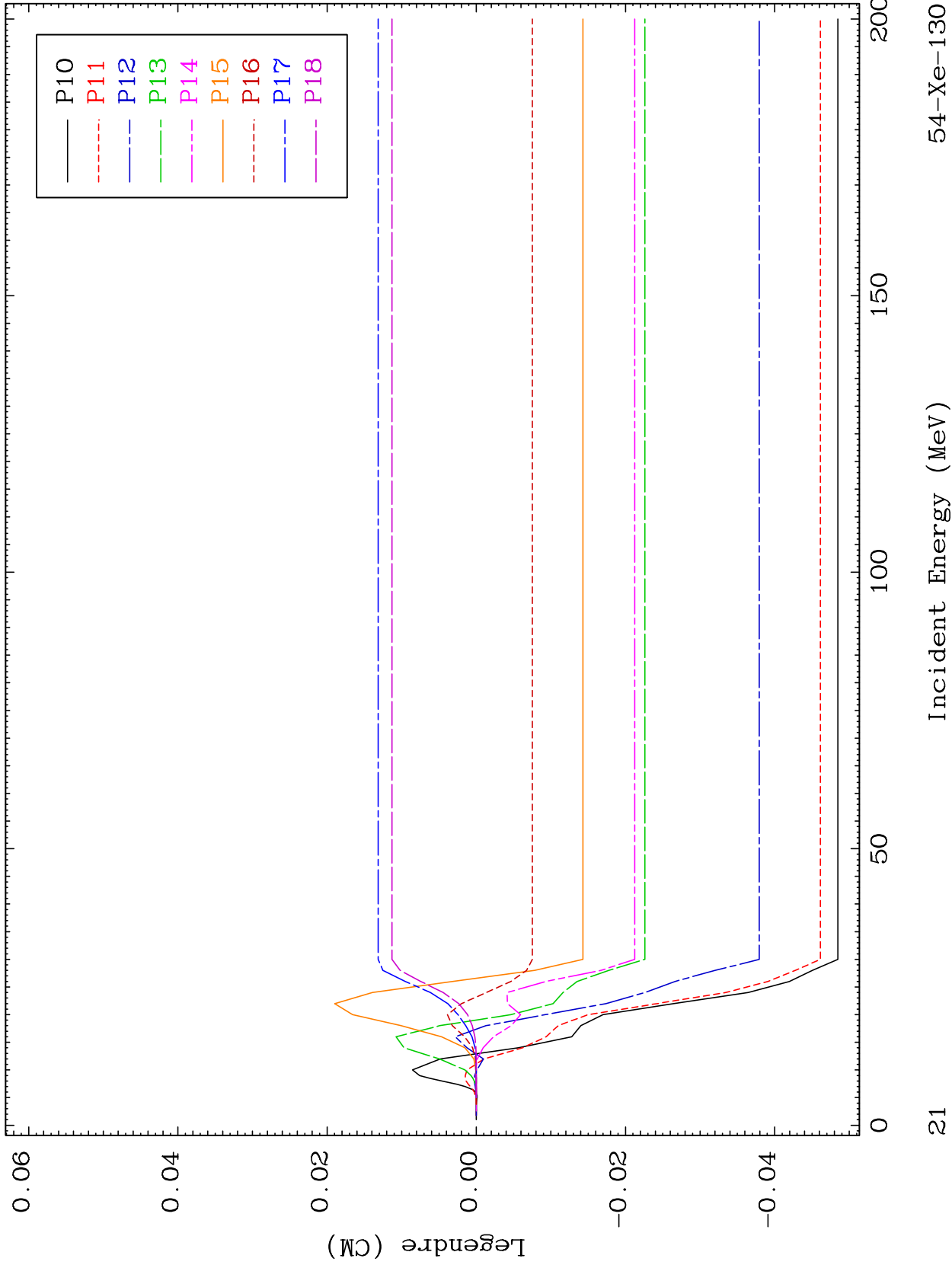
54-Xe-130



MAT 5443

536.1 keV (n,n') Level  
Legendre Coefficients

54-Xe-130



21

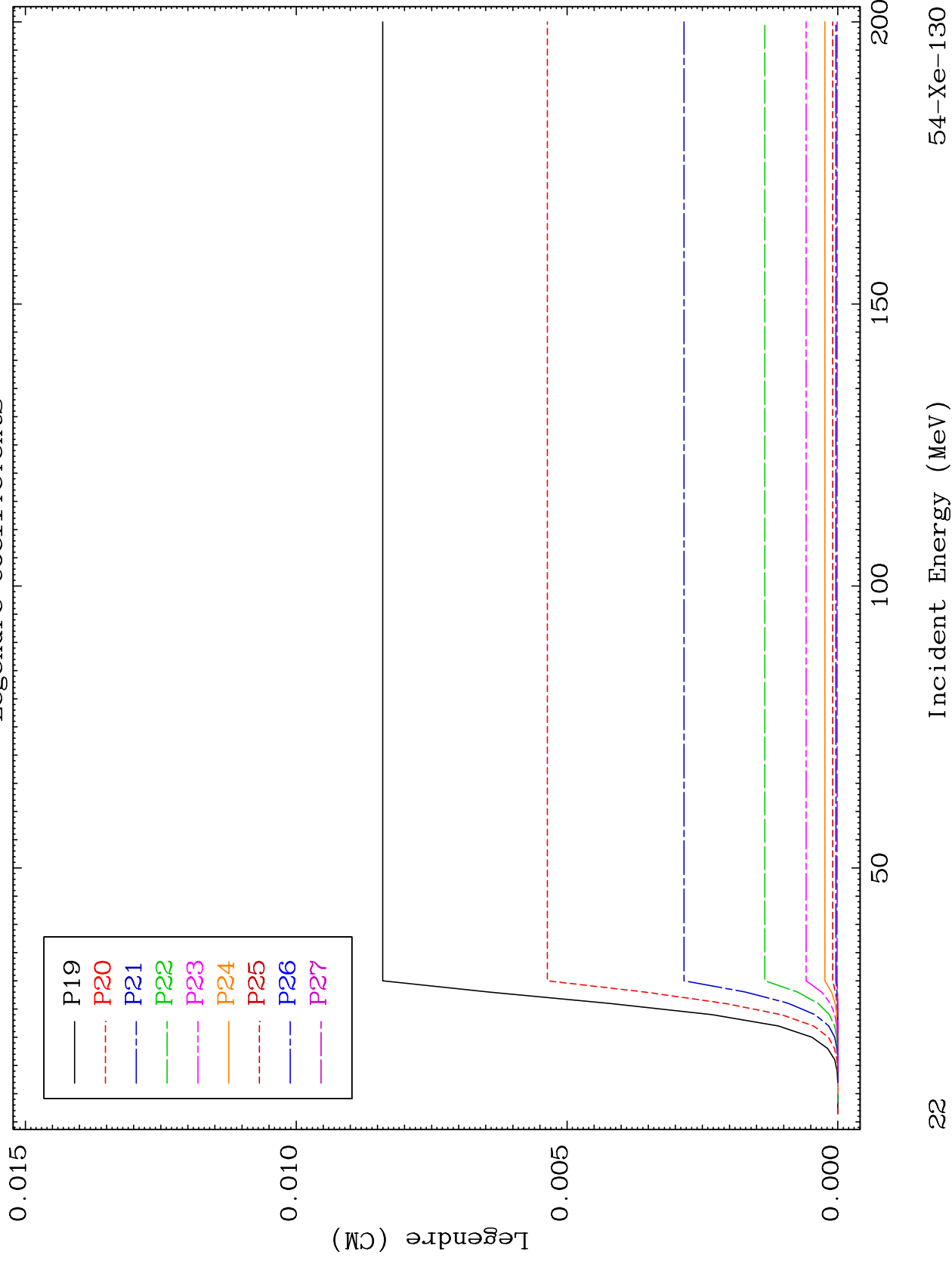
Incident Energy (MeV)

54-Xe-130

MAT 5443

536.1 keV (n,n') Level  
Legendre Coefficients

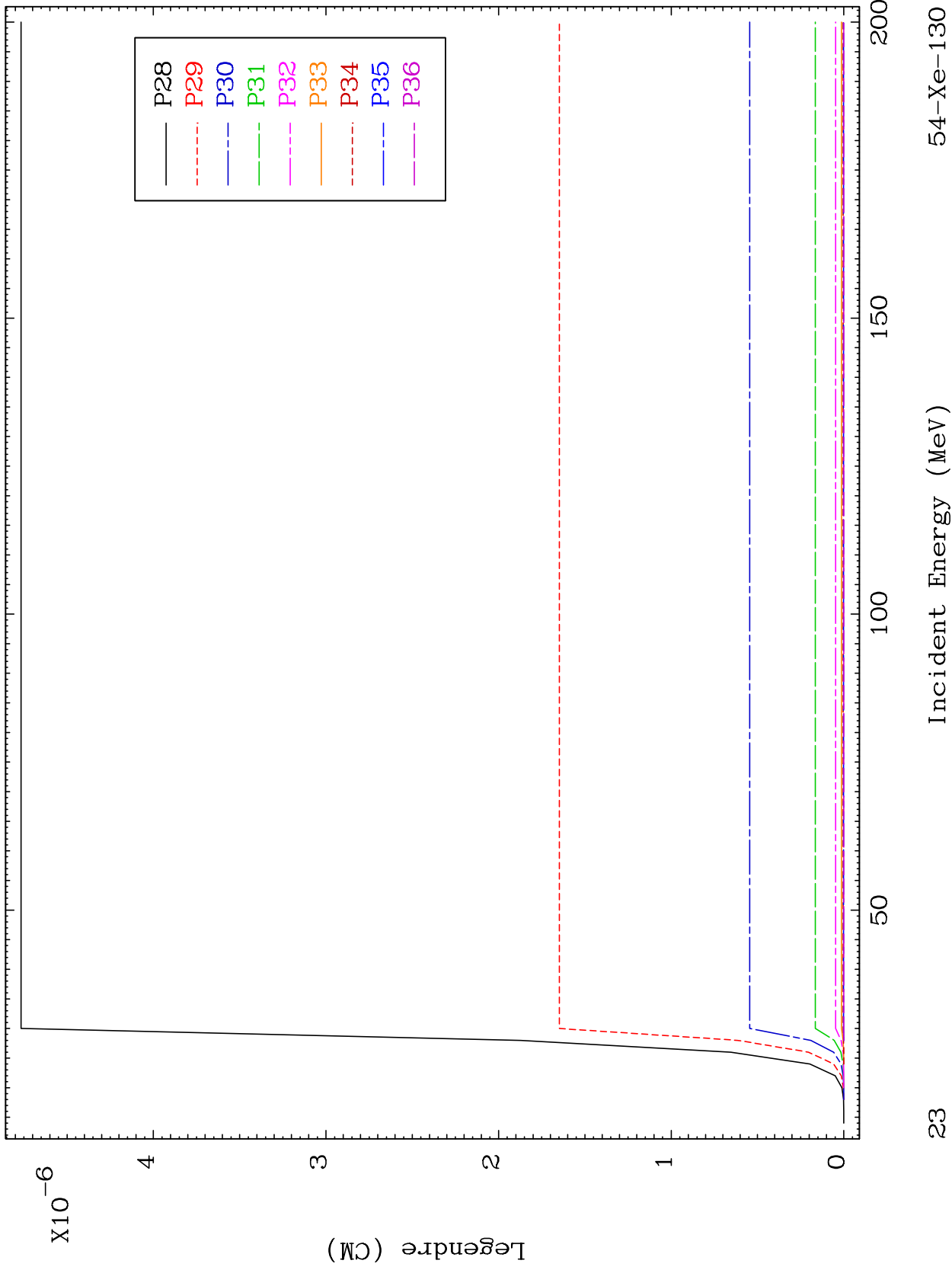
54-Xe-130



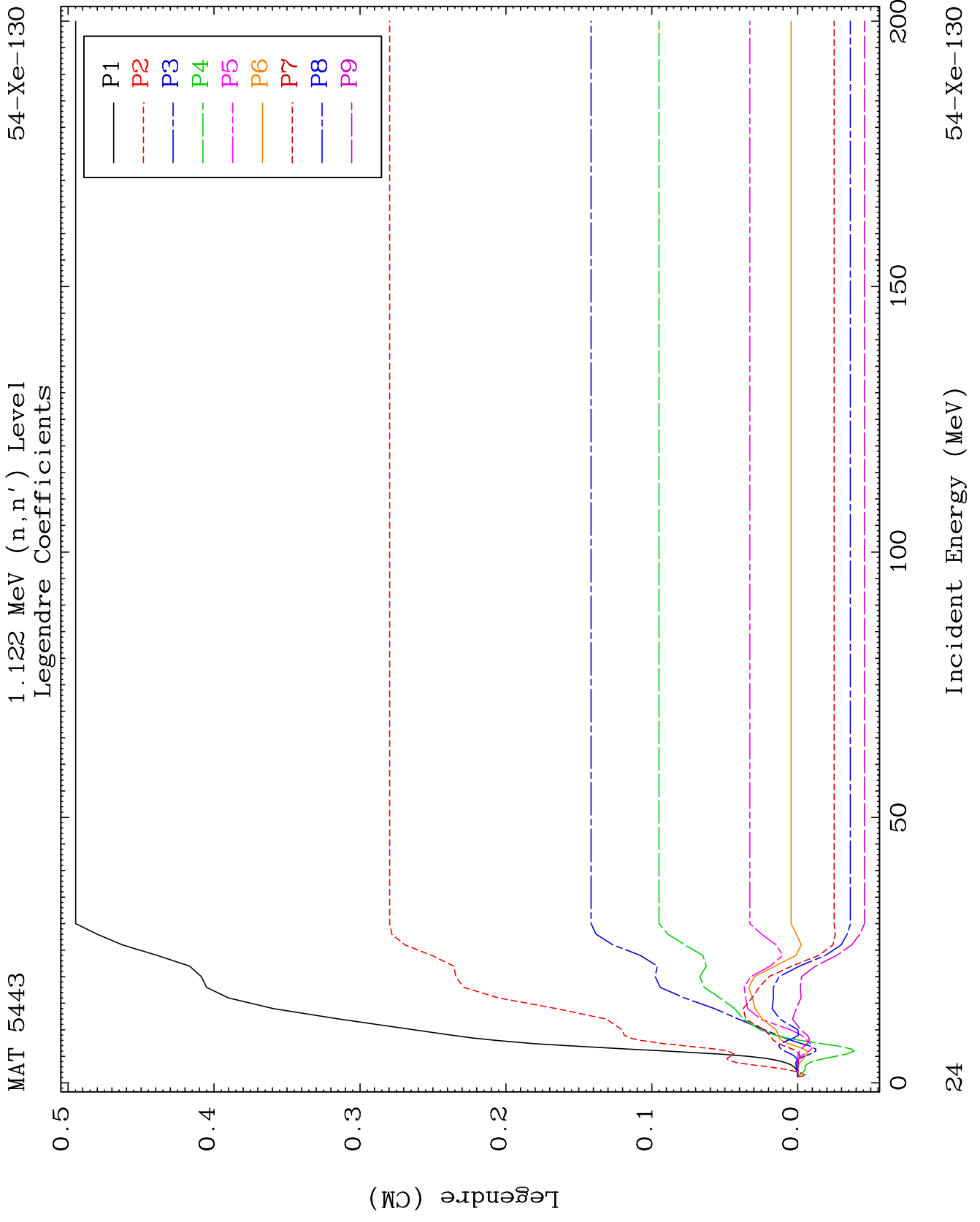
MAT 5443

536.1 keV (n,n') Level  
Legendre Coefficients

54-Xe-130



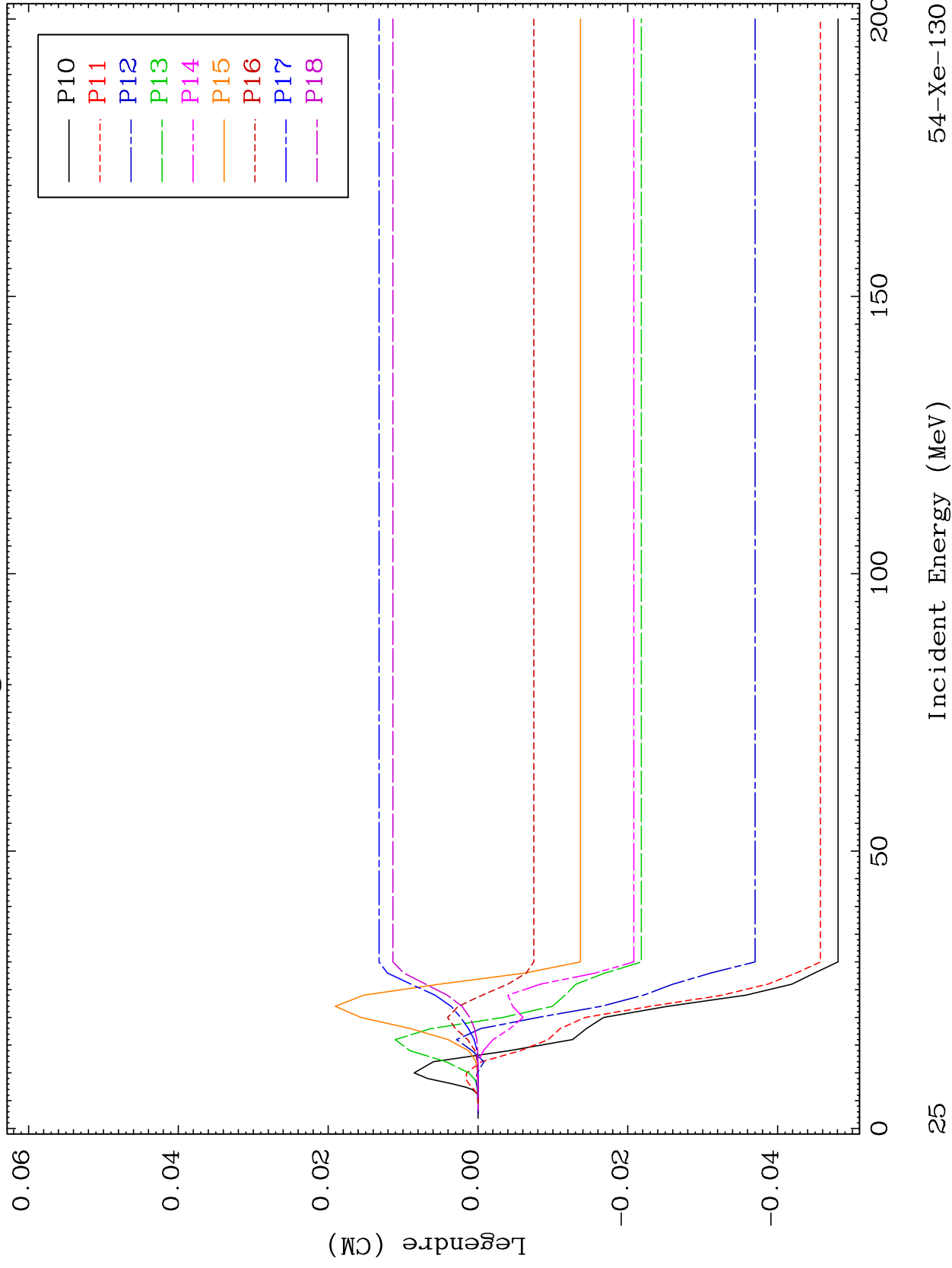




MAT 5443

1.122 MeV (n,n') Level  
Legendre Coefficients

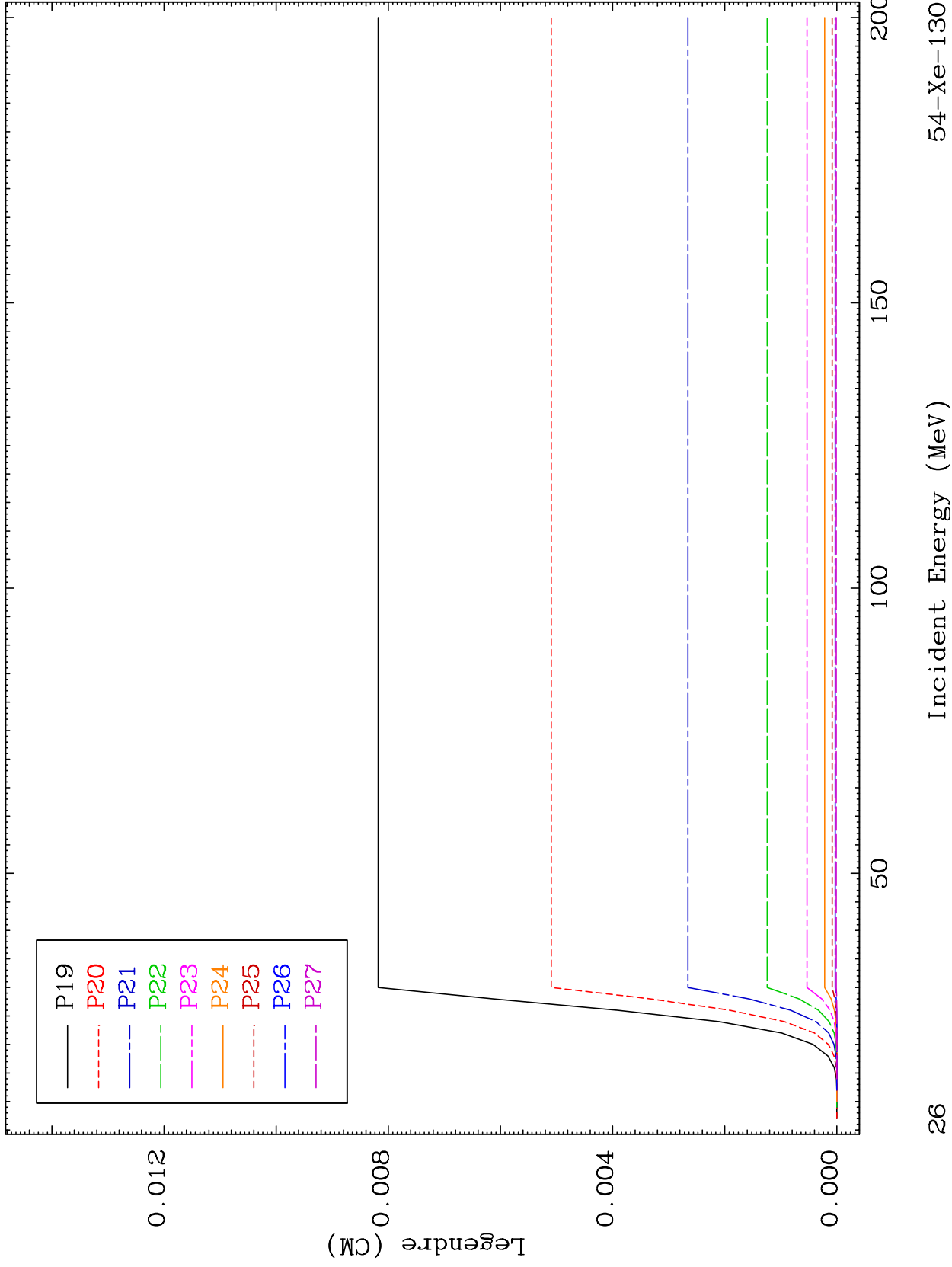
54-Xe-130



54-Xe-130

Incident Energy (MeV)

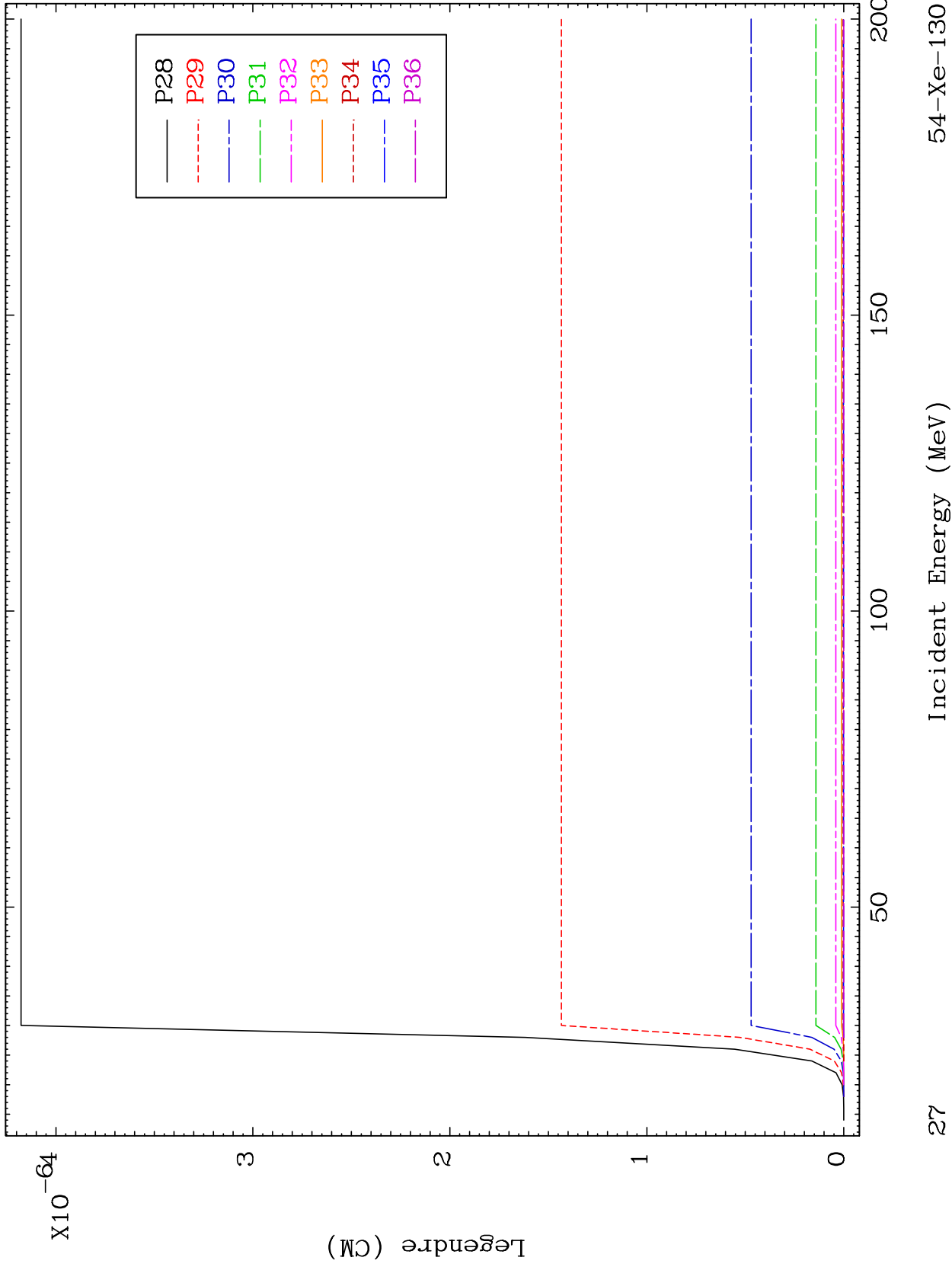
25



MAT 5443

1.122 MeV (n, n') Level  
Legendre Coefficients

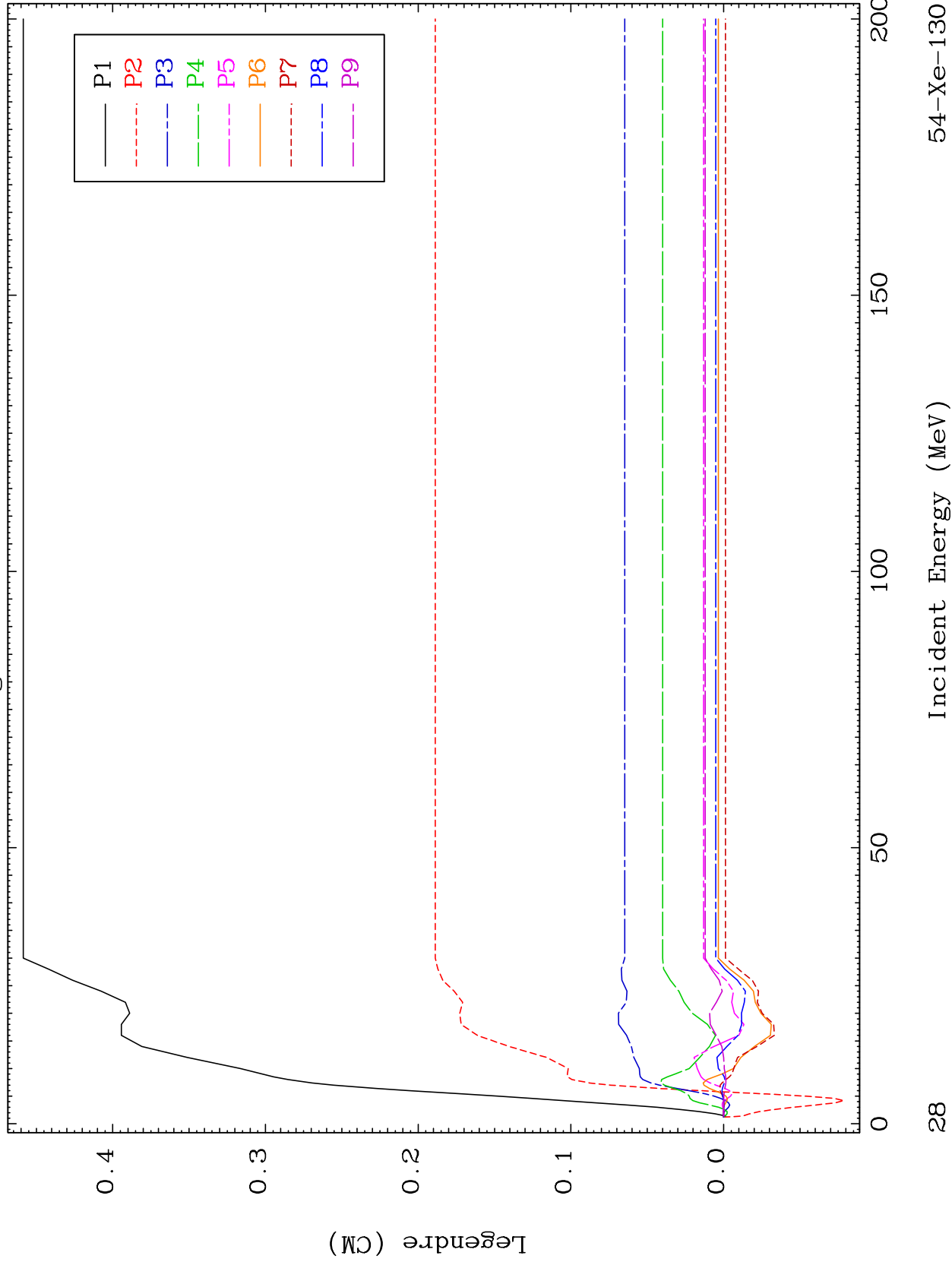
54-Xe-130



MAT 5443

1.205 MeV (n,n') Level  
Legendre Coefficients

54-Xe-130



54-Xe-130

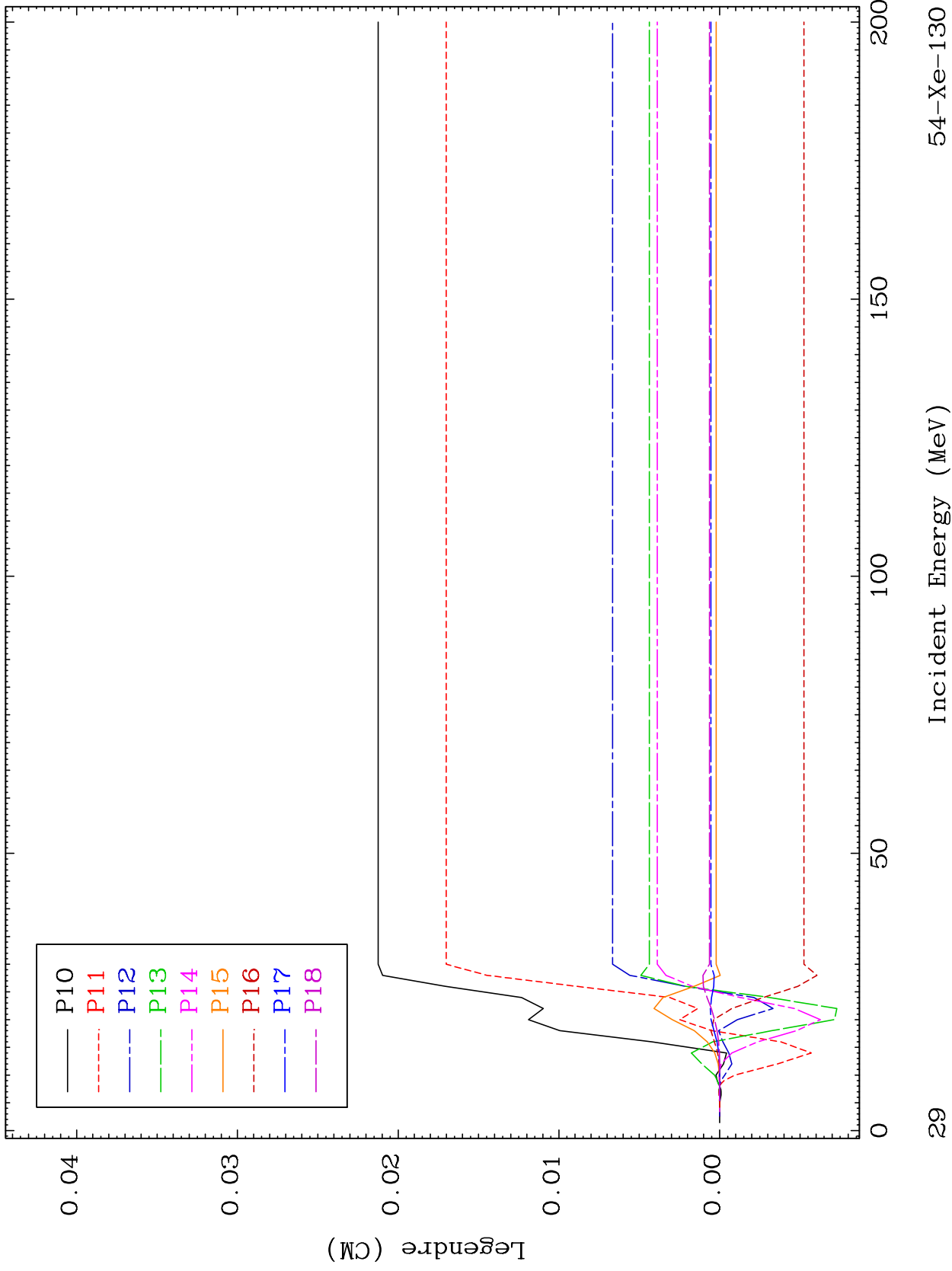
Incident Energy (MeV)

28

MAT 5443

1.205 MeV (n,n') Level  
Legendre Coefficients

54-Xe-130



29

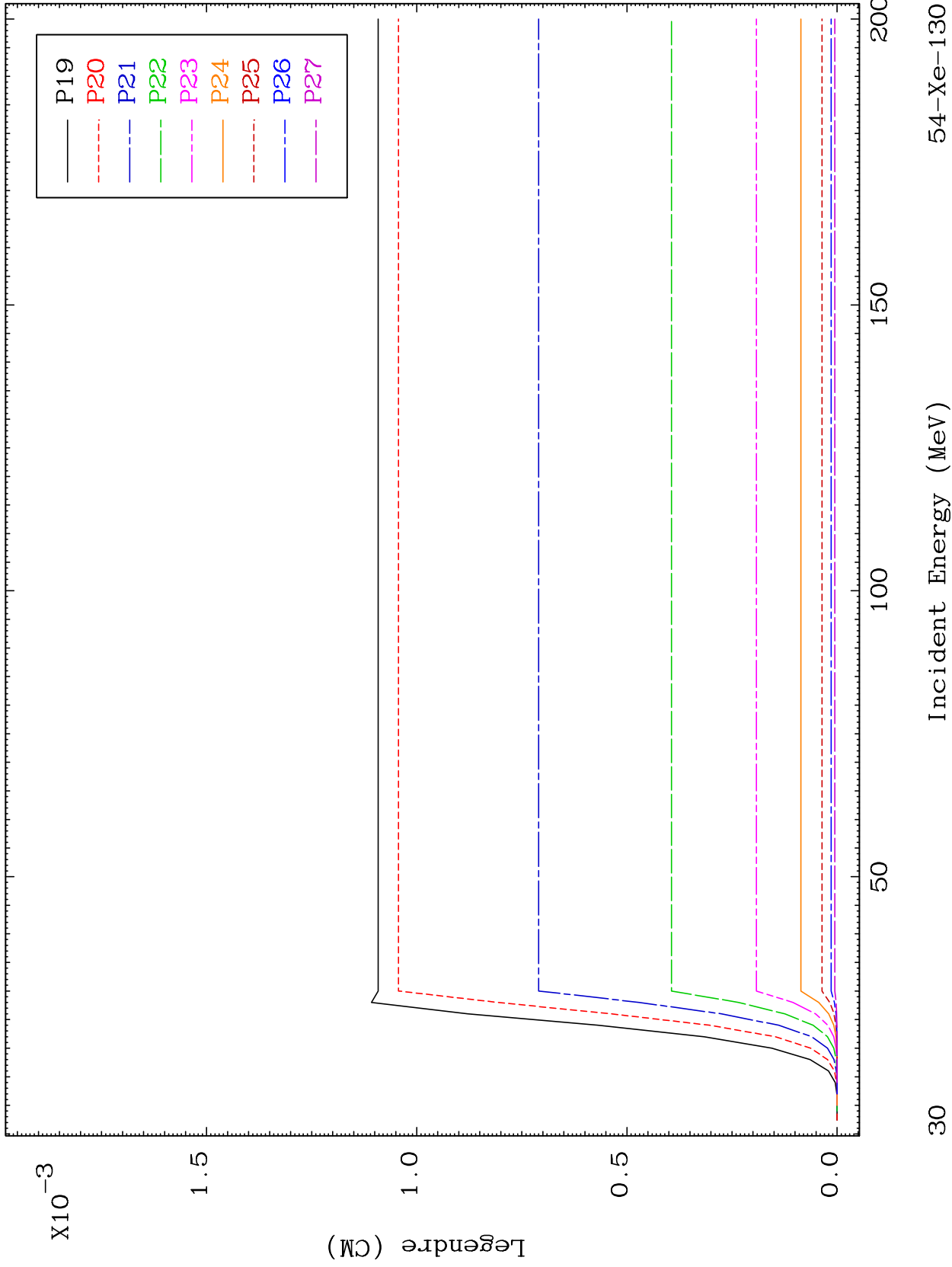
Incident Energy (MeV)

54-Xe-130

MAT 5443

1.205 MeV (n,n') Level  
Legendre Coefficients

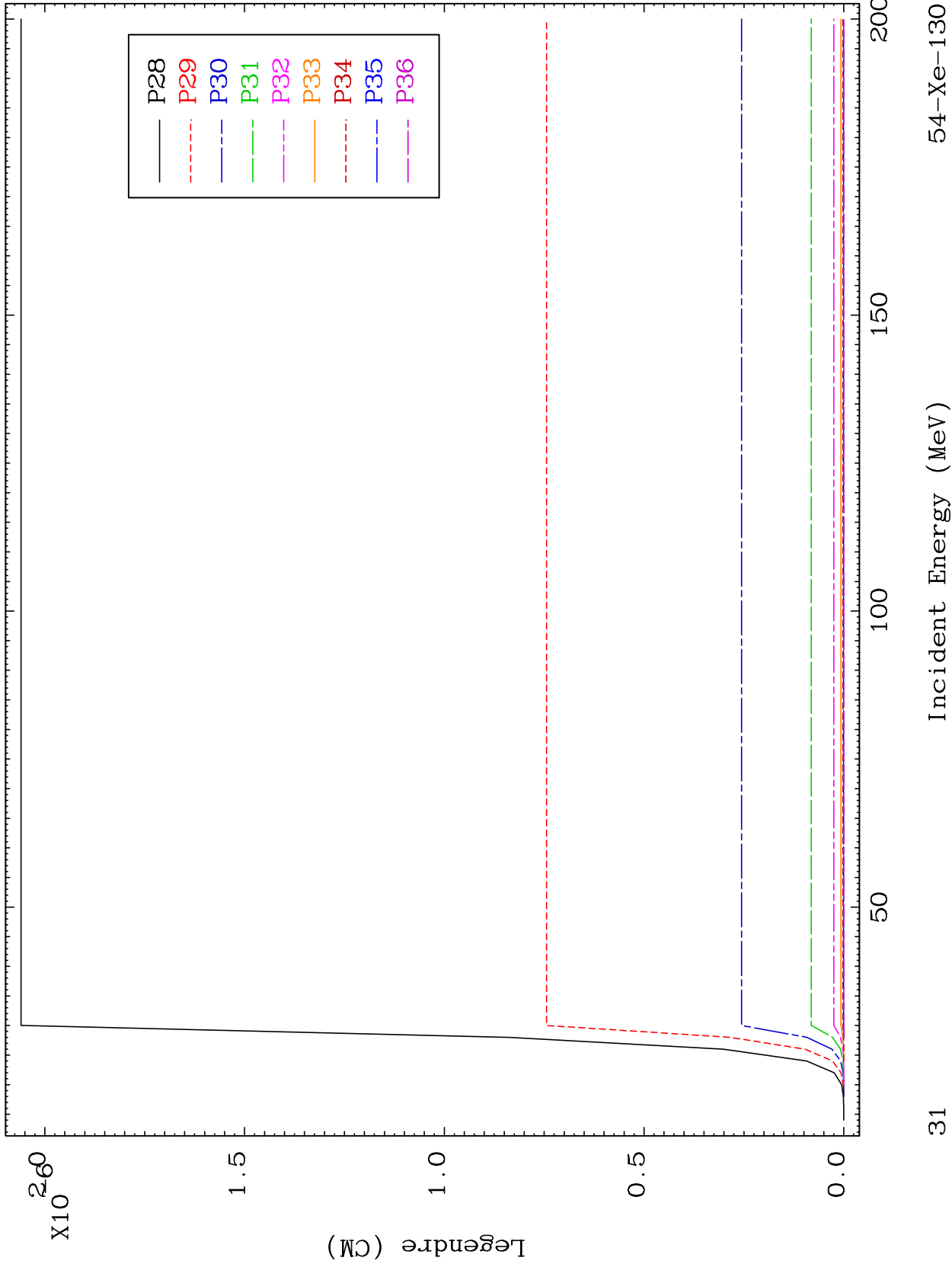
54-Xe-130



MAT 5443

1.205 MeV (n, n') Level  
Legendre Coefficients

54-Xe-130



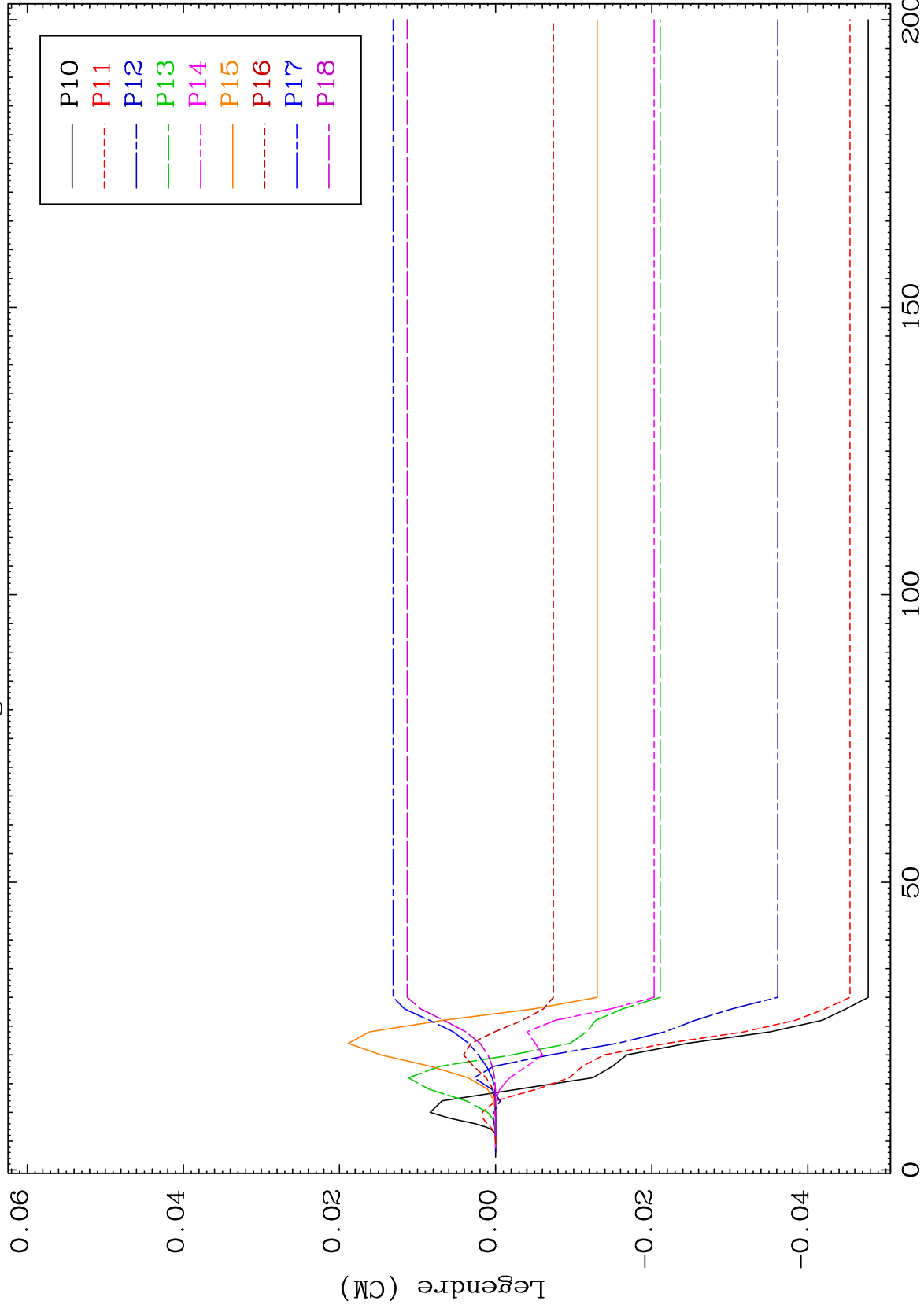




MAT 5443

1.590 MeV (n,n') Level  
Legendre Coefficients

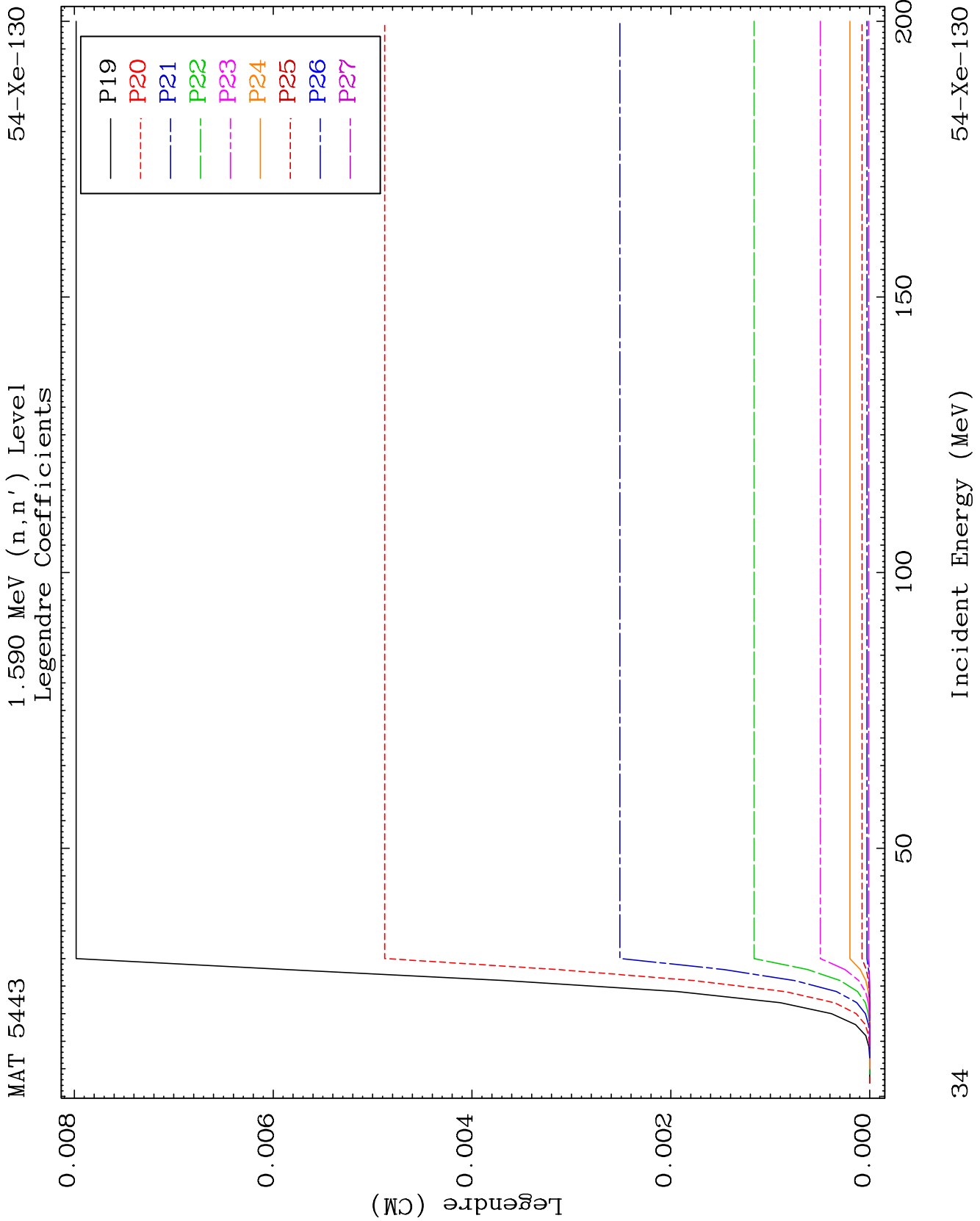
54-Xe-130



33

Incident Energy (MeV)

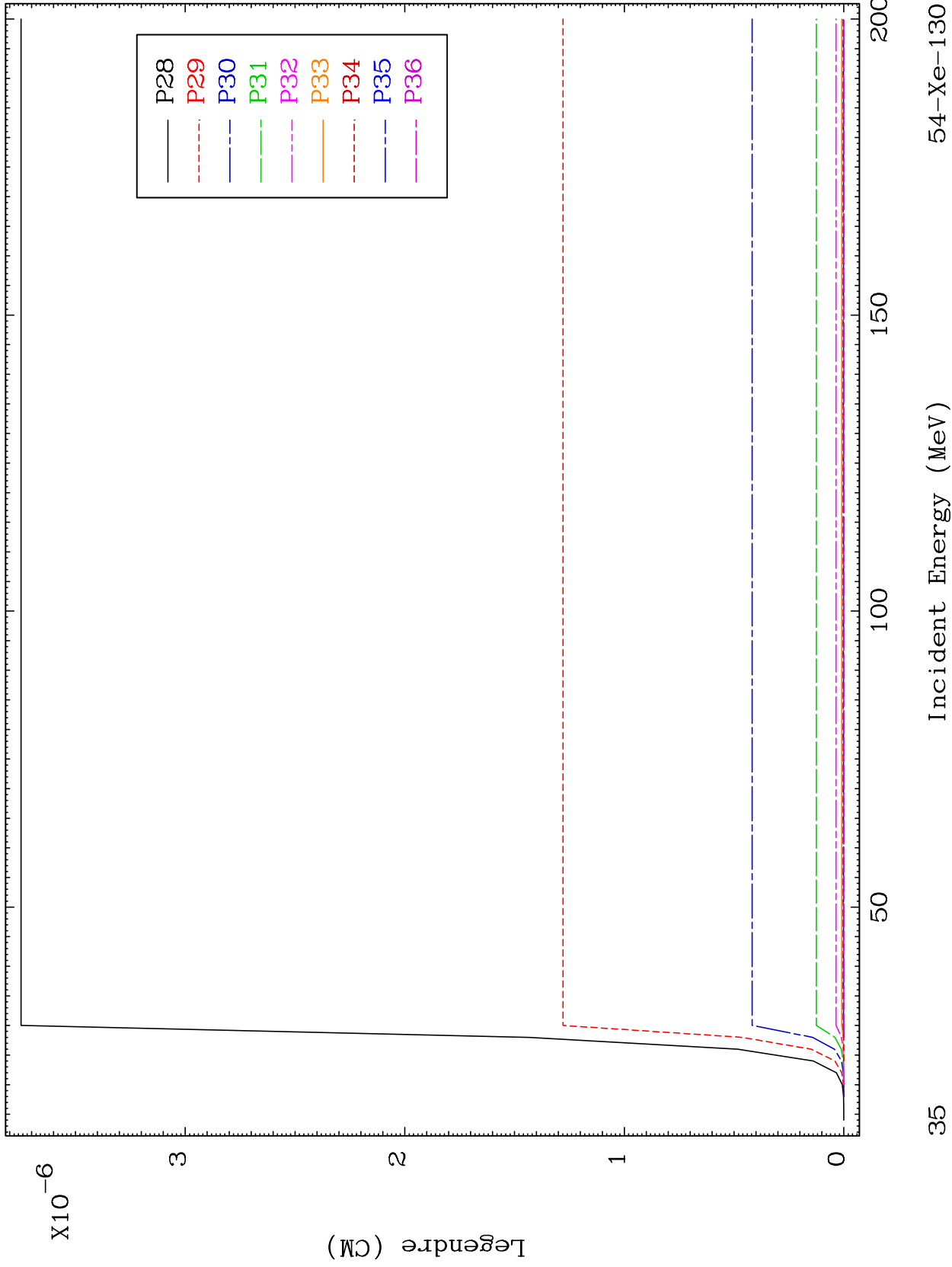
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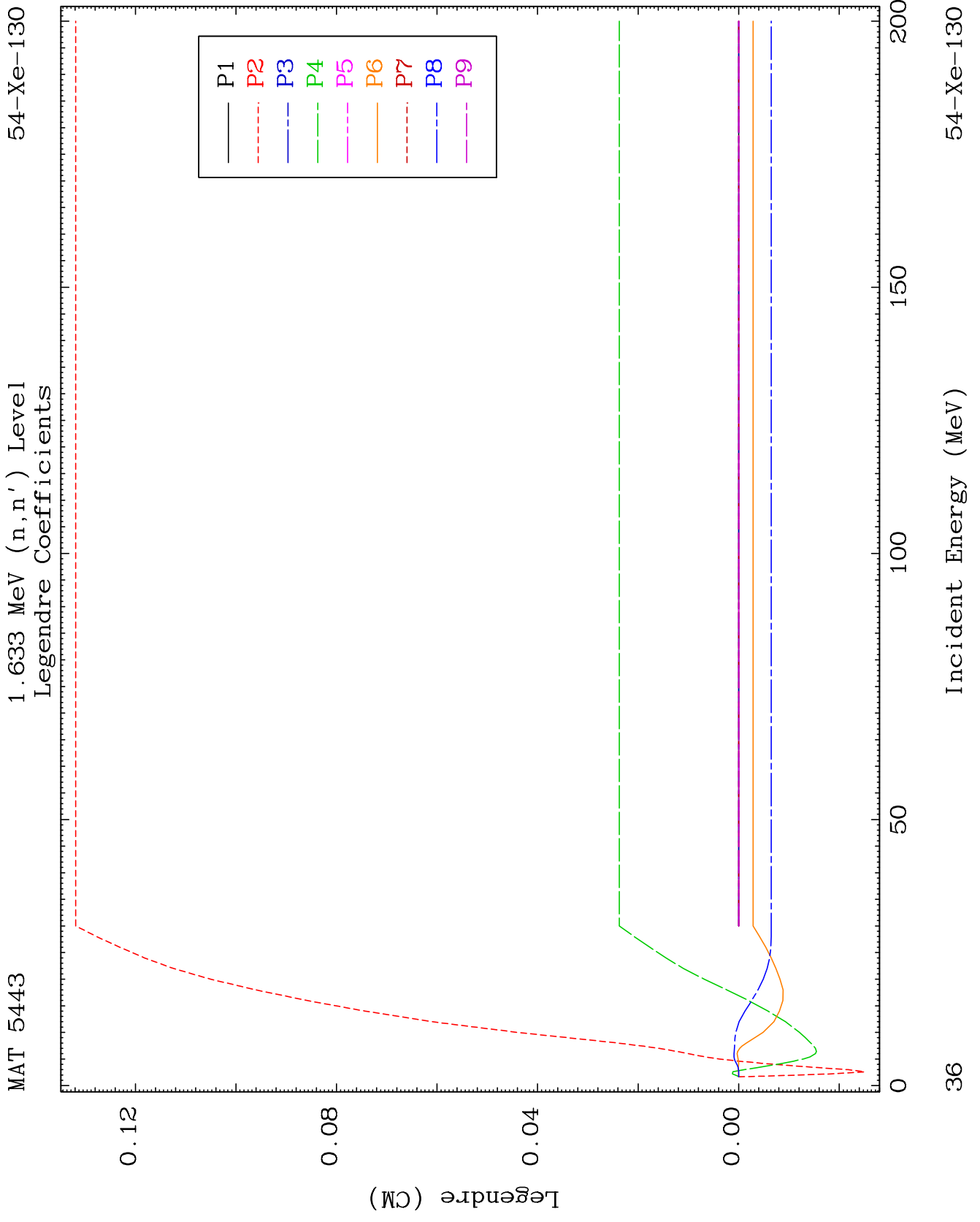


MAT 5443

1.590 MeV (n,n') Level  
Legendre Coefficients

54-Xe-130

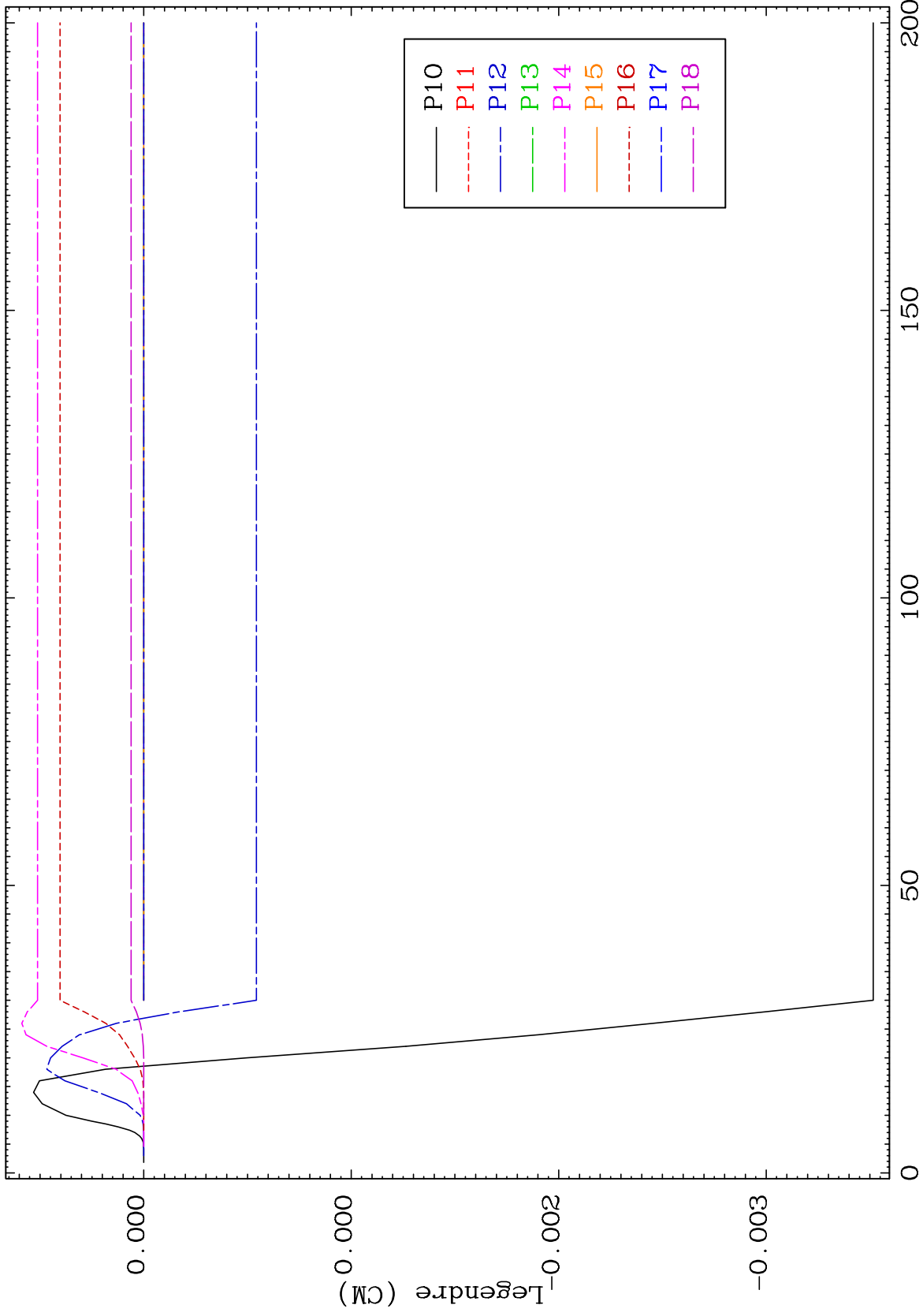




MAT 5443

1.633 MeV (n,n') Level  
Legendre Coefficients

54-Xe-130

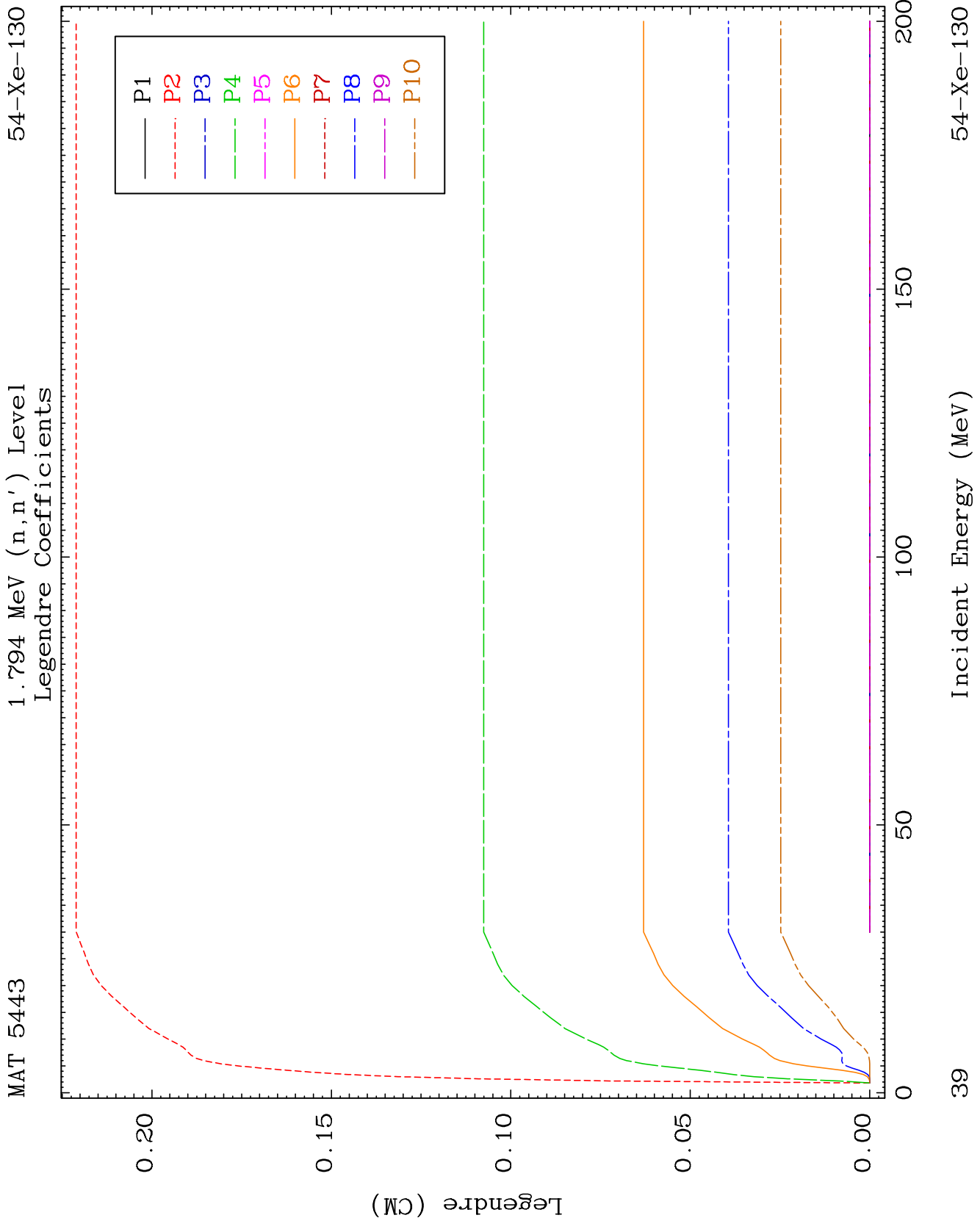


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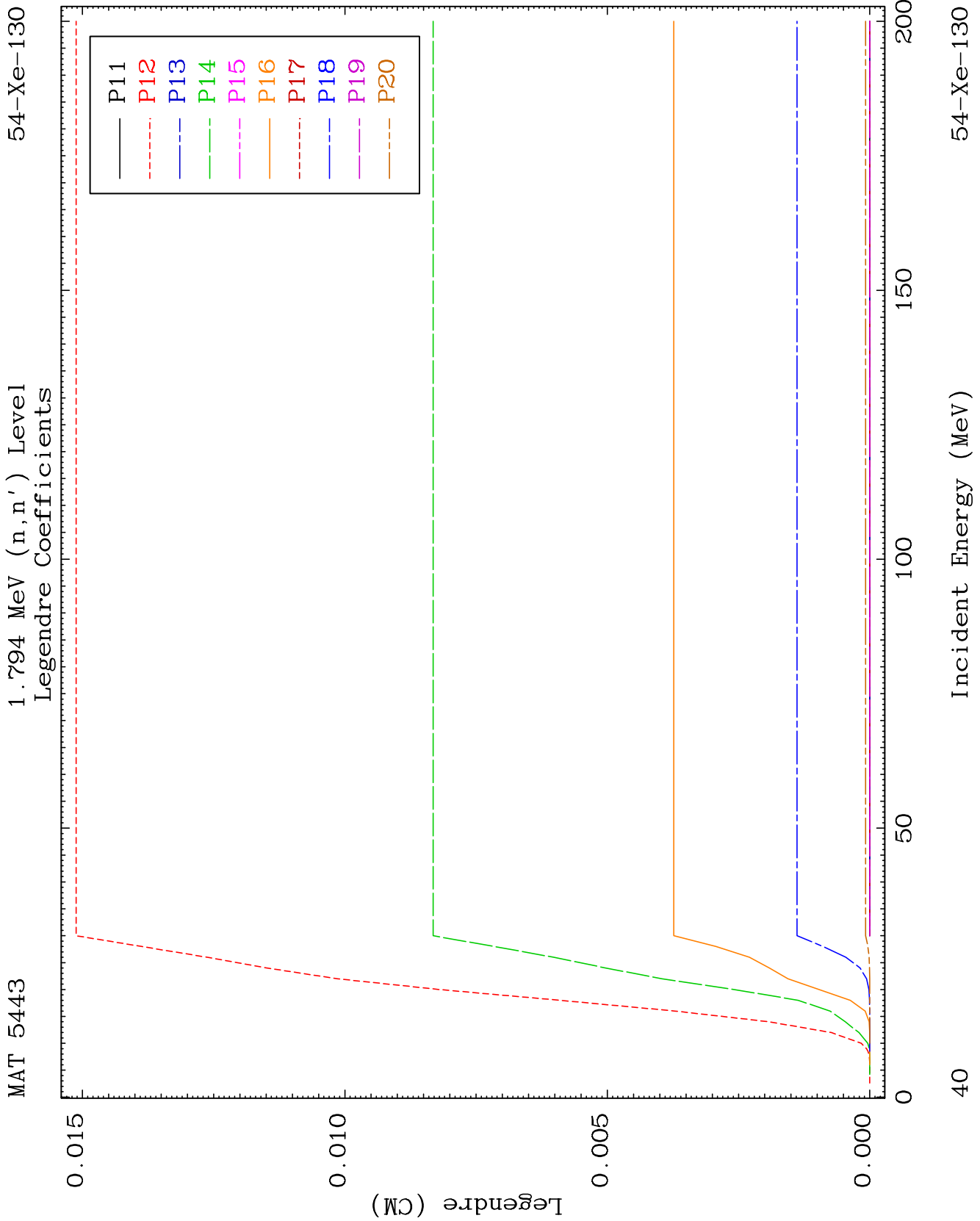
Incident Energy (MeV)

54-Xe-130







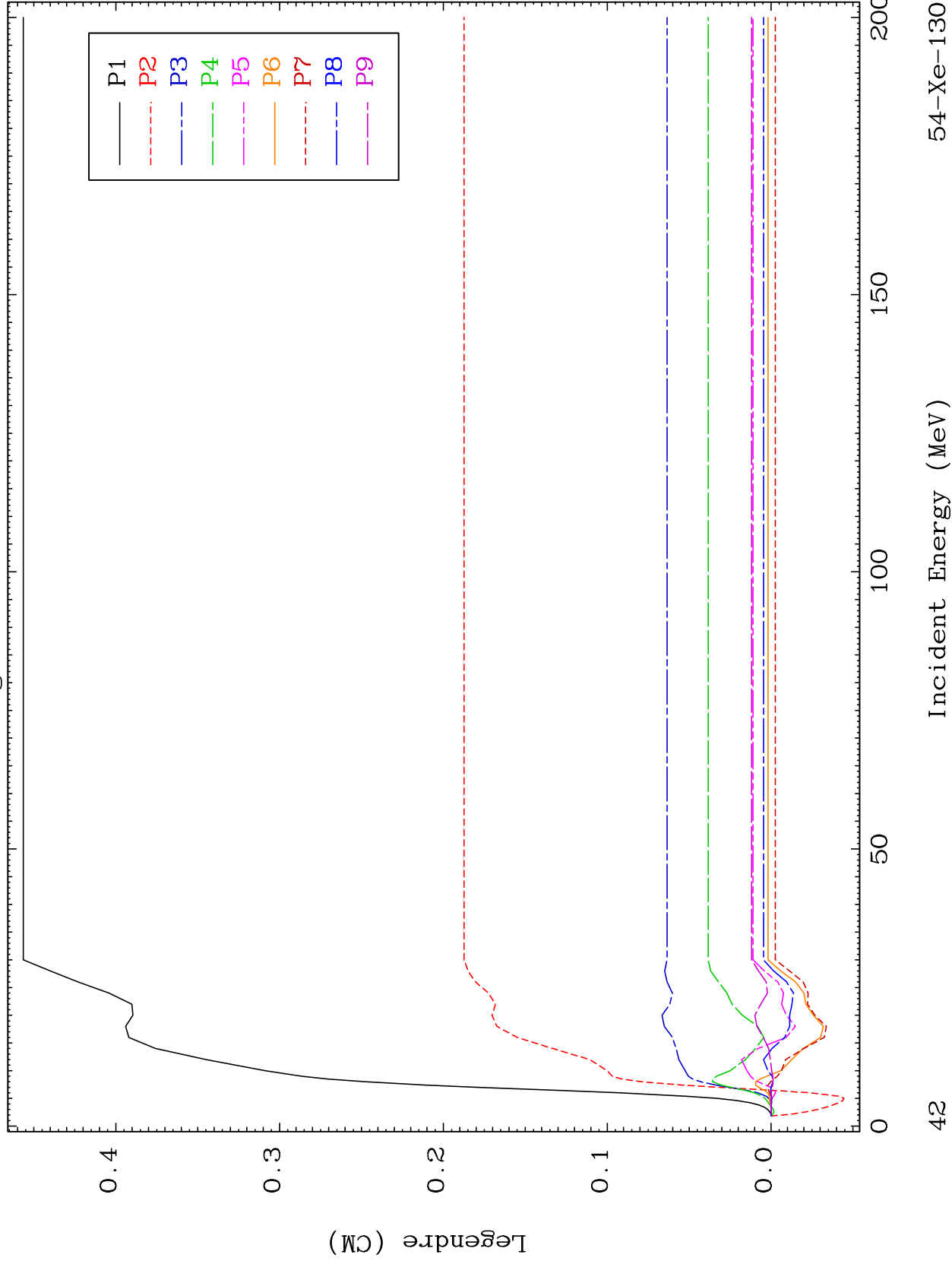




MAT 5443

1.808 MeV (n,n') Level  
Legendre Coefficients

54-Xe-130



54-Xe-130

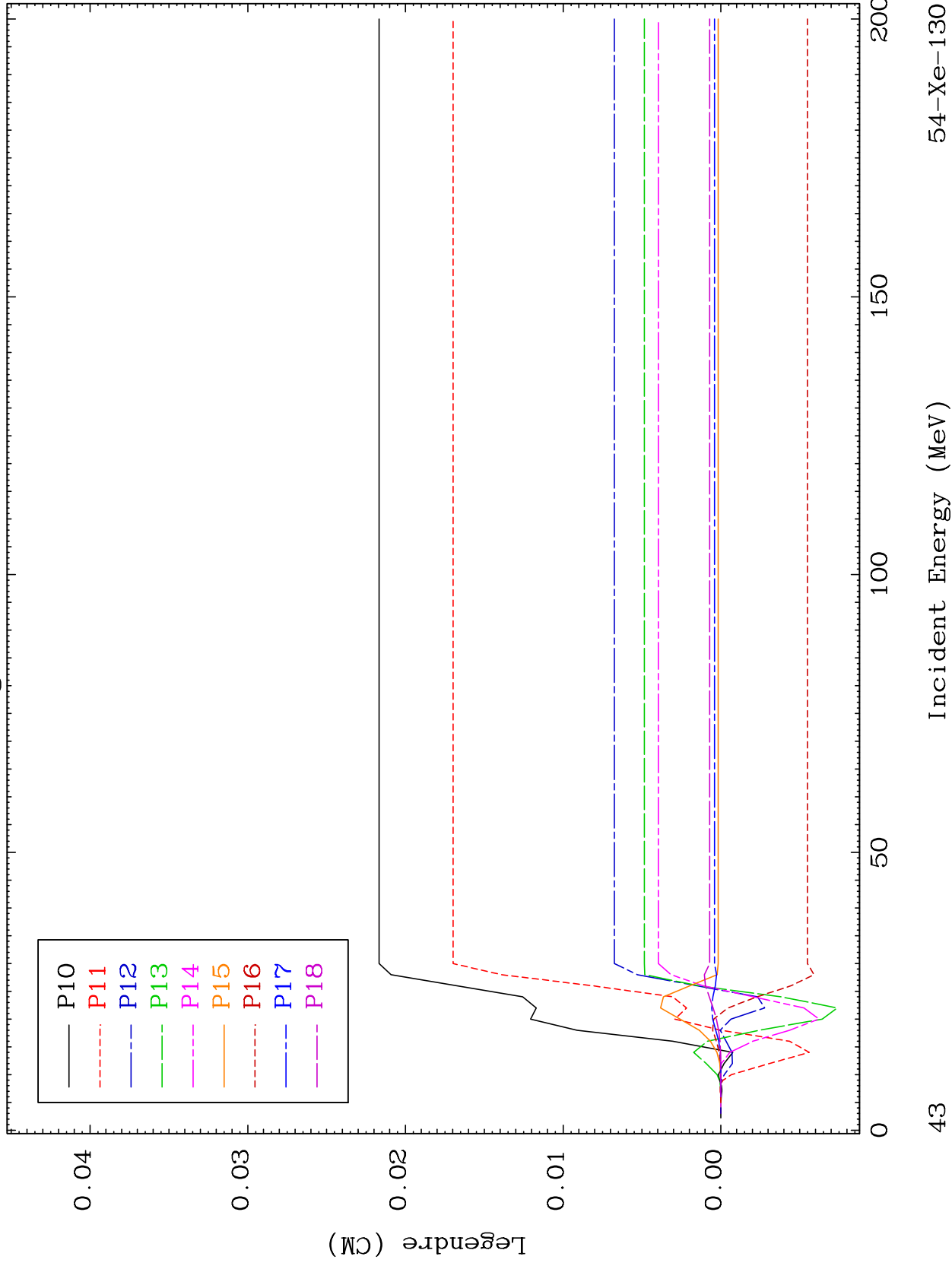
Incident Energy (MeV)

42

MAT 5443

1.808 MeV (n,n') Level  
Legendre Coefficients

54-Xe-130



54-Xe-130

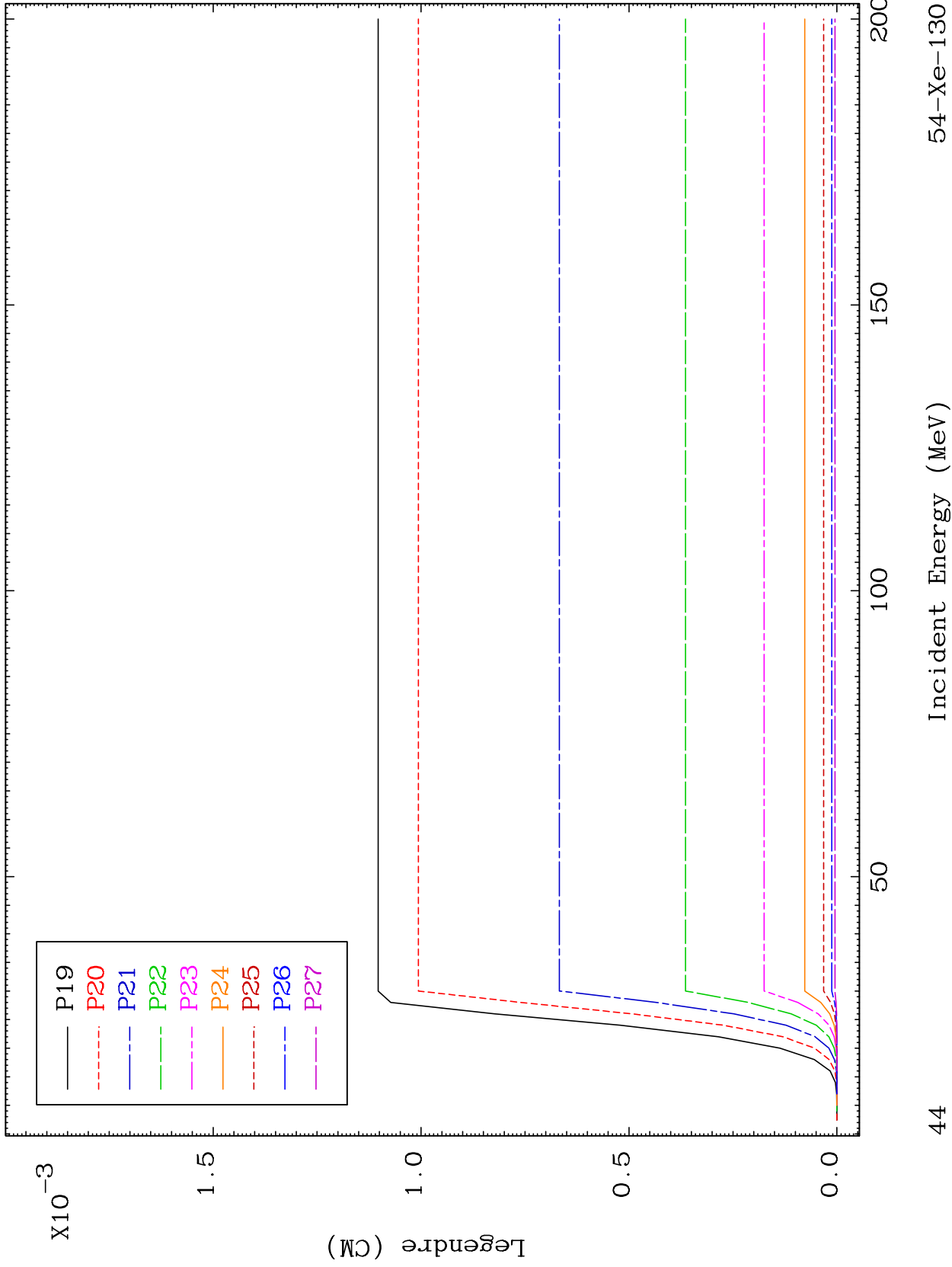
Incident Energy (MeV)

43

MAT 5443

1.808 MeV (n,n') Level  
Legendre Coefficients

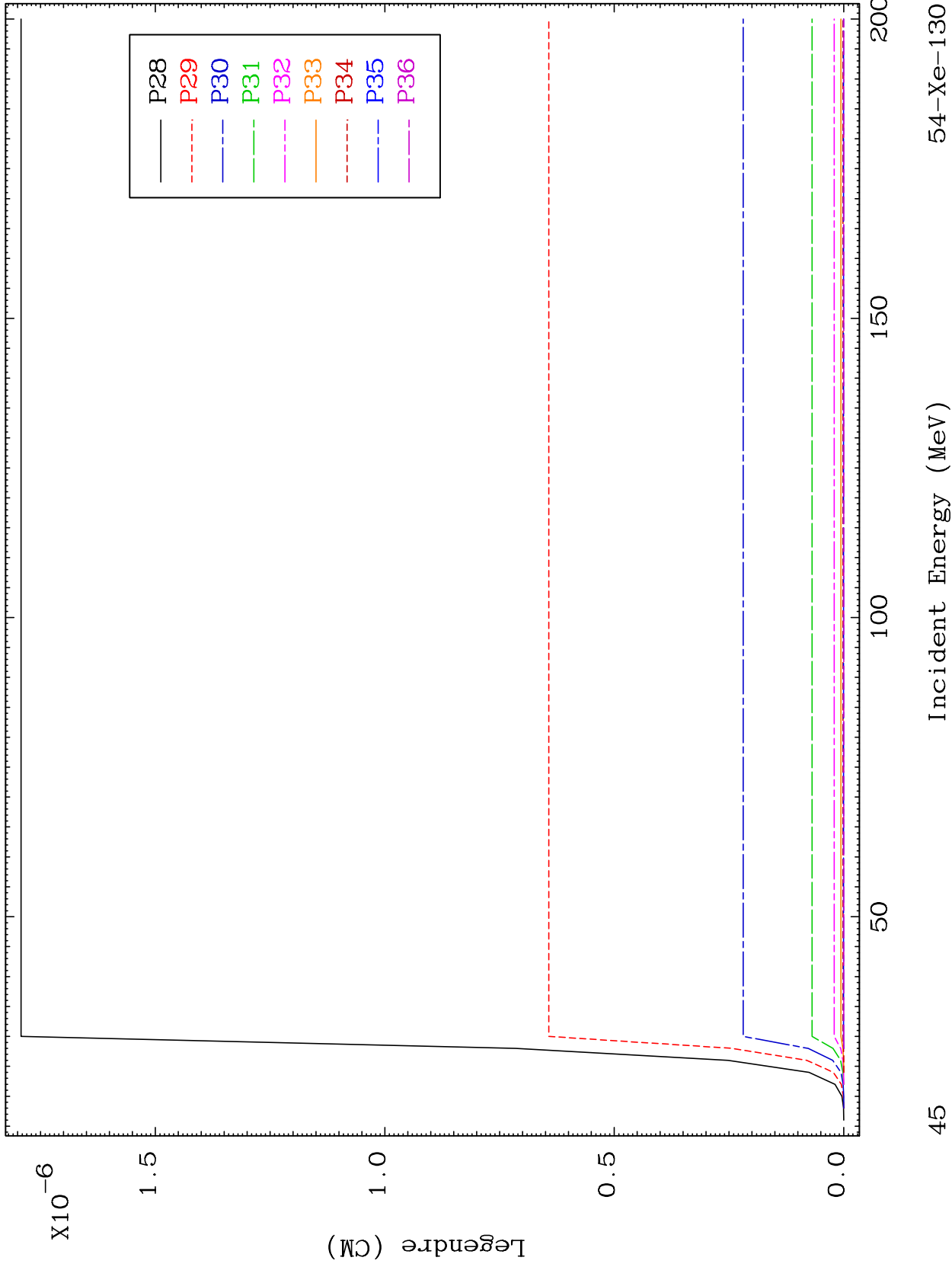
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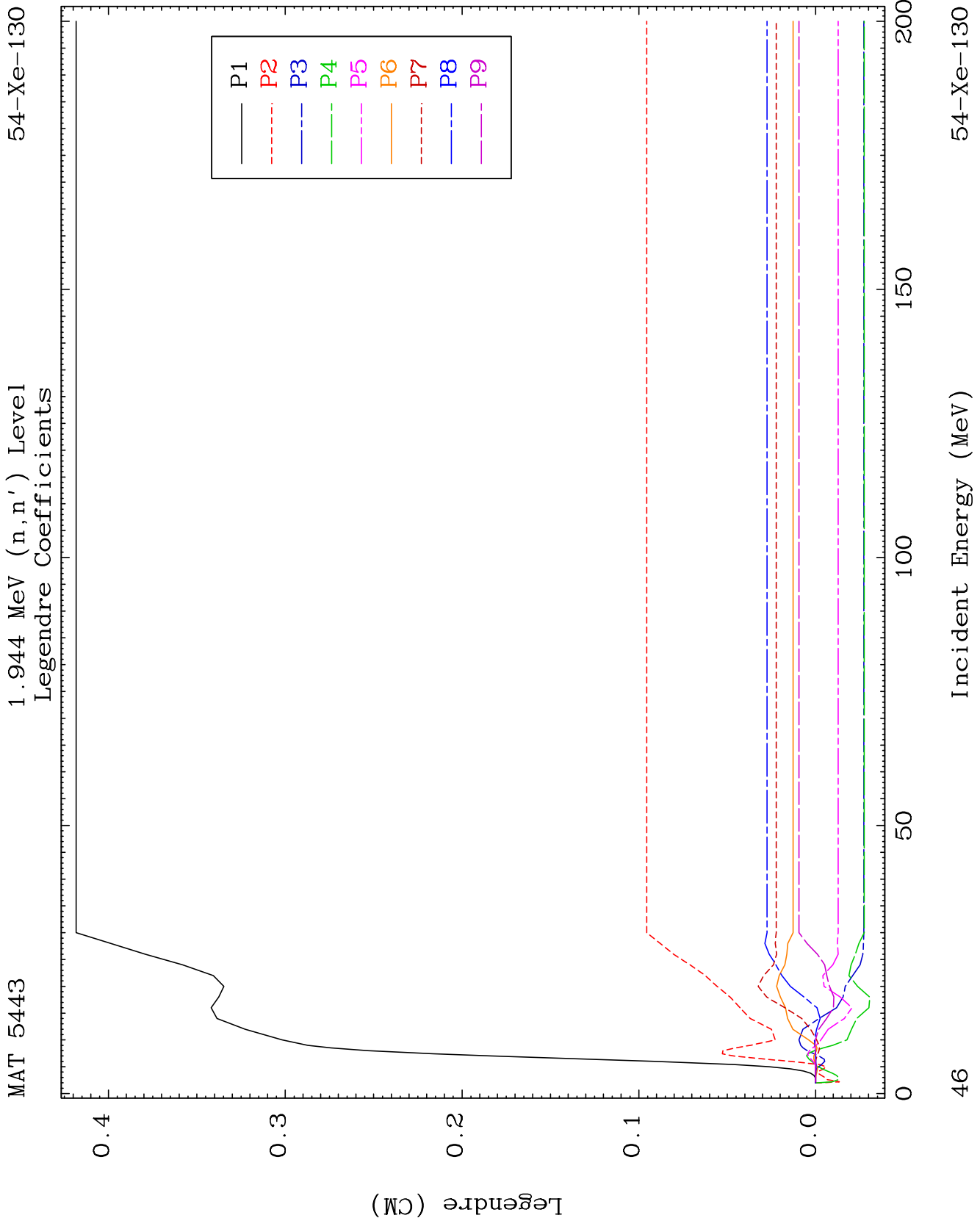


MAT 5443

1.808 MeV (n,n') Level  
Legendre Coefficients

54-Xe-130

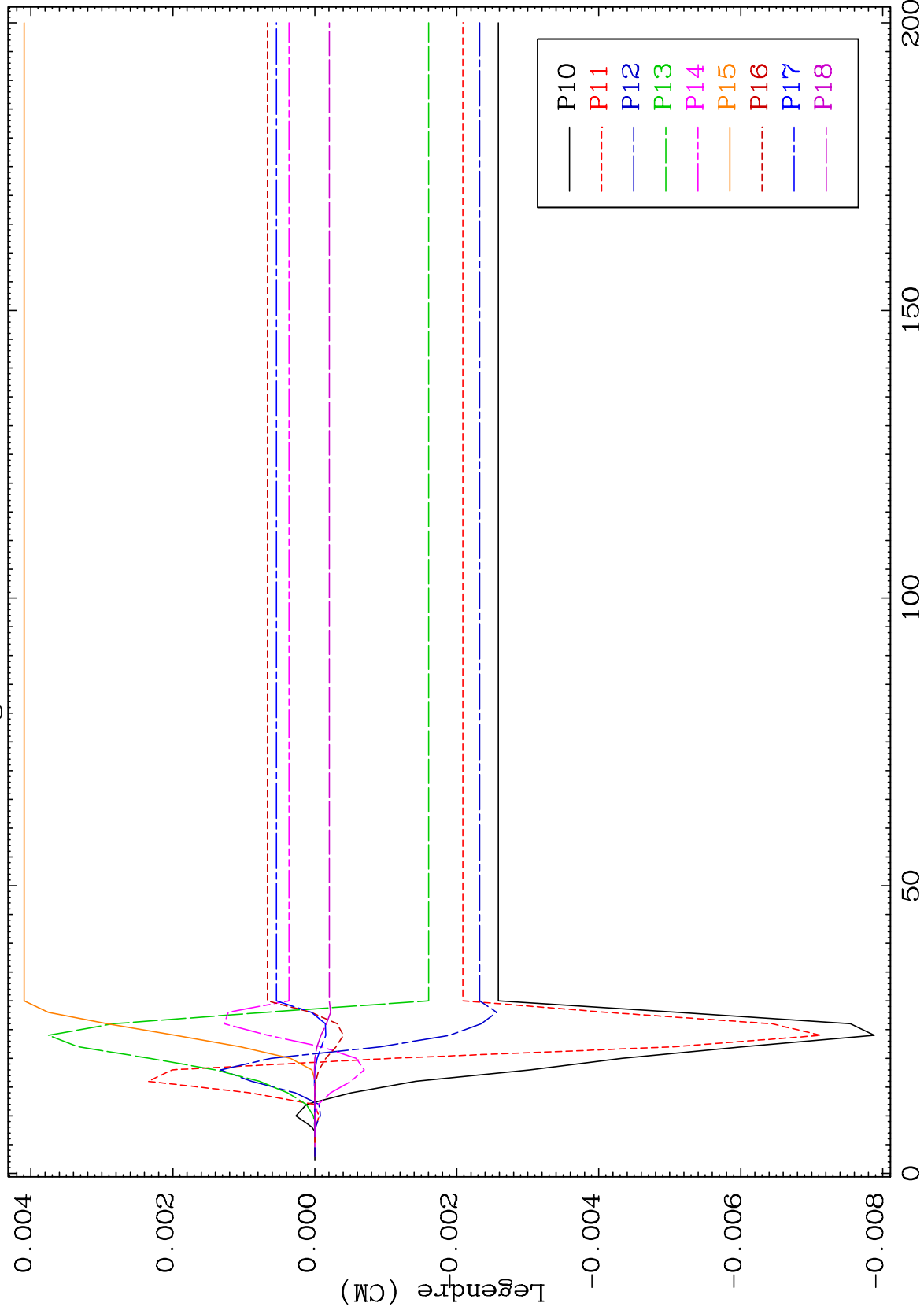




MAT 5443

1.944 MeV (n,n') Level  
Legendre Coefficients

54-Xe-130

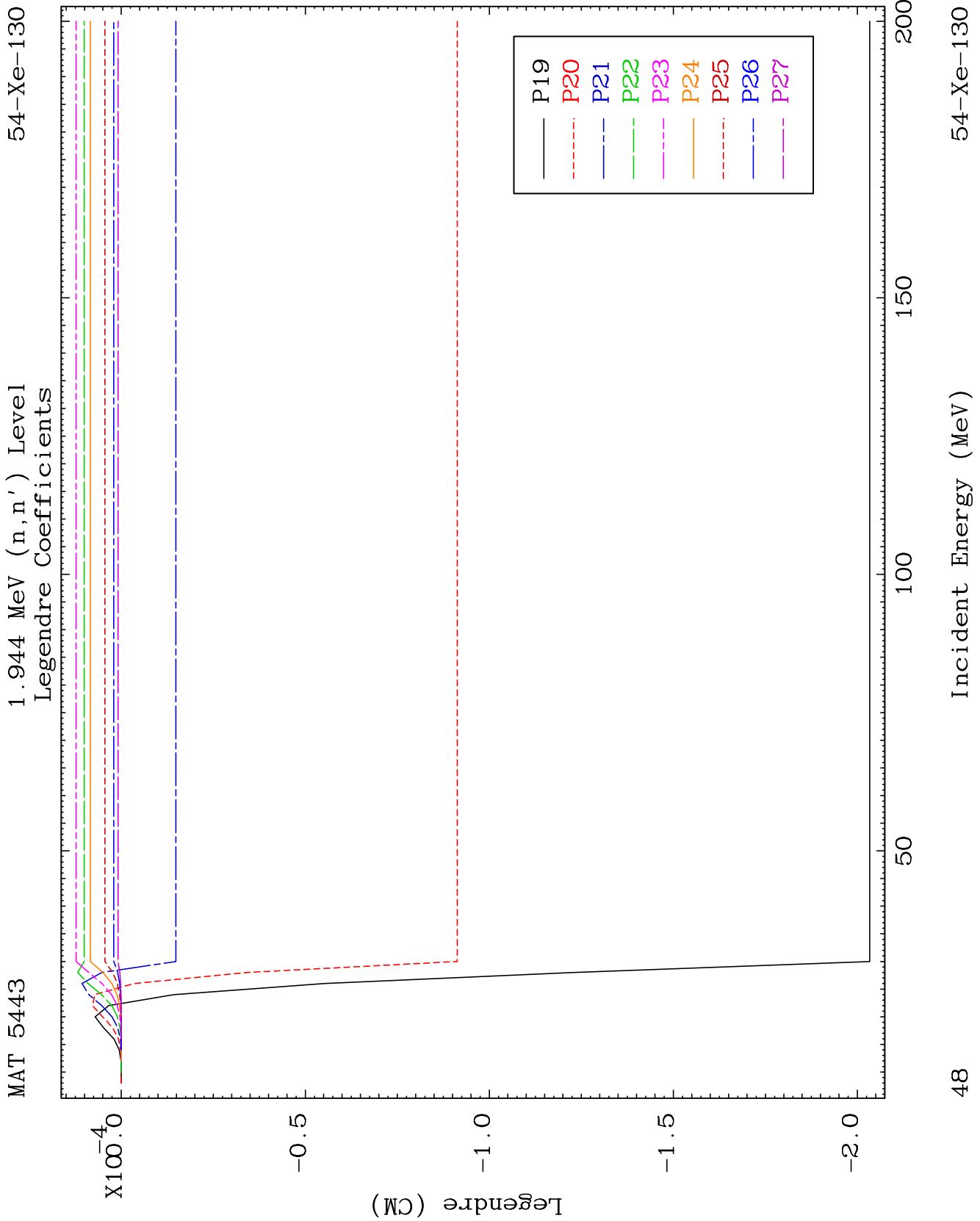


47

Incident Energy (MeV)

54-Xe-130

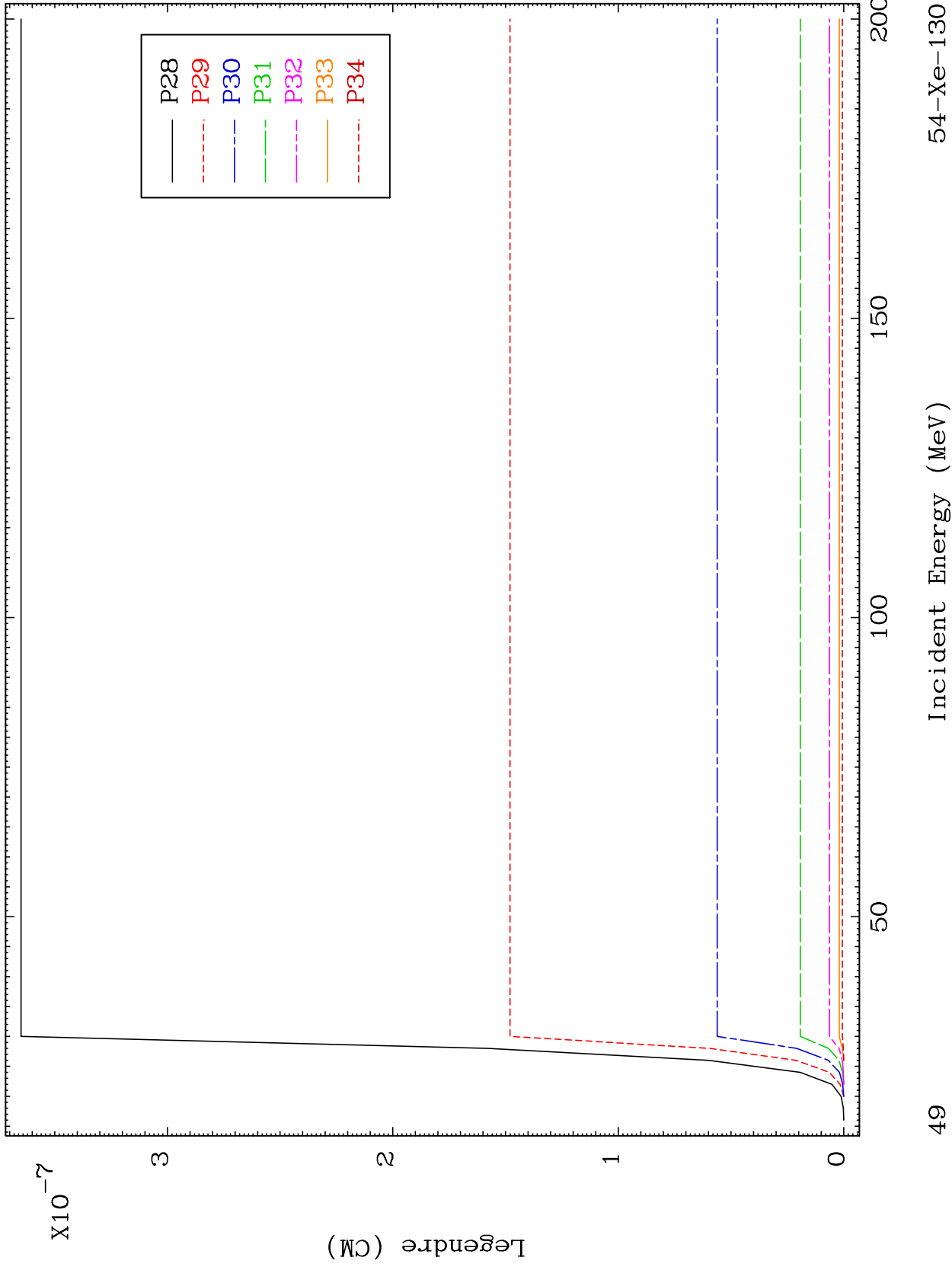




MAT 5443

1.944 MeV (n,n') Level  
Legendre Coefficients

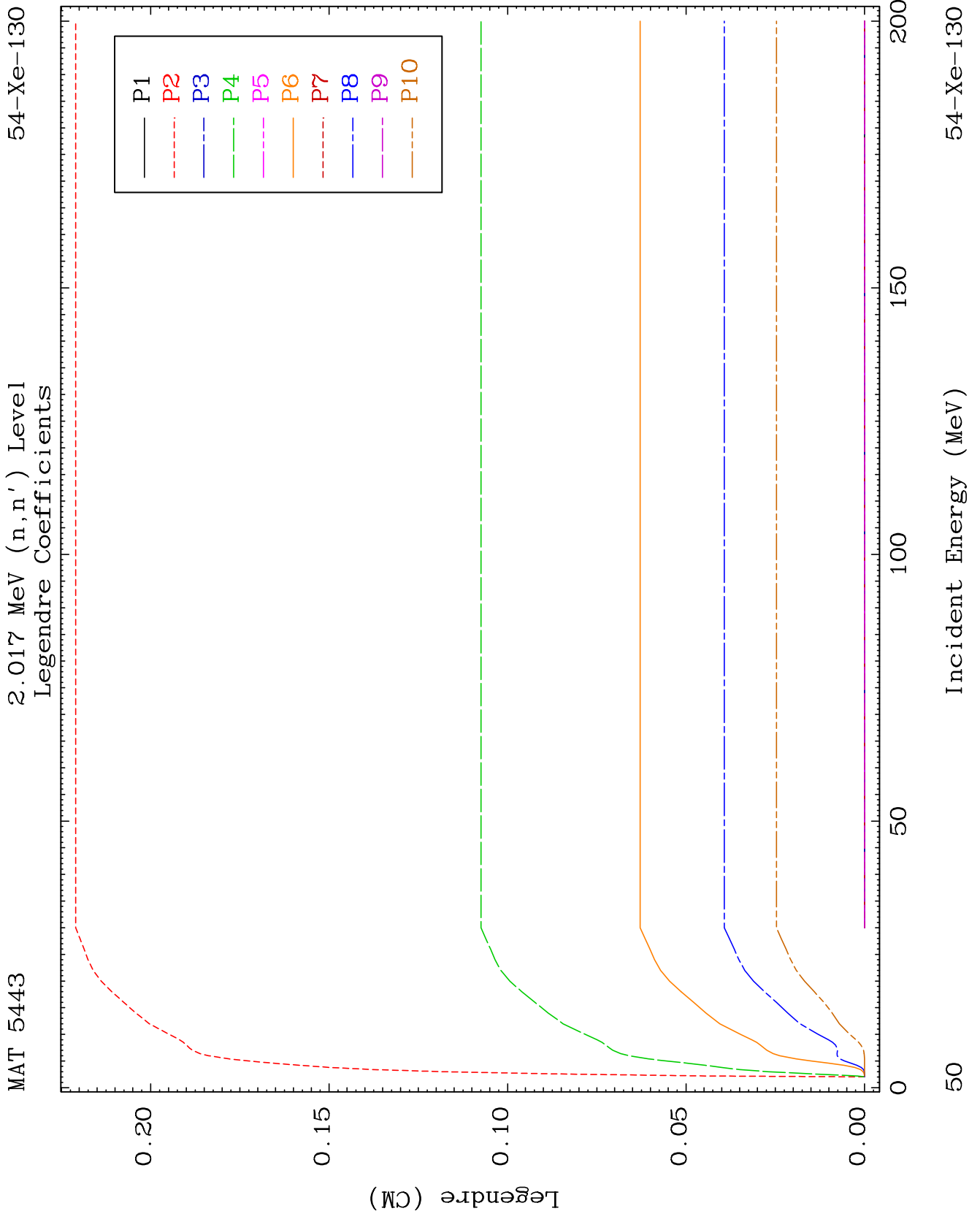
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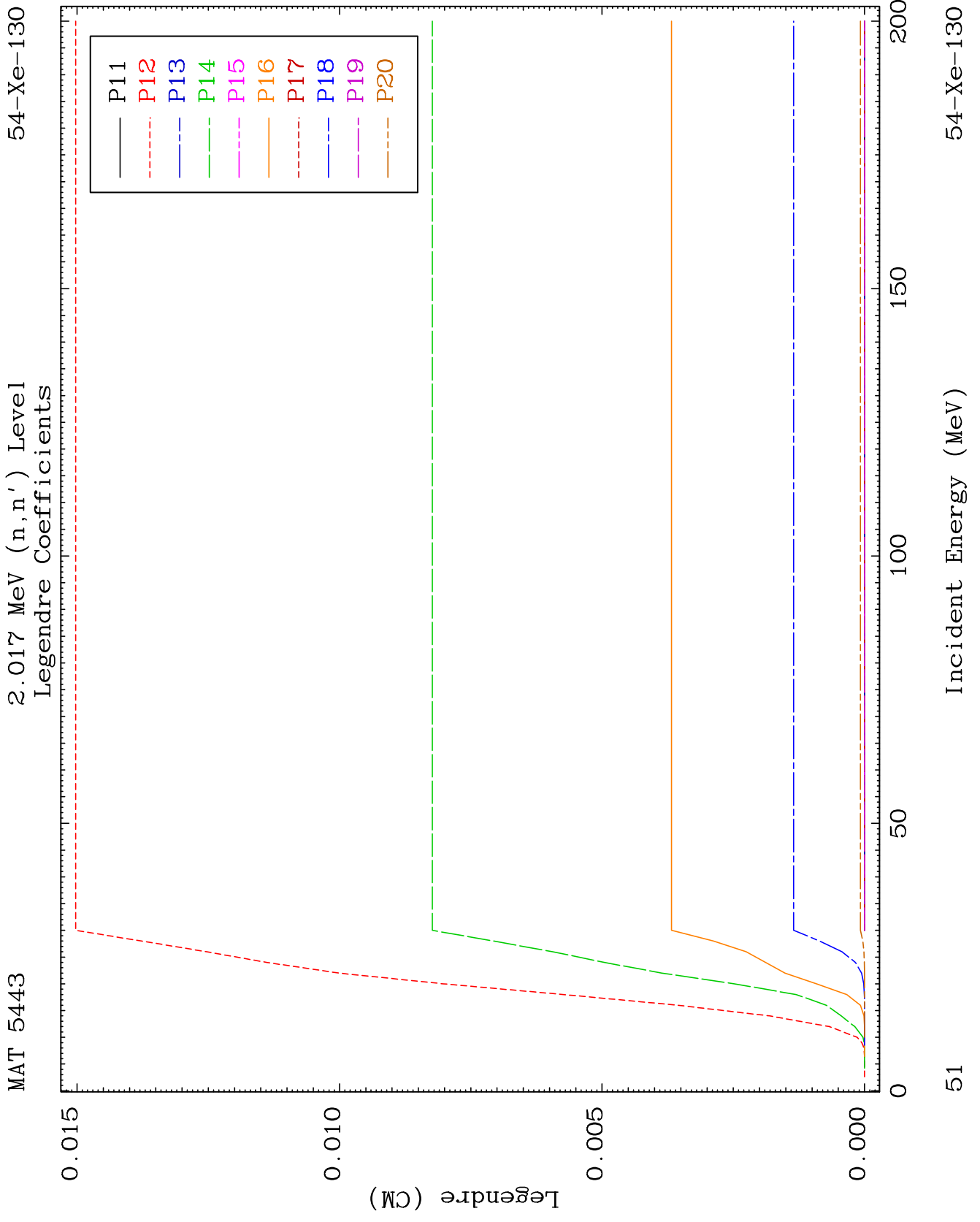


49

Incident Energy (MeV)

54-Xe-130





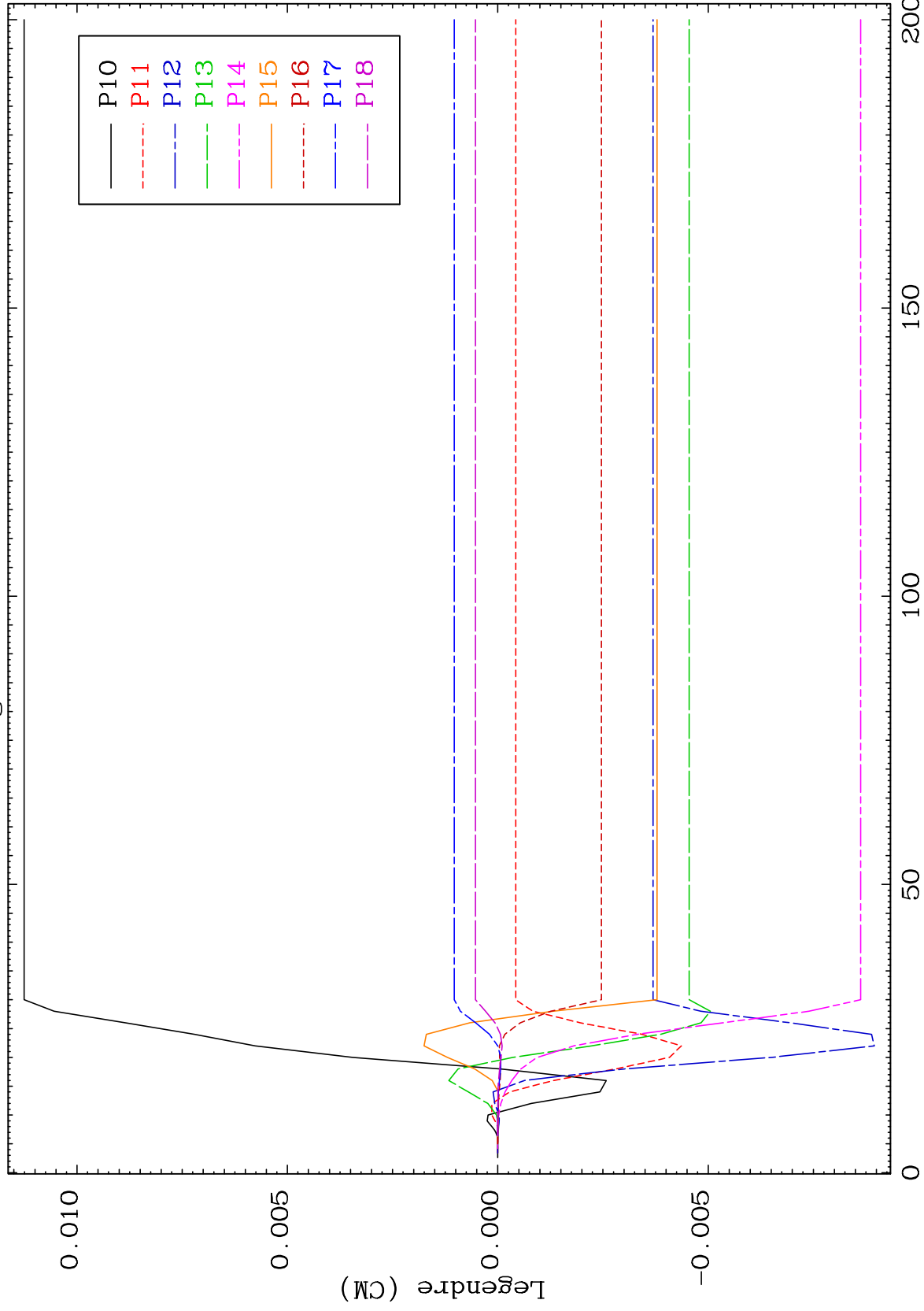




MAT 5443

2.060 MeV (n,n') Level  
Legendre Coefficients

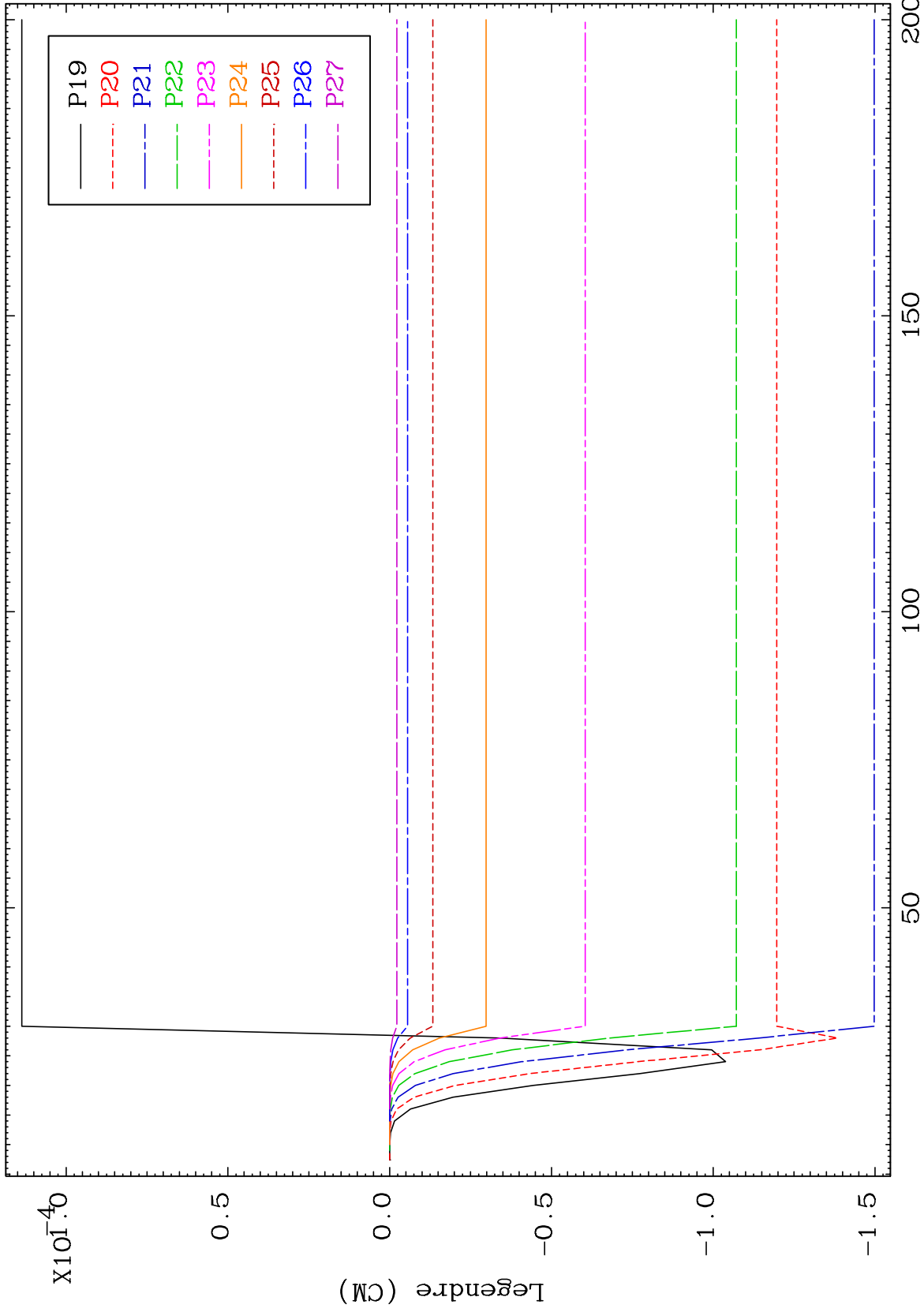
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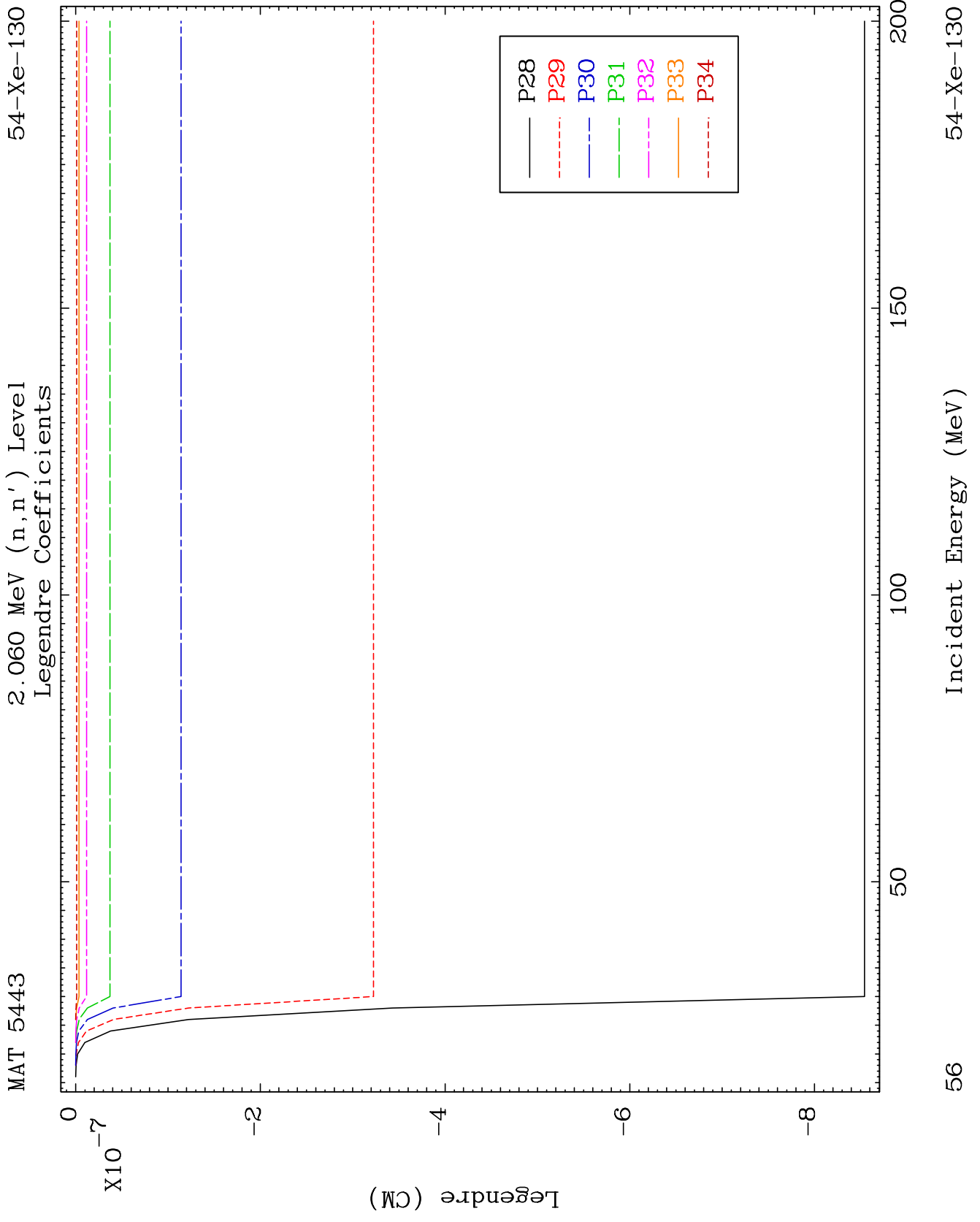
54

Incident Energy (MeV)

54-Xe-130



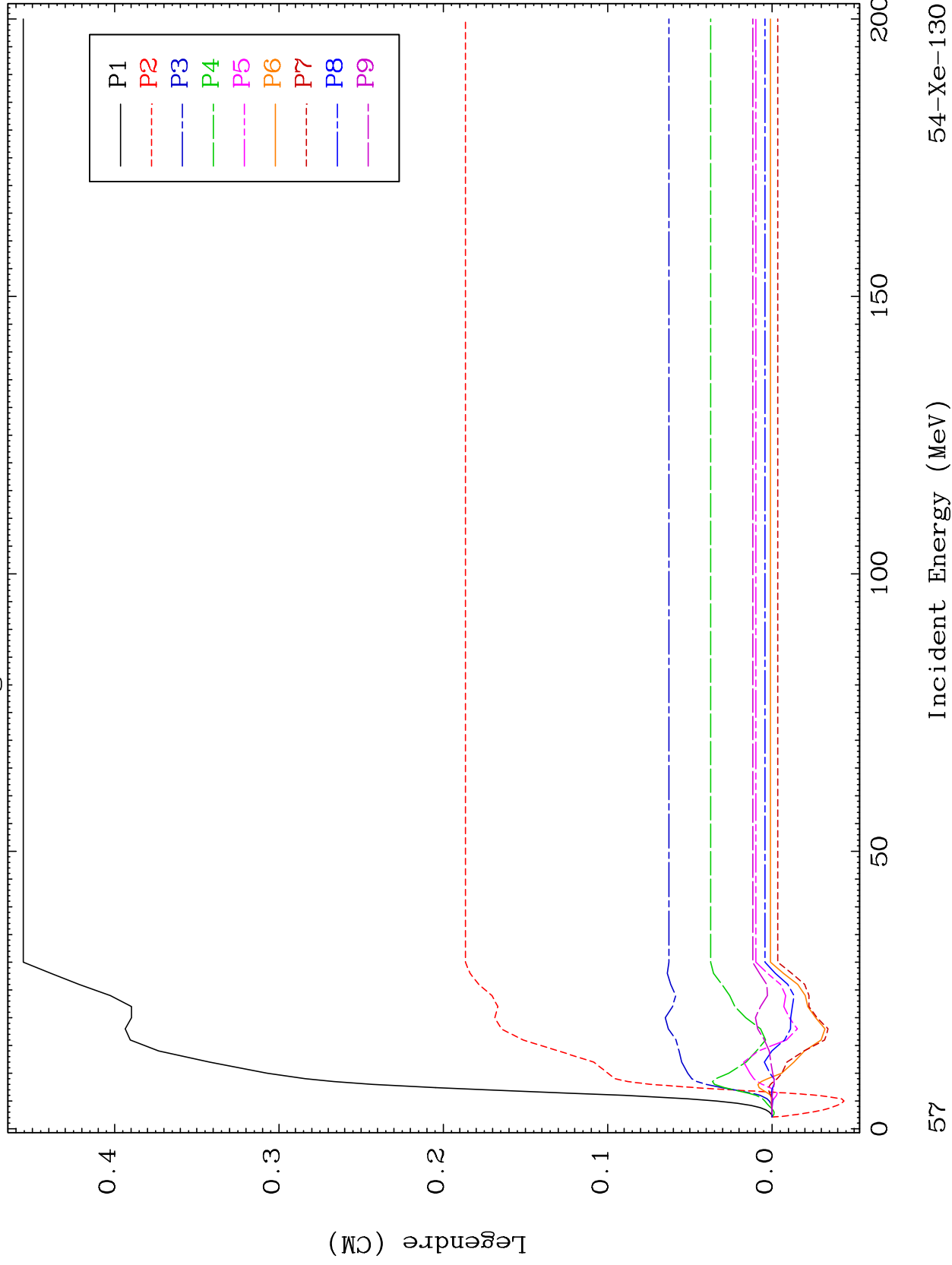




MAT 5443

2.082 MeV (n,n') Level  
Legendre Coefficients

54-Xe-130



54-Xe-130

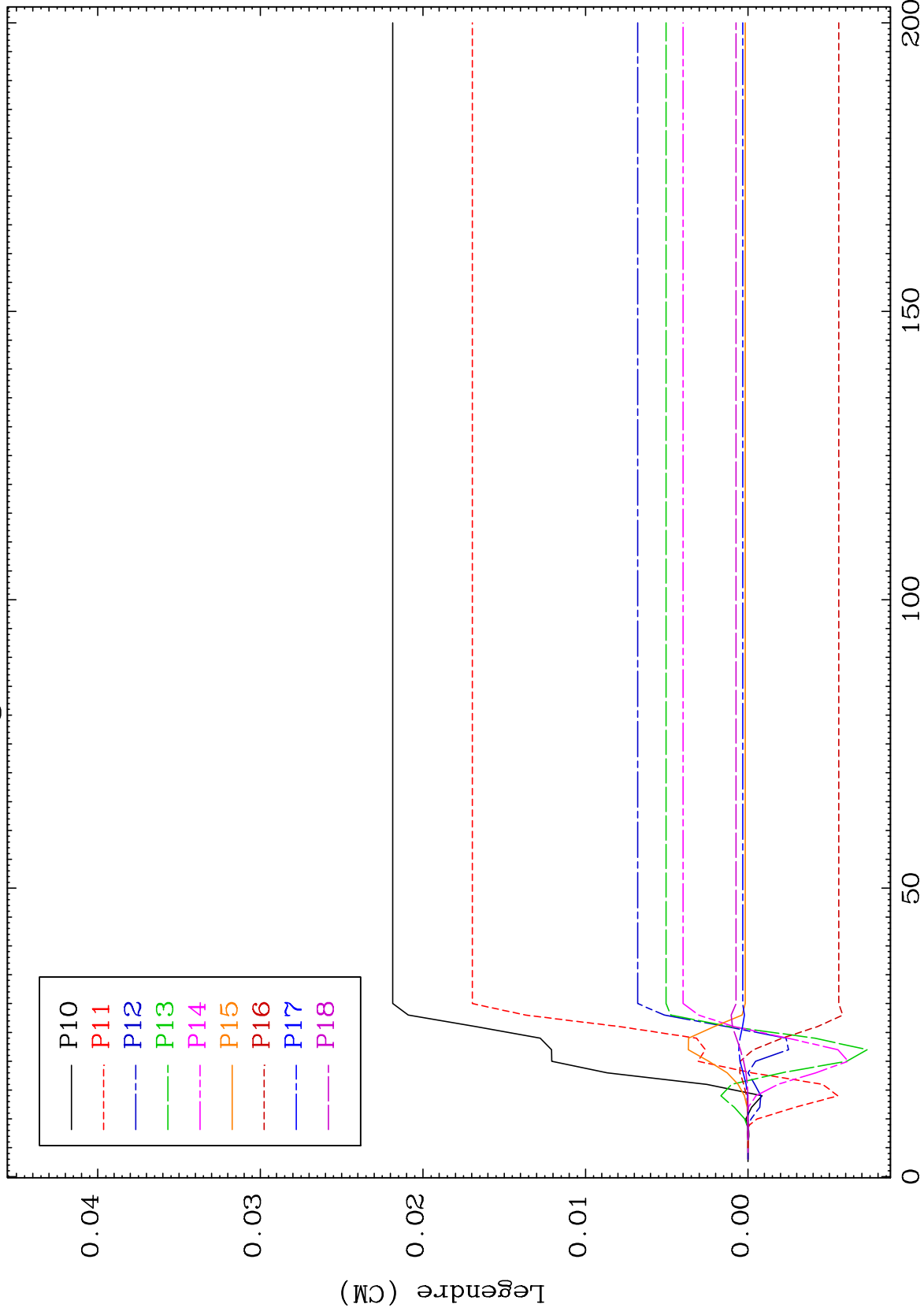
Incident Energy (MeV)

57

MAT 5443

2.082 MeV (n,n') Level  
Legendre Coefficients

54-Xe-130



58

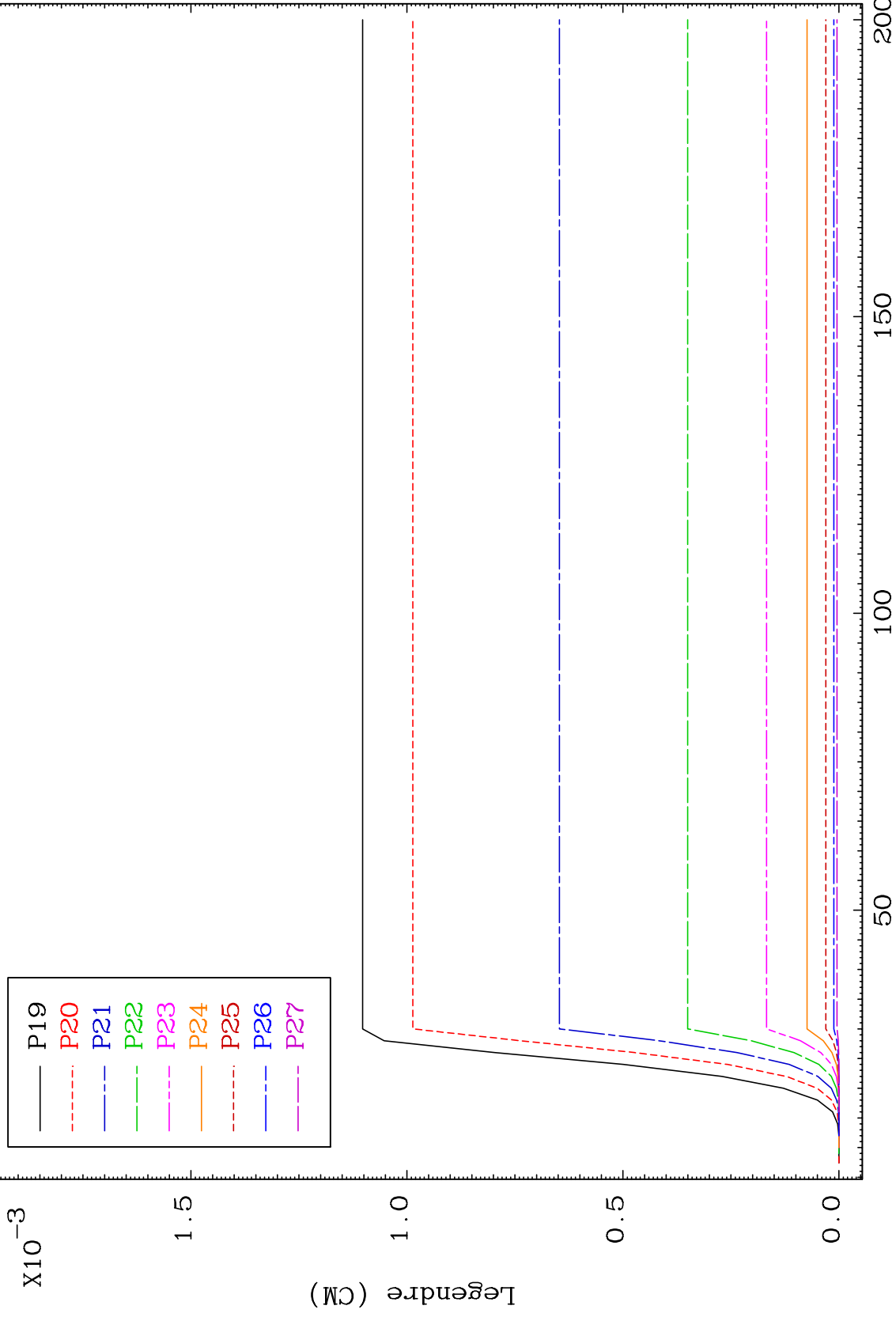
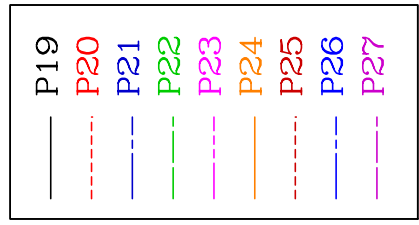
Incident Energy (MeV)

54-Xe-130

MAT 5443

2.082 MeV (n,n') Level  
Legendre Coefficients

54-Xe-130



59

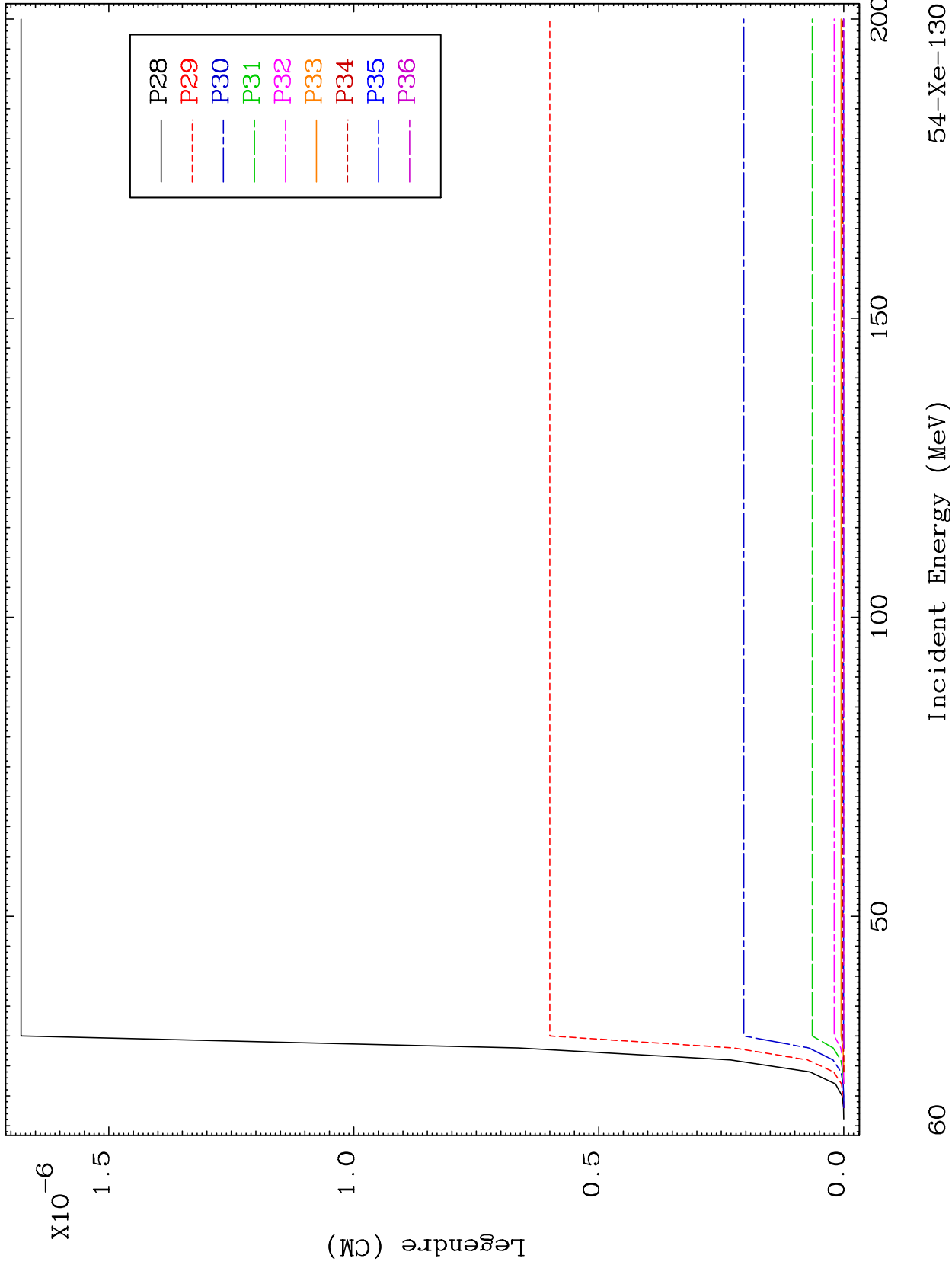
Incident Energy (MeV)

54-Xe-130

MAT 5443

2.082 MeV (n,n') Level  
Legendre Coefficients

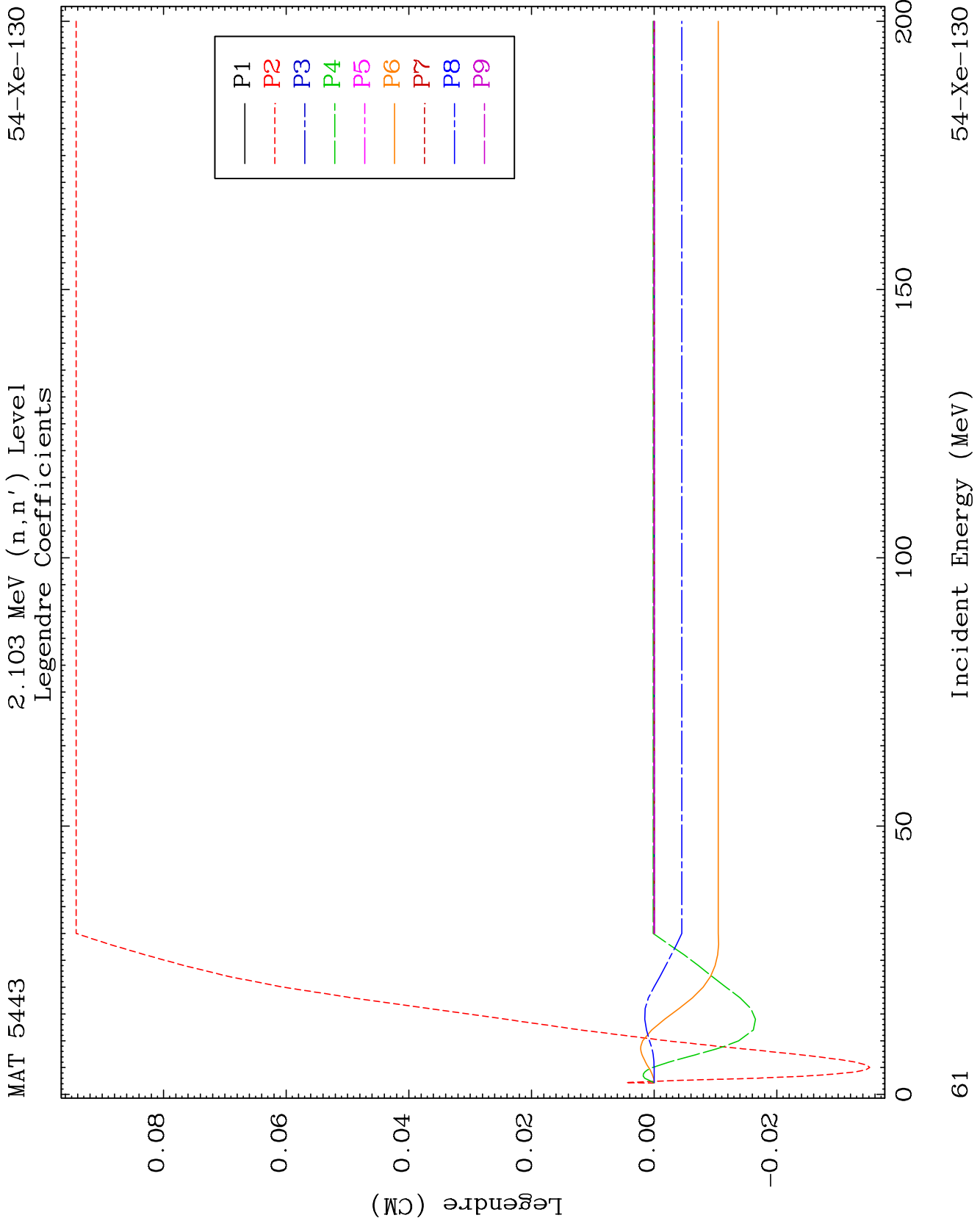
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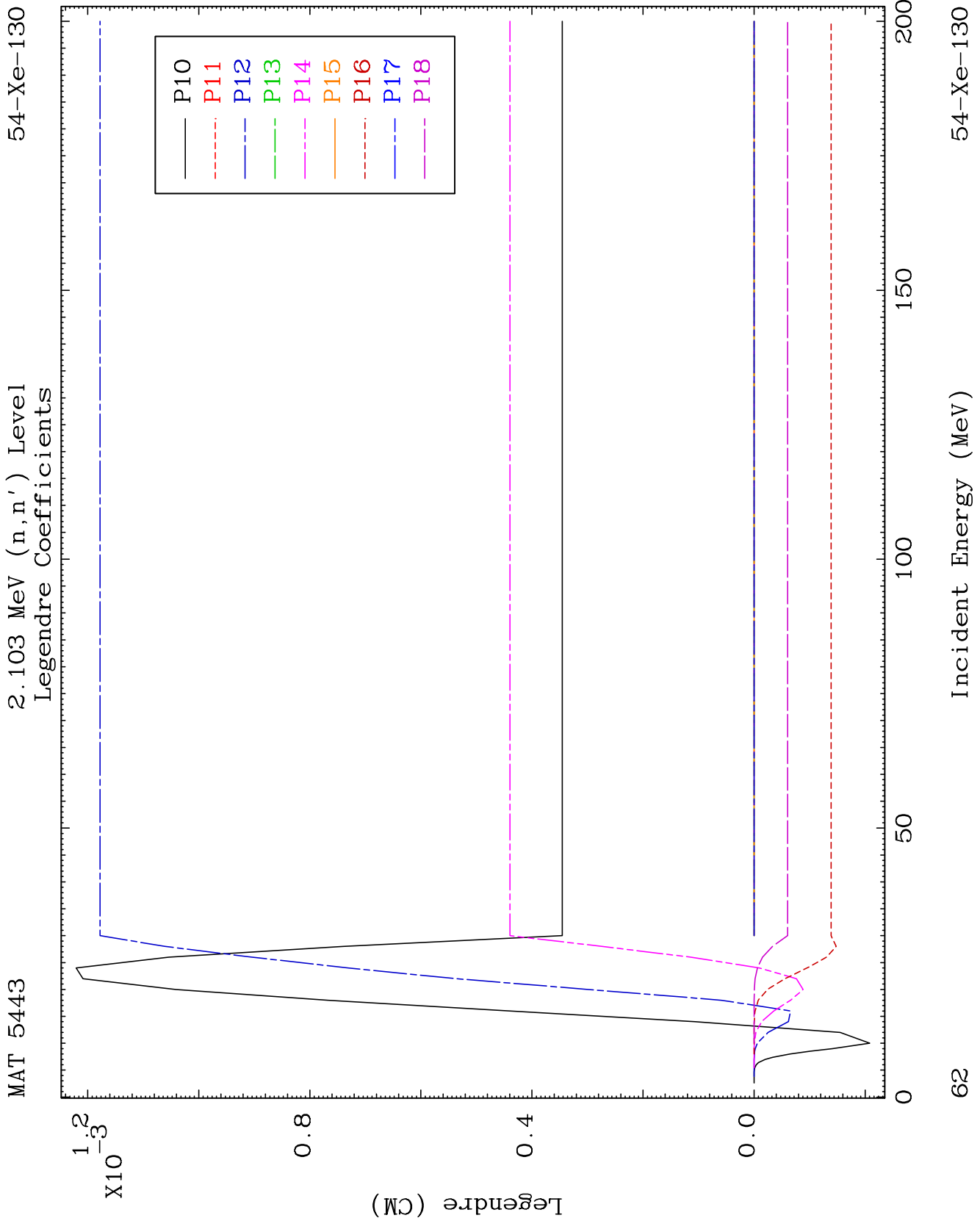


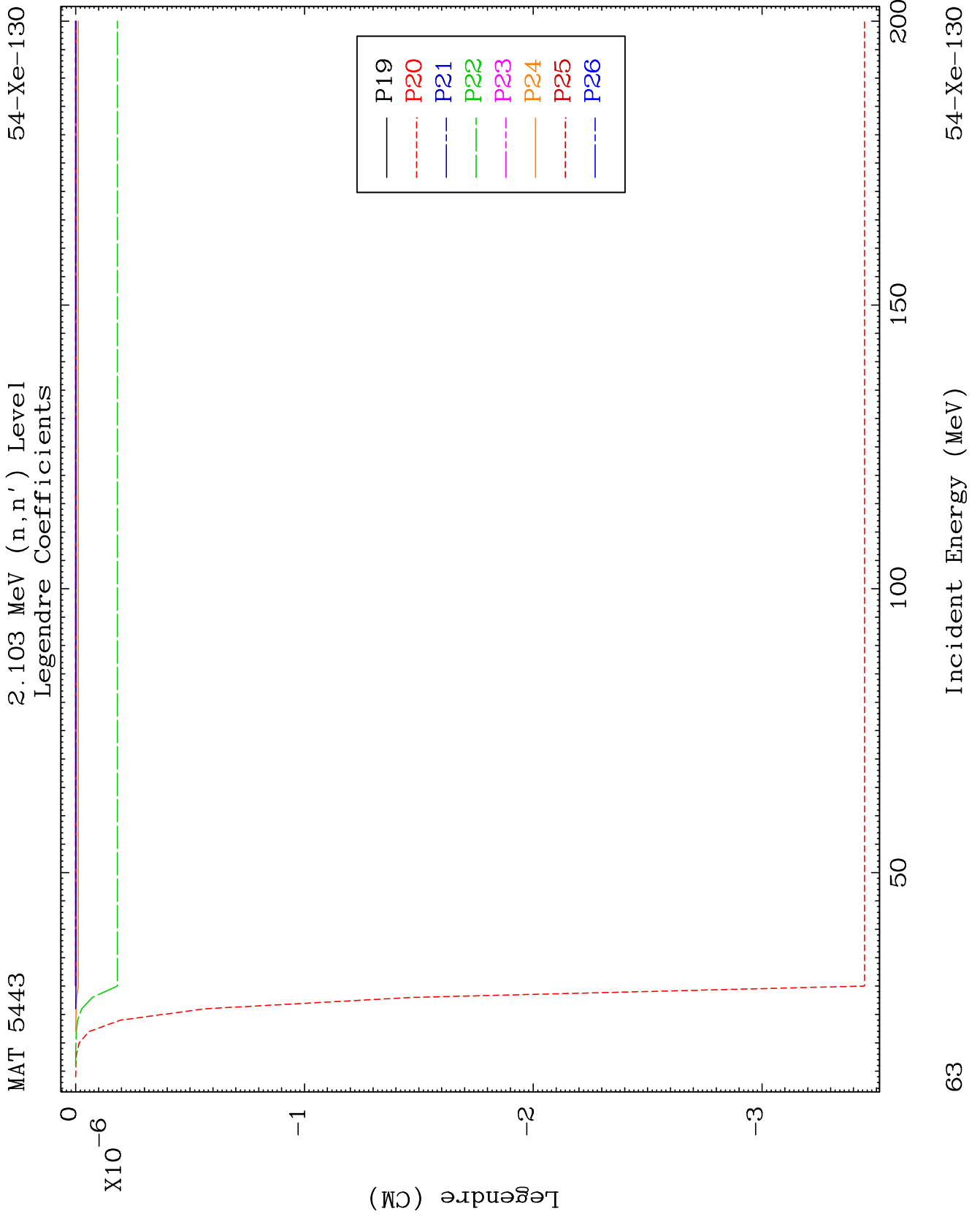
54-Xe-130

Incident Energy (MeV)

60





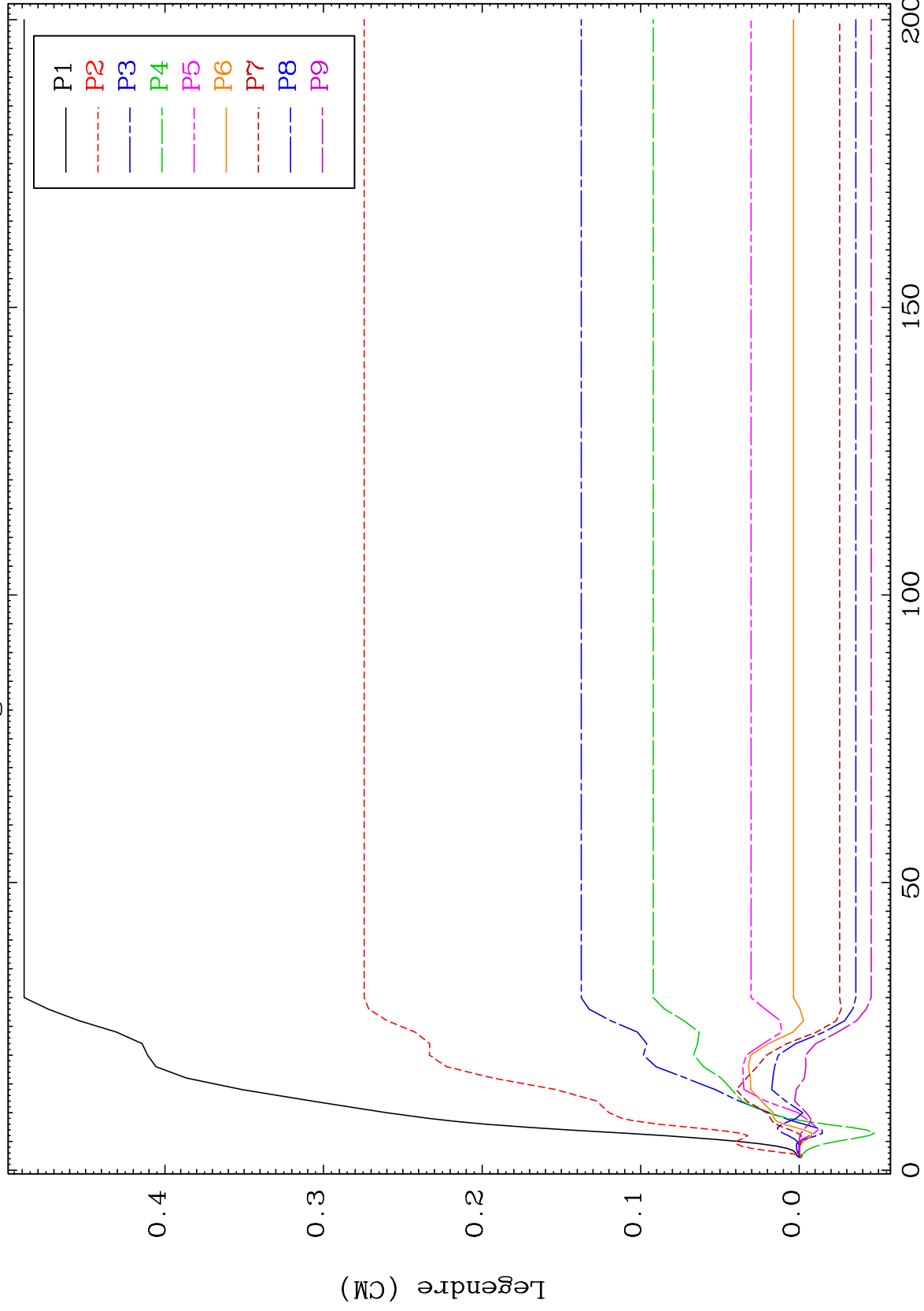




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2.150 MeV (n,n') Level Legendre Coefficients

54-Xe-130



54-Xe-130

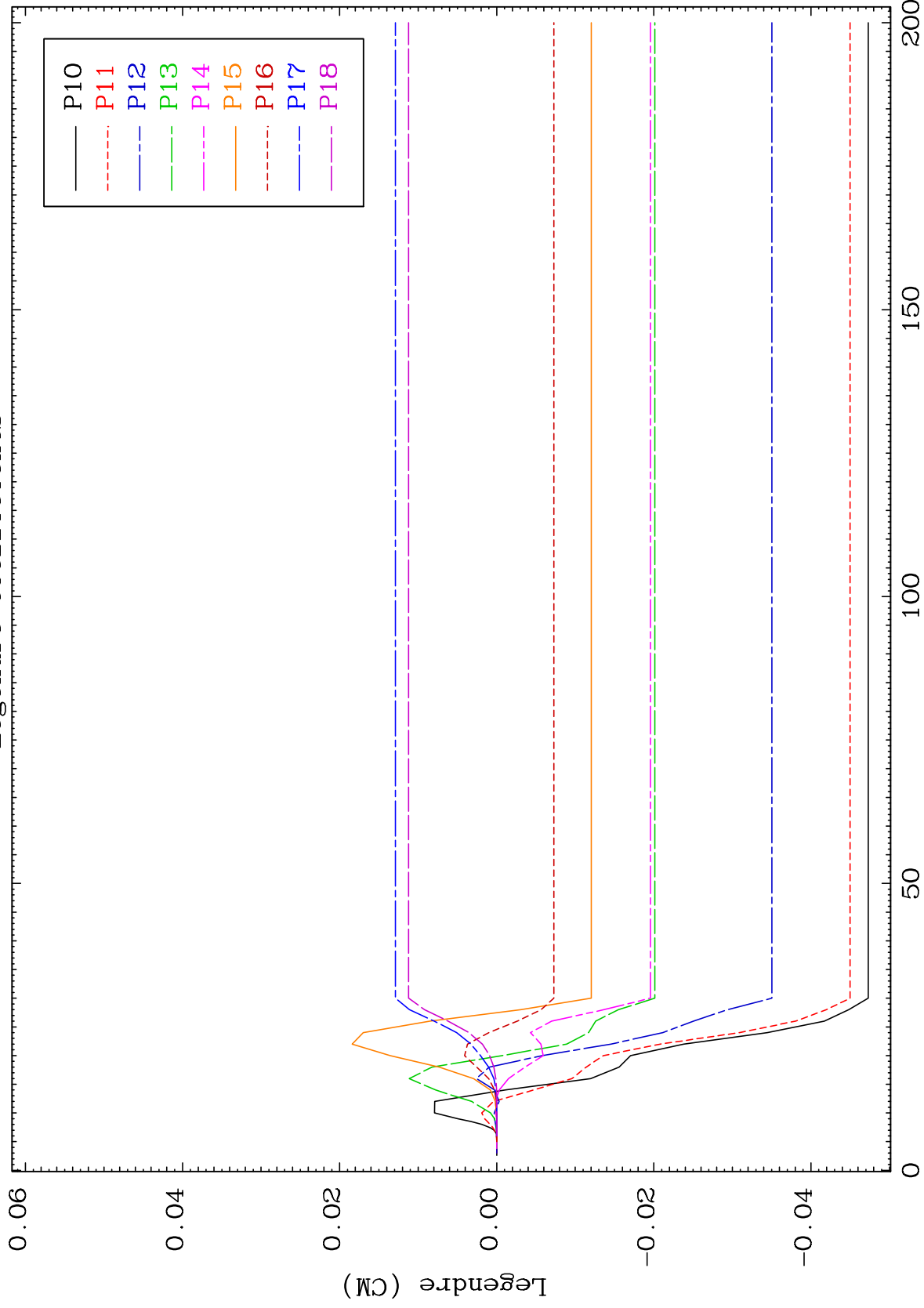
Incident Energy (MeV)

64

MAT 5443

2.150 MeV (n,n') Level  
Legendre Coefficients

54-Xe-130



65

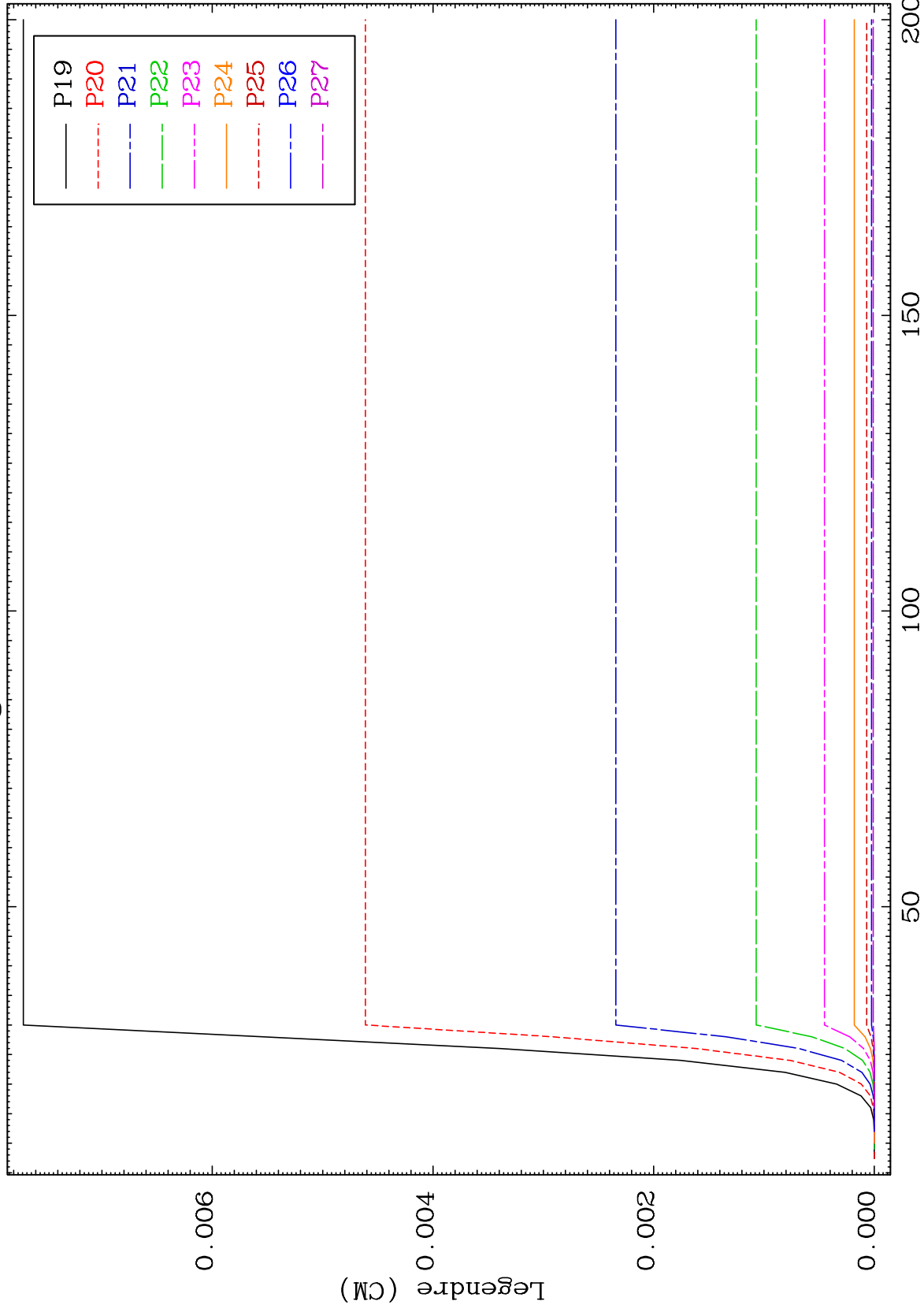
Incident Energy (MeV)

54-Xe-130

MAT 5443

2.150 MeV (n,n') Level  
Legendre Coefficients

54-Xe-130



66

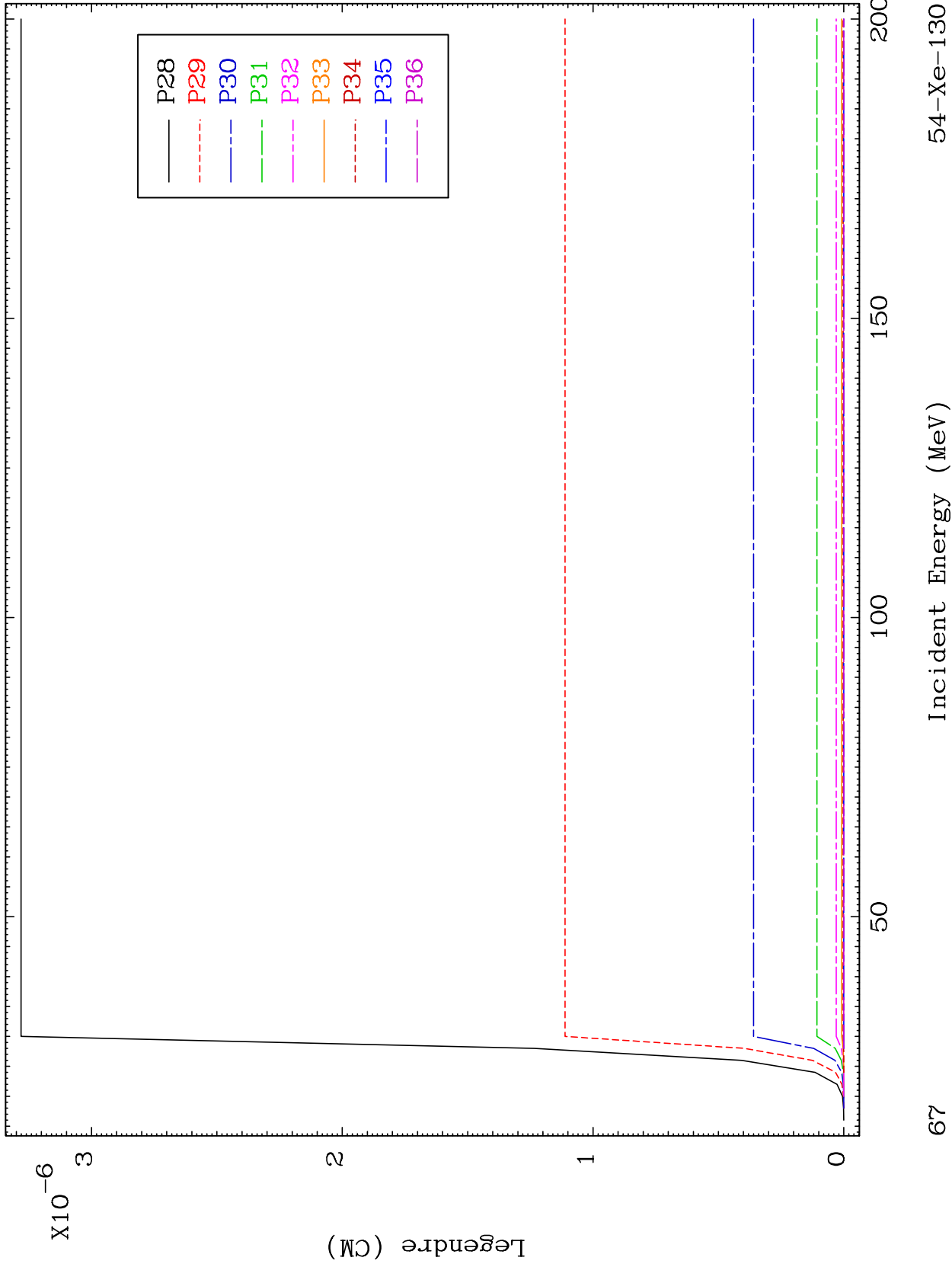
Incident Energy (MeV)

54-Xe-130

MAT 5443

2.150 MeV (n,n') Level  
Legendre Coefficients

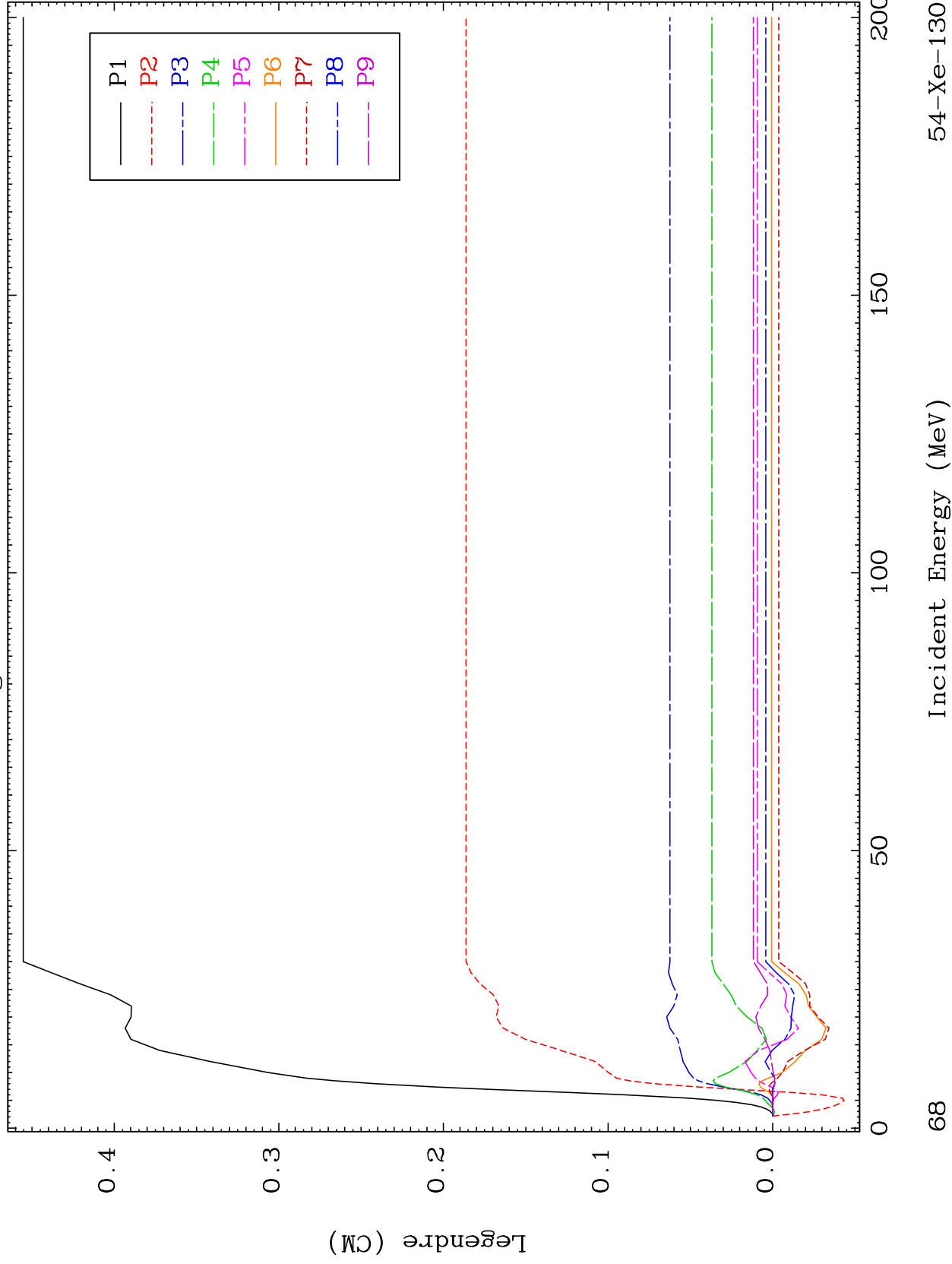
54-Xe-130



MAT 5443

2.172 MeV (n, n') Level  
Legendre Coefficients

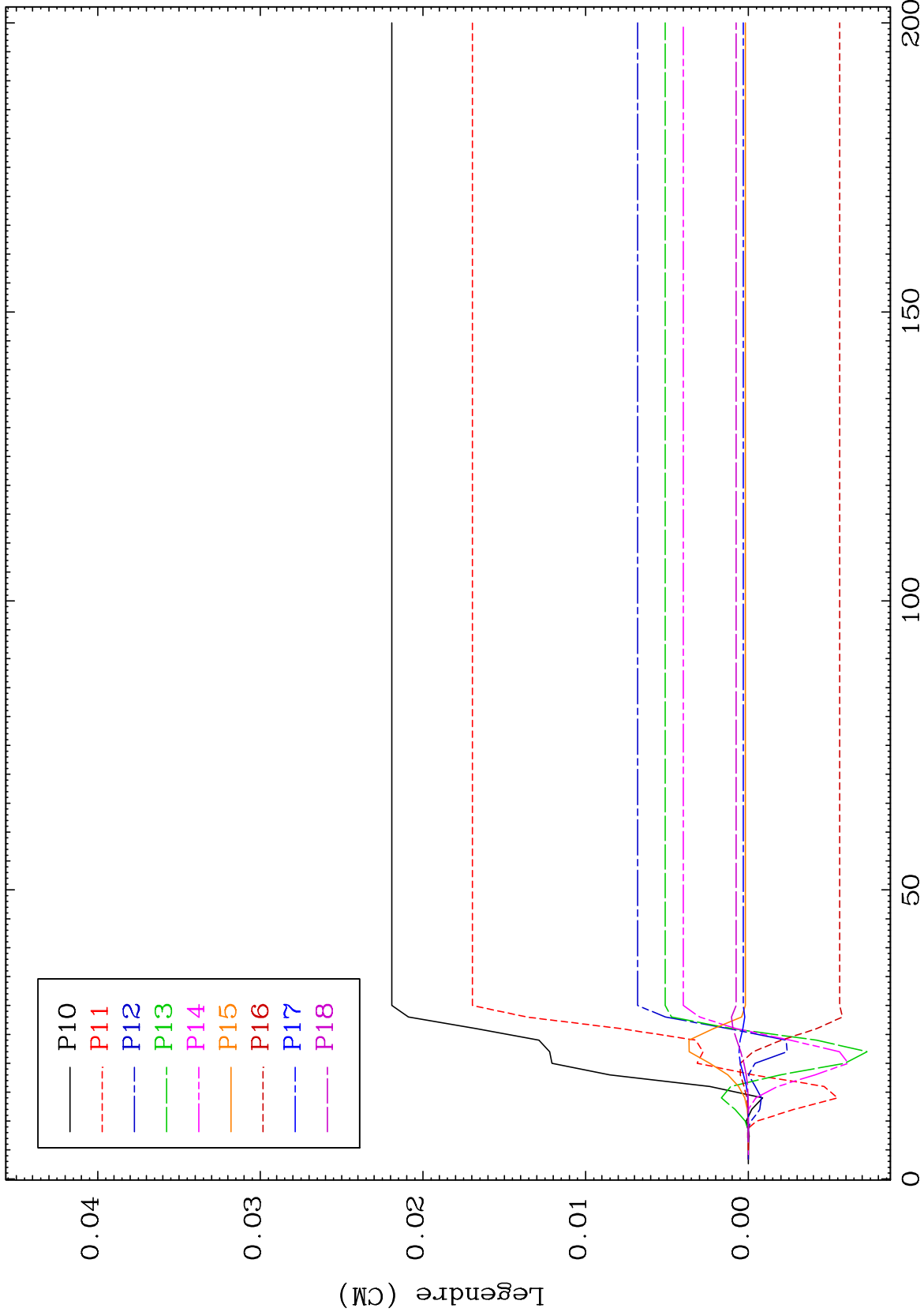
54-Xe-130



54-Xe-130

Incident Energy (MeV)

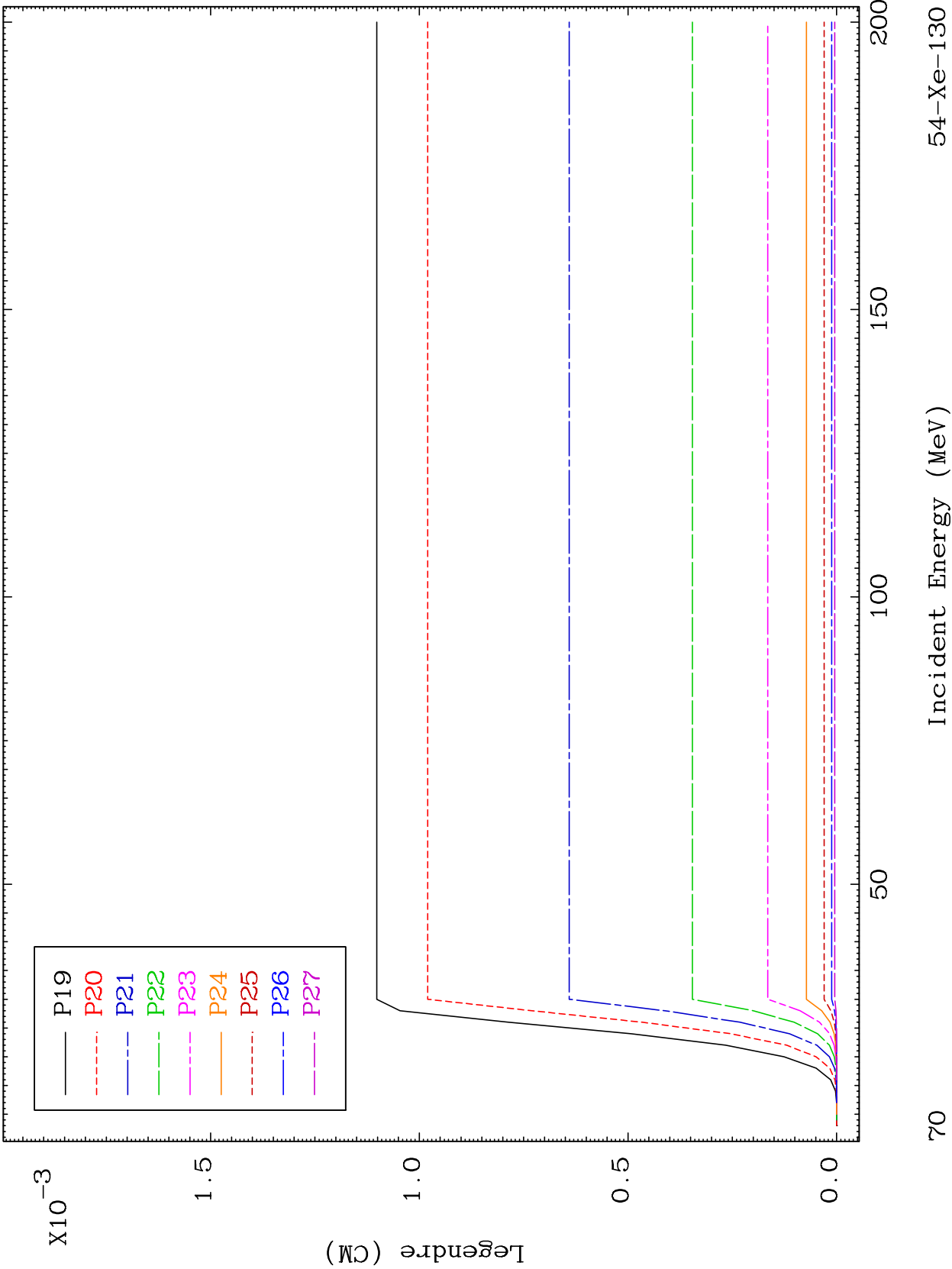
68



MAT 5443

2.172 MeV (n, n') Level  
Legendre Coefficients

54-Xe-130



70

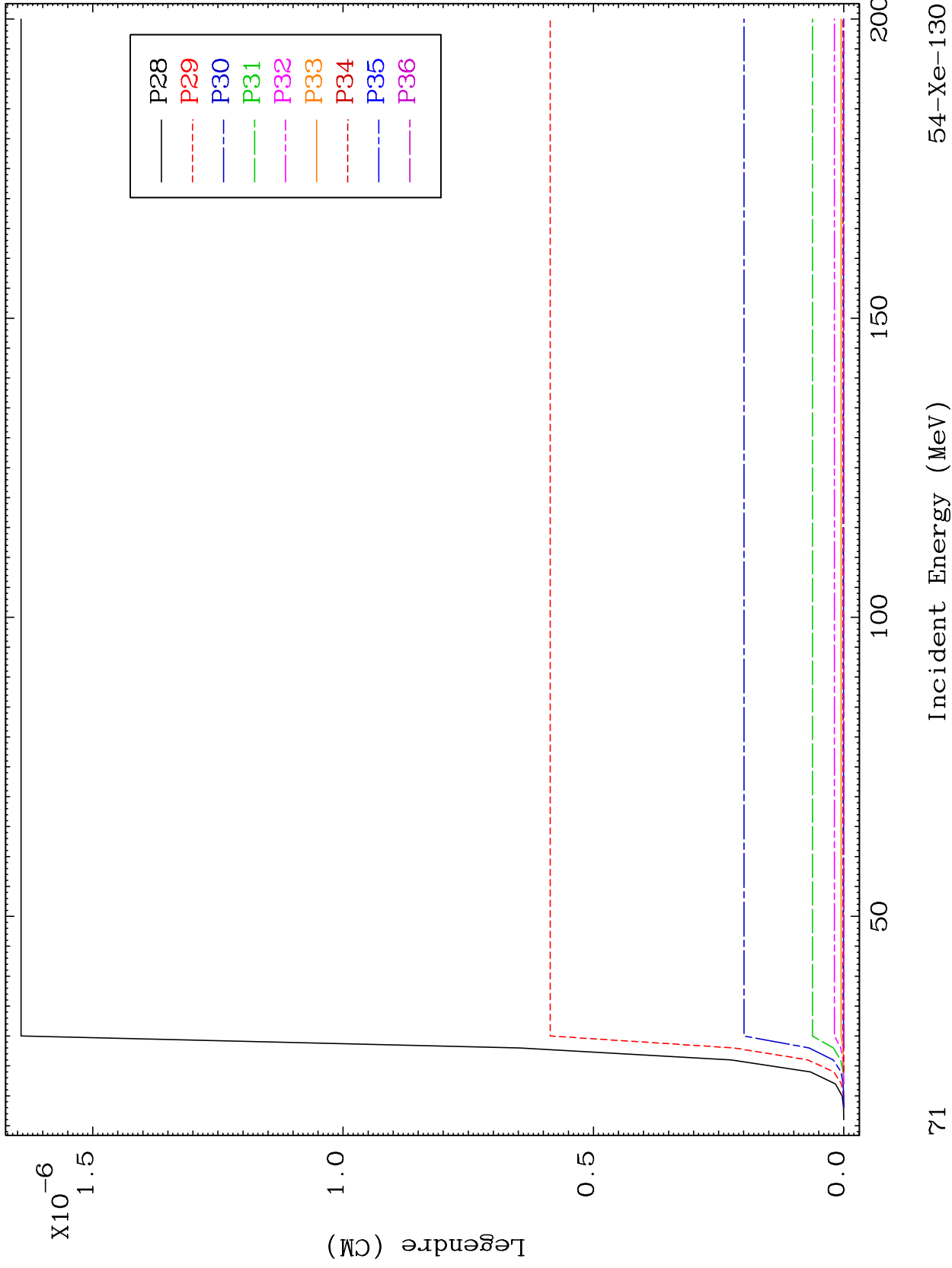
Incident Energy (MeV)

54-Xe-130

MAT 5443

2.172 MeV (n, n') Level  
Legendre Coefficients

54-Xe-130

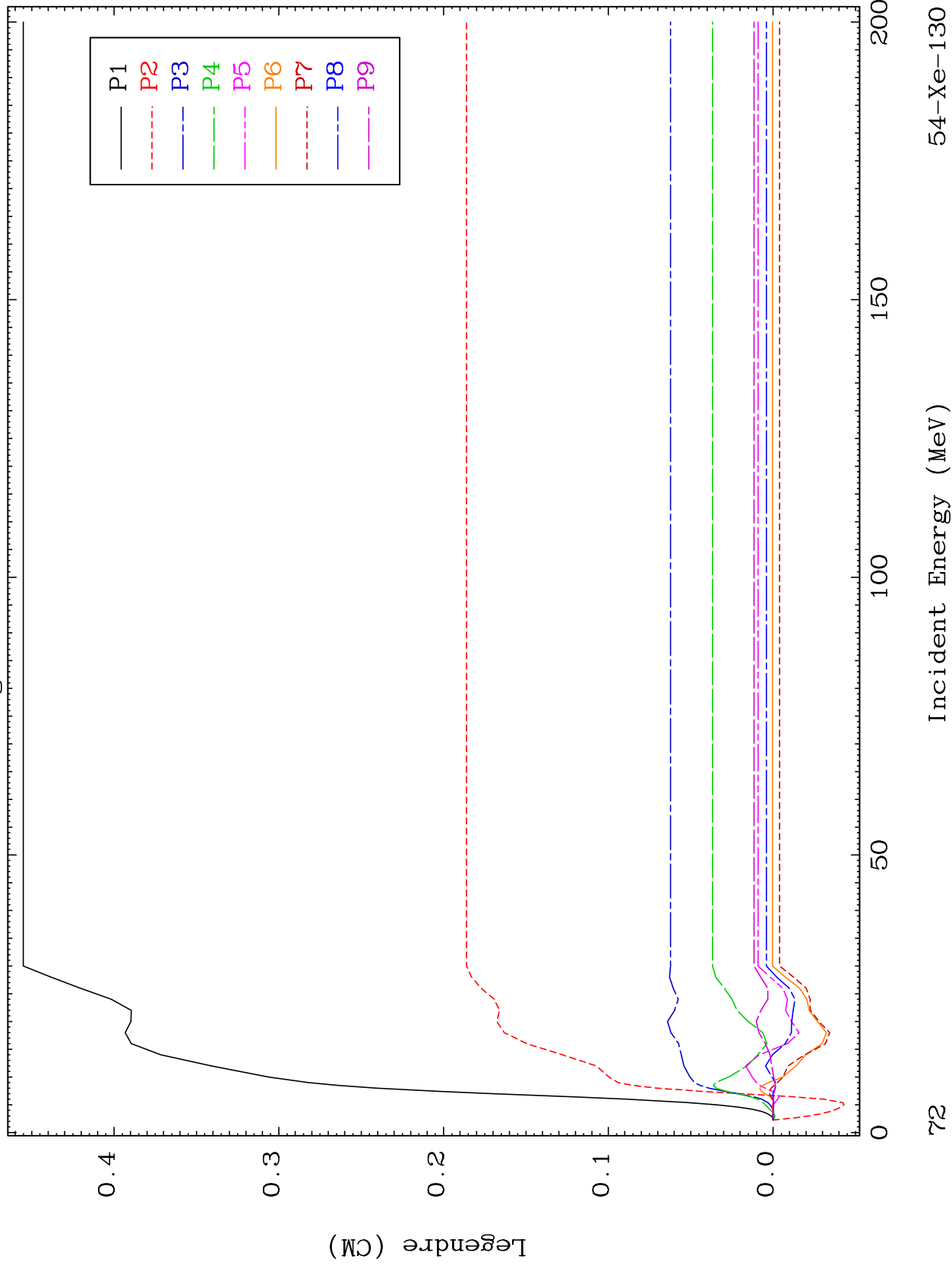




MAT 5443

2.223 MeV (n, n') Level  
Legendre Coefficients

54-Xe-130



54-Xe-130

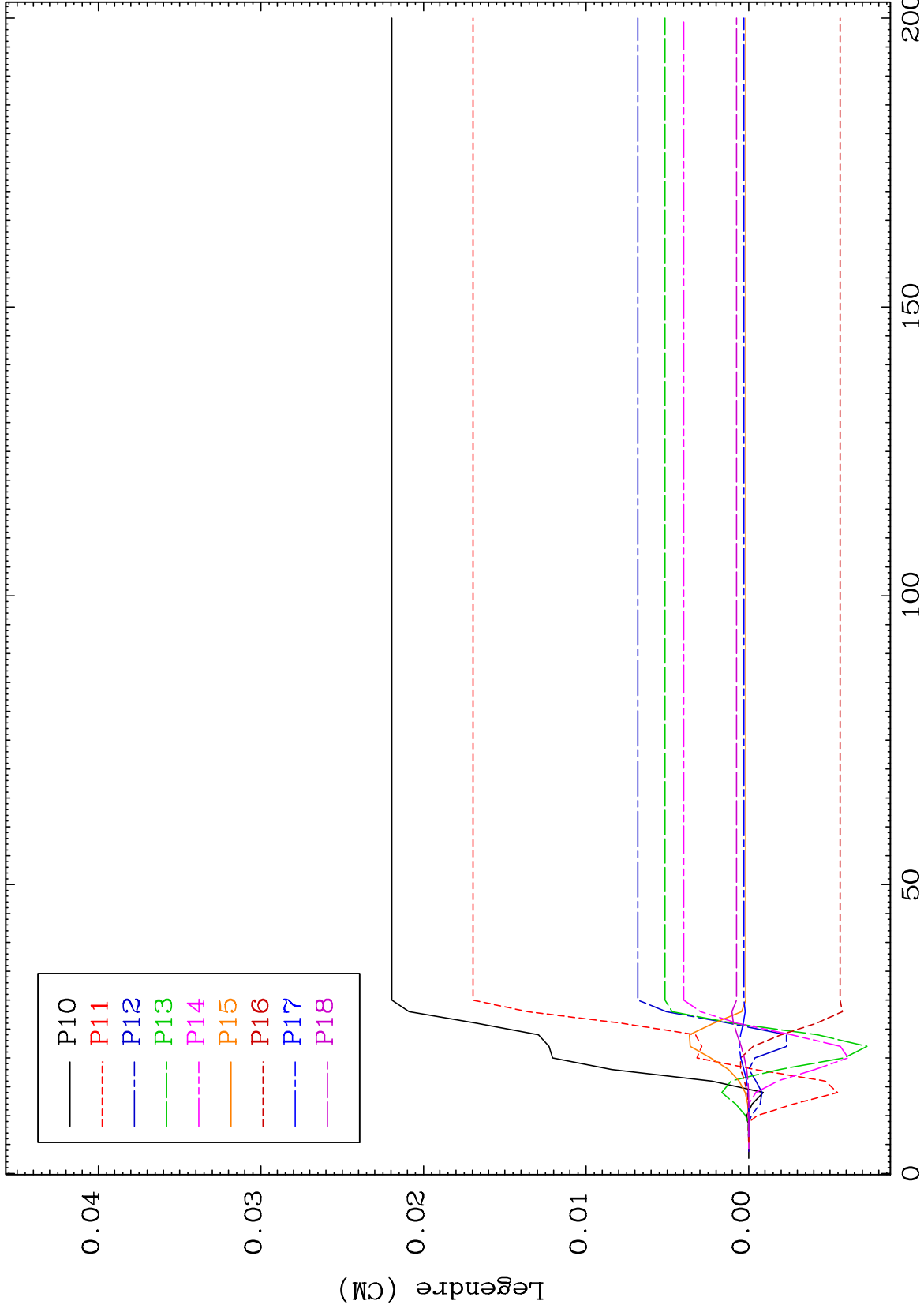
Incident Energy (MeV)

72

MAT 5443

2.223 MeV (n, n') Level  
Legendre Coefficients

54-Xe-130



73

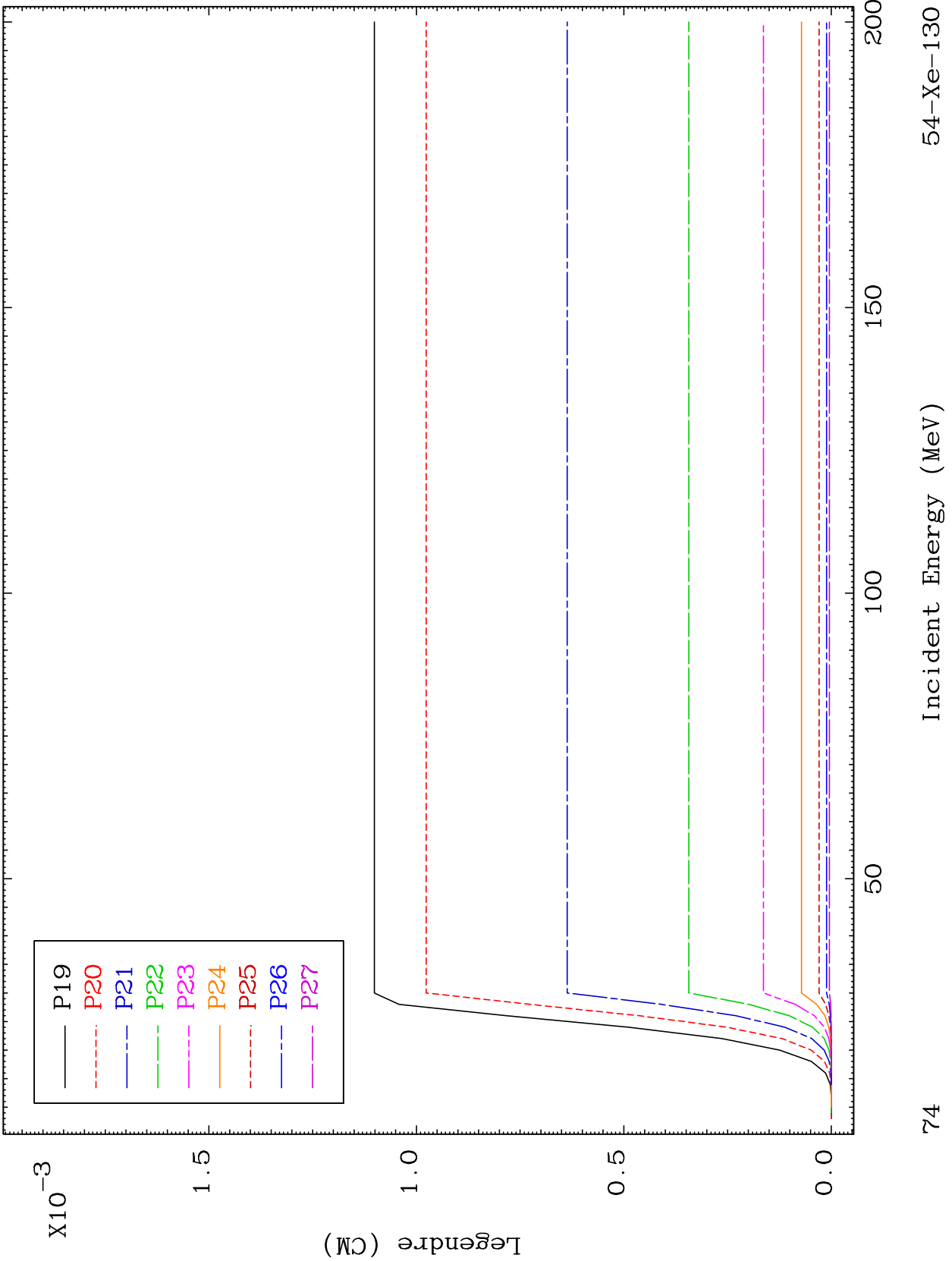
Incident Energy (MeV)

54-Xe-130

MAT 5443

2.223 MeV (n,n') Level  
Legendre Coefficients

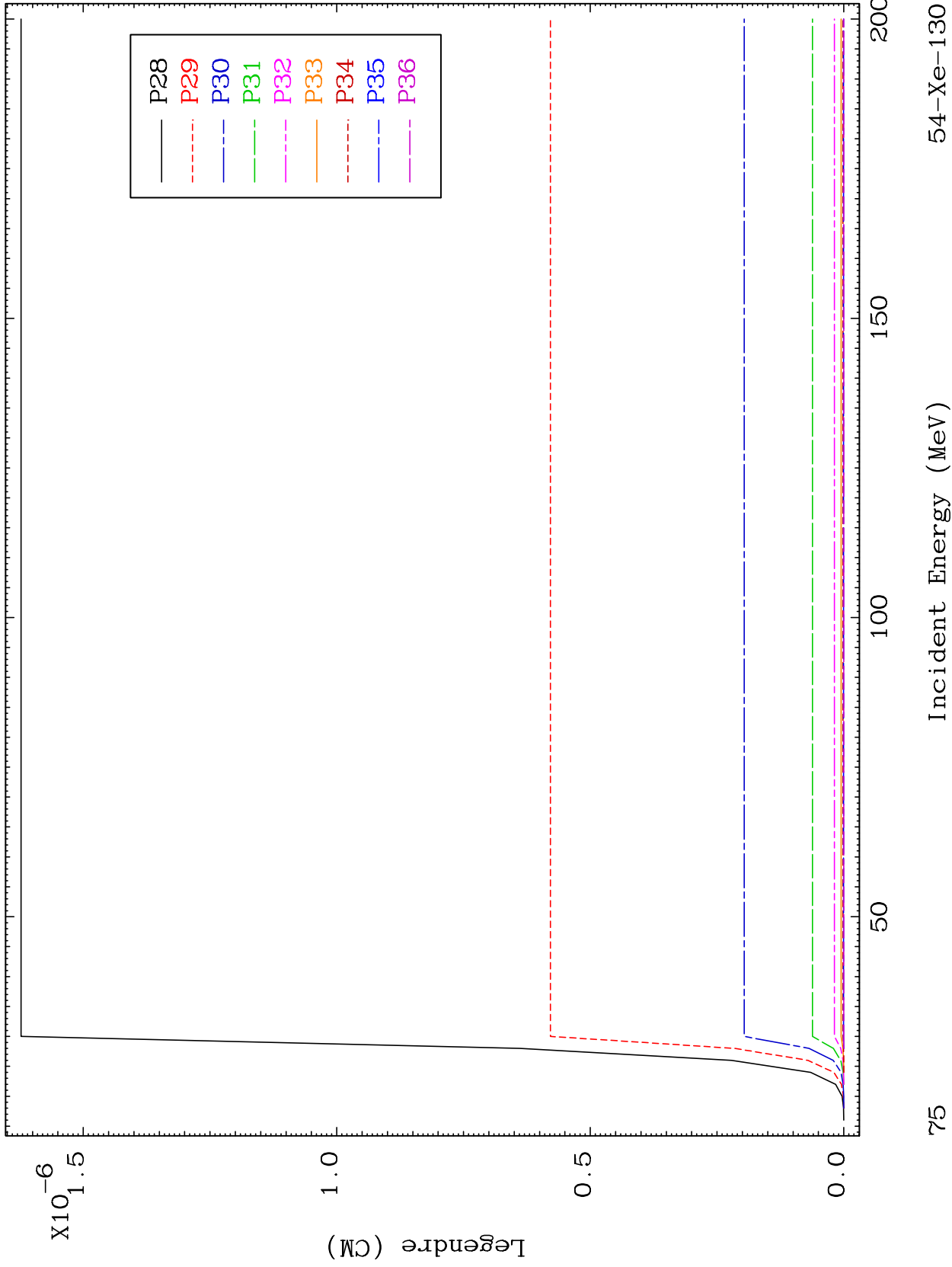
54-Xe-130



MAT 5443

2.223 MeV (n, n') Level  
Legendre Coefficients

54-Xe-130



75

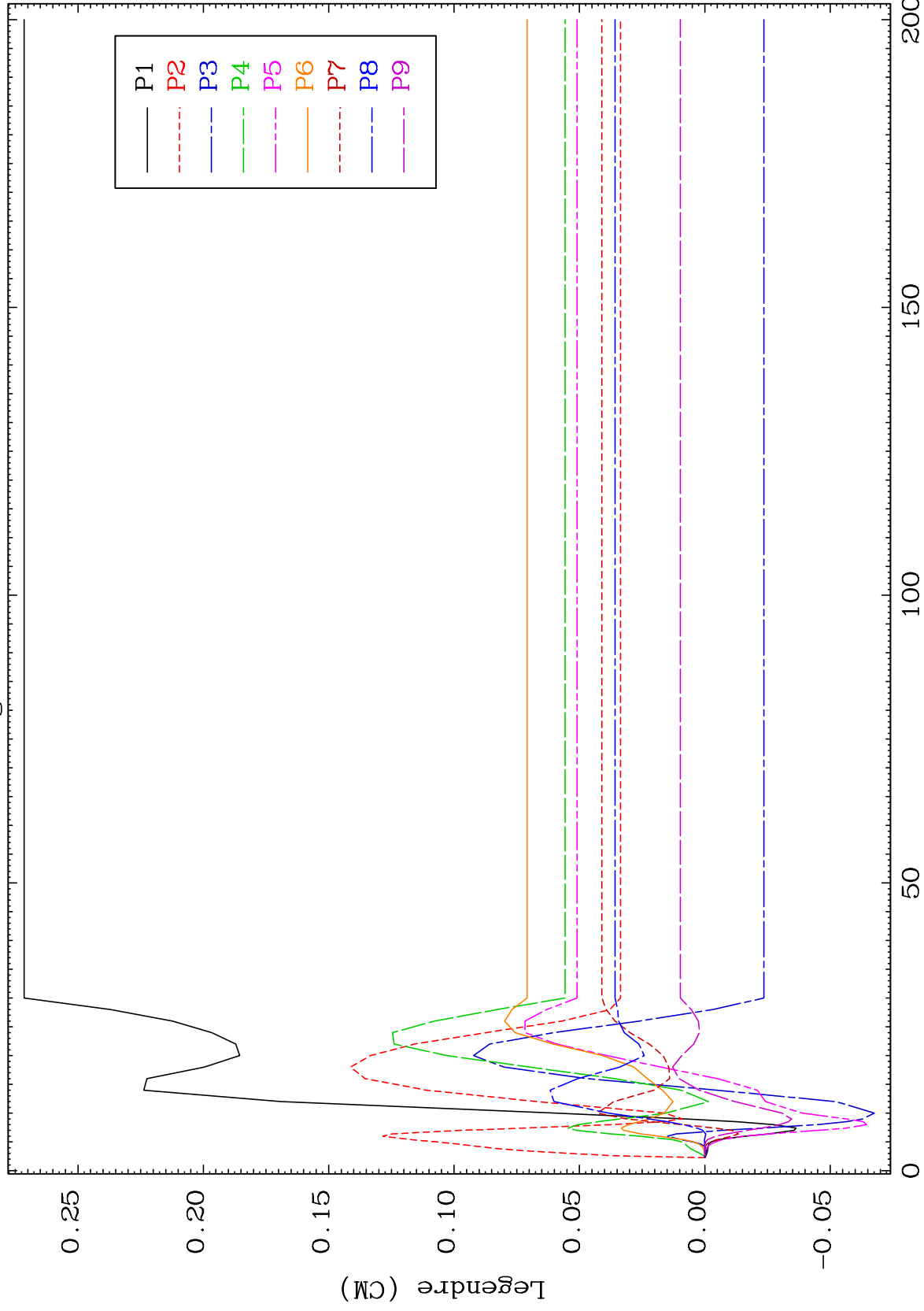
Incident Energy (MeV)

54-Xe-130

MAT 5443

2.243 MeV (n,n') Level  
Legendre Coefficients

54-Xe-130



76

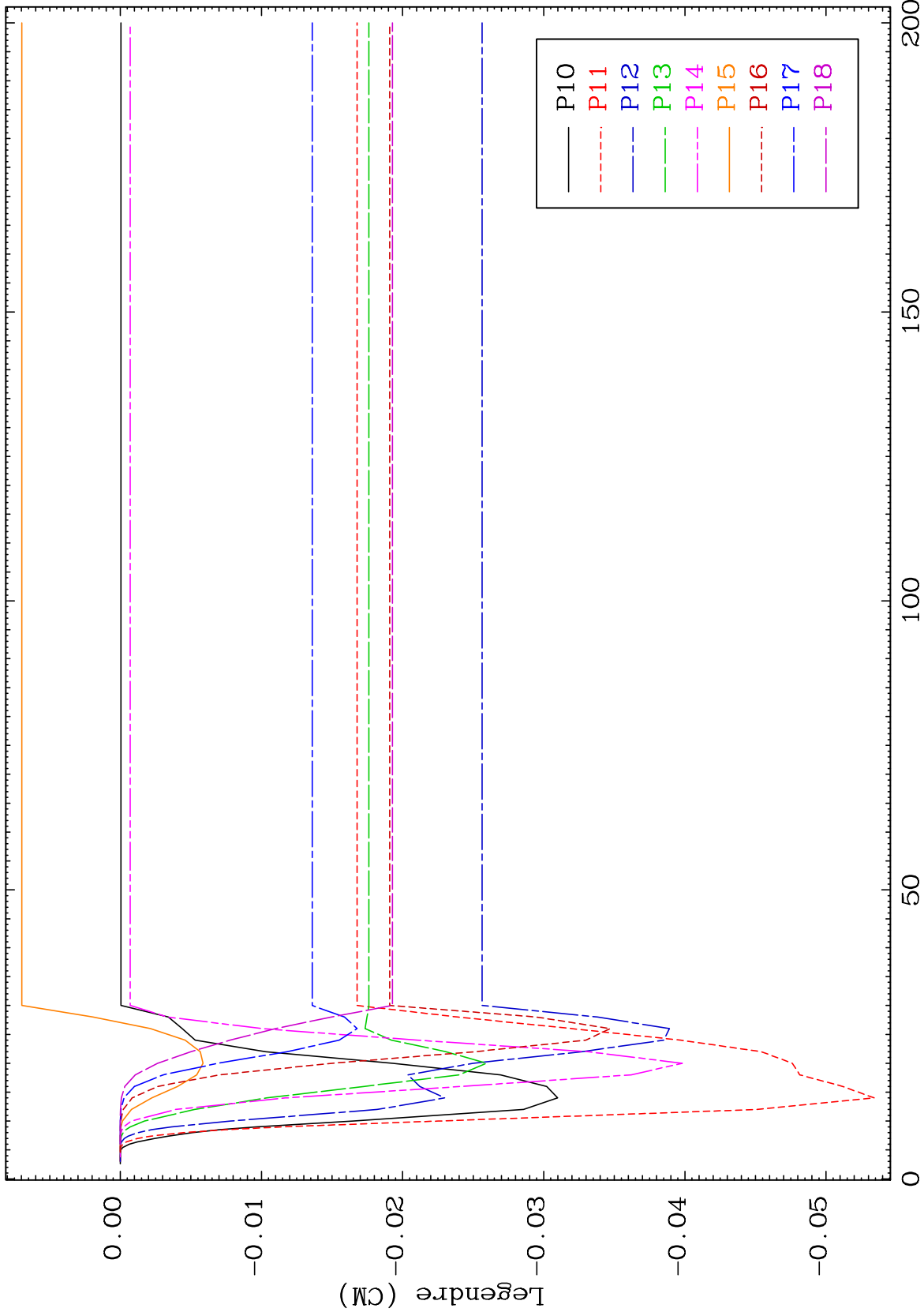
Incident Energy (MeV)

54-Xe-130

MAT 5443

2.243 MeV (n, n') Level  
Legendre Coefficients

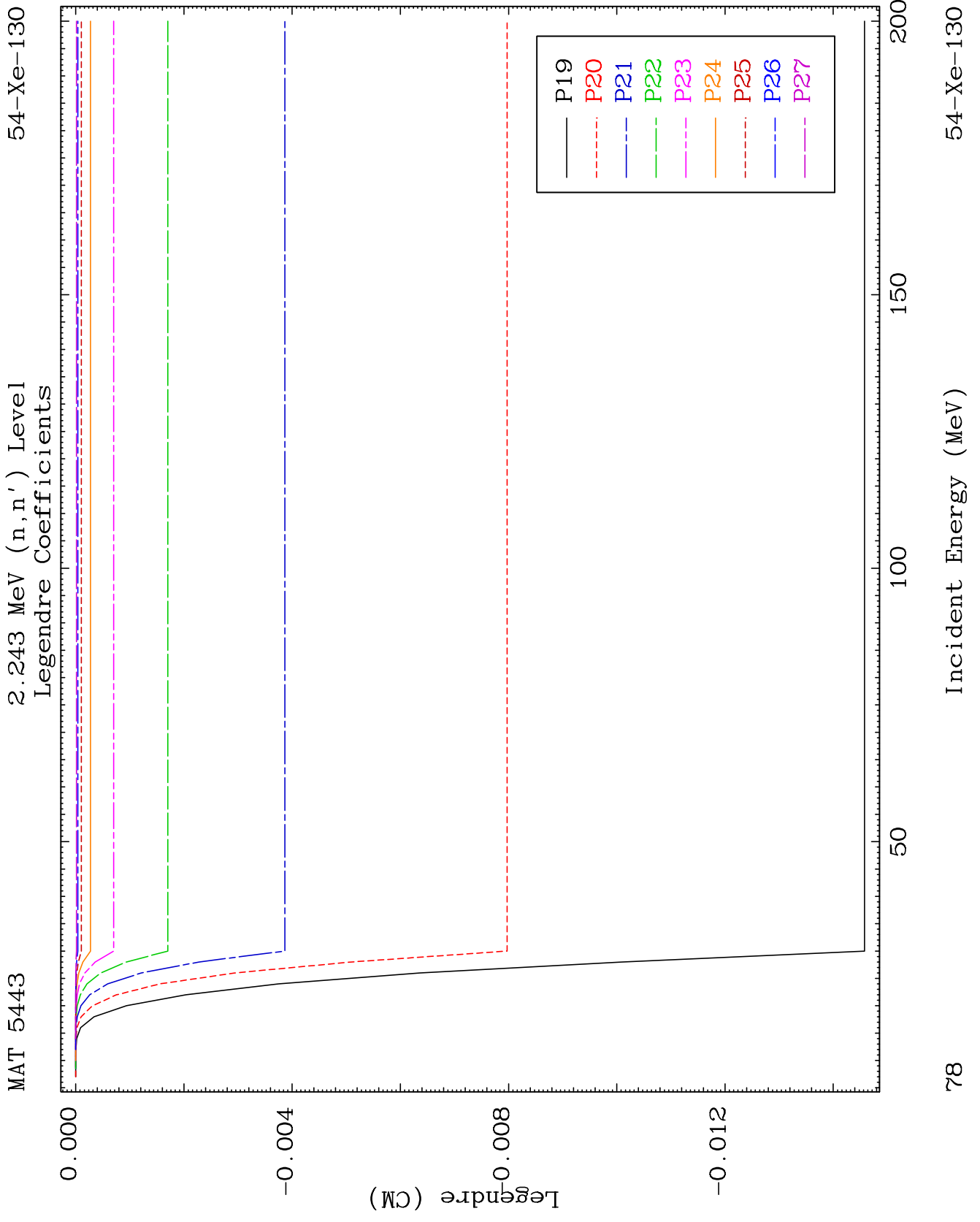
54-Xe-130

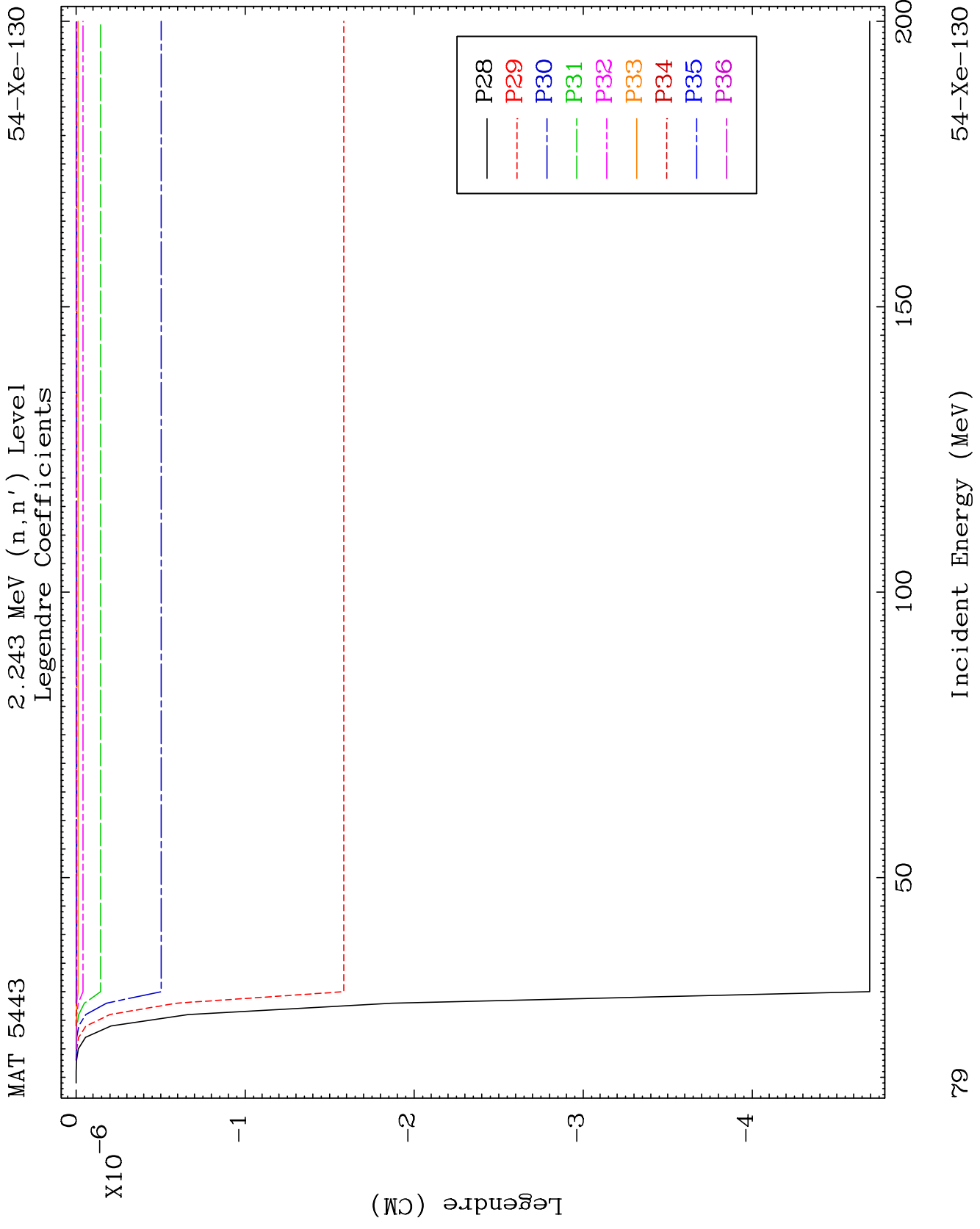


77

Incident Energy (MeV)

54-Xe-130



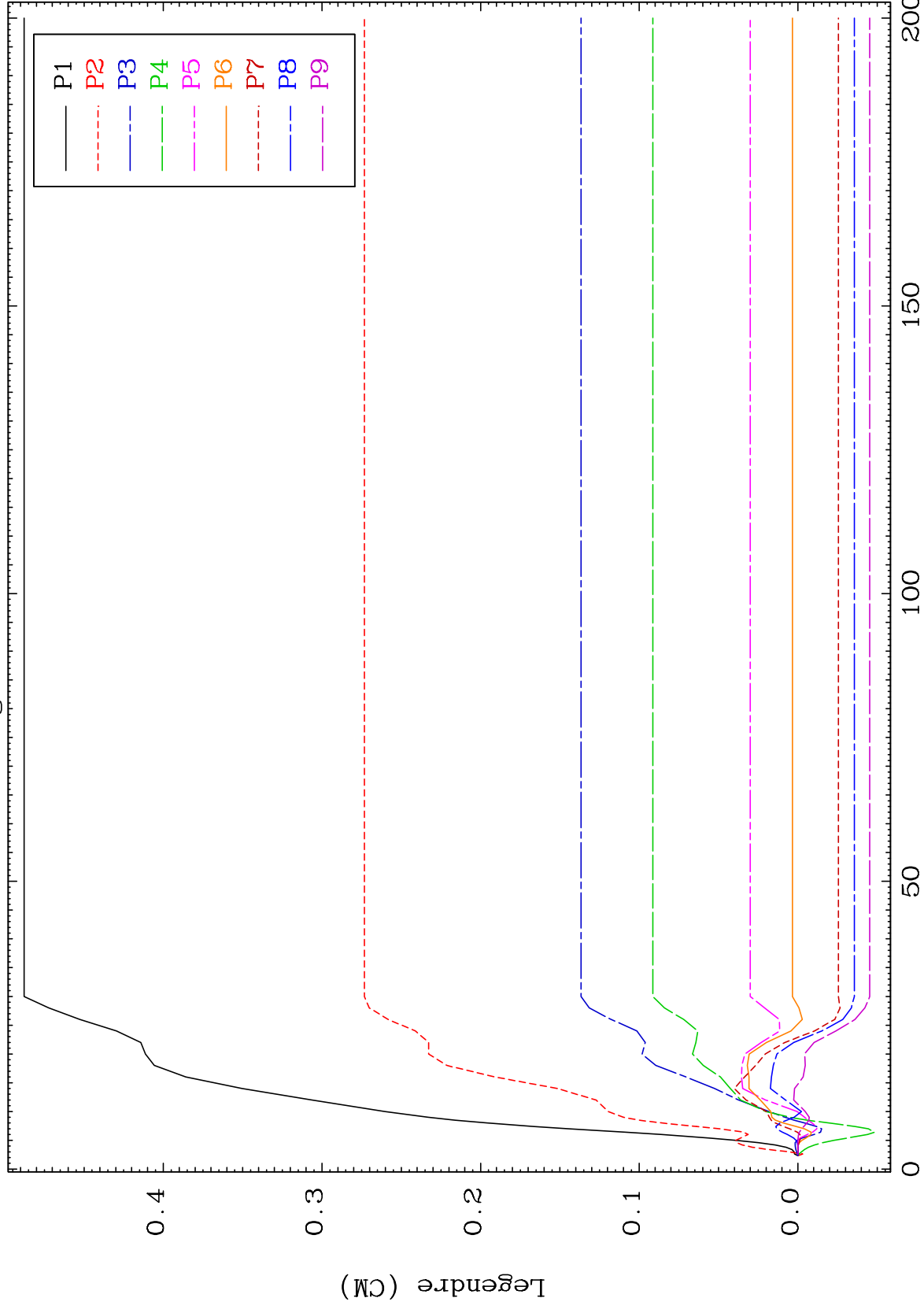




MAT 5443

2.296 MeV (n, n') Level  
Legendre Coefficients

54-Xe-130



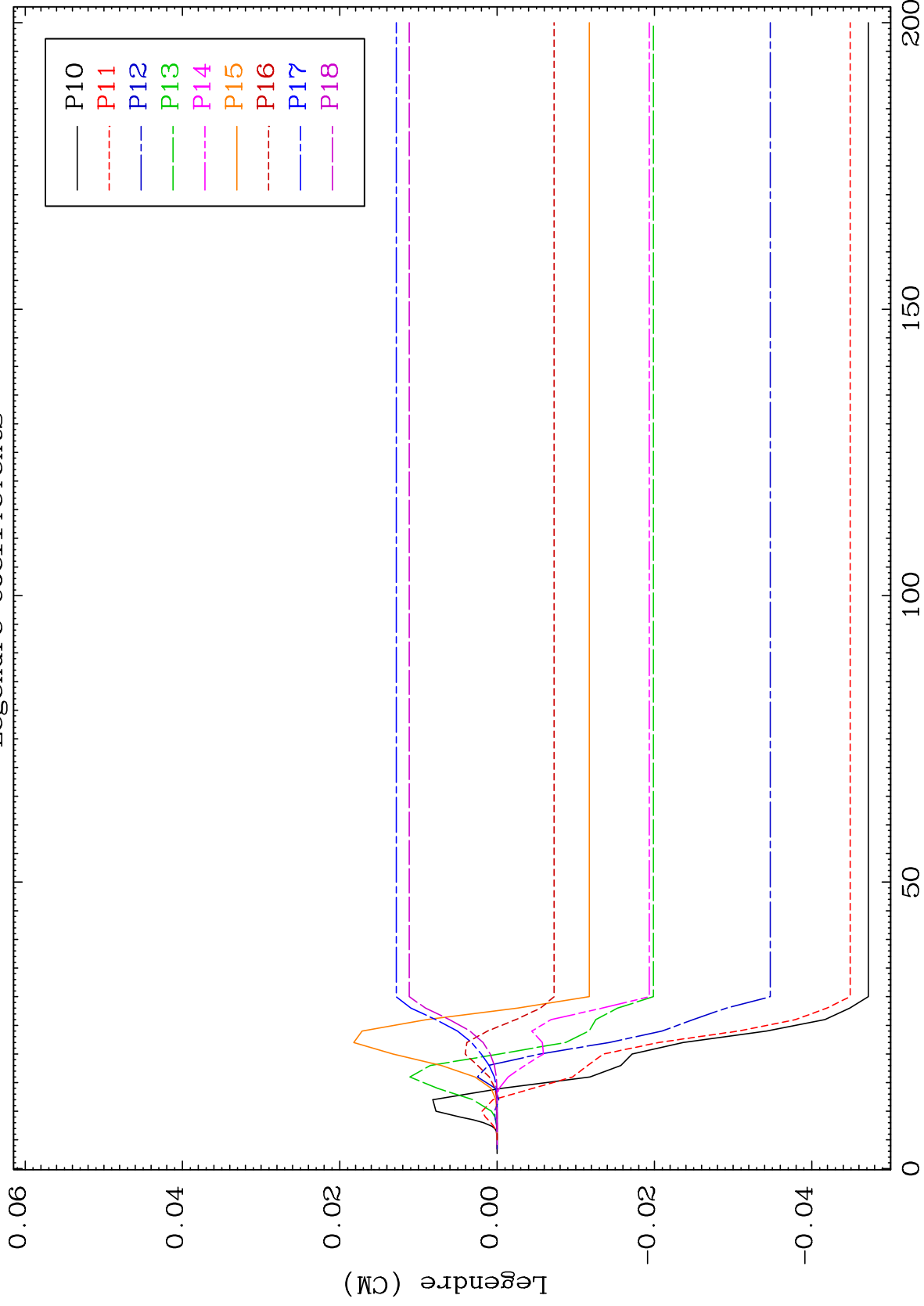
Incident Energy (MeV)

54-Xe-130

MAT 5443

2.296 MeV (n,n') Level  
Legendre Coefficients

54-Xe-130



81

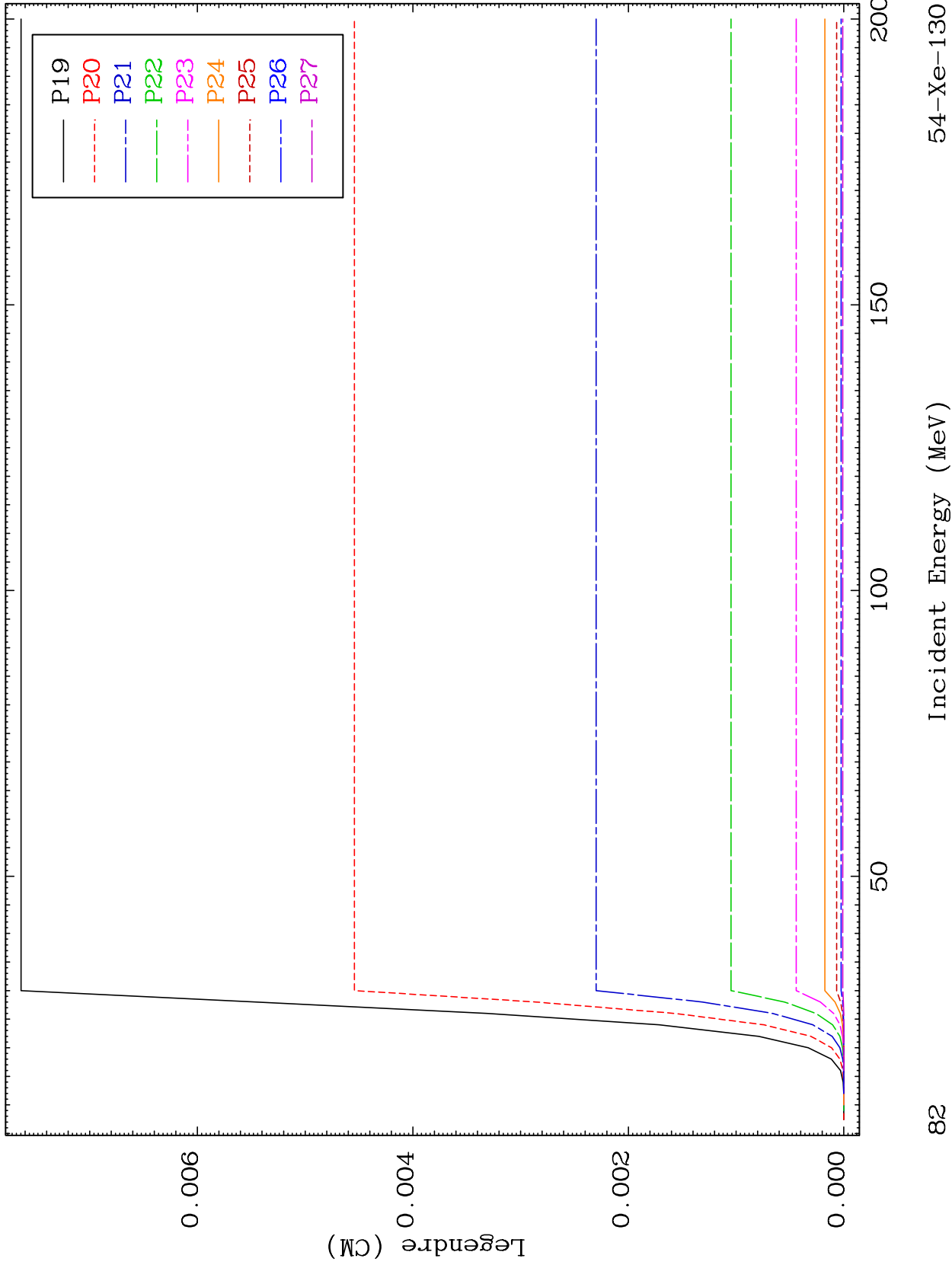
Incident Energy (MeV)

54-Xe-130

MAT 5443

2.296 MeV (n,n') Level  
Legendre Coefficients

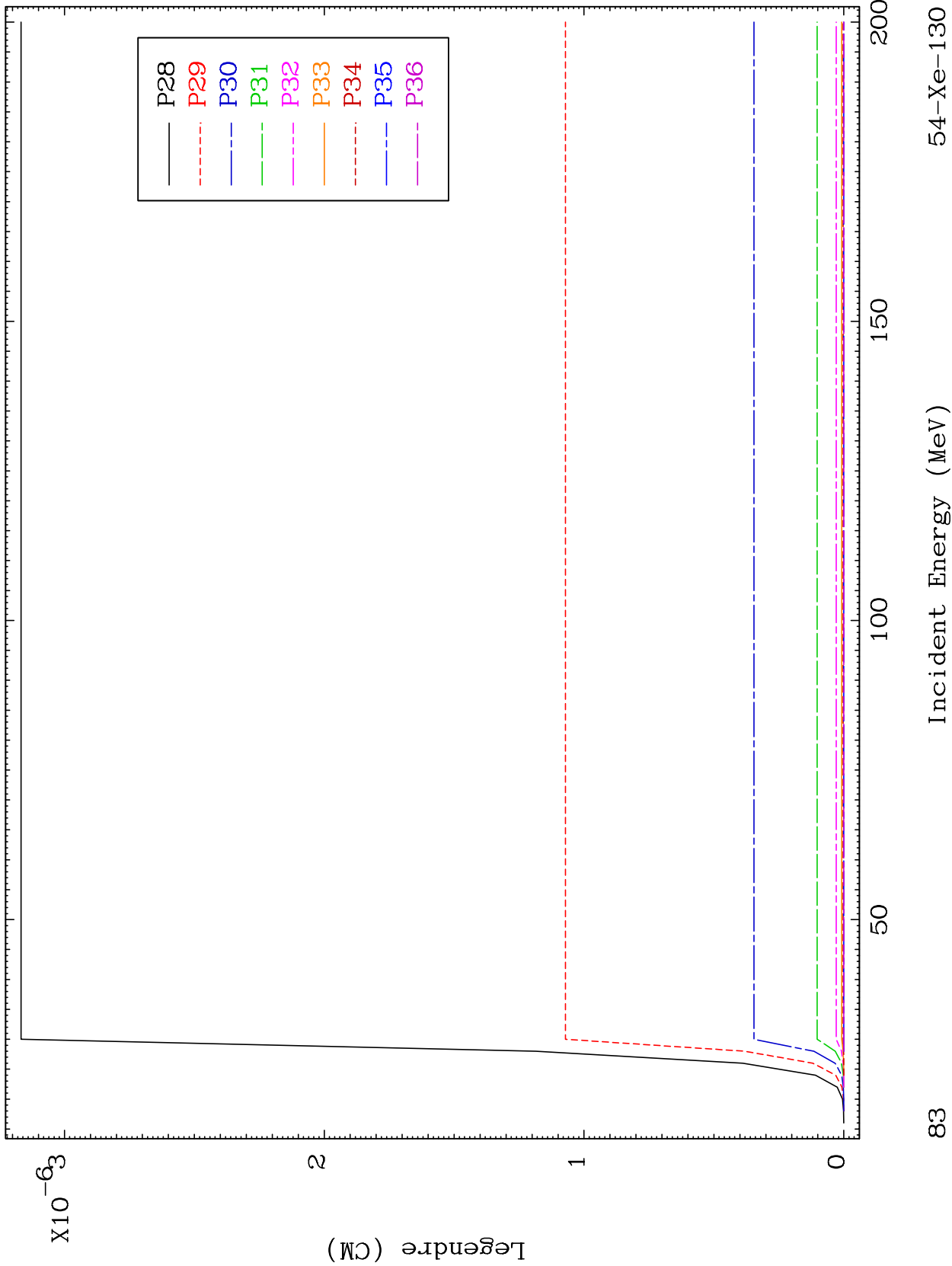
54-Xe-130



82

Incident Energy (MeV)

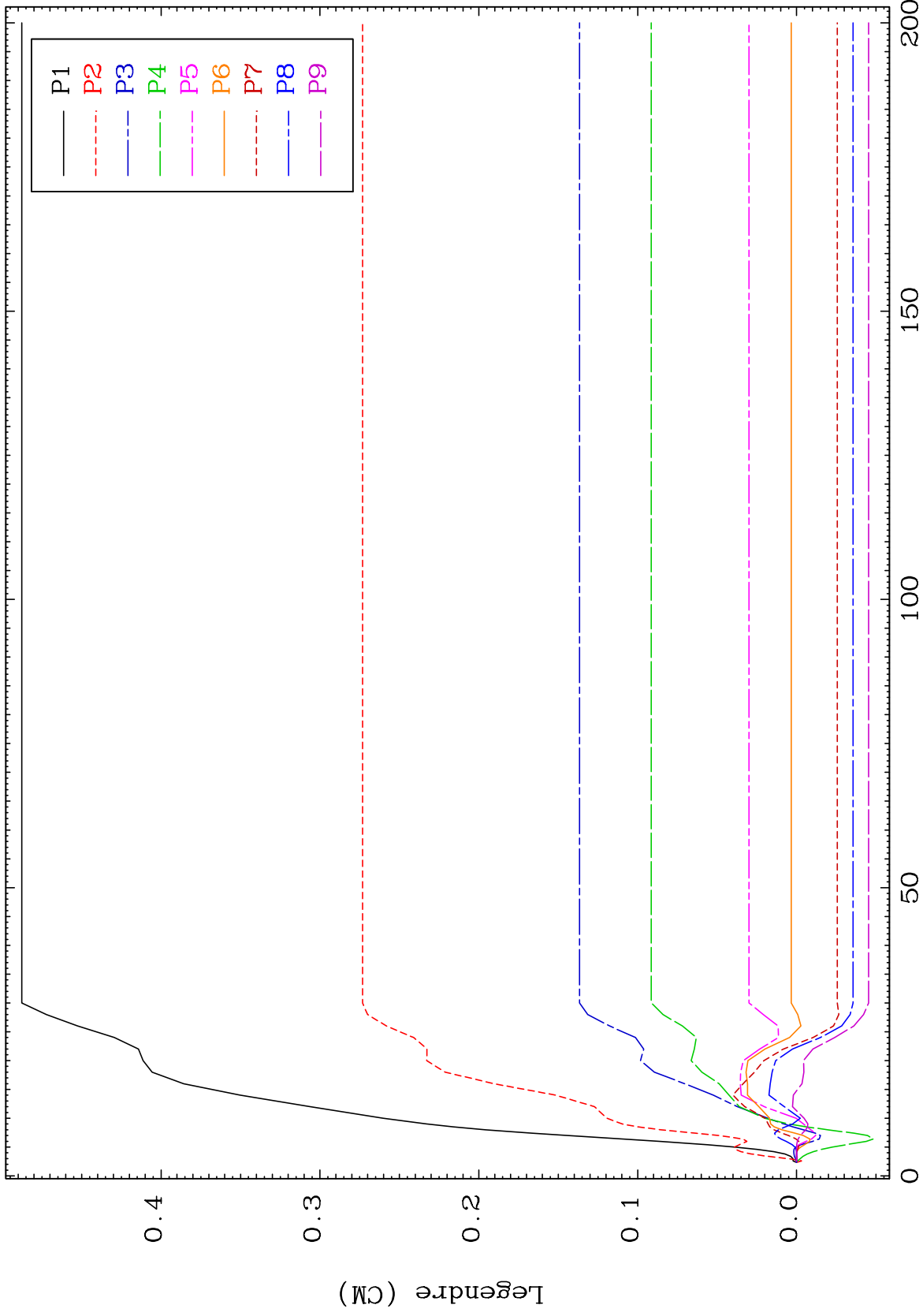
54-Xe-130



MAT 5443

2.308 MeV (n,n') Level  
Legendre Coefficients

54-Xe-130



84

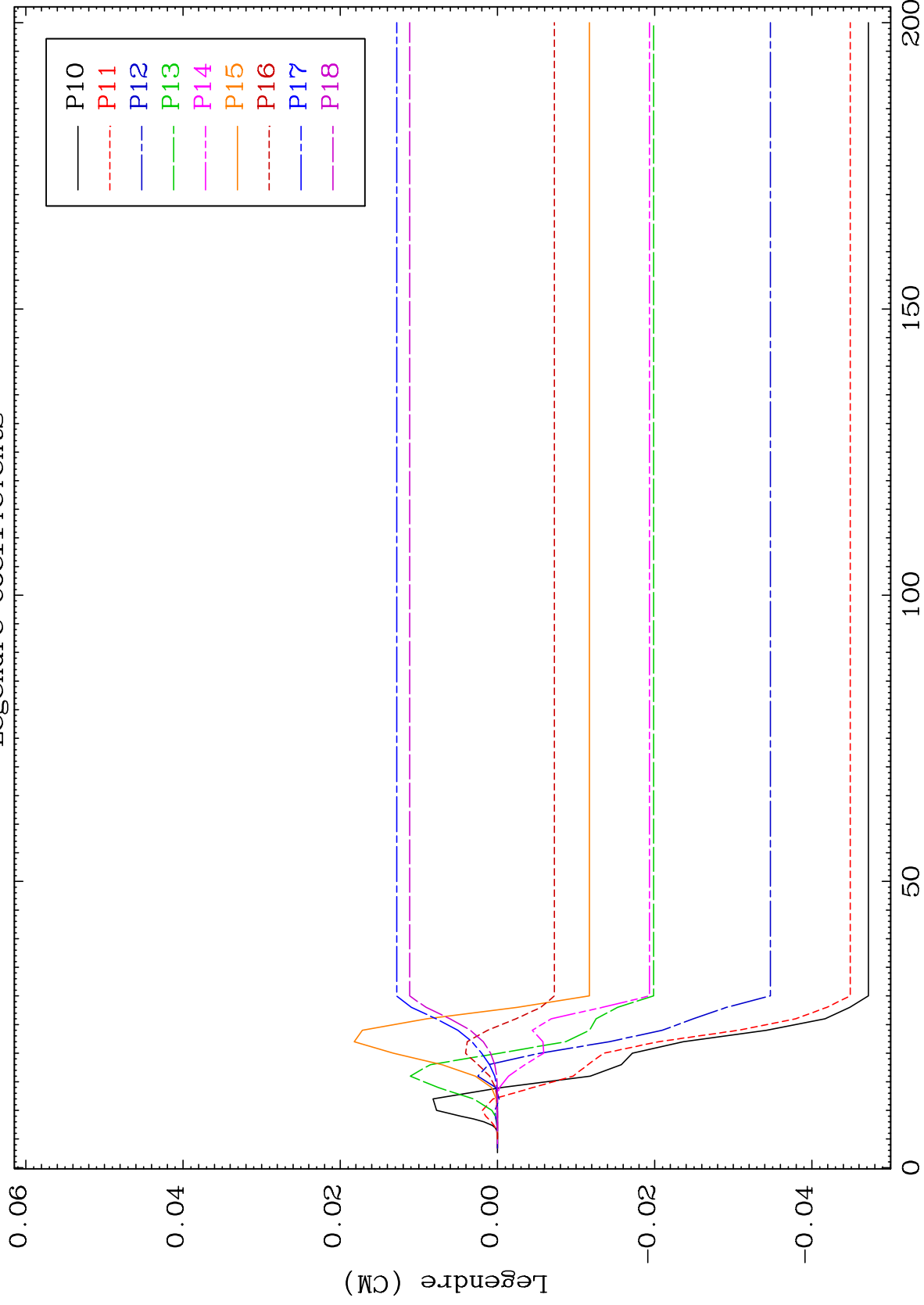
Incident Energy (MeV)

54-Xe-130

MAT 5443

2.308 MeV (n,n') Level  
Legendre Coefficients

54-Xe-130



85

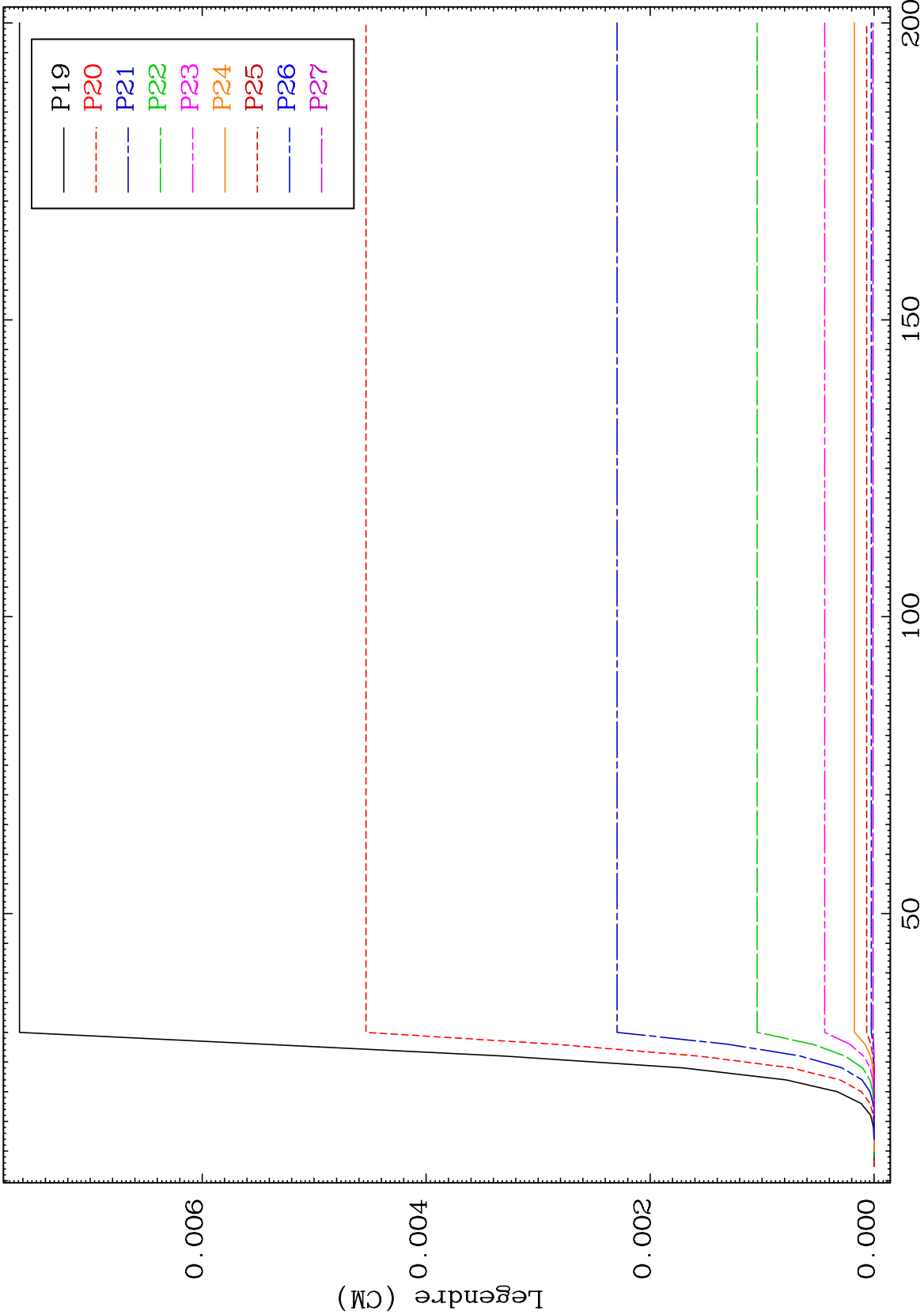
Incident Energy (MeV)

54-Xe-130

MAT 5443

2.308 MeV (n,n') Level  
Legendre Coefficients

54-Xe-130



86

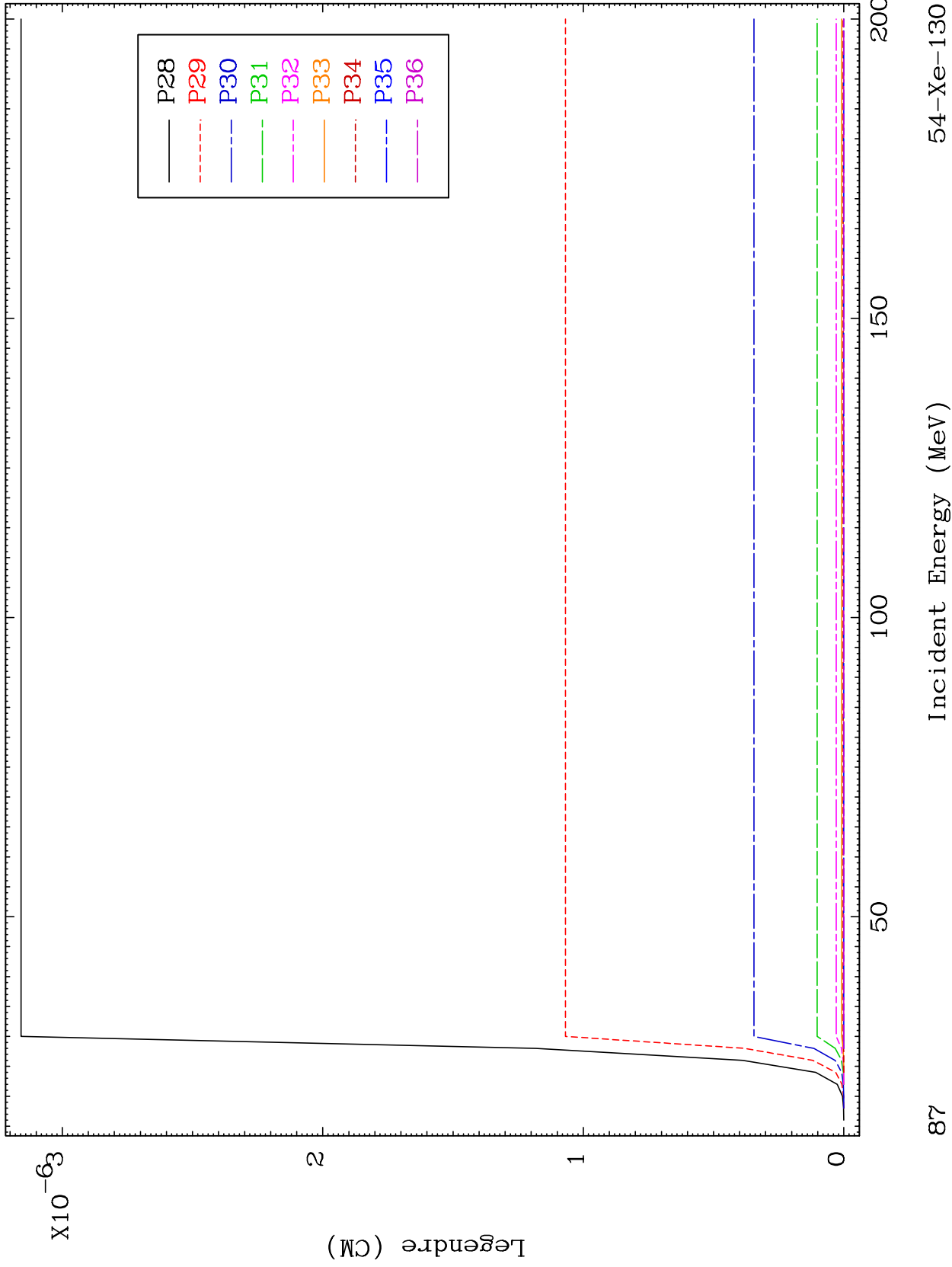
Incident Energy (MeV)

54-Xe-130

MAT 5443

2.308 MeV (n,n') Level  
Legendre Coefficients

54-Xe-130

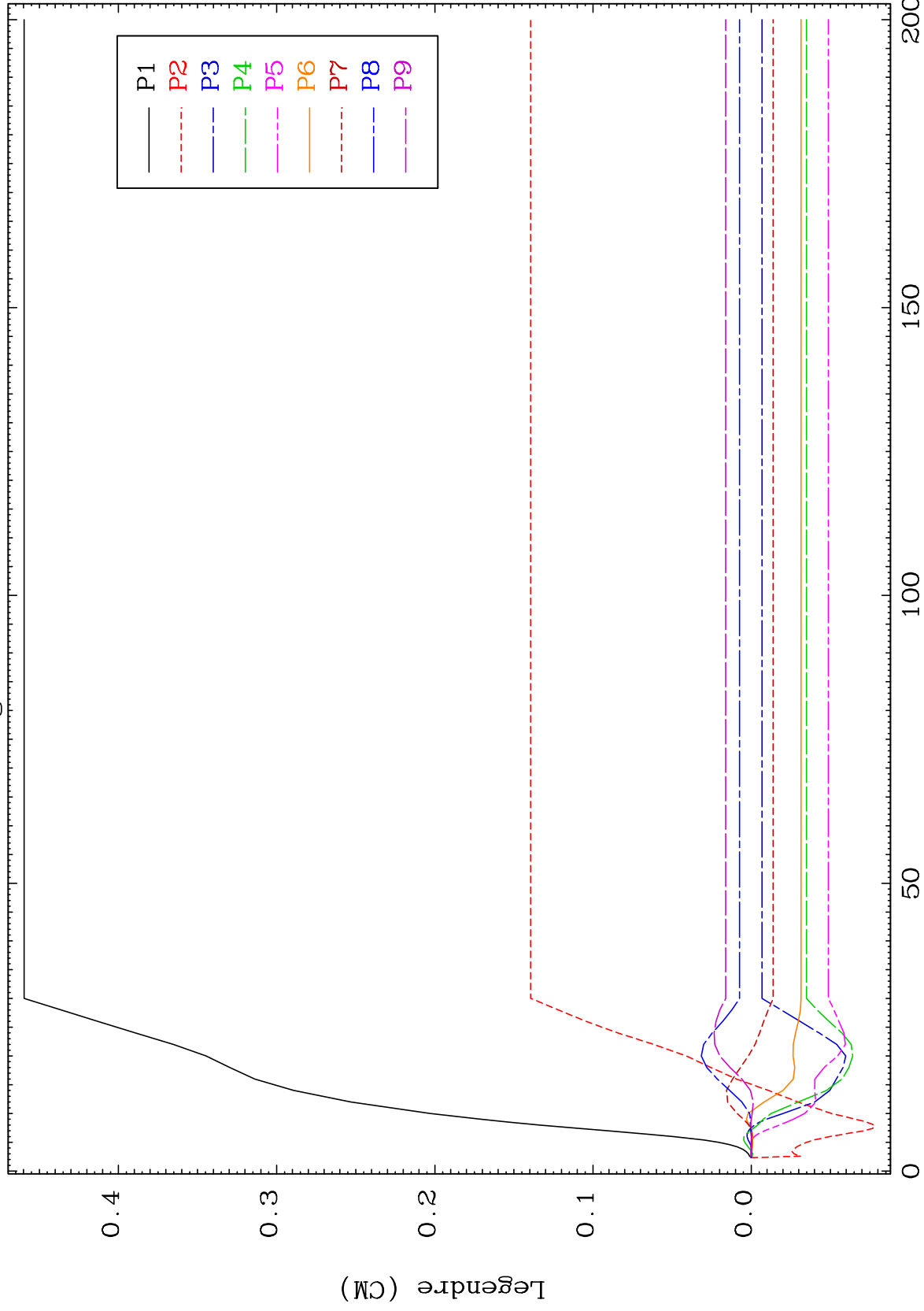




MAT 5443

2.310 MeV (n,n') Level  
Legendre Coefficients

54-Xe-130



88

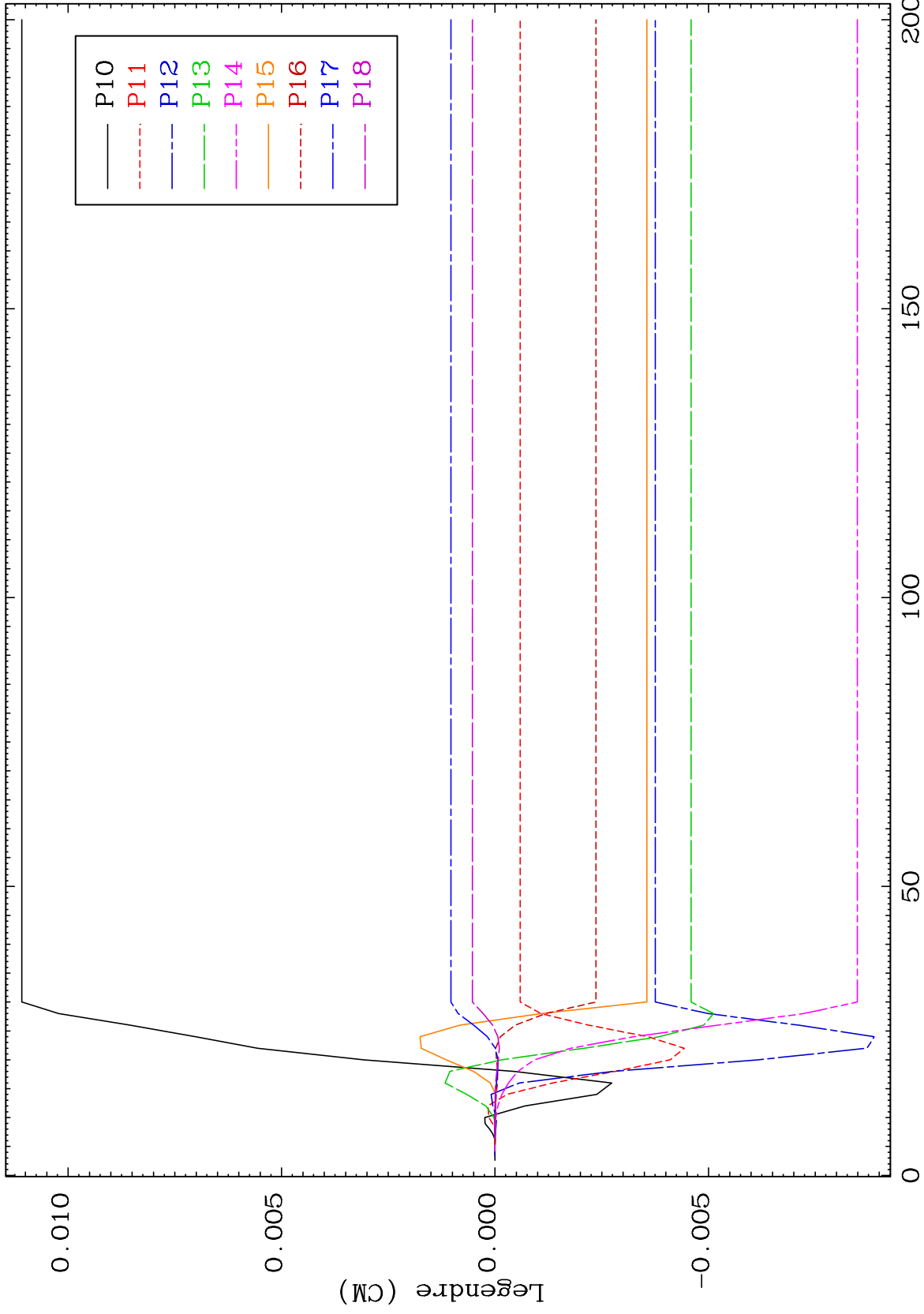
Incident Energy (MeV)

54-Xe-130

MAT 5443

2.310 MeV (n,n') Level  
Legendre Coefficients

54-Xe-130



89

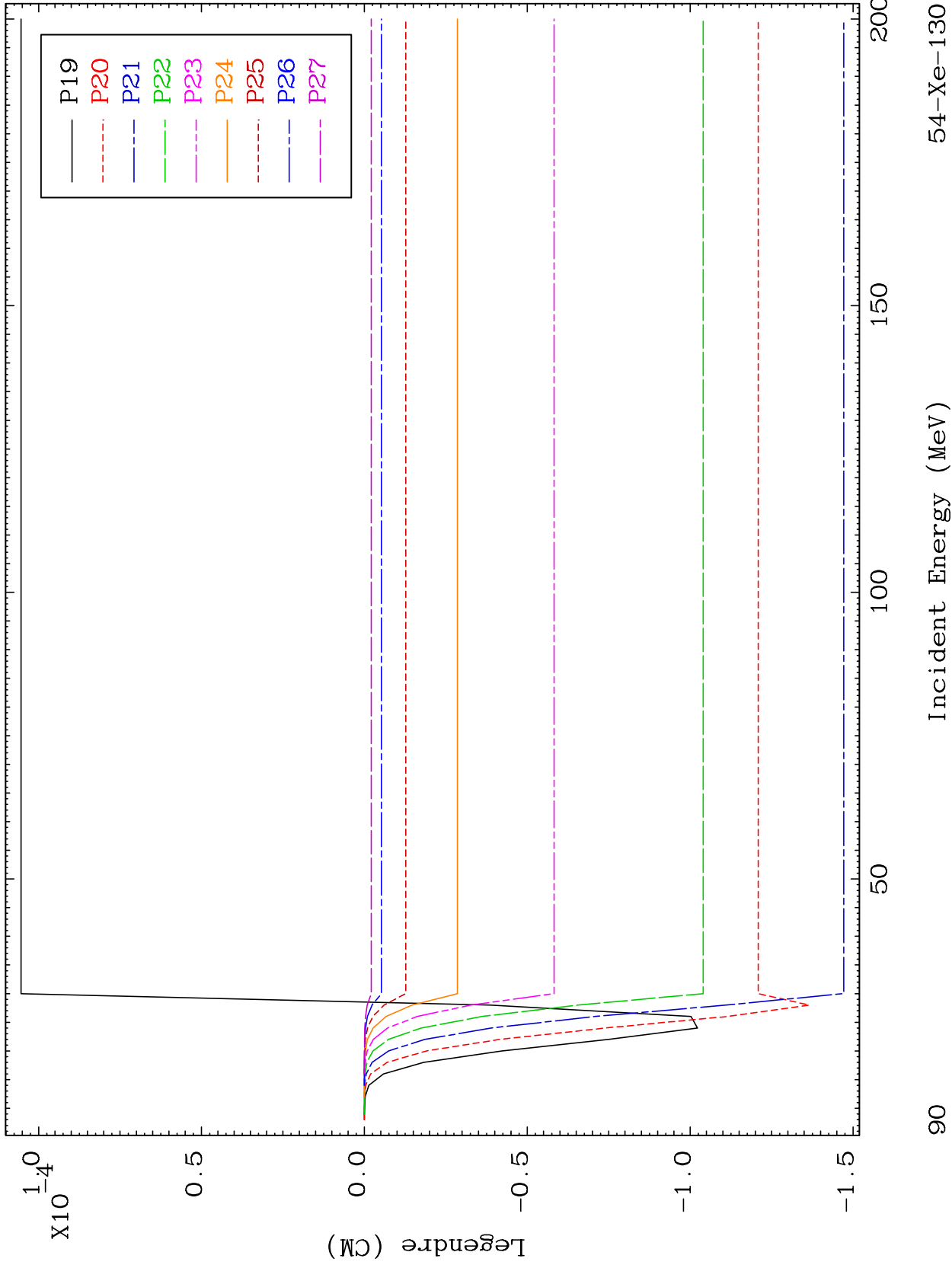
Incident Energy (MeV)

54-Xe-130

MAT 5443

2.310 MeV (n,n') Level  
Legendre Coefficients

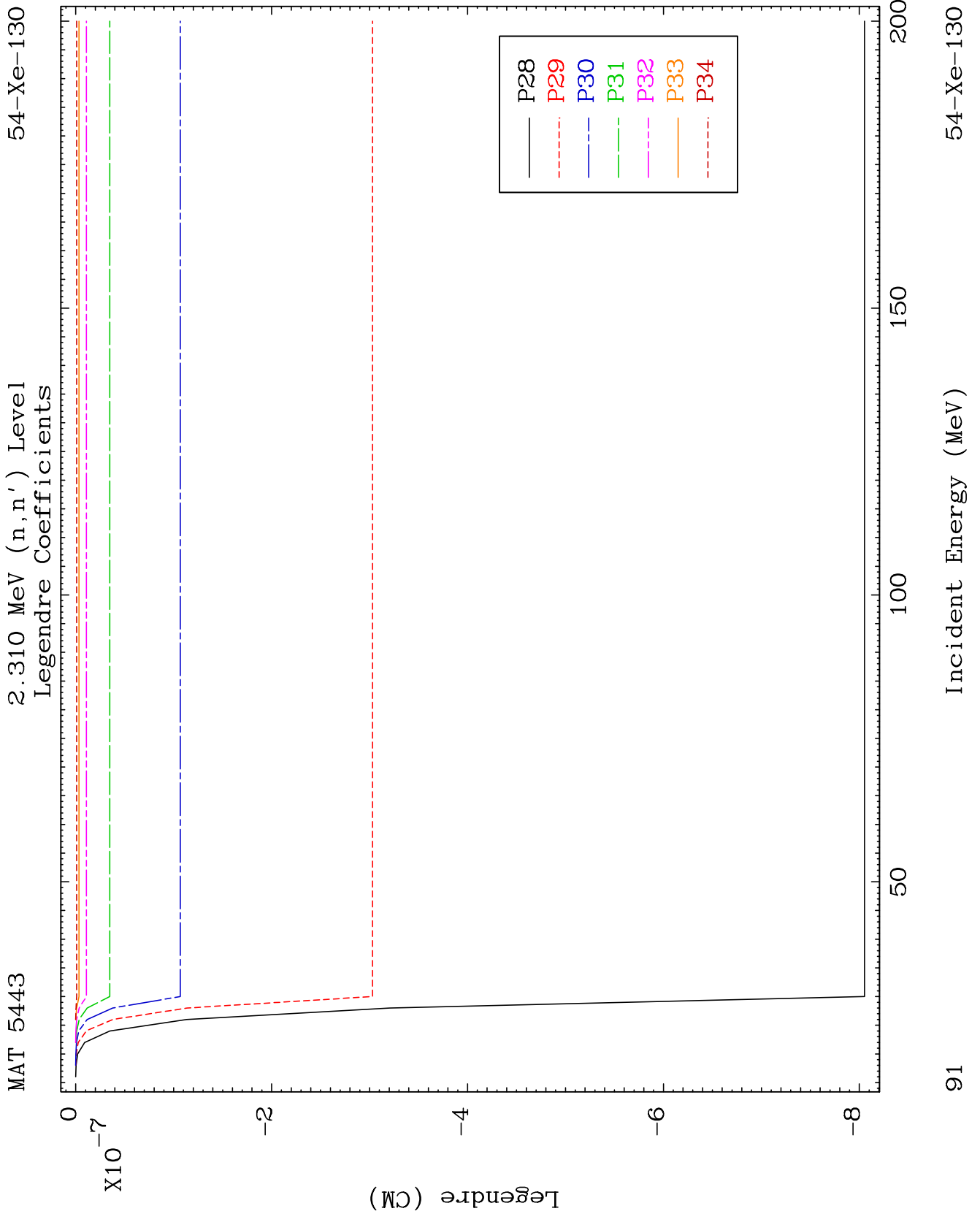
54-Xe-130



90

Incident Energy (MeV)

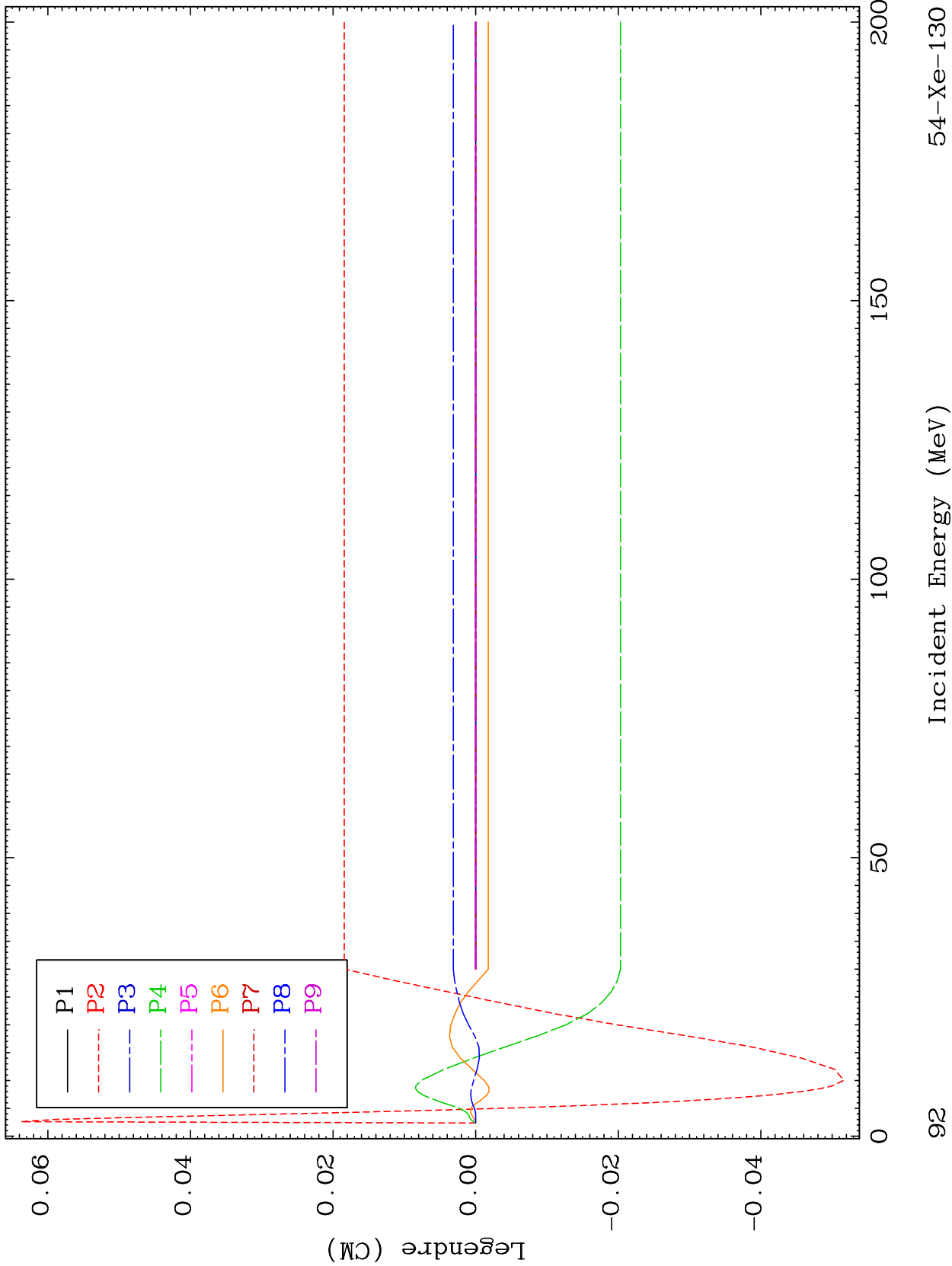
54-Xe-130



MAT 5443

2.346 MeV (n, n') Level  
Legendre Coefficients

54-Xe-130



54-Xe-130

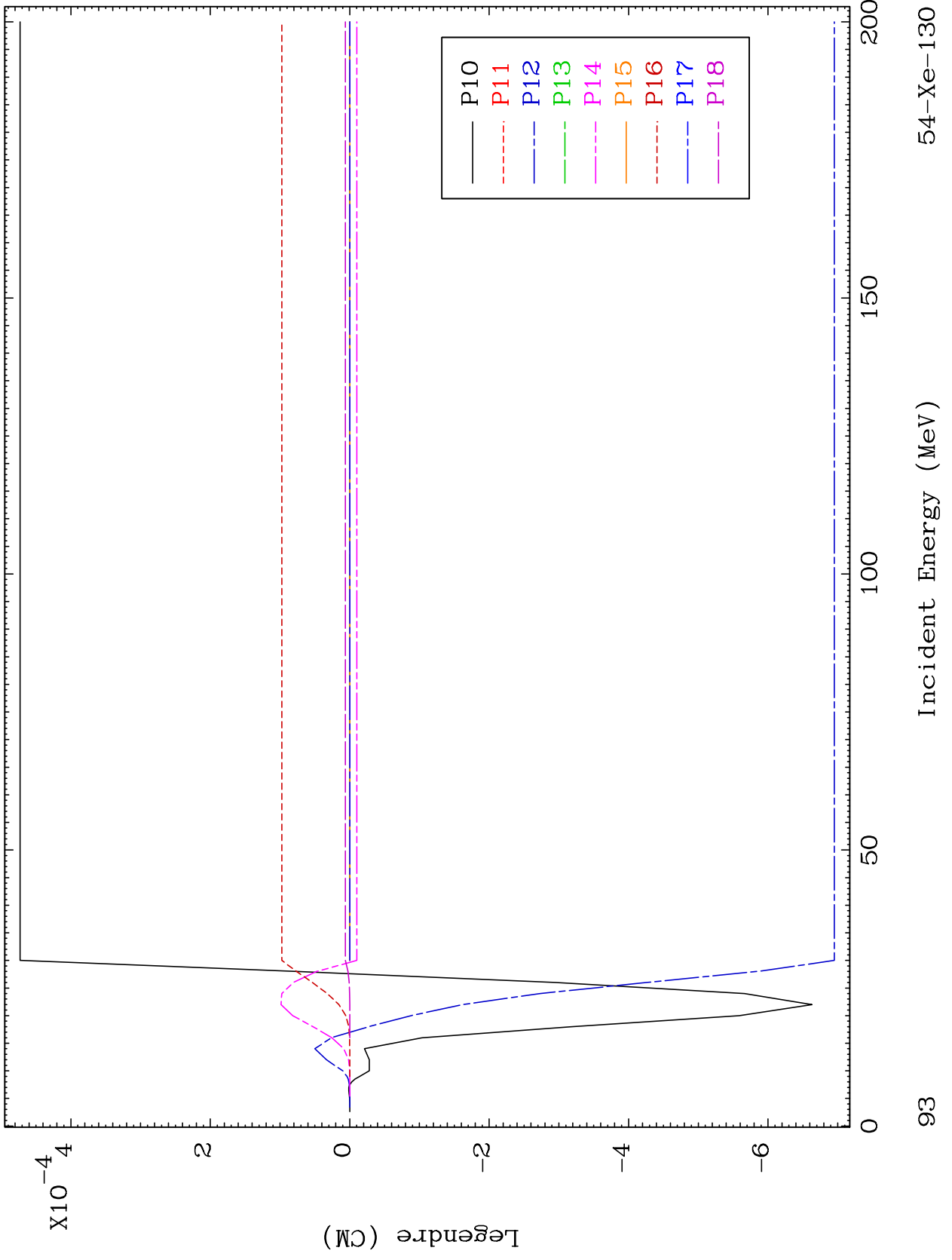
Incident Energy (MeV)

92

MAT 5443

2.346 MeV (n, n') Level  
Legendre Coefficients

54-Xe-130



93

Incident Energy (MeV)

54-Xe-130



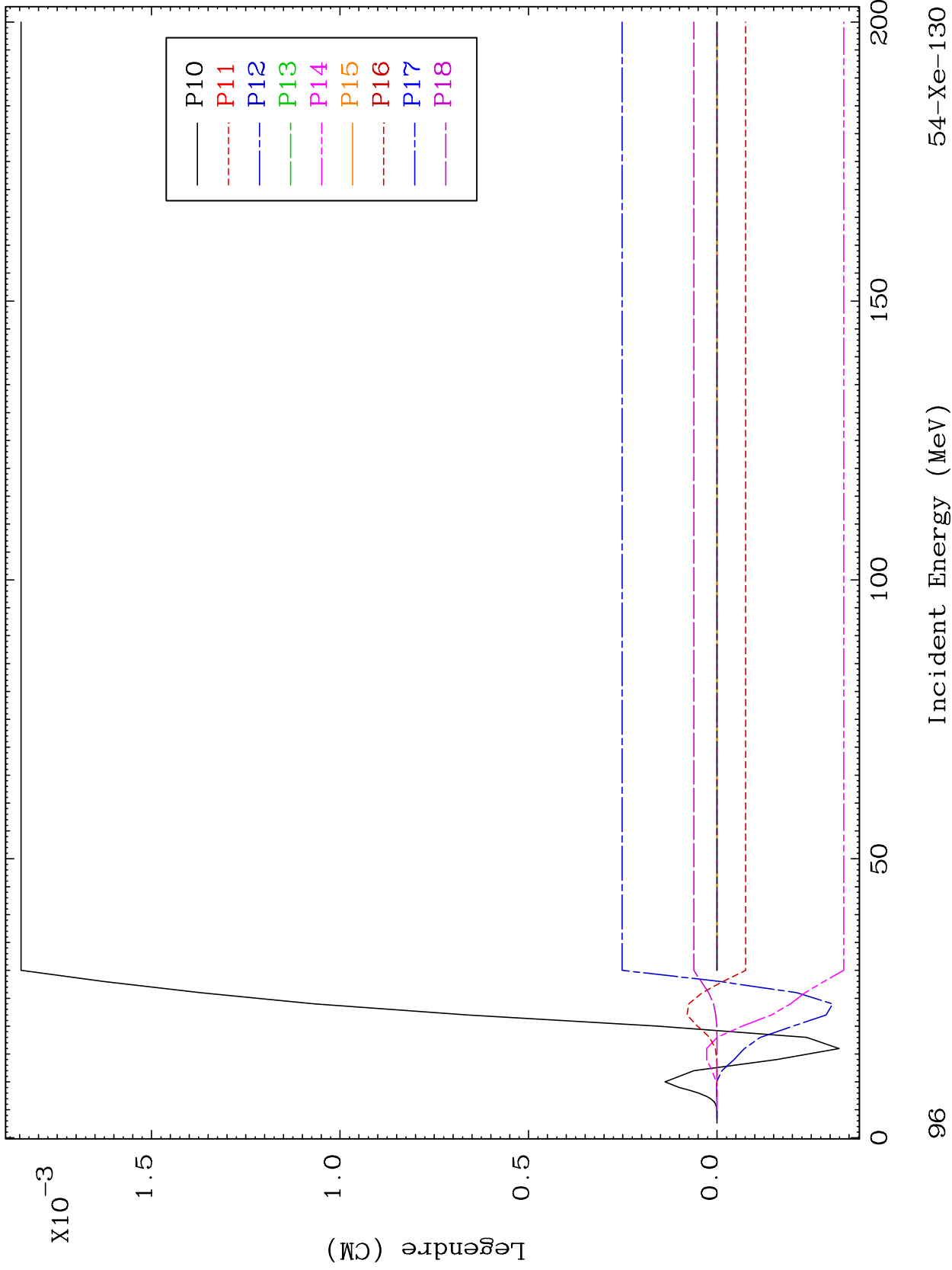


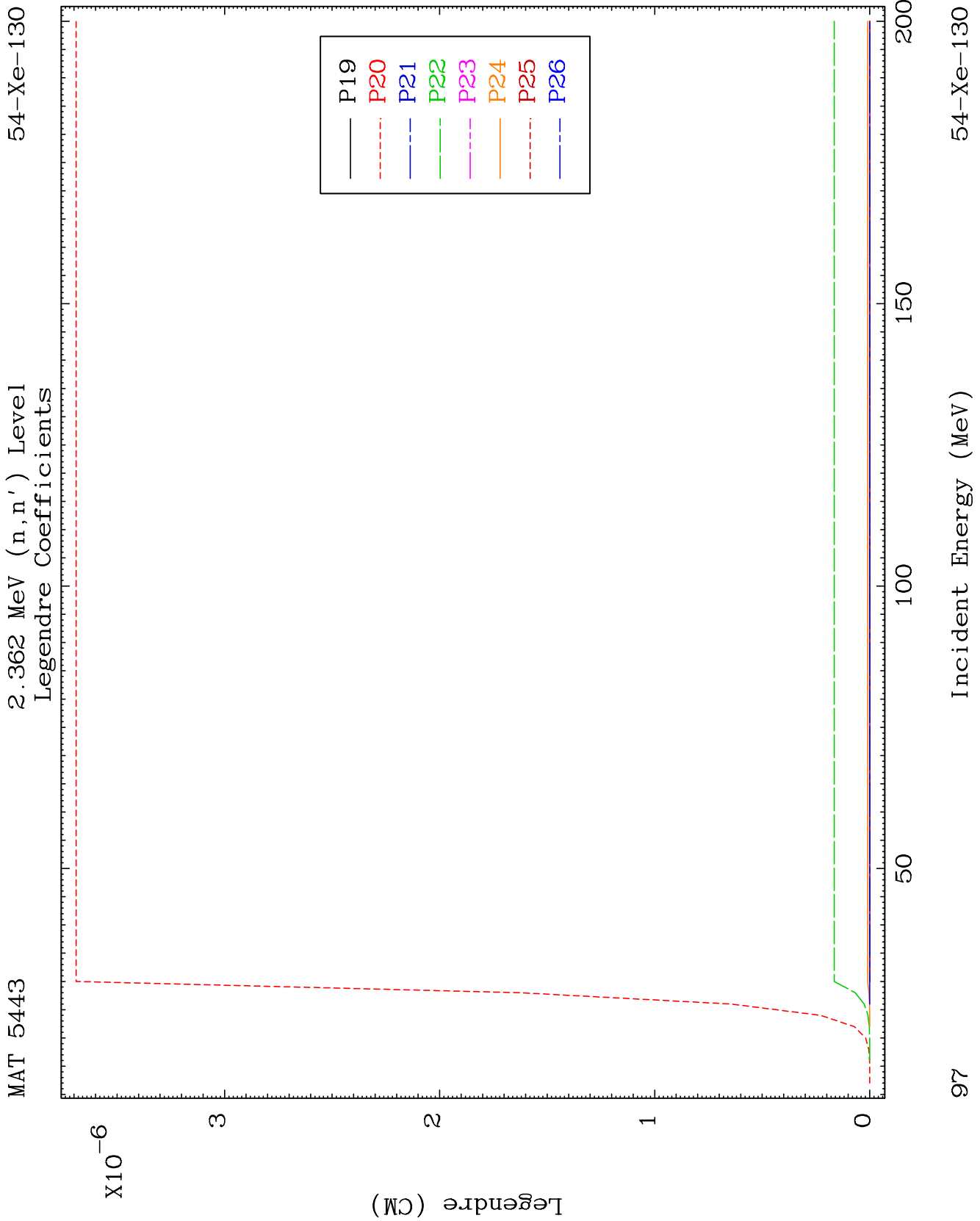


MAT 5443

2.362 MeV (n, n') Level  
Legendre Coefficients

54-Xe-130

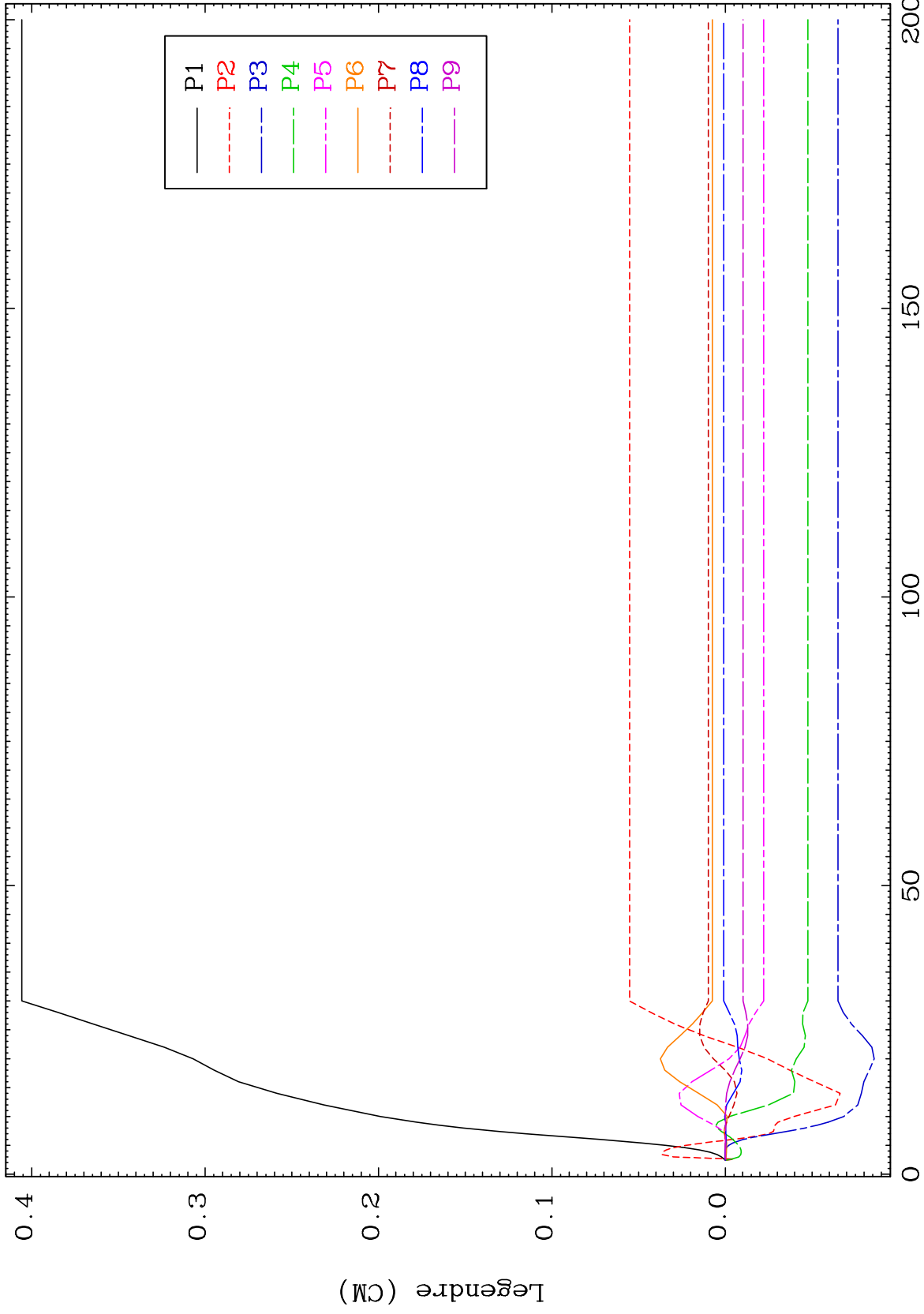




MAT 5443

2.375 MeV (n,n') Level  
Legendre Coefficients

54-Xe-130



98

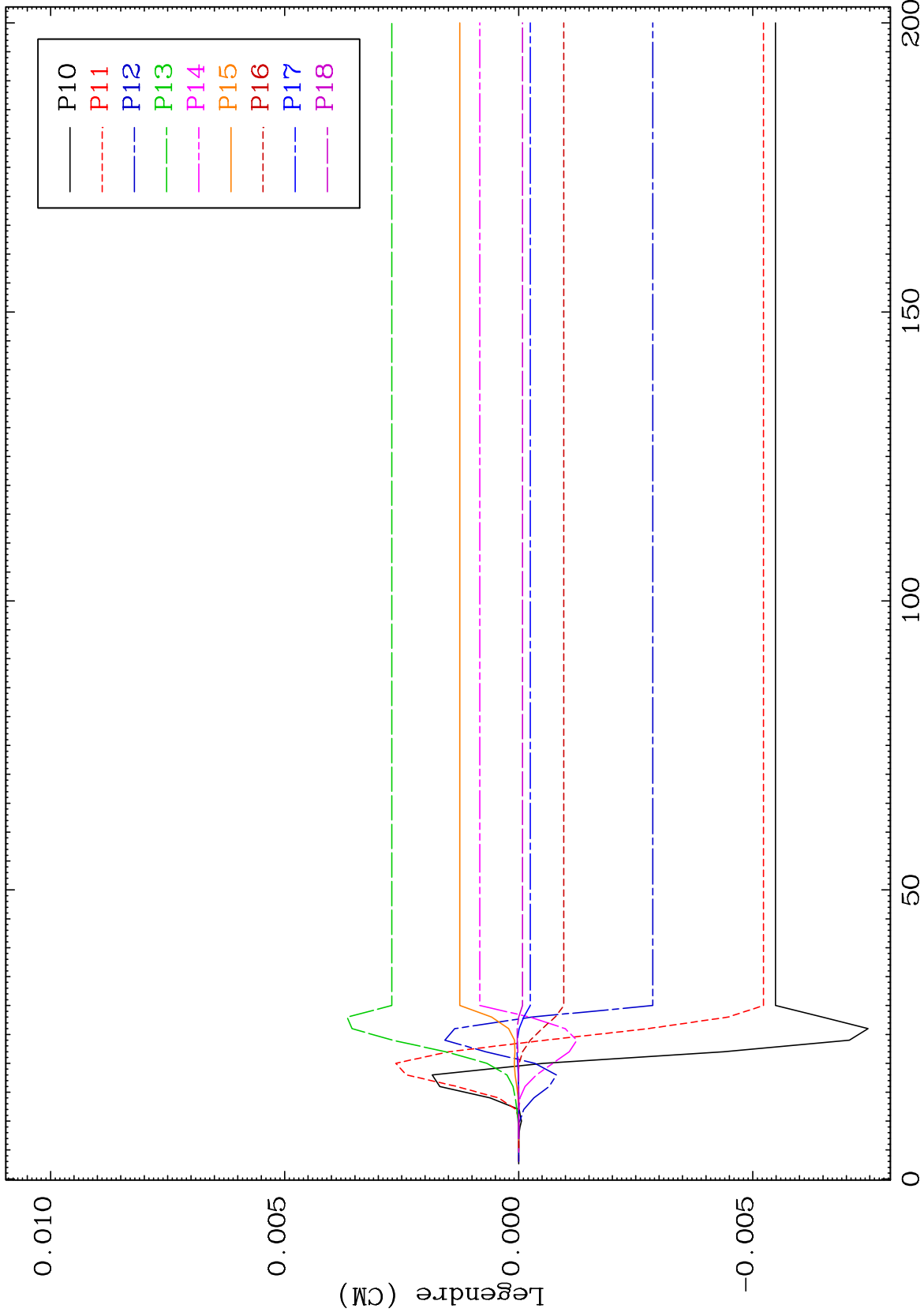
Incident Energy (MeV)

54-Xe-130

MAT 5443

2.375 MeV (n,n') Level  
Legendre Coefficients

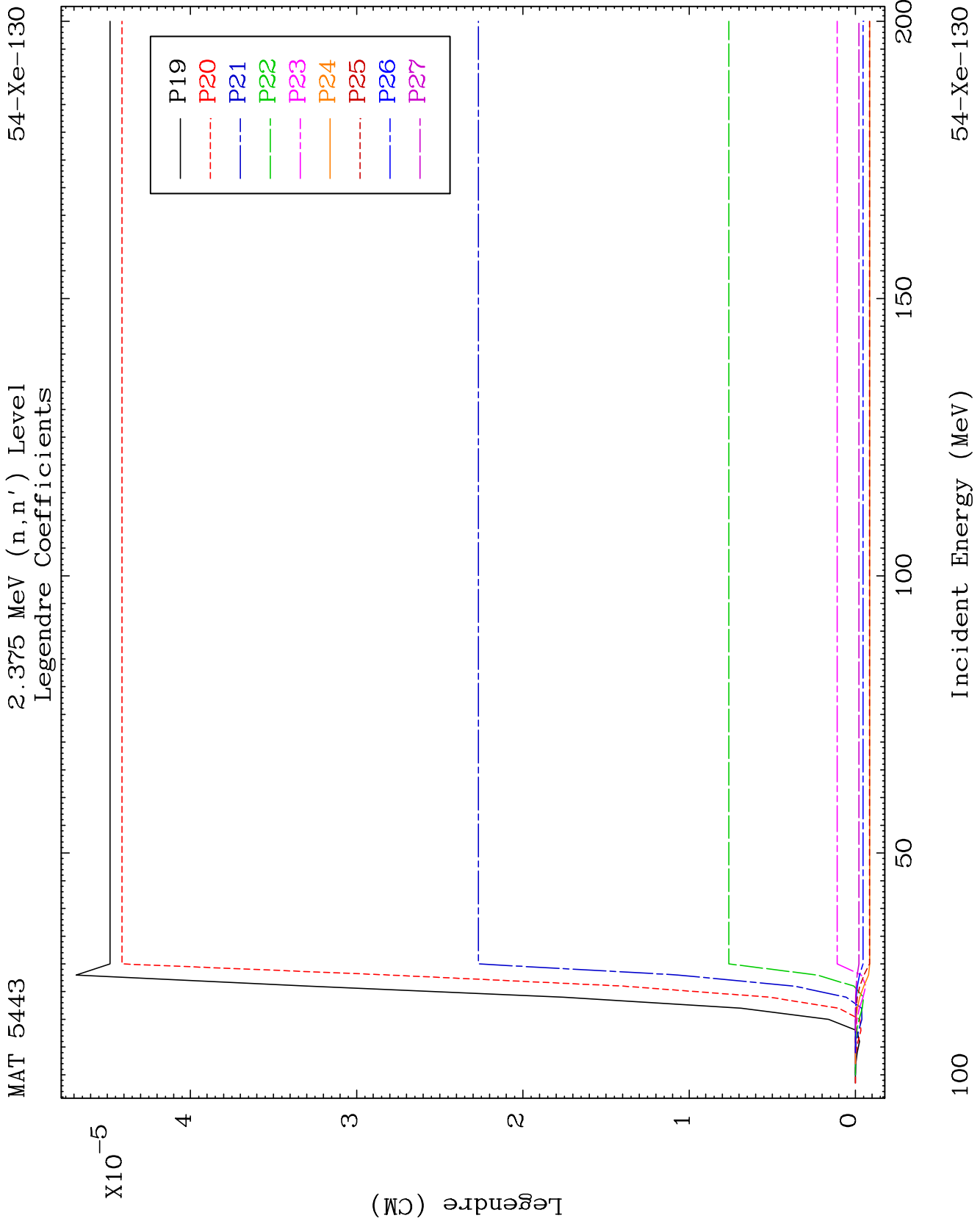
54-Xe-130

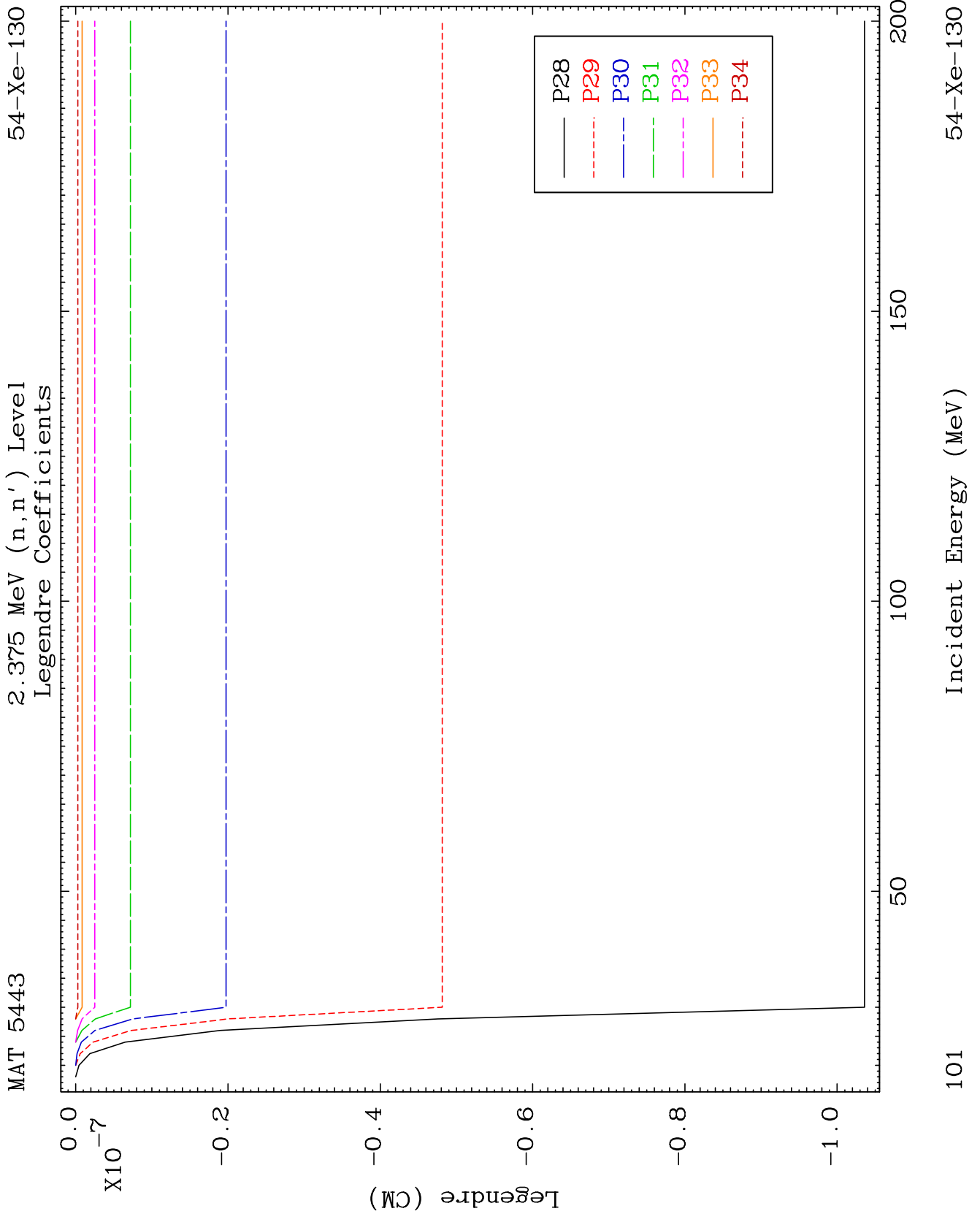


99

Incident Energy (MeV)

54-Xe-130

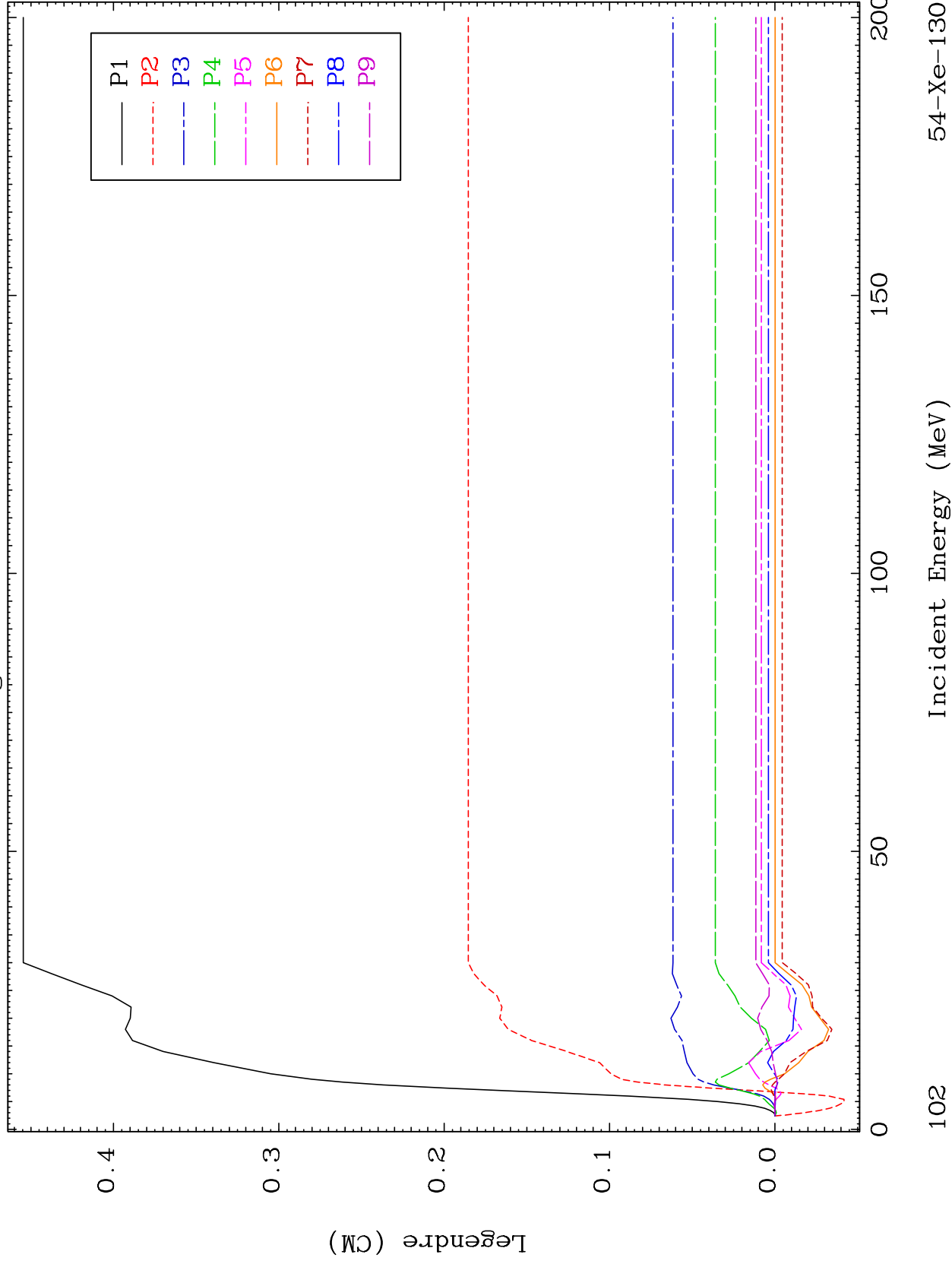




MAT 5443

2.386 MeV (n,n') Level  
Legendre Coefficients

54-Xe-130



54-Xe-130

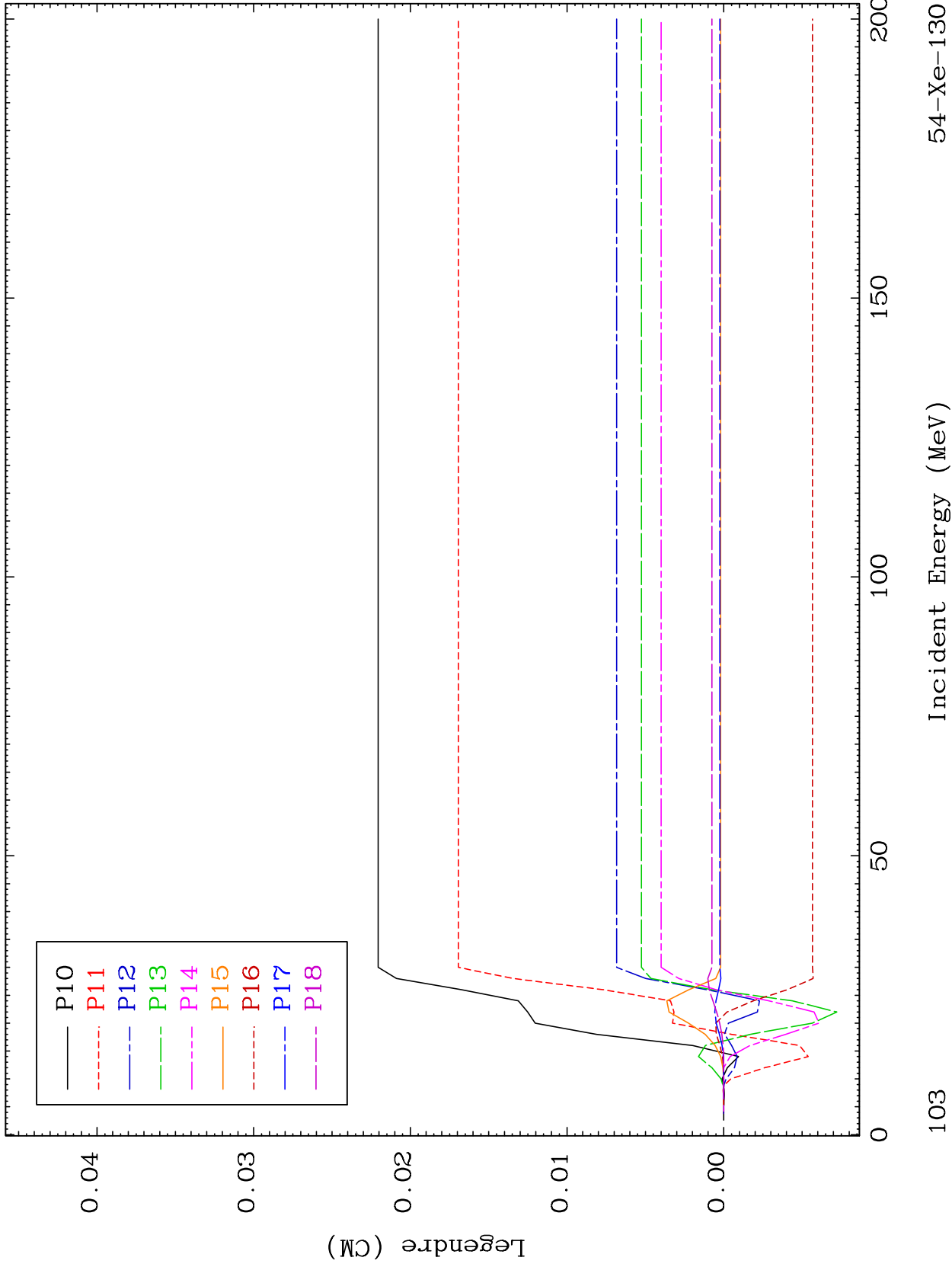
Incident Energy (MeV)

102

MAT 5443

2.386 MeV (n,n') Level  
Legendre Coefficients

54-Xe-130



54-Xe-130

Incident Energy (MeV)

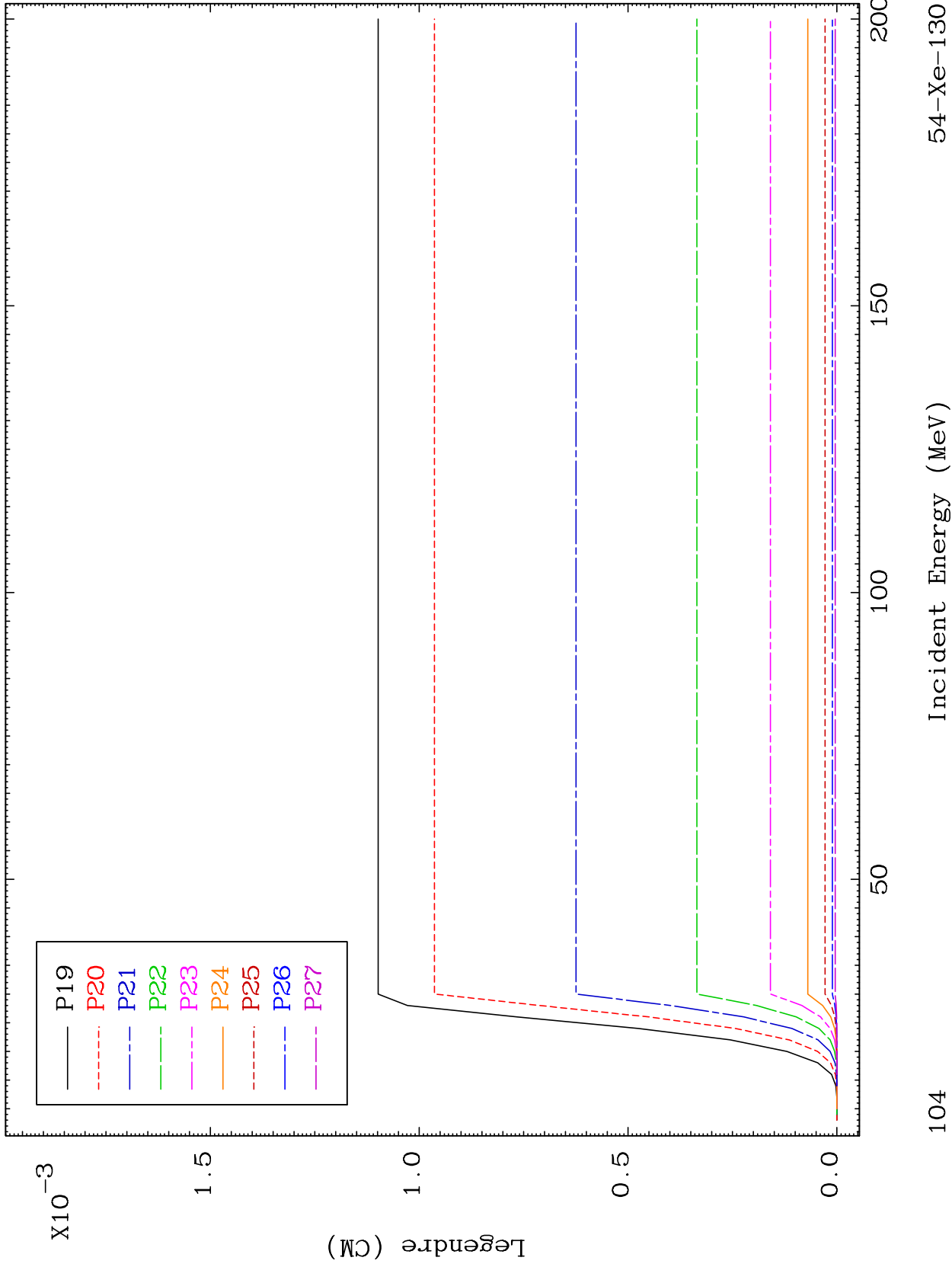
103



MAT 5443

2.386 MeV (n,n') Level  
Legendre Coefficients

54-Xe-130

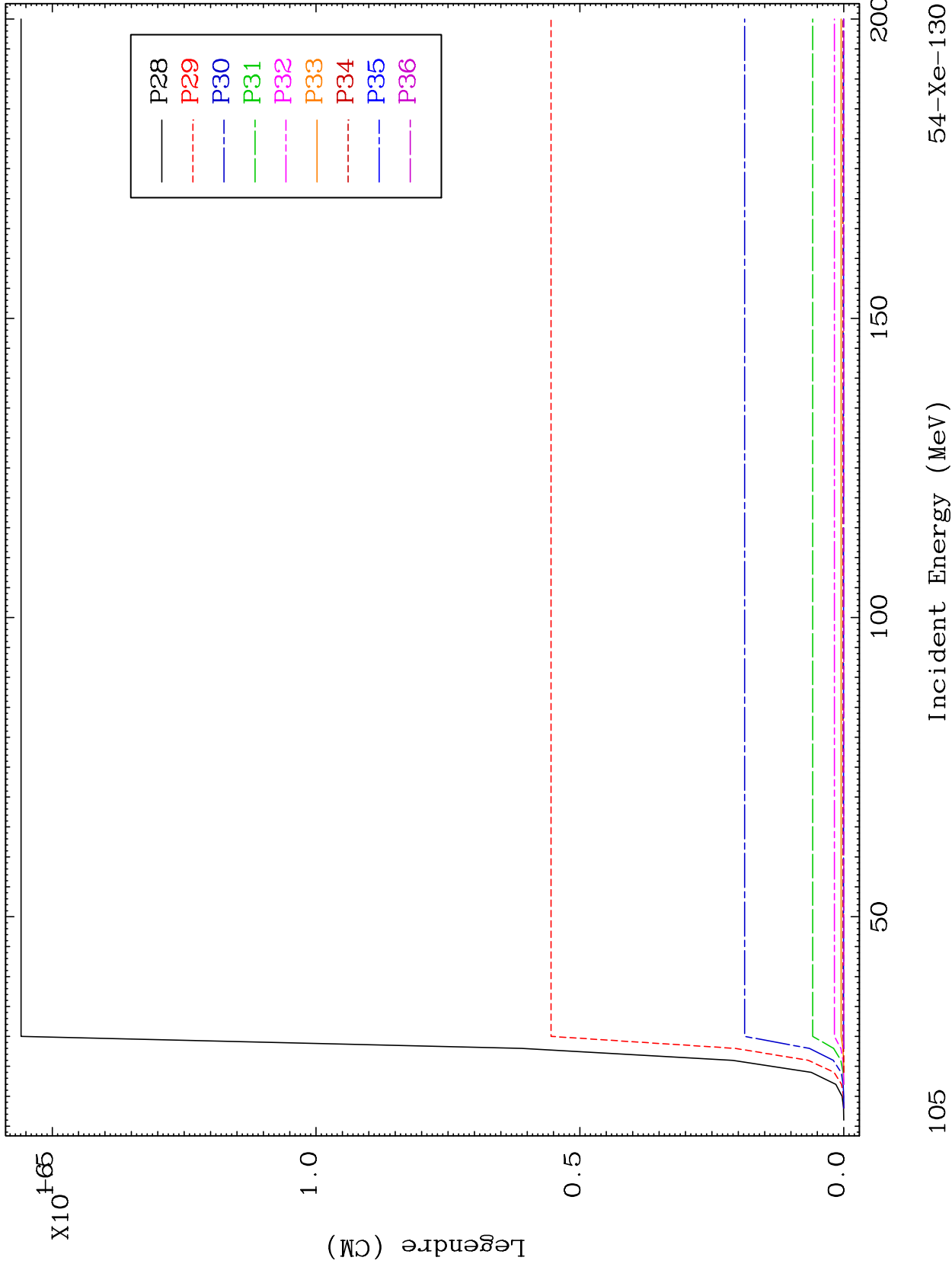


104

MAT 5443

2.386 MeV (n,n') Level  
Legendre Coefficients

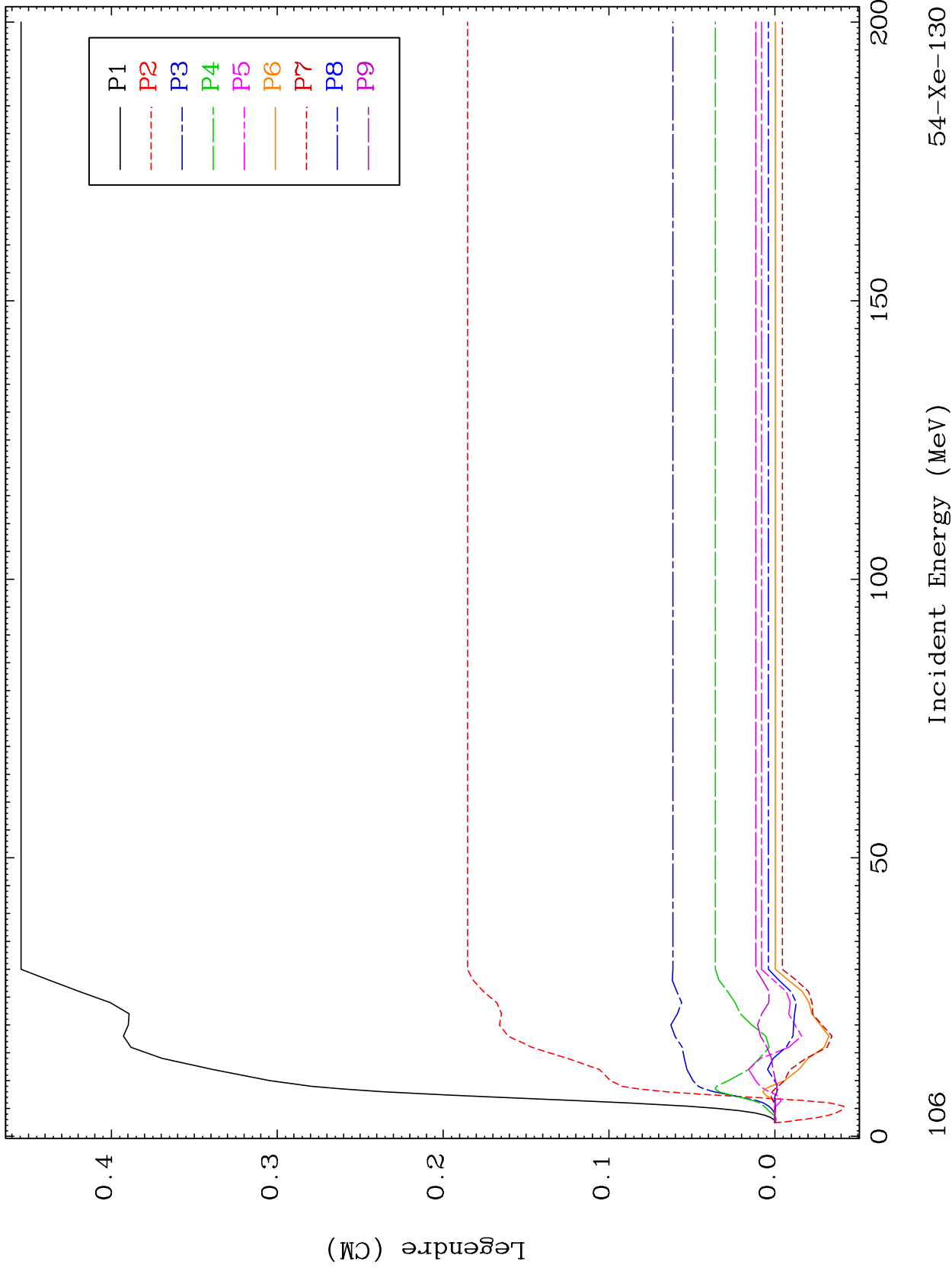
54-Xe-130



MAT 5443

2.427 MeV (n,n') Level  
Legendre Coefficients

54-Xe-130



54-Xe-130

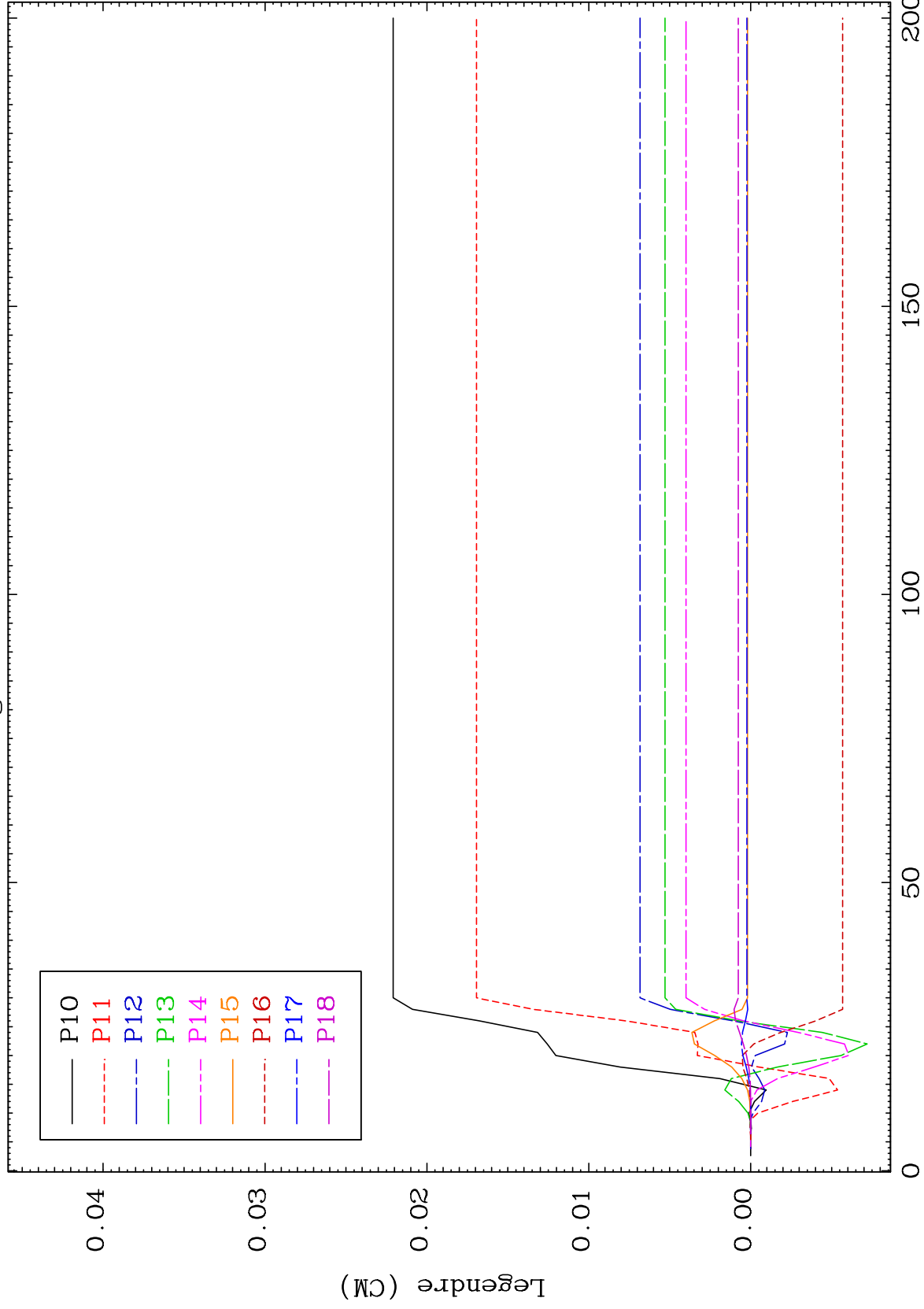
Incident Energy (MeV)

106

MAT 5443

2.427 MeV (n,n') Level  
Legendre Coefficients

54-Xe-130



107

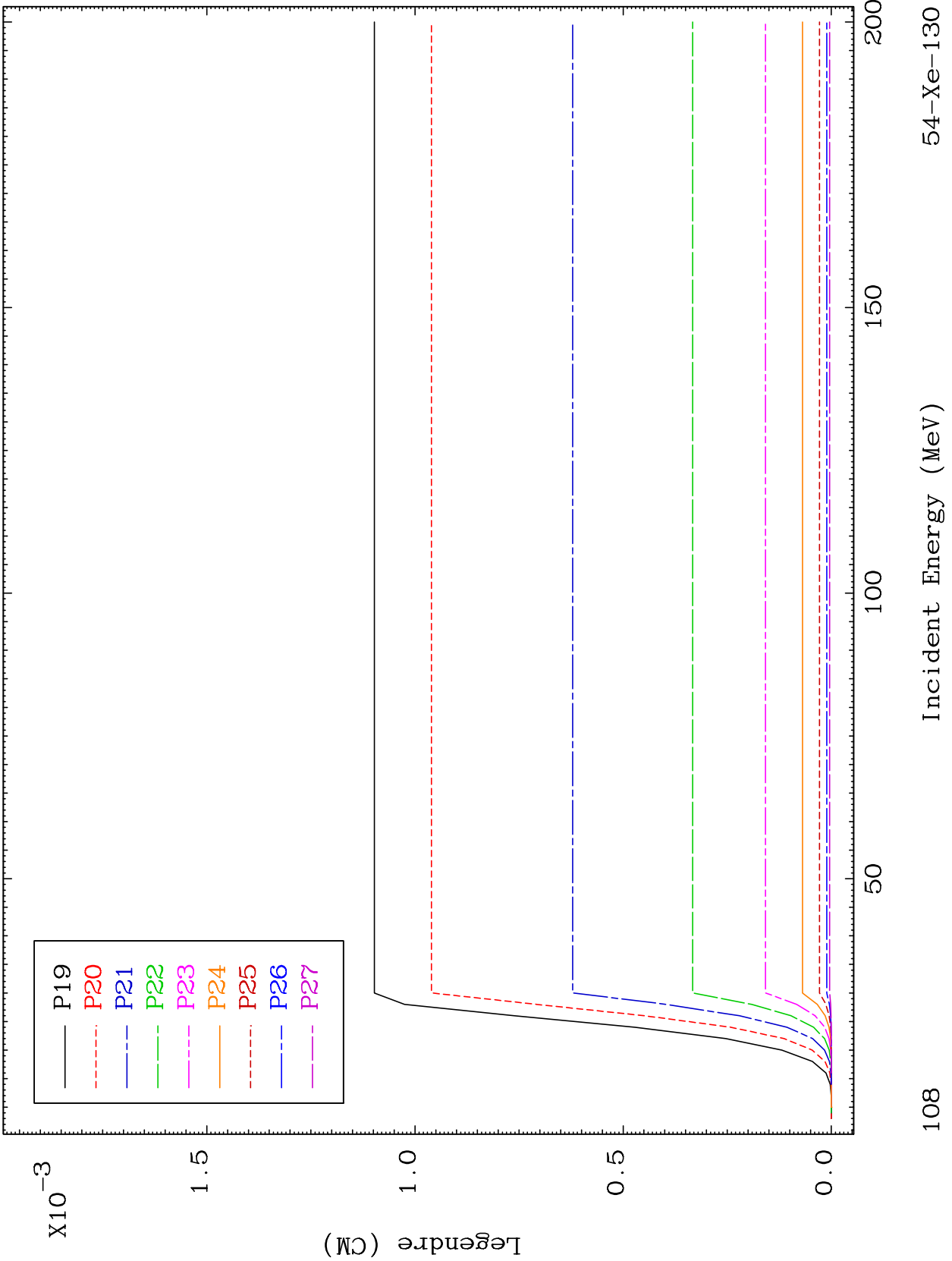
Incident Energy (MeV)

54-Xe-130

MAT 5443

2.427 MeV (n,n') Level  
Legendre Coefficients

54-Xe-130



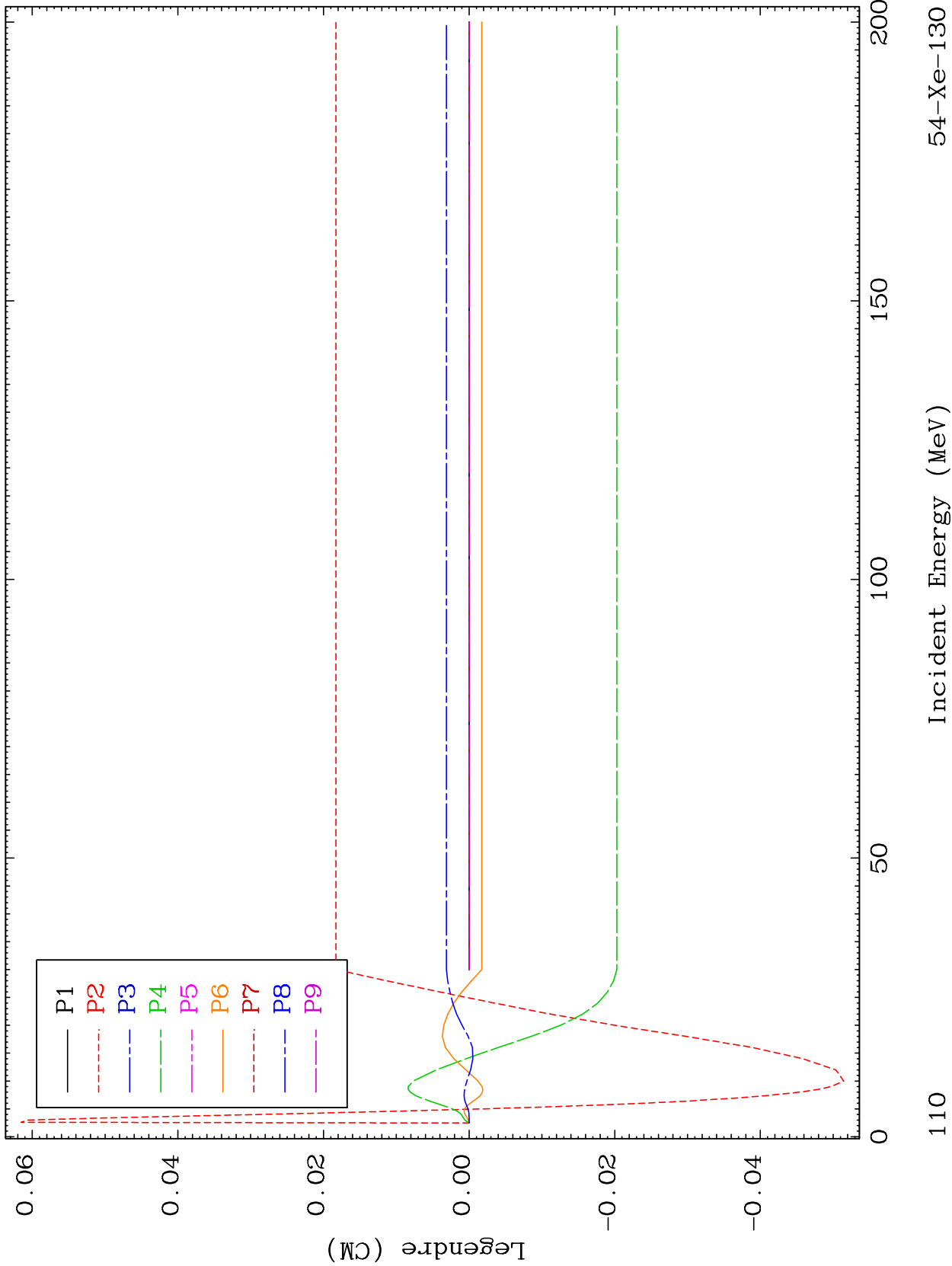
108



MAT 5443

2.442 MeV (n,n') Level  
Legendre Coefficients

54-Xe-130



54-Xe-130

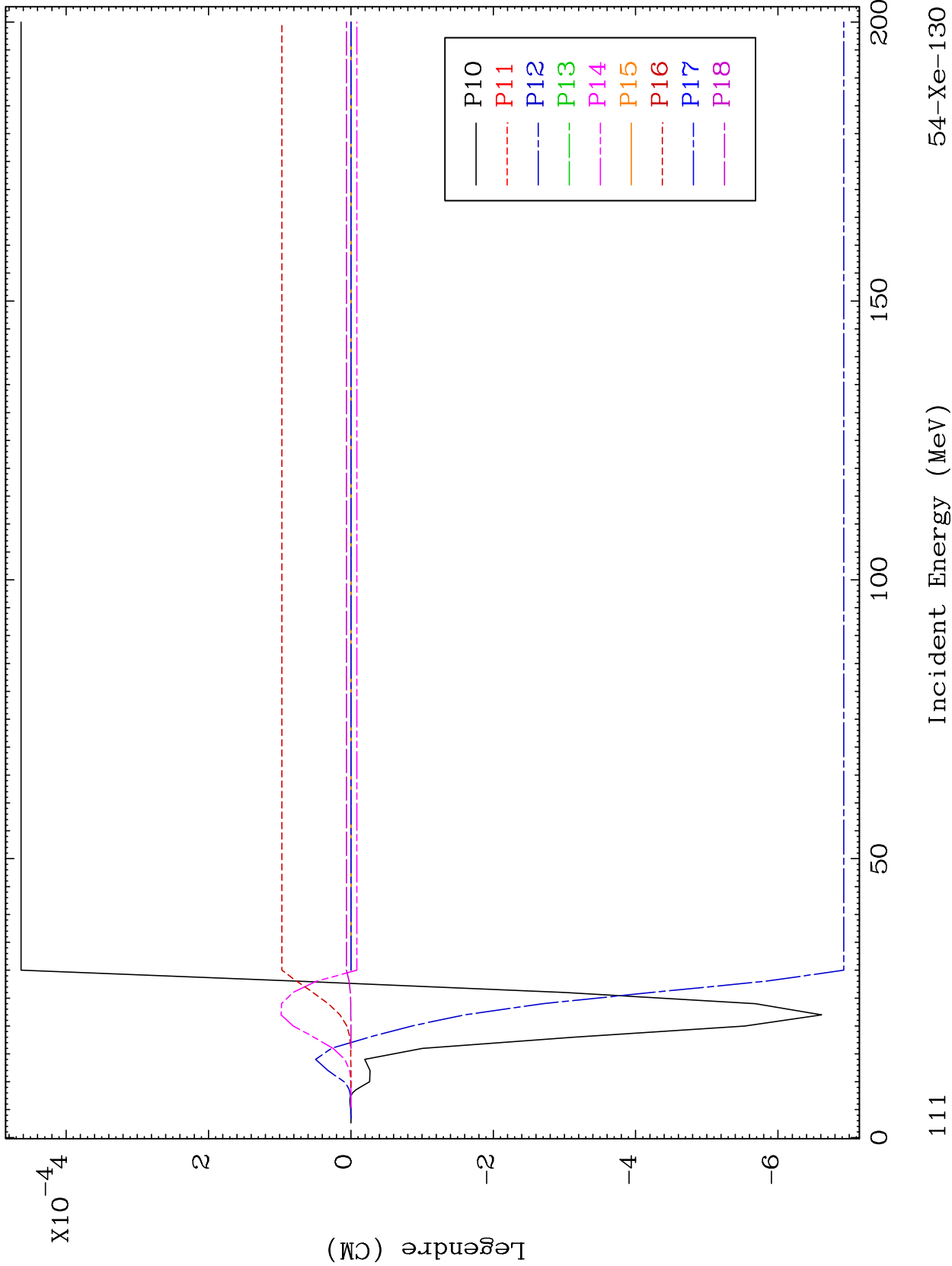
Incident Energy (MeV)

110

MAT 5443

2.442 MeV (n, n') Level  
Legendre Coefficients

54-Xe-130

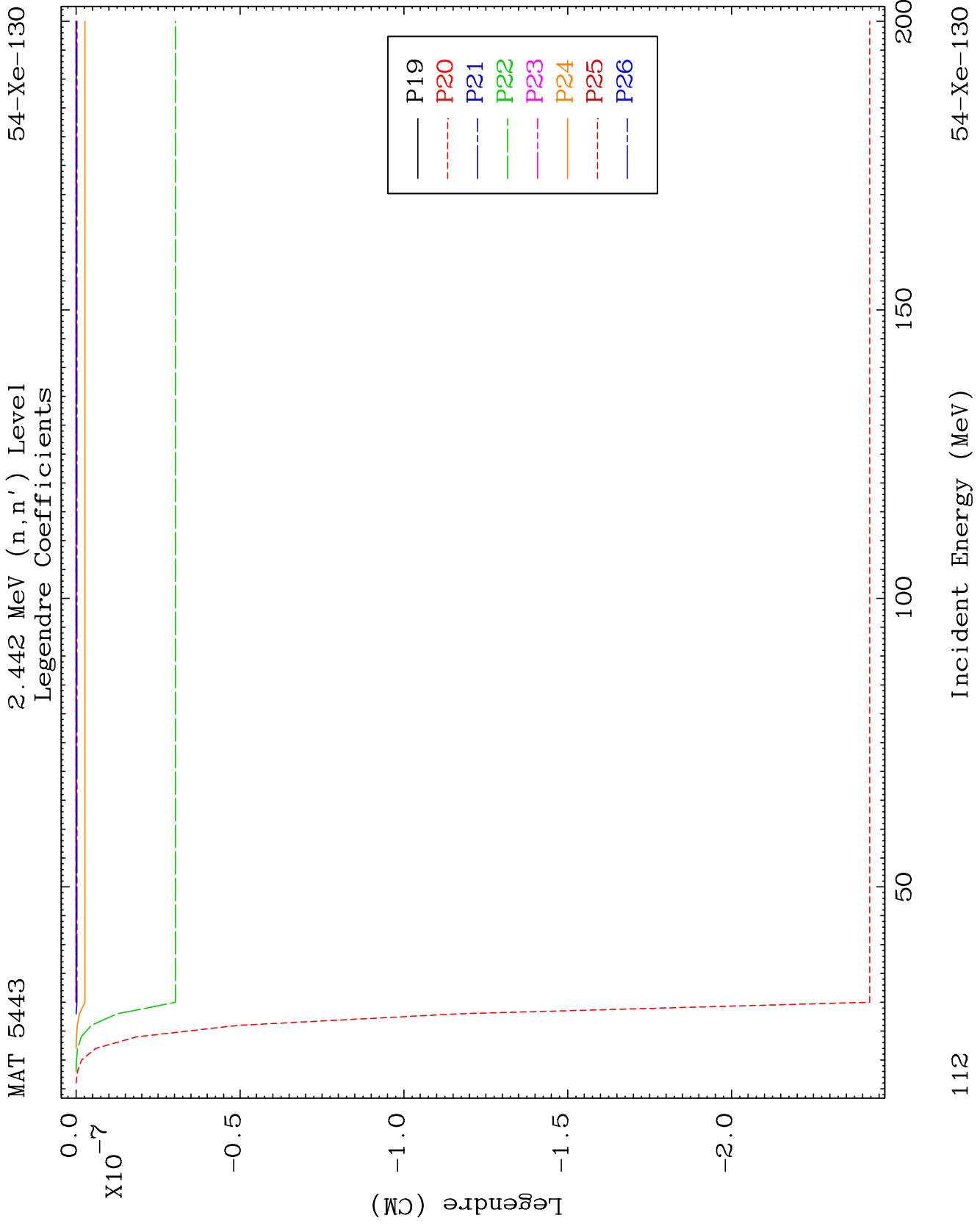


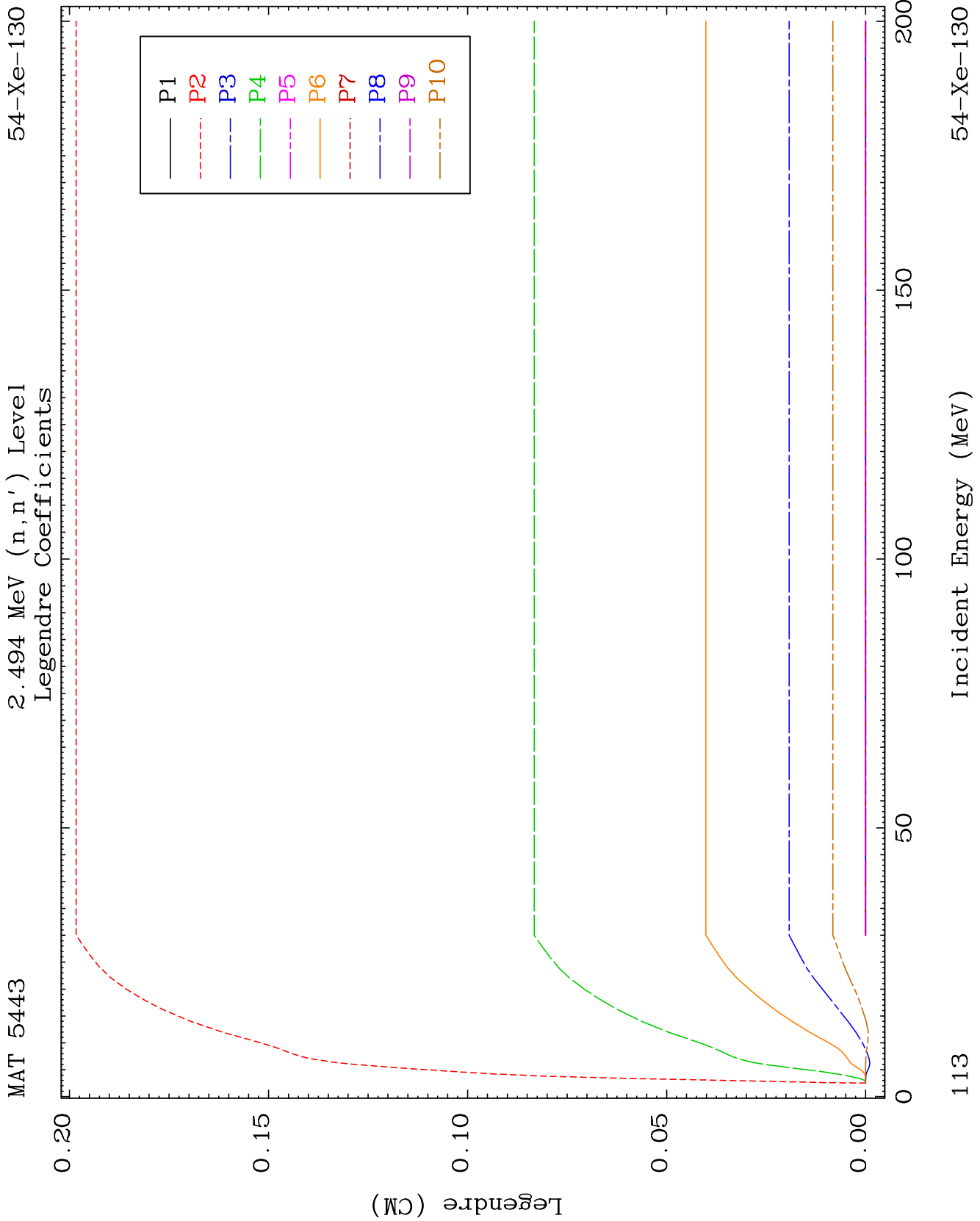
111

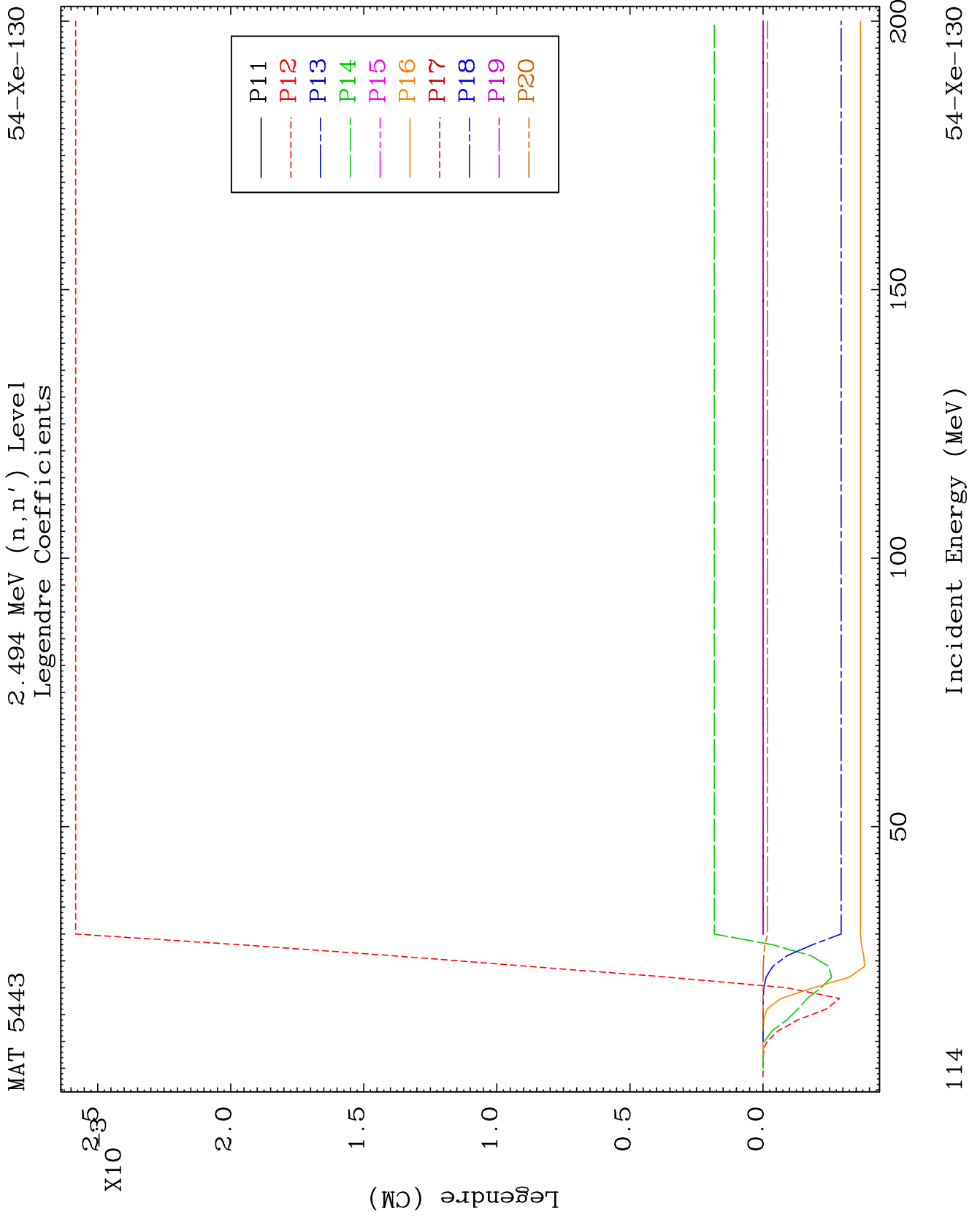
Incident Energy (MeV)

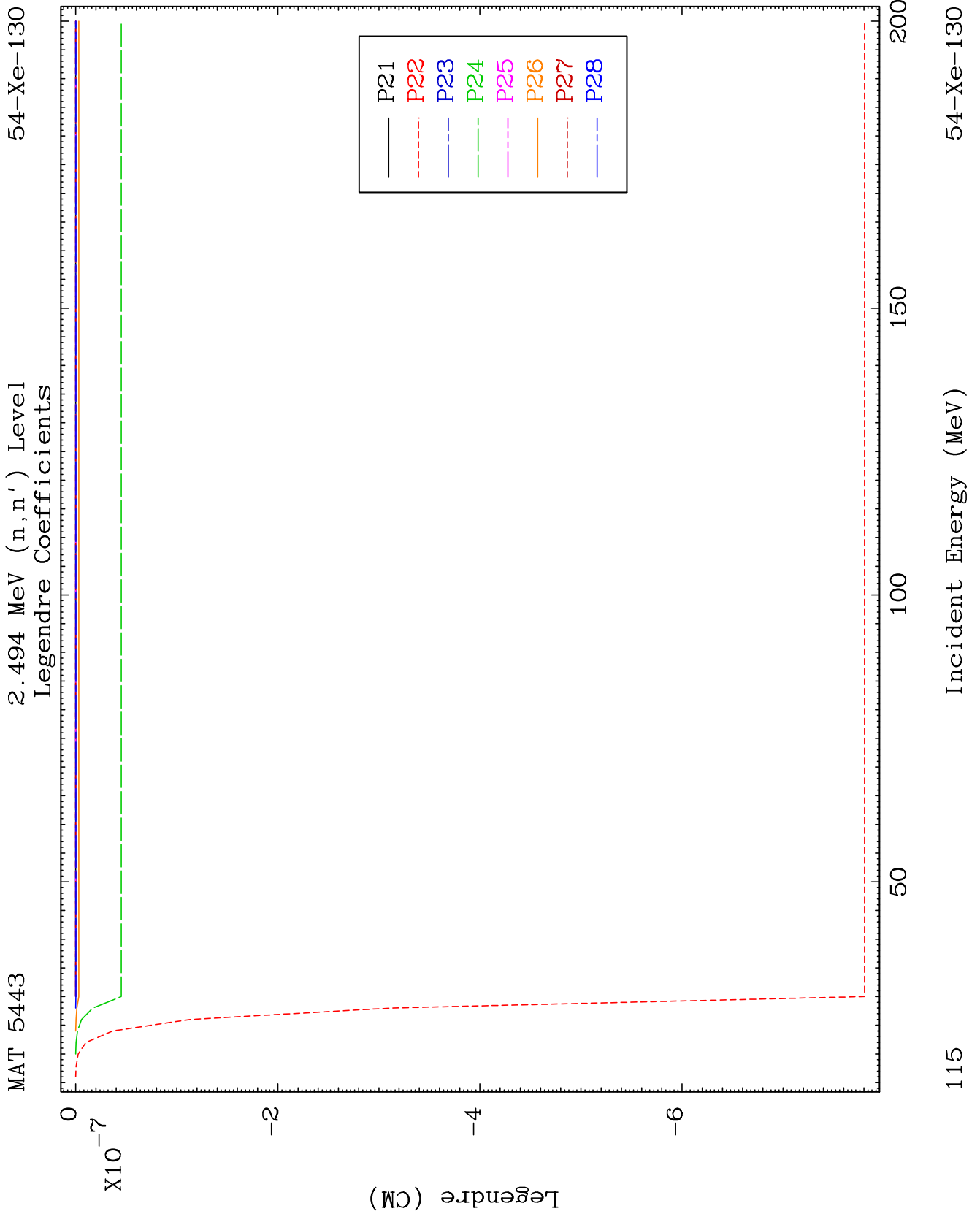
54-Xe-130

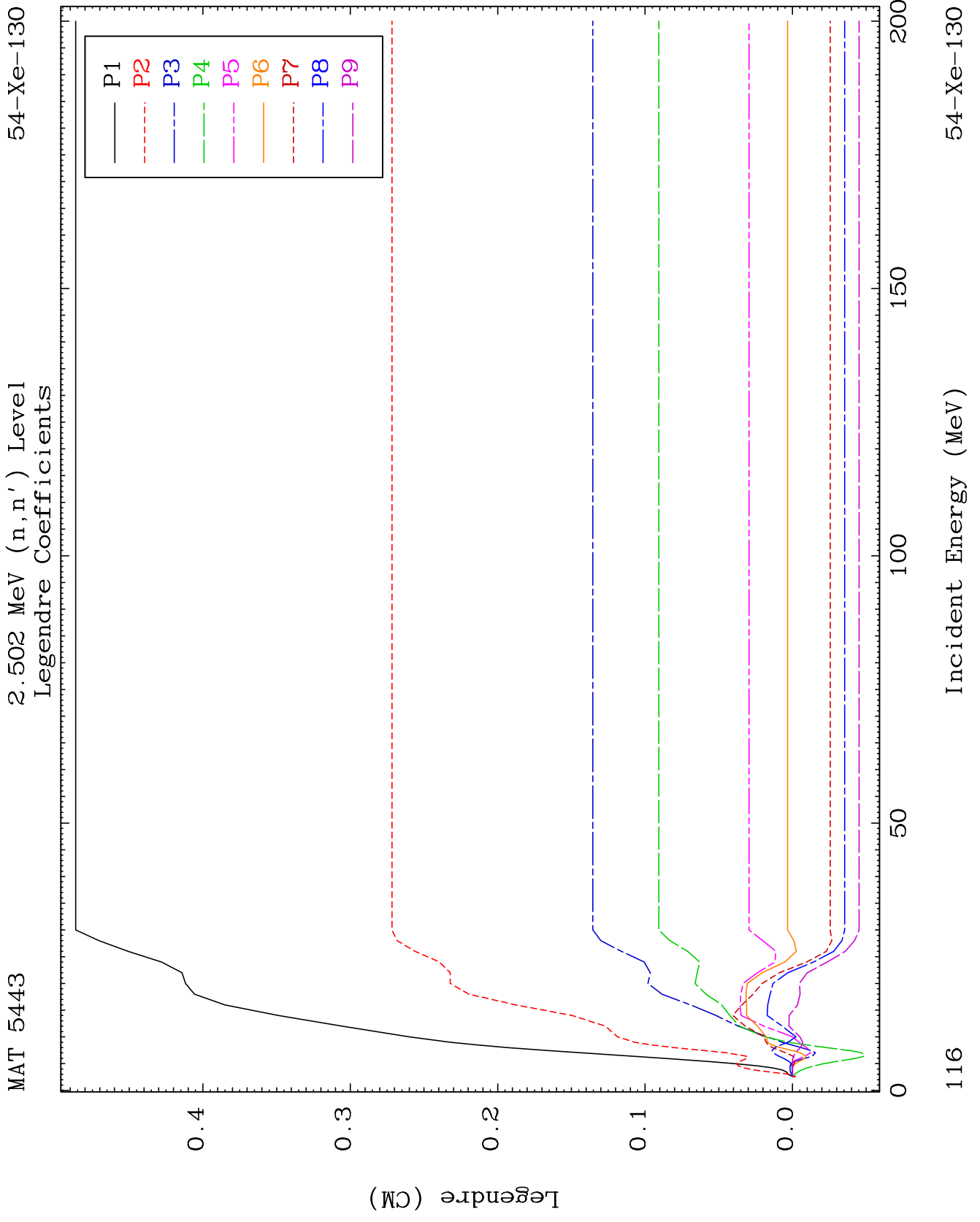










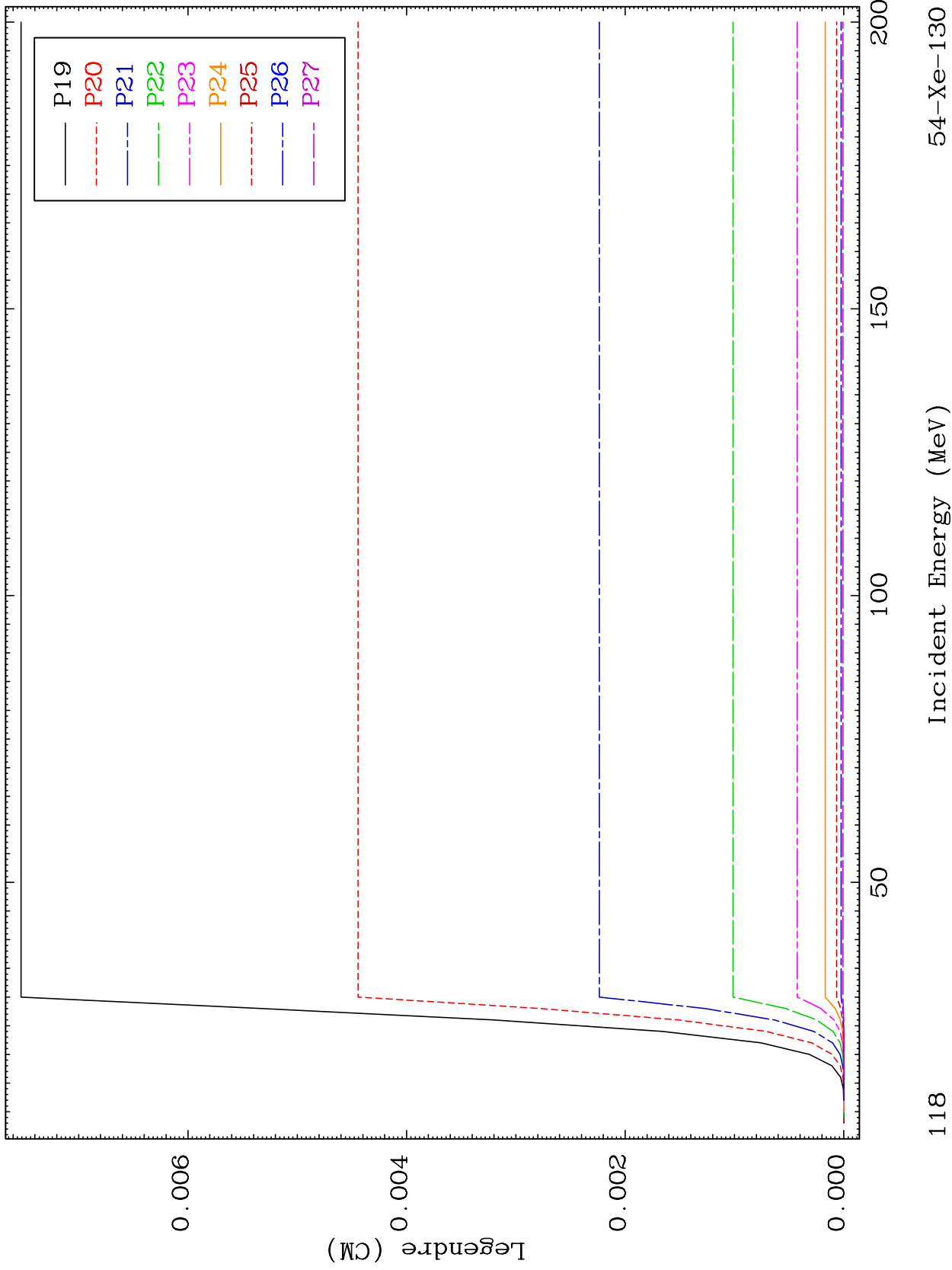




MAT 5443

2.502 MeV (n, n') Level  
Legendre Coefficients

54-Xe-130



118

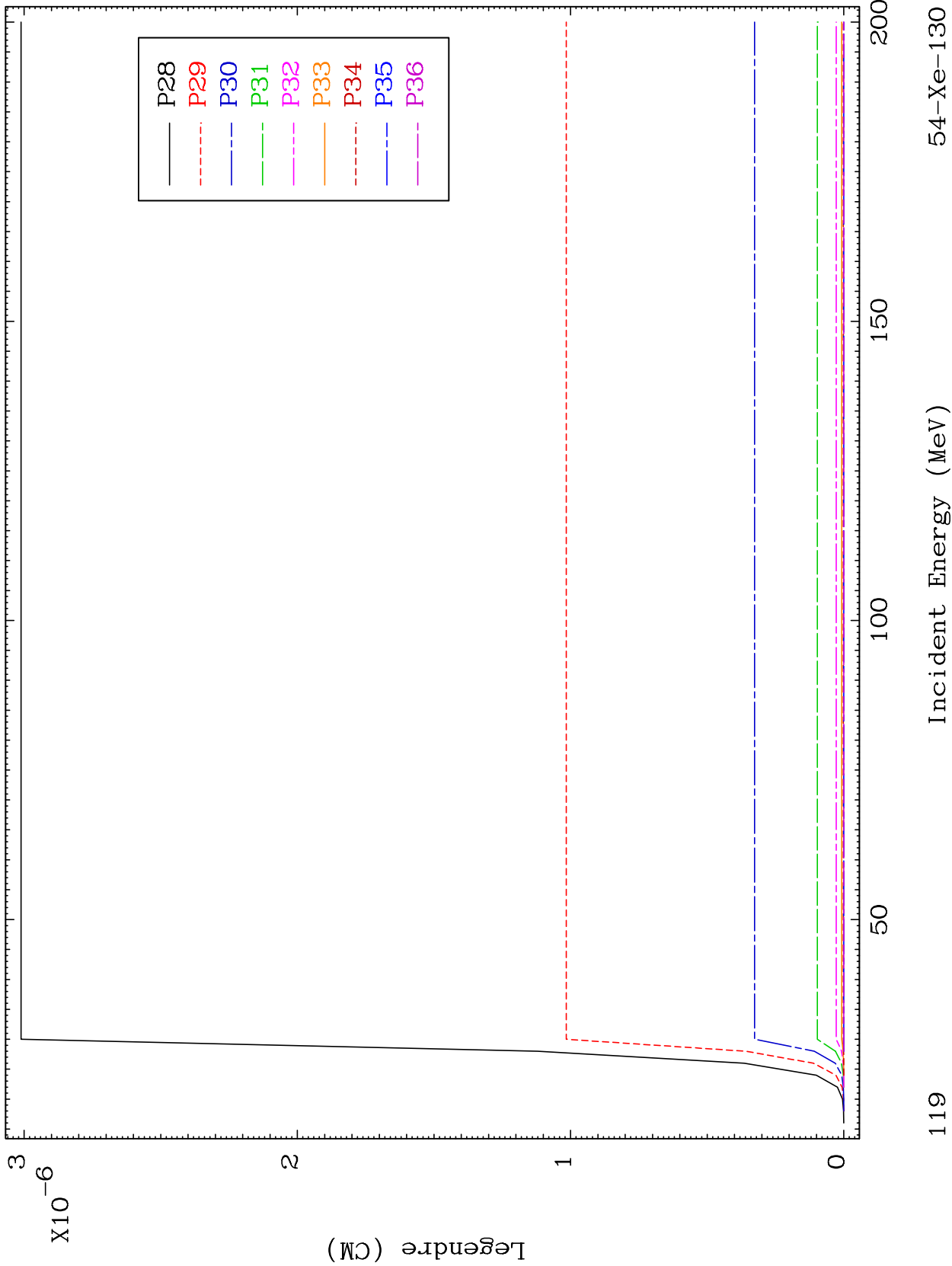
Incident Energy (MeV)

54-Xe-130

MAT 5443

2.502 MeV (n, n') Level  
Legendre Coefficients

54-Xe-130



119

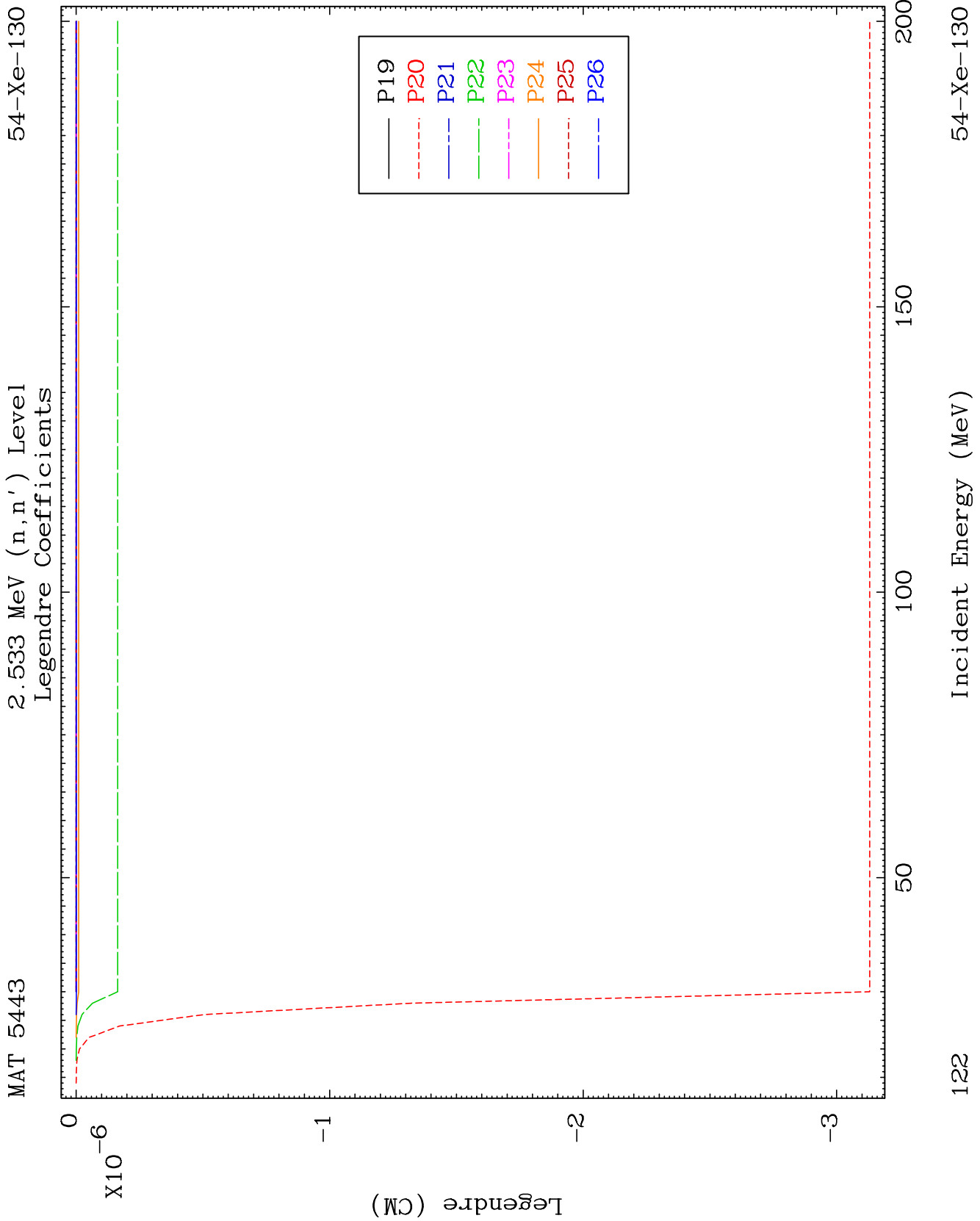
Incident Energy (MeV)

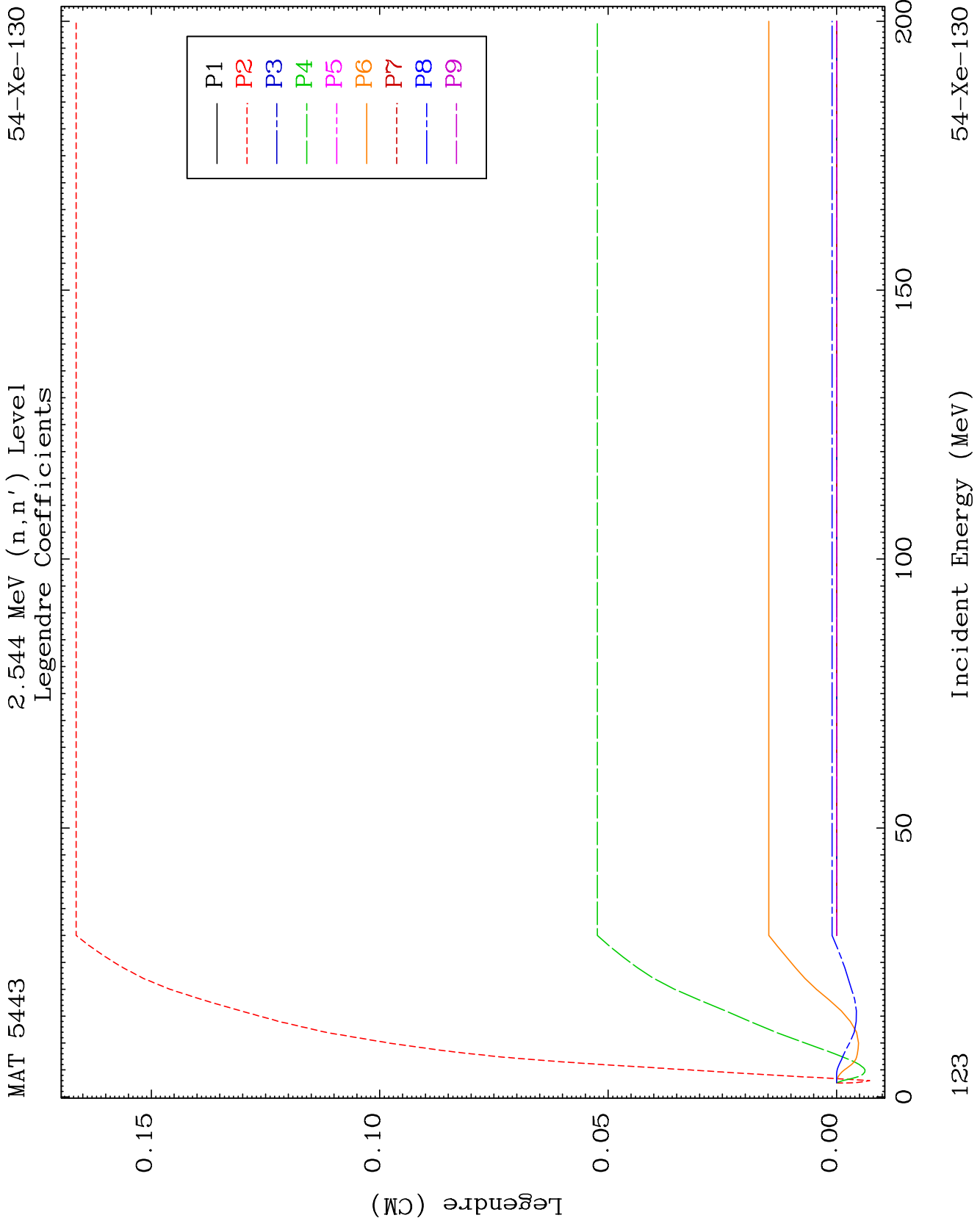
54-Xe-130

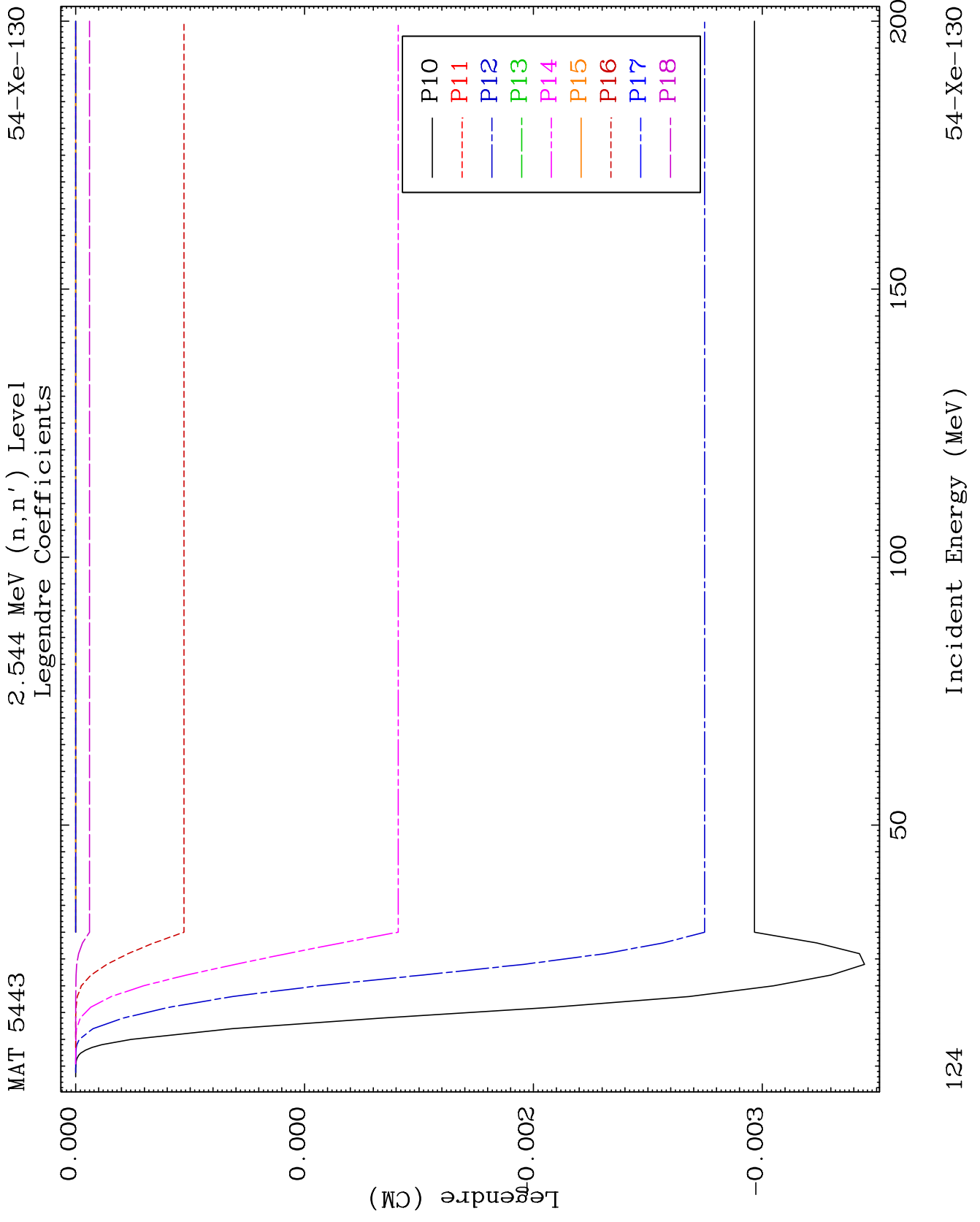




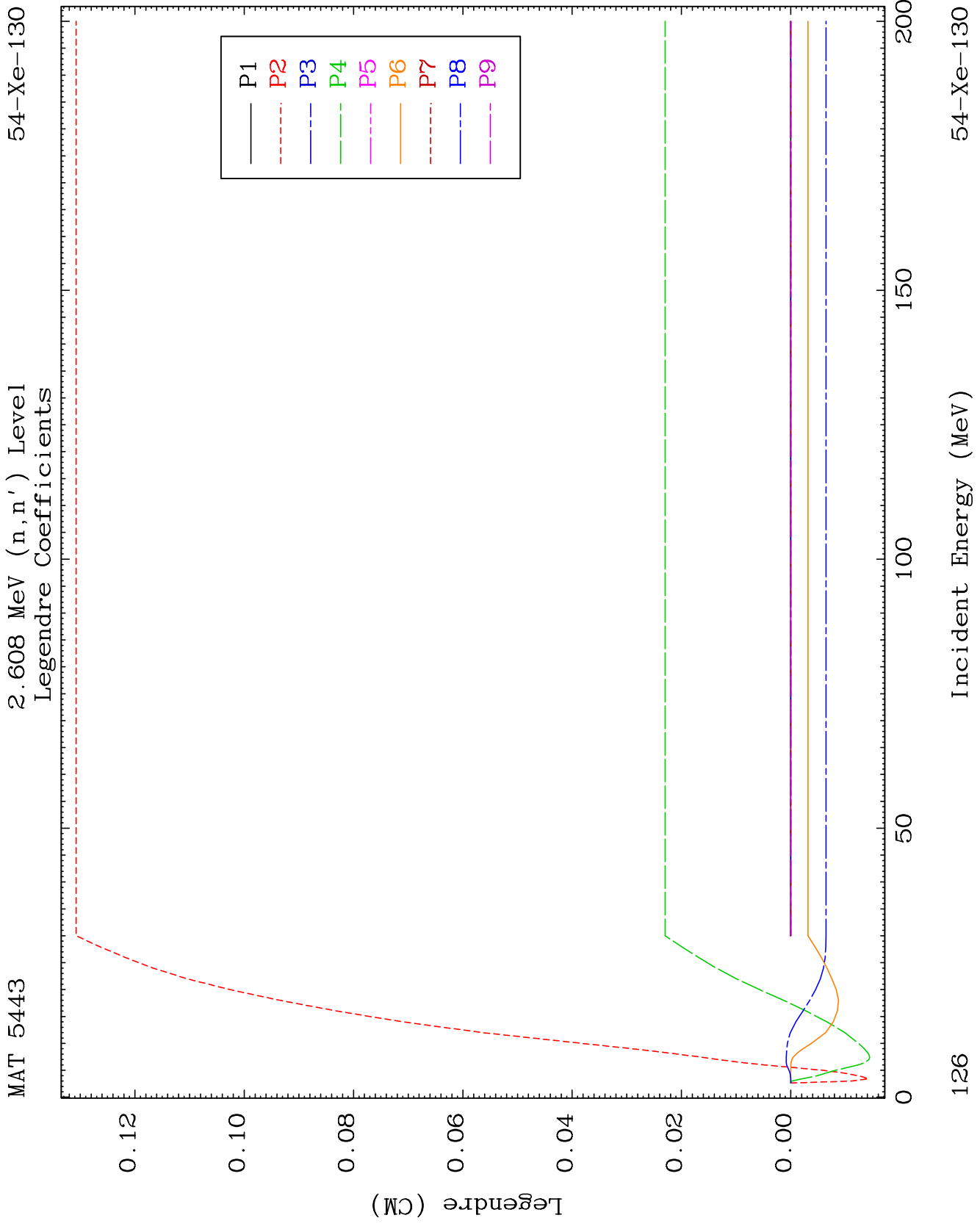








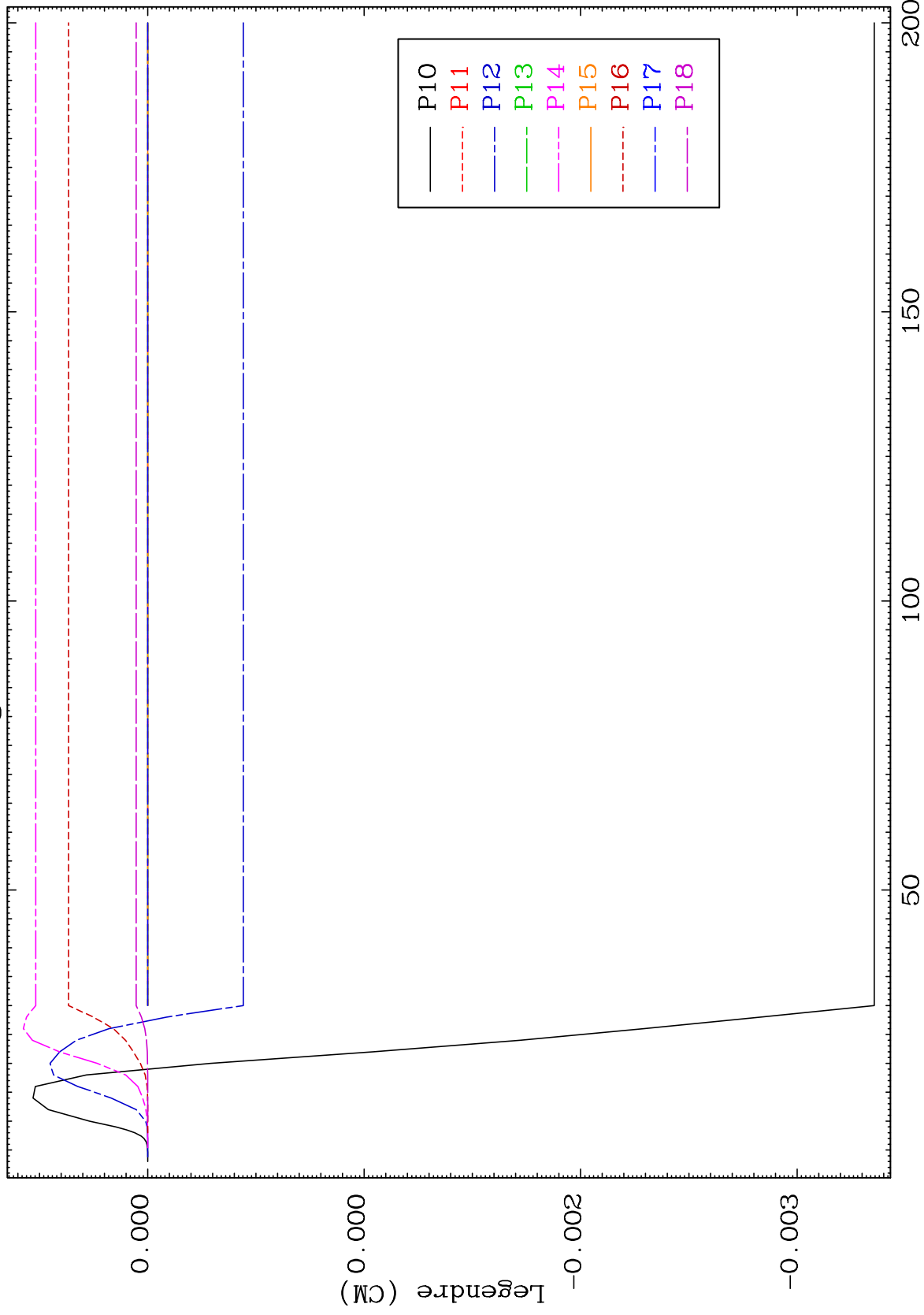




MAT 5443

2.608 MeV (n,n') Level  
Legendre Coefficients

54-Xe-130

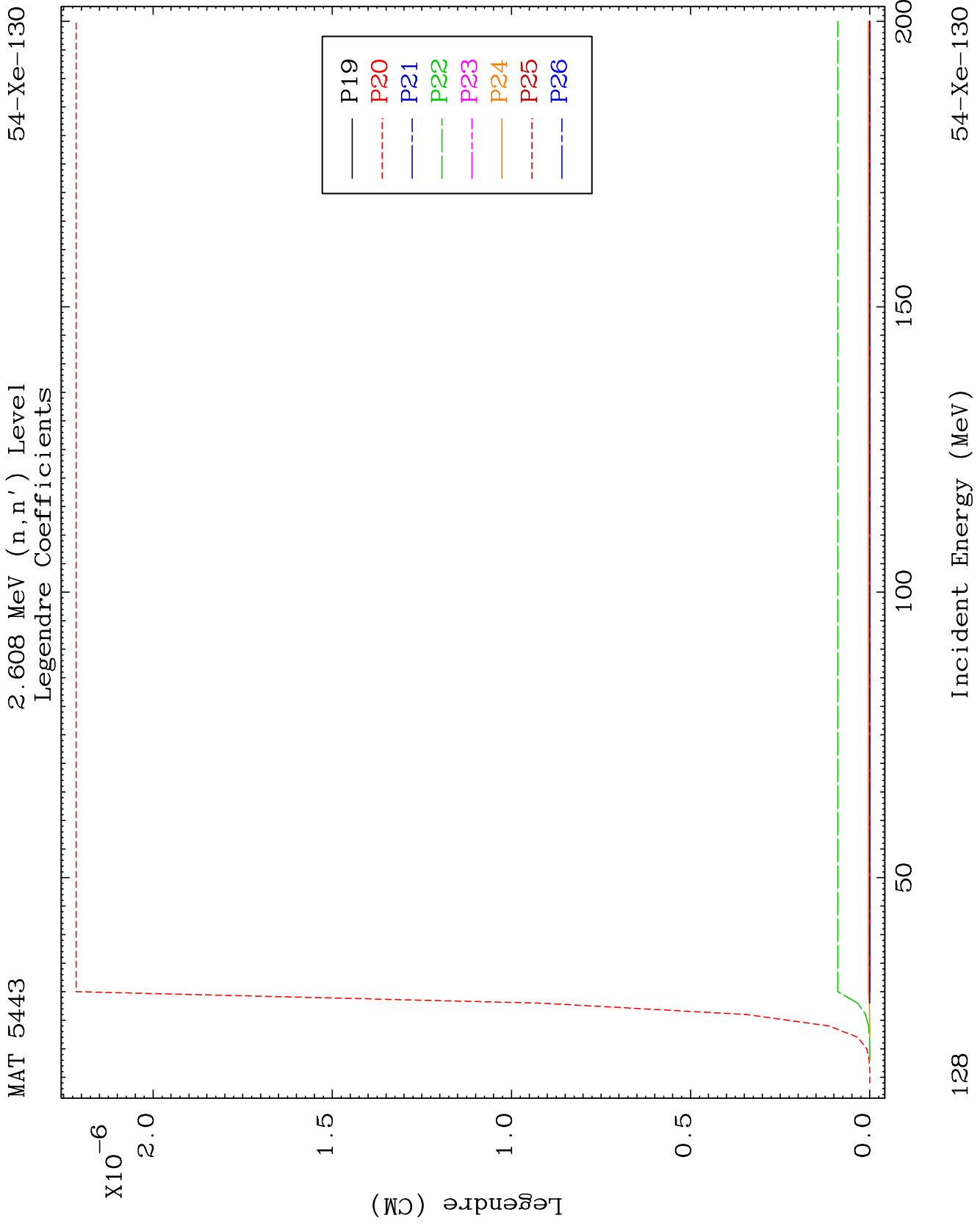


127

Incident Energy (MeV)

54-Xe-130

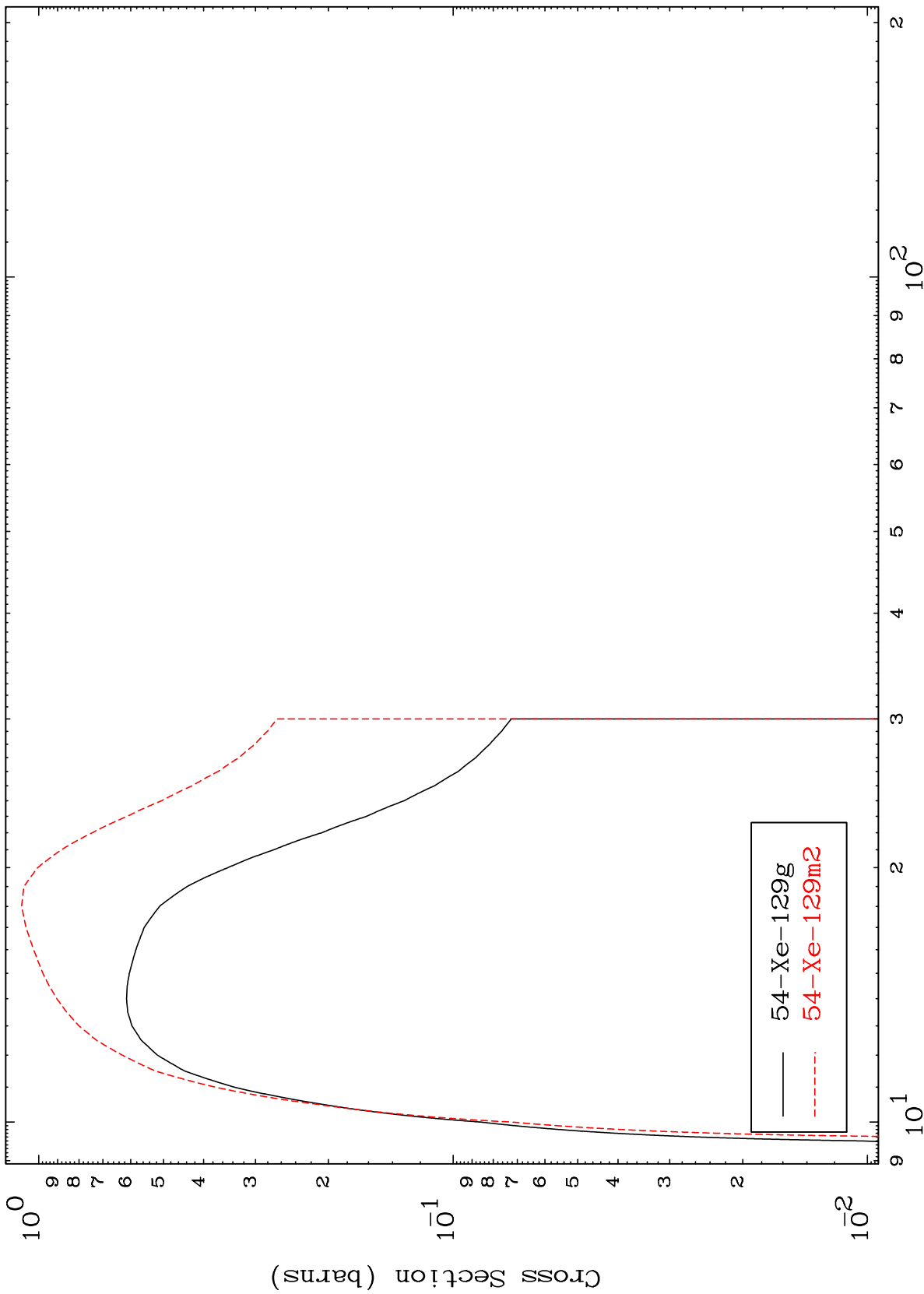




MAT 5443

54-Xe-130

(n,2n)  
Radionuclide Production Cross Section



54-Xe-130

Incident Energy (MeV)

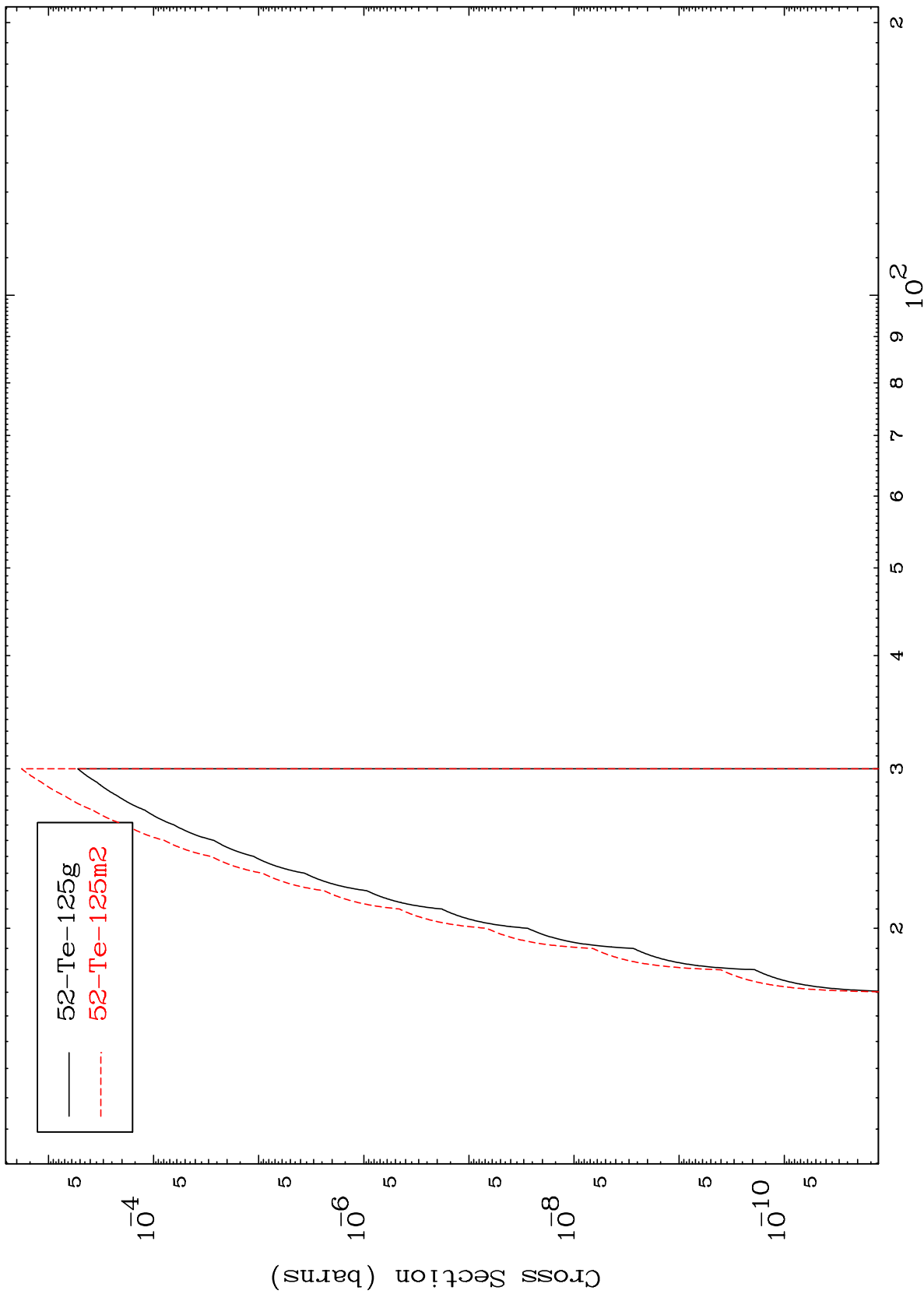
129

MAT 5443

(n,2n)  $\alpha$

54-Xe-130

Radionuclide Production Cross Section



130

Incident Energy (MeV)

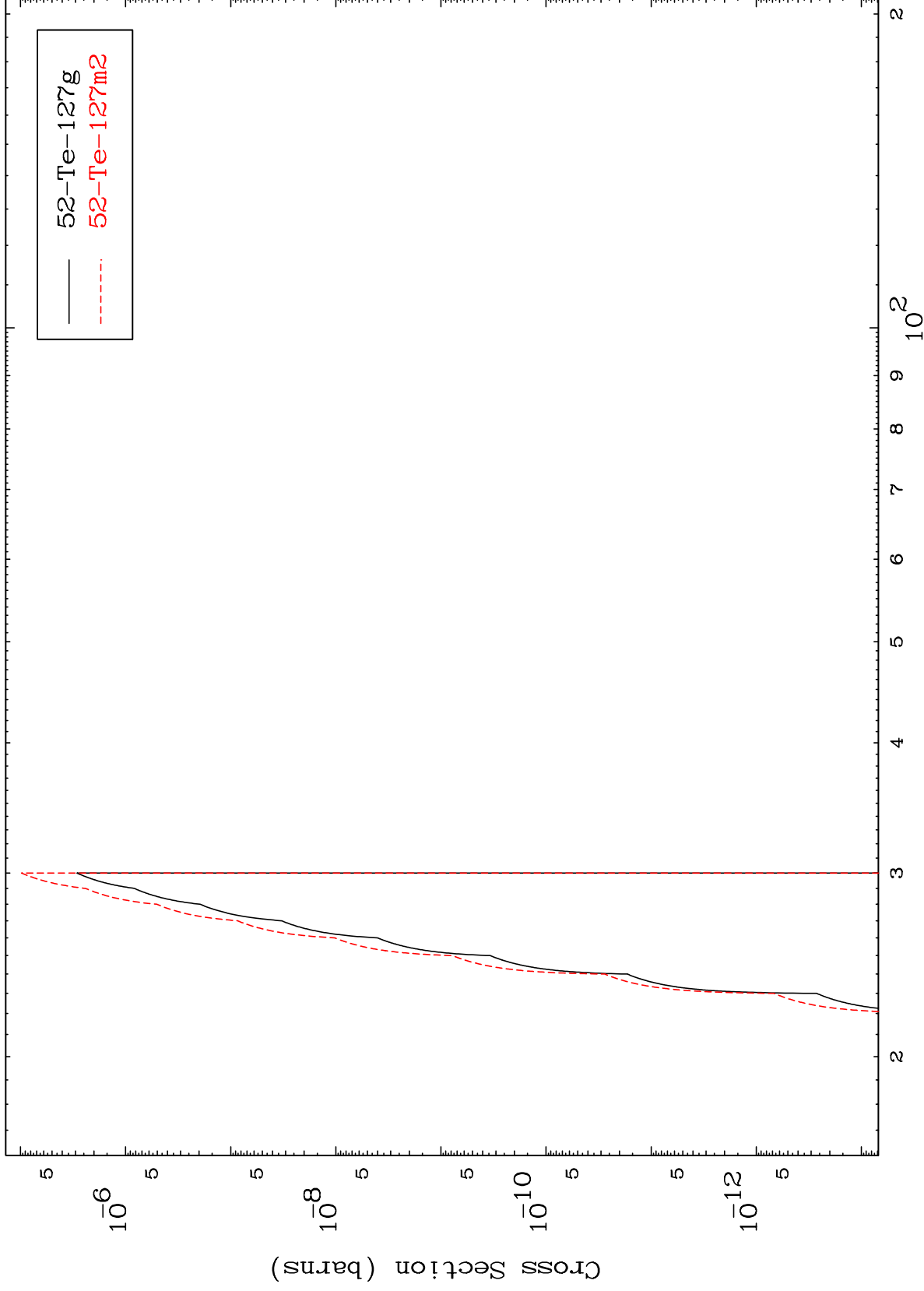
54-Xe-130

MAT 5443

(n,n') He-3

54-Xe-130

Radionuclide Production Cross Section



131

Incident Energy (MeV)

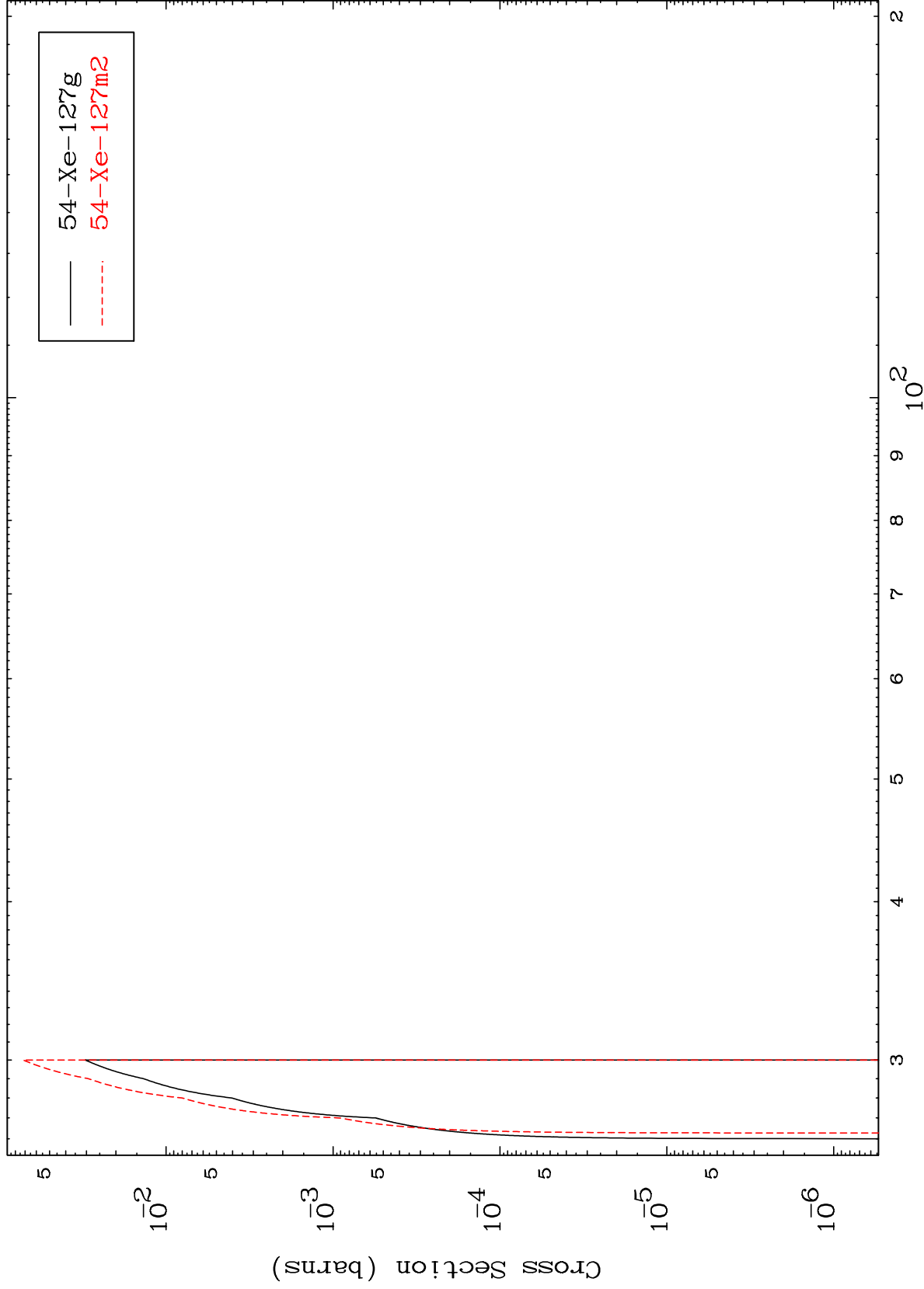
54-Xe-130

MAT 5443

(n,4n)

54-Xe-130

Radionuclide Production Cross Section



132

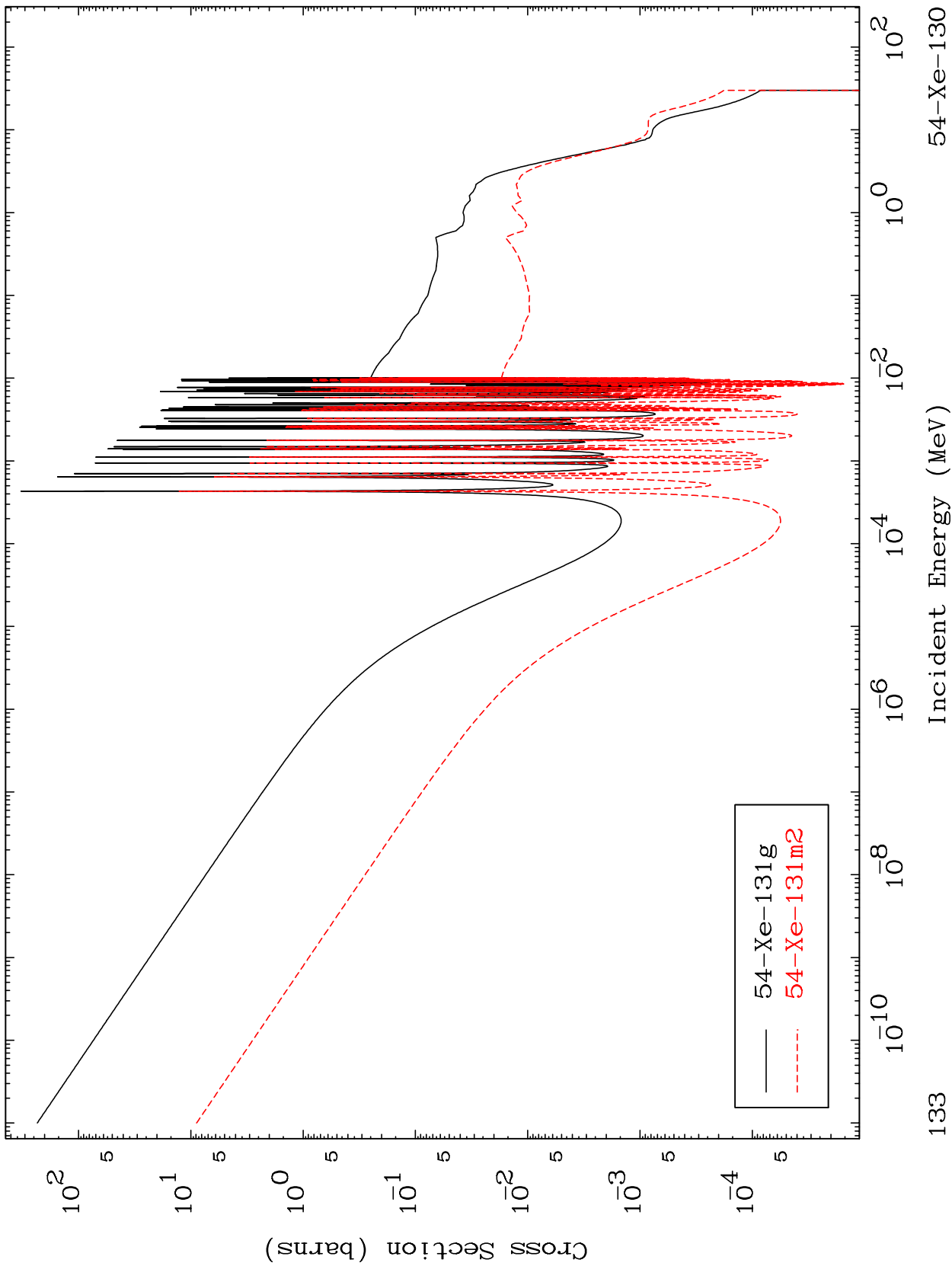
Incident Energy (MeV)

54-Xe-130

MAT 5443

54-Xe-130

$(n, \gamma)$   
Radionuclide Production Cross Section



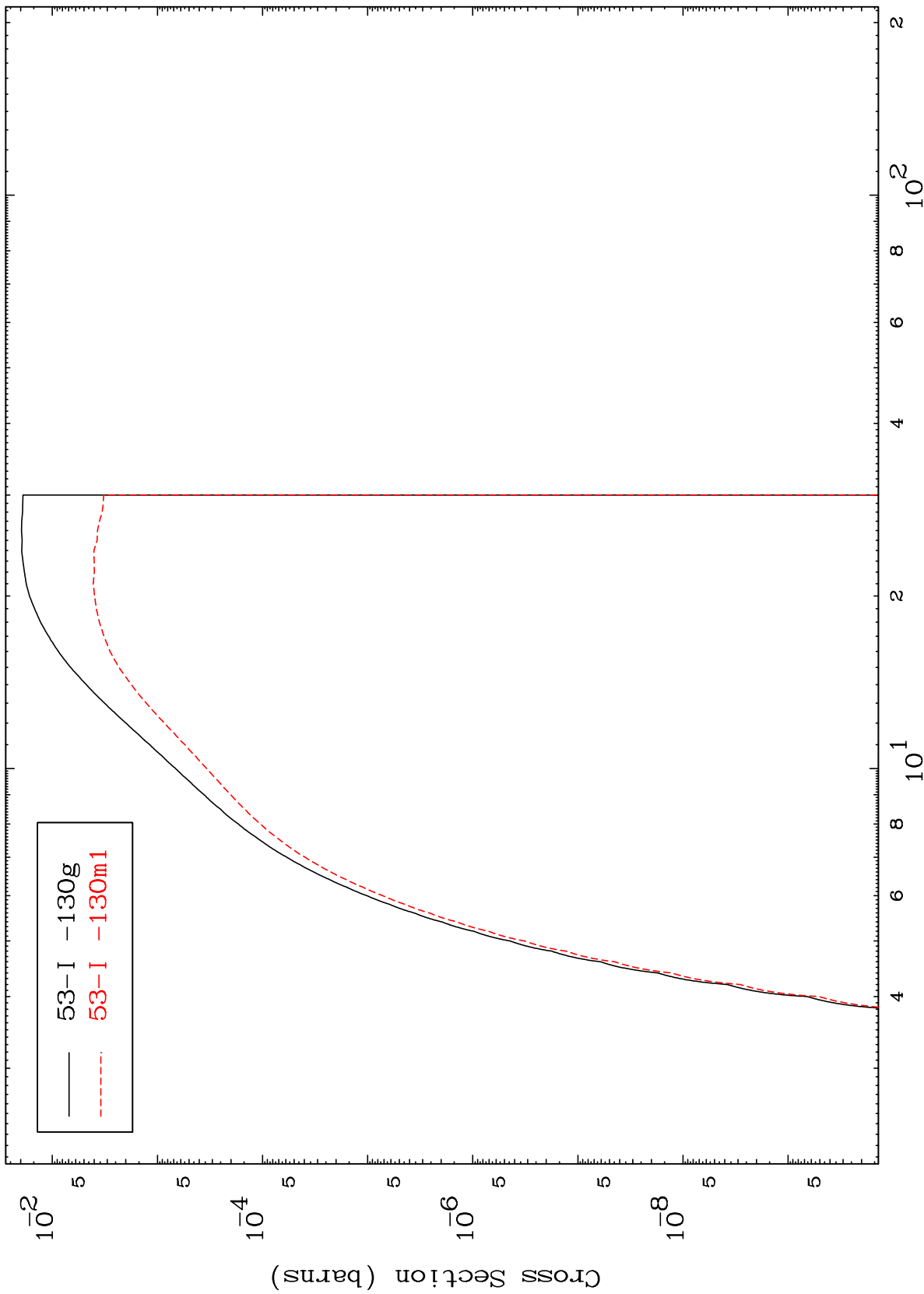
133

54-Xe-130

MAT 5443

54-Xe-130

(n,p)  
Radionuclide Production Cross Section



134

54-Xe-130

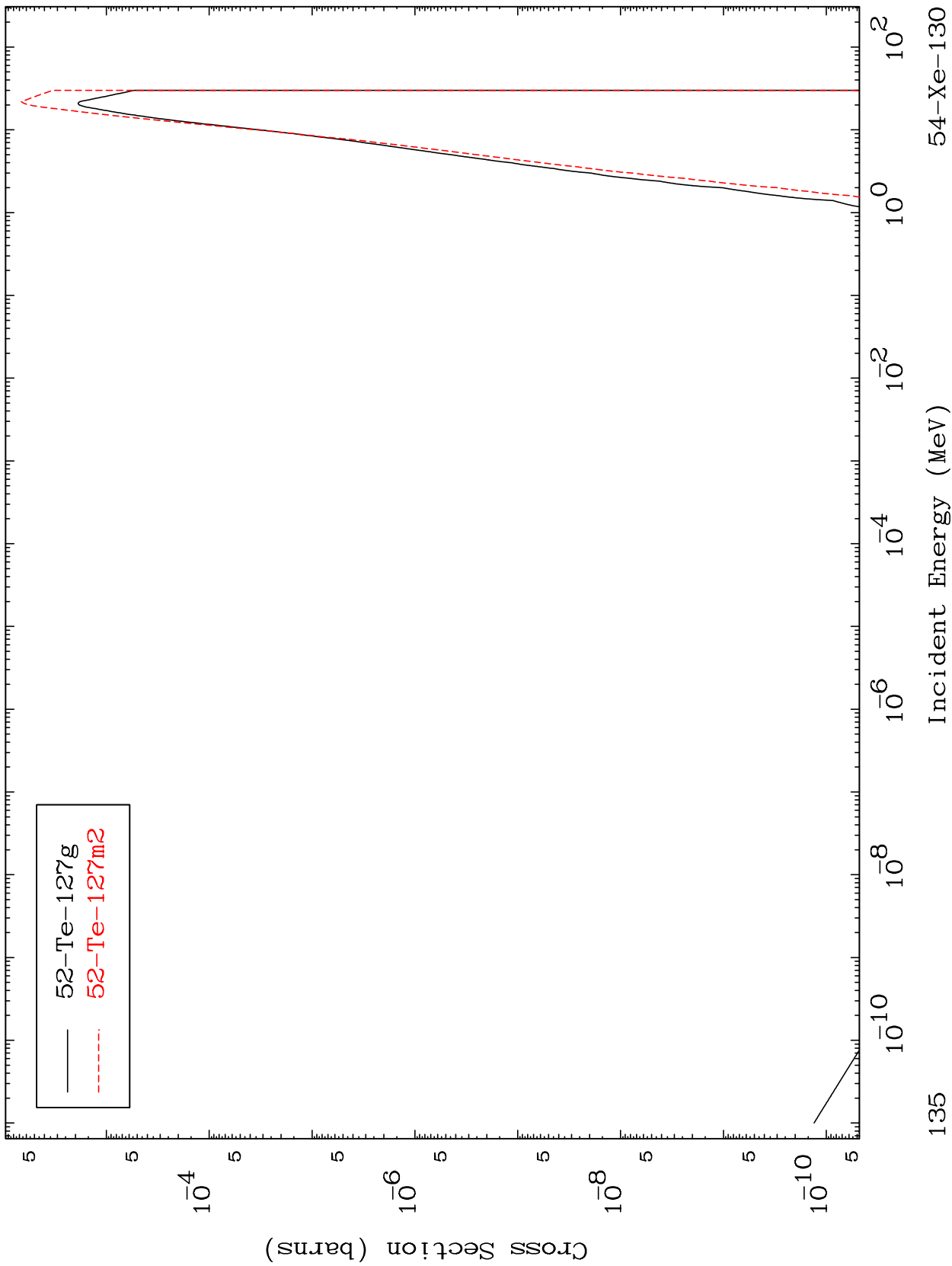
Incident Energy (MeV)

MAT 5443

(n,  $\alpha$ )

54-Xe-130

Radionuclide Production Cross Section



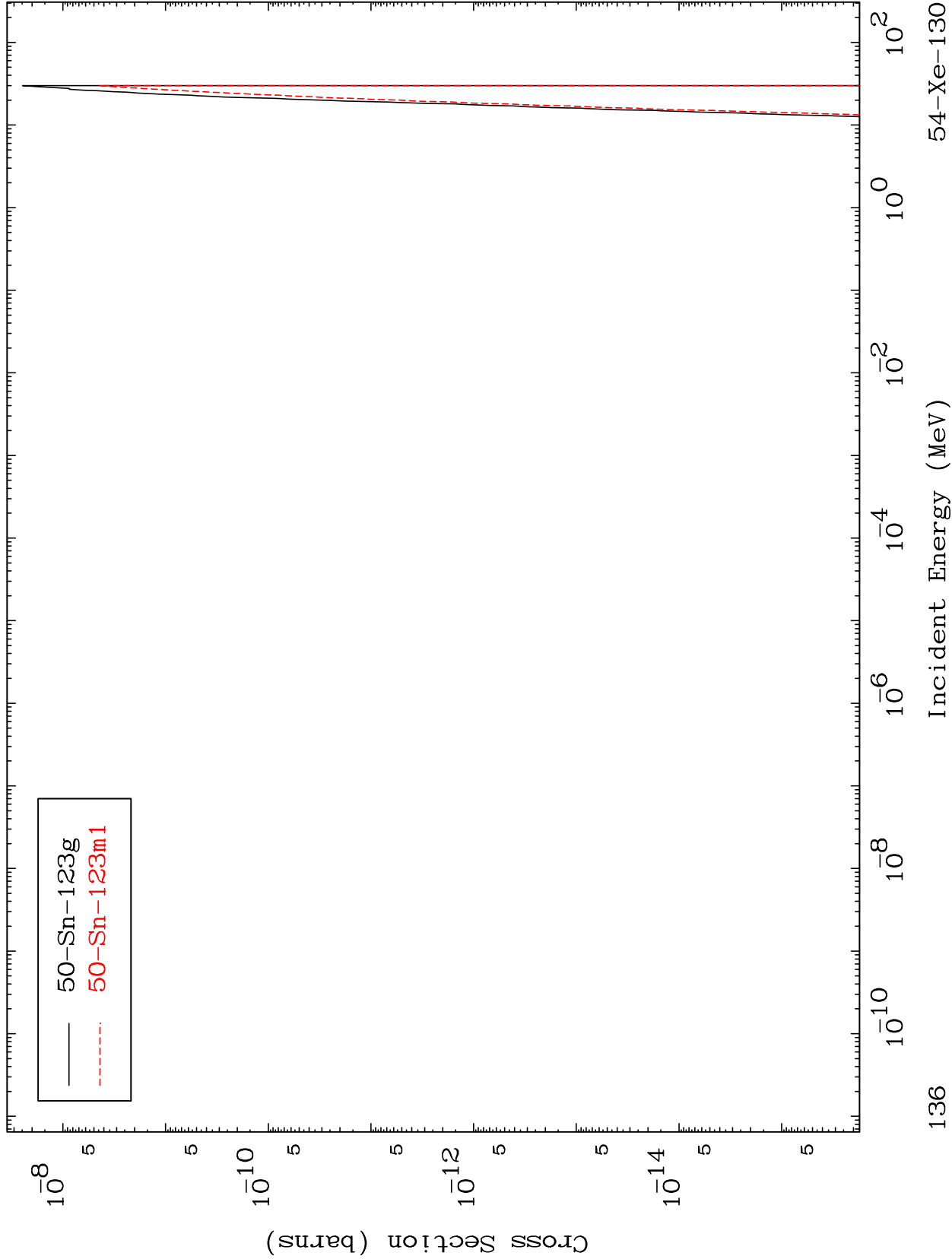


MAT 5443

(n,2α)

54-Xe-130

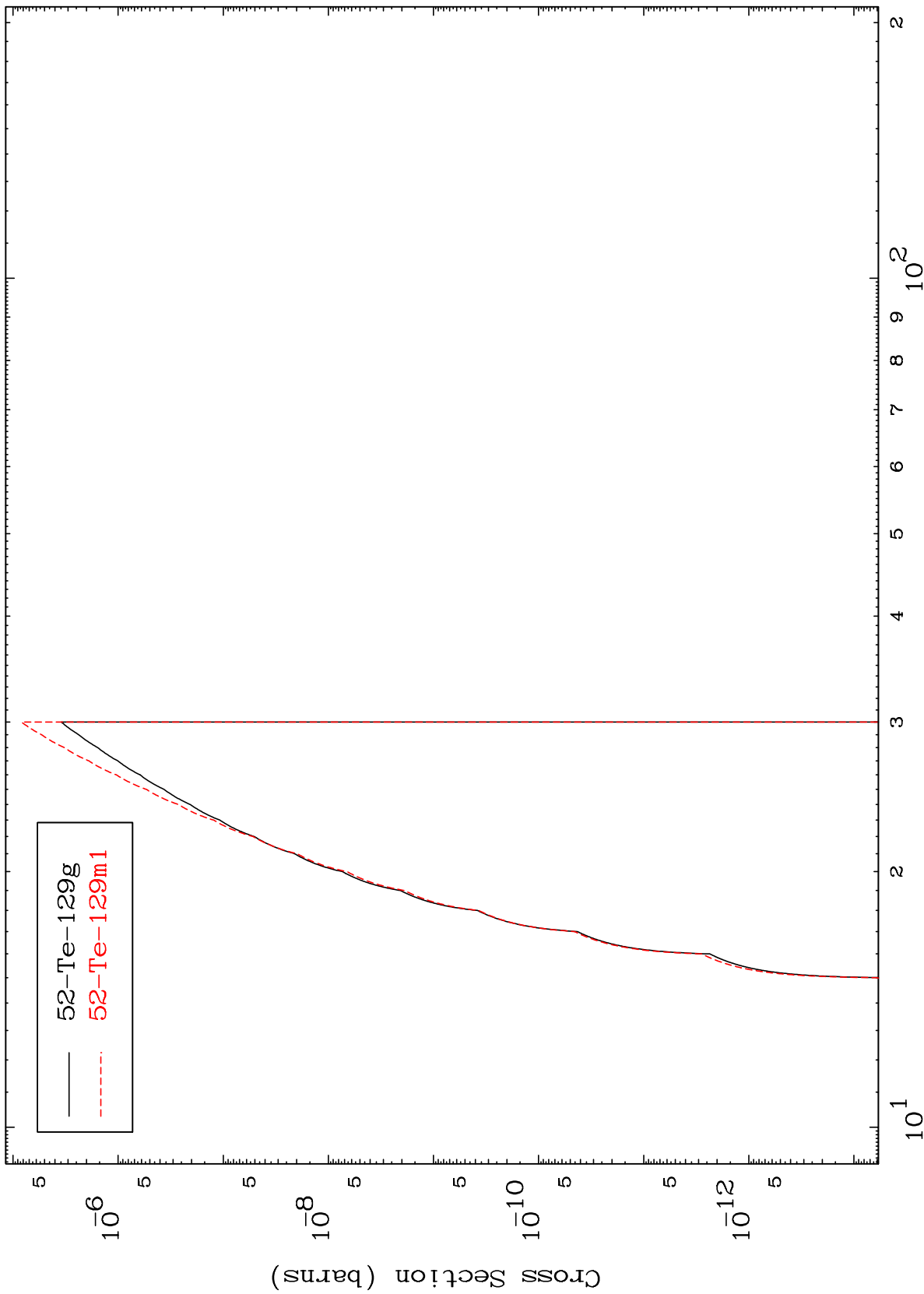
Radionuclide Production Cross Section



MAT 5443

54-Xe-130

(n,2p)  
Radionuclide Production Cross Section



137

Incident Energy (MeV)

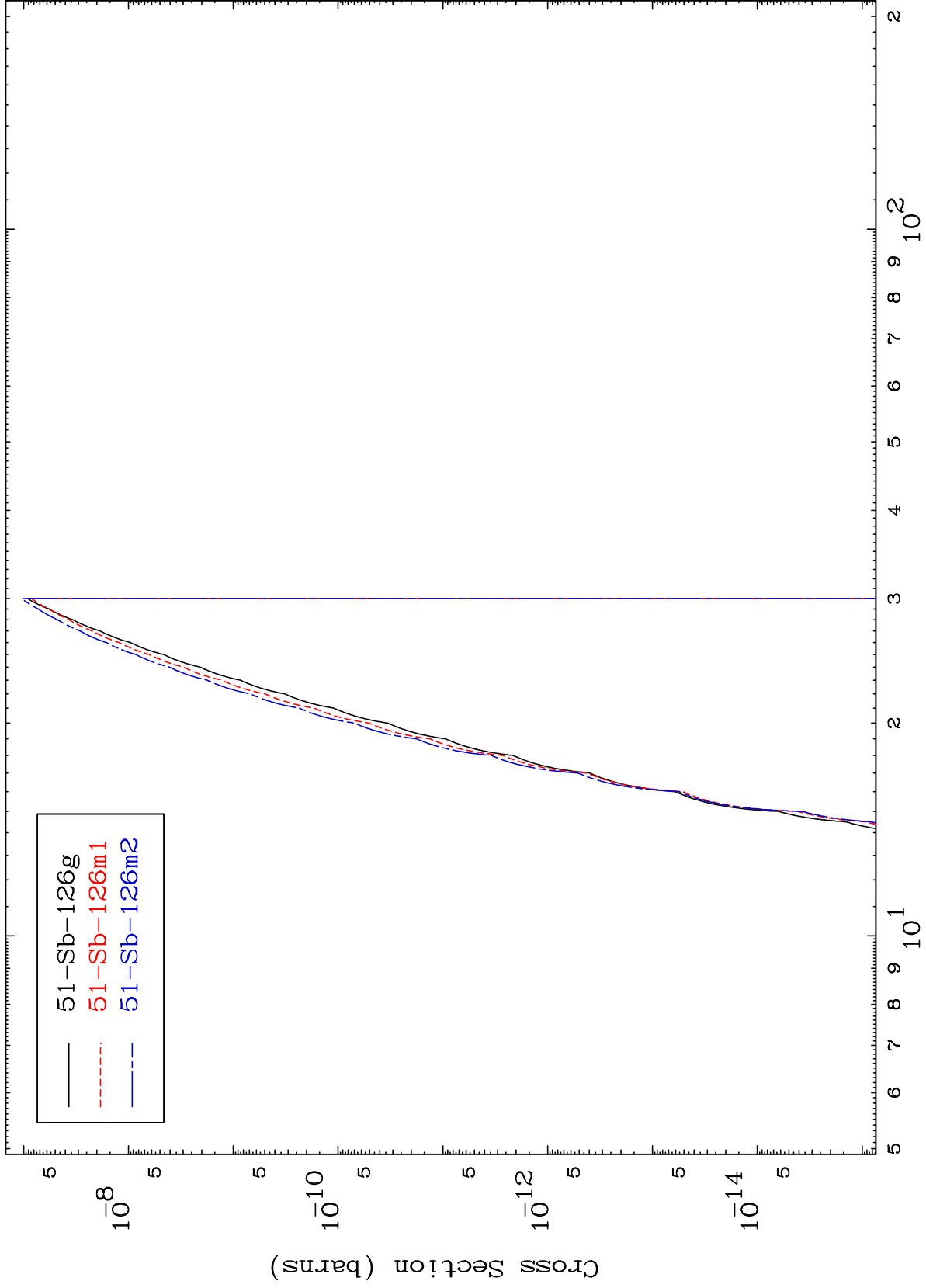
54-Xe-130

MAT 5443

(n,p)  $\alpha$

54-Xe-130

Radionuclide Production Cross Section



138

Incident Energy (MeV)

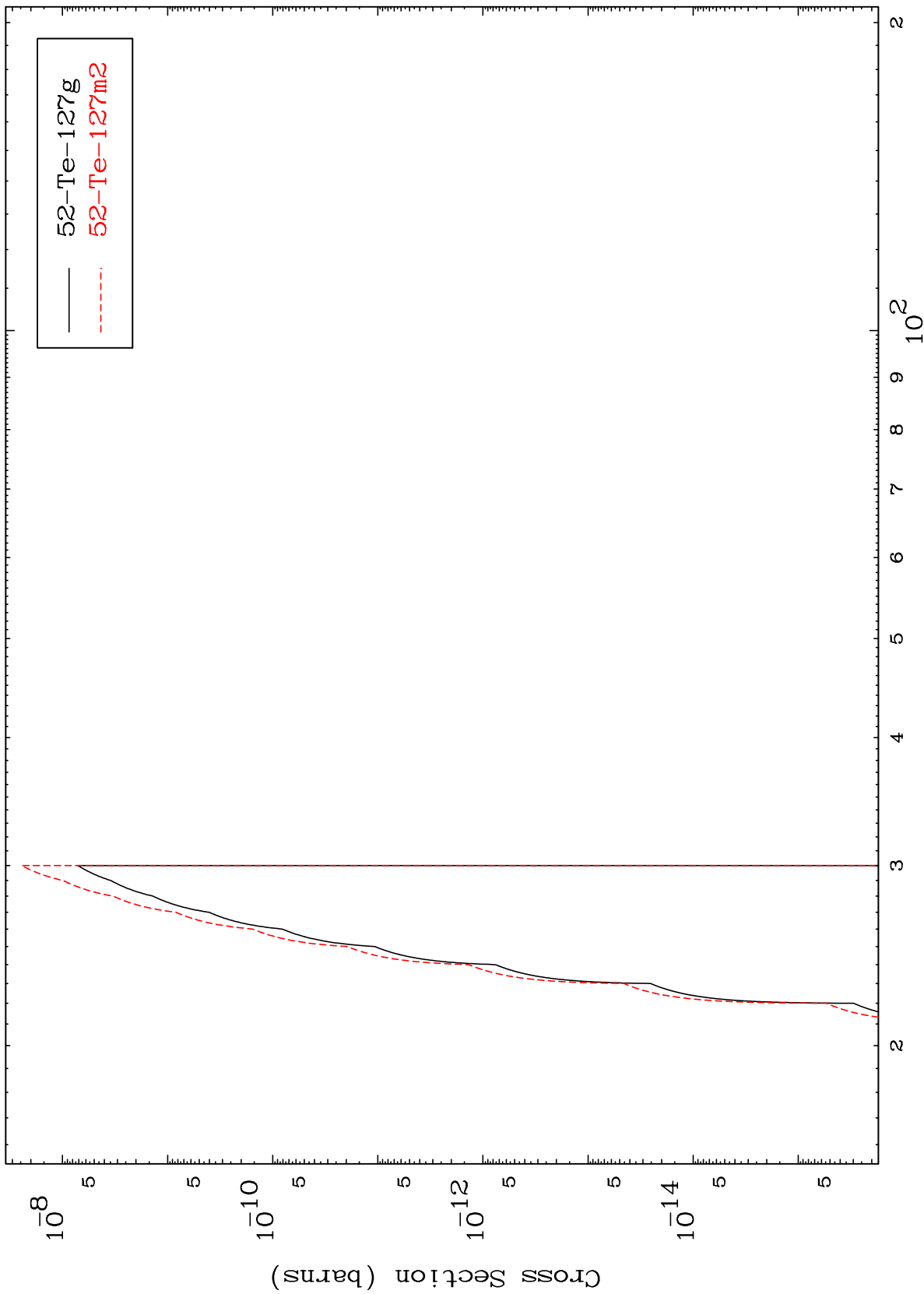
54-Xe-130

MAT 5443

(n,p) t

54-Xe-130

Radionuclide Production Cross Section



139

Incident Energy (MeV)

54-Xe-130