

Program EVALPLOT  
(Version 2015-2)

by

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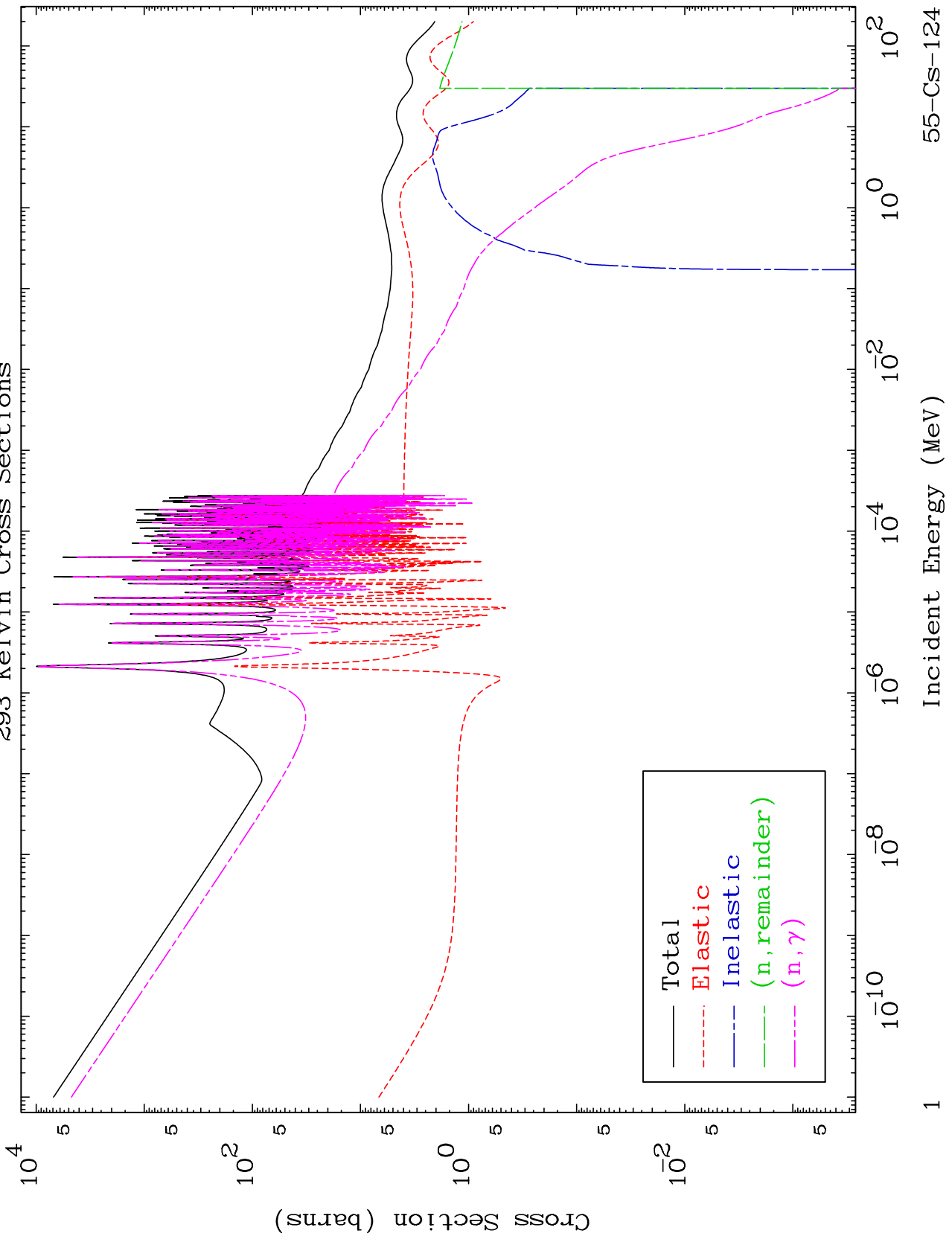
Press Mouse Button to Start

MAT 5498

Major

293 Kelvin Cross Sections

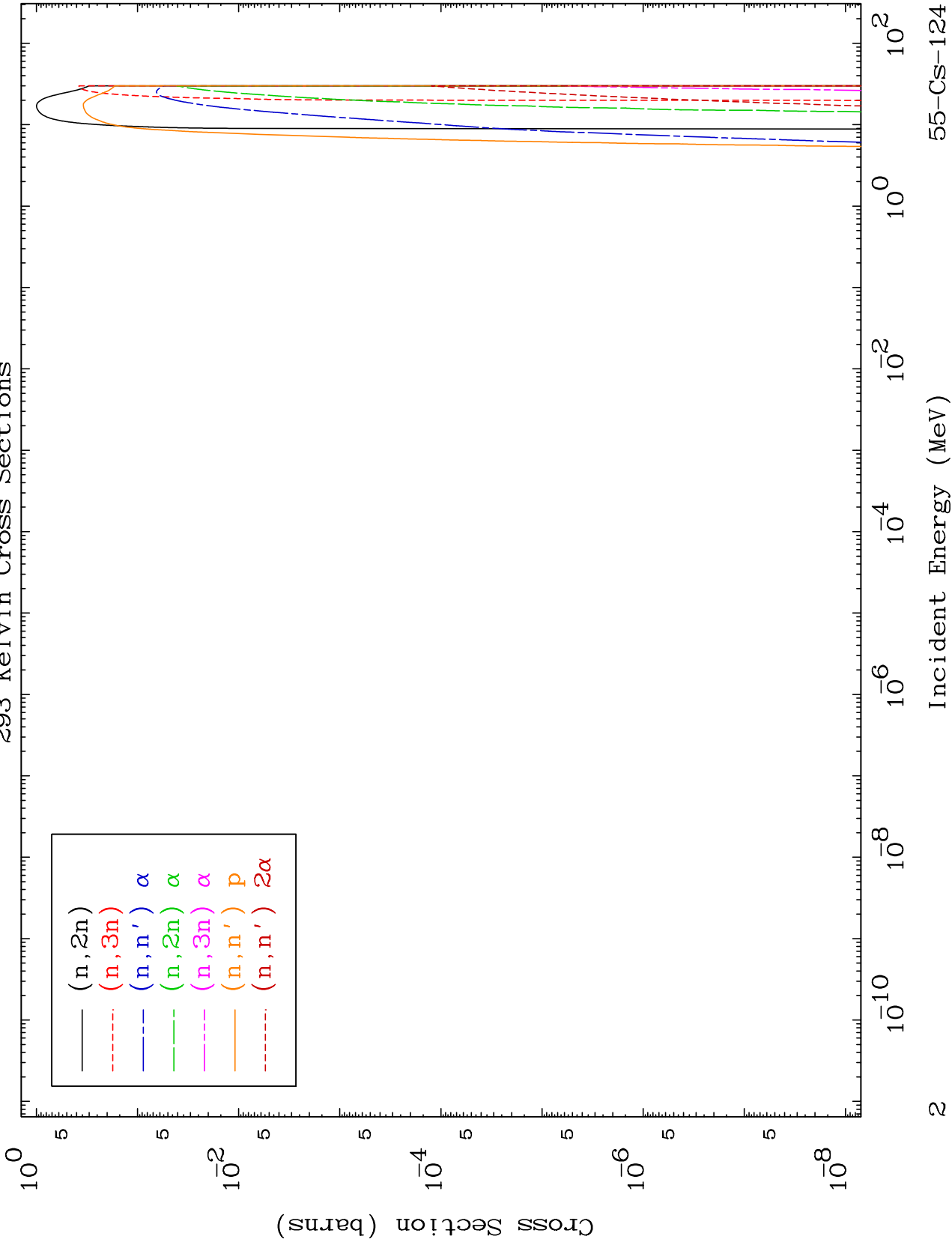
55-Cs-124

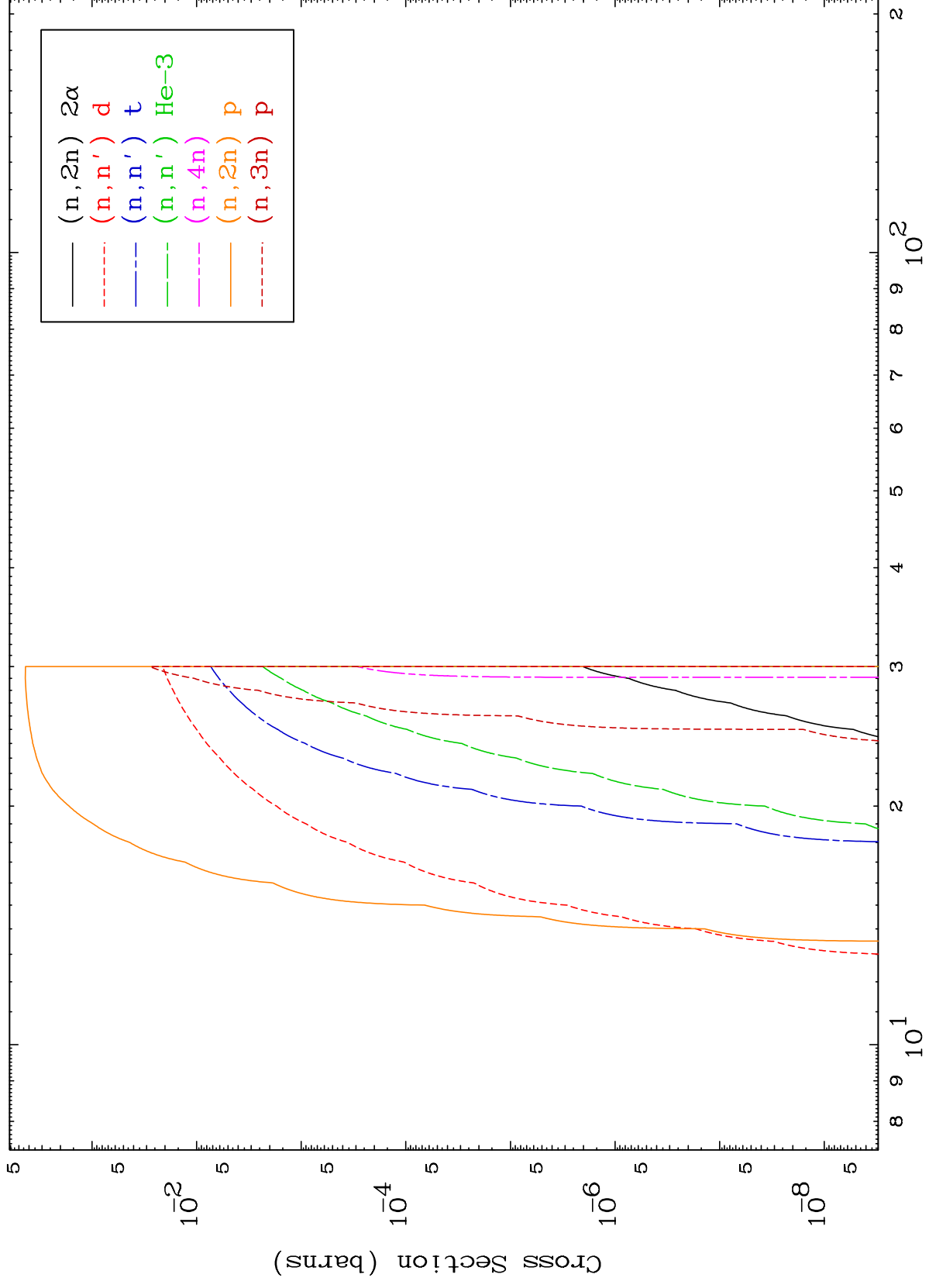


MAT 5498

Neutron Production  
293 Kelvin Cross Sections

55-Cs-124

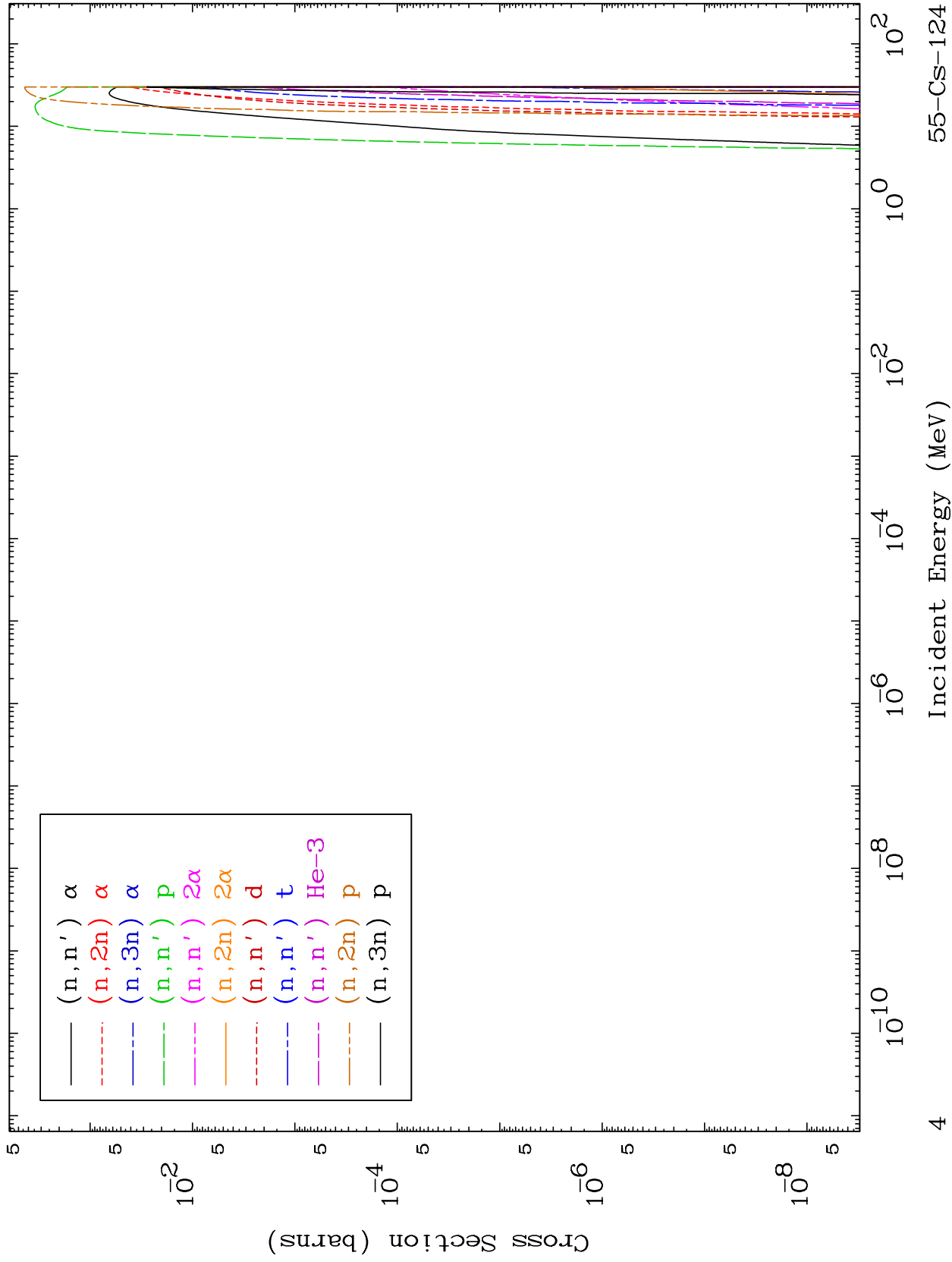




MAT 5498

Charged Particle  
293 Kelvin Cross Sections

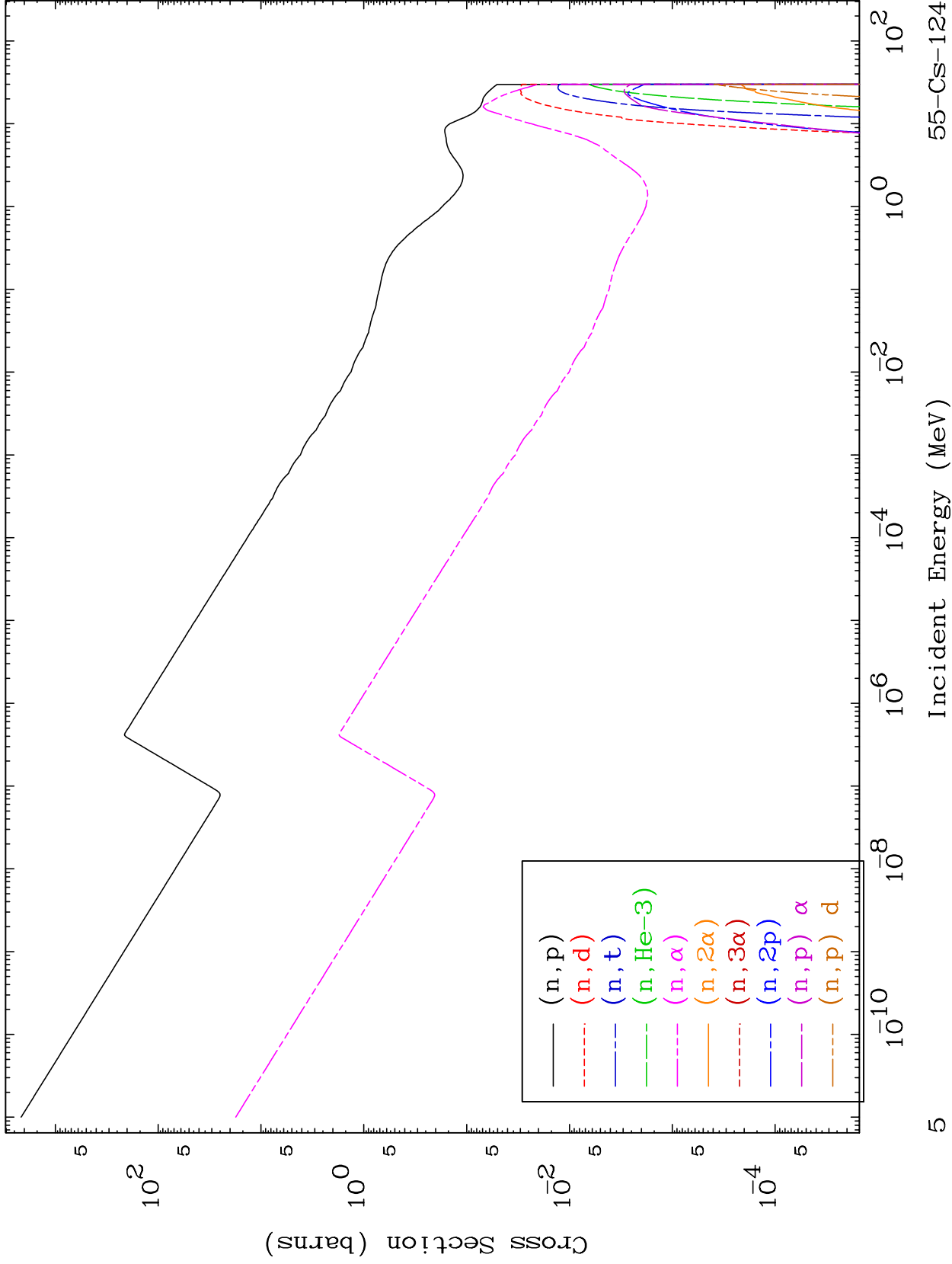
55-Cs-124



MAT 5498

Charged Particle  
293 Kelvin Cross Sections

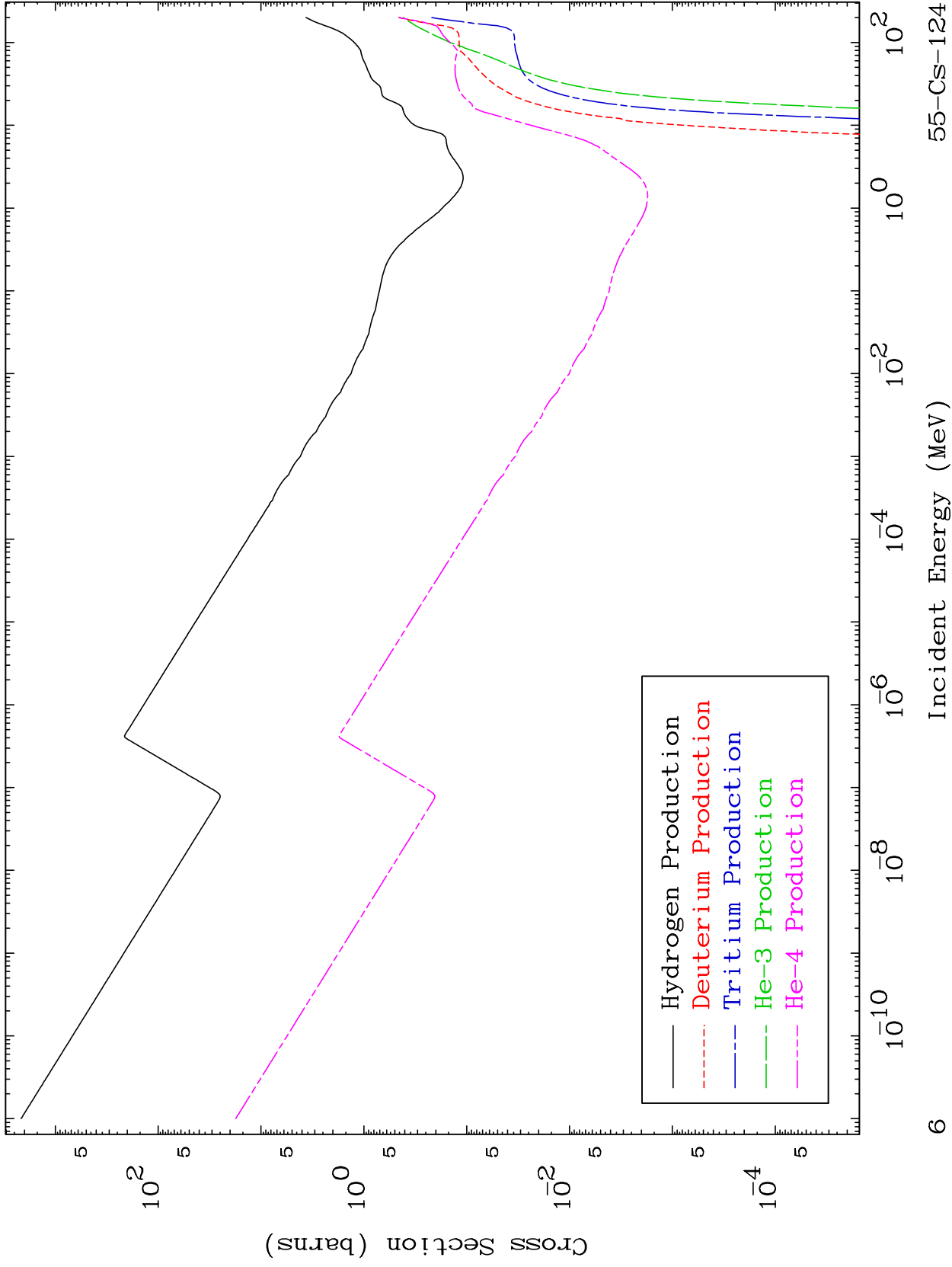
55-Cs-124

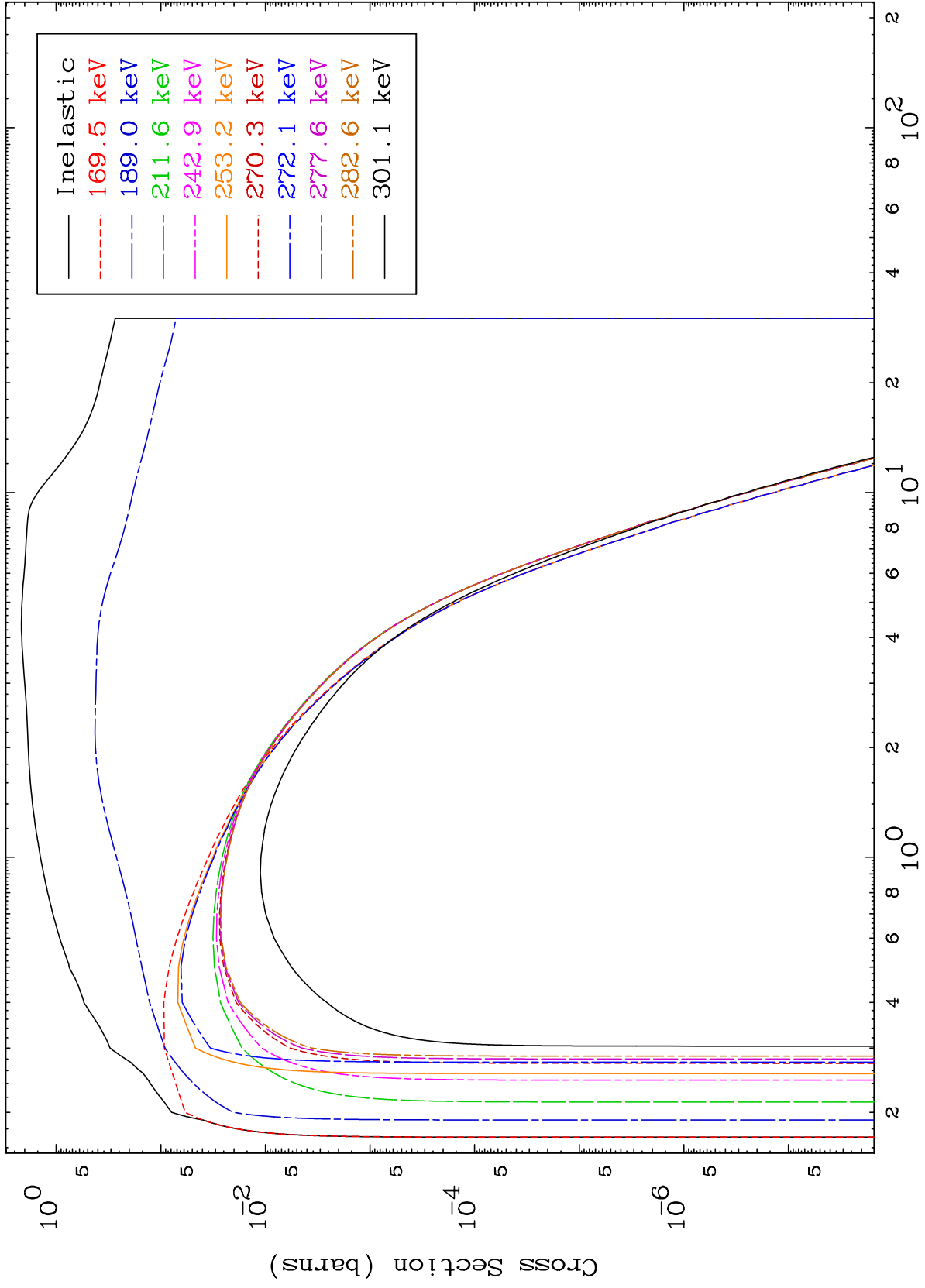


MAT 5498

Particle Production  
293 Kelvin Cross Sections

55-Cs-124





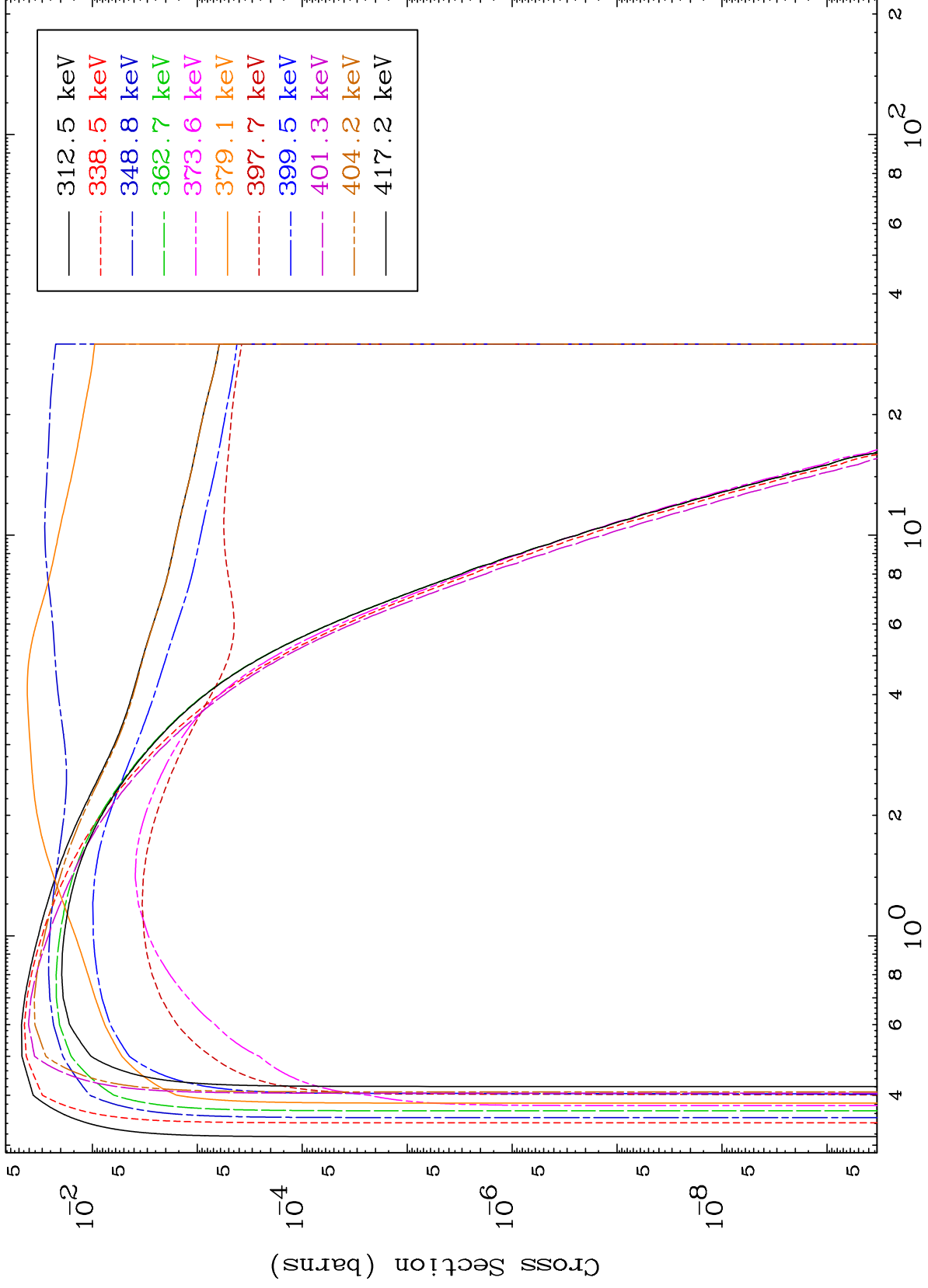


MAT 5498

(n,n') Level

55-Cs-124

293 Kelvin Cross Sections



8

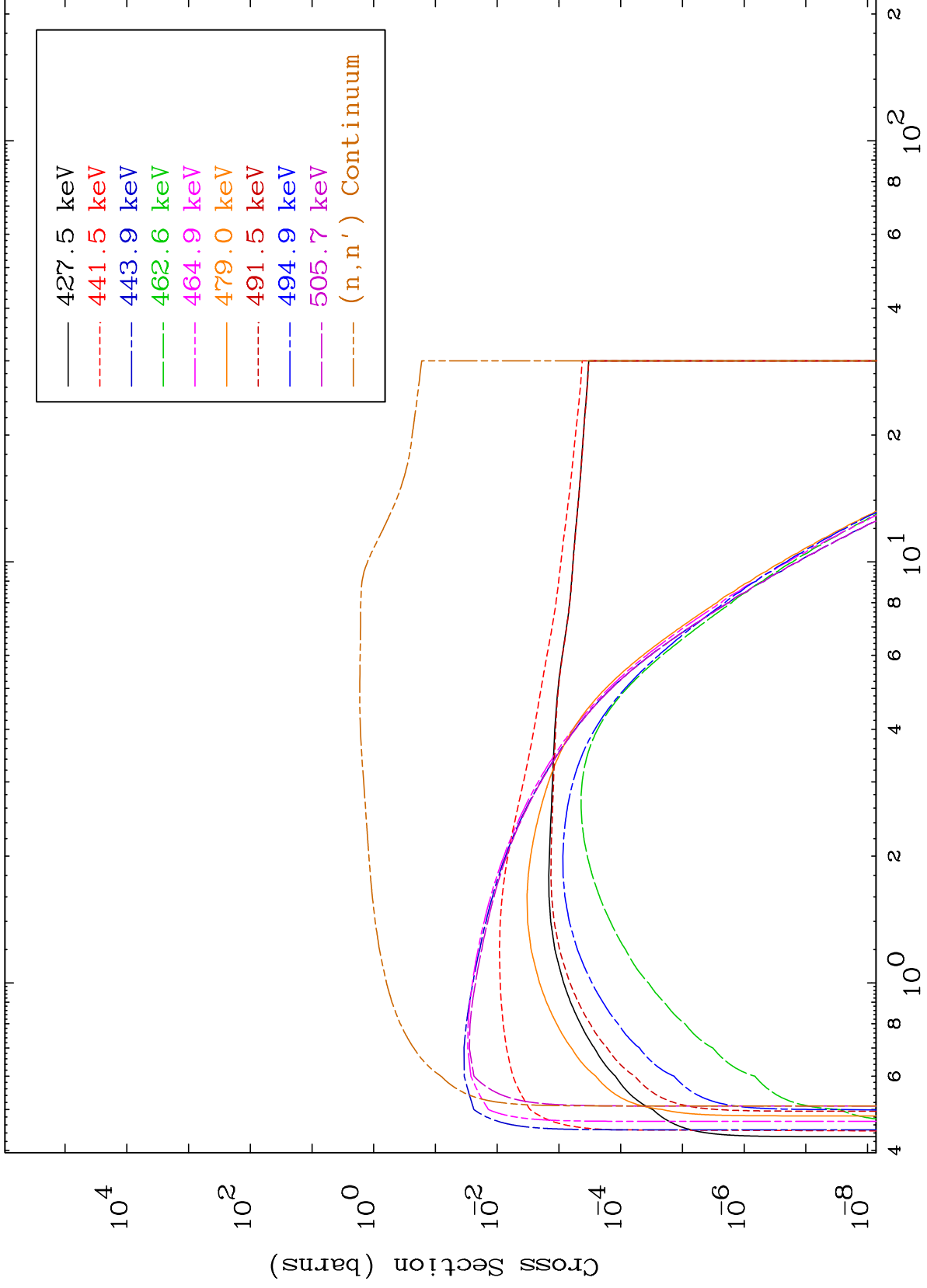
Incident Energy (MeV)

55-Cs-124

MAT 5498

(n,n') Level  
293 Kelvin Cross Sections

55-Cs-124



9

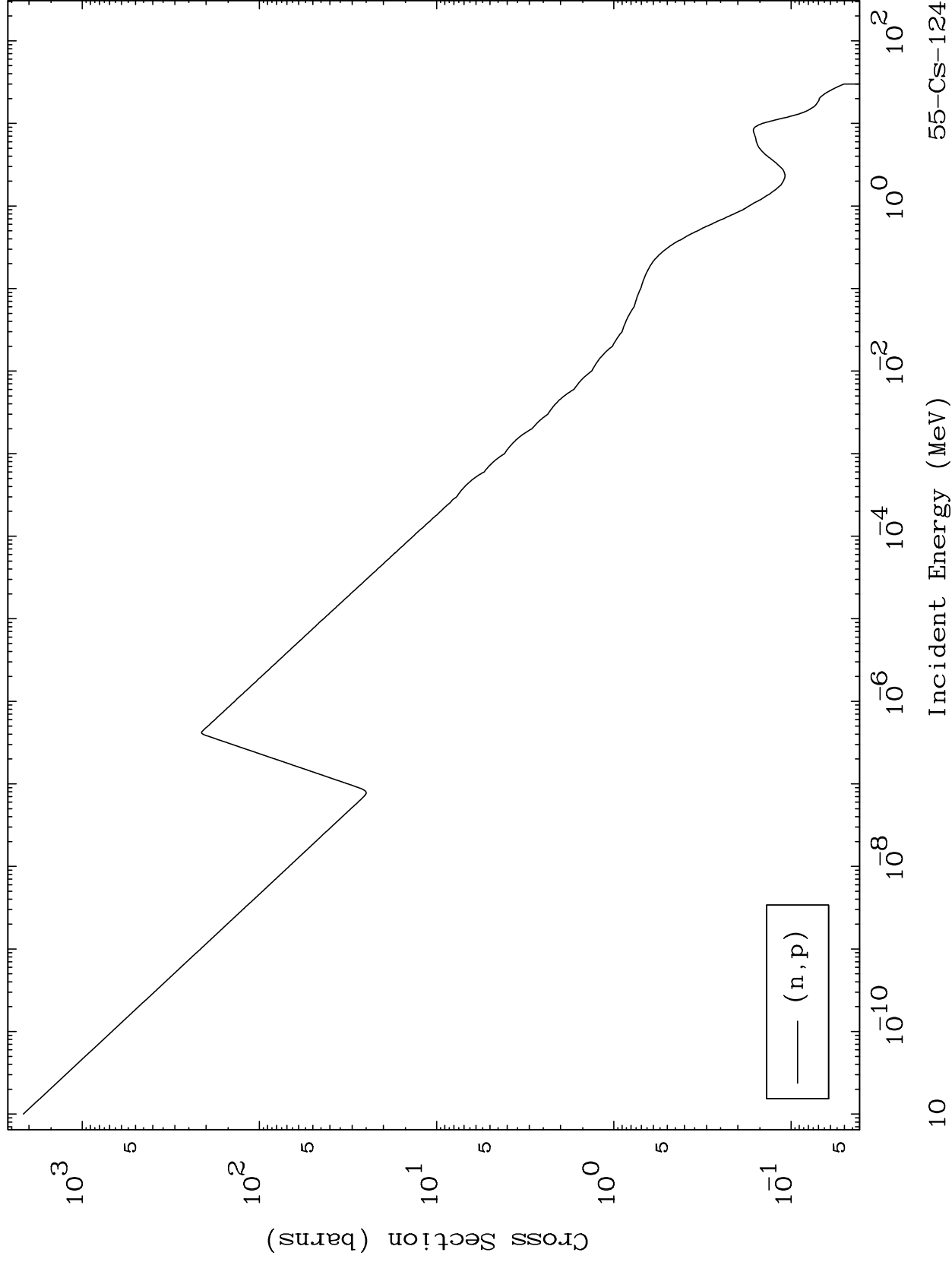
Incident Energy (MeV)

55-Cs-124

MAT 5498

(n,p) Levels  
293 Kelvin Cross Sections

55-Cs-124



10

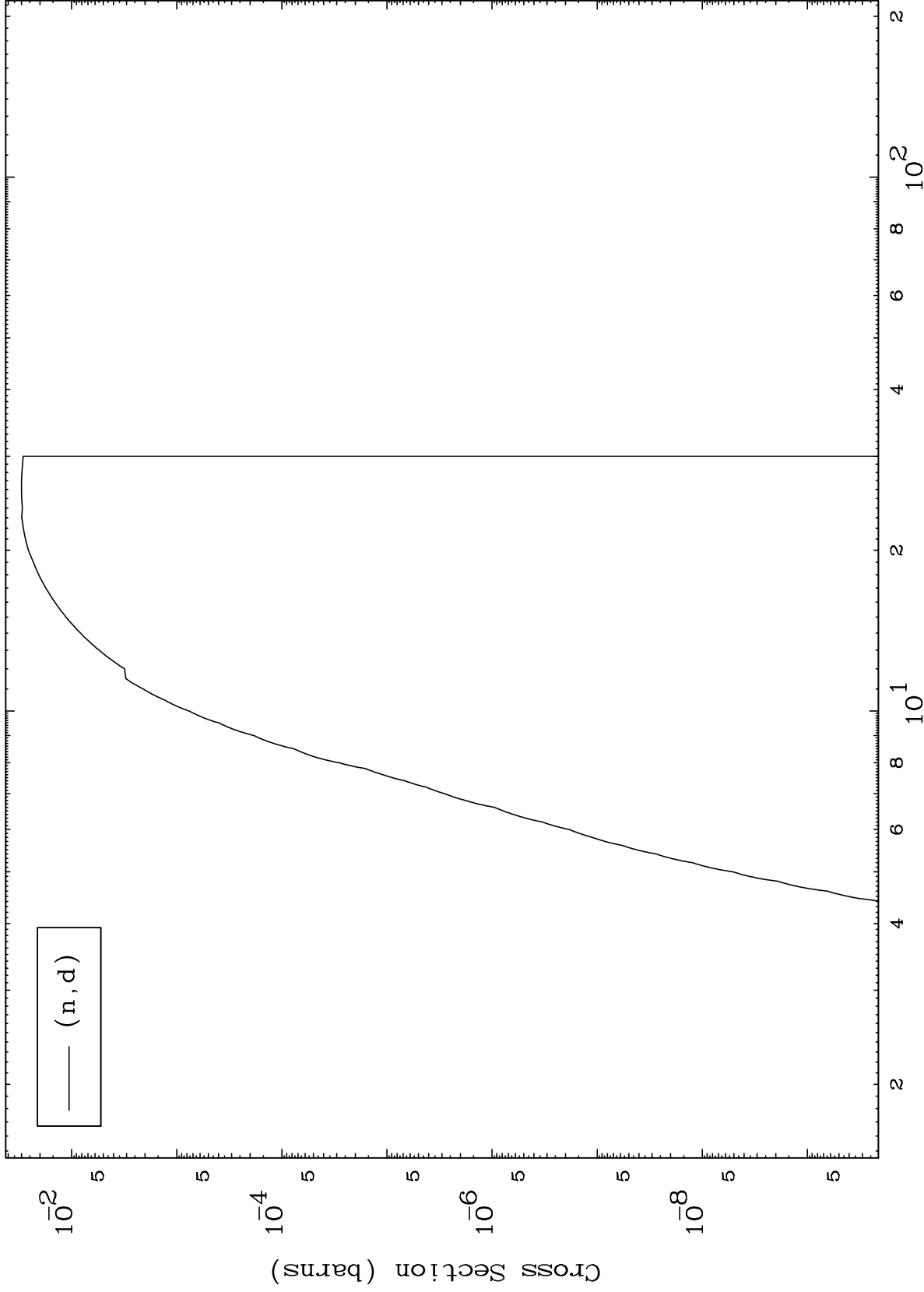
Incident Energy (MeV)

55-Cs-124

MAT 5498

(n,d) Levels  
293 Kelvin Cross Sections

55-Cs-124



11

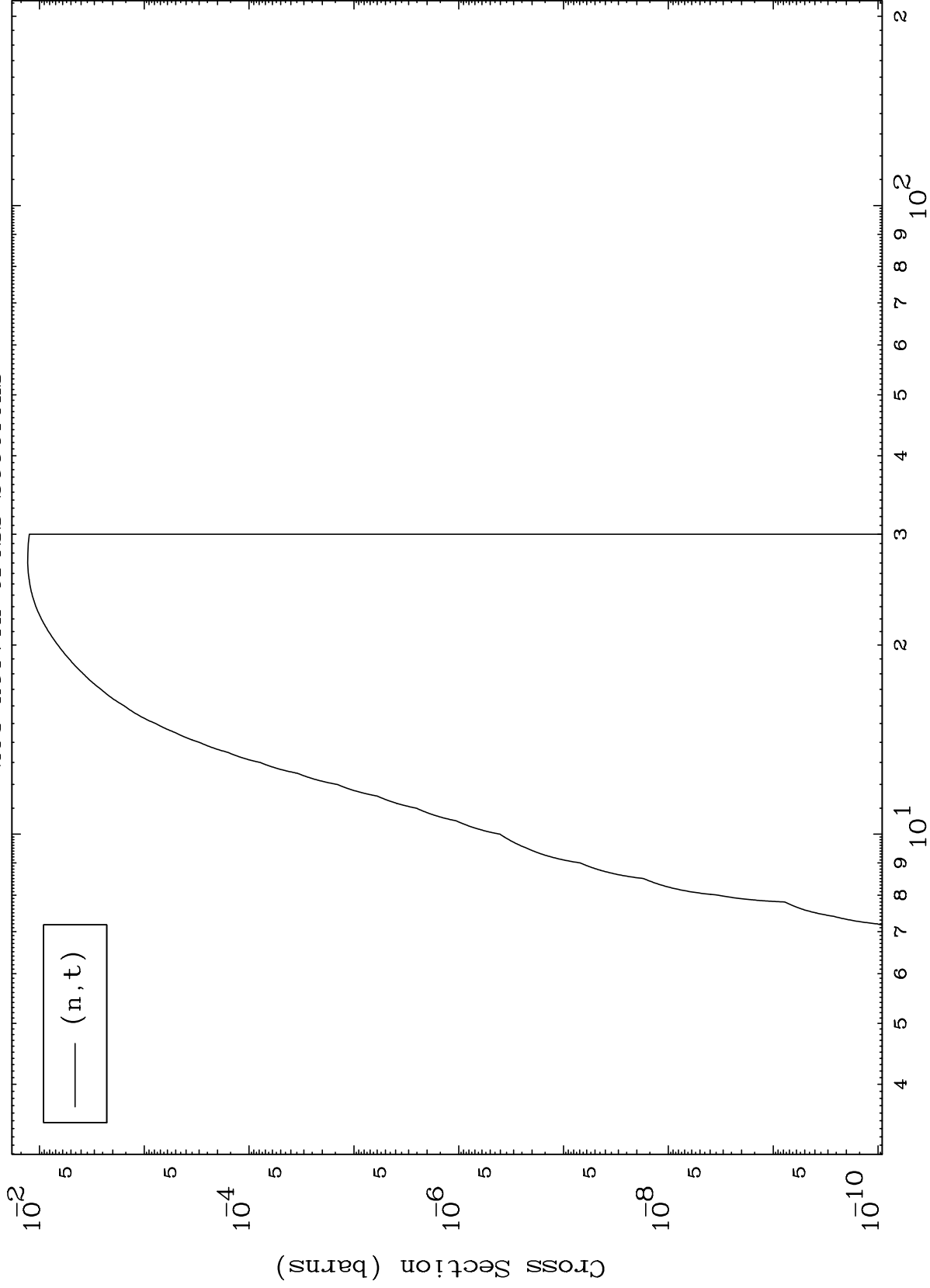
Incident Energy (MeV)

55-Cs-124

MAT 5498

(n,t) Levels  
293 Kelvin Cross Sections

55-Cs-124



12

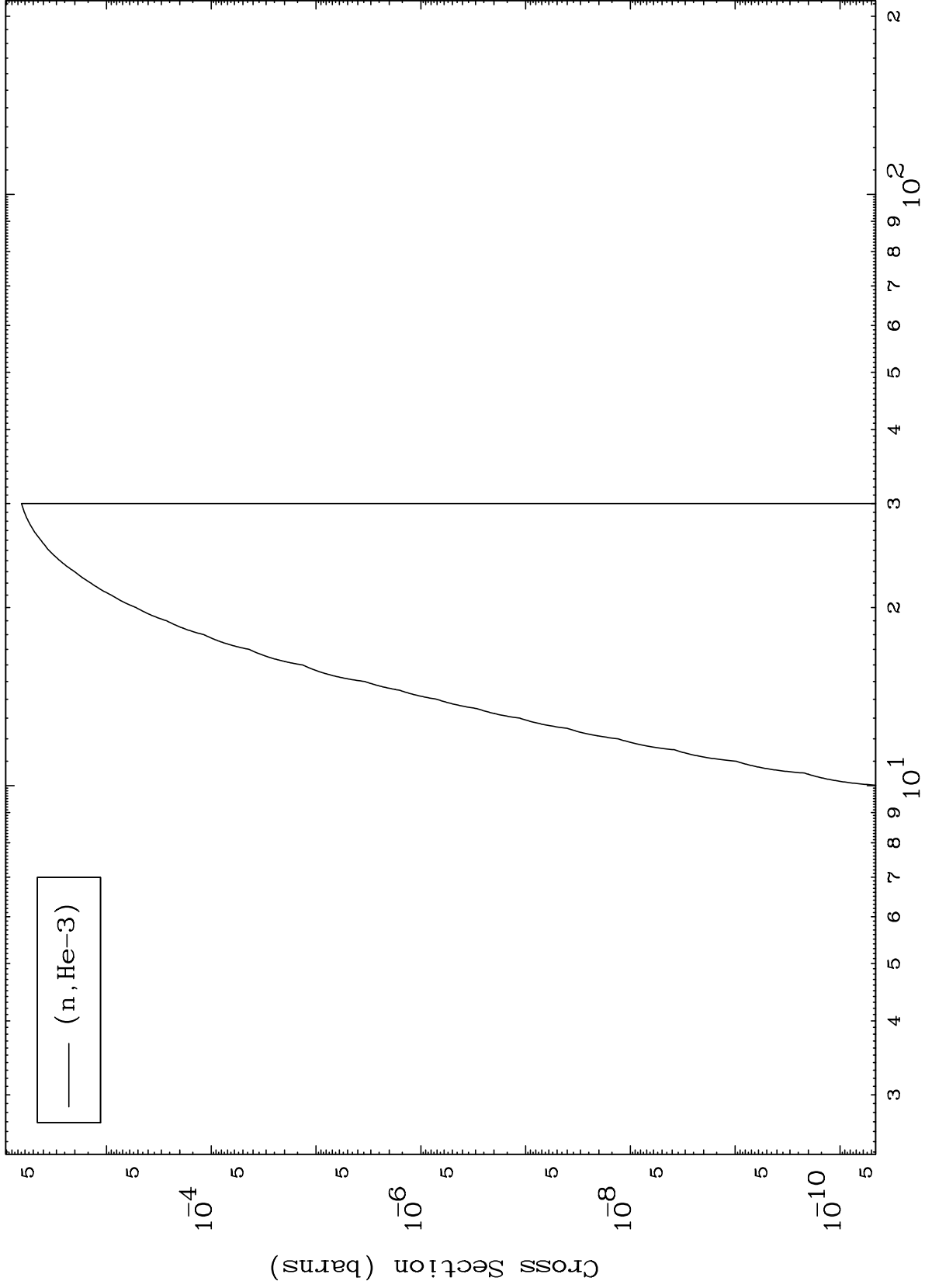
Incident Energy (MeV)

55-Cs-124

MAT 5498

(n,He3) Levels  
293 Kelvin Cross Sections

55-Cs-124



13

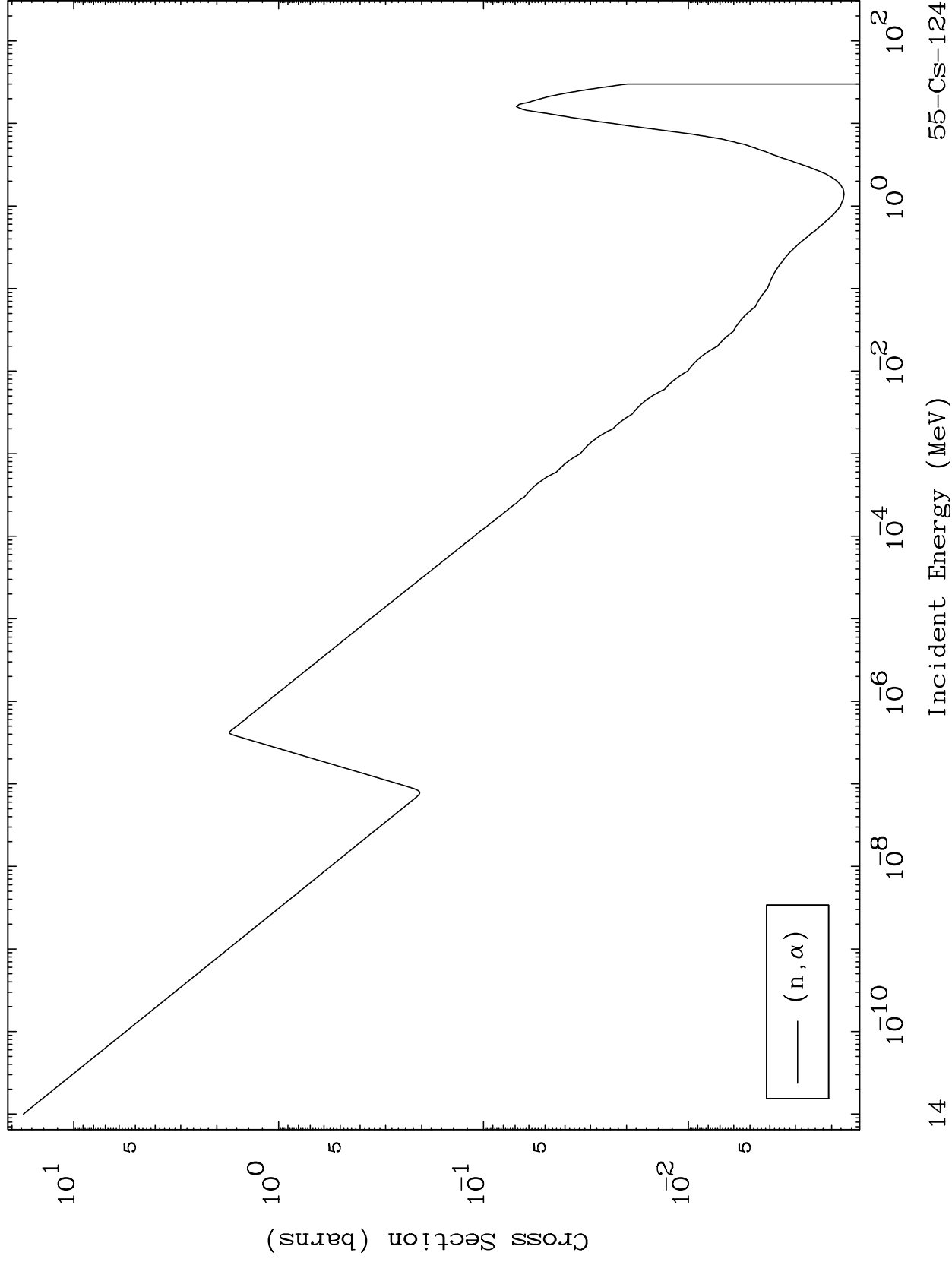
Incident Energy (MeV)

55-Cs-124

MAT 5498

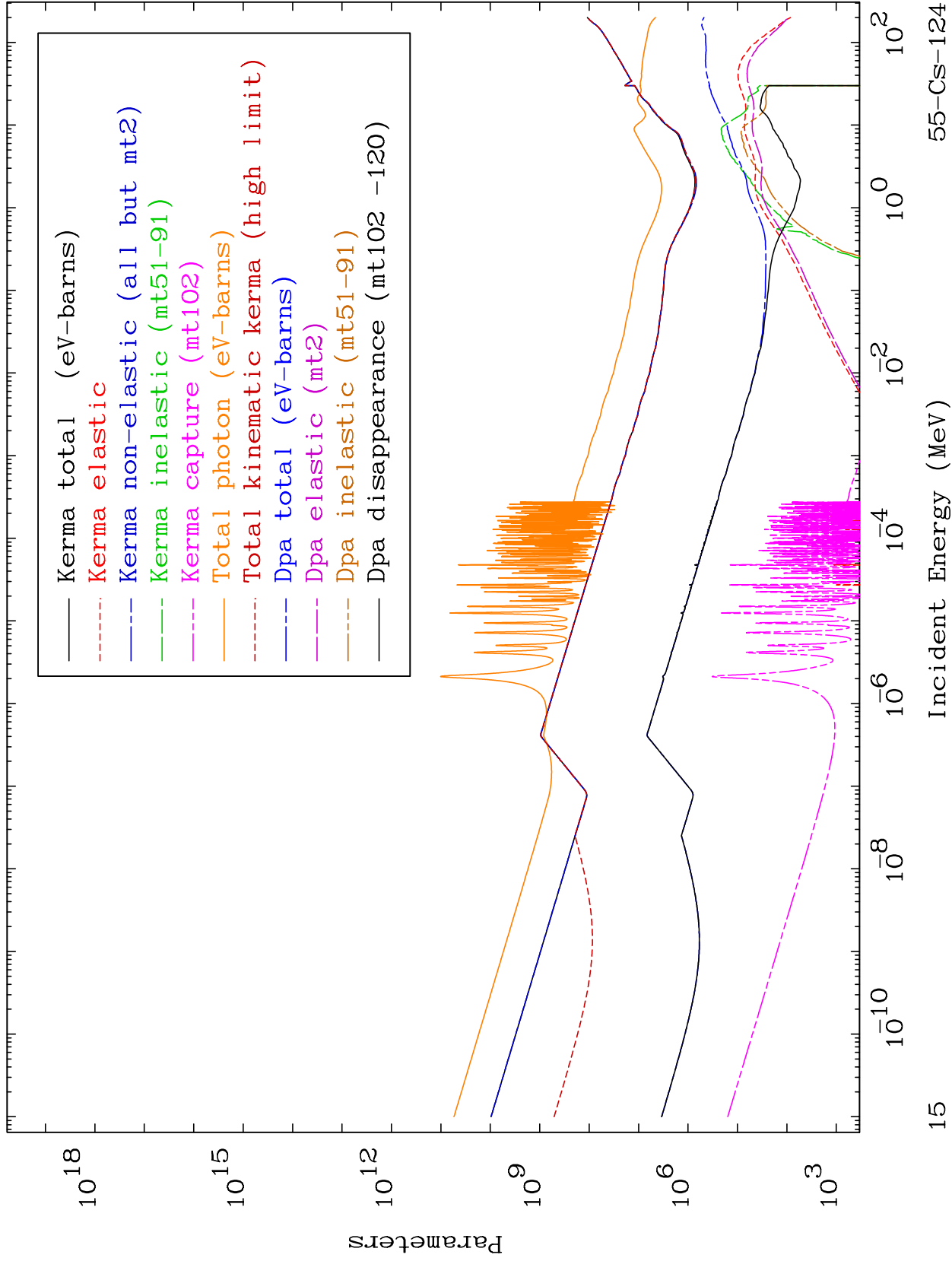
(n,α) Levels  
293 Kelvin Cross Sections

55-Cs-124



14

55-Cs-124

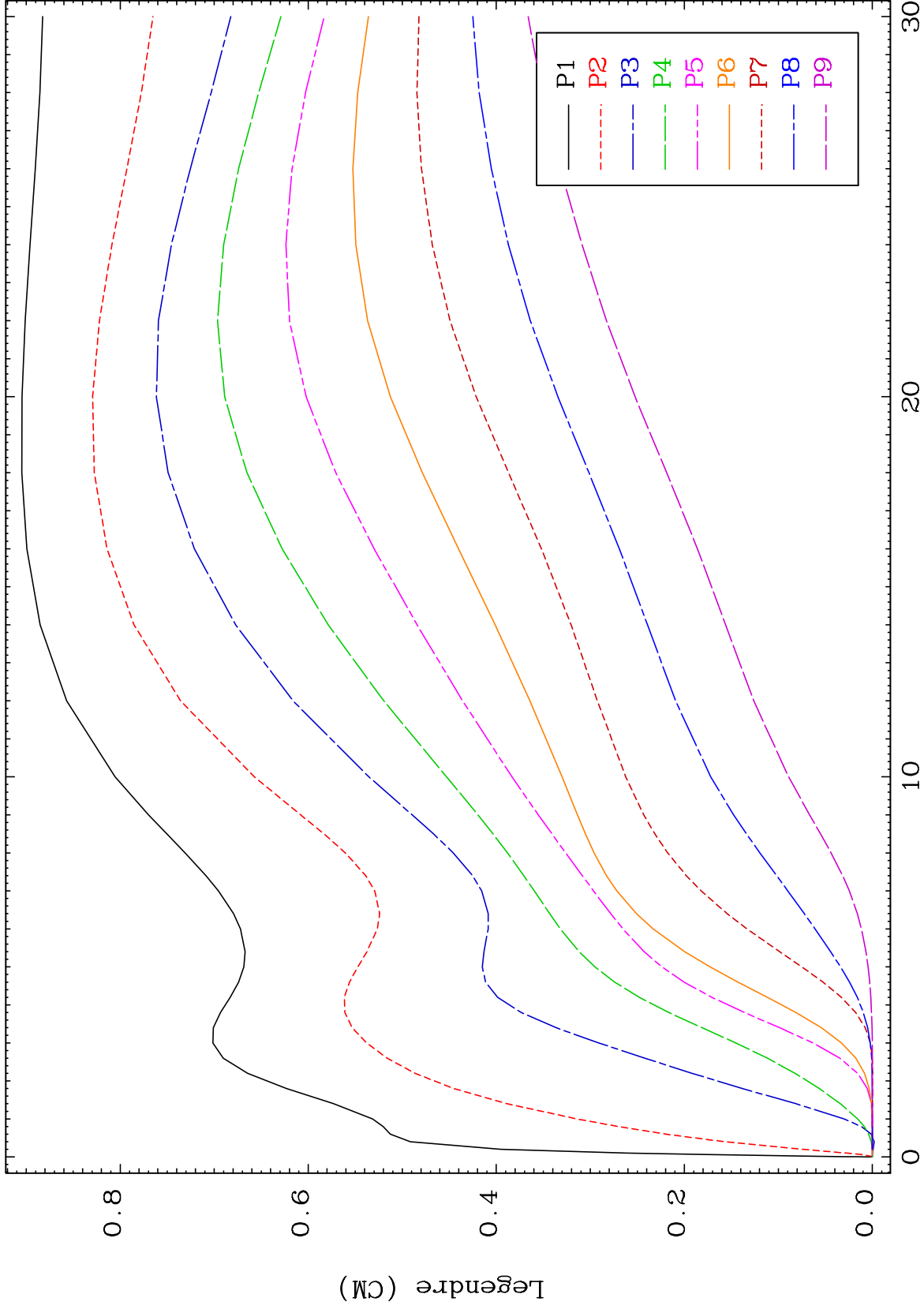




MAT 5498

Elastic Legendre Coefficients

55-Cs-124



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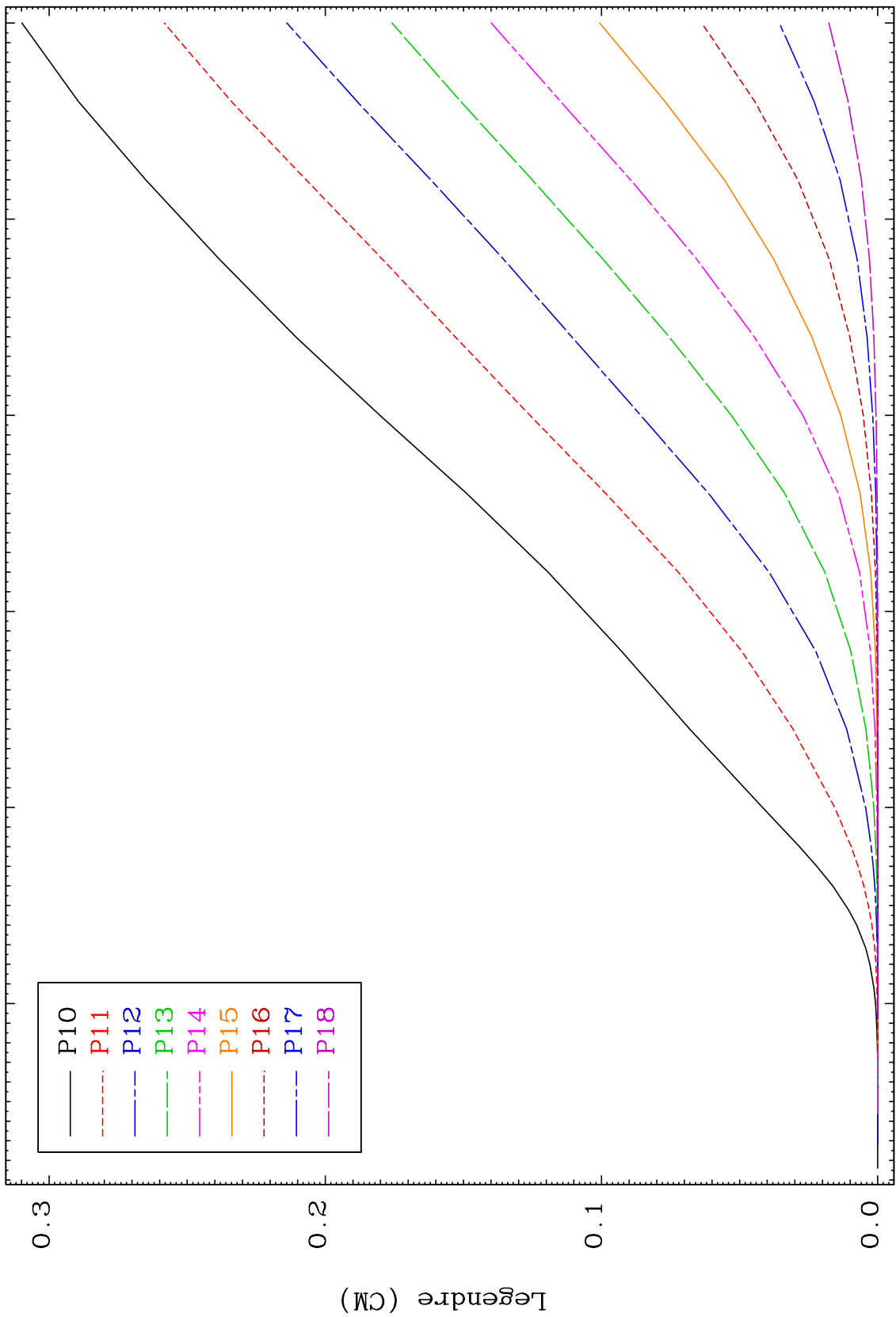
Incident Energy (MeV)

55-Cs-124

MAT 5498

Elastic Legendre Coefficients

55-Cs-124



17

Incident Energy (MeV)

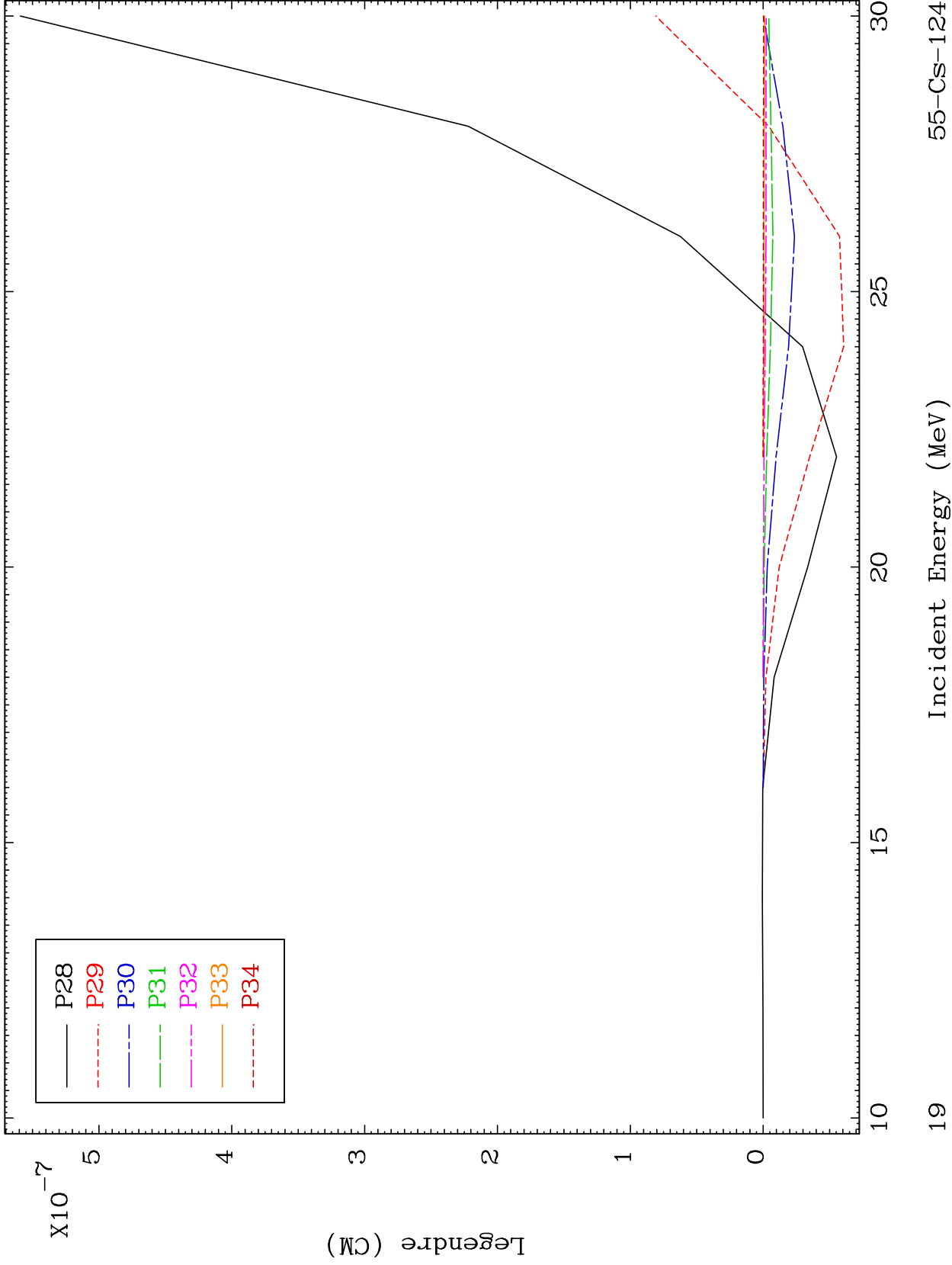
55-Cs-124



MAT 5498

Elastic Legendre Coefficients

55-Cs-124

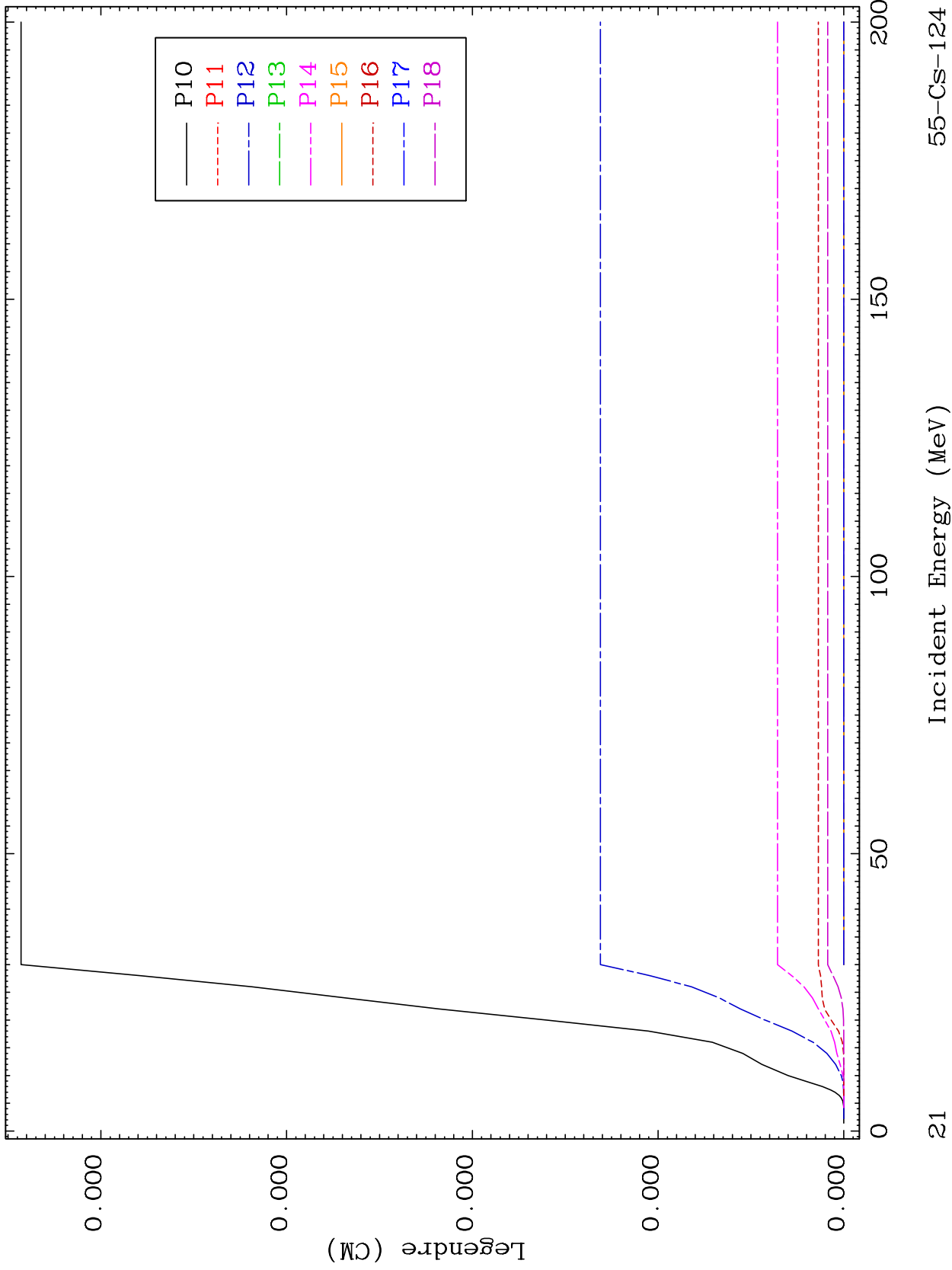




MAT 5498

169.5 keV (n,n') Level  
Legendre Coefficients

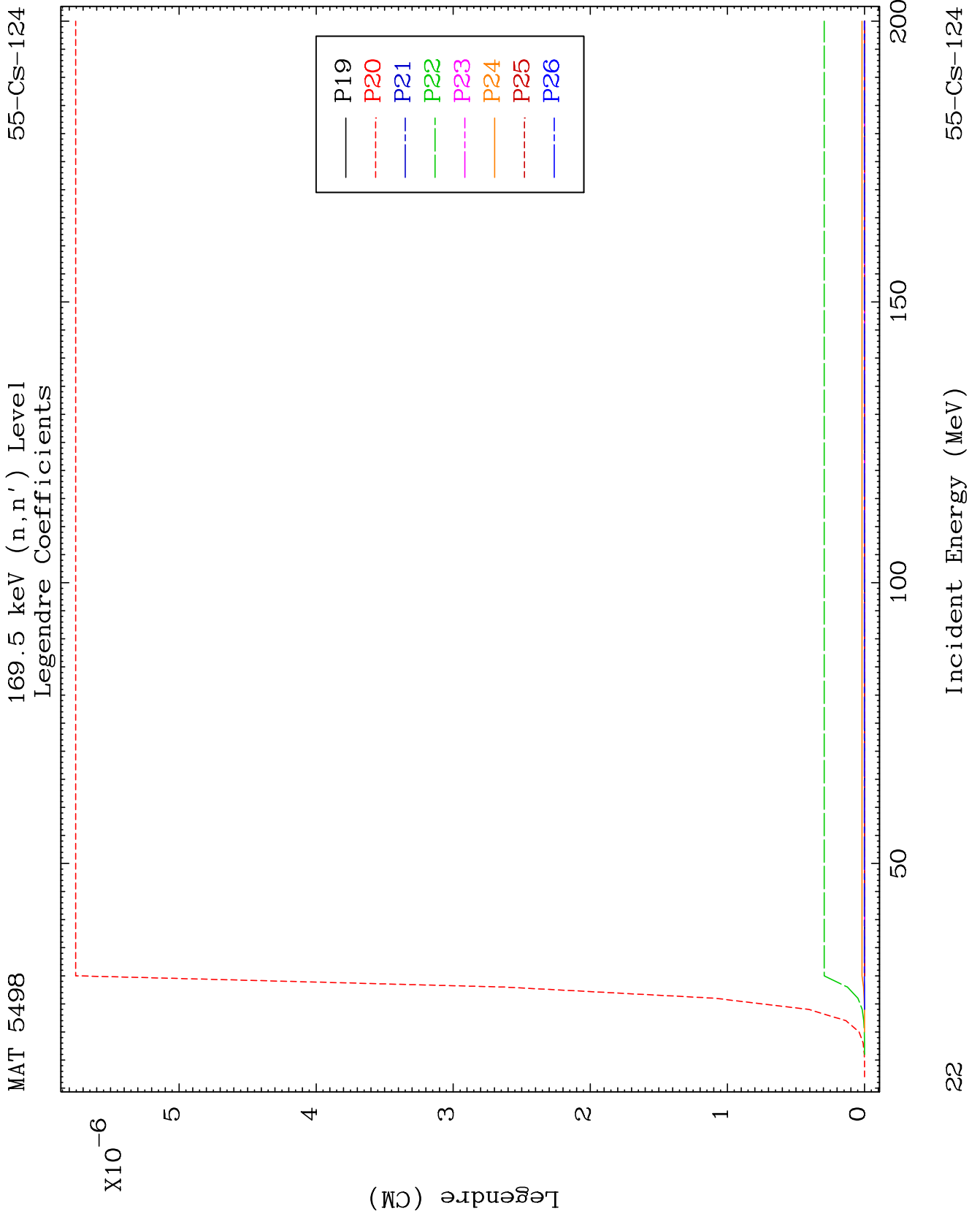
55-Cs-124



21

Incident Energy (MeV)

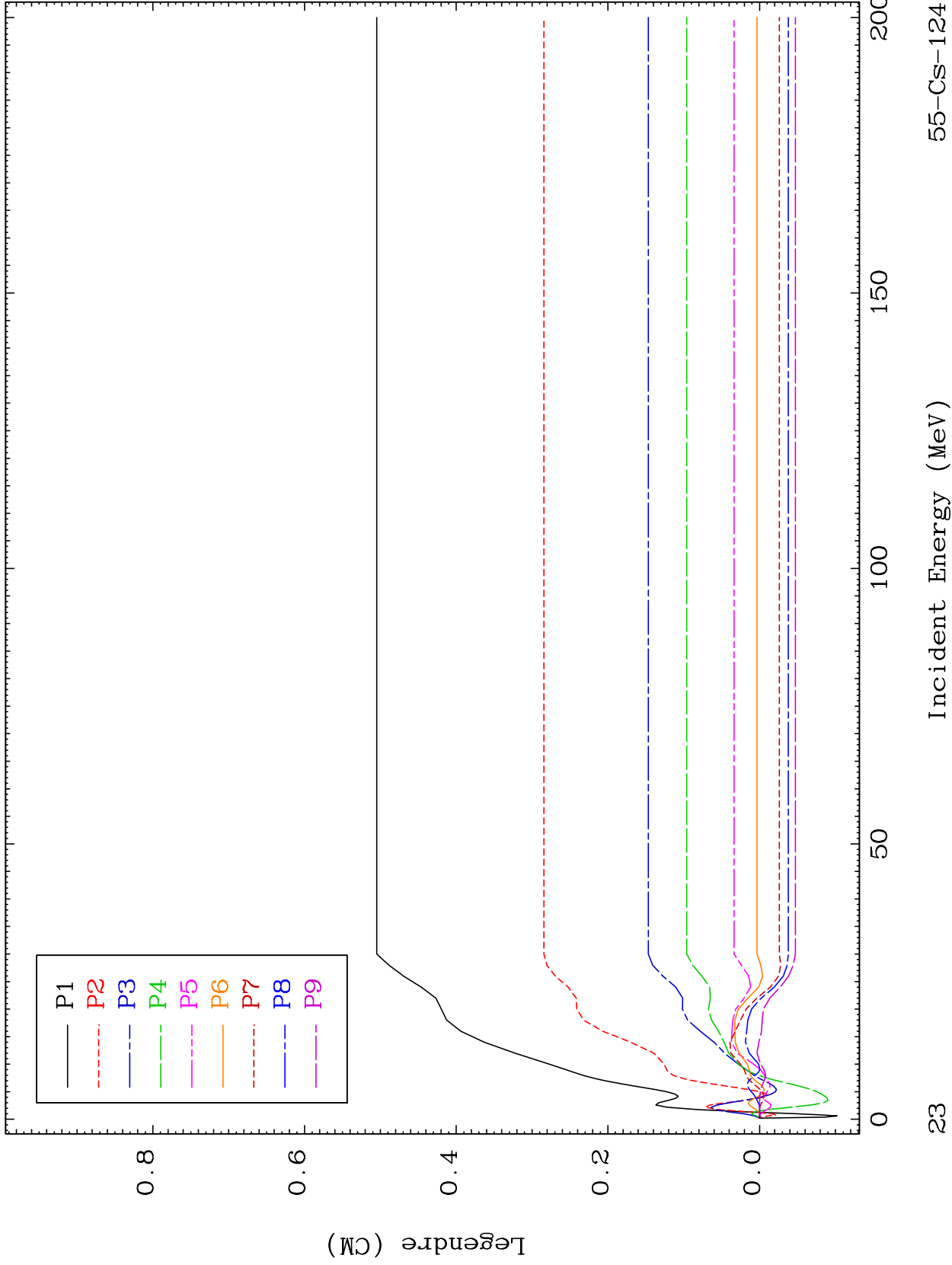
55-Cs-124



MAT 5498

189.0 keV (n,n') Level  
Legendre Coefficients

55-Cs-124

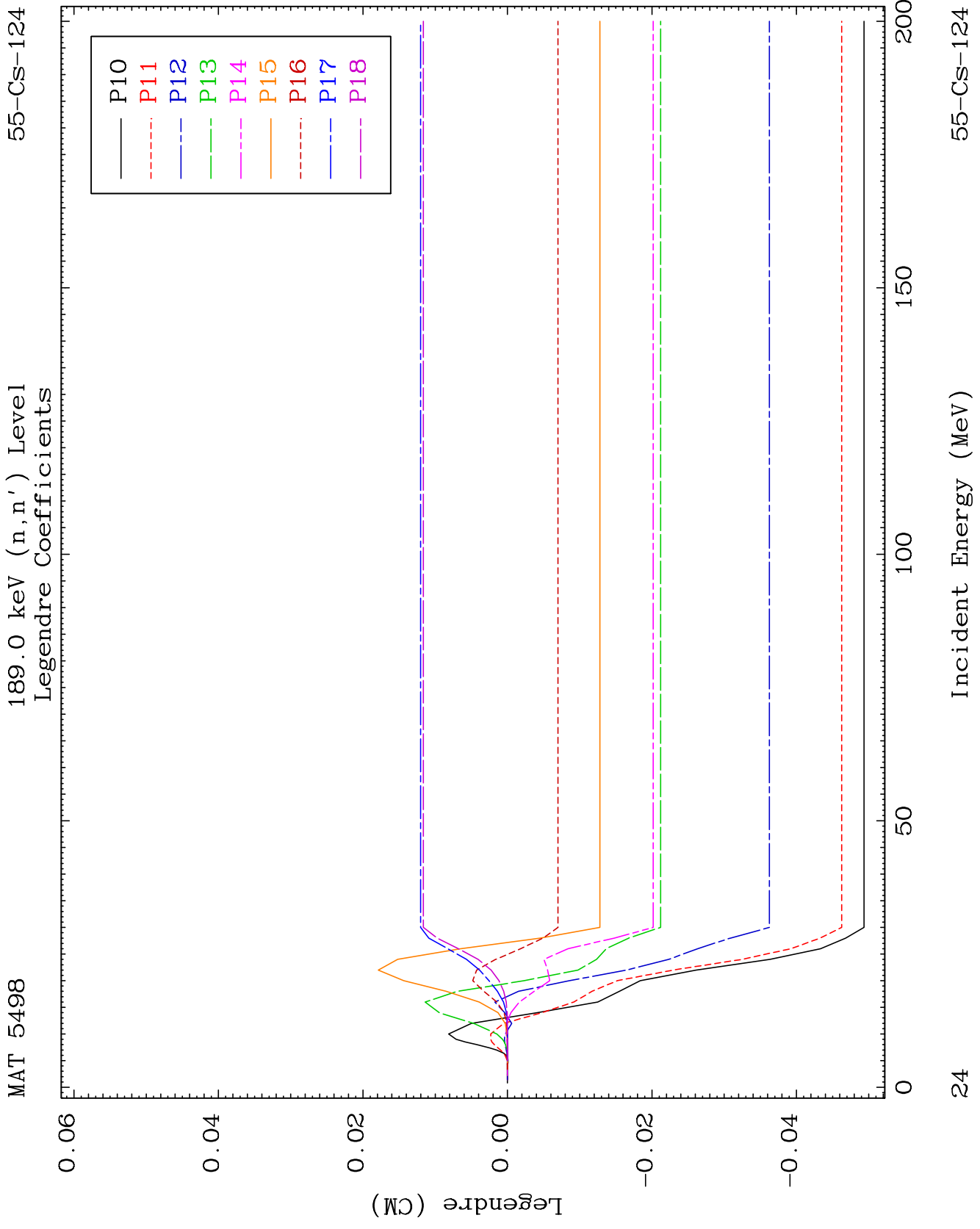


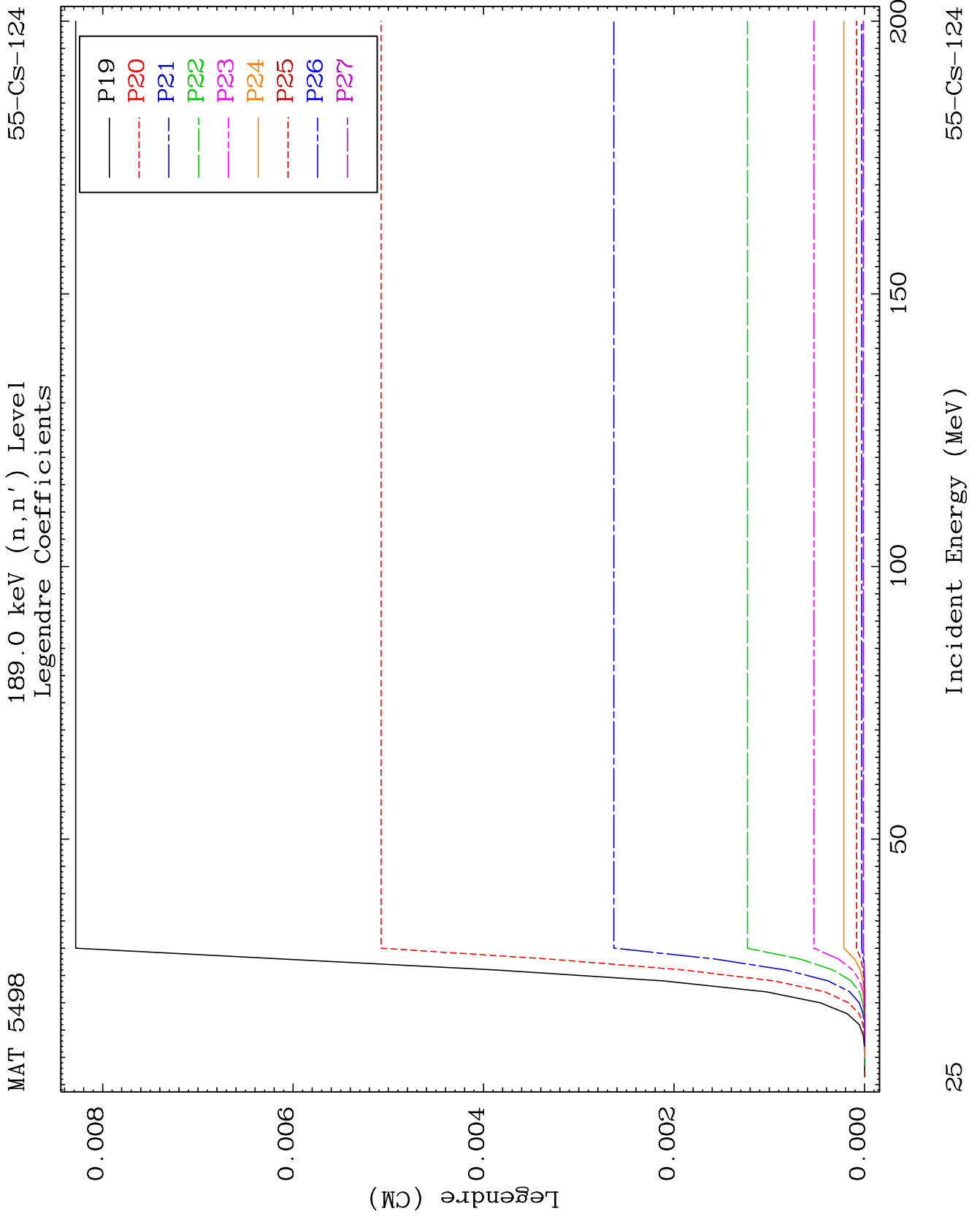
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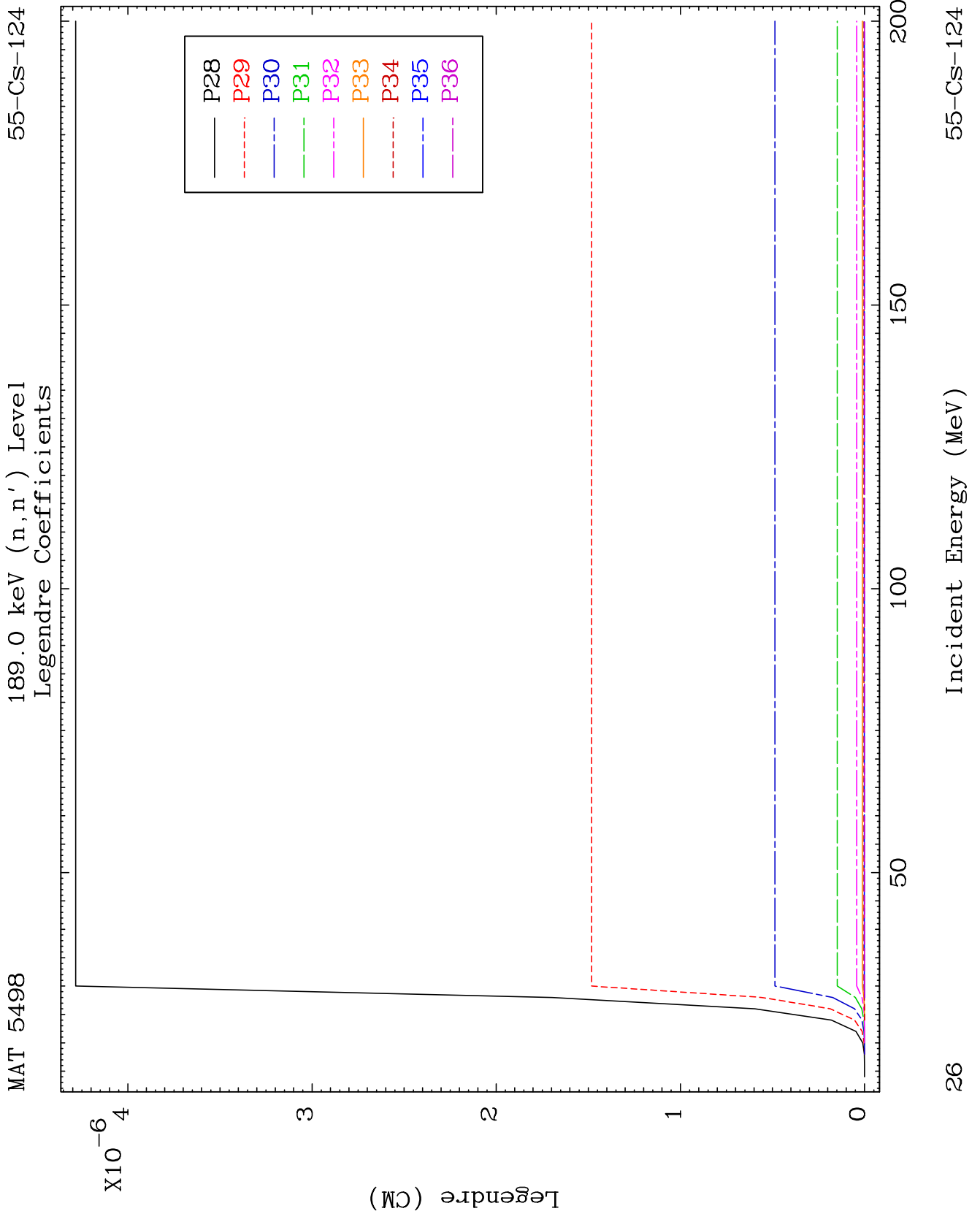
Incident Energy (MeV)

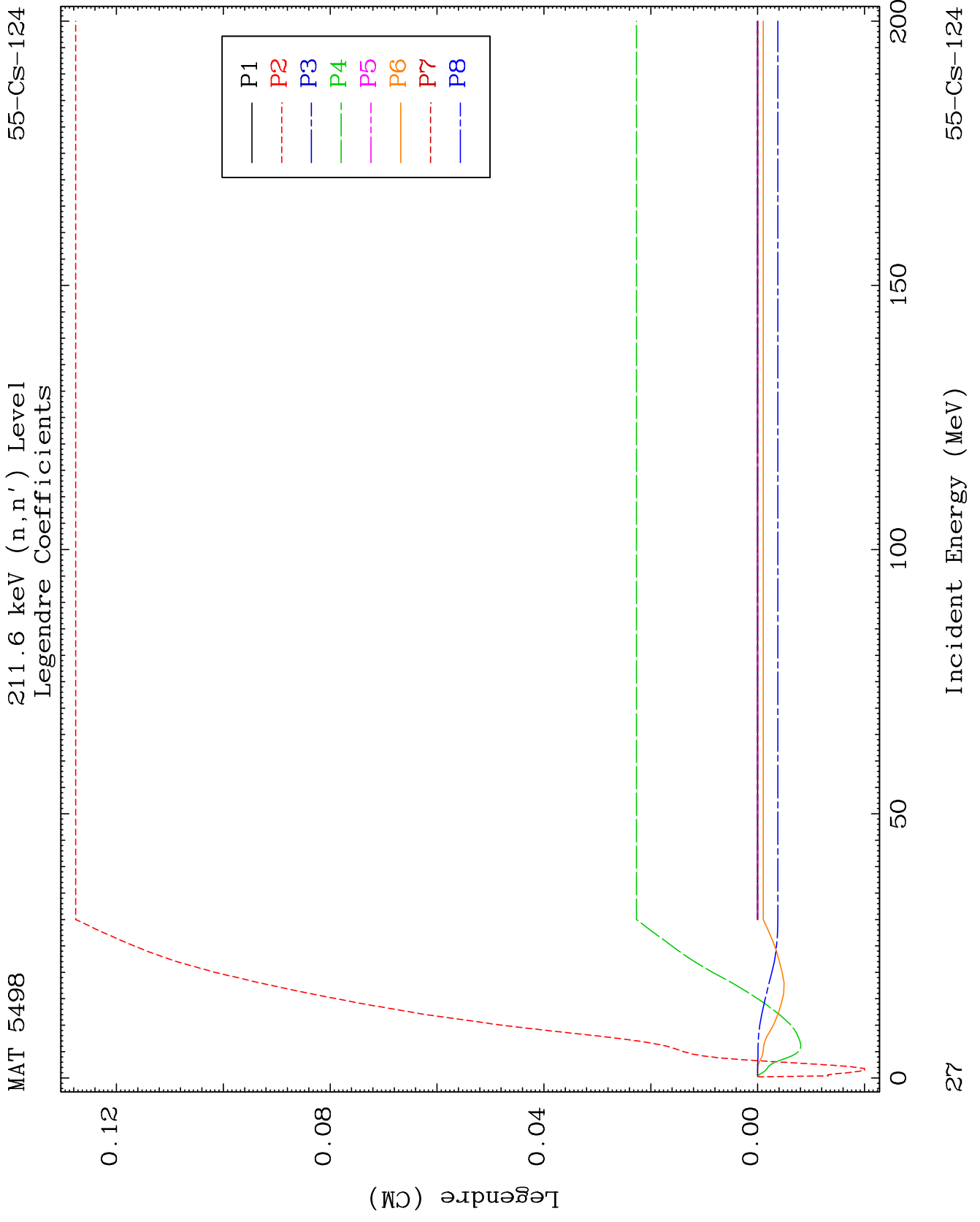
23



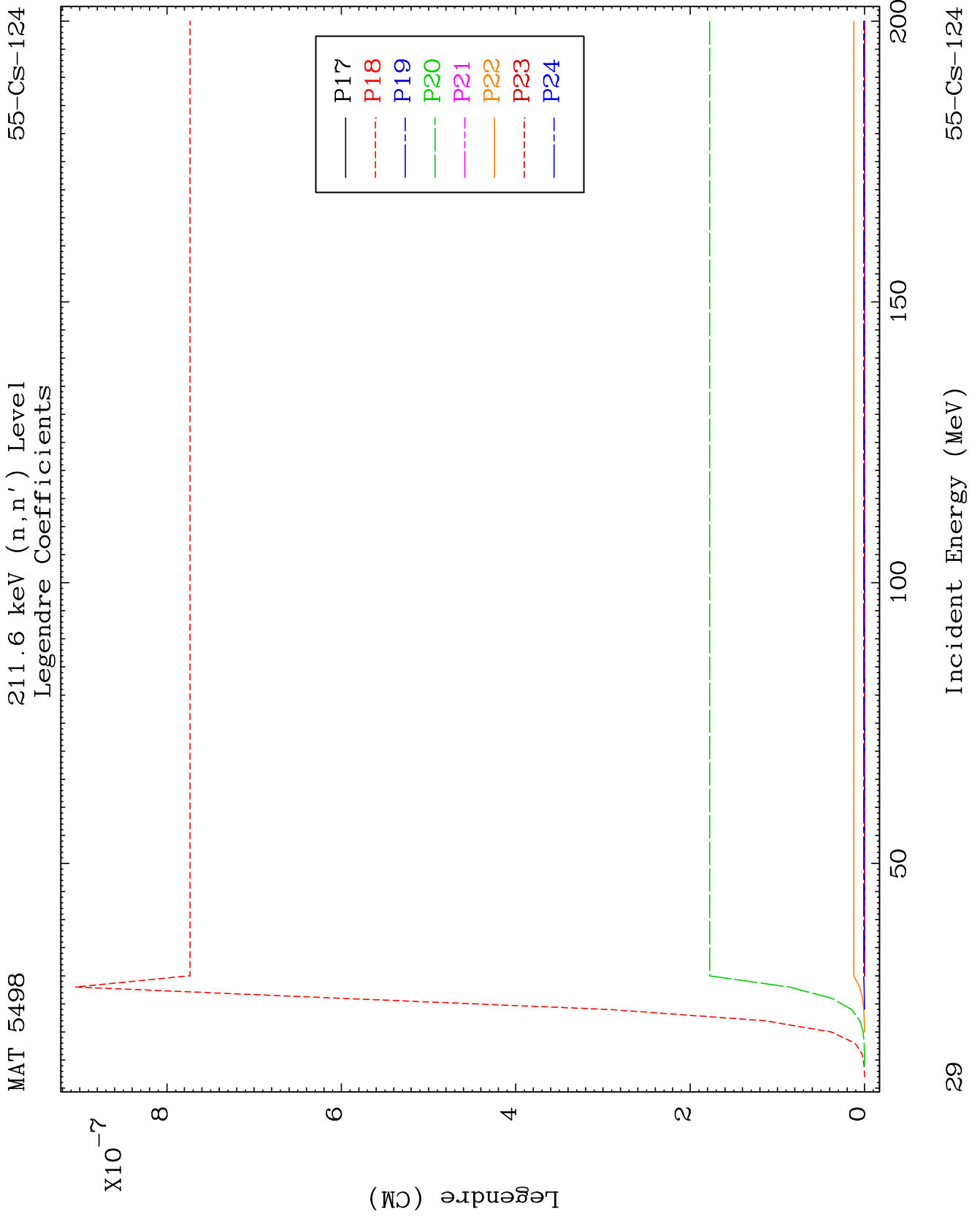




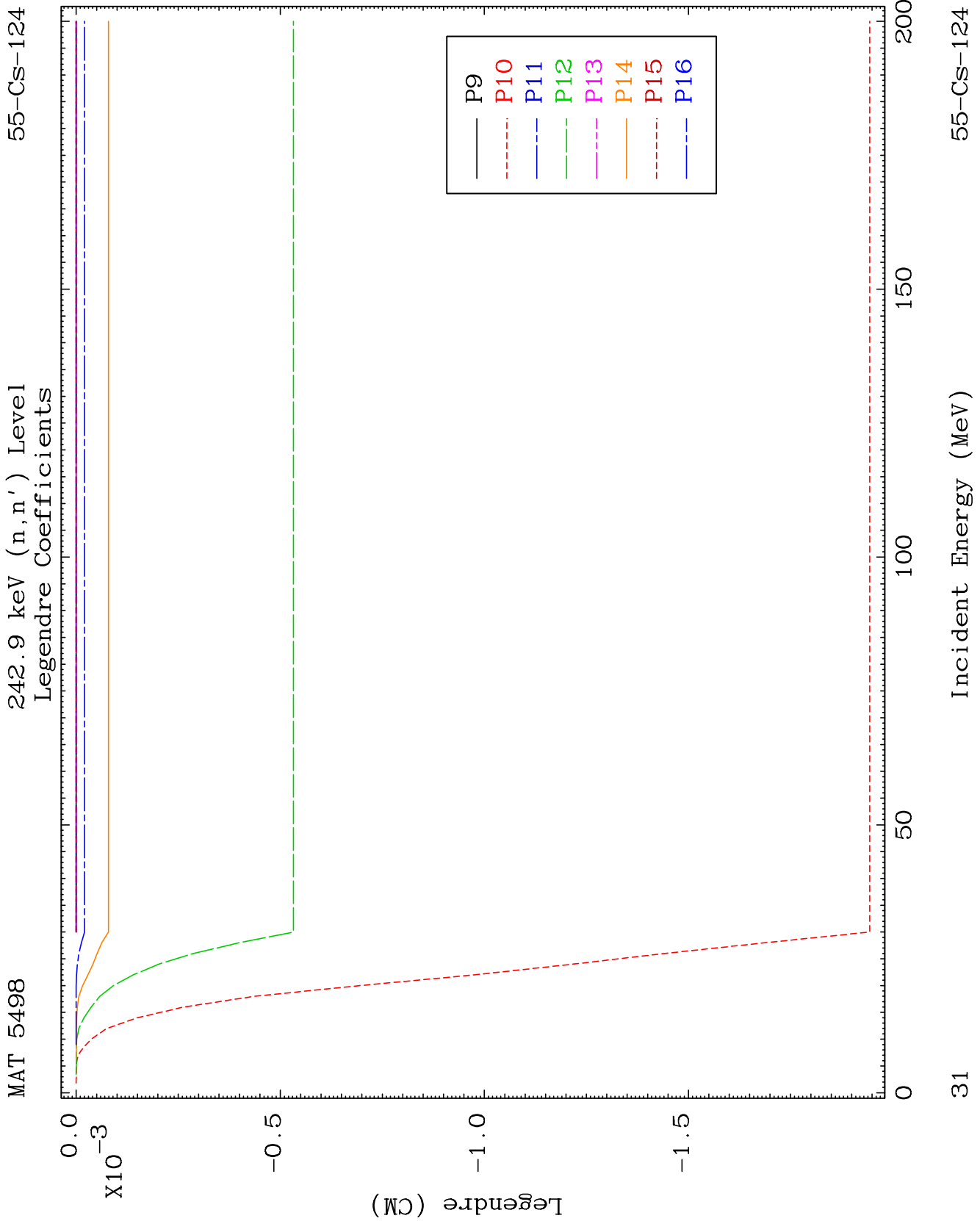














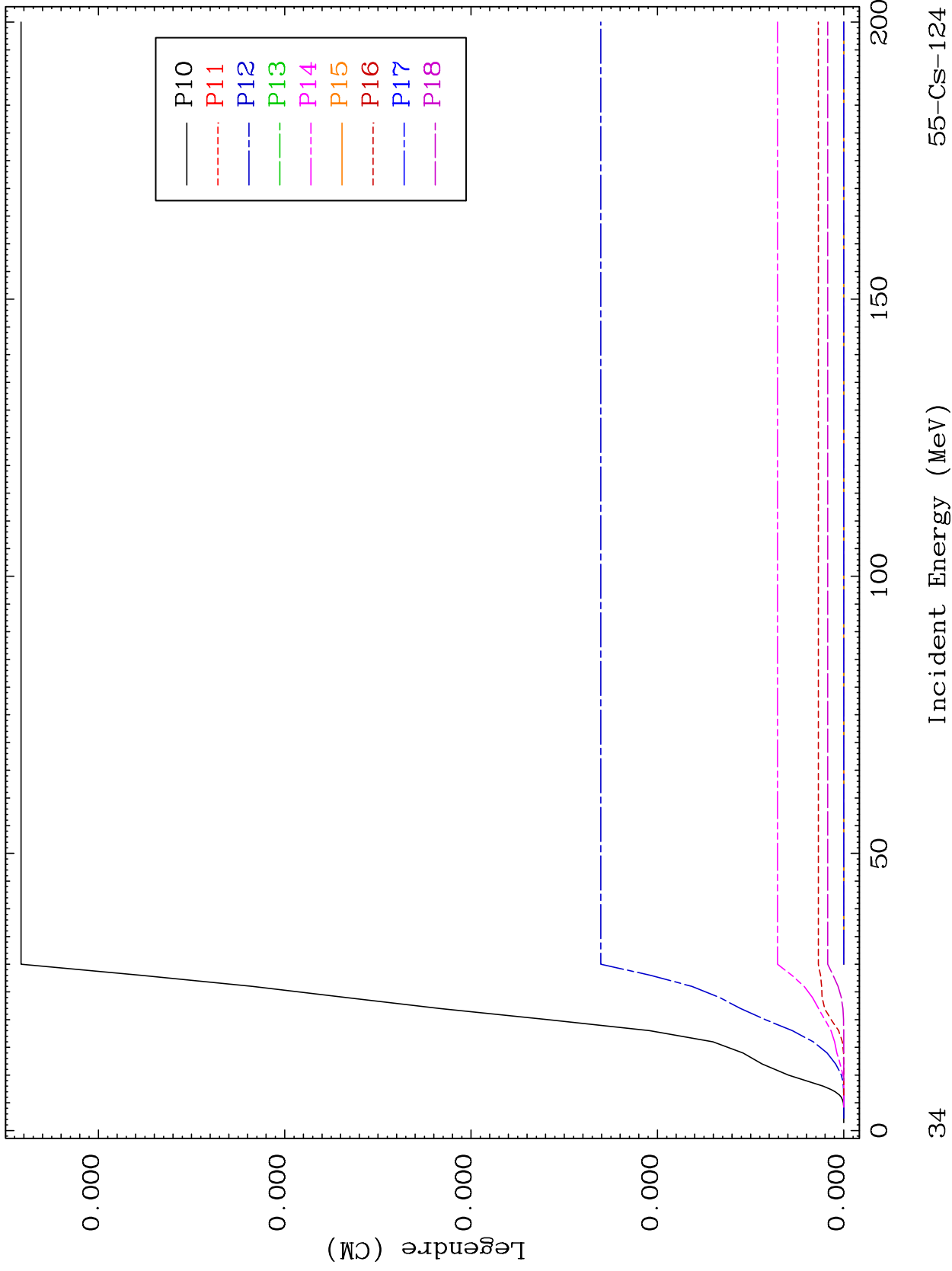




MAT 5498

253.2 keV (n,n') Level  
Legendre Coefficients

55-Cs-124

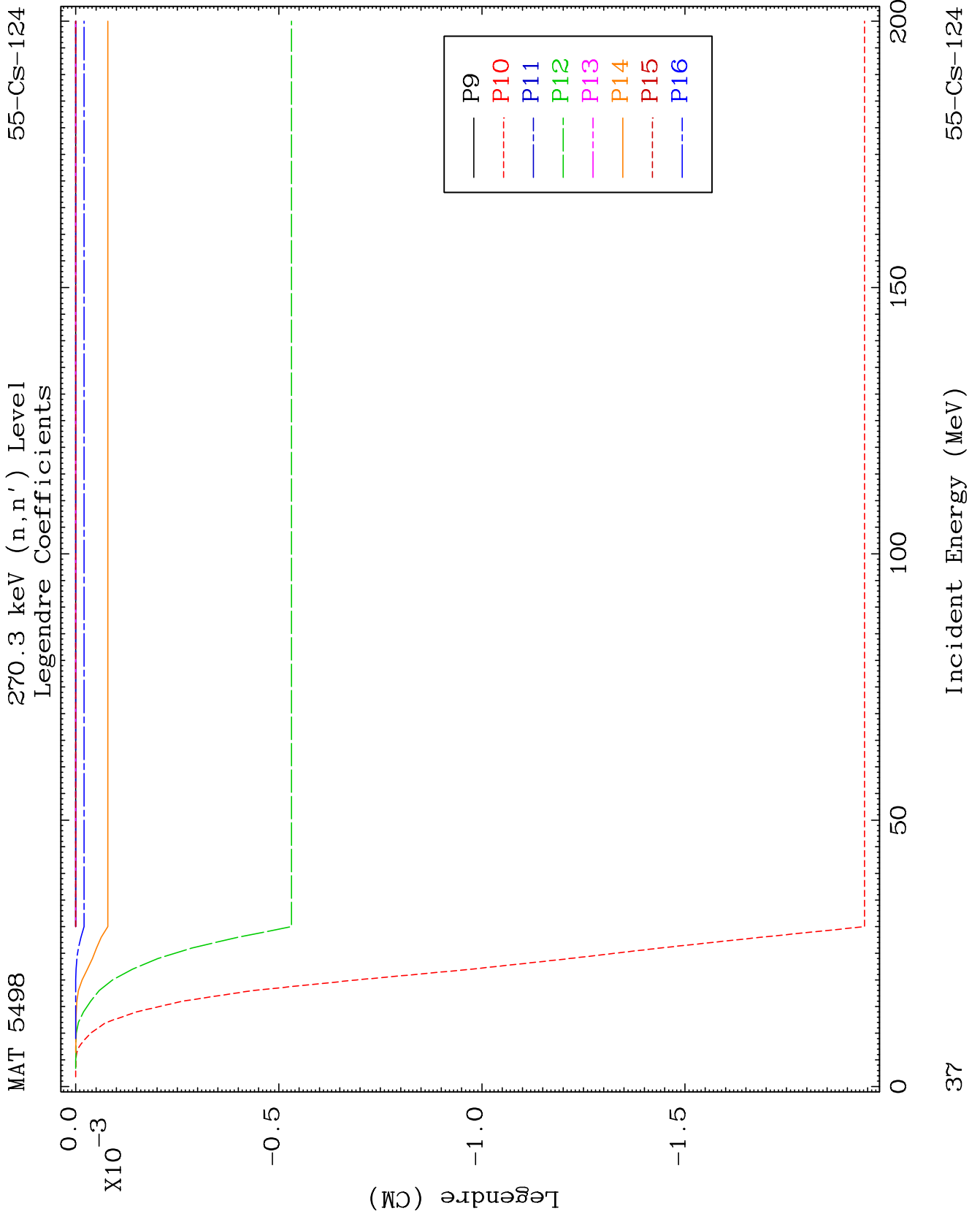


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55-Cs-124









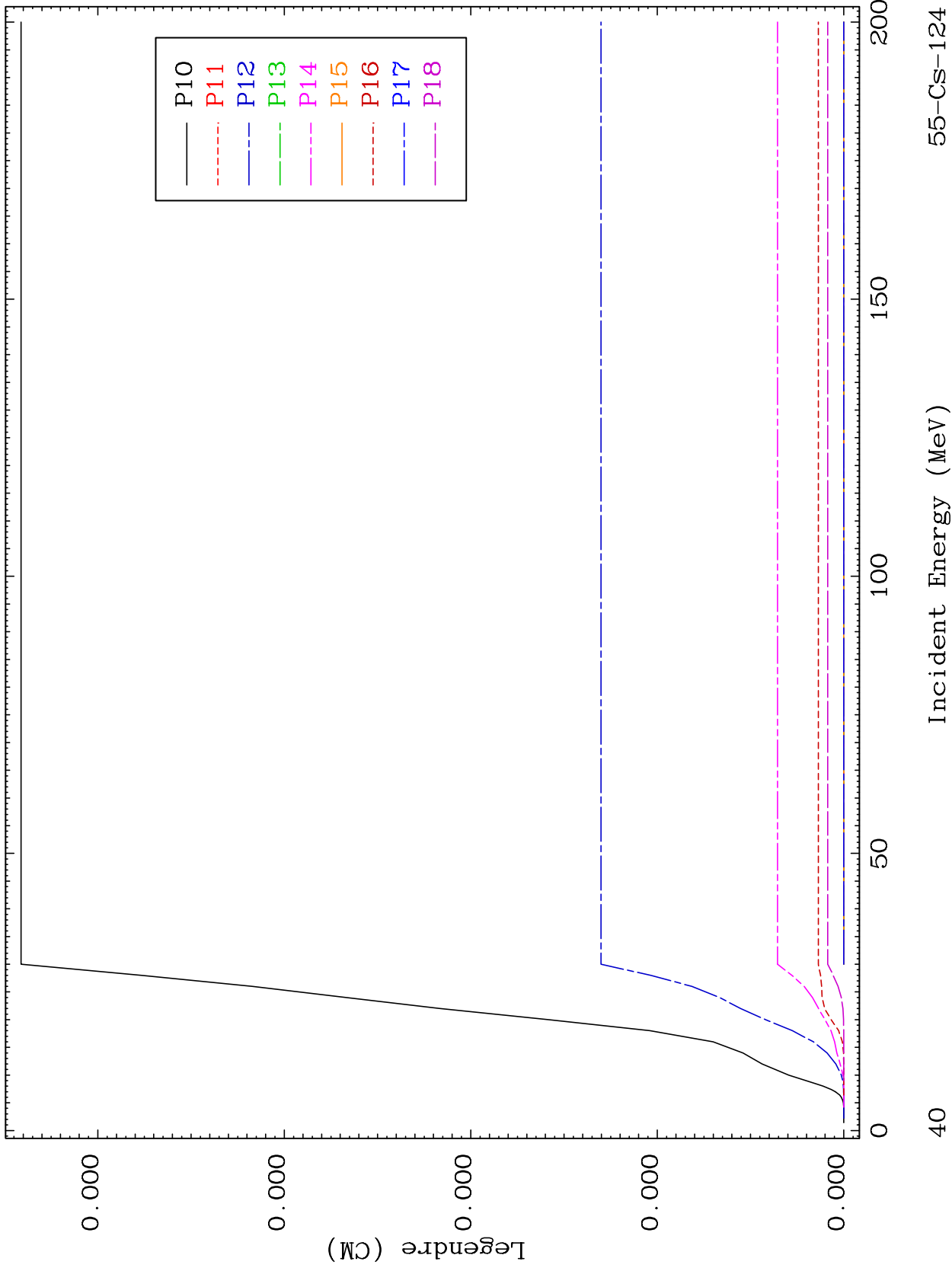




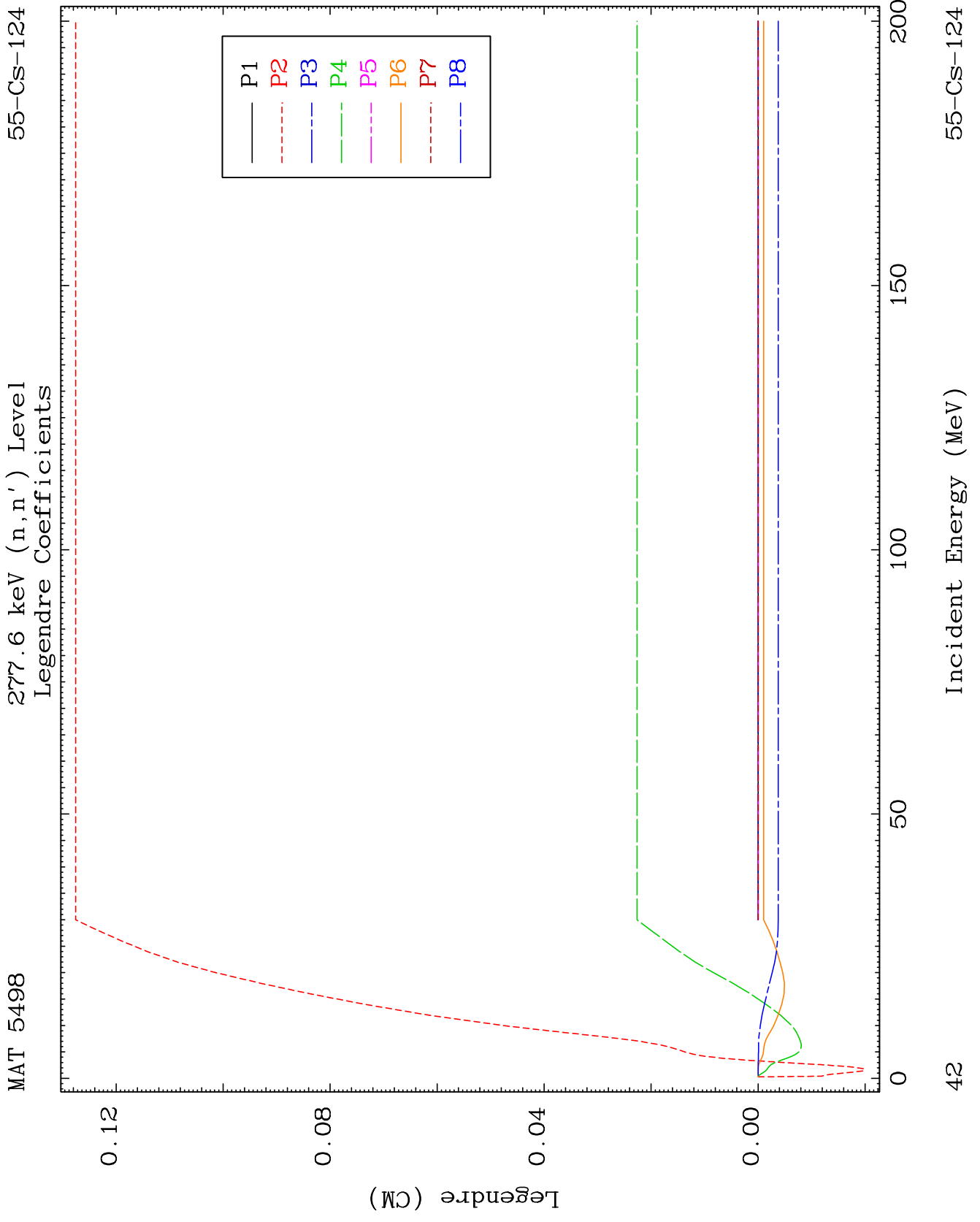
MAT 5498

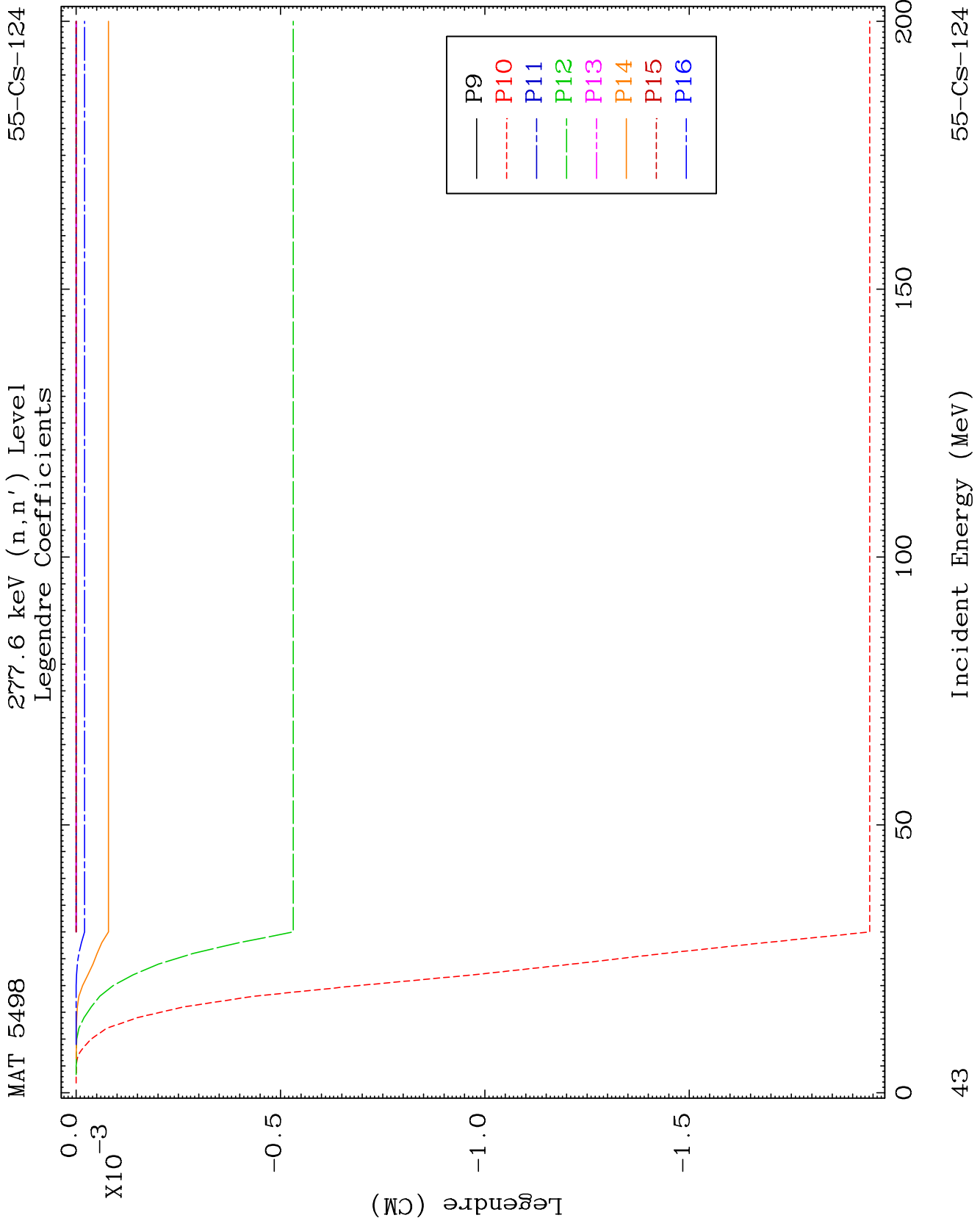
272.1 keV (n,n') Level  
Legendre Coefficients

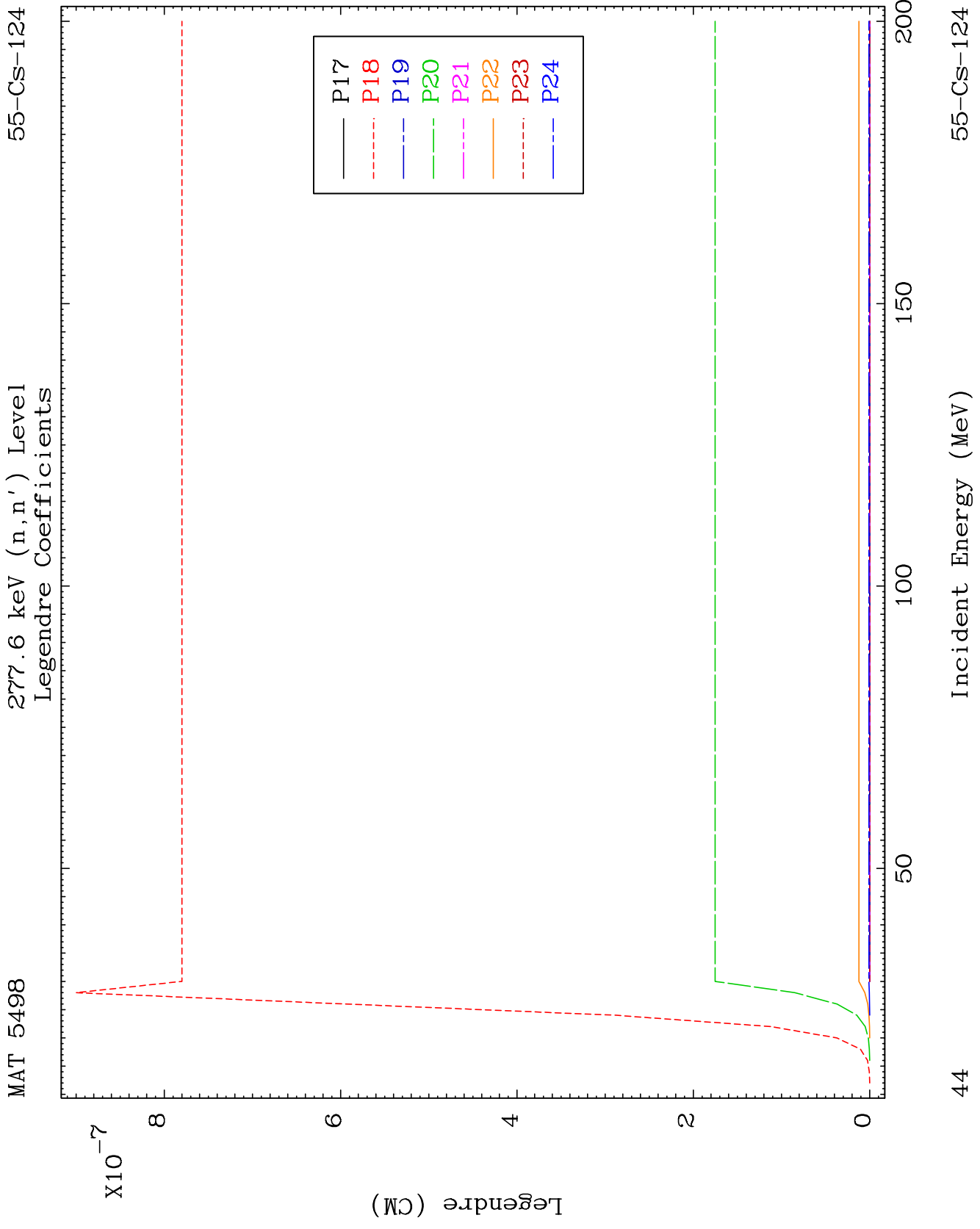
55-Cs-124

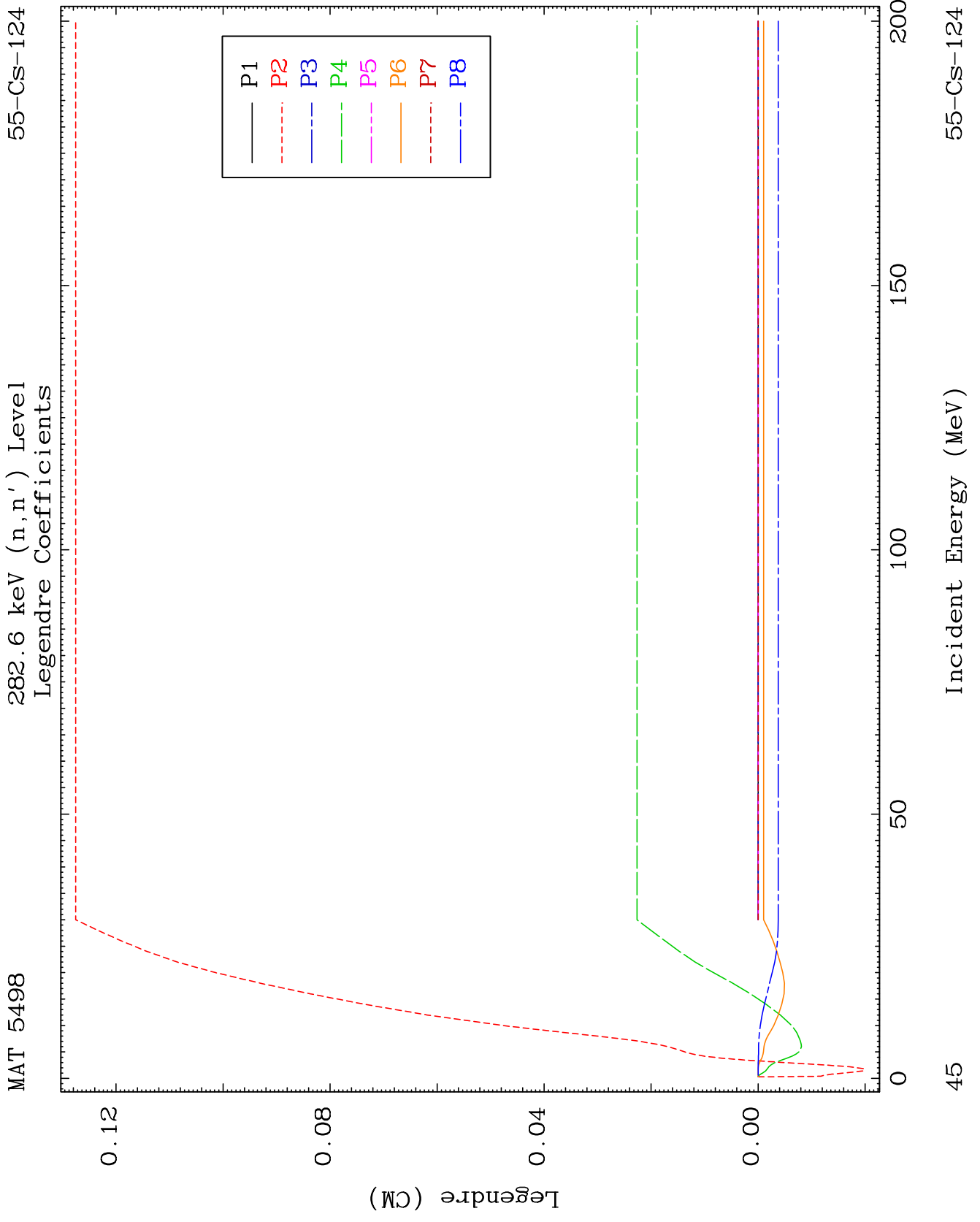


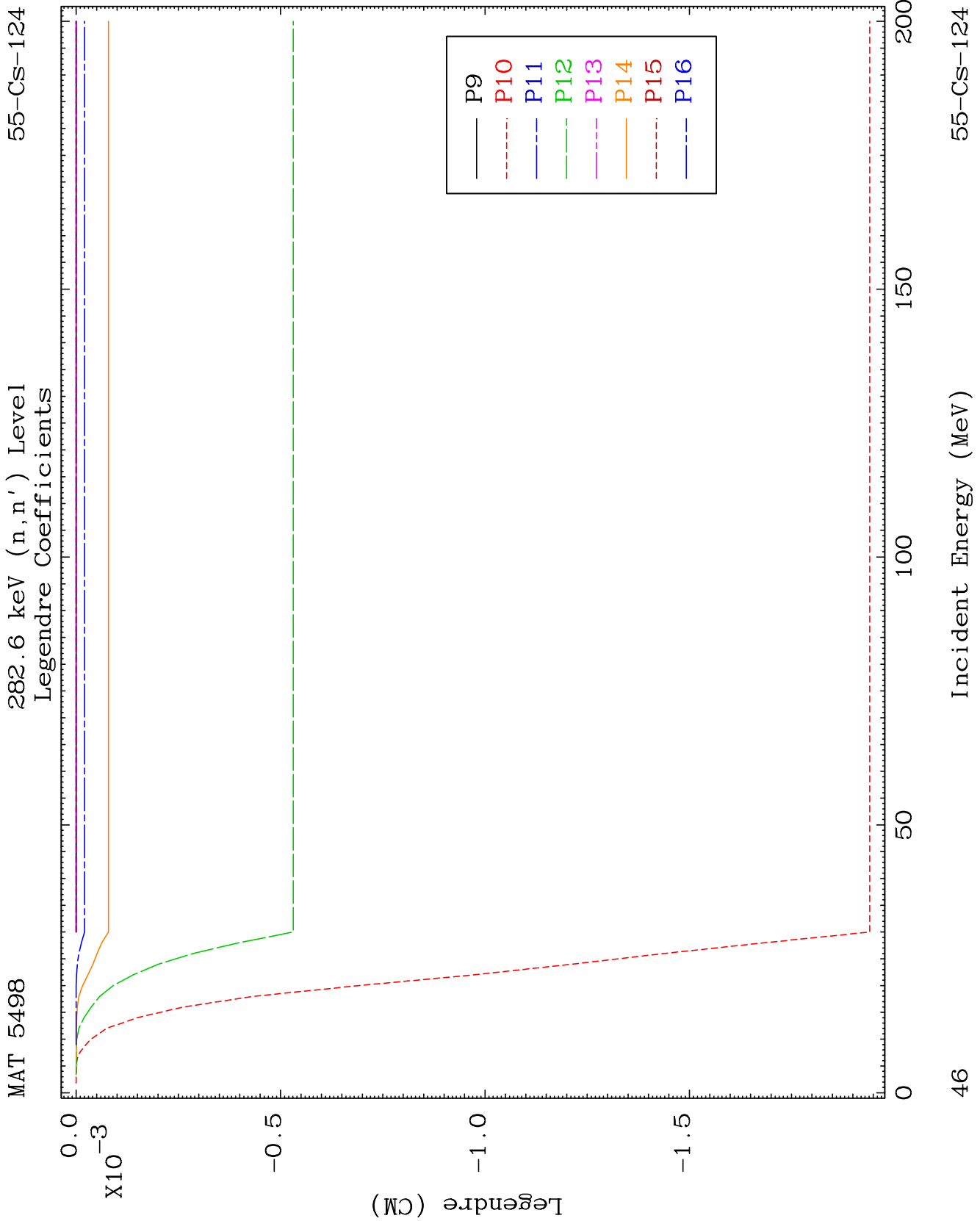


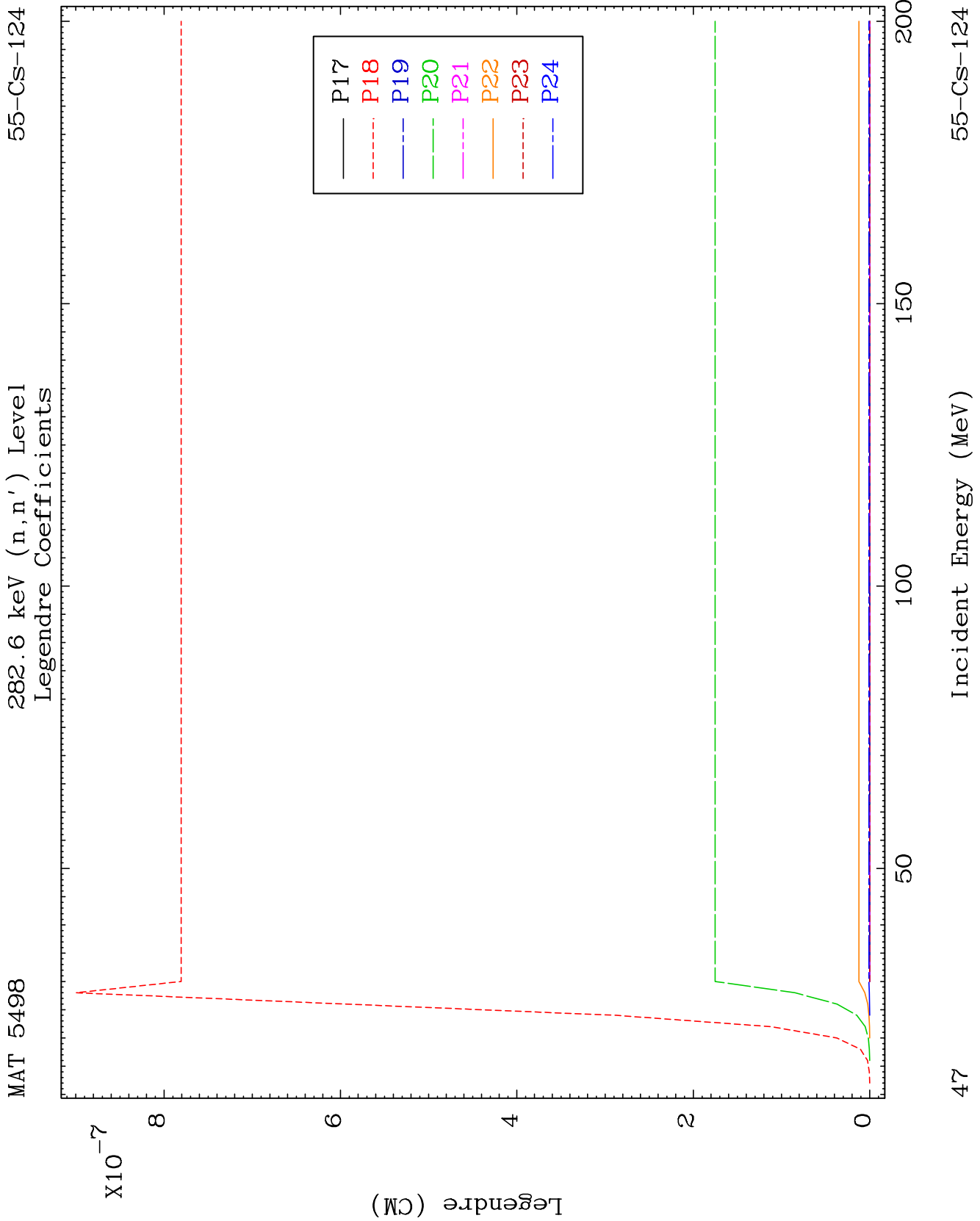












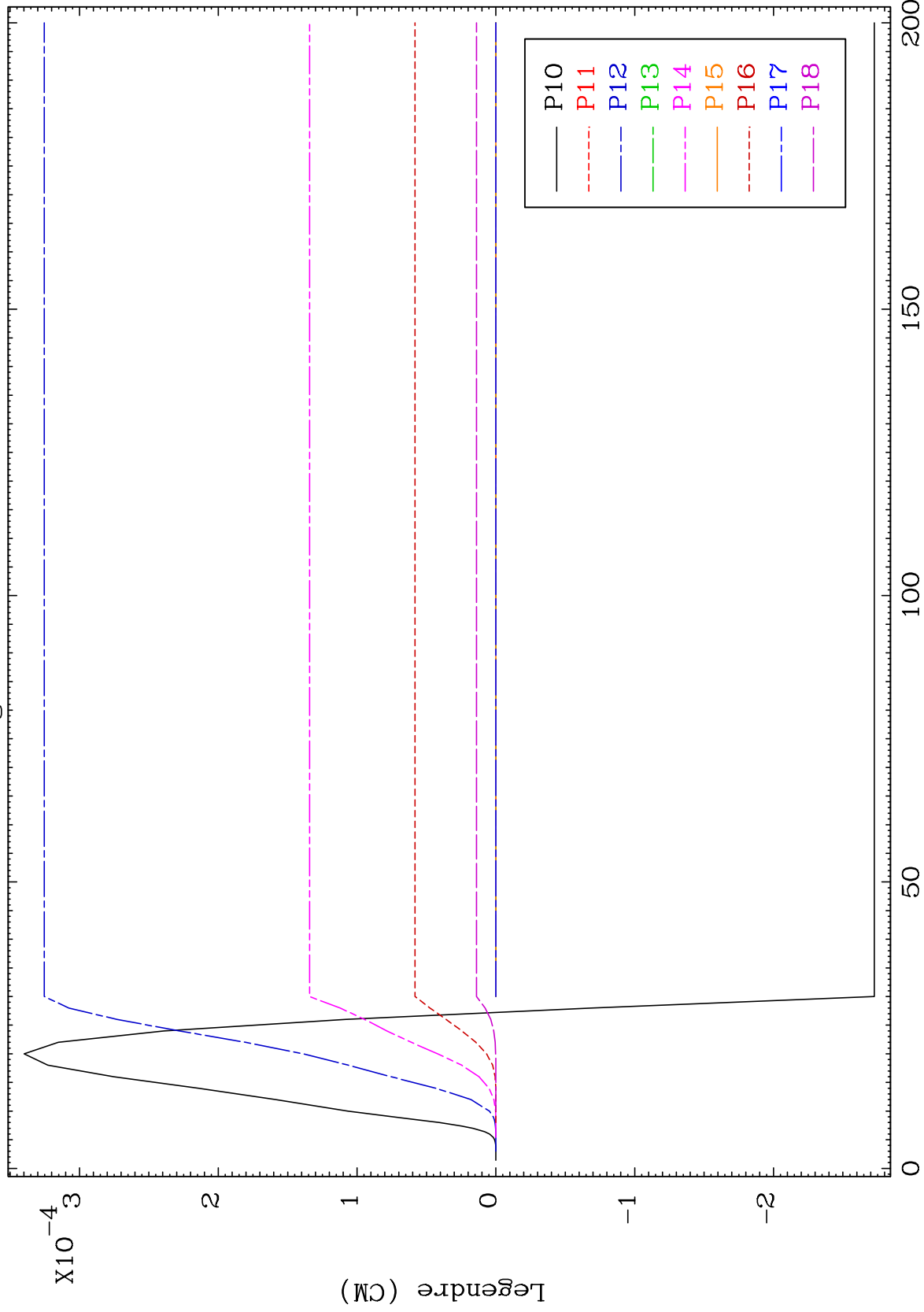




MAT 5498

301.1 keV (n,n') Level  
Legendre Coefficients

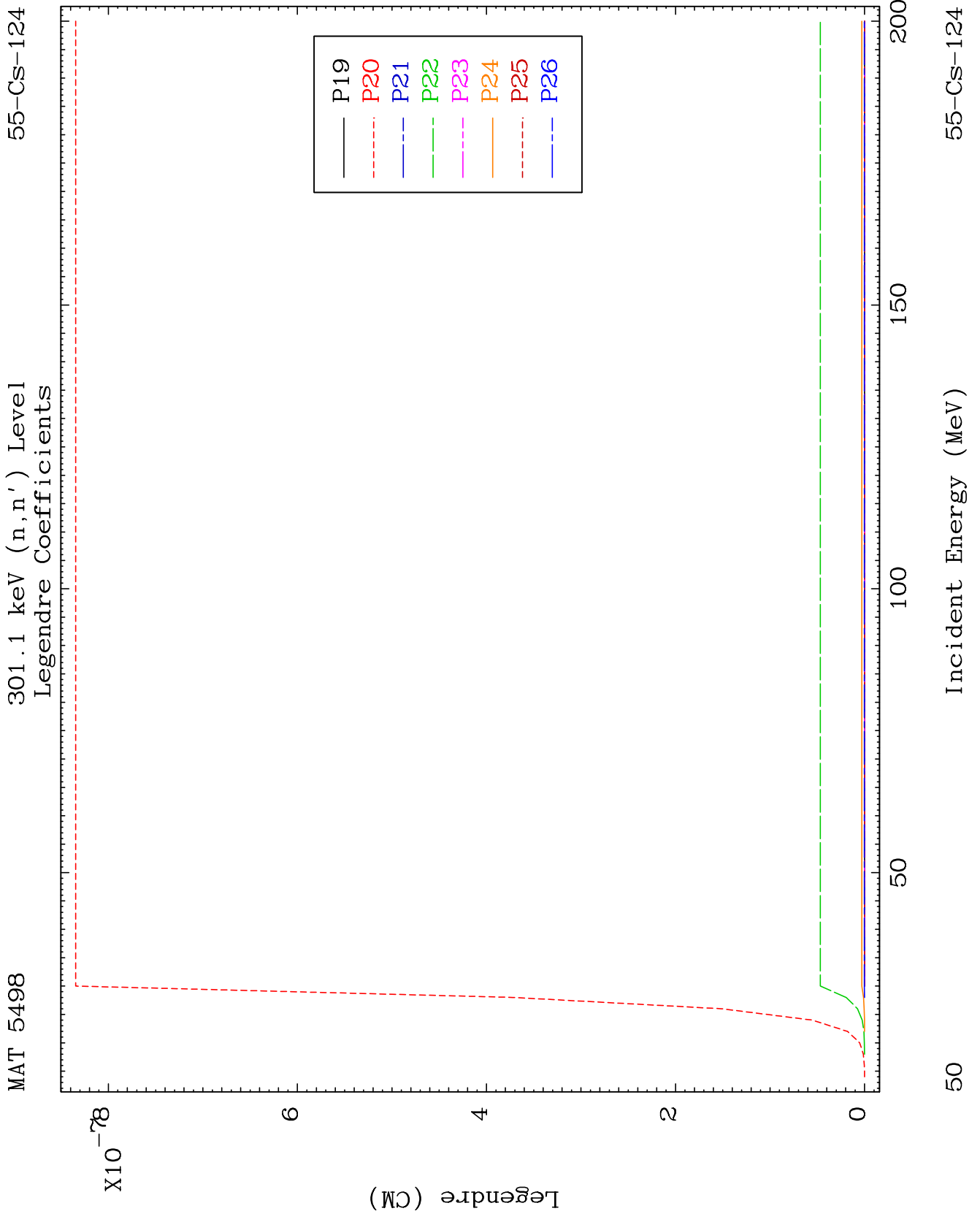
55-Cs-124



49

Incident Energy (MeV)

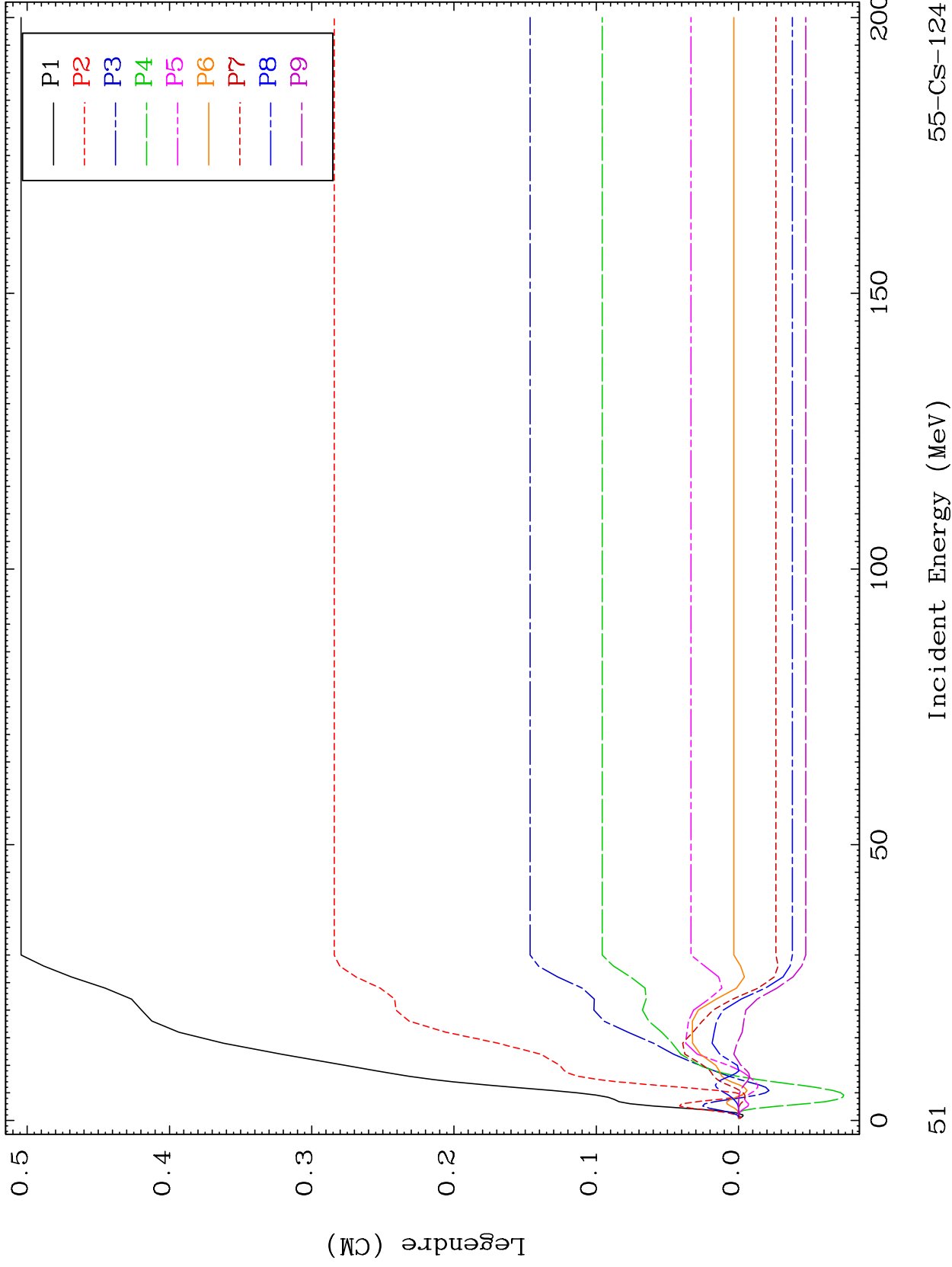
55-Cs-124



MAT 5498

312.5 keV (n,n') Level  
Legendre Coefficients

55-Cs-124



51

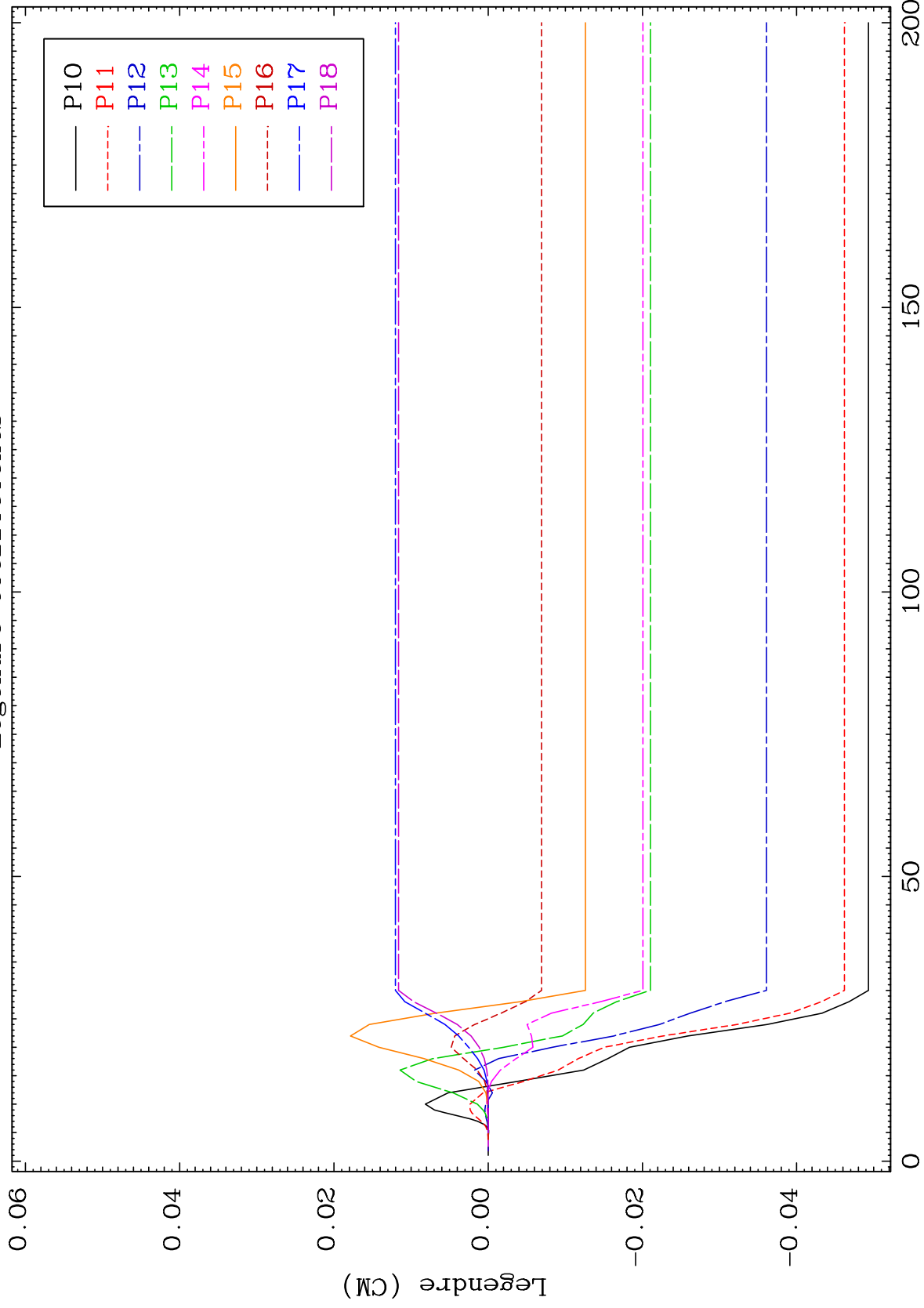
Incident Energy (MeV)

55-Cs-124

MAT 5498

312.5 keV (n,n') Level  
Legendre Coefficients

55-Cs-124



52

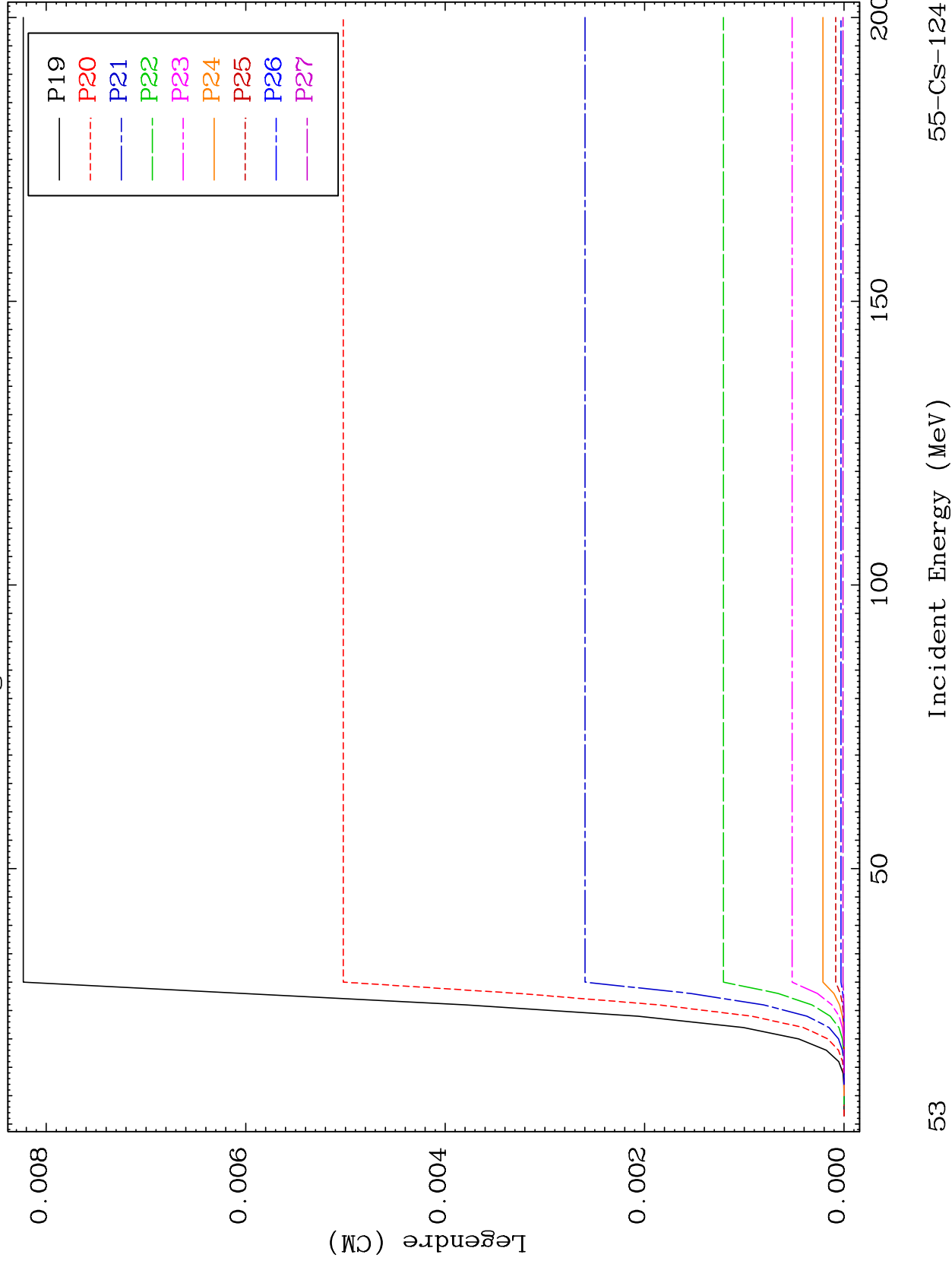
Incident Energy (MeV)

55-Cs-124

MAT 5498

312.5 keV (n, n') Level  
Legendre Coefficients

55-Cs-124



53

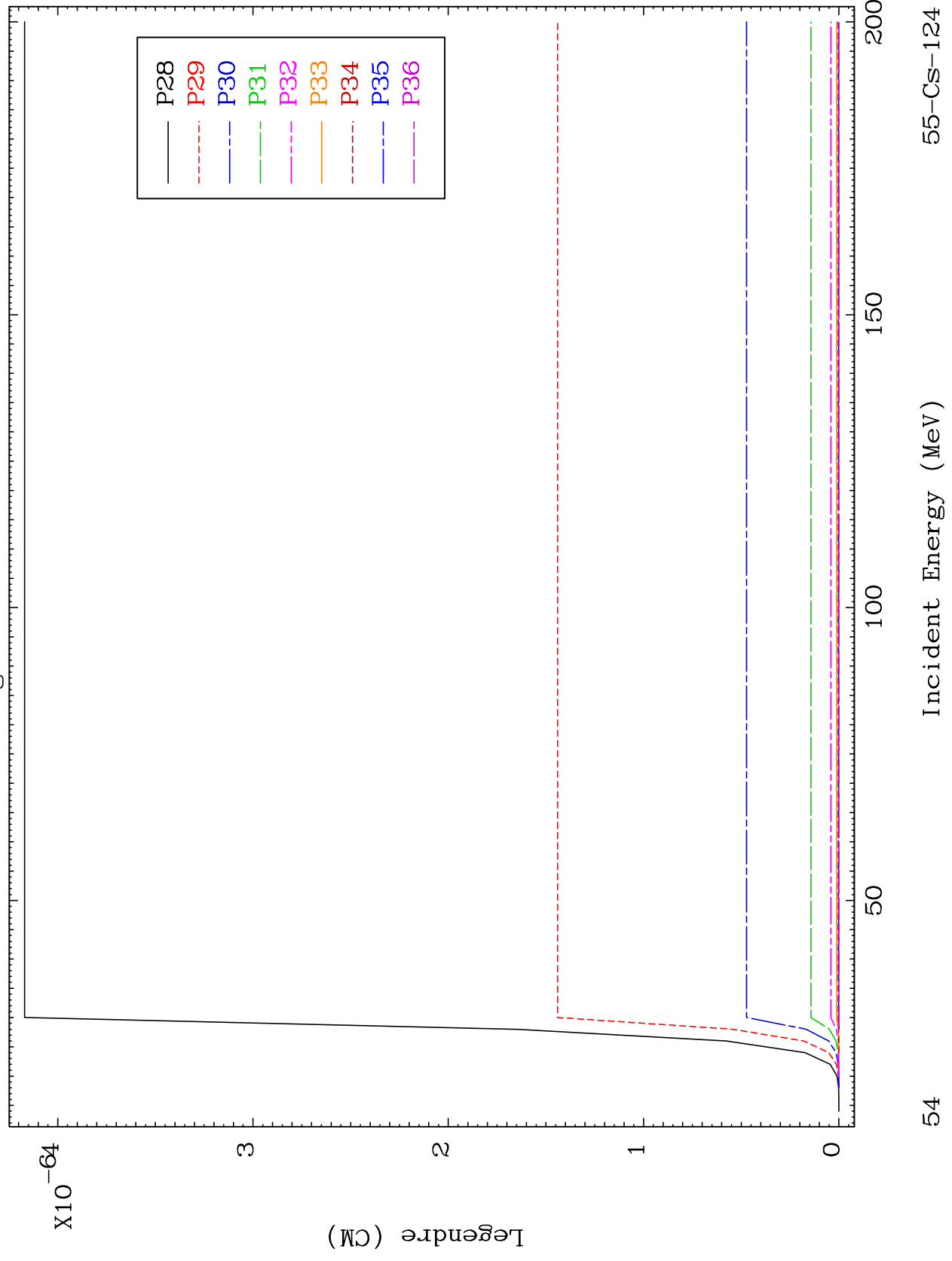
Incident Energy (MeV)

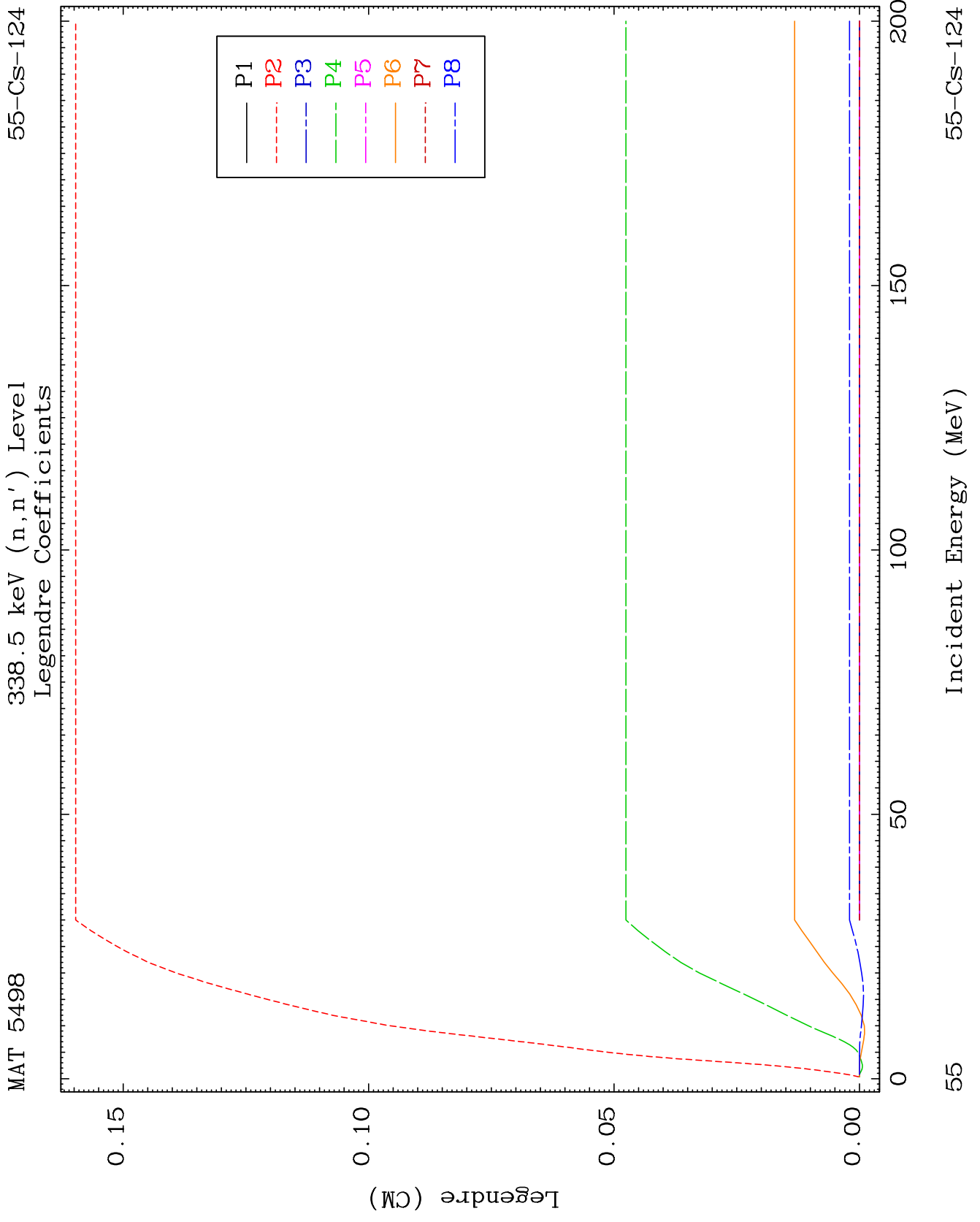
55-Cs-124

MAT 5498

312.5 keV (n, n') Level  
Legendre Coefficients

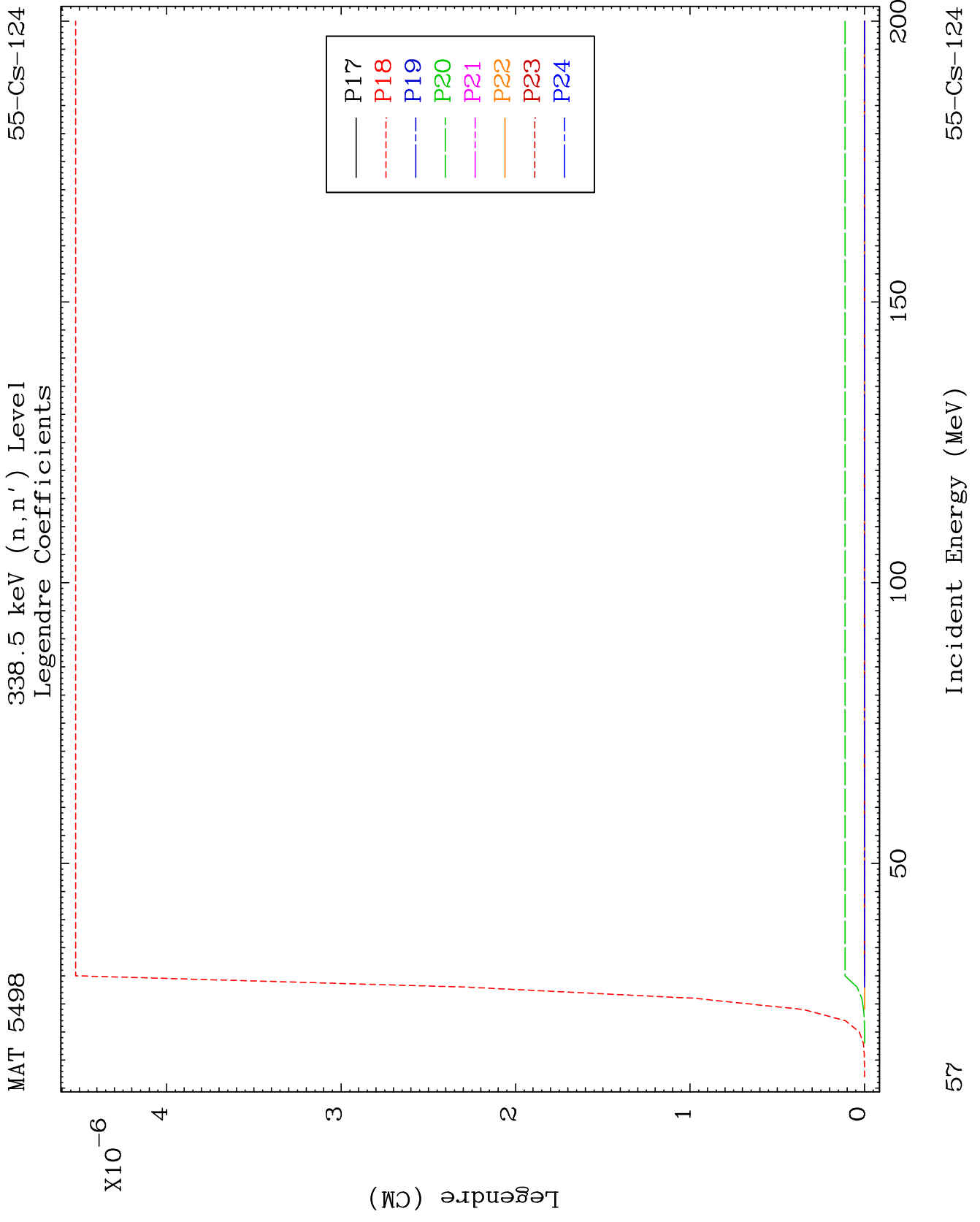
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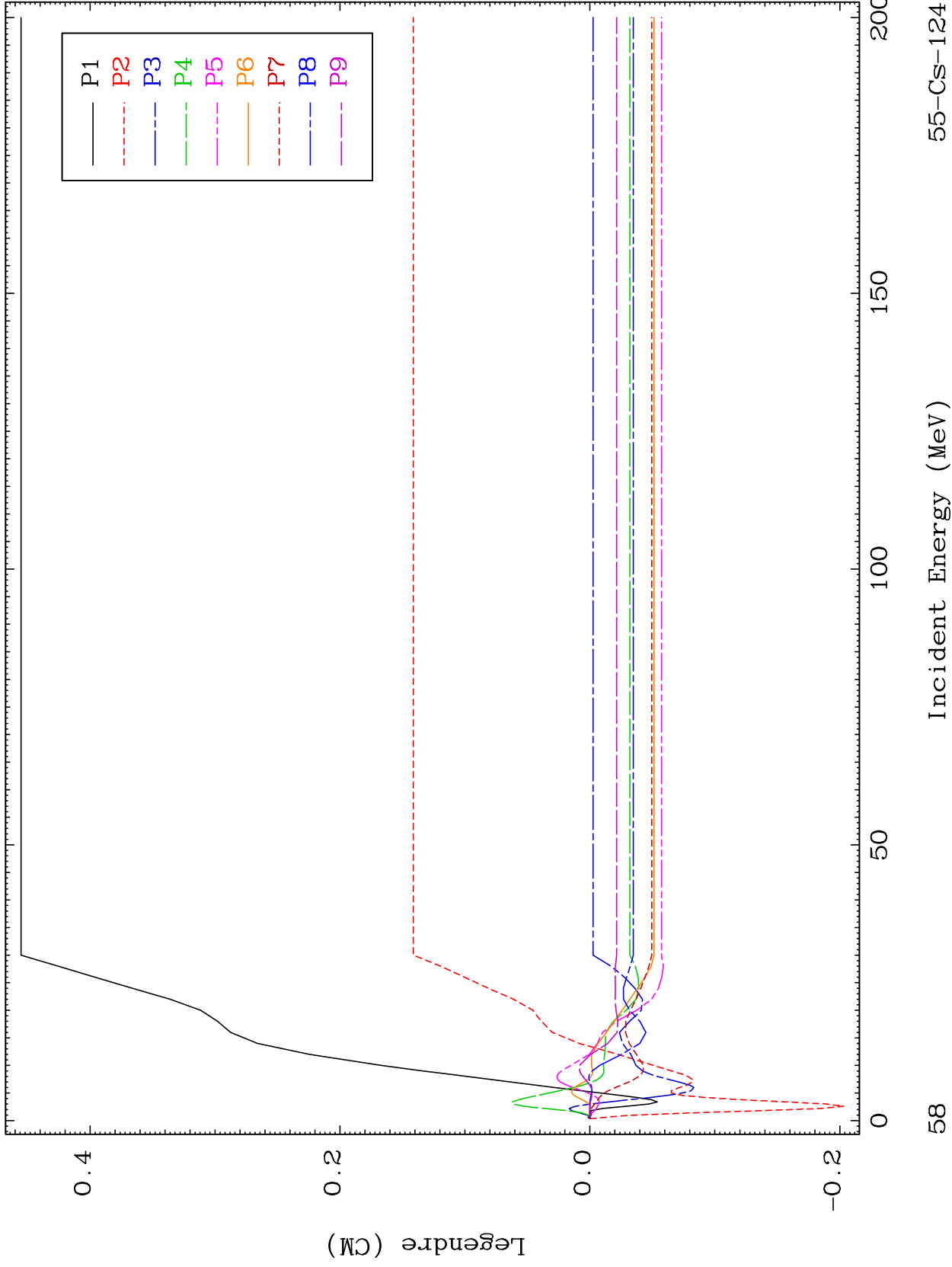




MAT 5498

348.8 keV (n,n') Level  
Legendre Coefficients

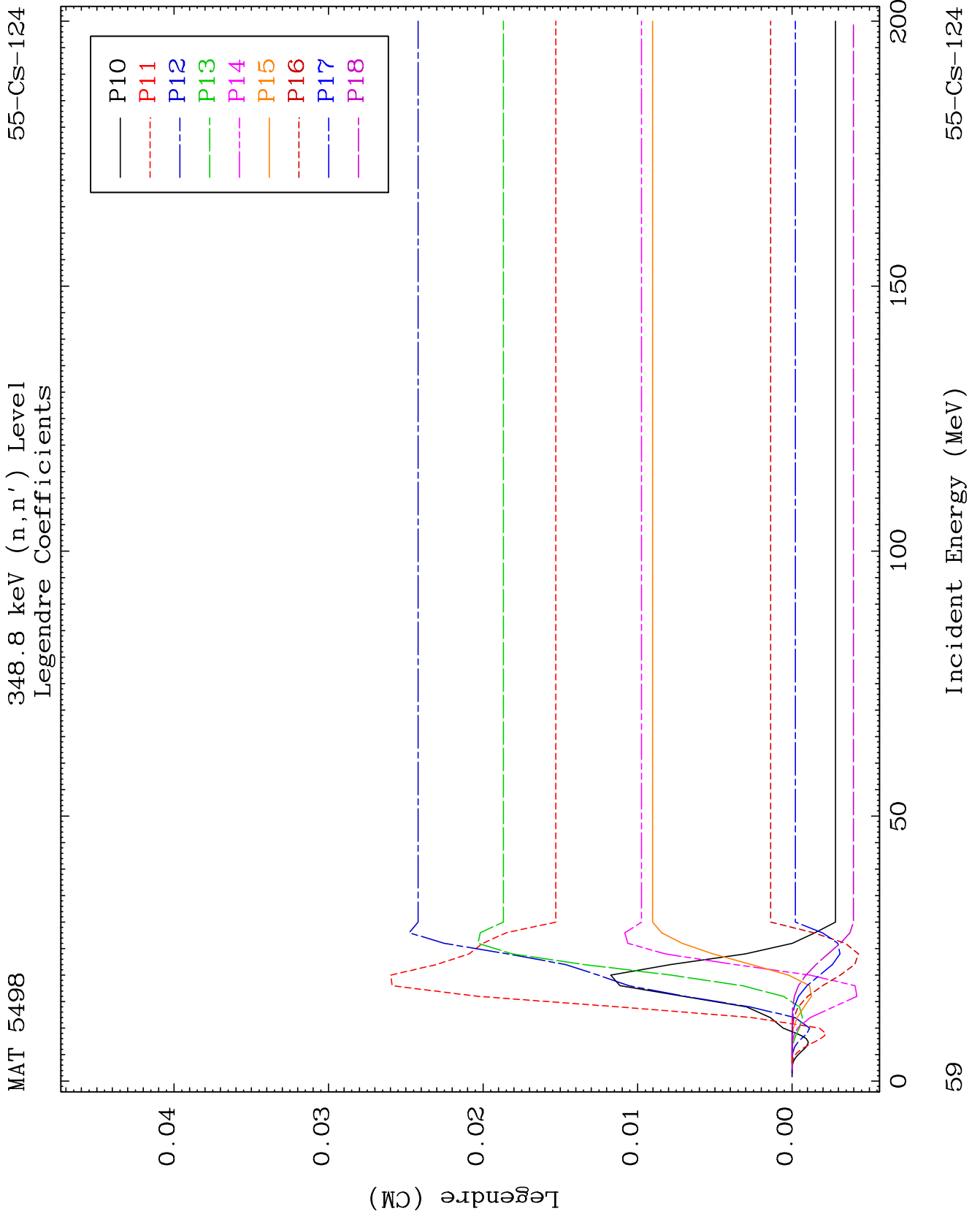
55-Cs-124



55-Cs-124

Incident Energy (MeV)

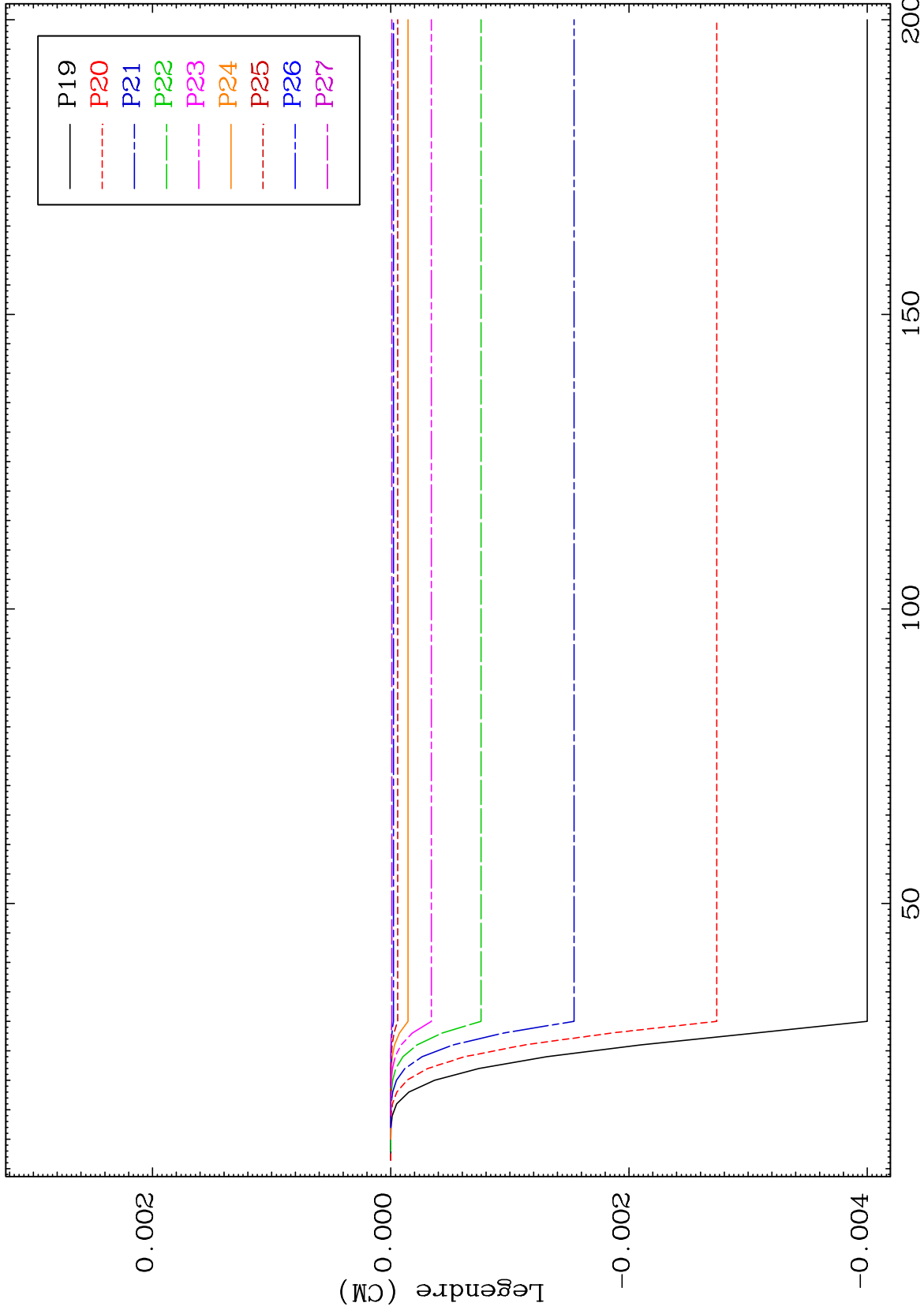
58



MAT 5498

348.8 keV (n,n') Level  
Legendre Coefficients

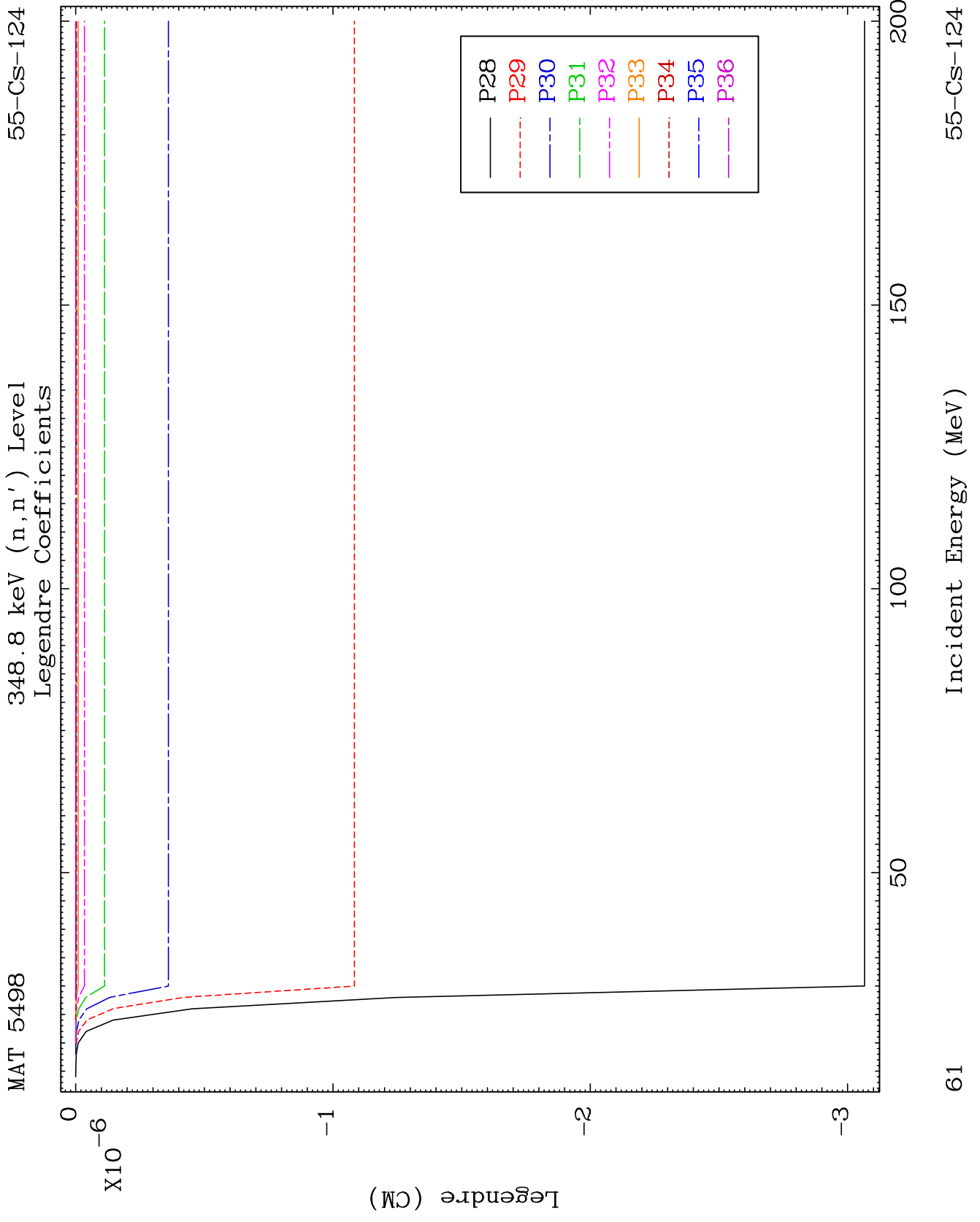
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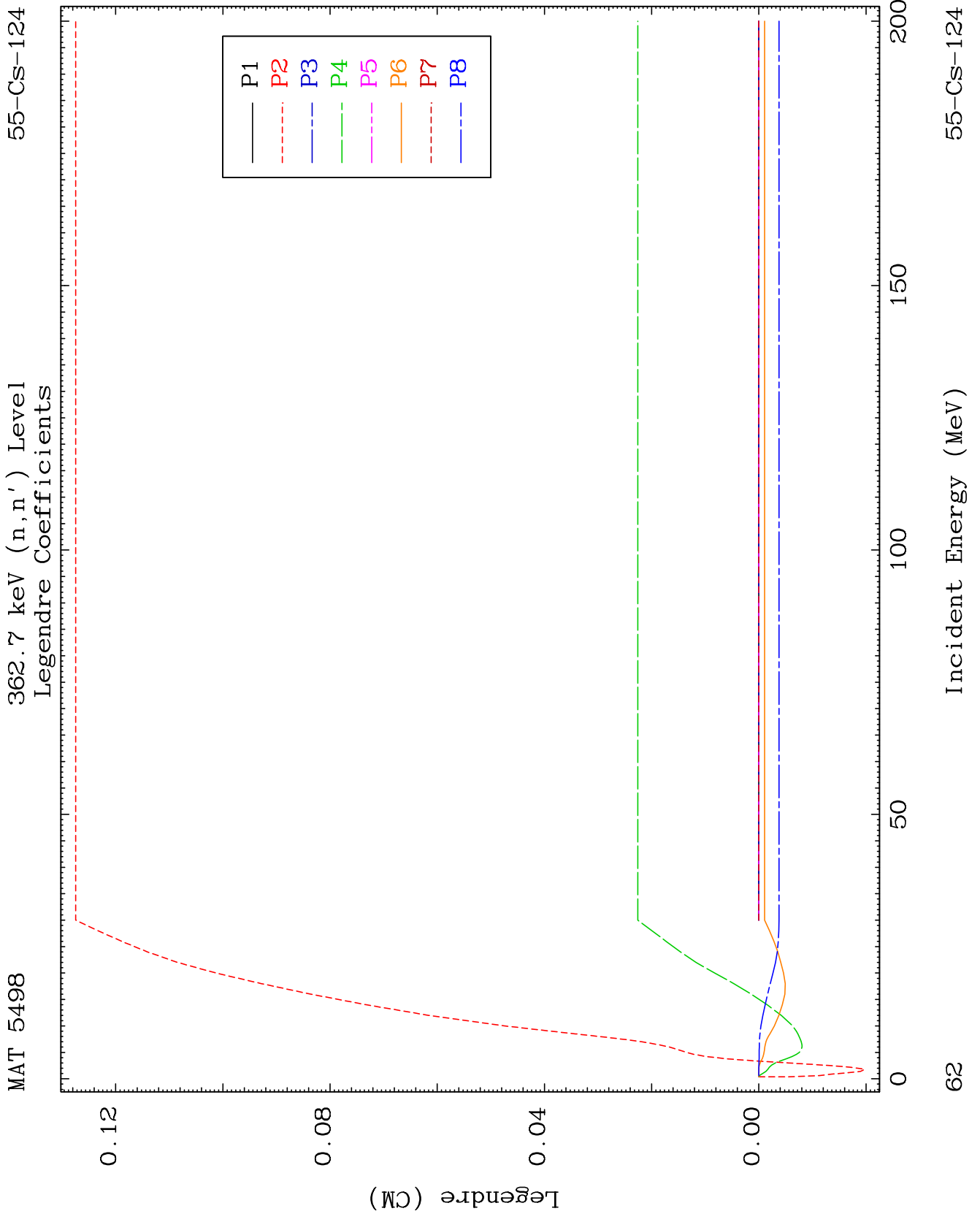


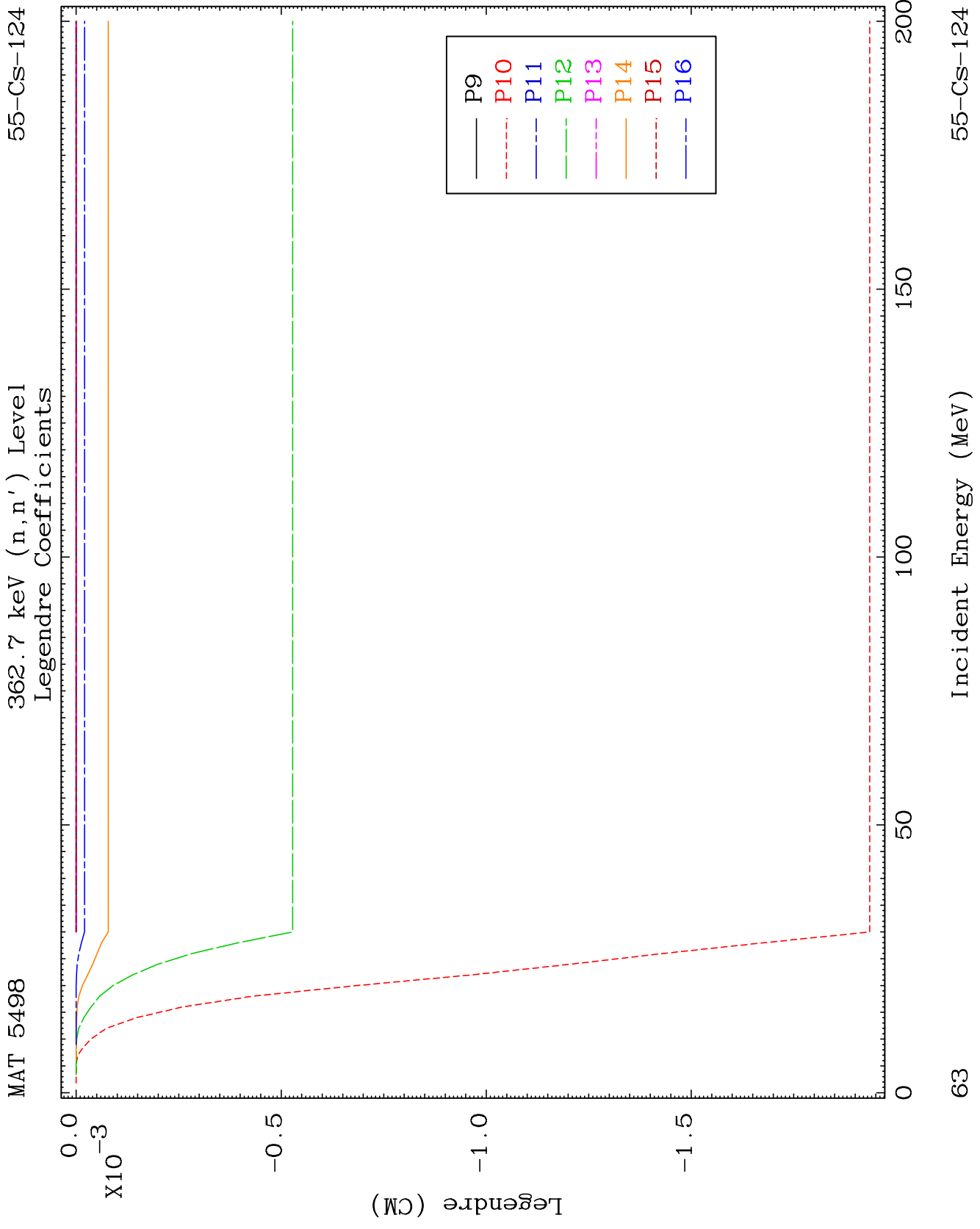
60

Incident Energy (MeV)

55-Cs-124





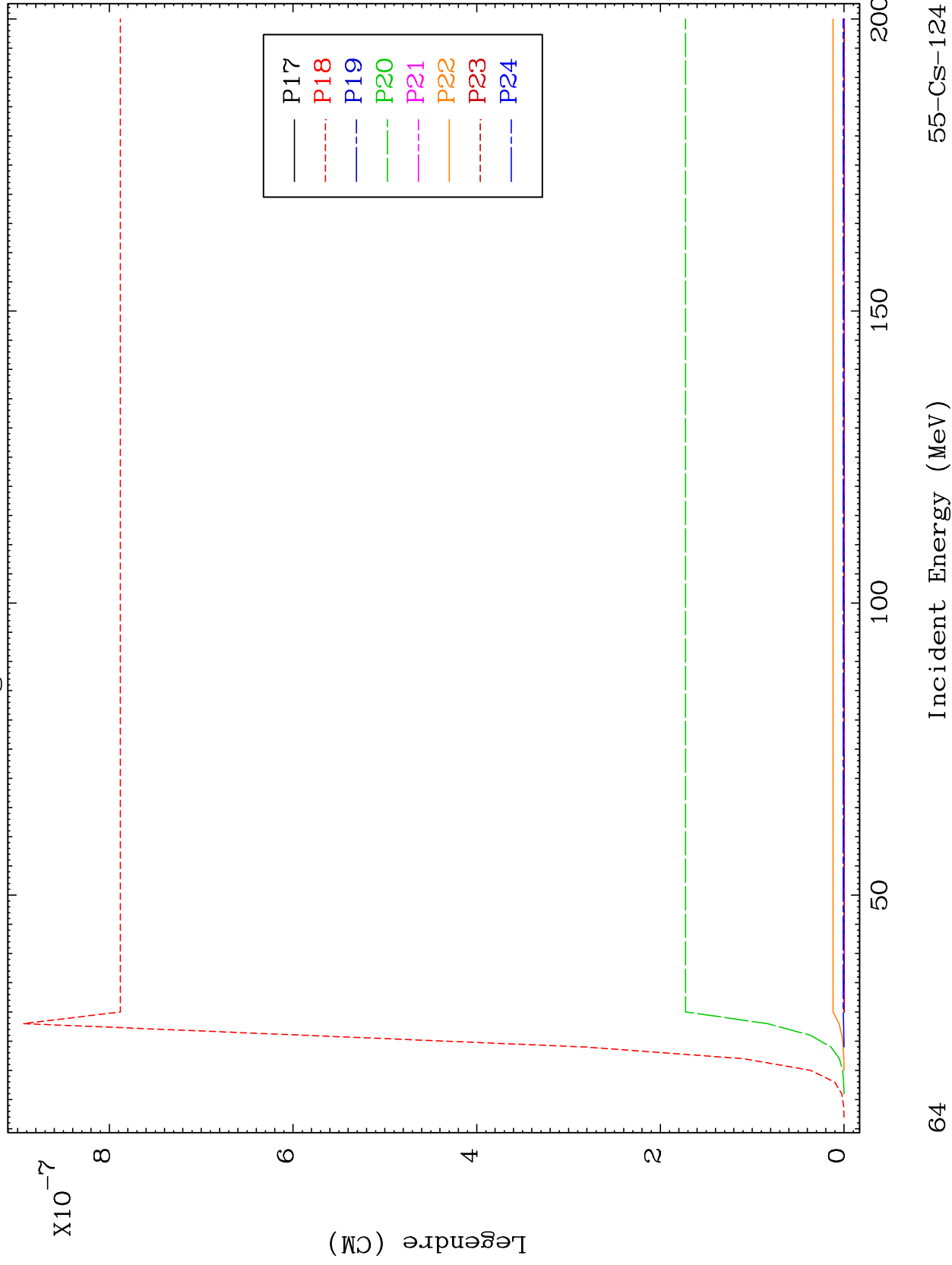




MAT 5498

362.7 keV (n,n') Level  
Legendre Coefficients

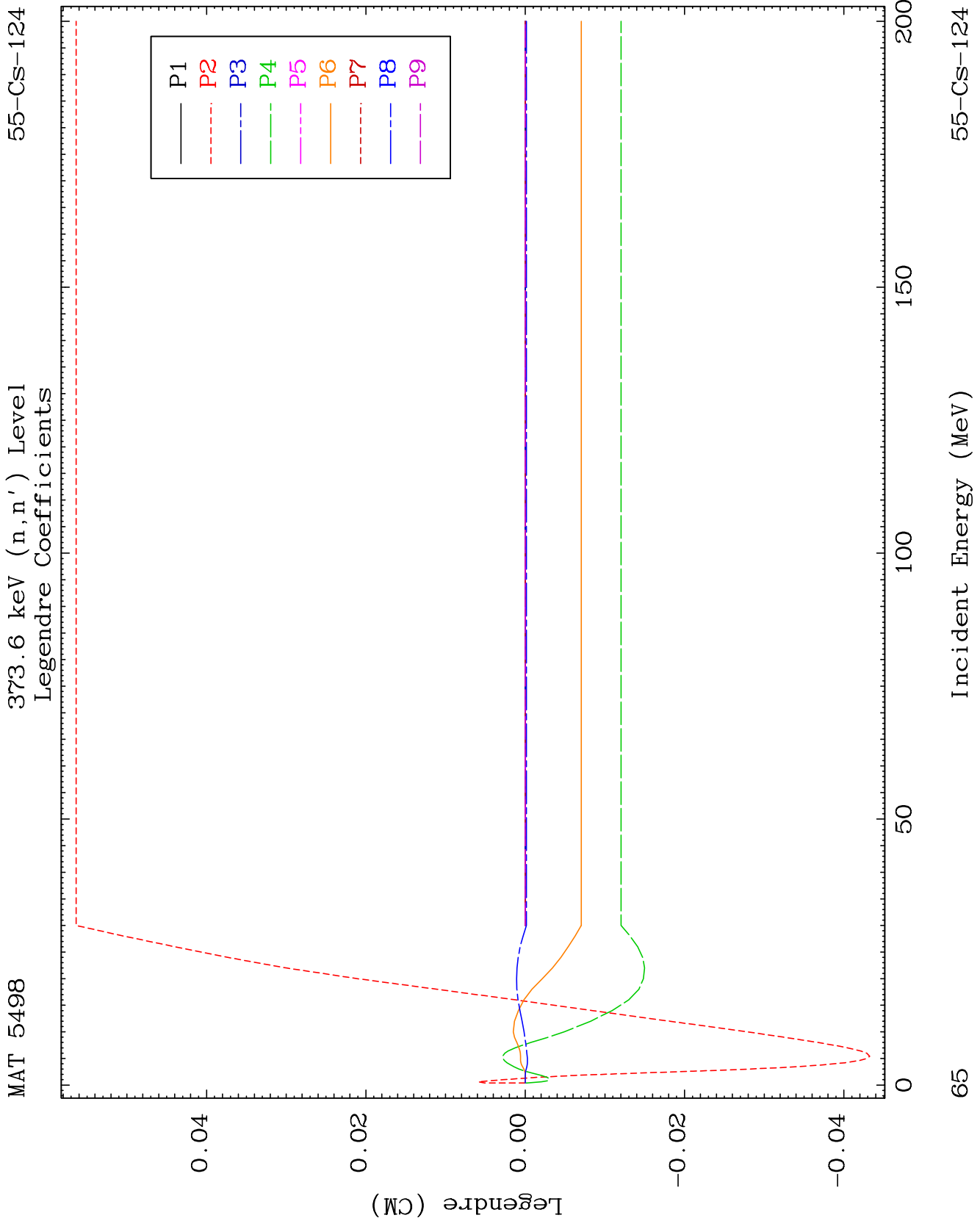
55-Cs-124



64

Incident Energy (MeV)

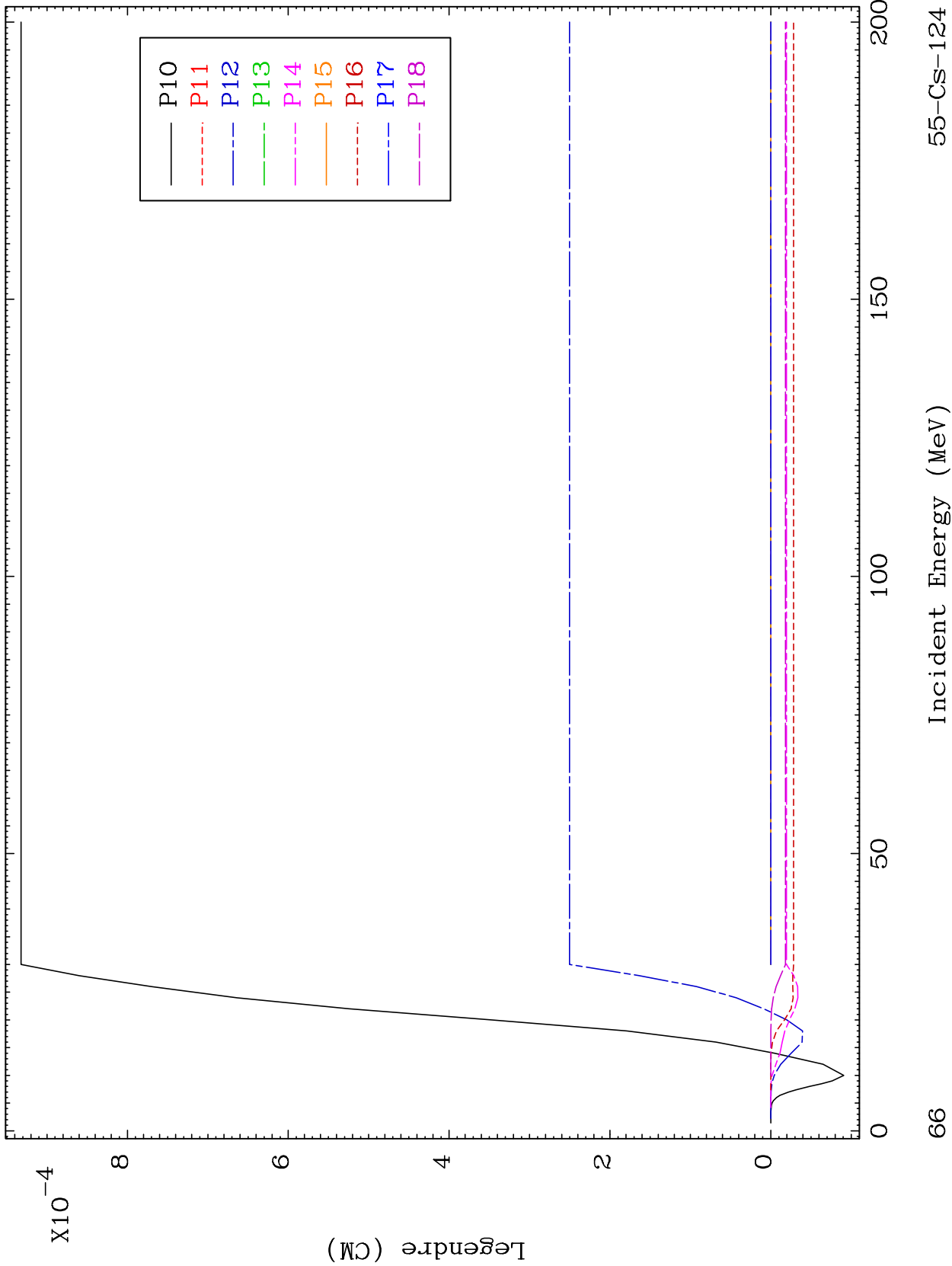
55-Cs-124

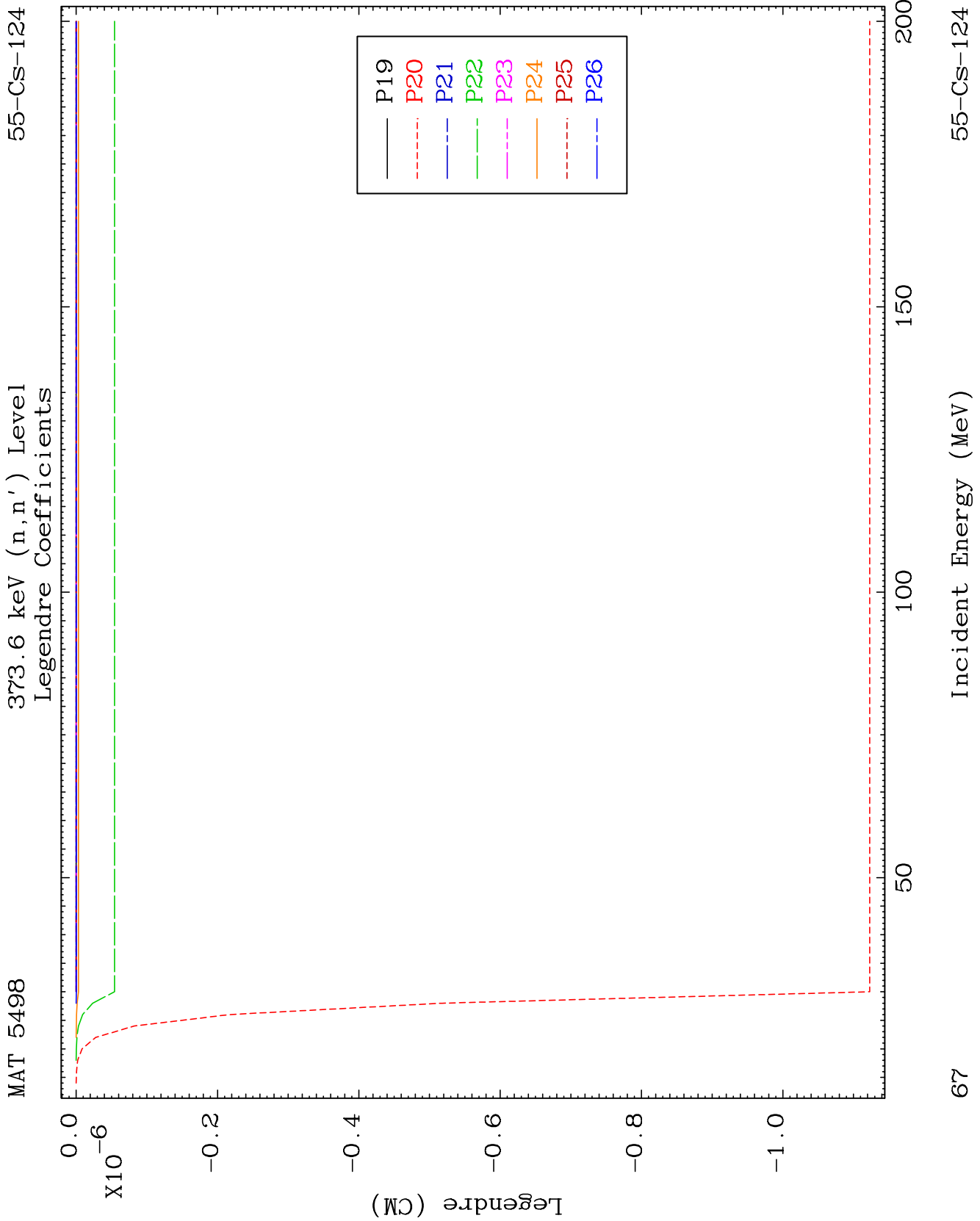


MAT 5498

373.6 keV (n,n') Level  
Legendre Coefficients

55-Cs-124

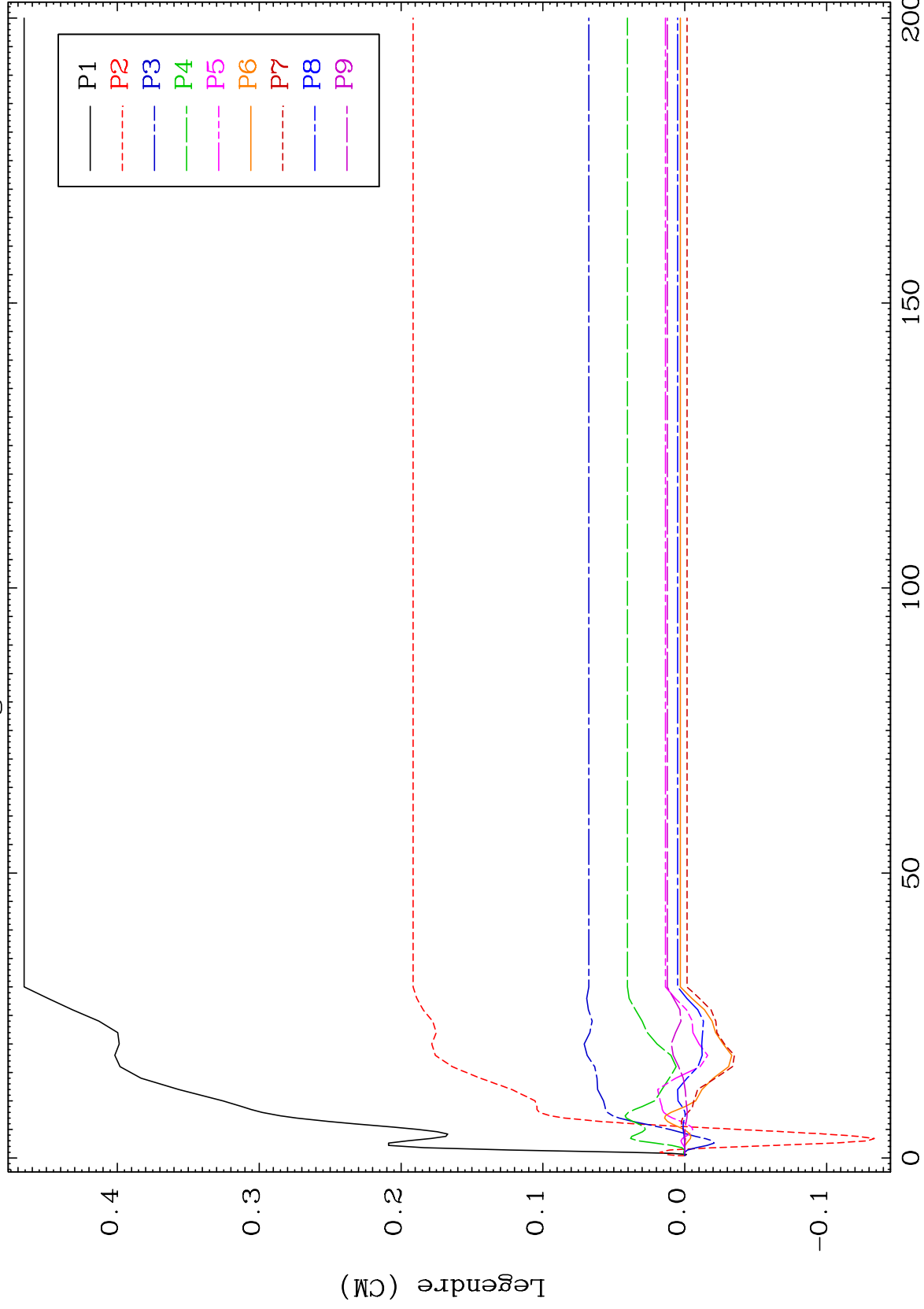




MAT 5498

379.1 keV (n,n') Level  
Legendre Coefficients

55-Cs-124



68

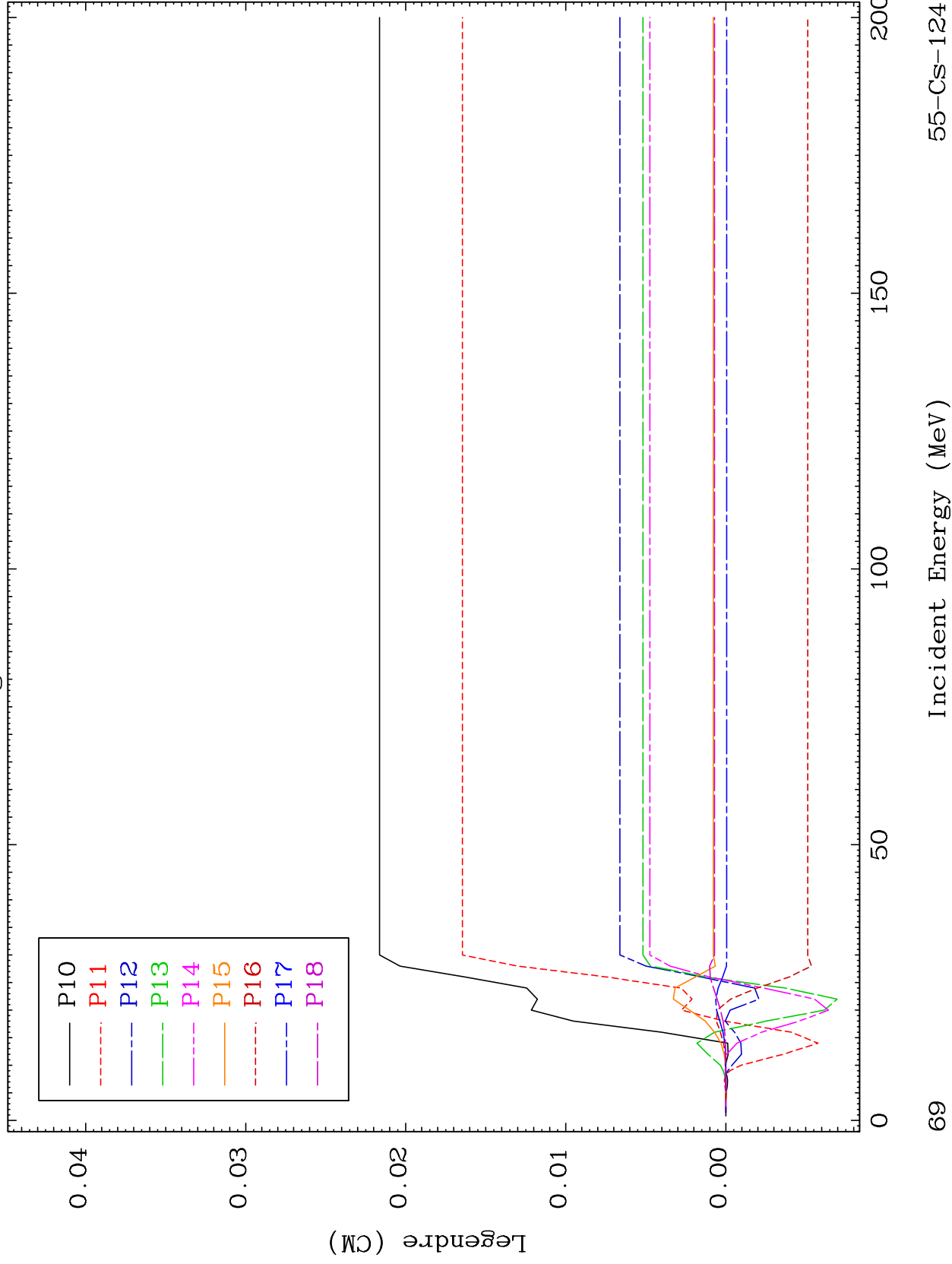
Incident Energy (MeV)

55-Cs-124

MAT 5498

379.1 keV (n,n') Level  
Legendre Coefficients

55-Cs-124



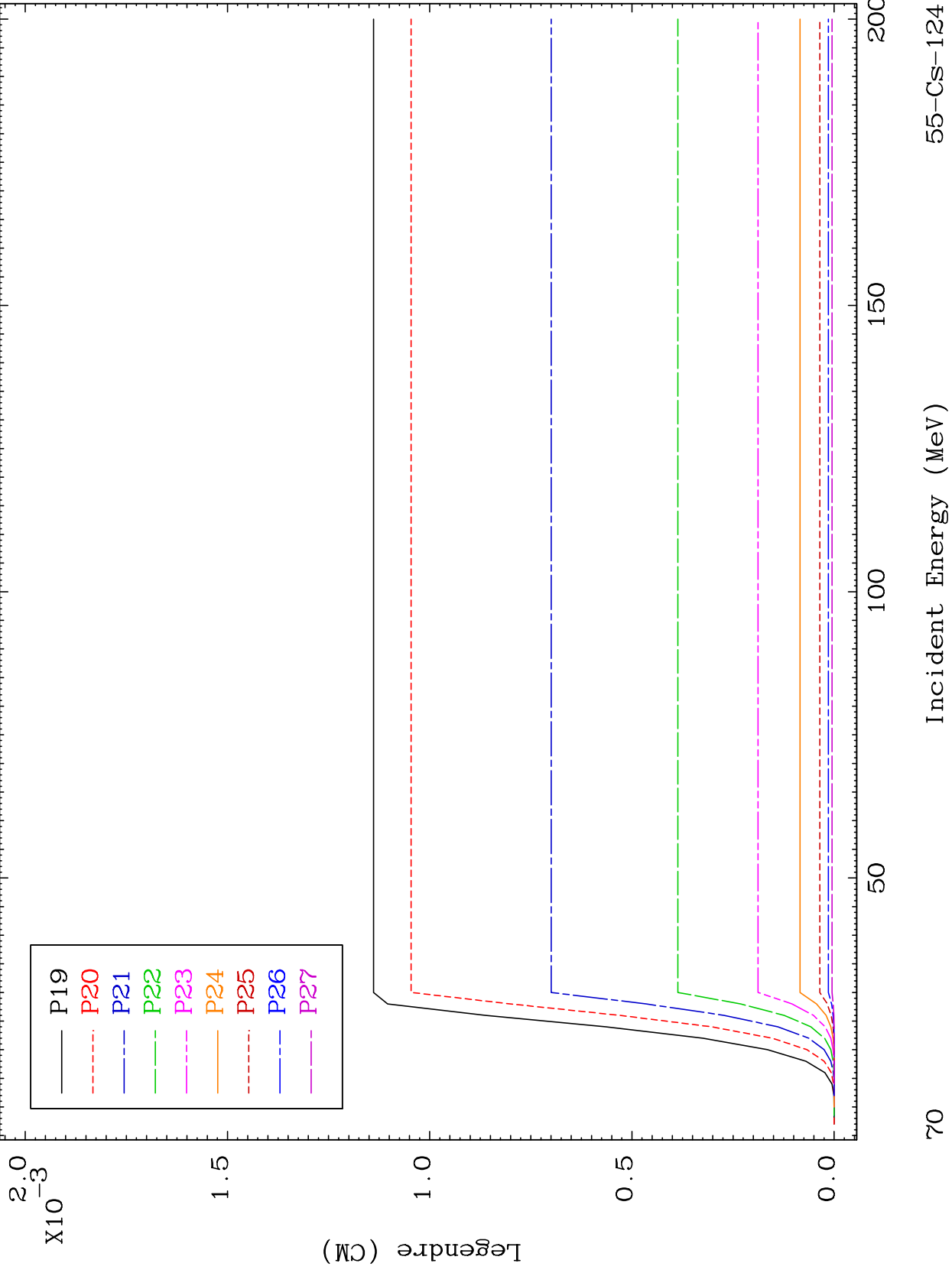
69

55-Cs-124

MAT 5498

379.1 keV (n,n') Level  
Legendre Coefficients

55-Cs-124



70

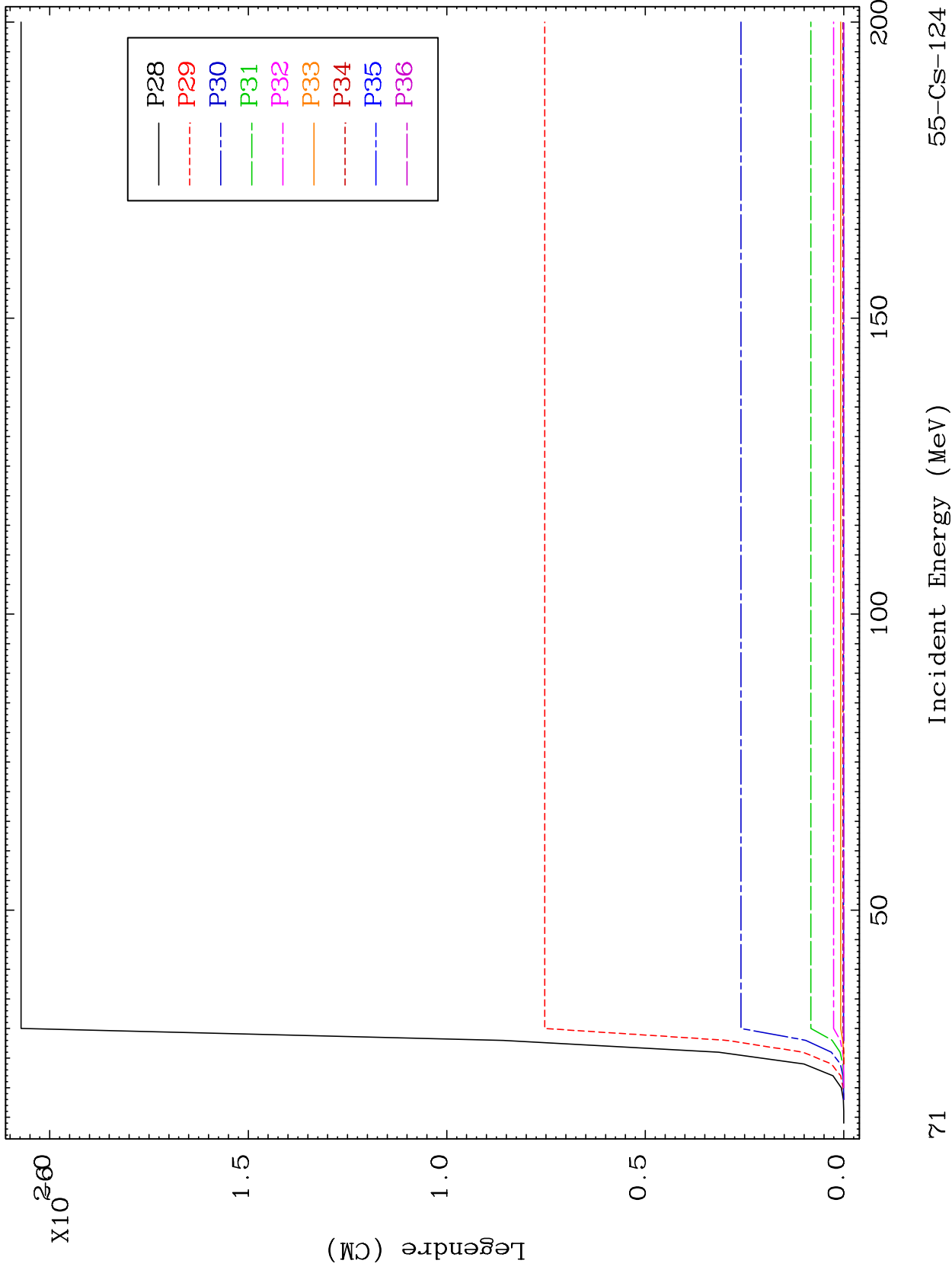
Incident Energy (MeV)

55-Cs-124

MAT 5498

379.1 keV (n,n') Level  
Legendre Coefficients

55-Cs-124

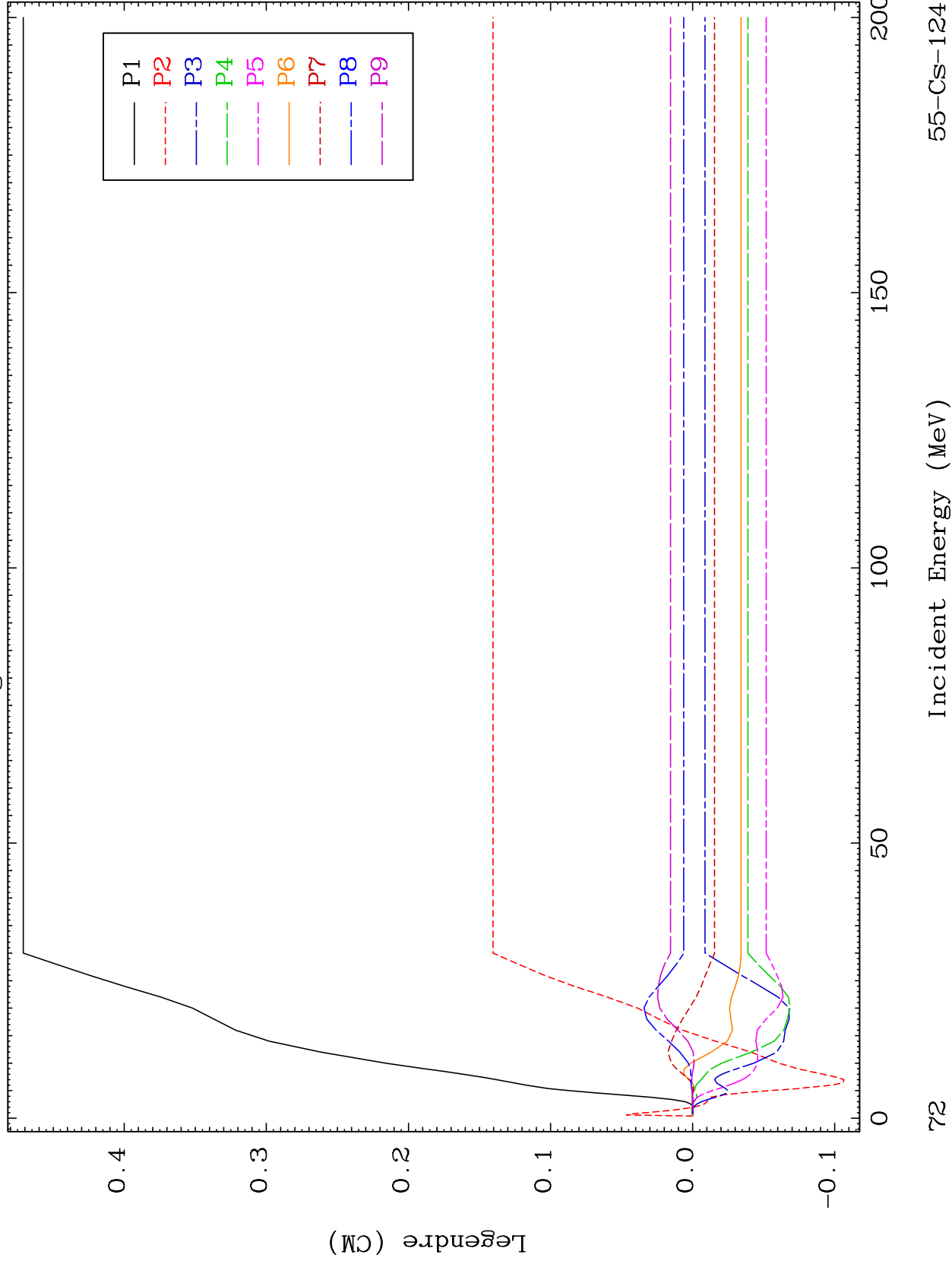




MAT 5498

397.7 keV (n,n') Level  
Legendre Coefficients

55-Cs-124



55-Cs-124

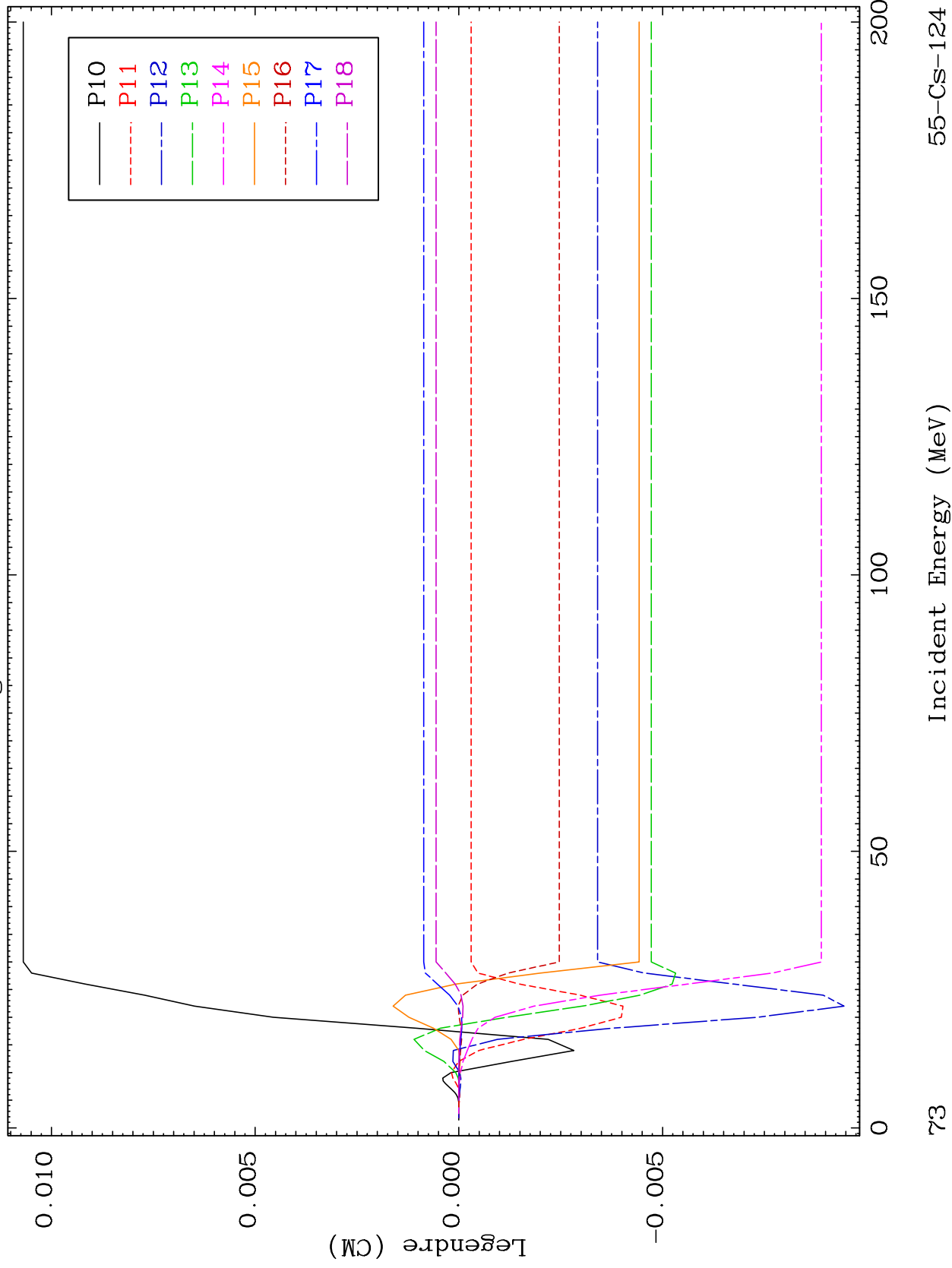
Incident Energy (MeV)

72

MAT 5498

397.7 keV (n,n') Level  
Legendre Coefficients

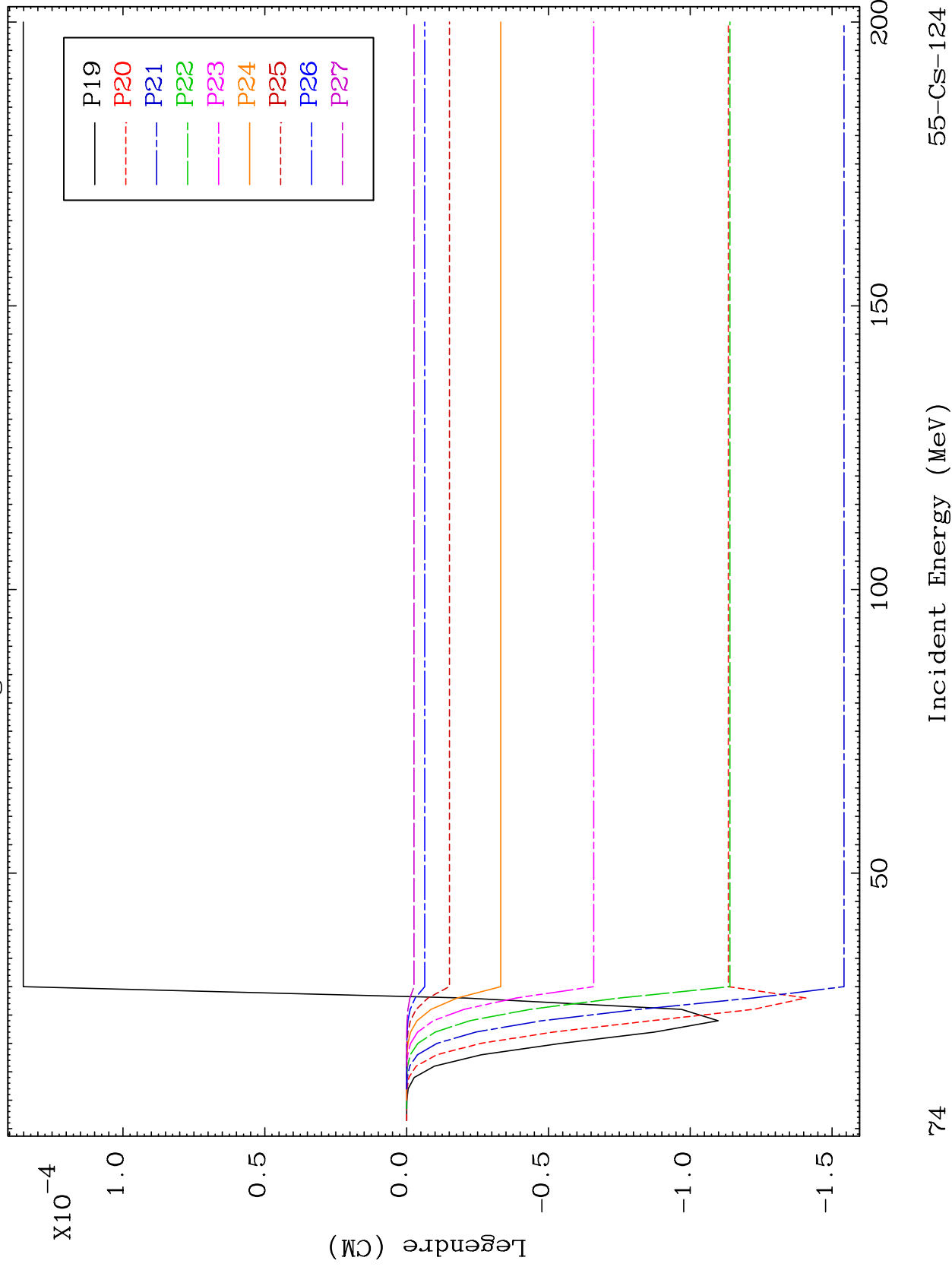
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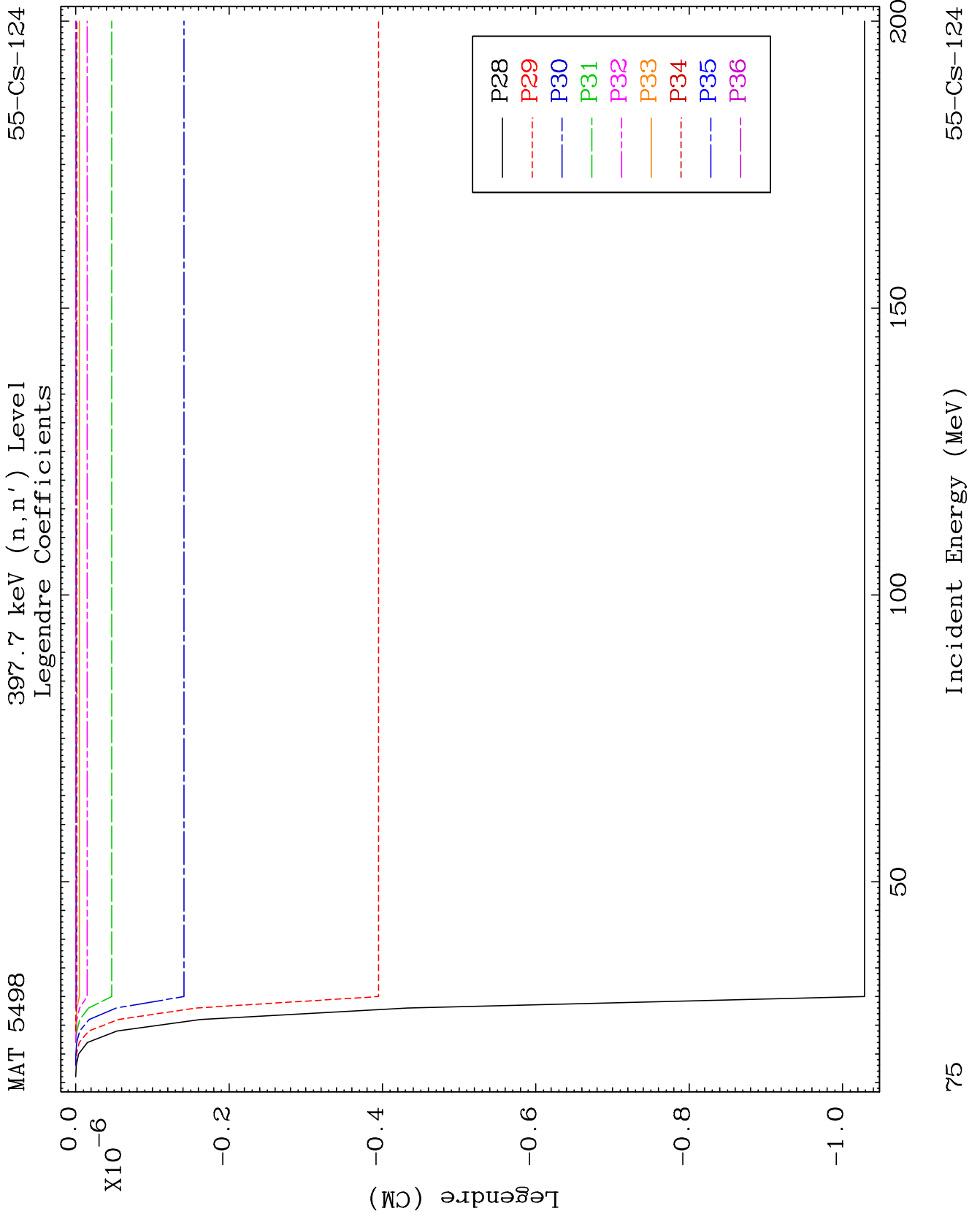


73

Incident Energy (MeV)

55-Cs-124

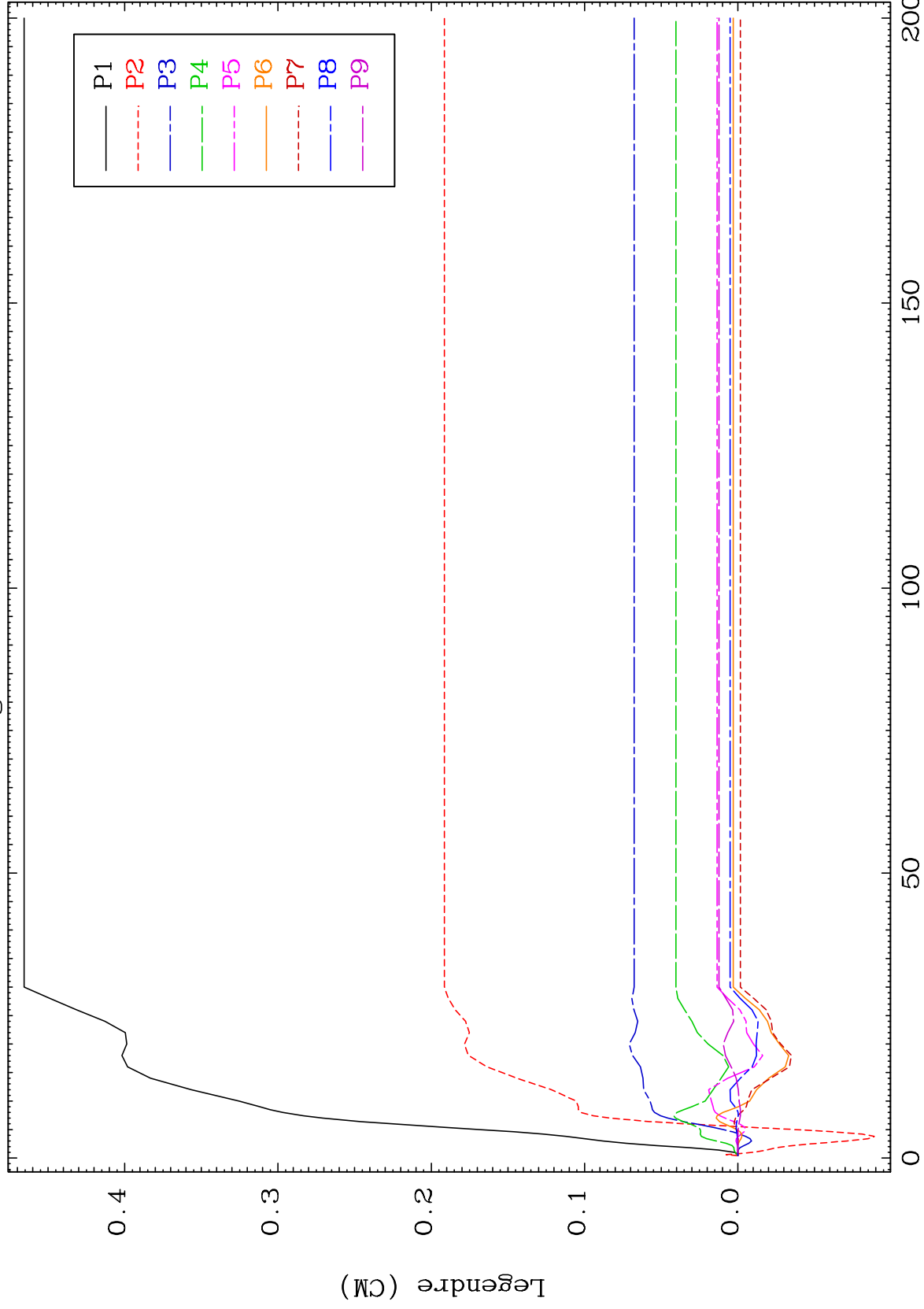




MAT 5498

399.5 keV (n,n') Level  
Legendre Coefficients

55-Cs-124



76

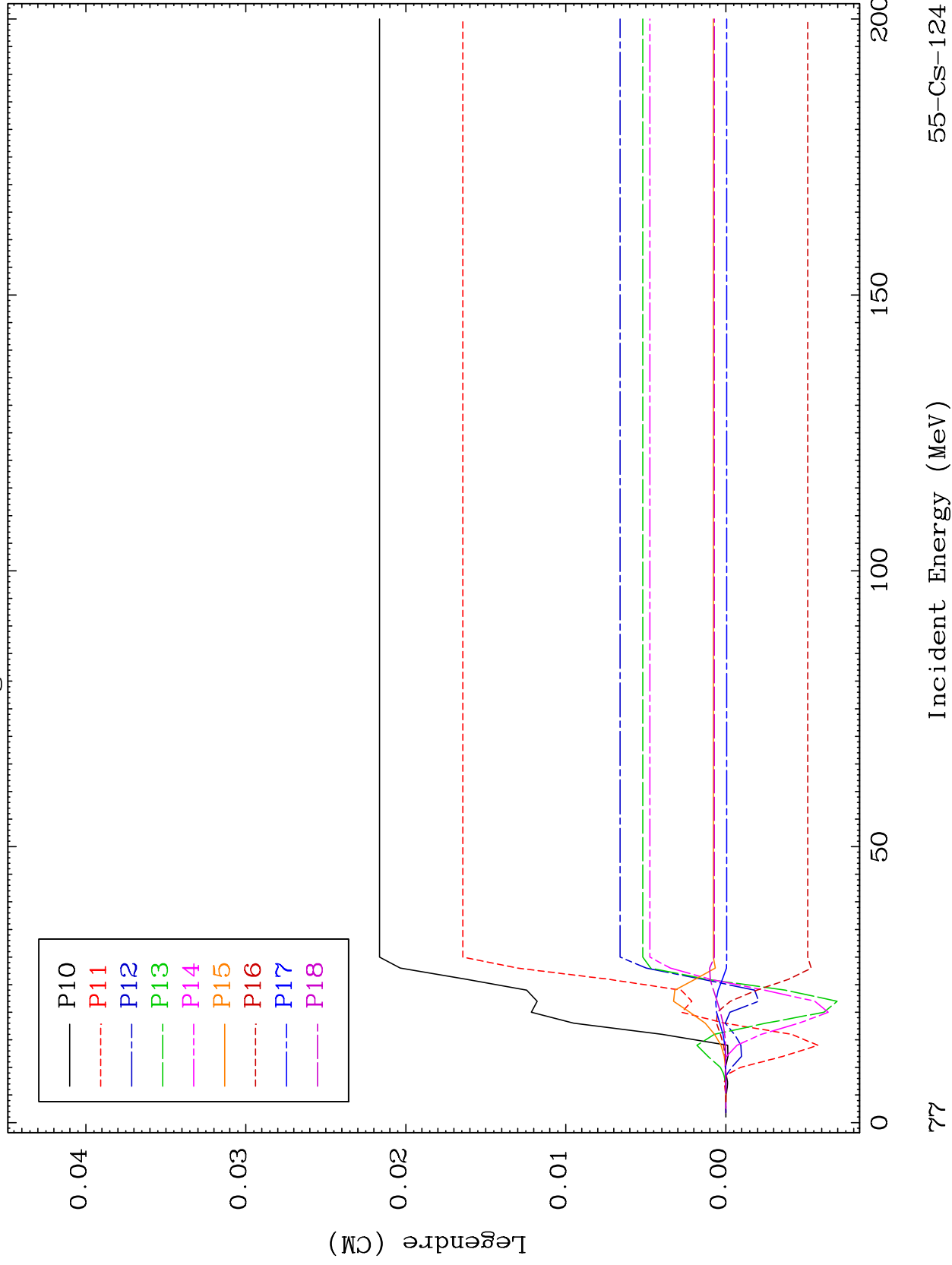
Incident Energy (MeV)

55-Cs-124

MAT 5498

399.5 keV (n,n') Level  
Legendre Coefficients

55-Cs-124



77

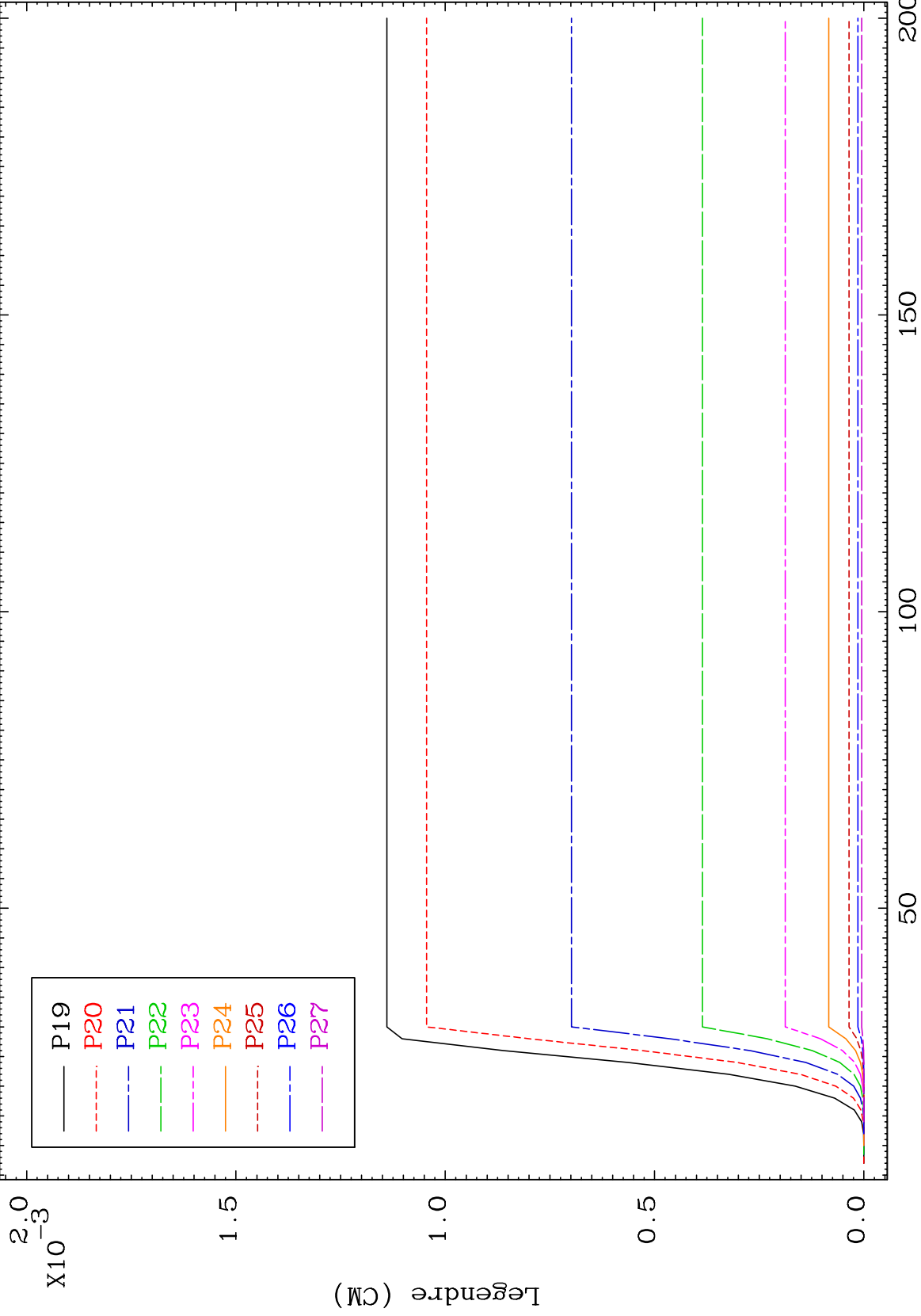
Incident Energy (MeV)

55-Cs-124

MAT 5498

399.5 keV (n,n') Level  
Legendre Coefficients

55-Cs-124



78

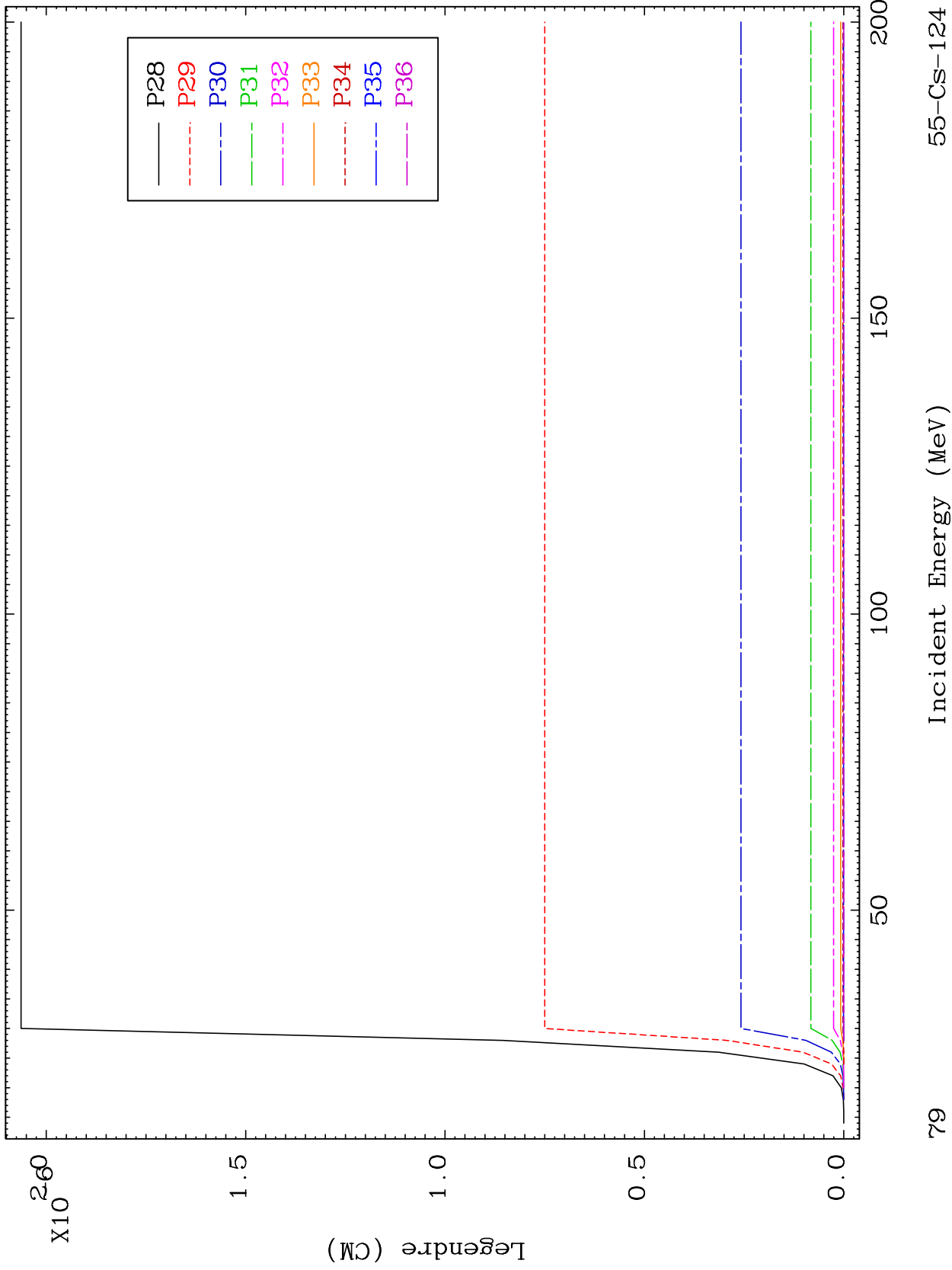
Incident Energy (MeV)

55-Cs-124

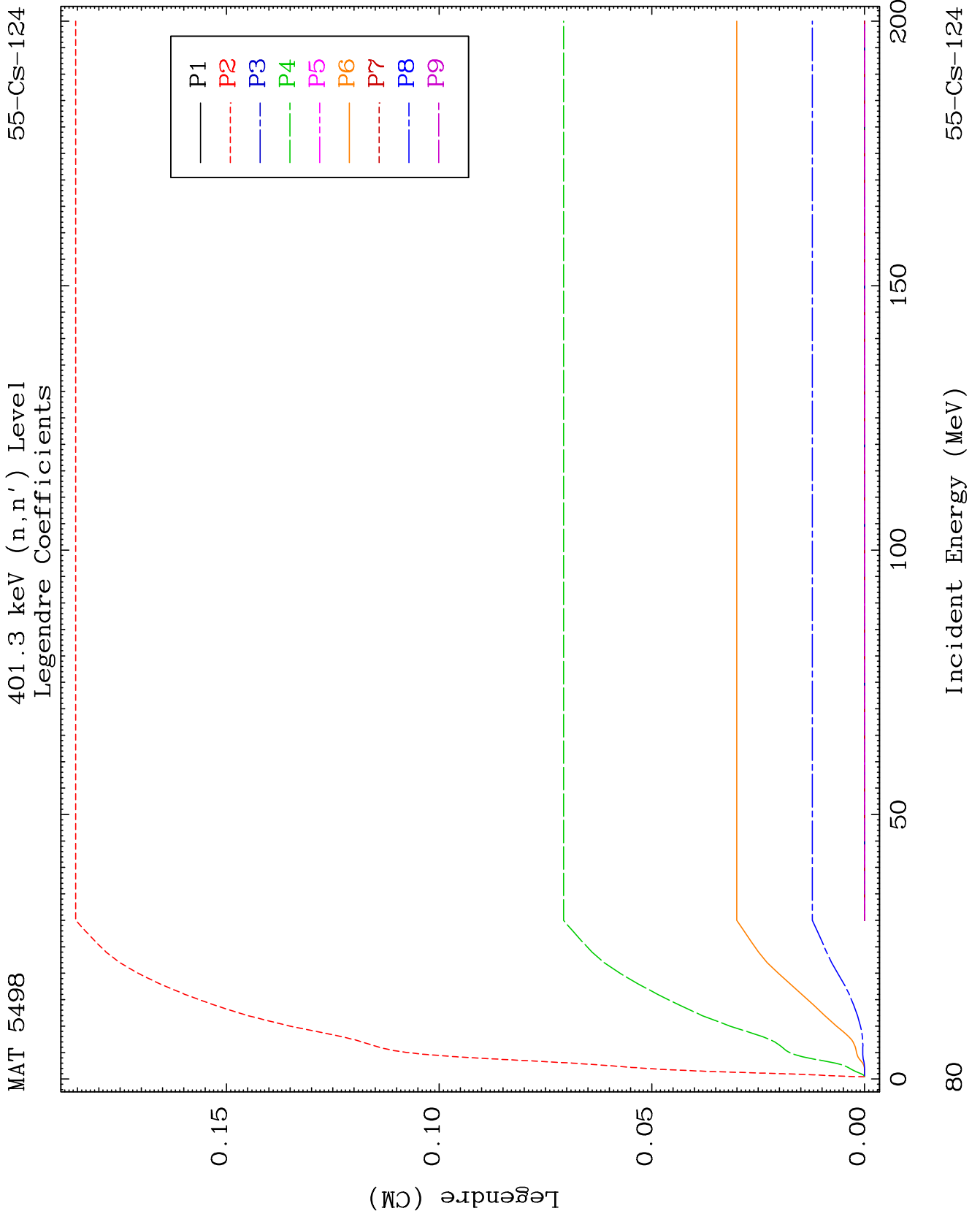
MAT 5498

399.5 keV (n,n') Level  
Legendre Coefficients

55-Cs-124



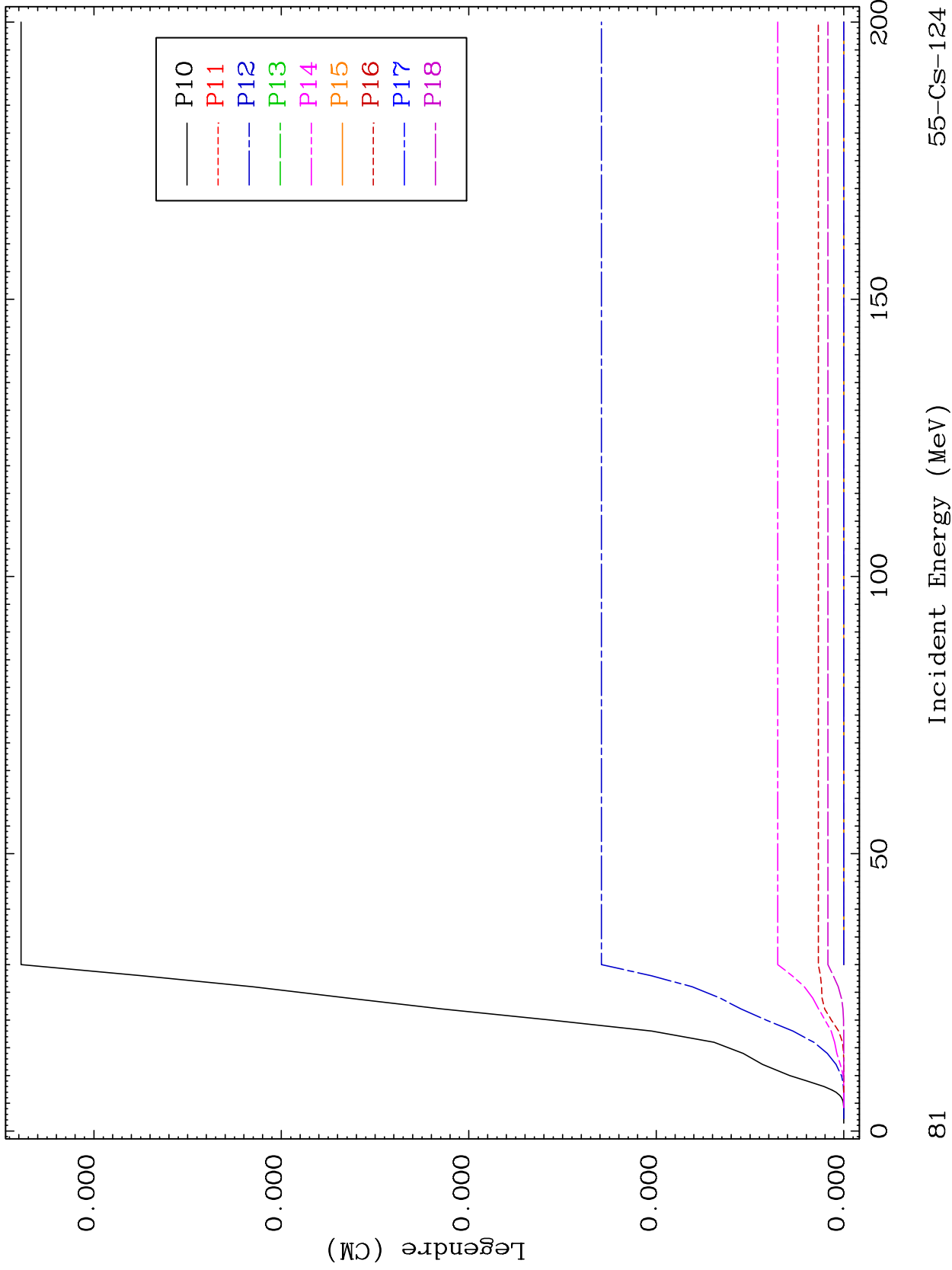




MAT 5498

401.3 keV (n,n') Level  
Legendre Coefficients

55-Cs-124

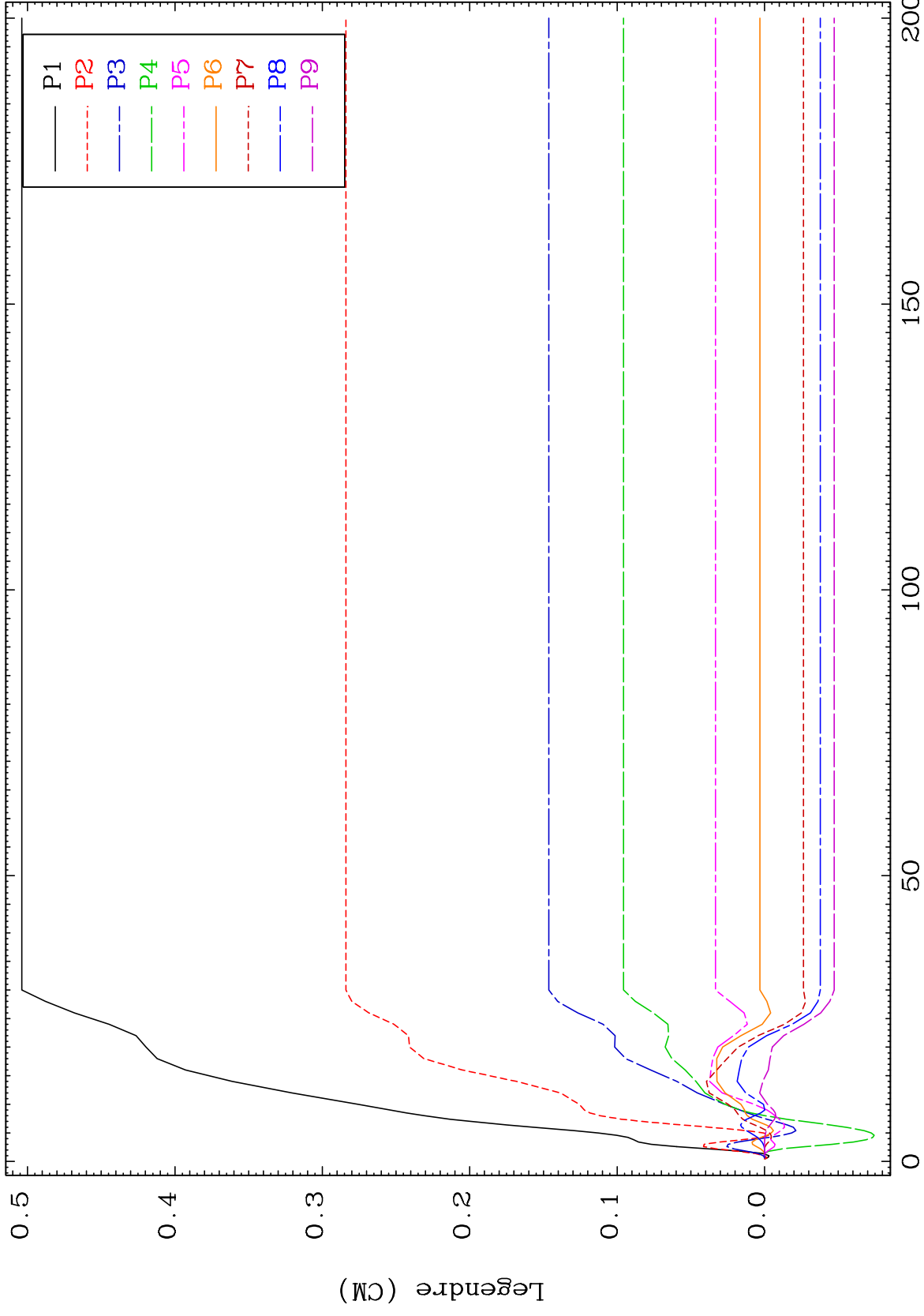


81

Incident Energy (MeV)

55-Cs-124

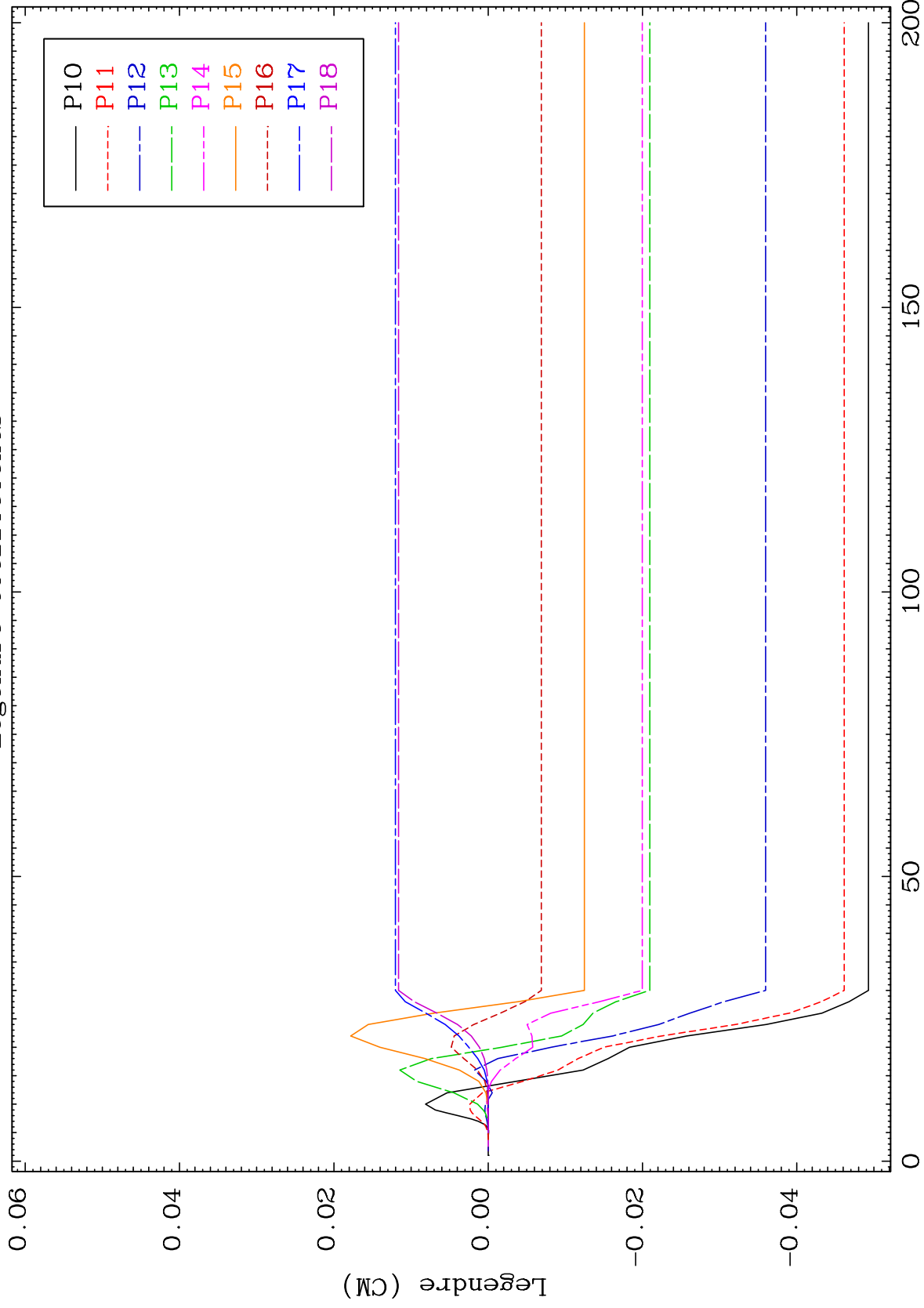




MAT 5498

404.2 keV (n,n') Level  
Legendre Coefficients

55-Cs-124



84

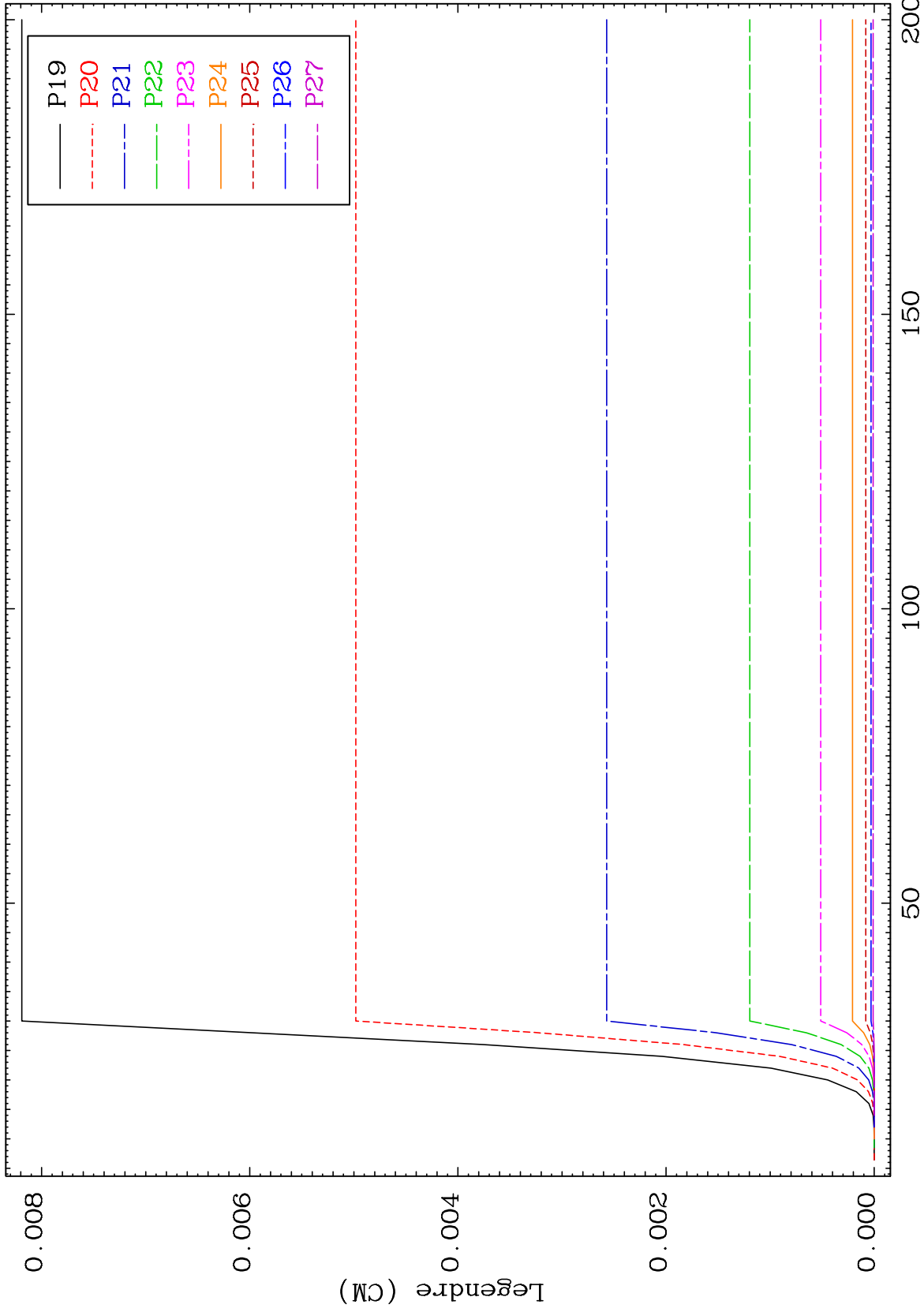
Incident Energy (MeV)

55-Cs-124

MAT 5498

404.2 keV (n,n') Level  
Legendre Coefficients

55-Cs-124



85

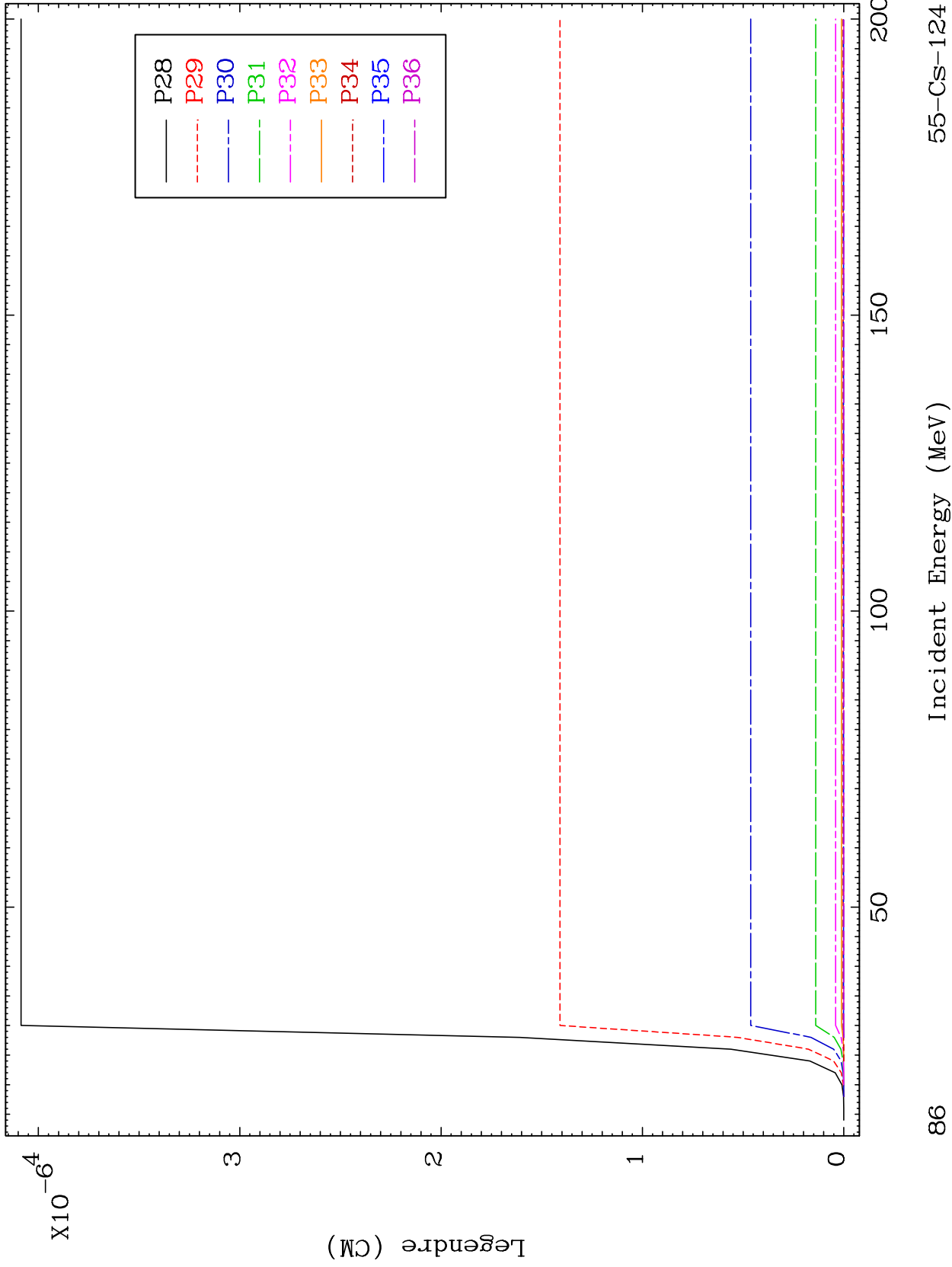
Incident Energy (MeV)

55-Cs-124

MAT 5498

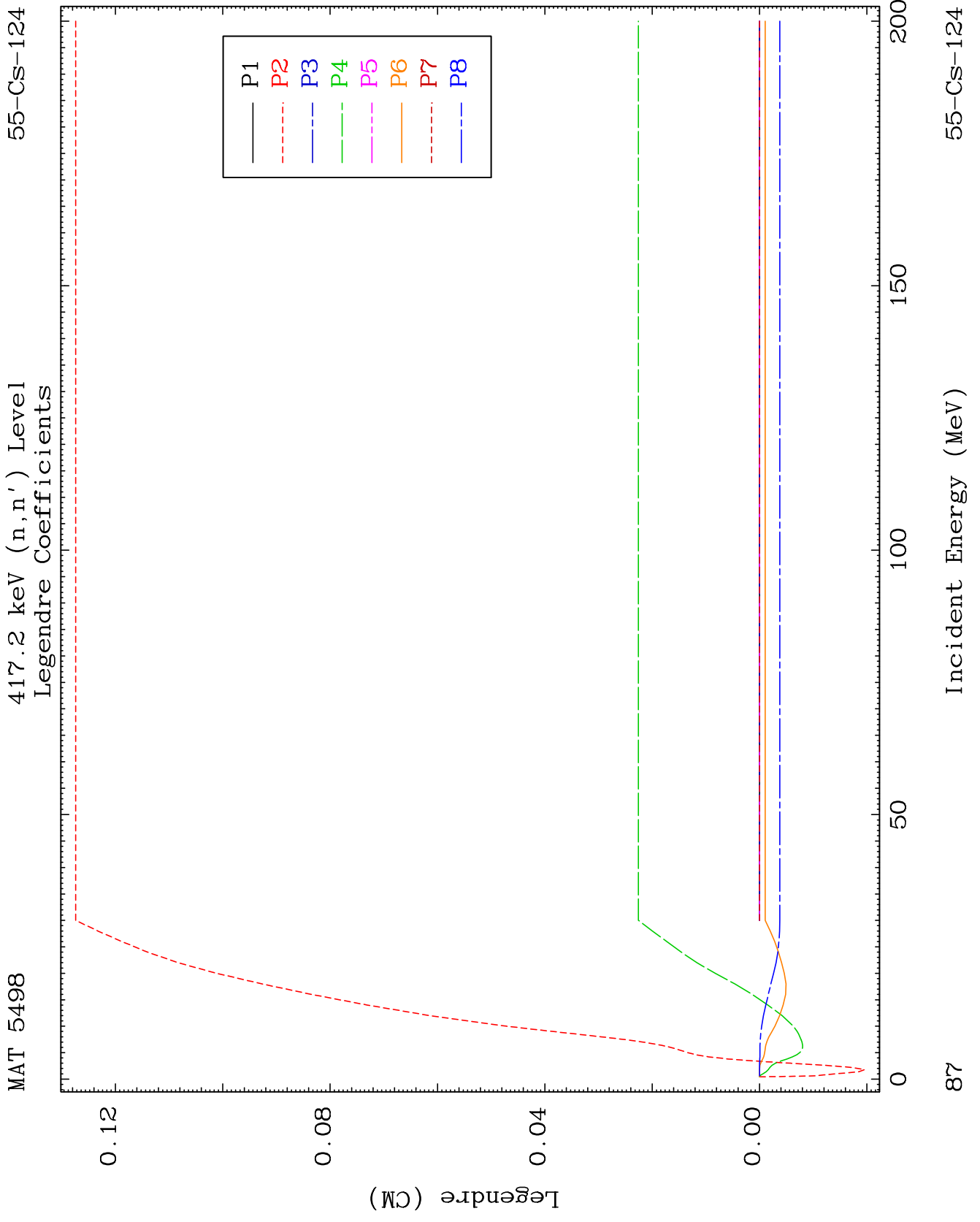
404.2 keV (n,n') Level  
Legendre Coefficients

55-Cs-124

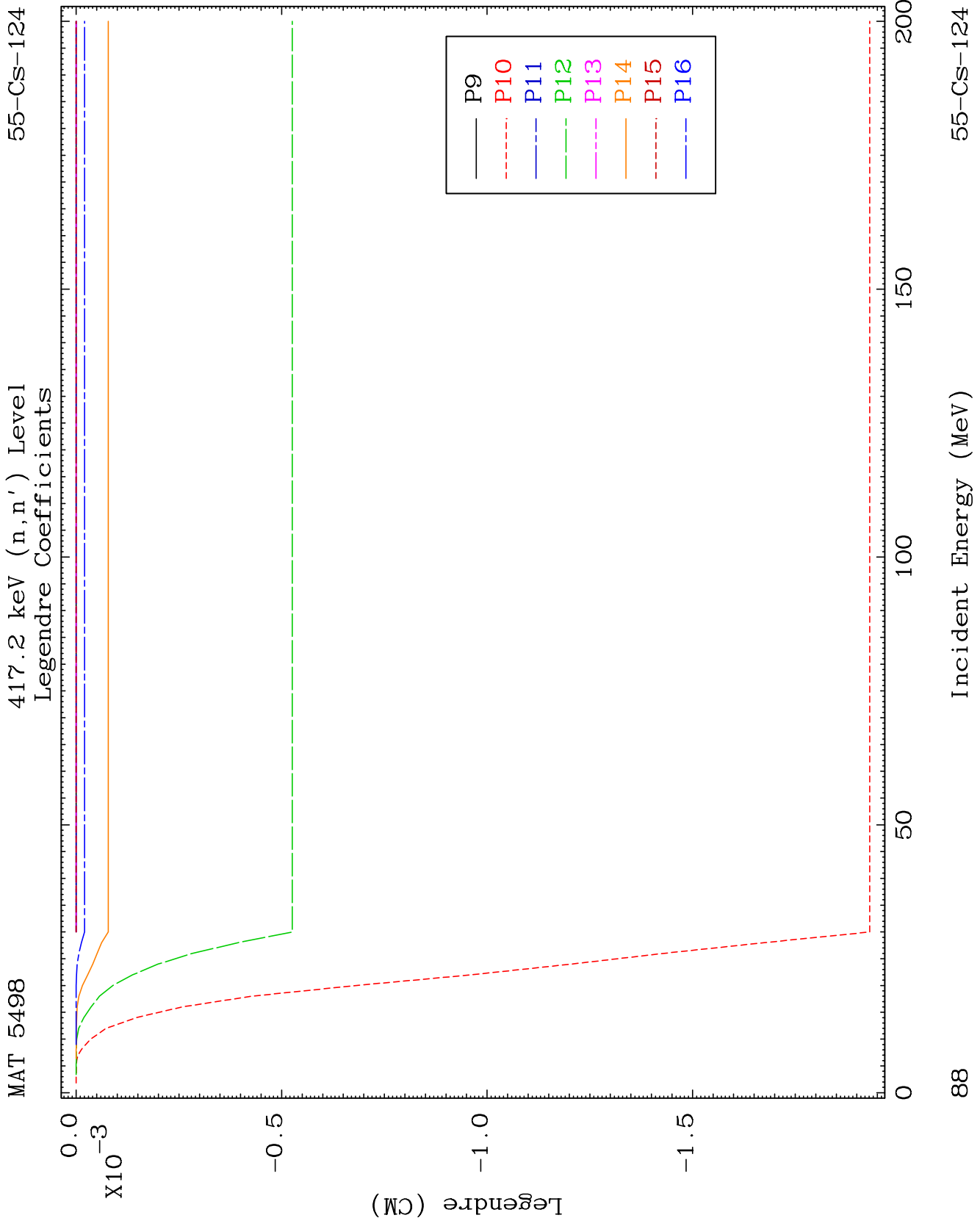


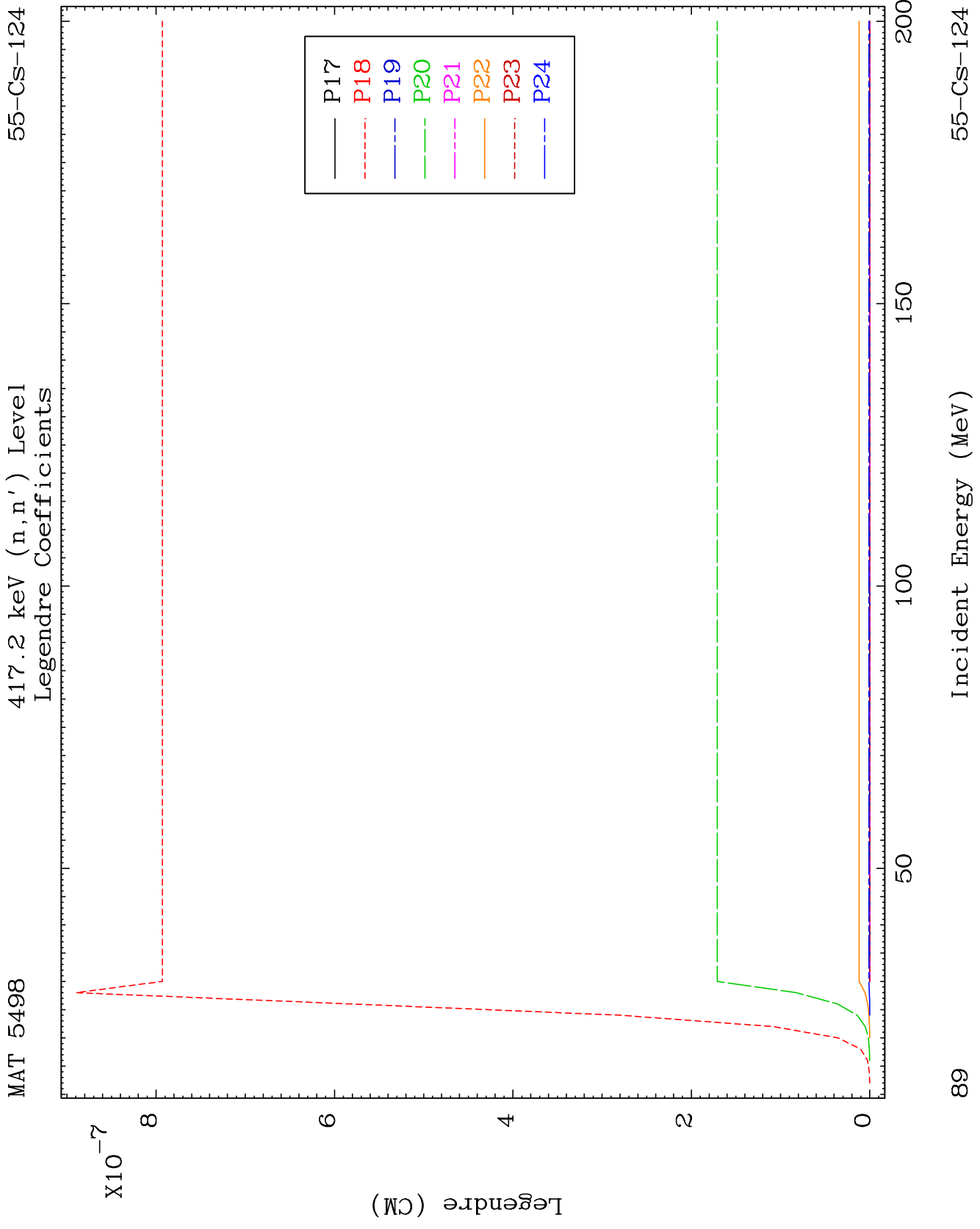
86

55-Cs-124







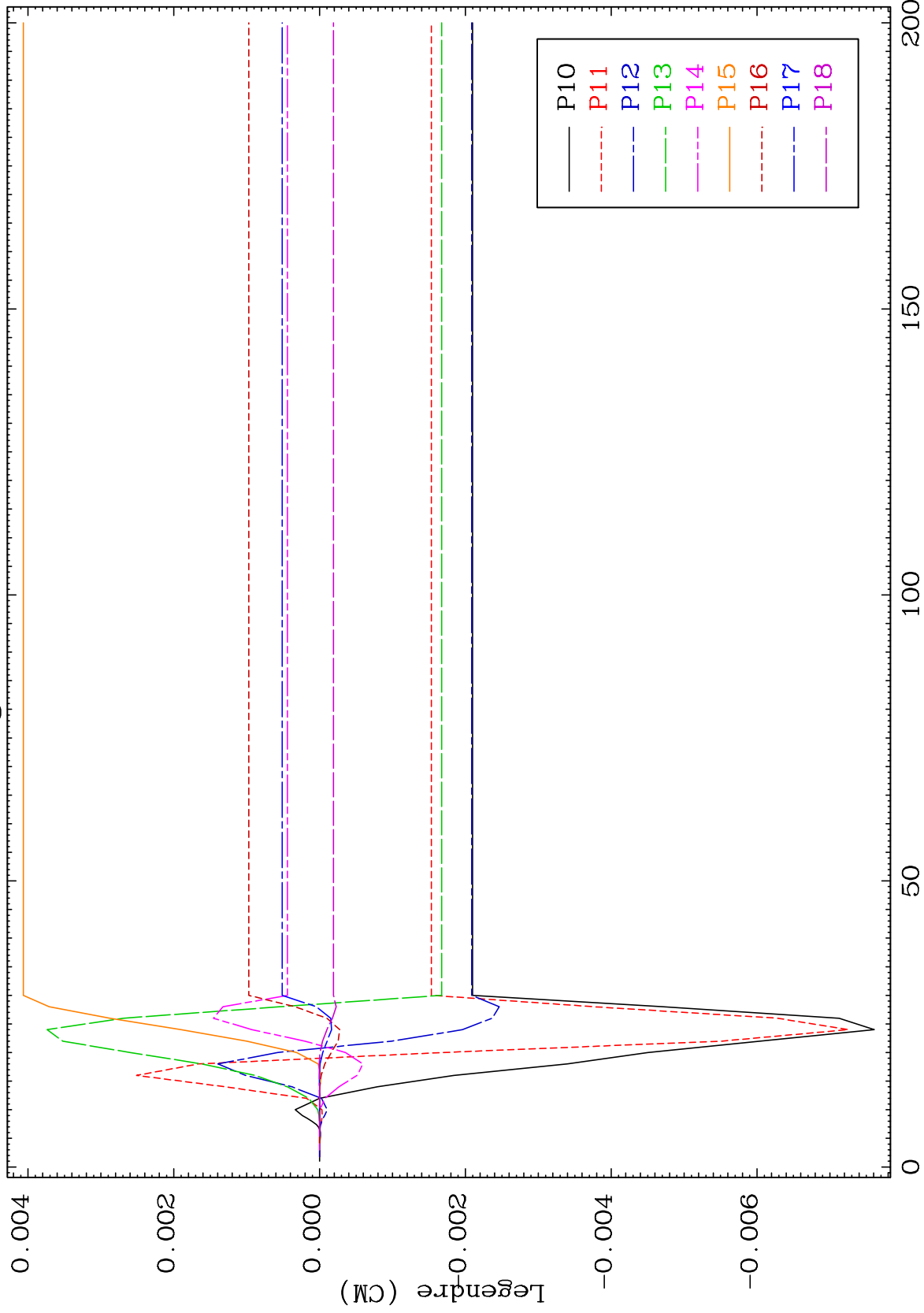




MAT 5498

427.5 keV (n,n') Level  
Legendre Coefficients

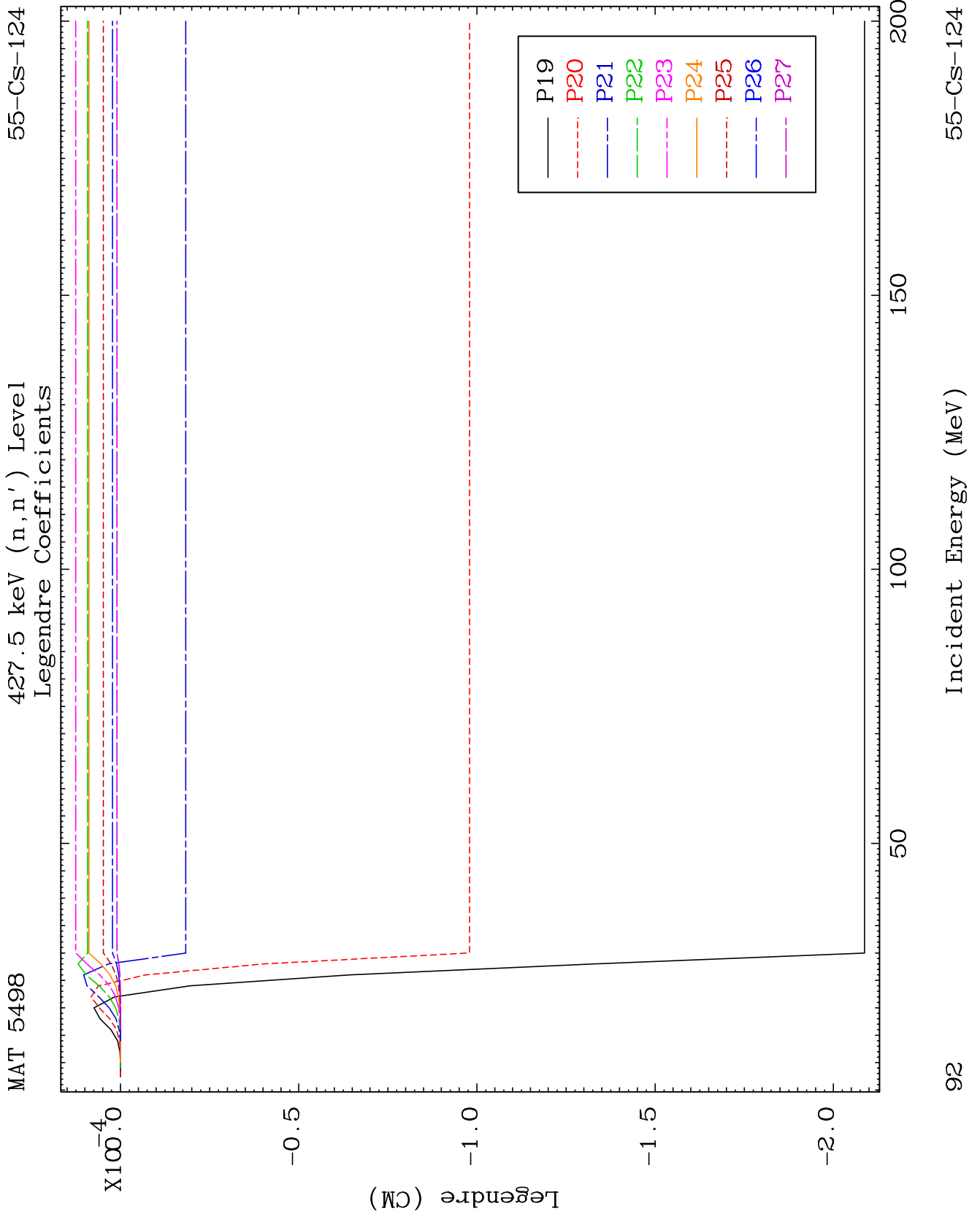
55-Cs-124



91

Incident Energy (MeV)

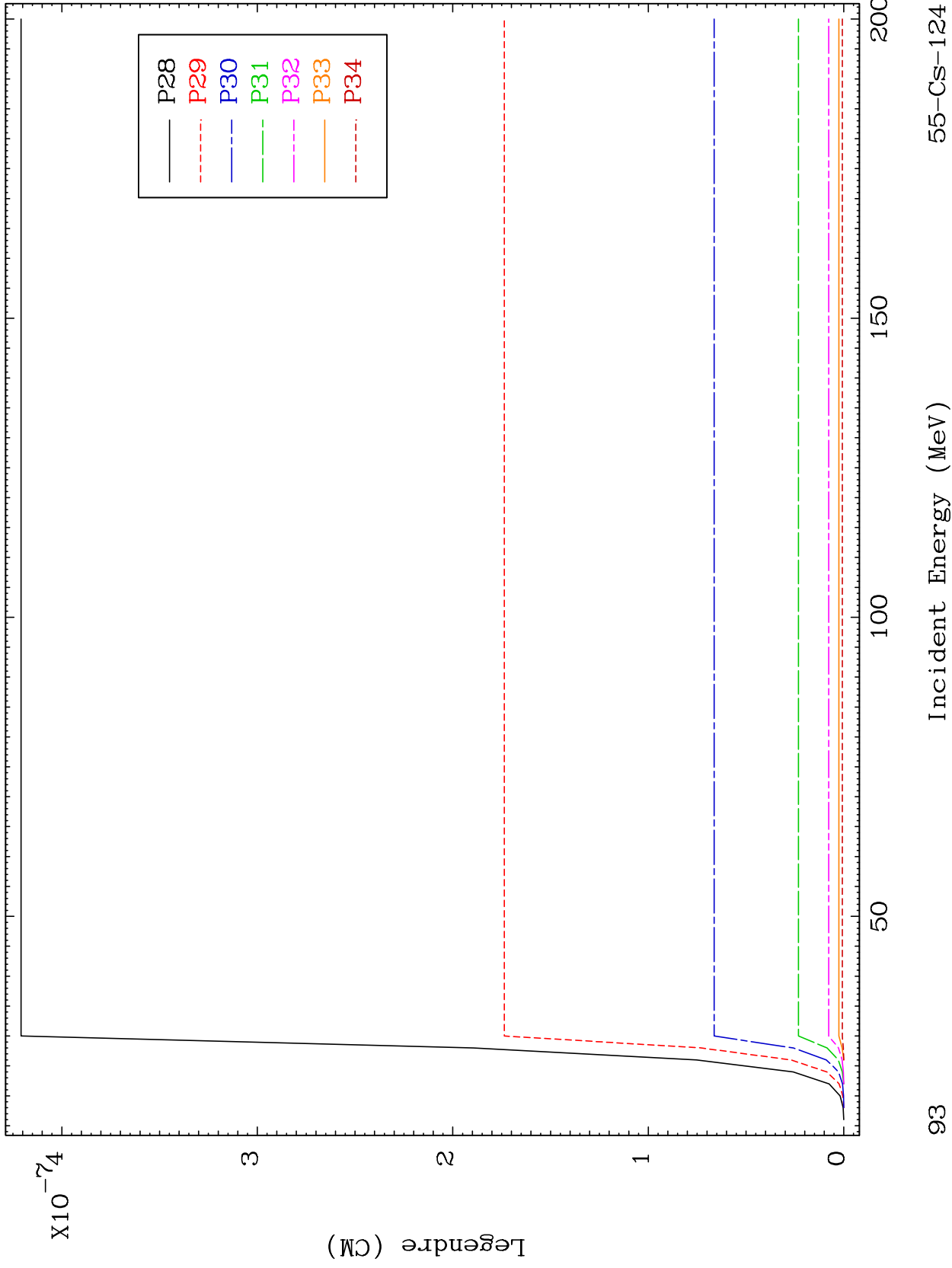
55-Cs-124



MAT 5498

427.5 keV (n,n') Level  
Legendre Coefficients

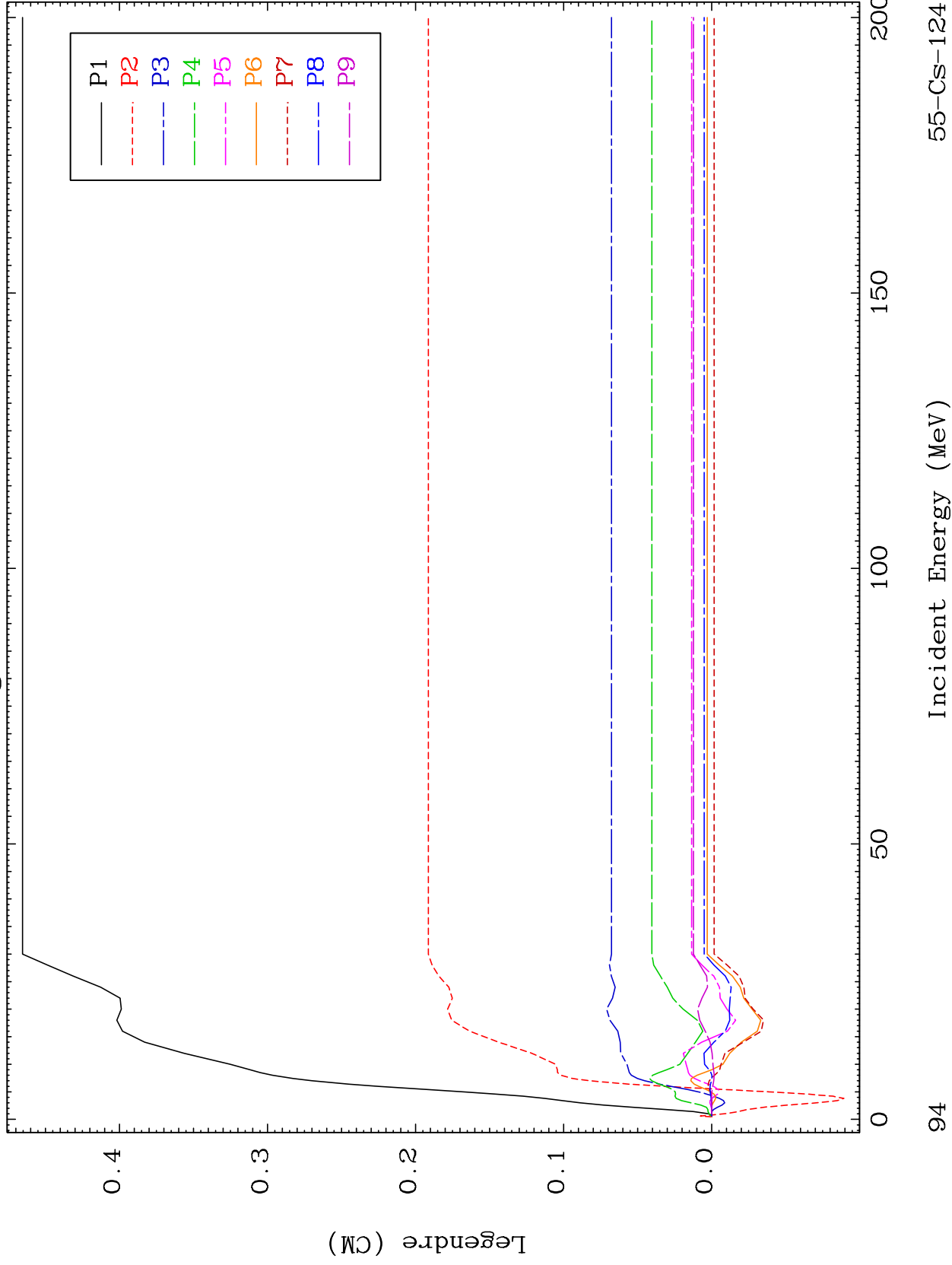
55-Cs-124



MAT 5498

441.5 keV (n,n') Level  
Legendre Coefficients

55-Cs-124



55-Cs-124

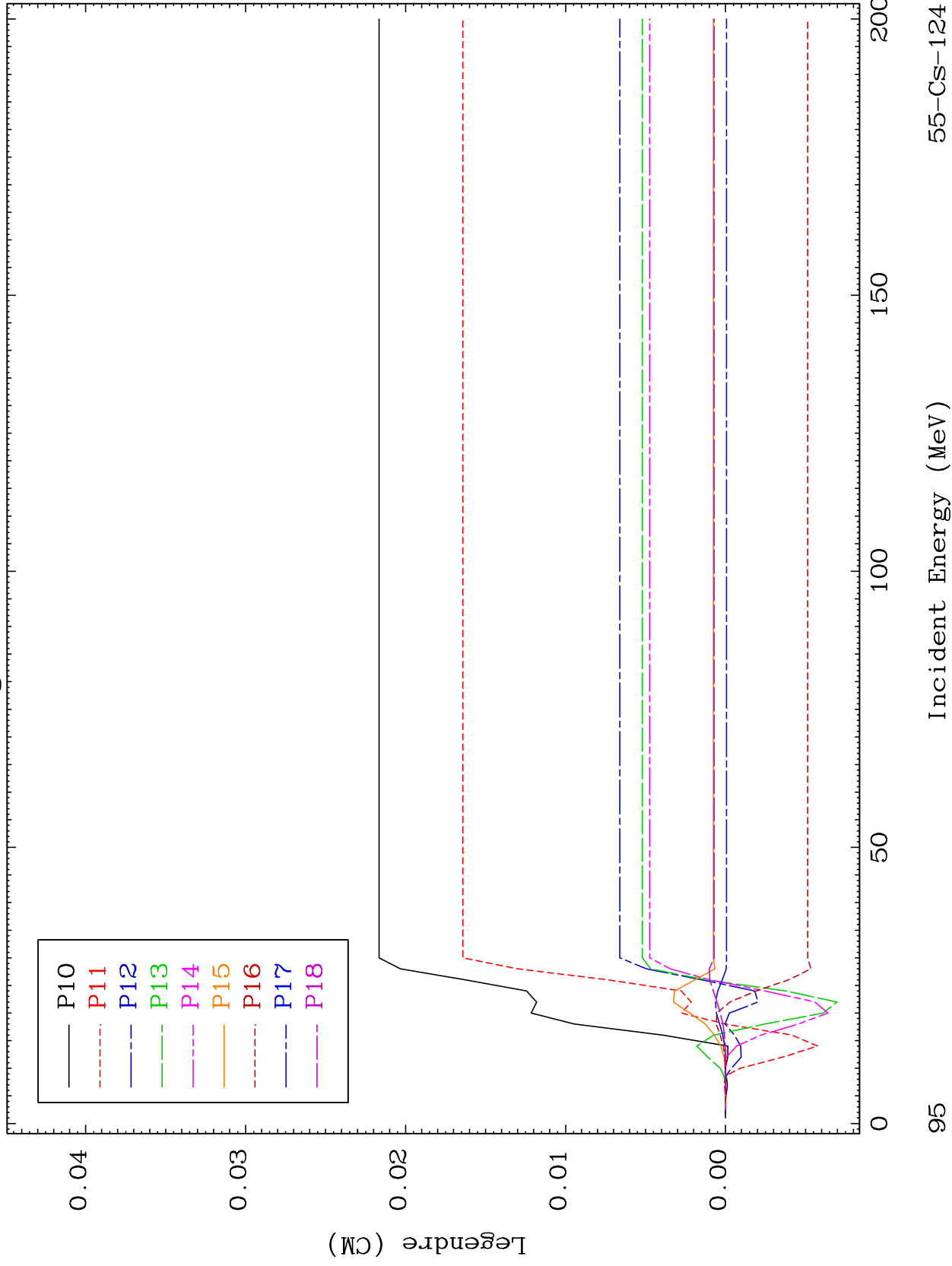
Incident Energy (MeV)

94

MAT 5498

441.5 keV (n,n') Level  
Legendre Coefficients

55-Cs-124



55-Cs-124

Incident Energy (MeV)

95

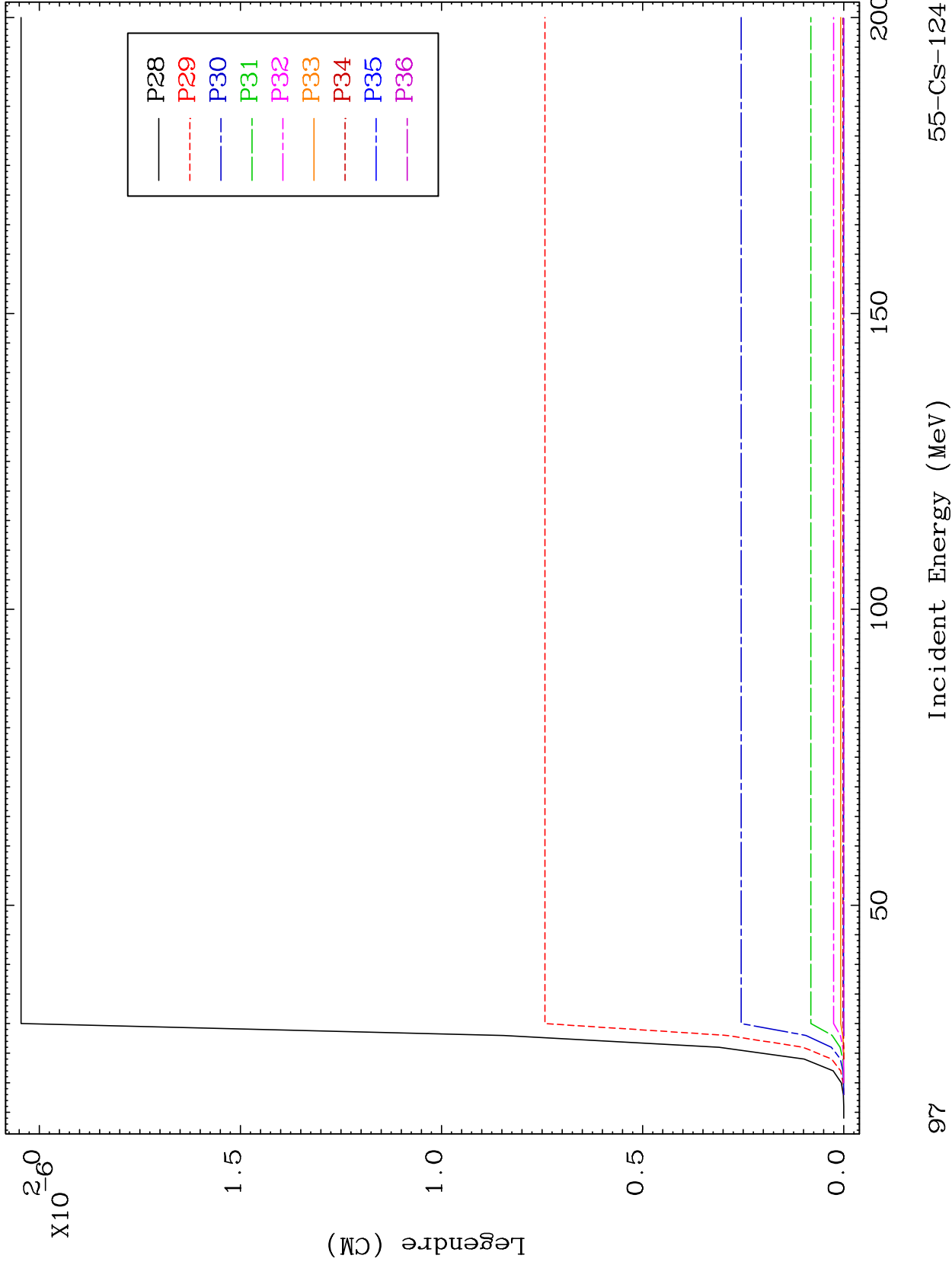


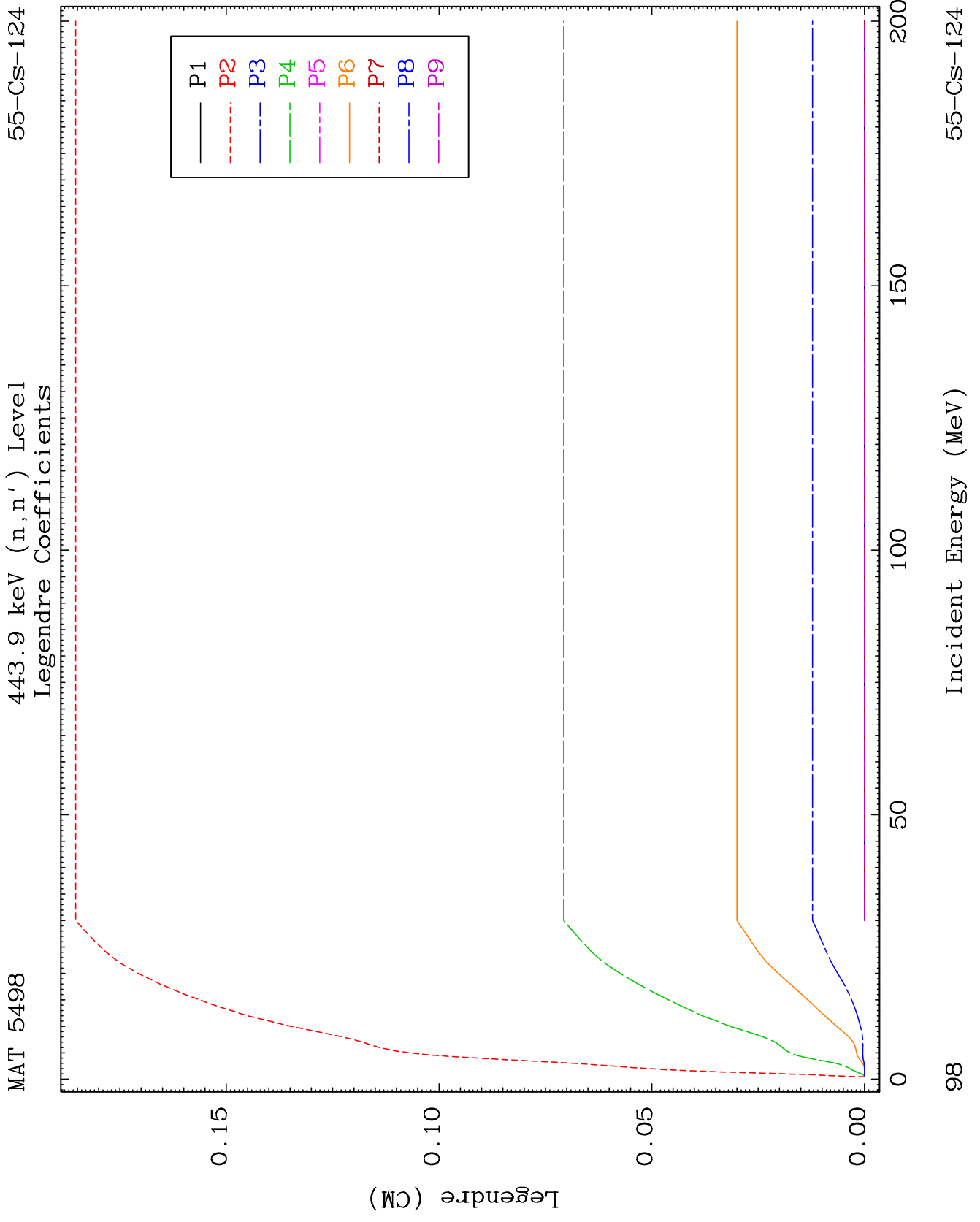


MAT 5498

441.5 keV (n,n') Level  
Legendre Coefficients

55-Cs-124

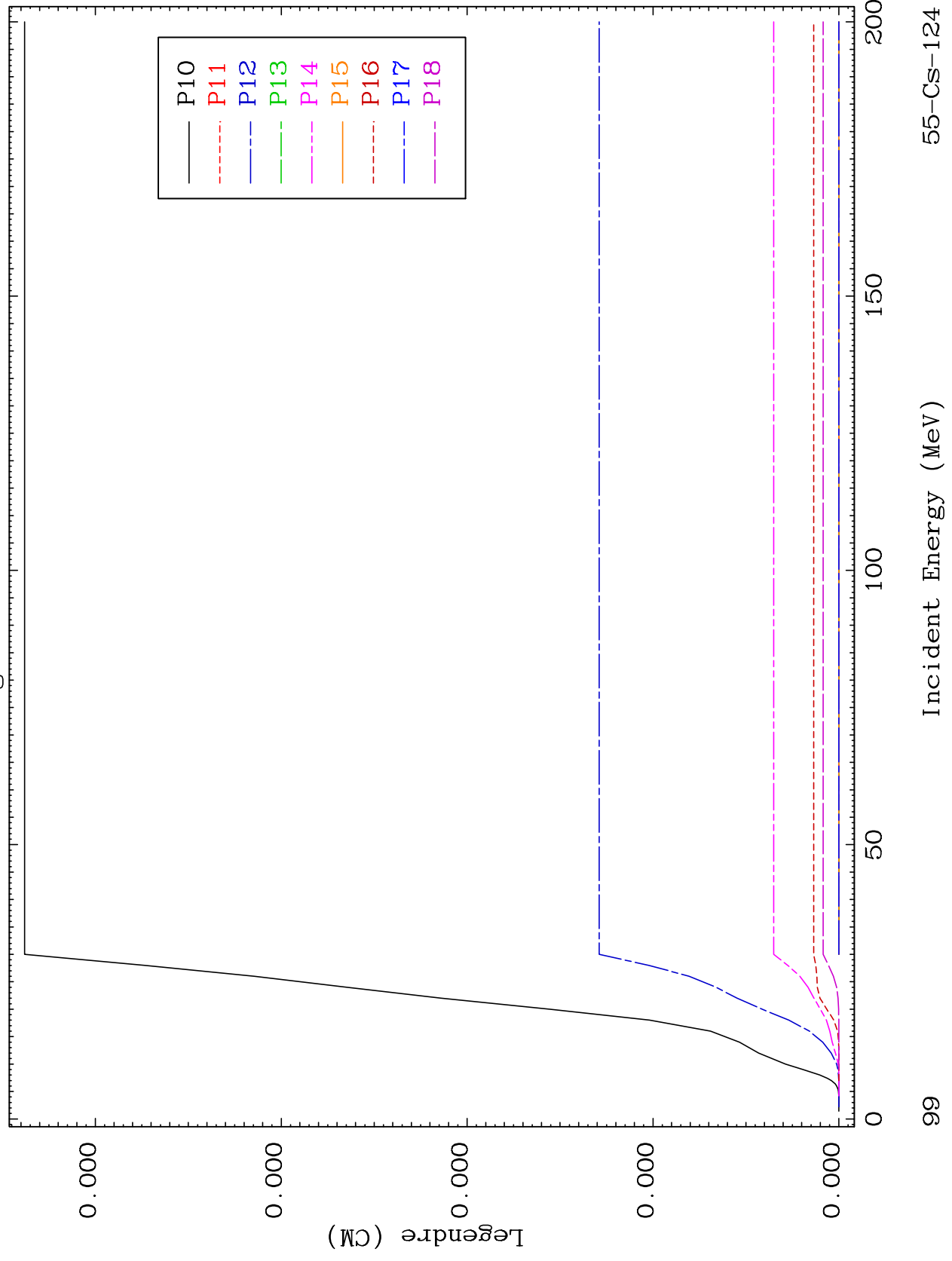




MAT 5498

443.9 keV (n,n') Level  
Legendre Coefficients

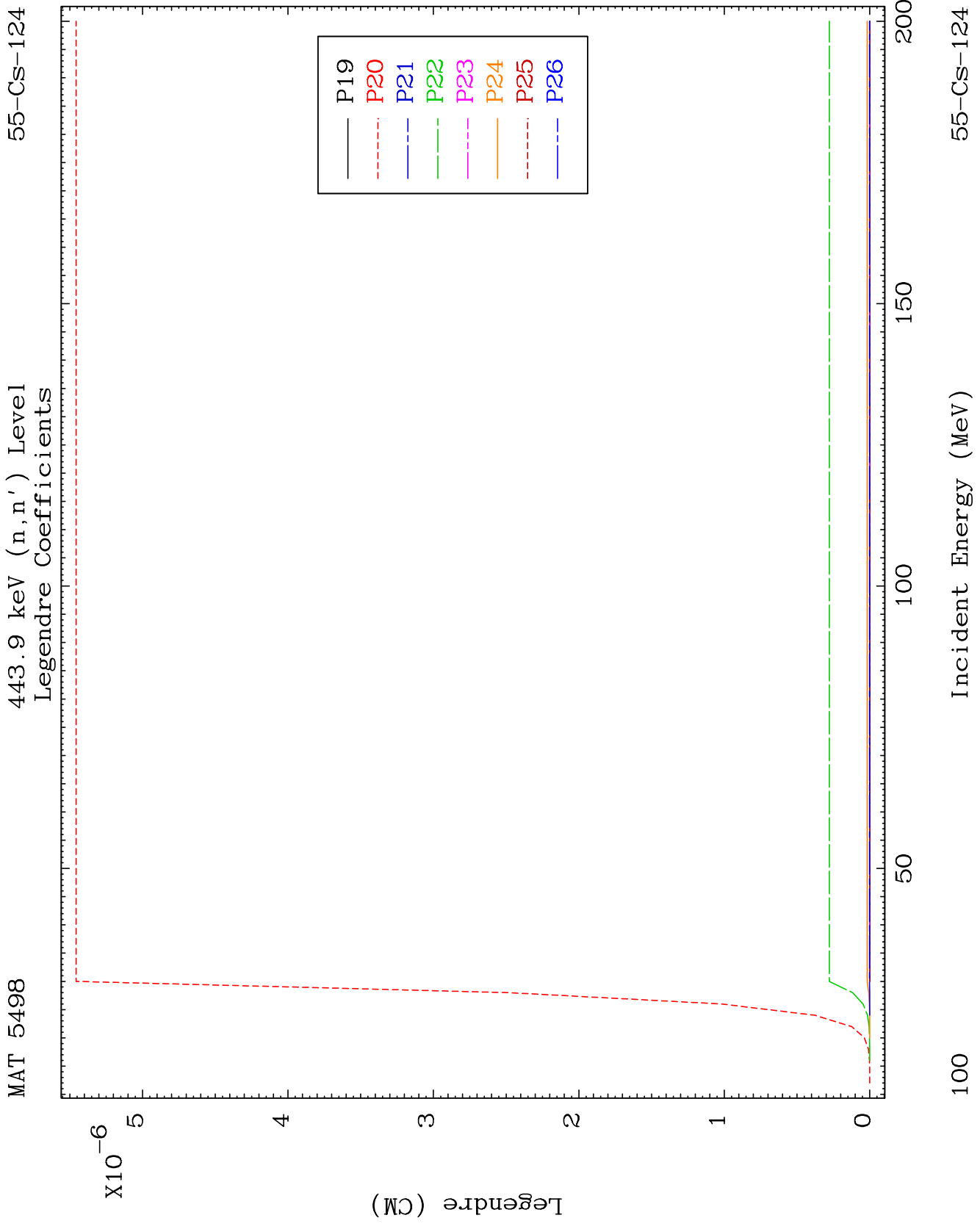
55-Cs-124



99

Incident Energy (MeV)

55-Cs-124

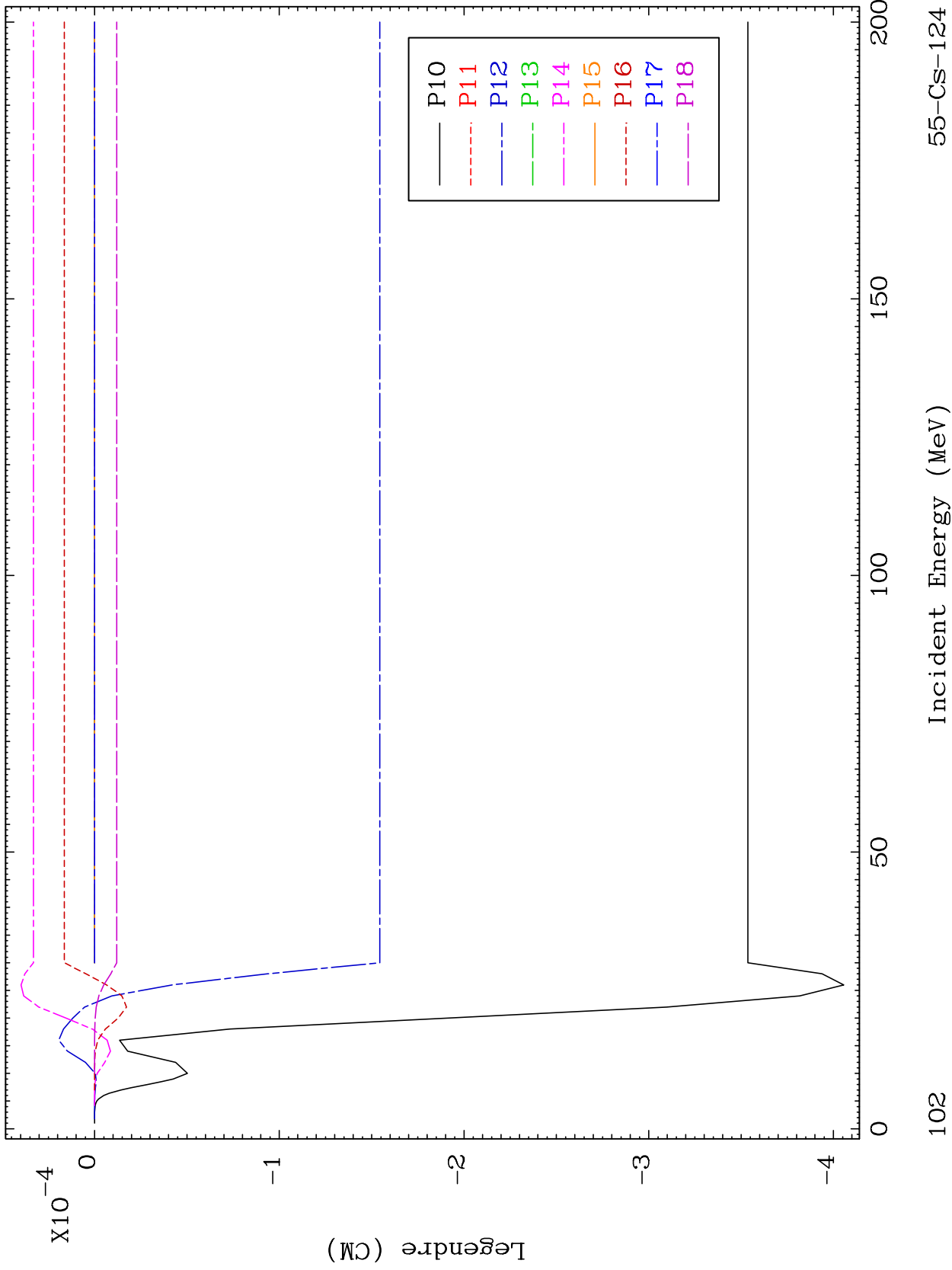




MAT 5498

462.6 keV (n,n') Level  
Legendre Coefficients

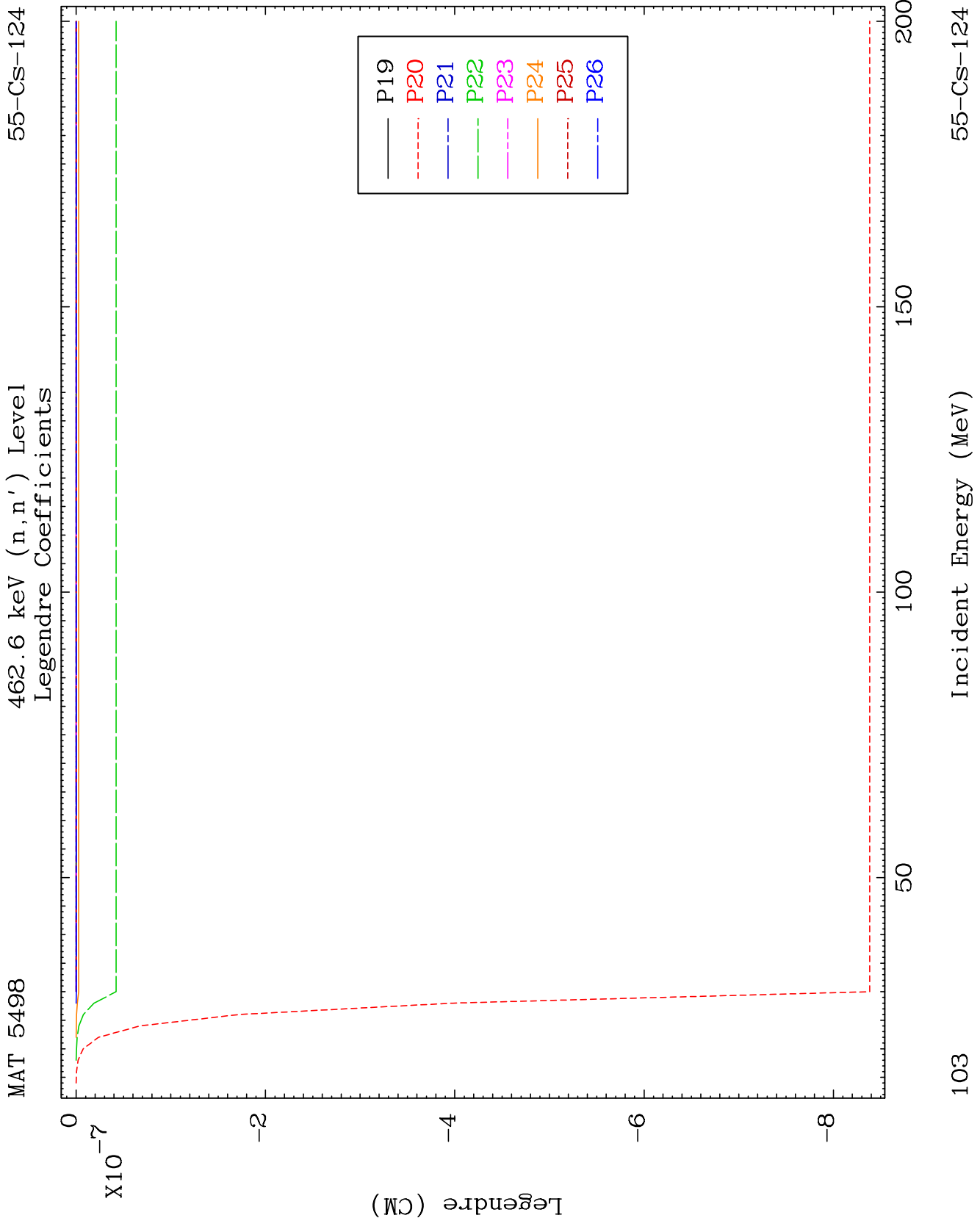
55-Cs-124



102

Incident Energy (MeV)

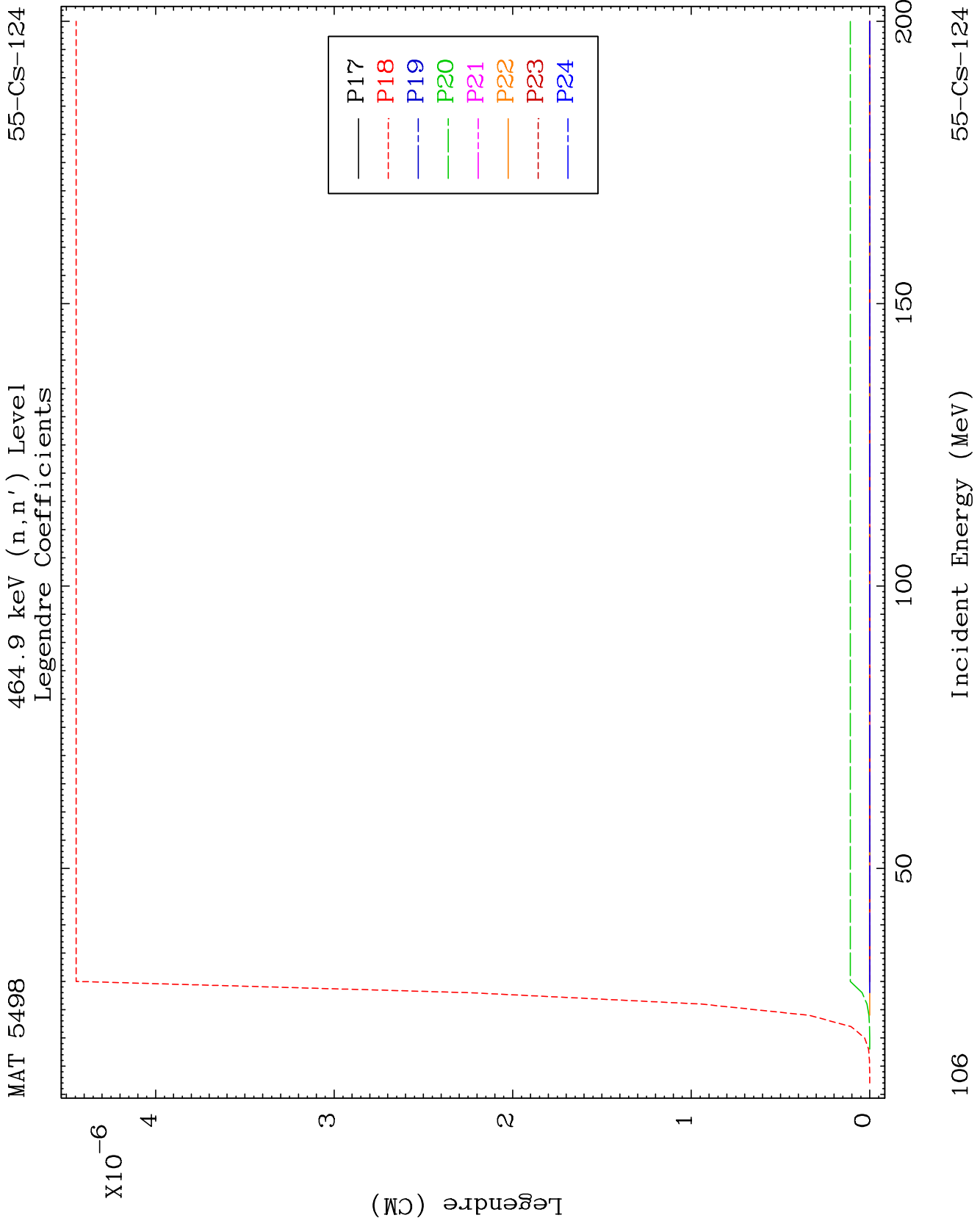
55-Cs-124

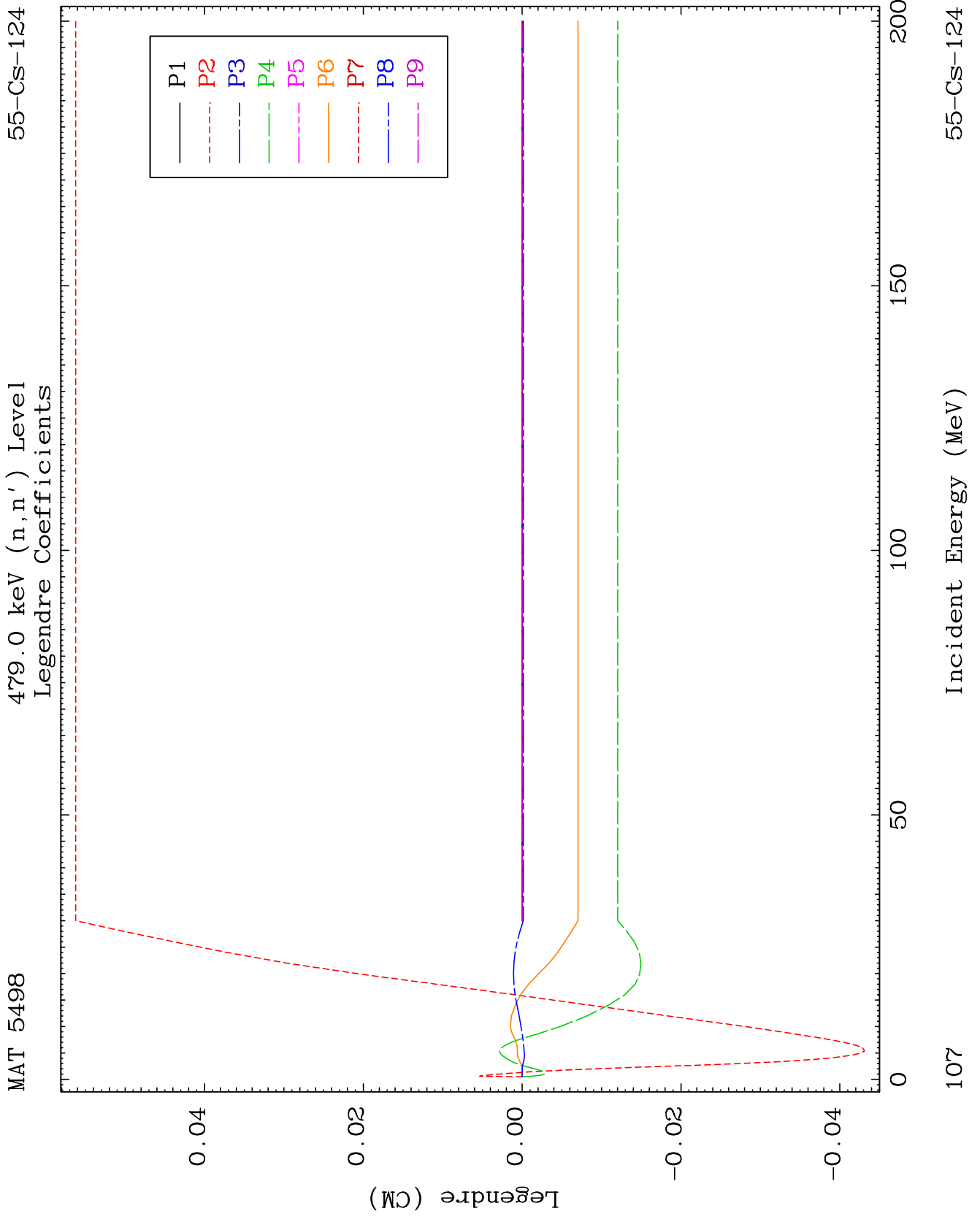








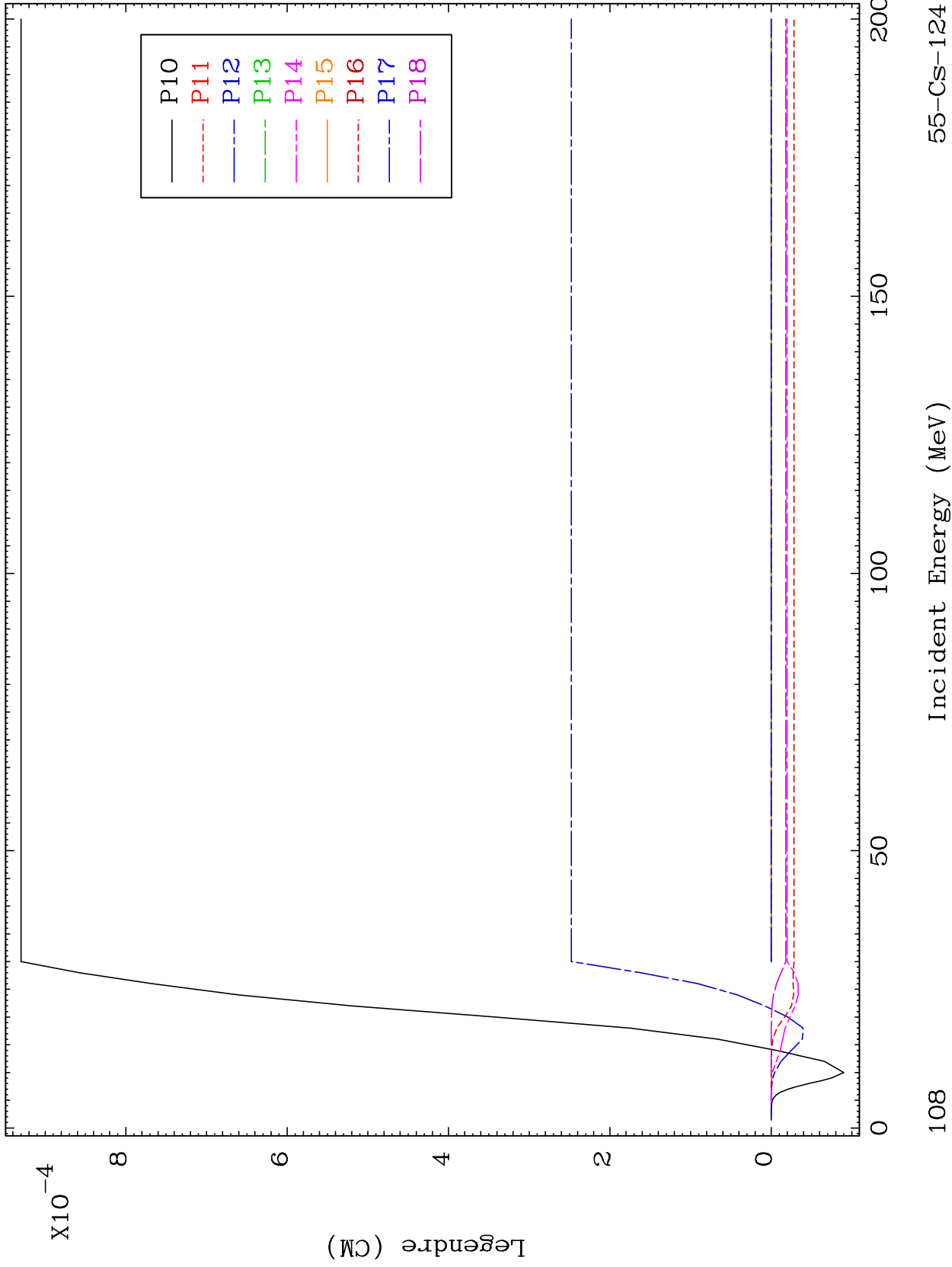




MAT 5498

479.0 keV (n,n') Level  
Legendre Coefficients

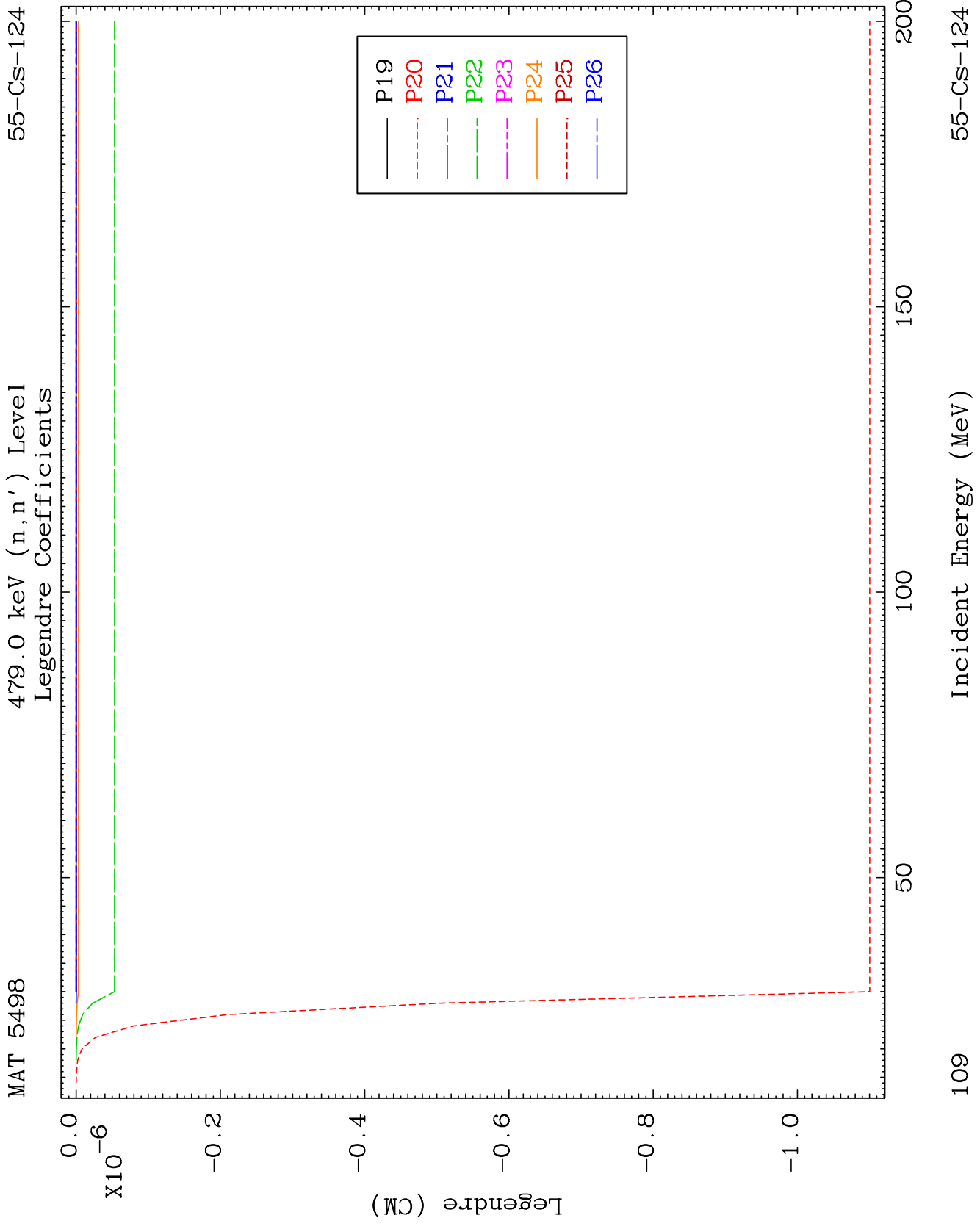
55-Cs-124



55-Cs-124

Incident Energy (MeV)

108

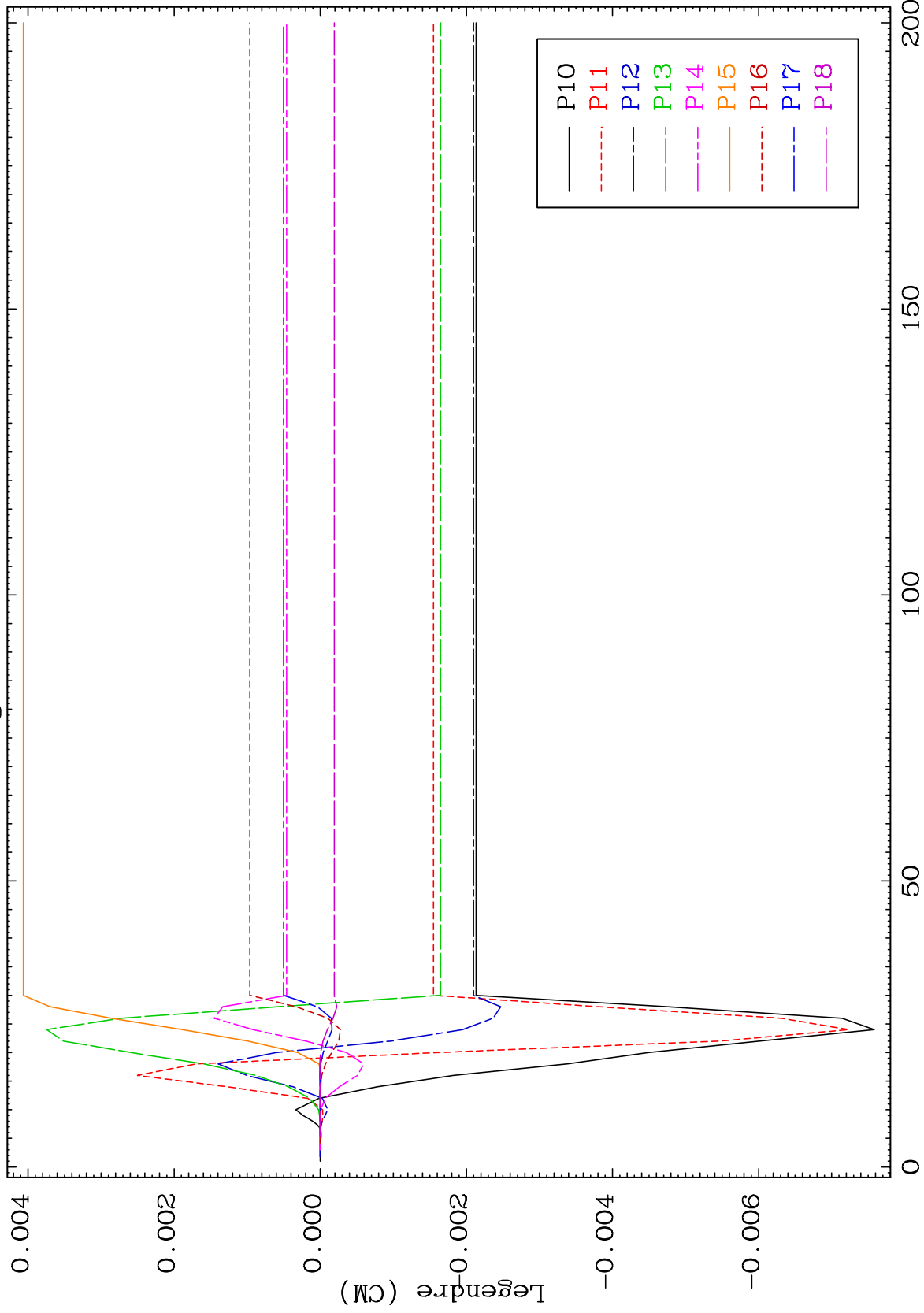




MAT 5498

491.5 keV (n,n') Level  
Legendre Coefficients

55-Cs-124

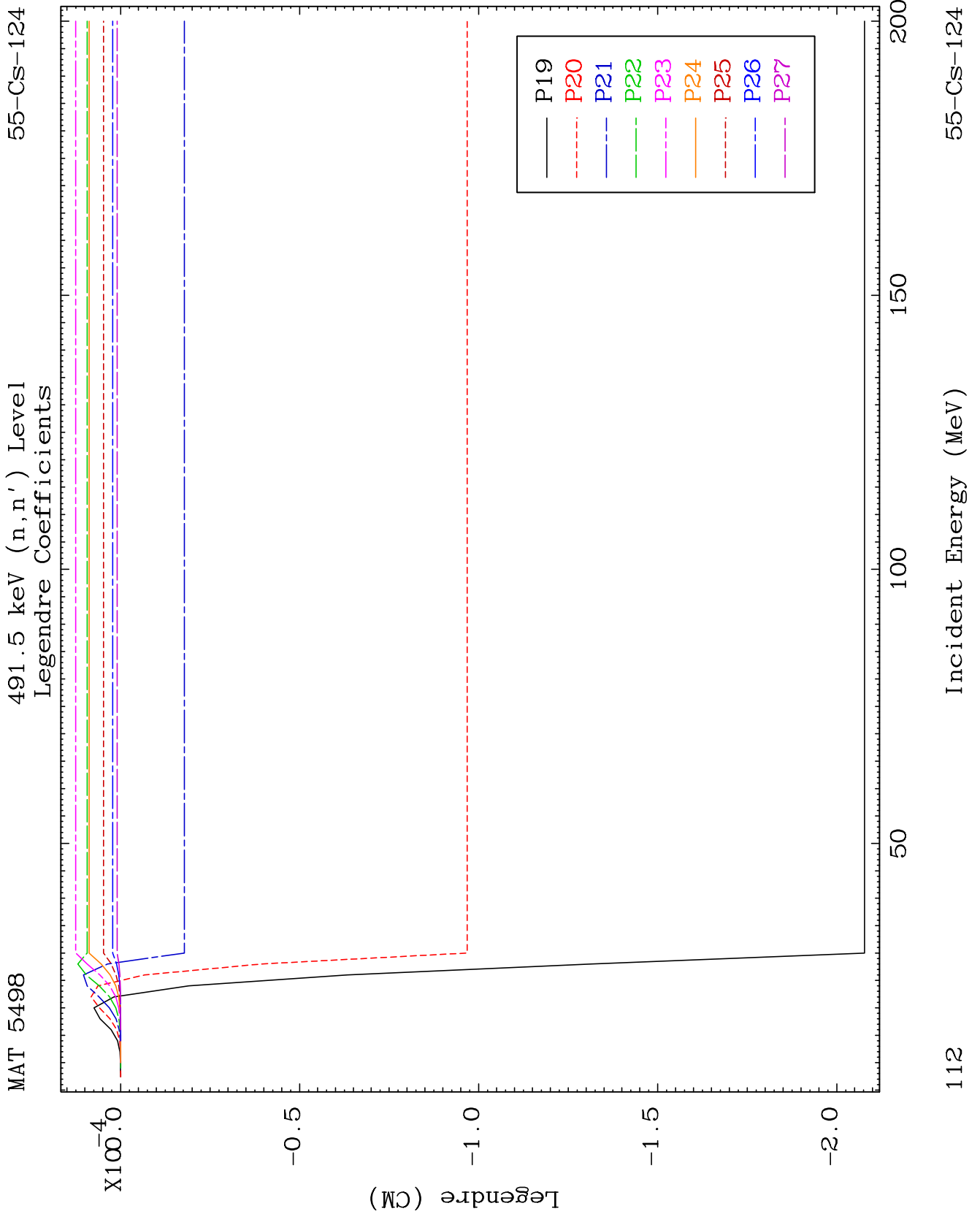


111

Incident Energy (MeV)

55-Cs-124

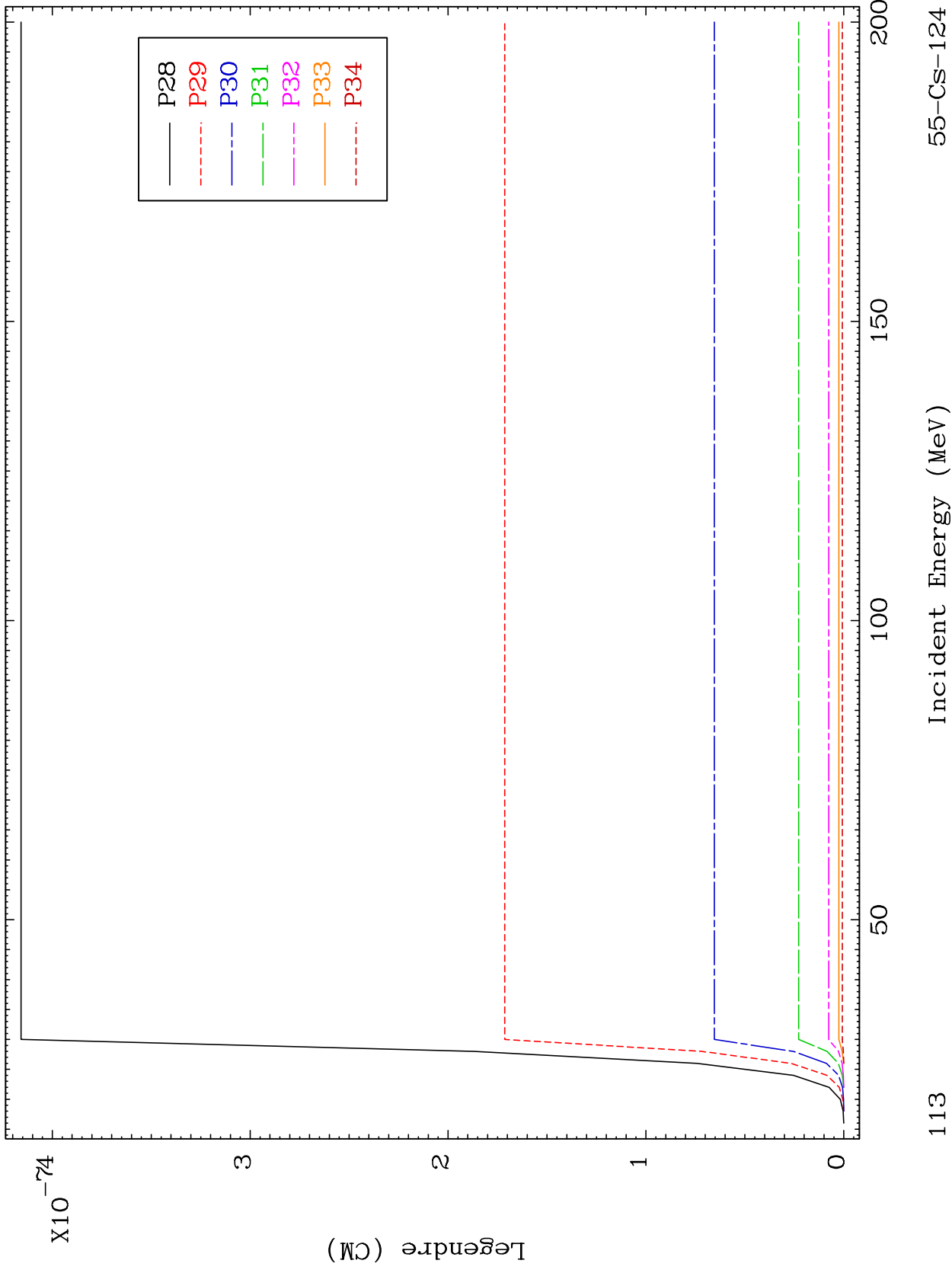


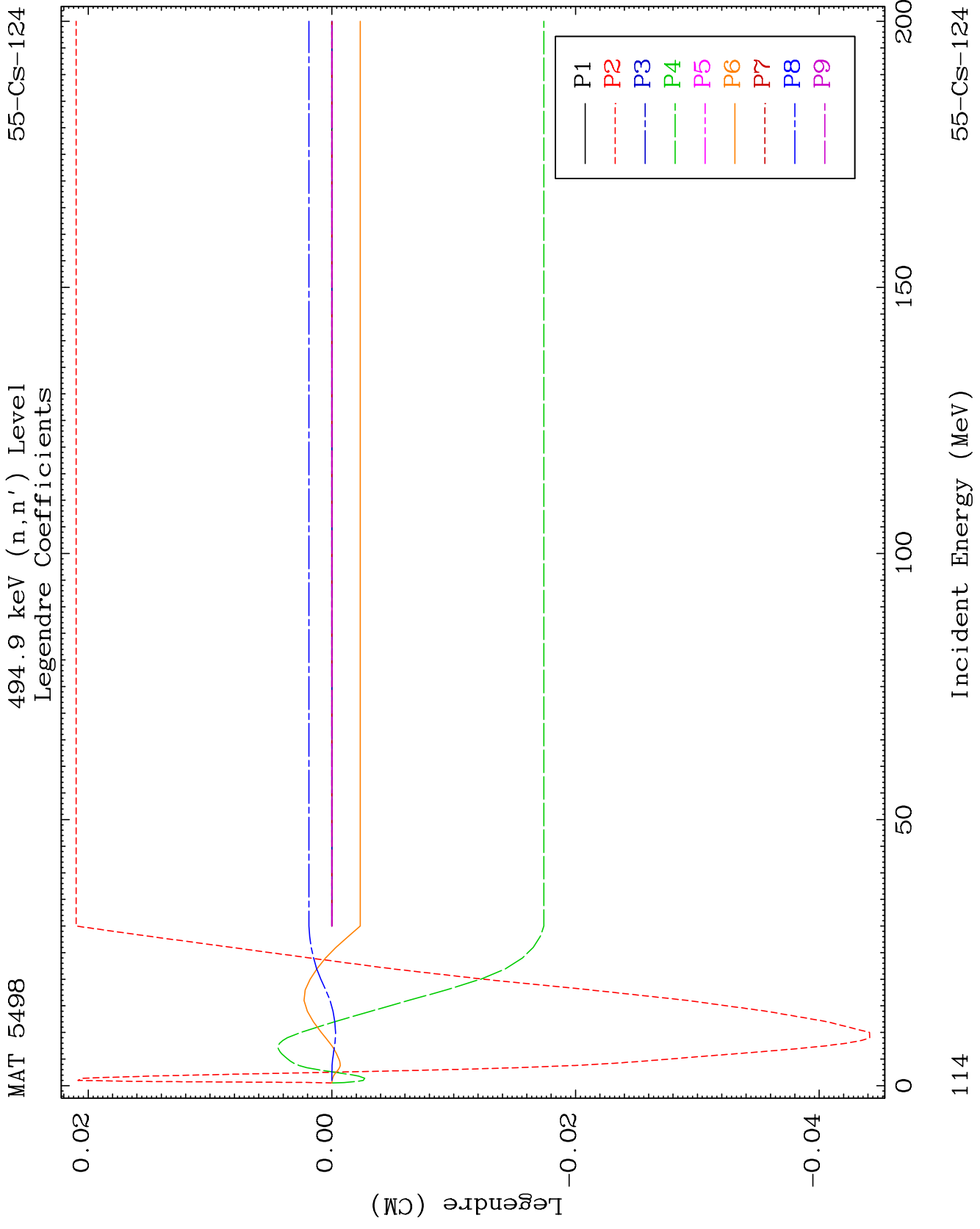


MAT 5498

491.5 keV (n,n') Level  
Legendre Coefficients

55-Cs-124

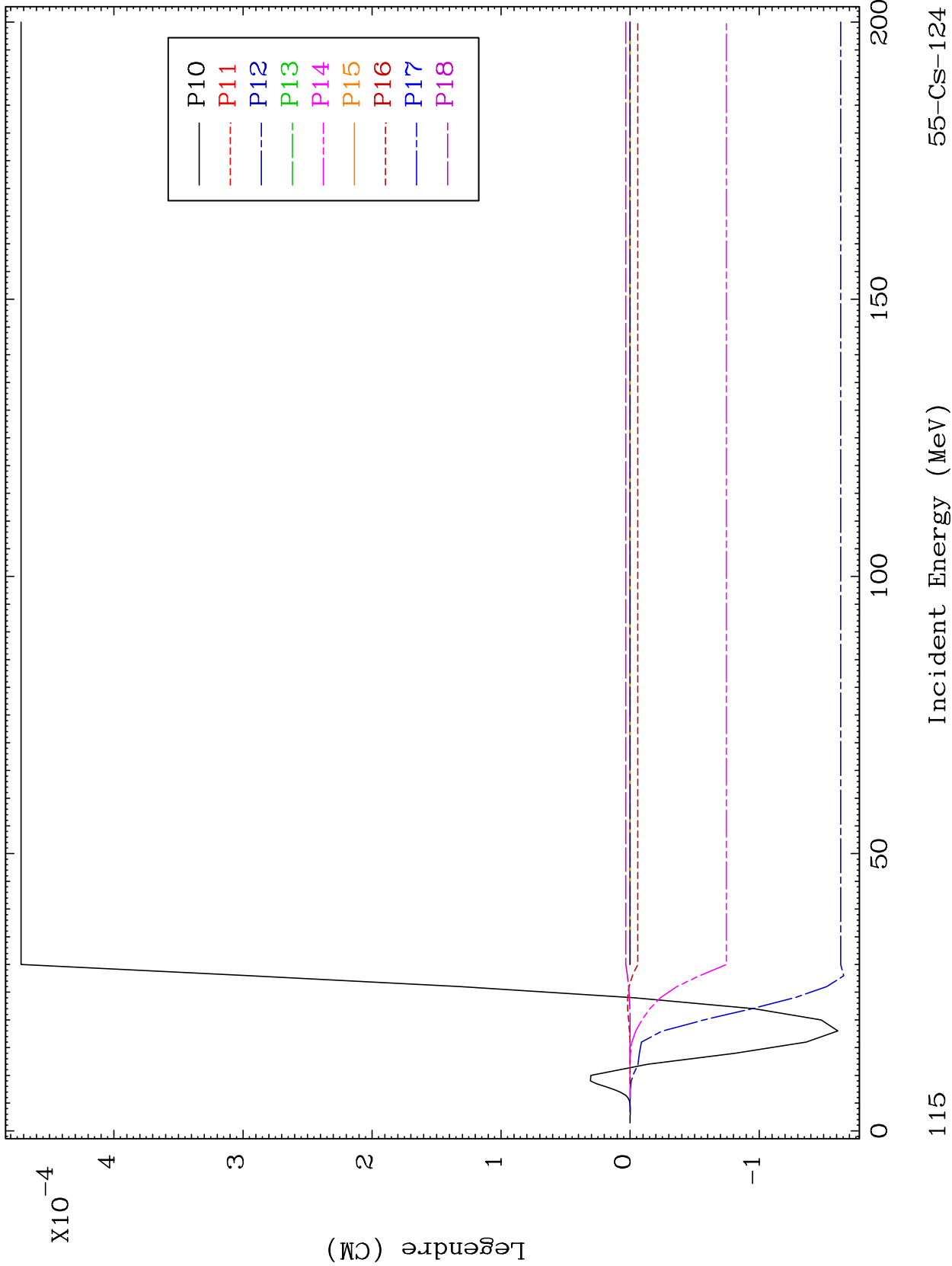




MAT 5498

494.9 keV (n,n') Level  
Legendre Coefficients

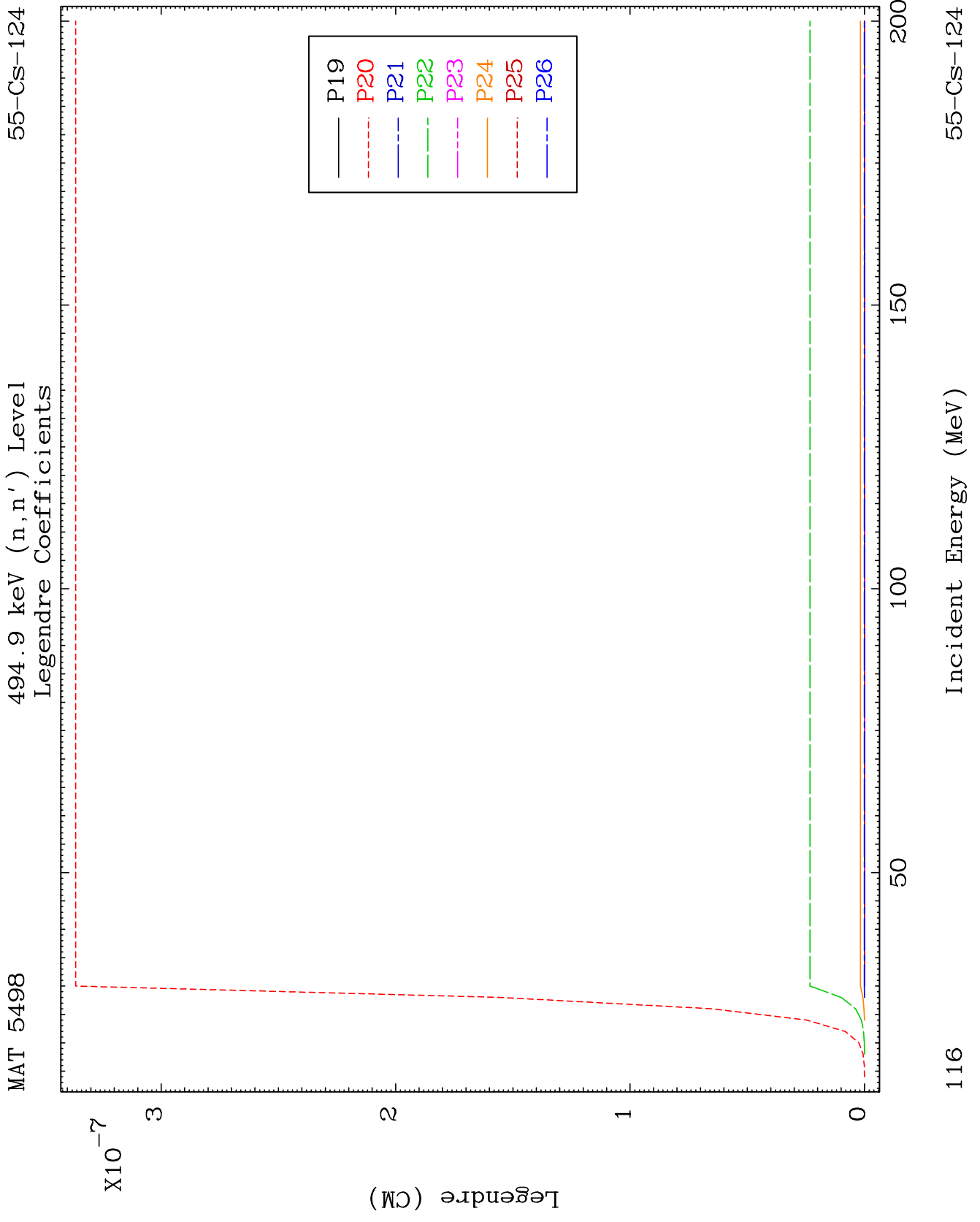
55-Cs-124

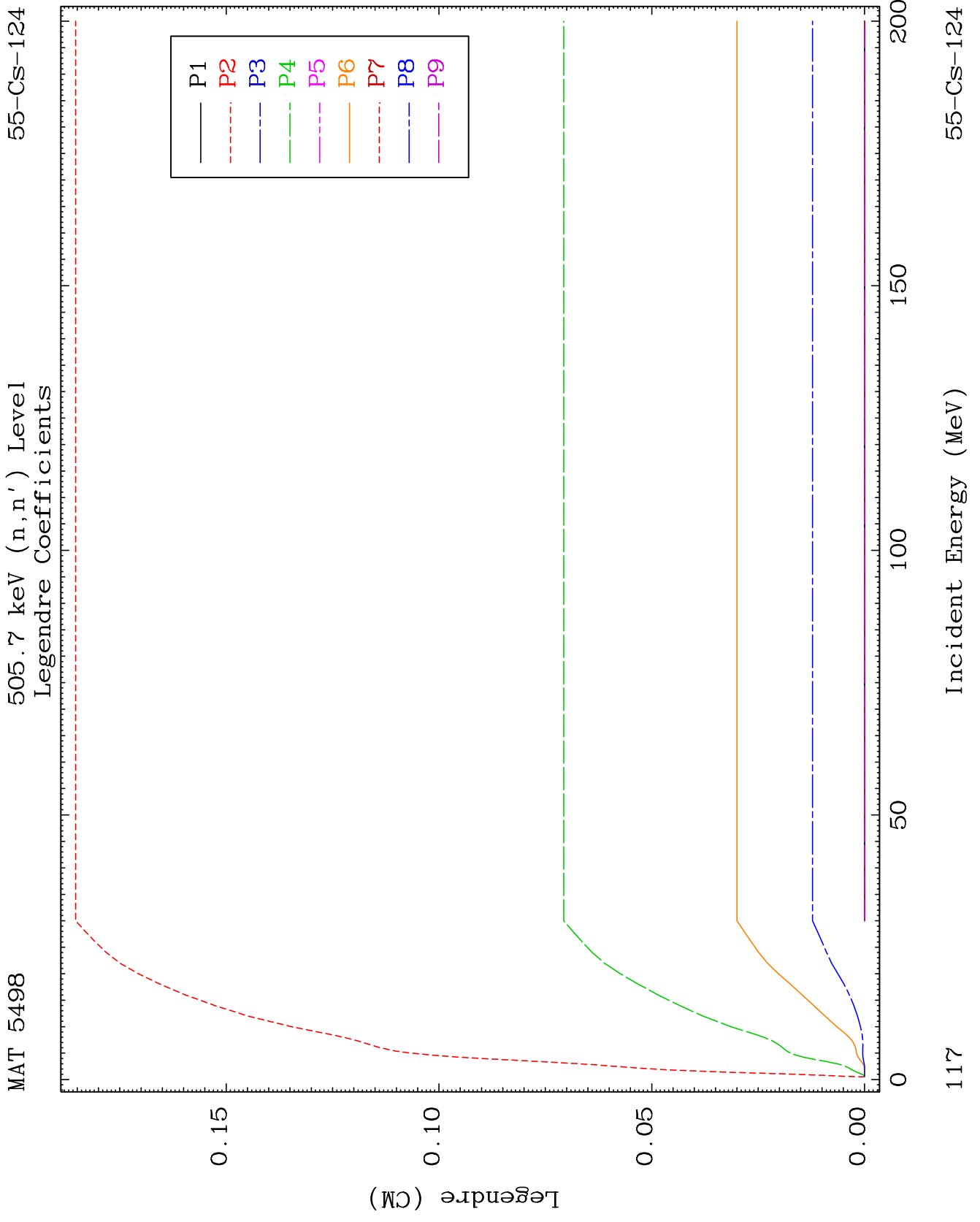


55-Cs-124

Incident Energy (MeV)

115

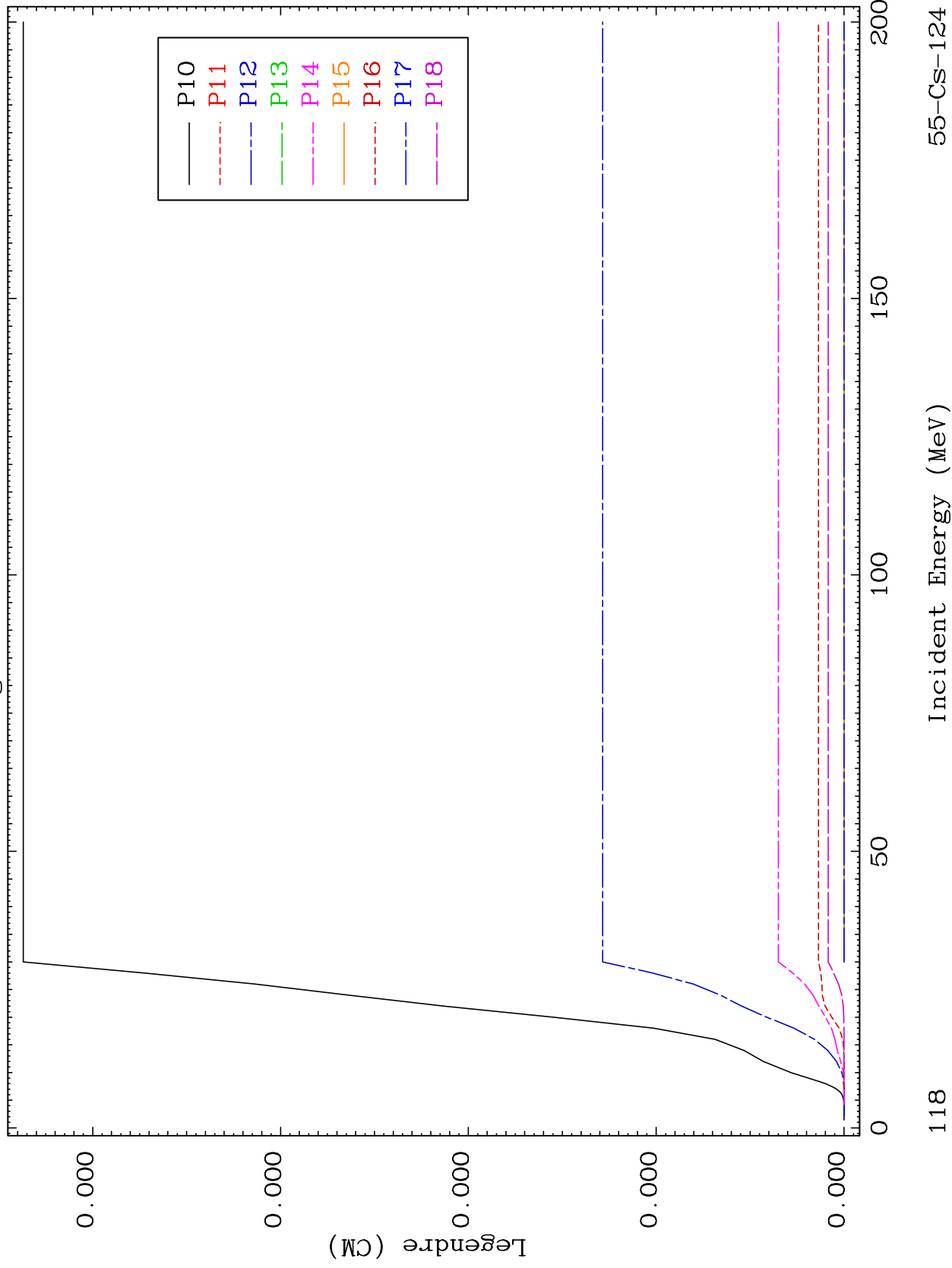




MAT 5498

505.7 keV (n,n') Level  
Legendre Coefficients

55-Cs-124



118

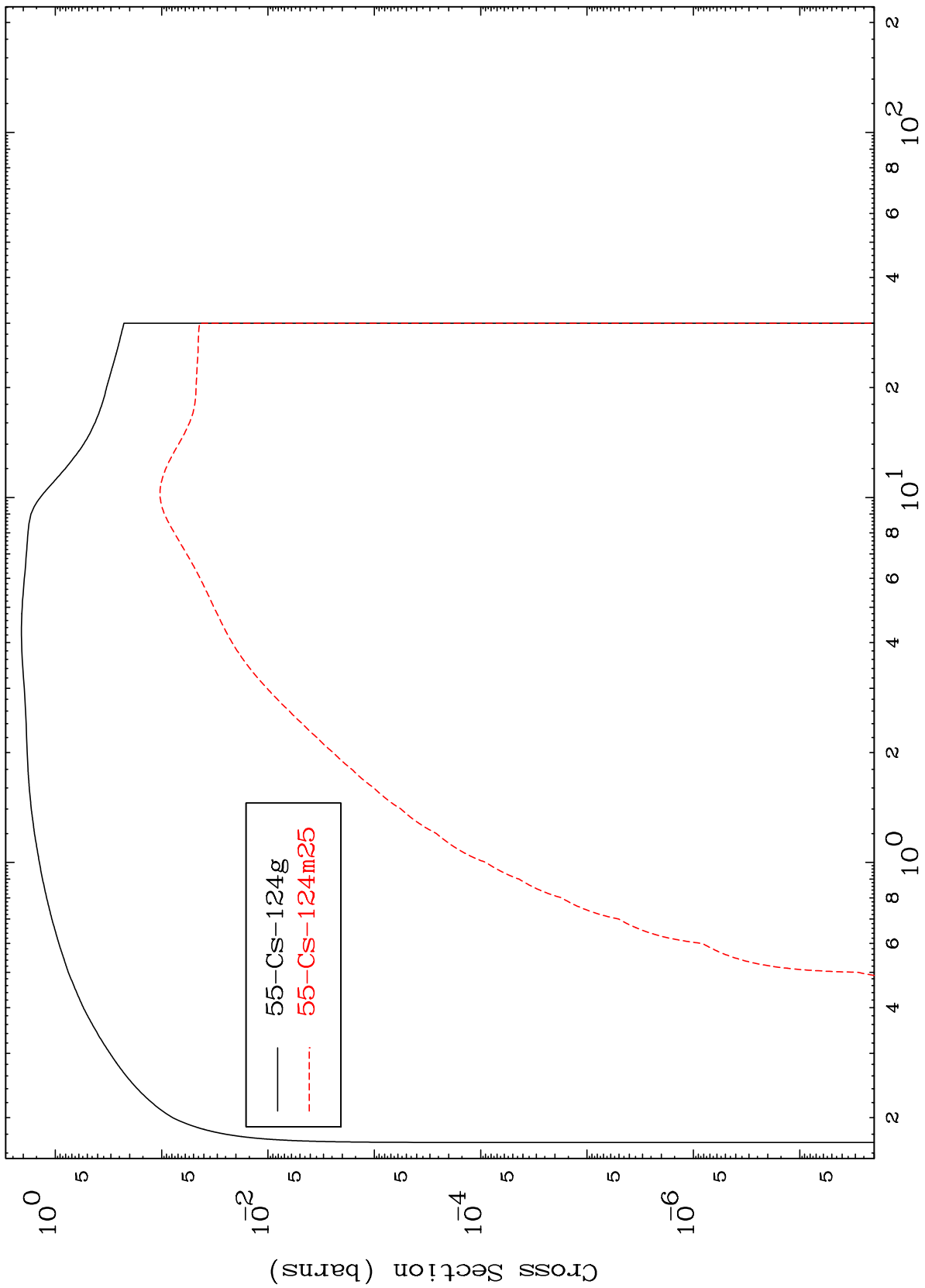




MAT 5498

55-Cs-124

Inelastic  
Radionuclide Production Cross Section



— 55-Cs-124g  
- - - 55-Cs-124m25

120

Incident Energy (MeV)

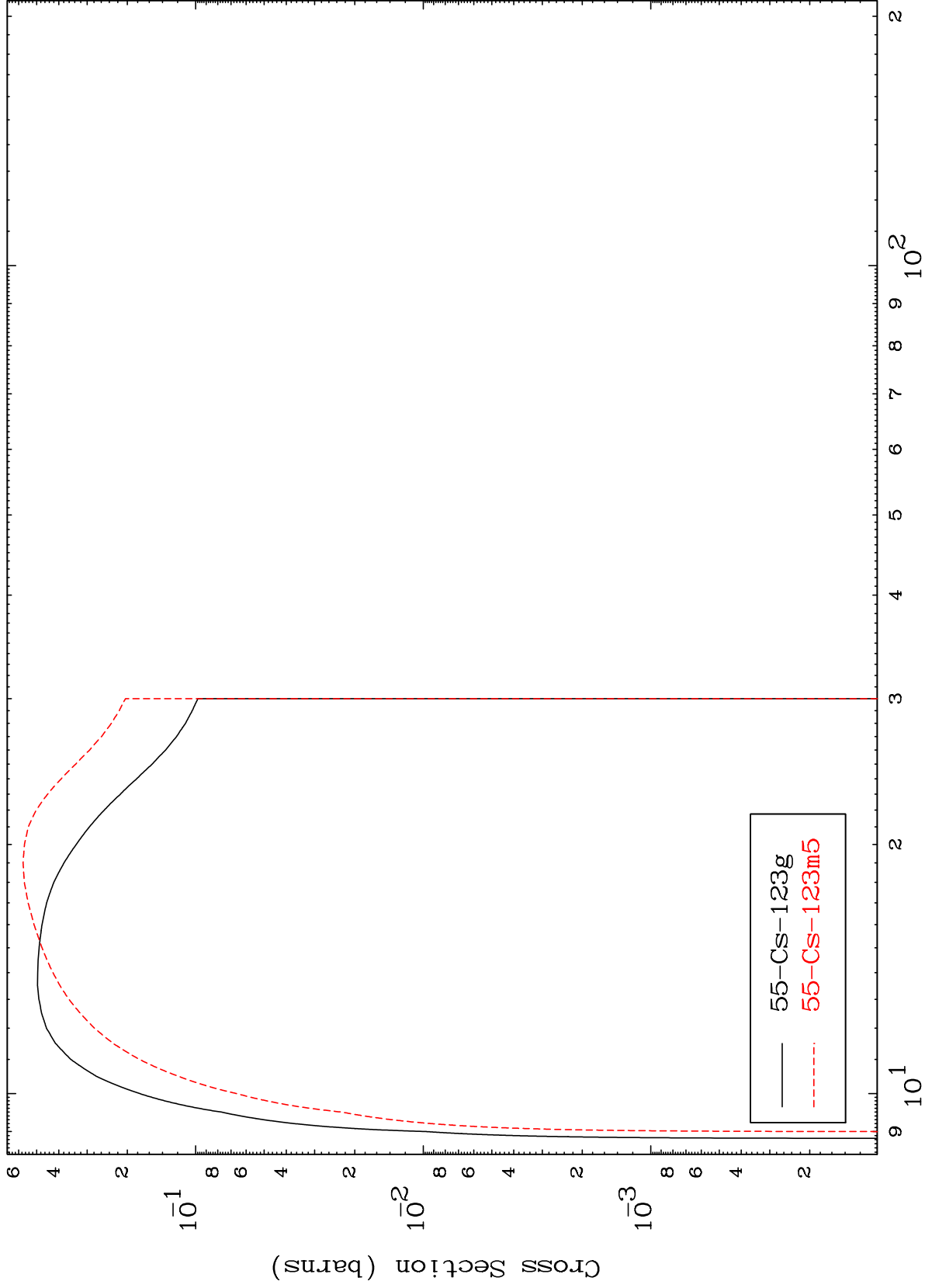
55-Cs-124

MAT 5498

(n,2n)

55-Cs-124

Radionuclide Production Cross Section



121

Incident Energy (MeV)

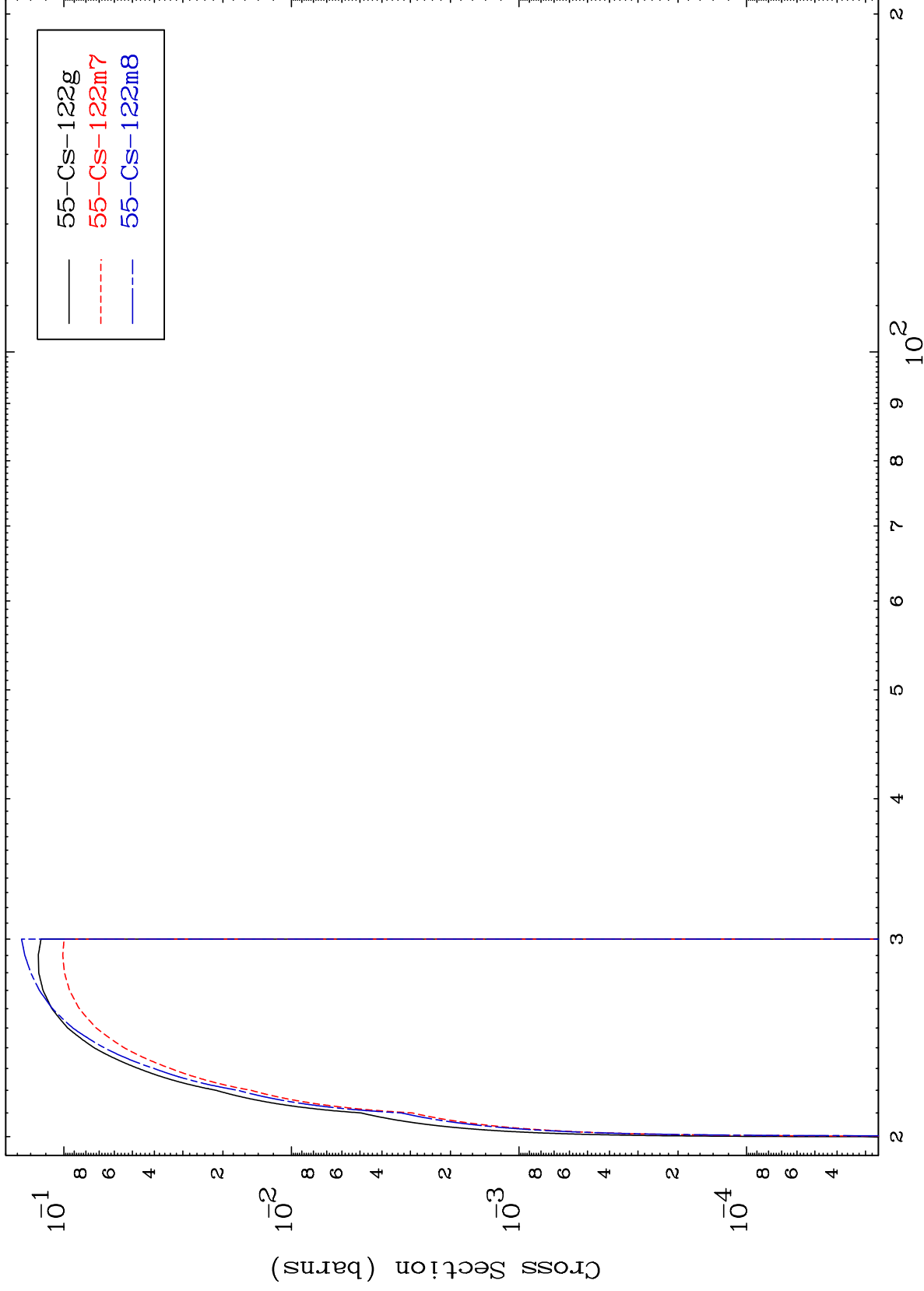
55-Cs-124

MAT 5498

(n,3n)

55-Cs-124

Radionuclide Production Cross Section



122

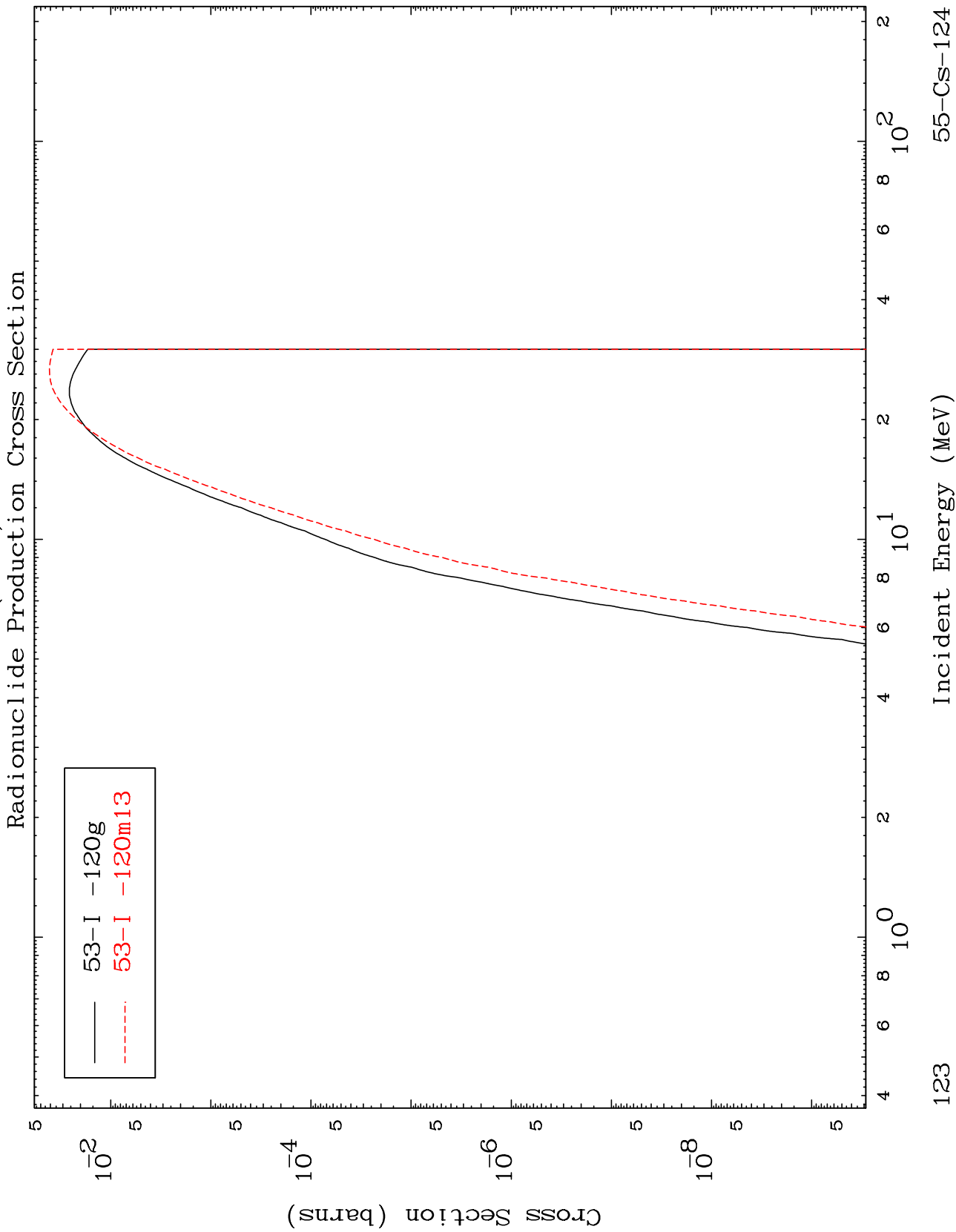
Incident Energy (MeV)

55-Cs-124

MAT 5498

(n,n')  $\alpha$

55-Cs-124

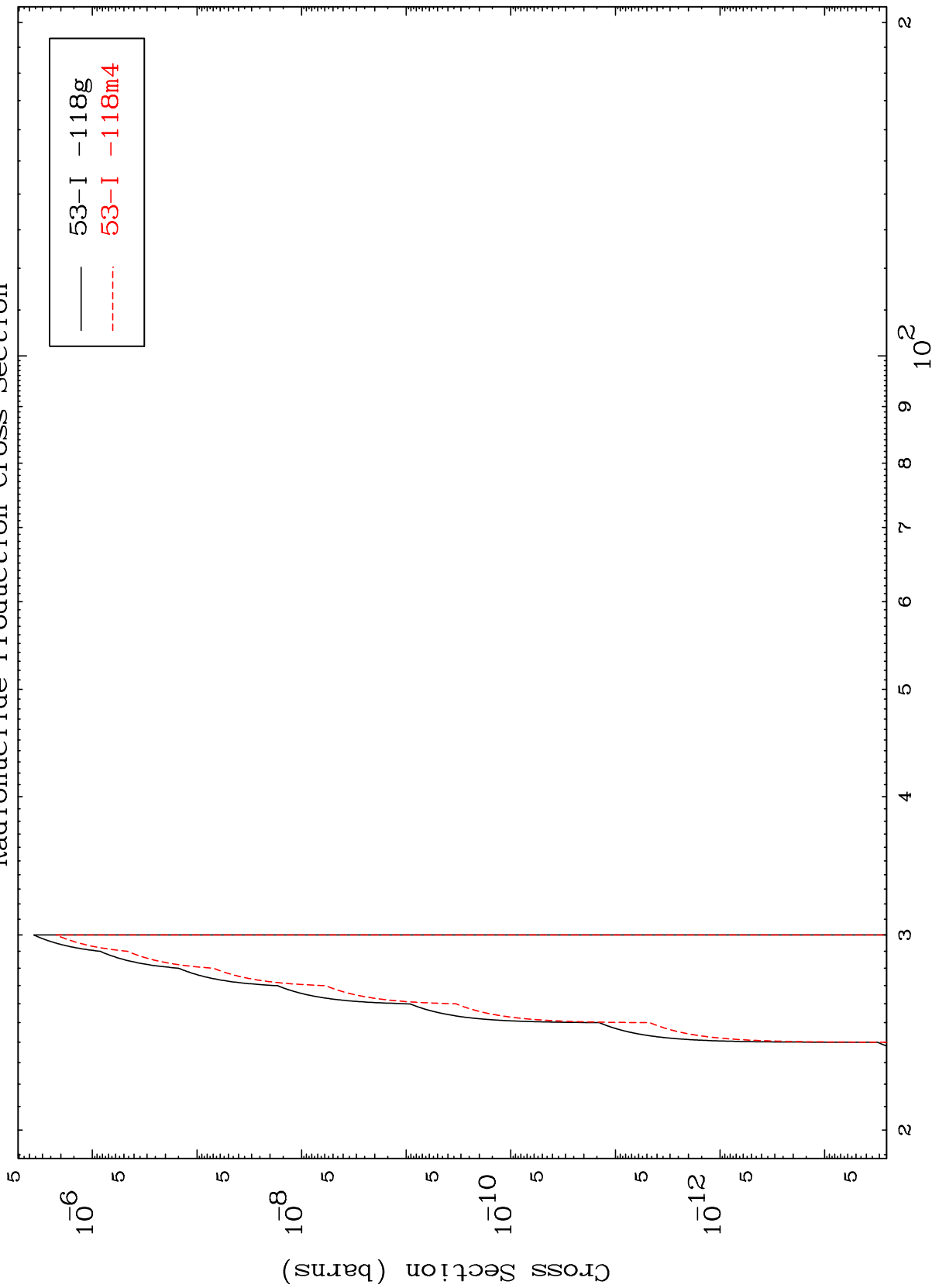


MAT 5498

(n,3n)  $\alpha$

55-Cs-124

Radionuclide Production Cross Section



124

Incident Energy (MeV)

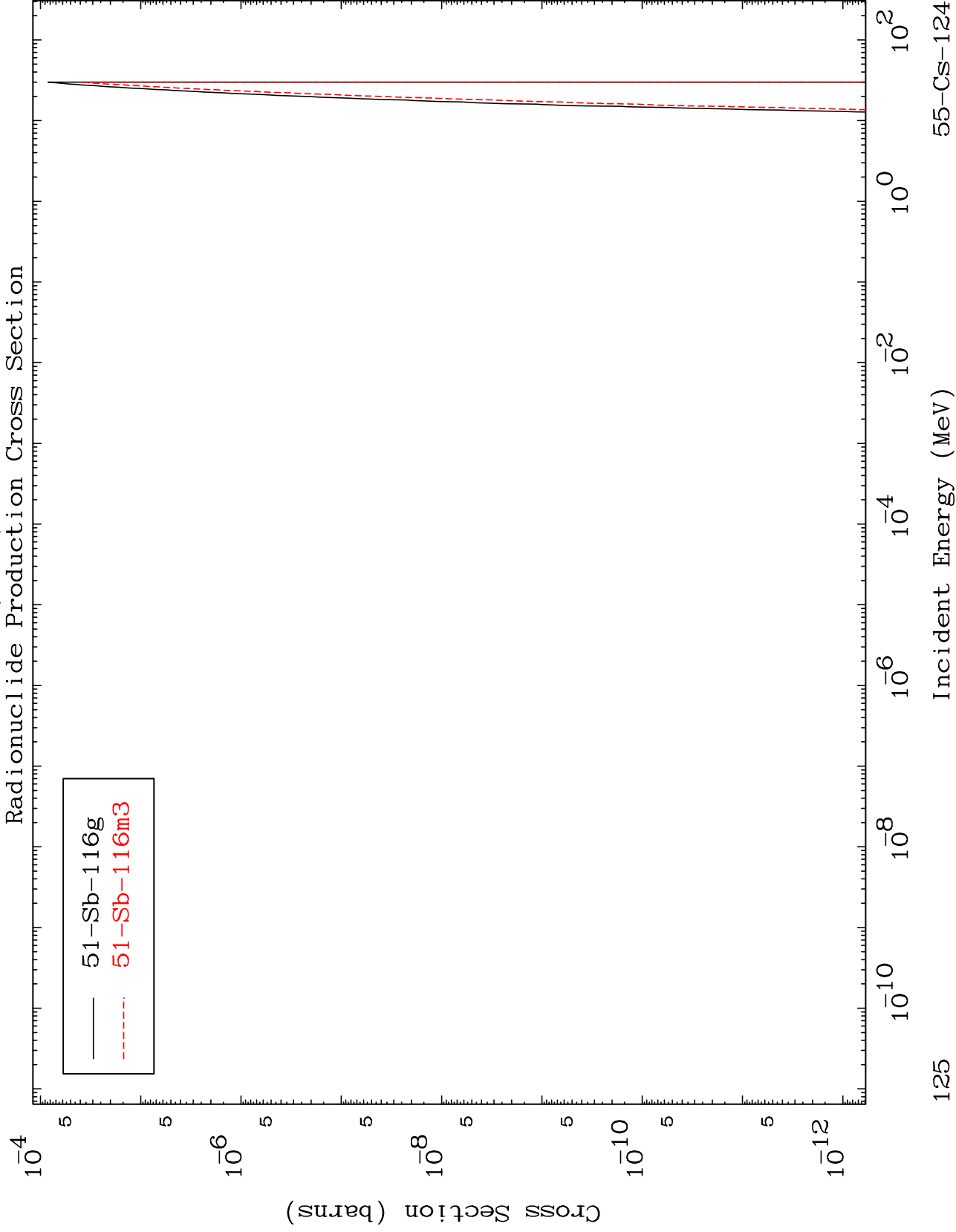
55-Cs-124

MAT 5498

(n,n') 2α

55-Cs-124

Radionuclide Production Cross Section



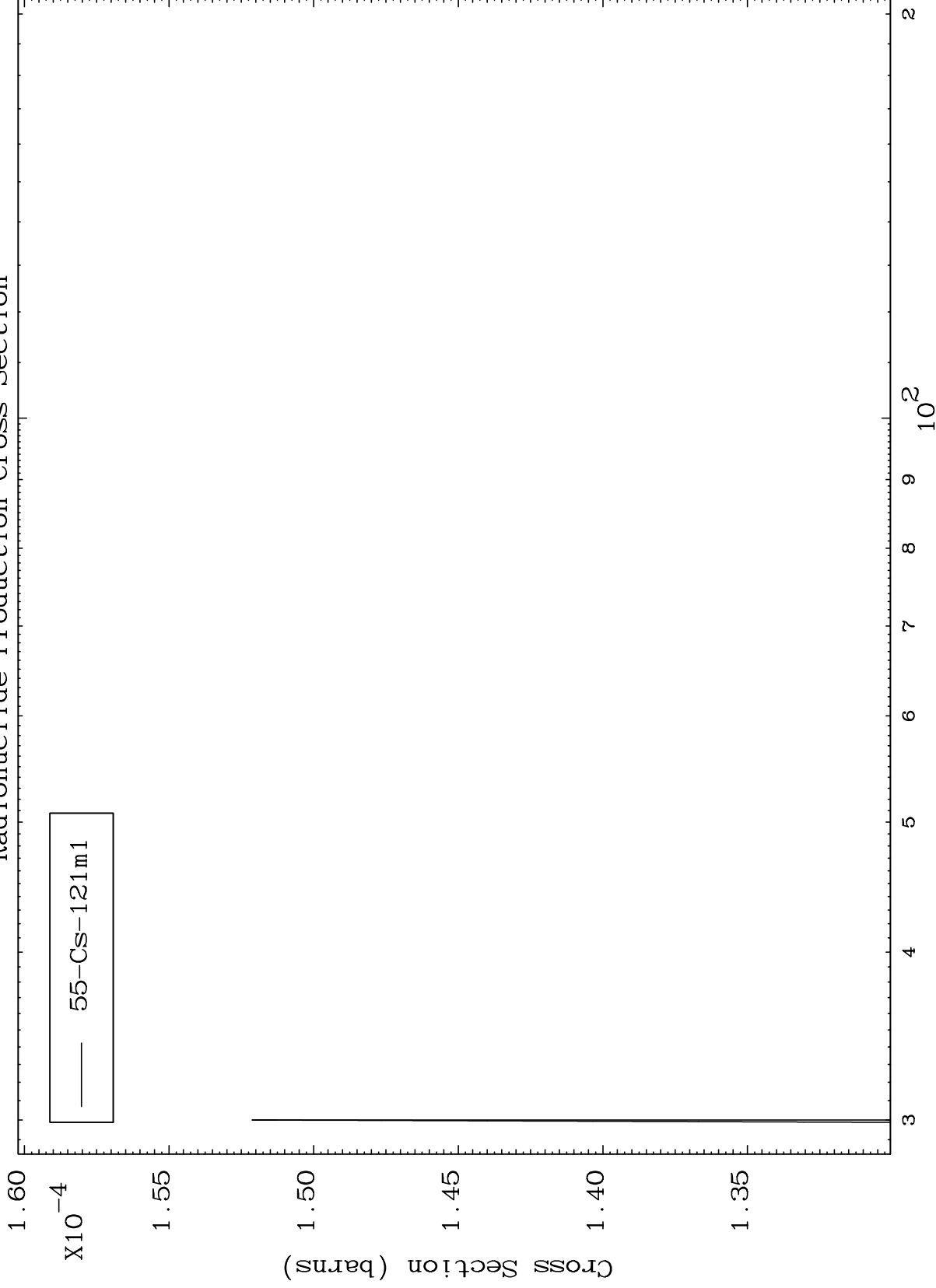
125

MAT 5498

(n,4n)

55-Cs-124

Radionuclide Production Cross Section



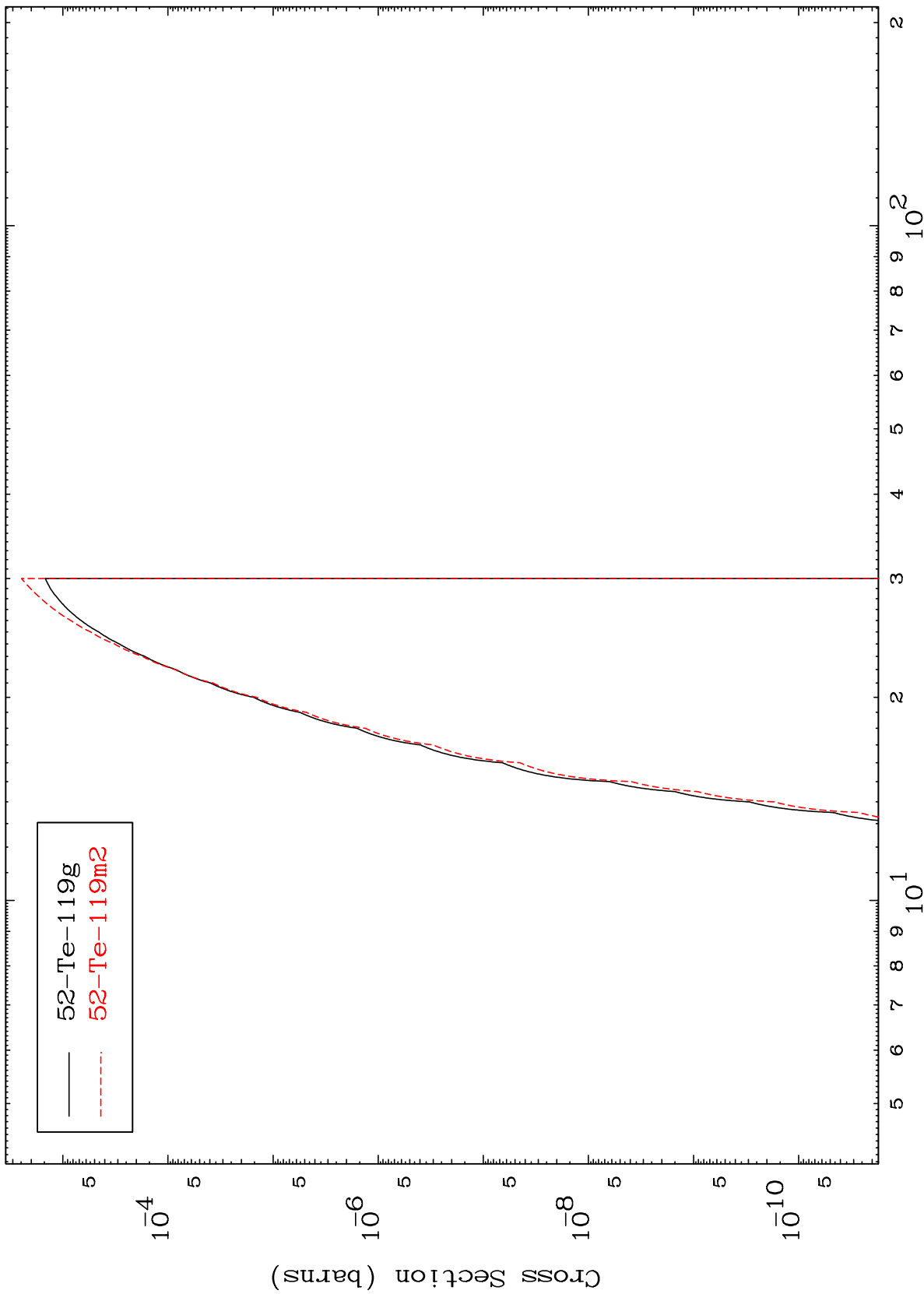
126

Incident Energy (MeV)

55-Cs-124

(n,n') p α

Radionuclide Production Cross Section



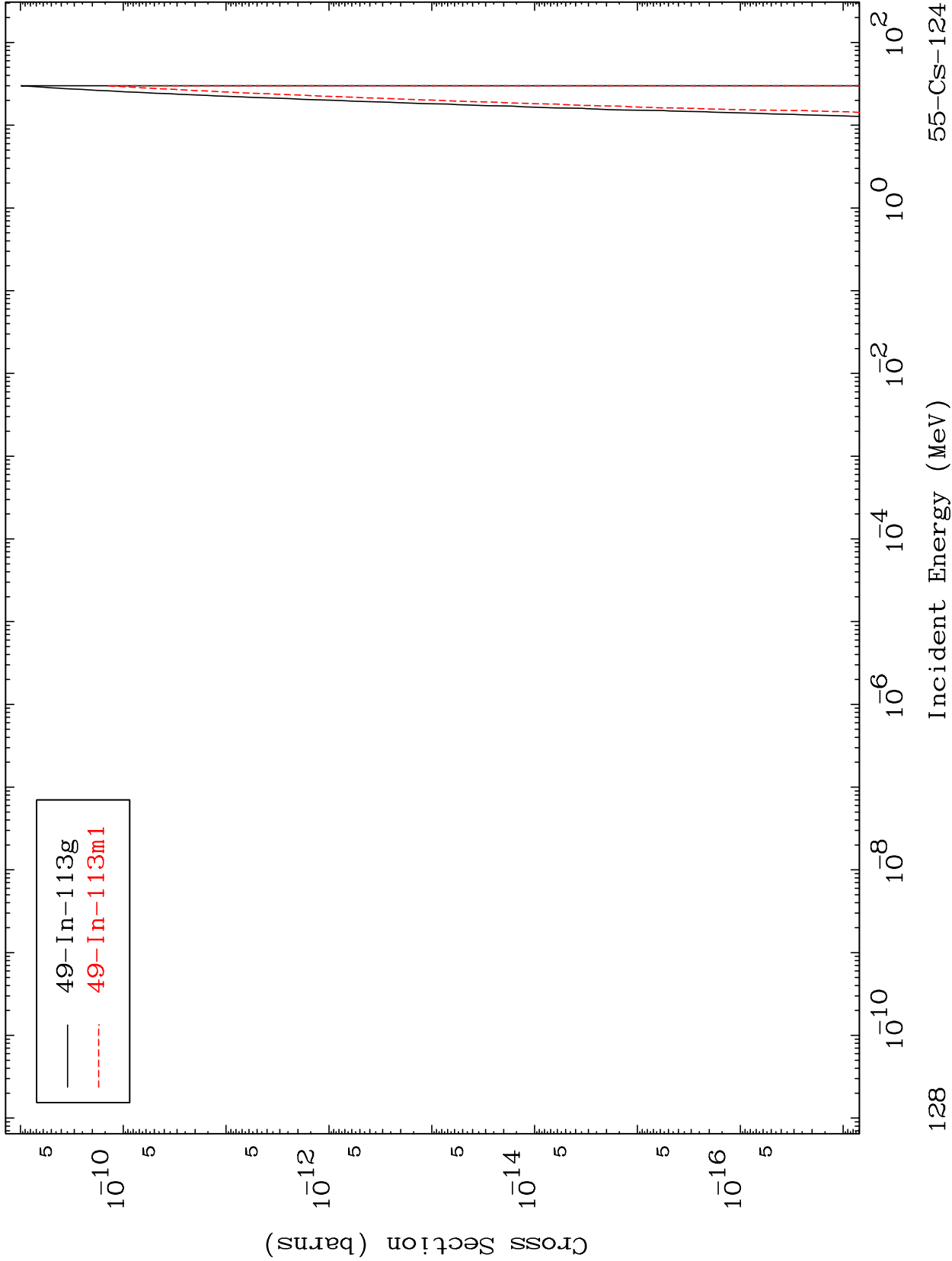


MAT 5498

(n, 3α)

55-Cs-124

Radionuclide Production Cross Section



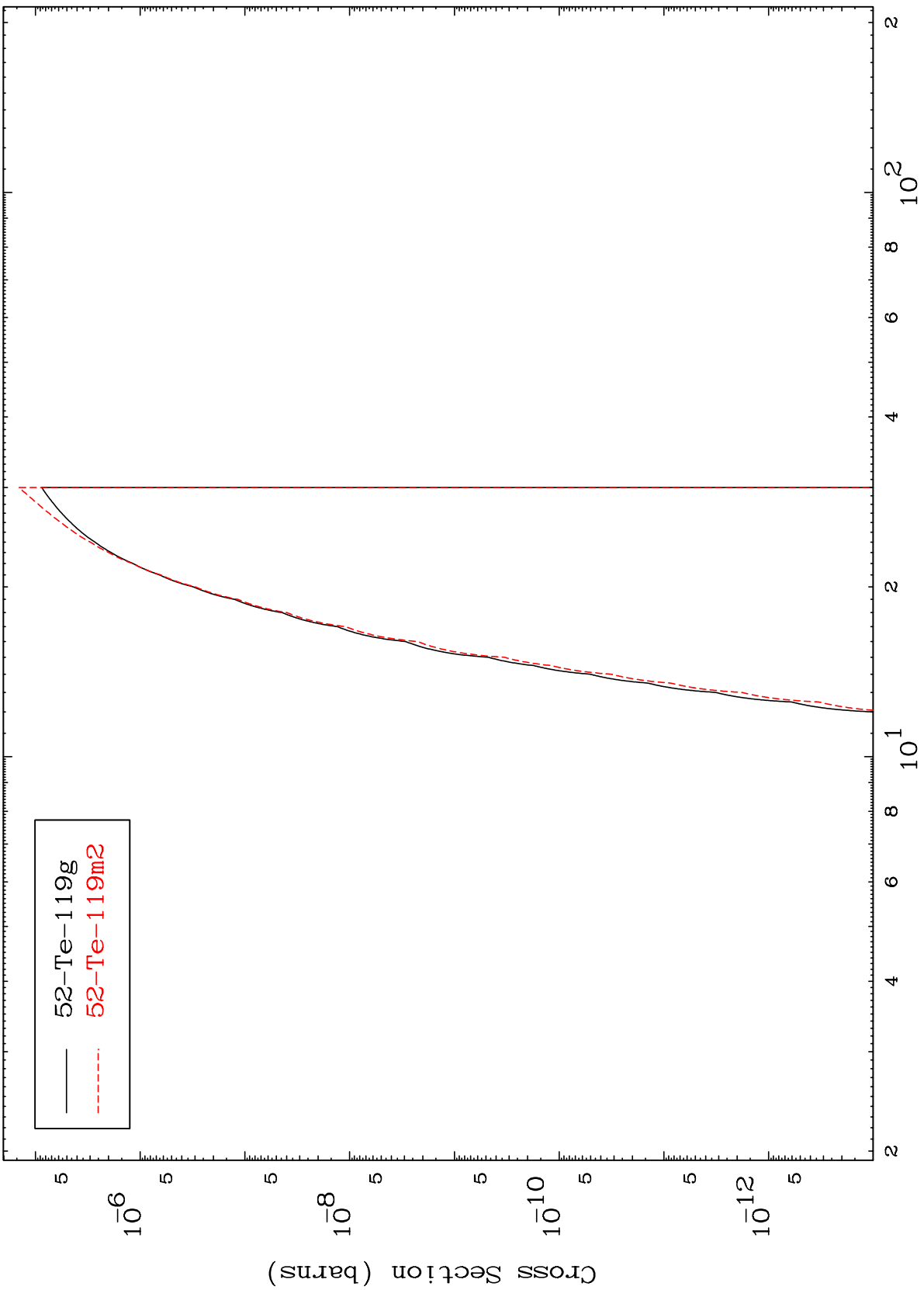
49-In-113g  
49-In-113m1

MAT 5498

(n,d)  $\alpha$

55-Cs-124

Radionuclide Production Cross Section



129

Incident Energy (MeV)

55-Cs-124