

Program EVALPLOT  
(Version 2015-2)

by

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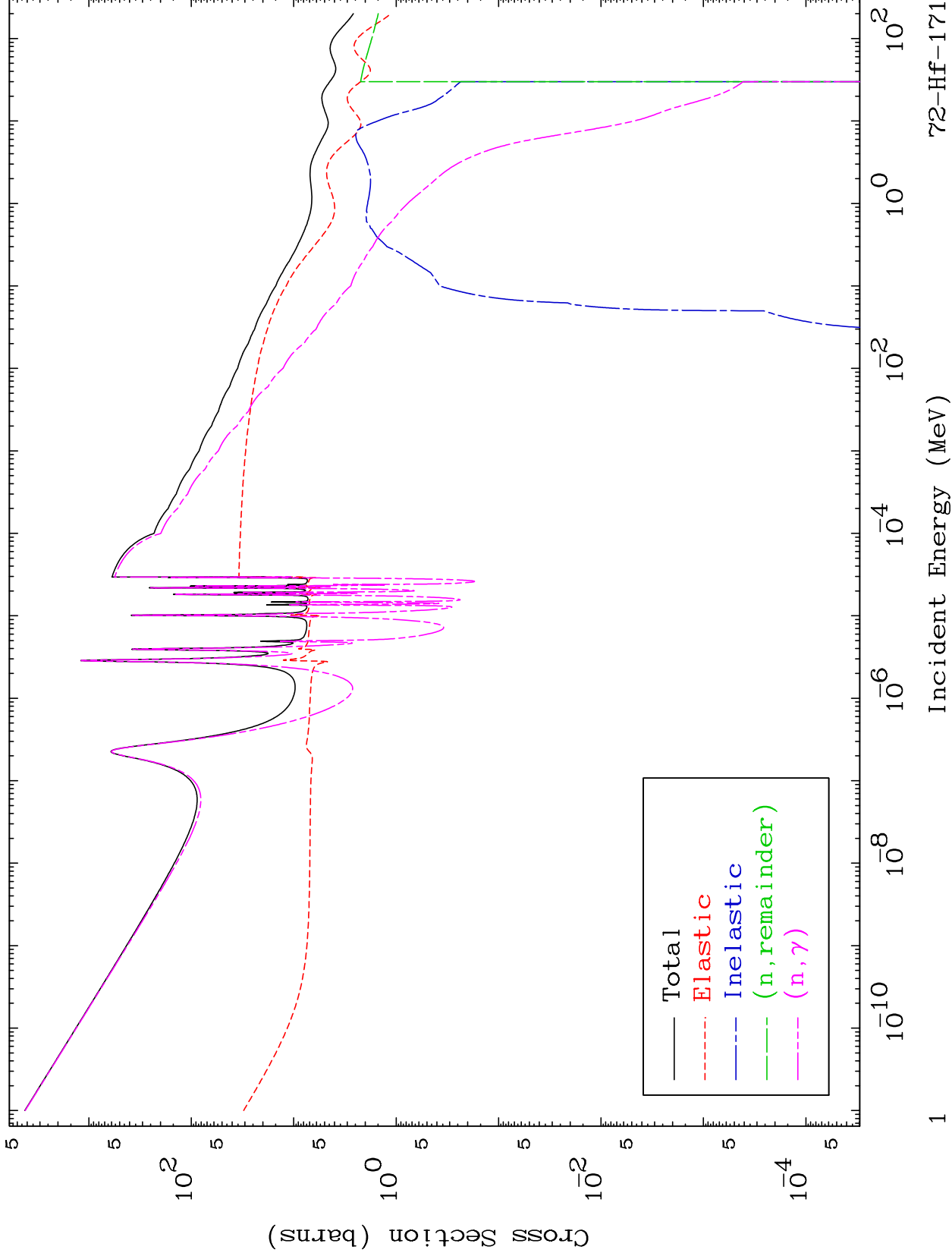
Press Mouse Button to Start

MAT 7216

Major

293 Kelvin Cross Sections

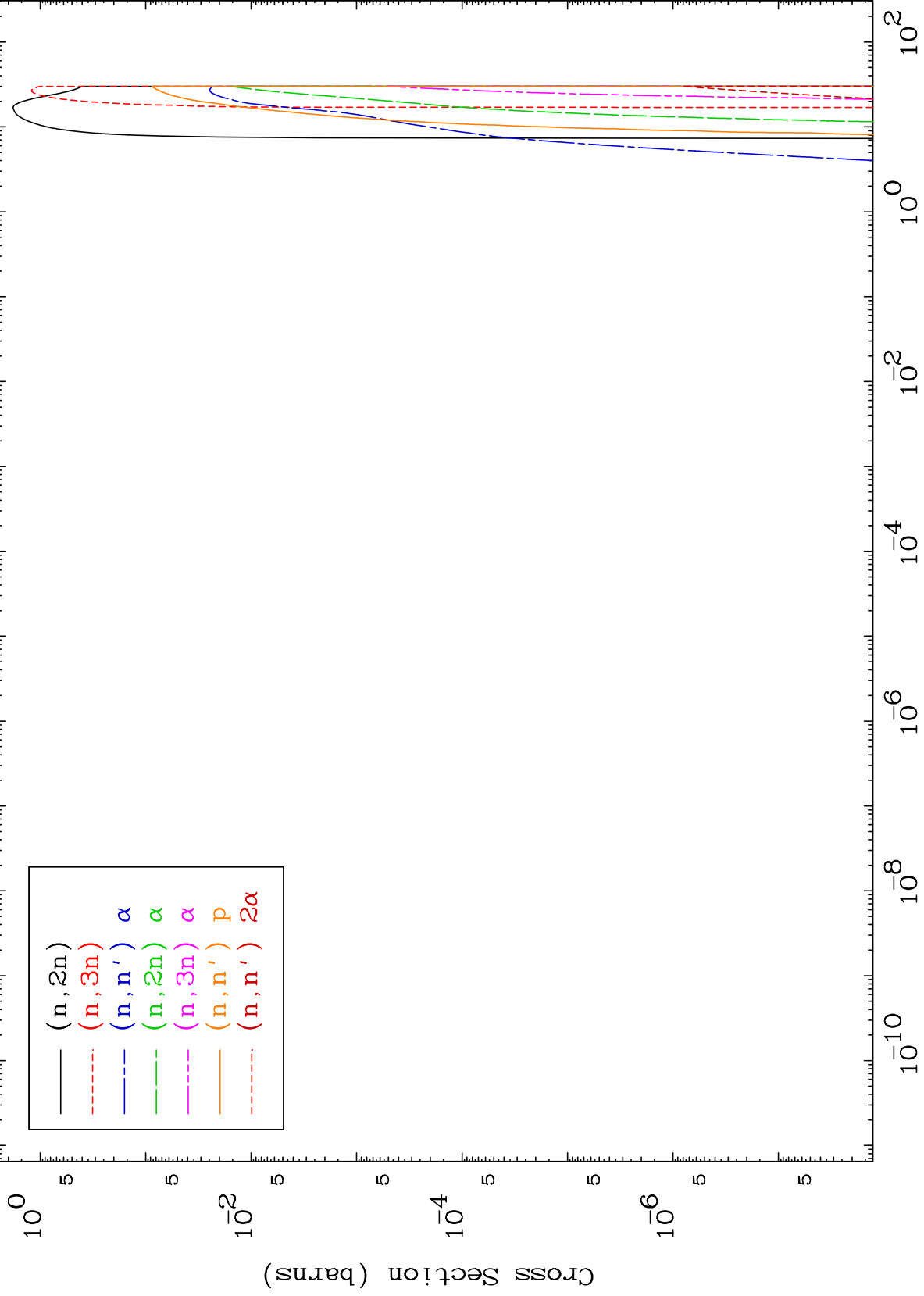
72-Hf-171



MAT 7216

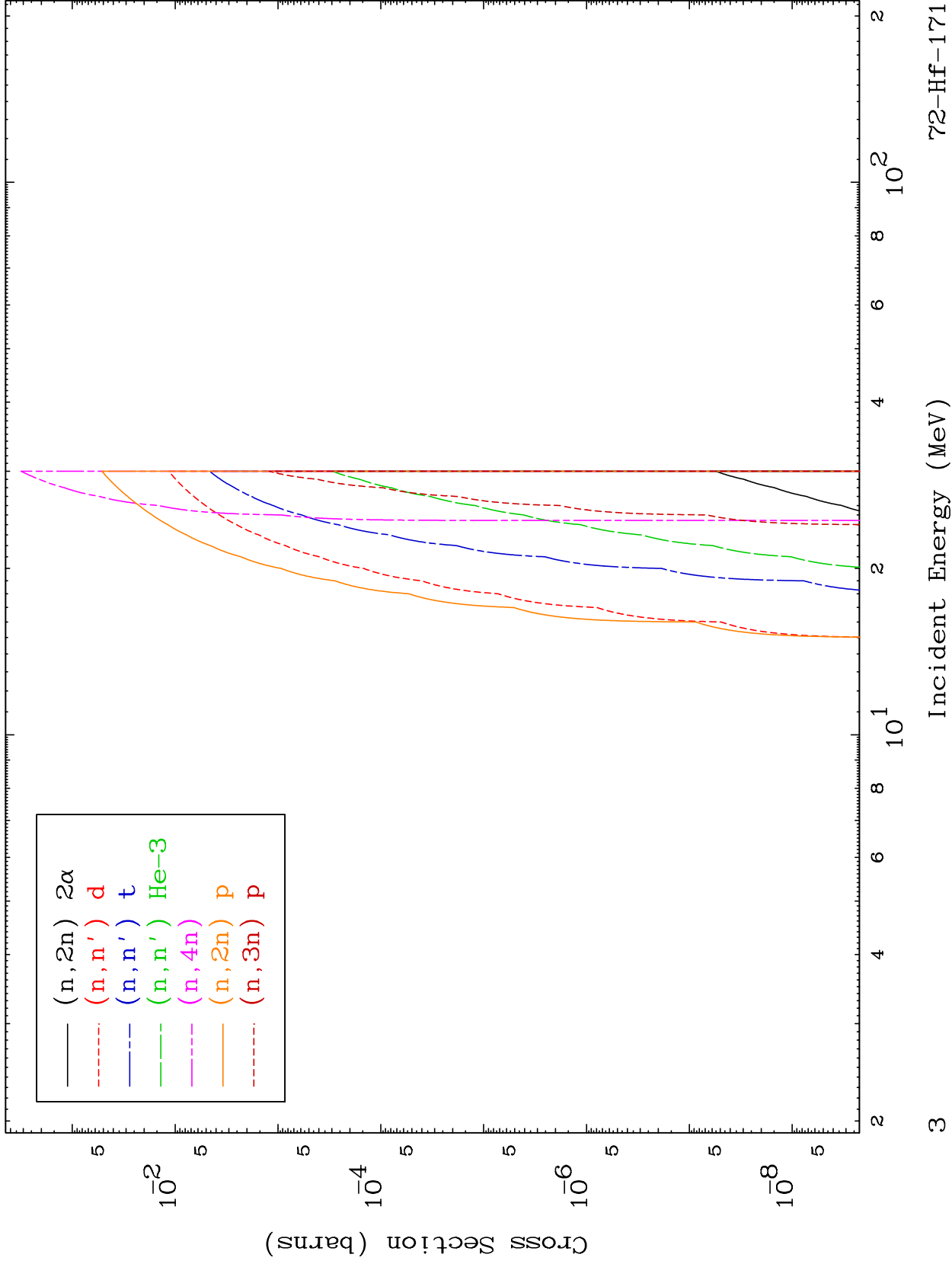
Neutron Production  
293 Kelvin Cross Sections

72-Hf-171



72-Hf-171

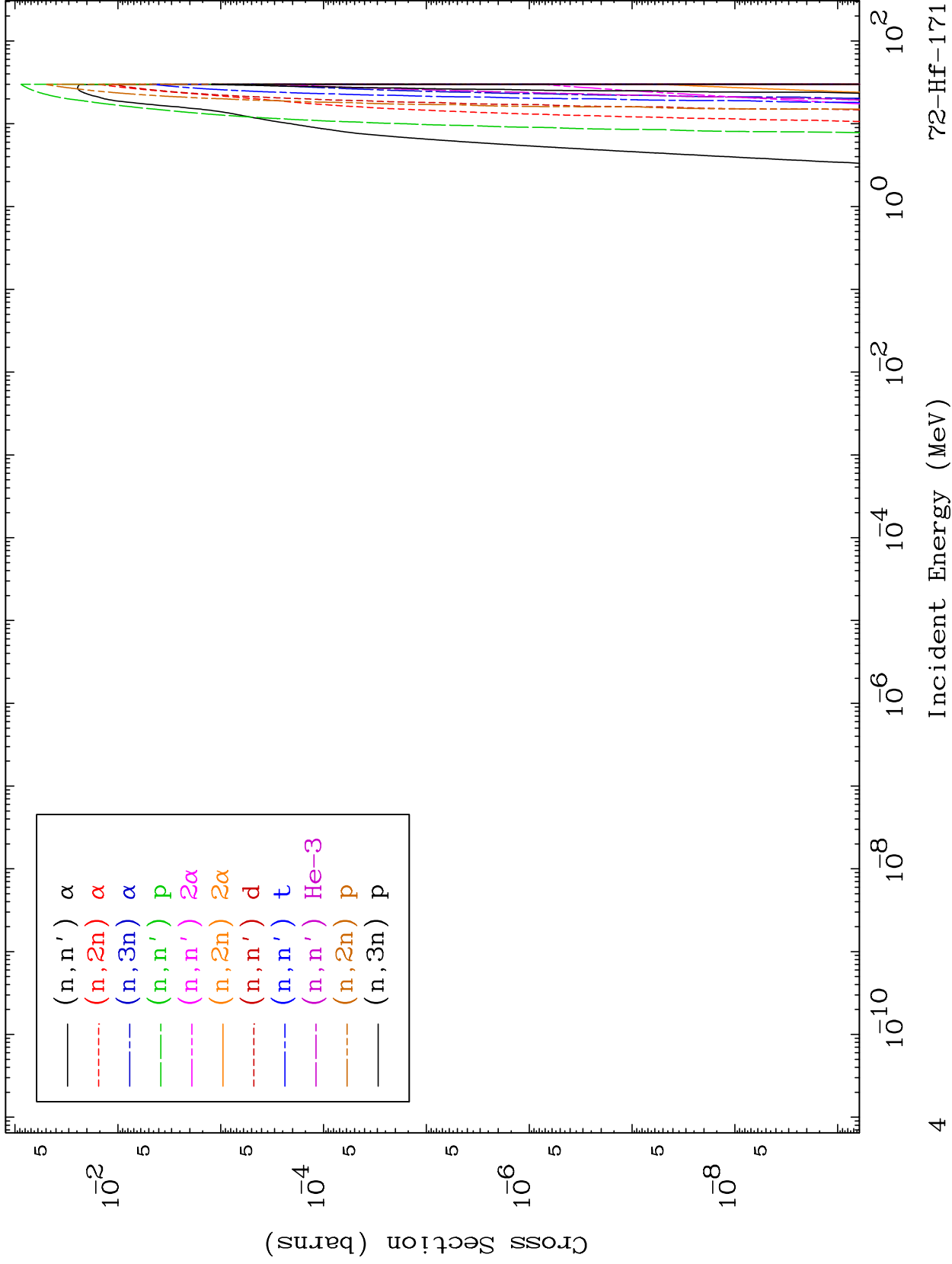
Incident Energy (MeV)



MAT 7216

Charged Particle  
293 Kelvin Cross Sections

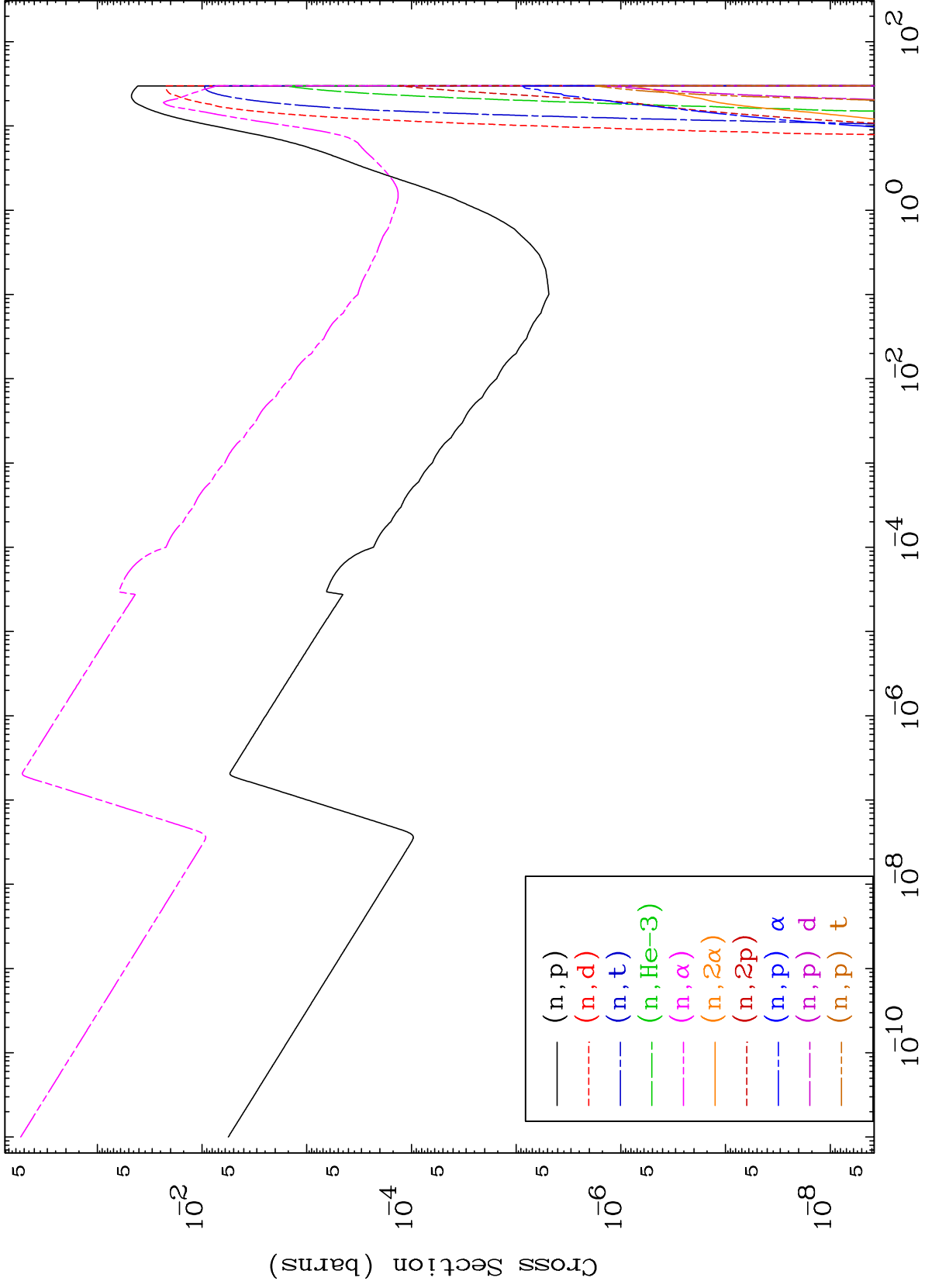
72-Hf-171



MAT 7216

Charged Particle  
293 Kelvin Cross Sections

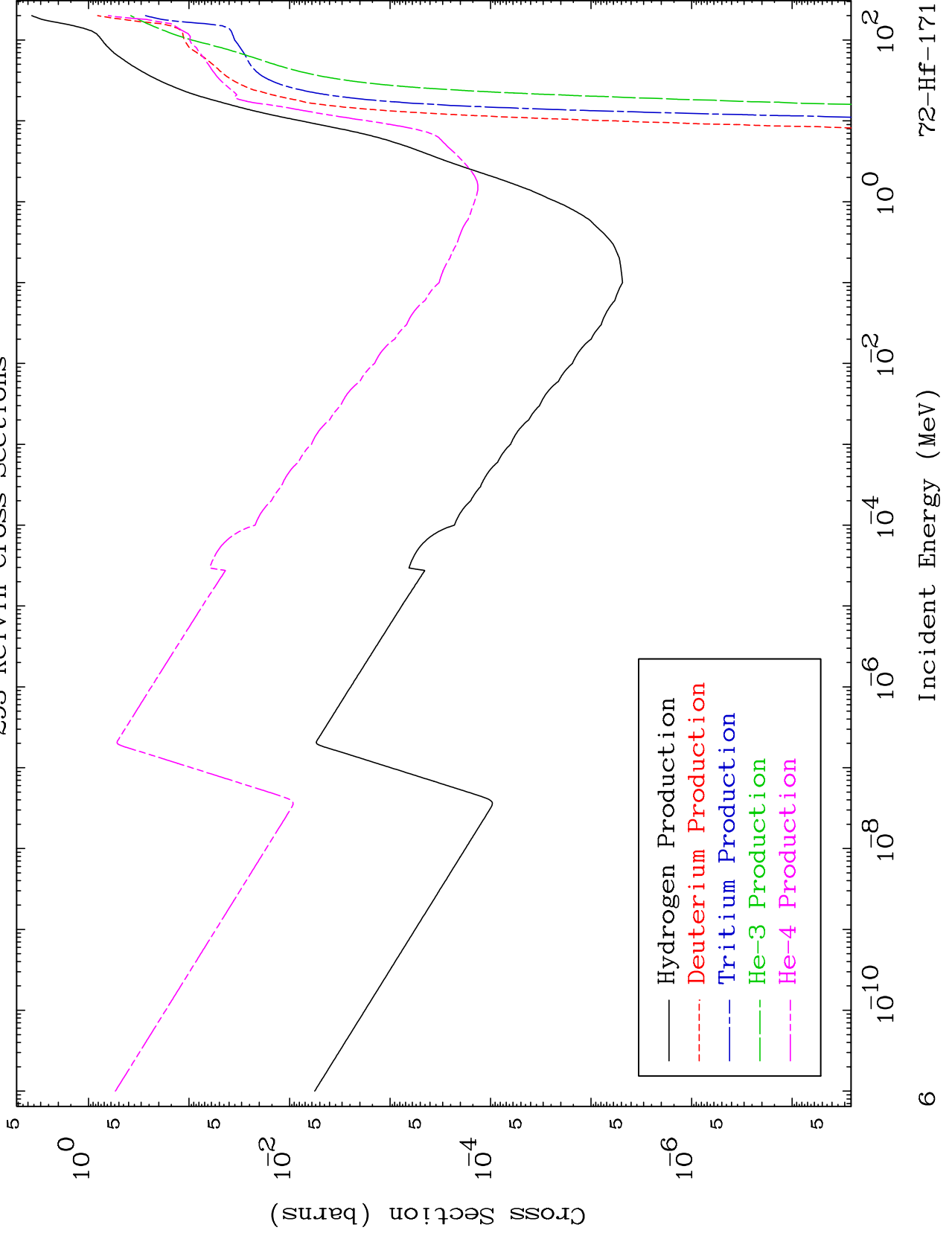
72-Hf-171



MAT 7216

Particle Production  
293 Kelvin Cross Sections

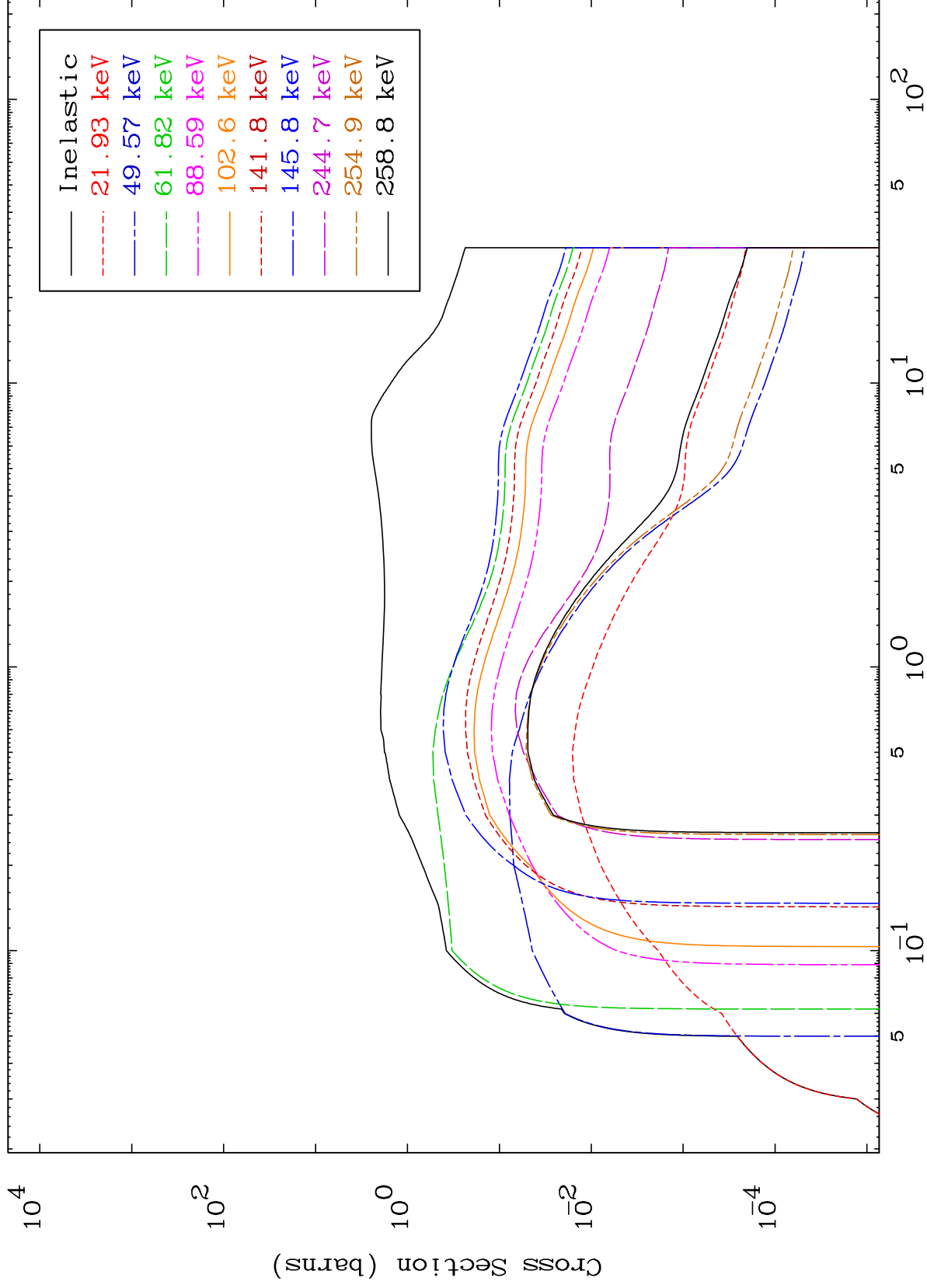
72-Hf-171



MAT 7216

(n,n') Level  
293 Kelvin Cross Sections

72-Hf-171



7

Incident Energy (MeV)

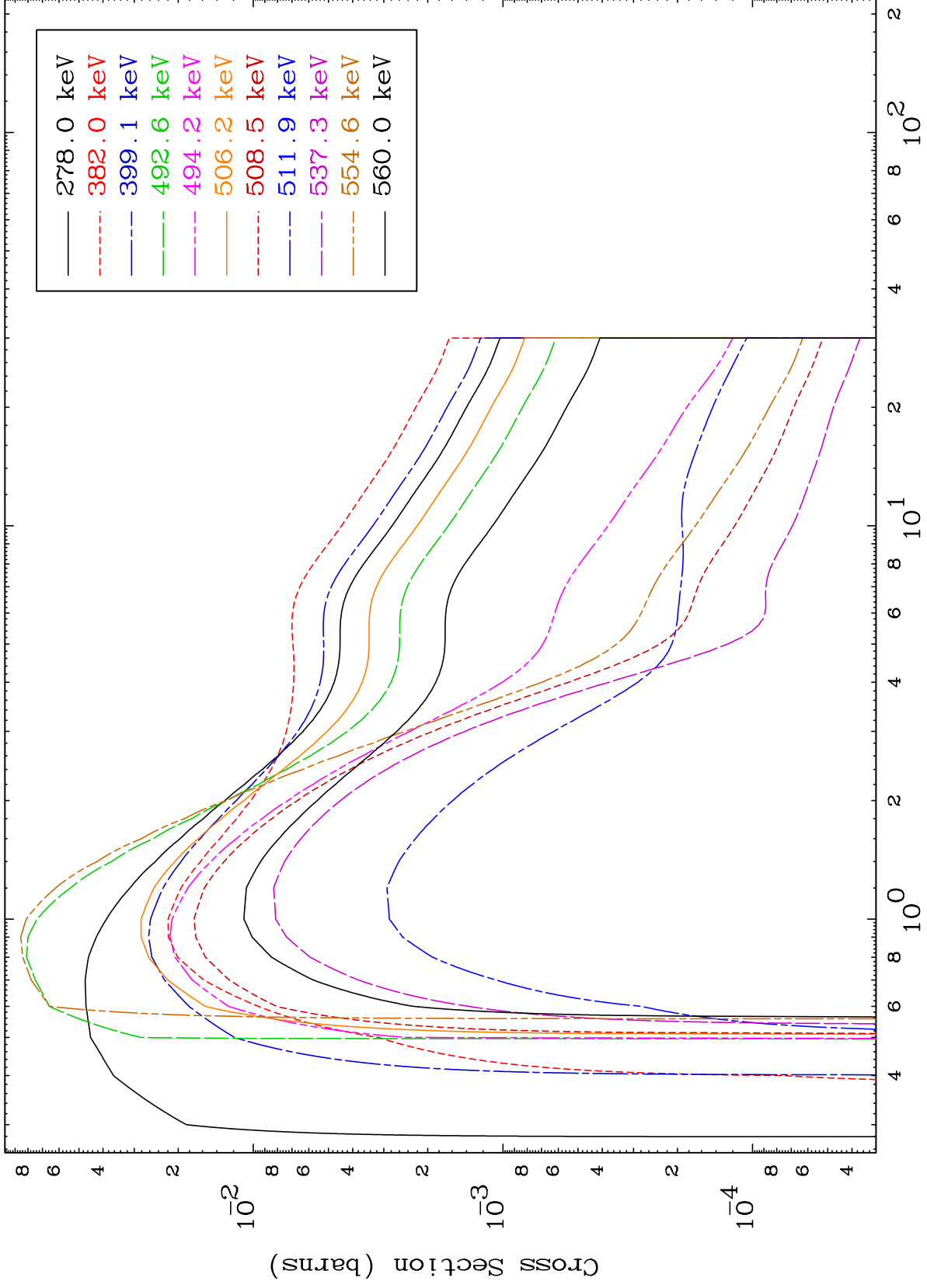
72-Hf-171



MAT 7216

(n,n') Level  
293 Kelvin Cross Sections

72-Hf-171



8

Incident Energy (MeV)

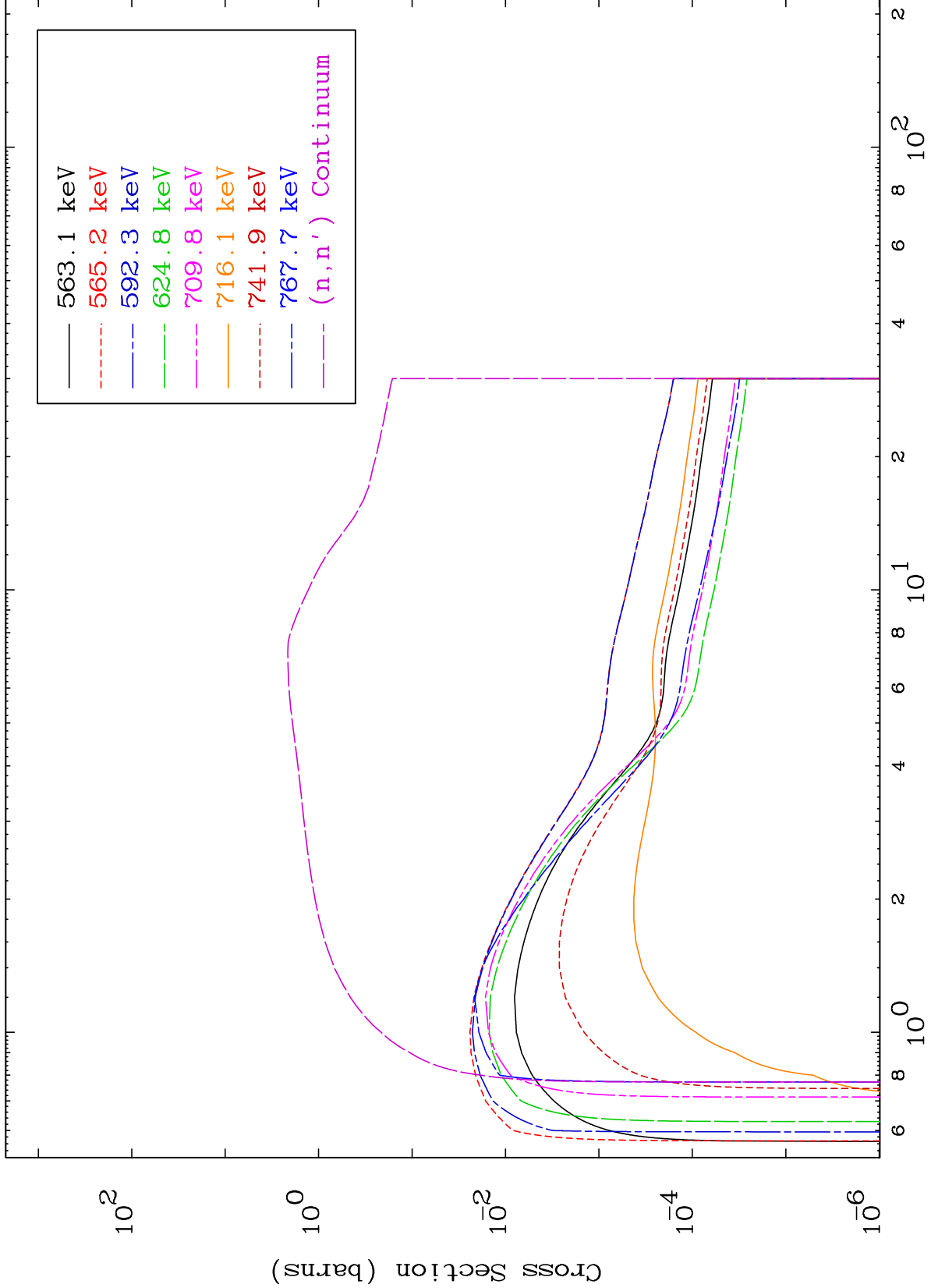
72-Hf-171

MAT 7216

(n,n') Level

72-Hf-171

293 Kelvin Cross Sections



9

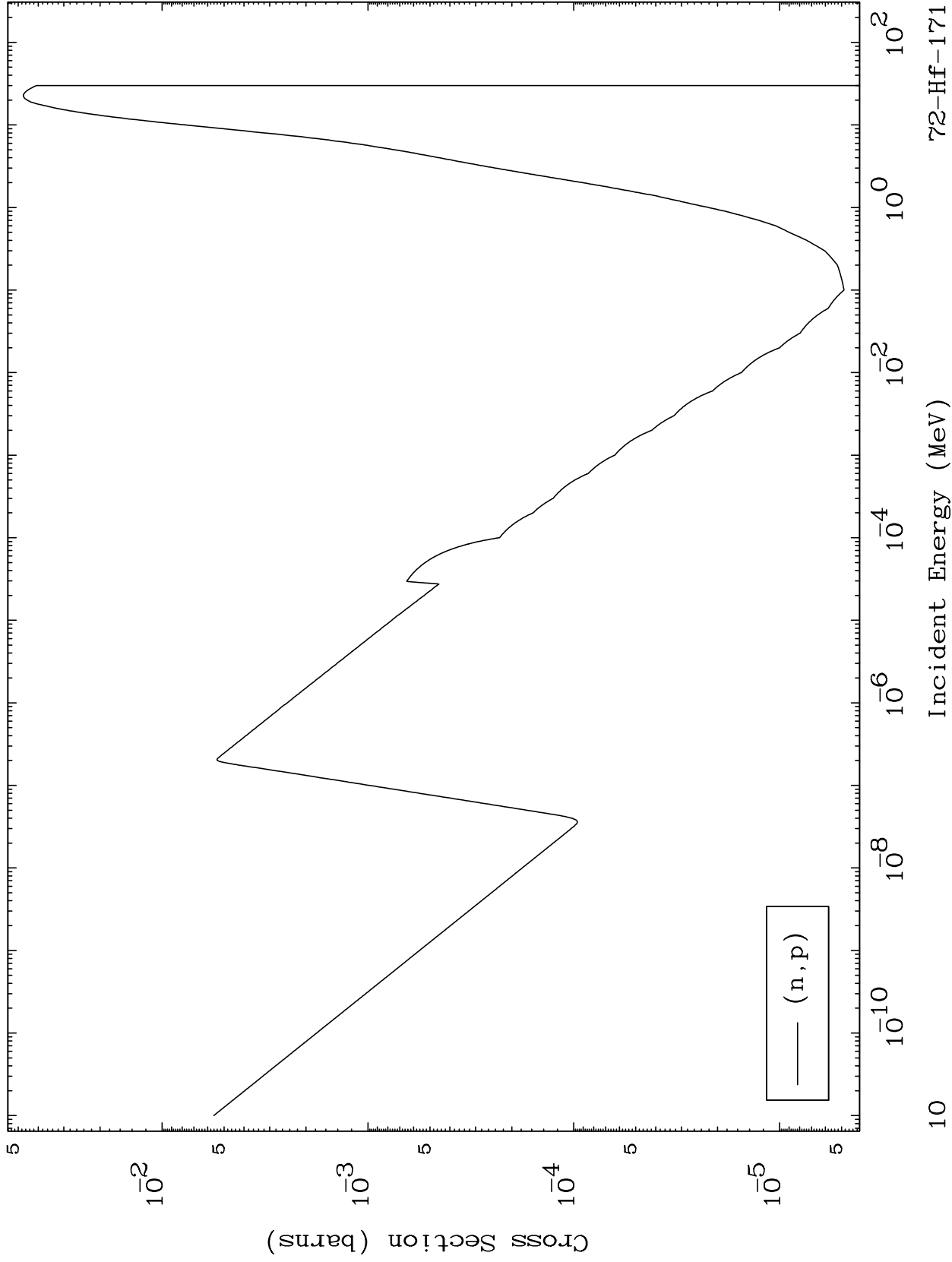
Incident Energy (MeV)

72-Hf-171

MAT 7216

(n,p) Levels  
293 Kelvin Cross Sections

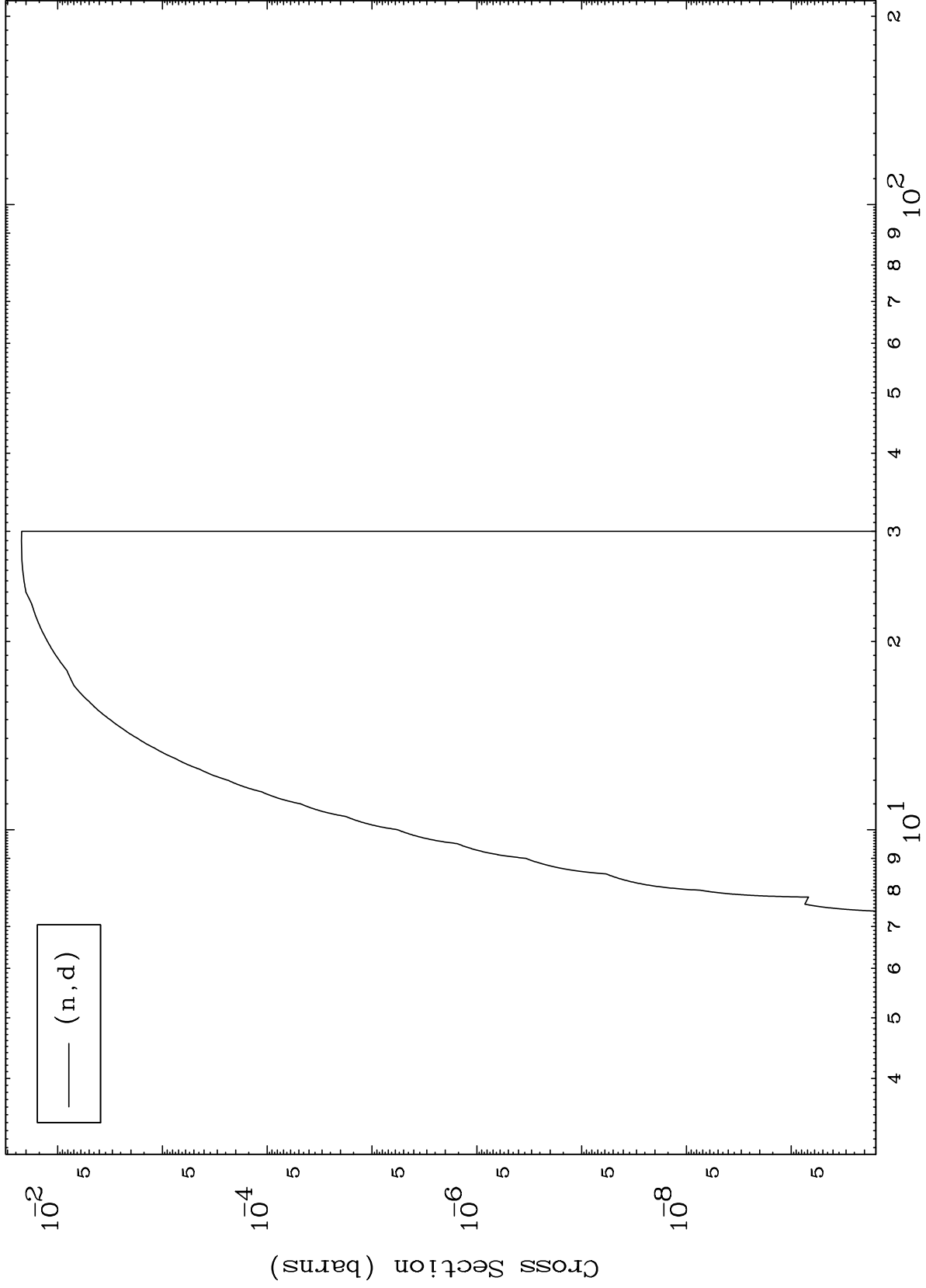
72-Hf-171



MAT 7216

(n,d) Levels  
293 Kelvin Cross Sections

72-Hf-171



11

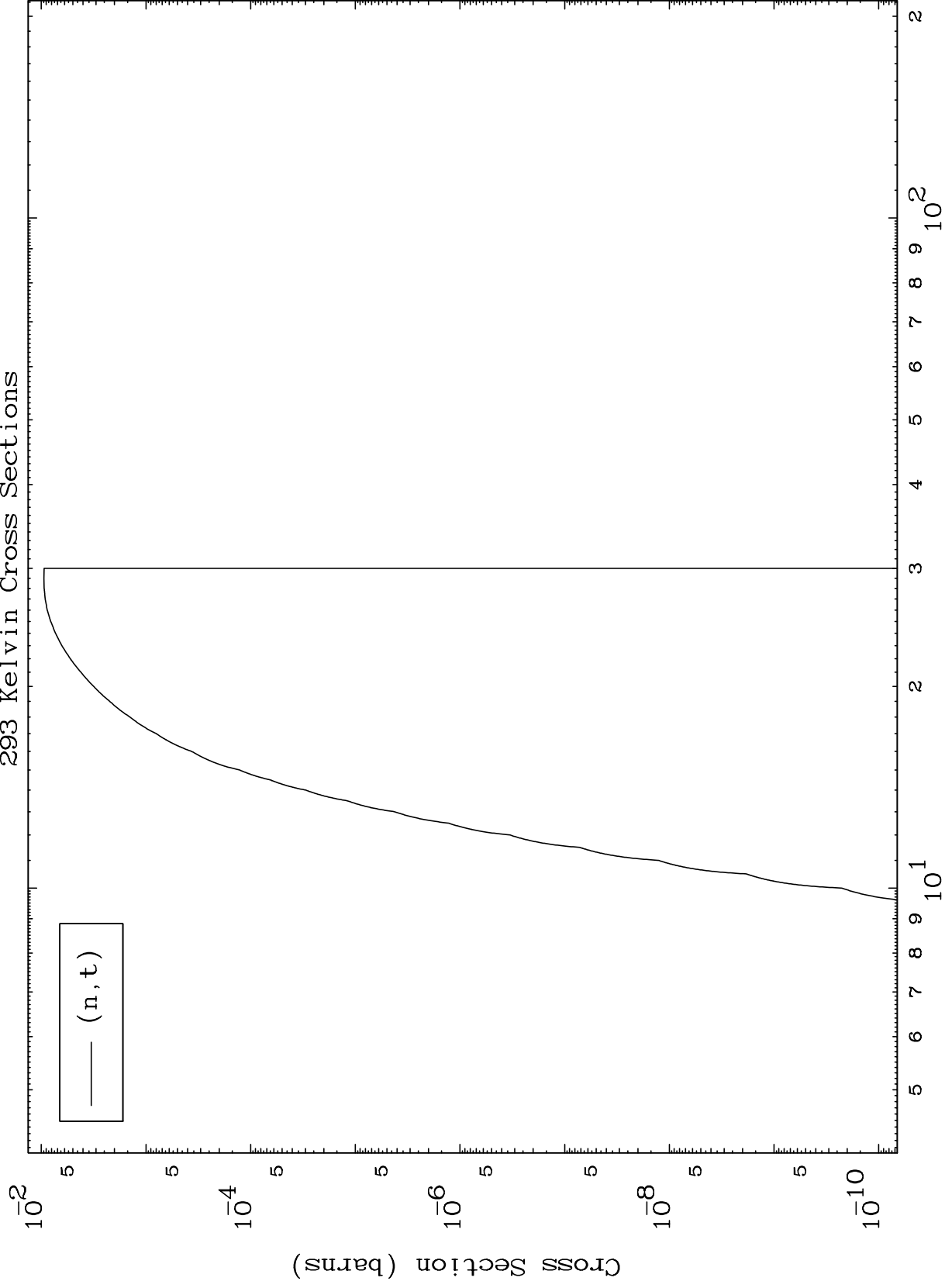
Incident Energy (MeV)

72-Hf-171

MAT 7216

(n,t) Levels  
293 Kelvin Cross Sections

72-Hf-171



12

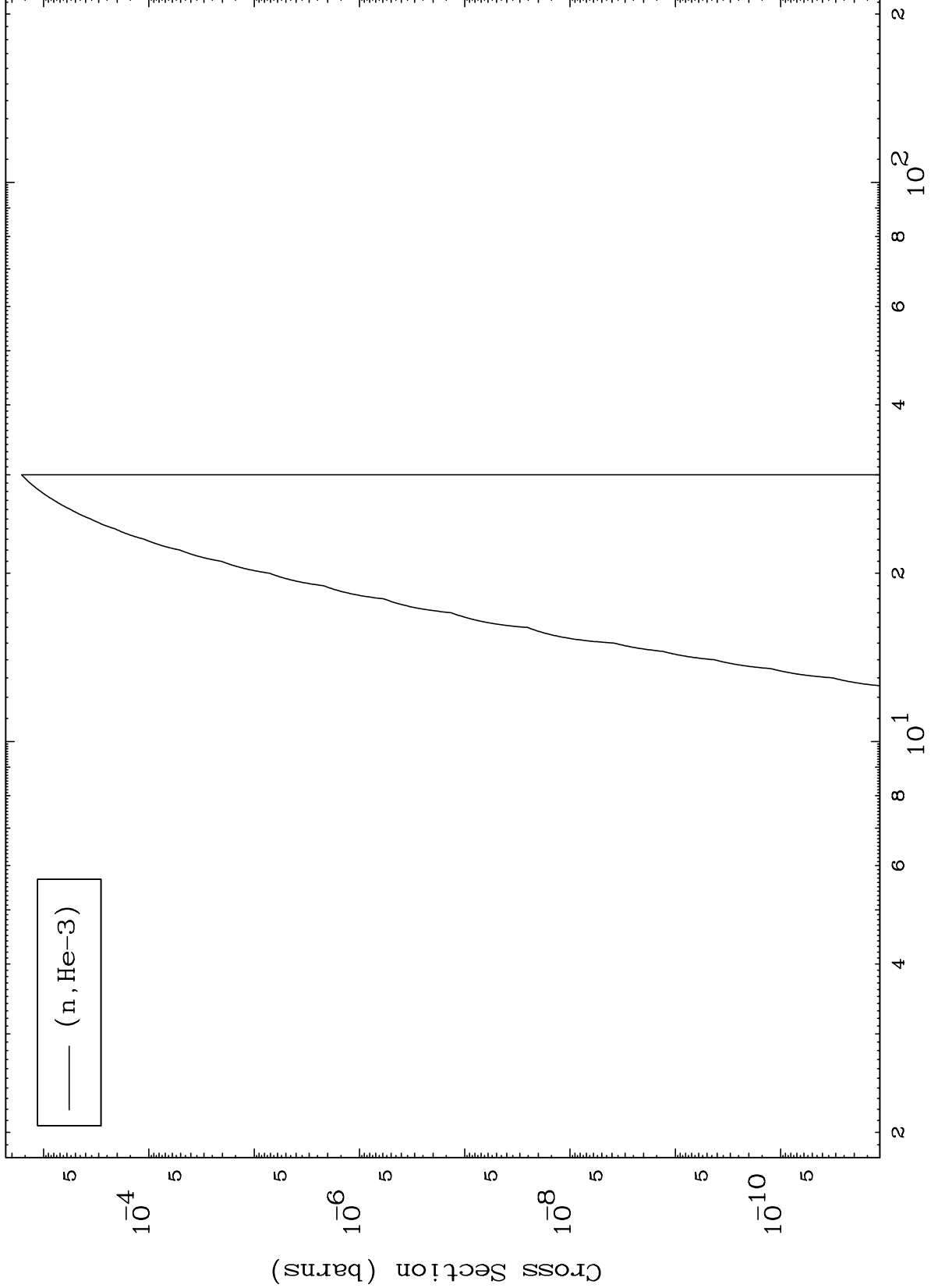
Incident Energy (MeV)

72-Hf-171

MAT 7216

(n,He3) Levels  
293 Kelvin Cross Sections

72-Hf-171



13

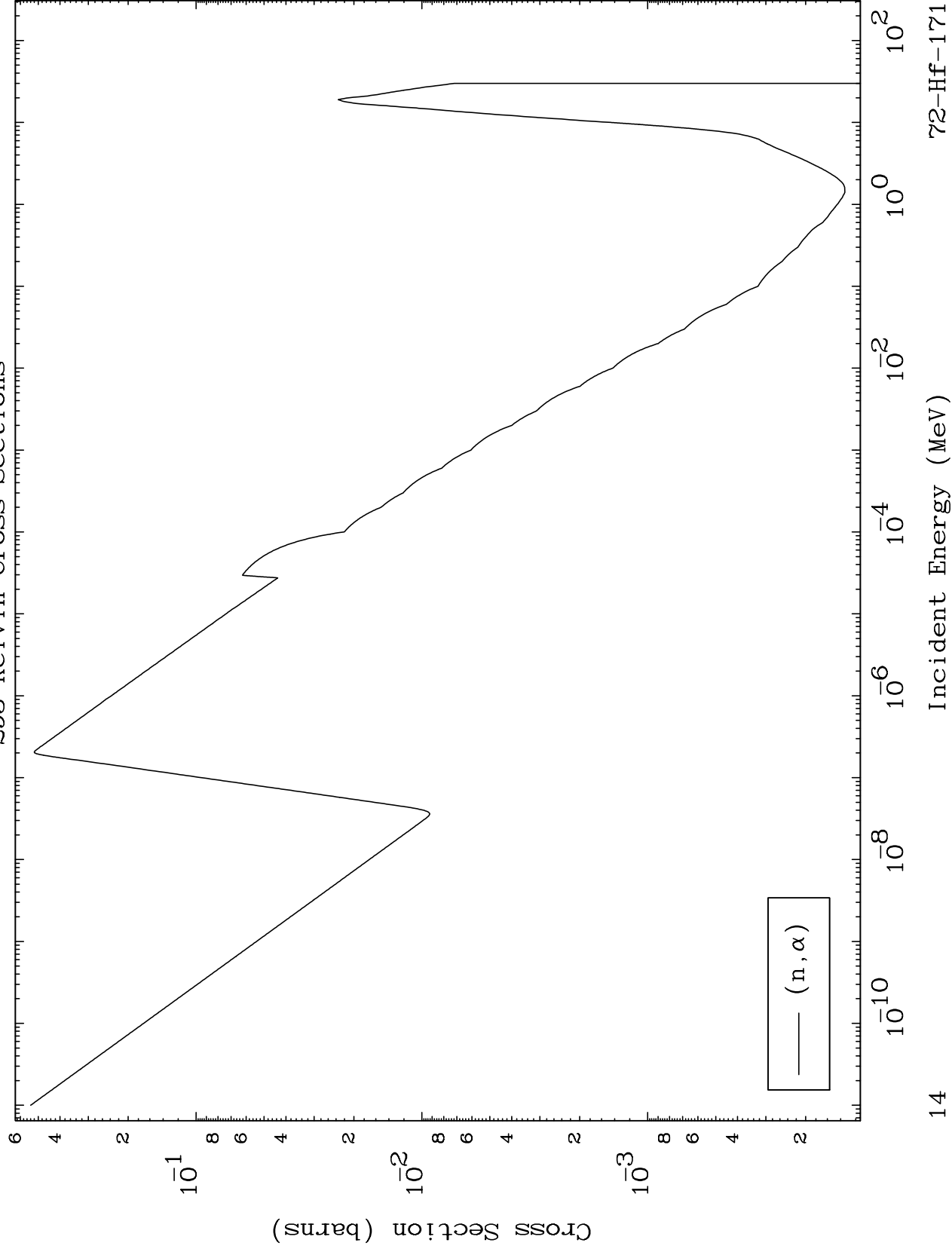
Incident Energy (MeV)

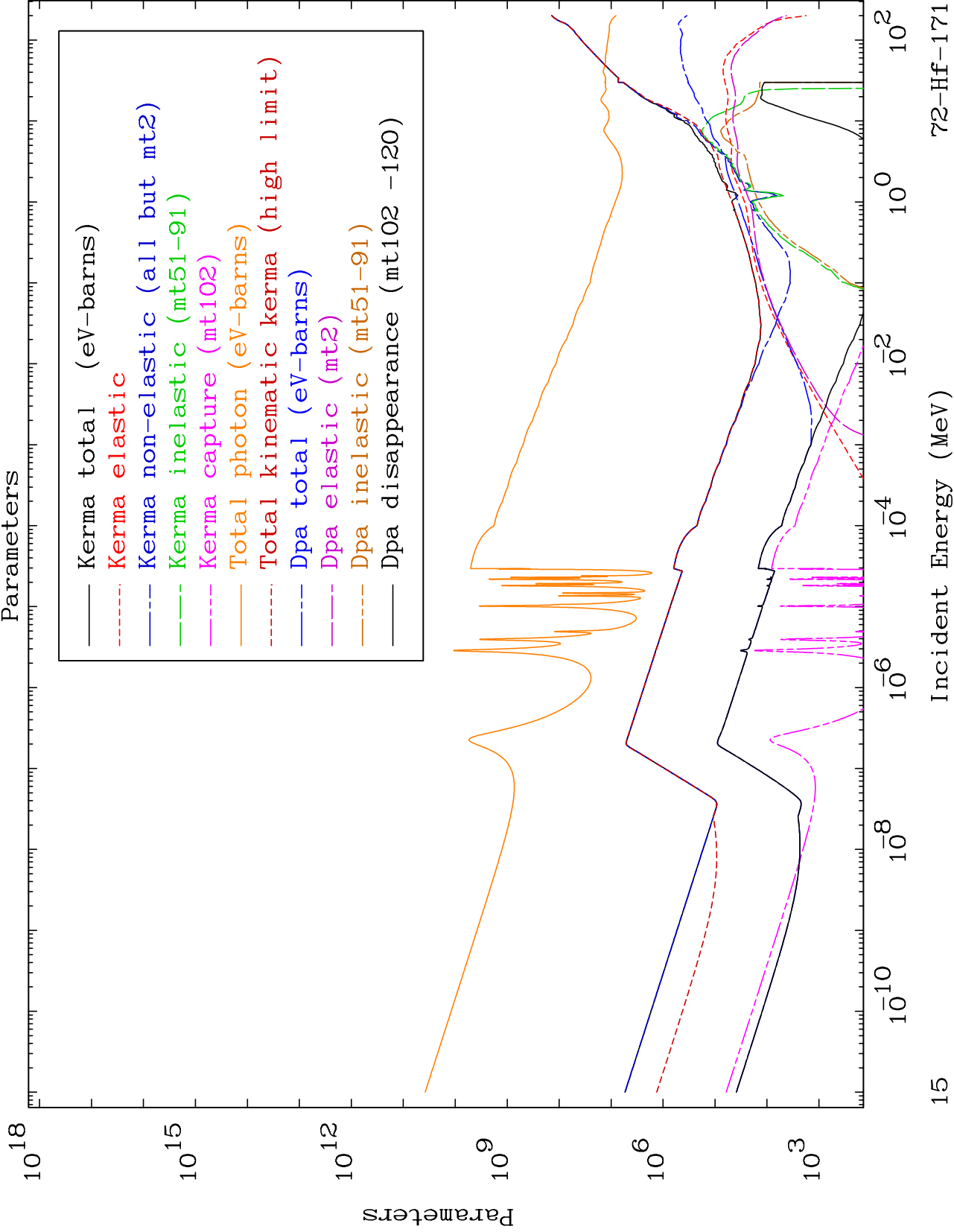
72-Hf-171

MAT 7216

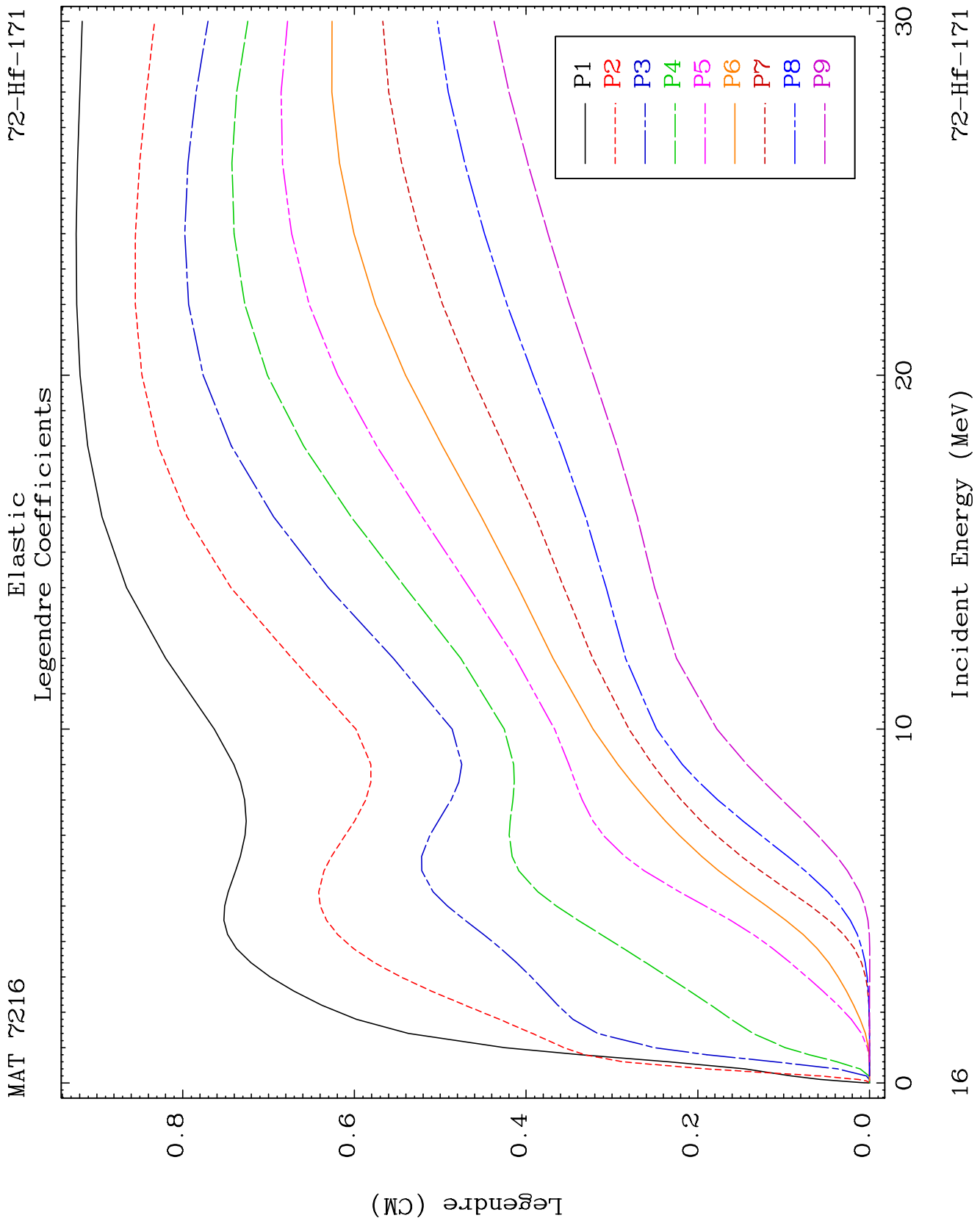
(n,α) Levels  
293 Kelvin Cross Sections

72-Hf-171





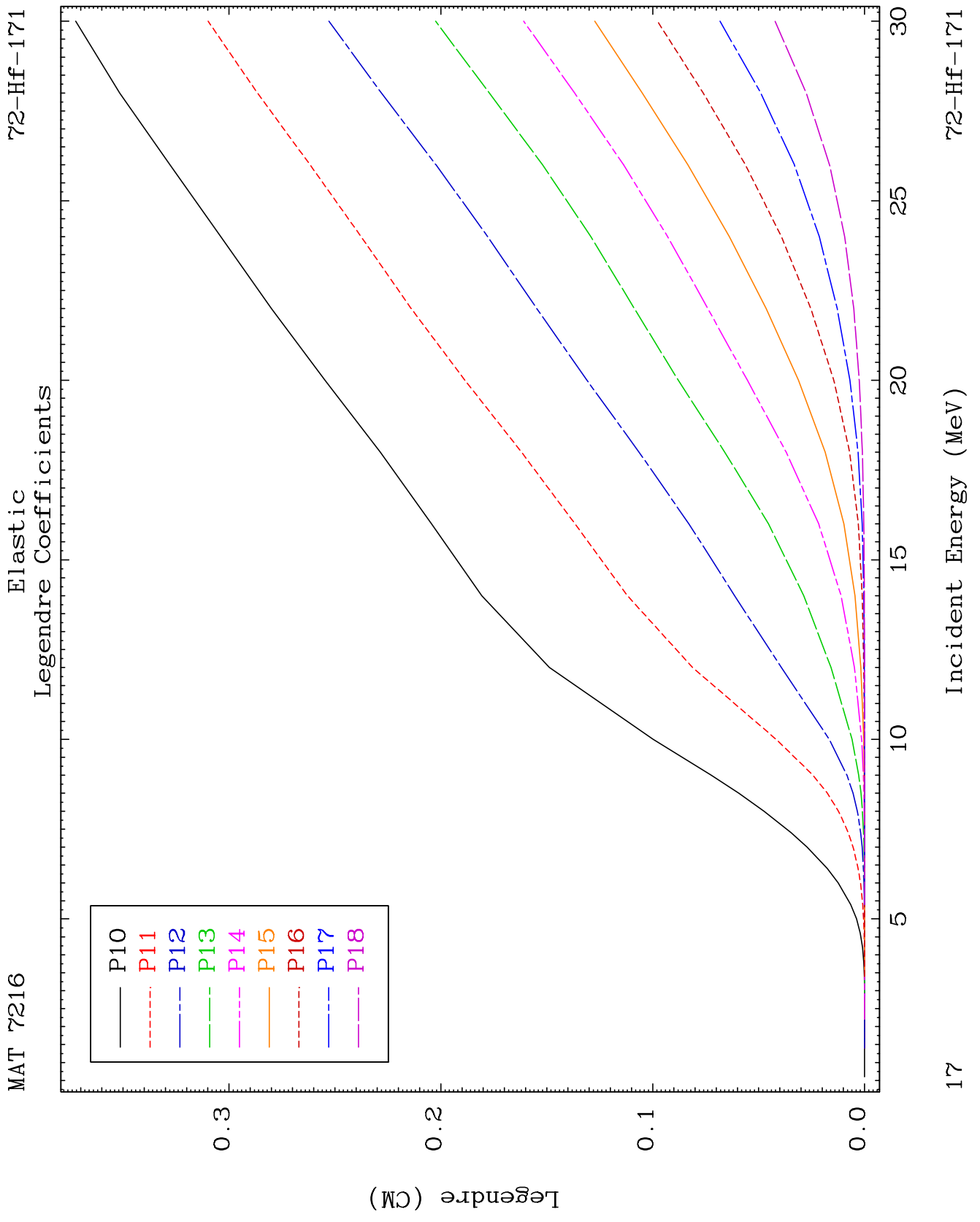




72-Hf-171

Incident Energy (MeV)

16



MAT 7216

Elastic Legendre Coefficients

72-Hf-171

17

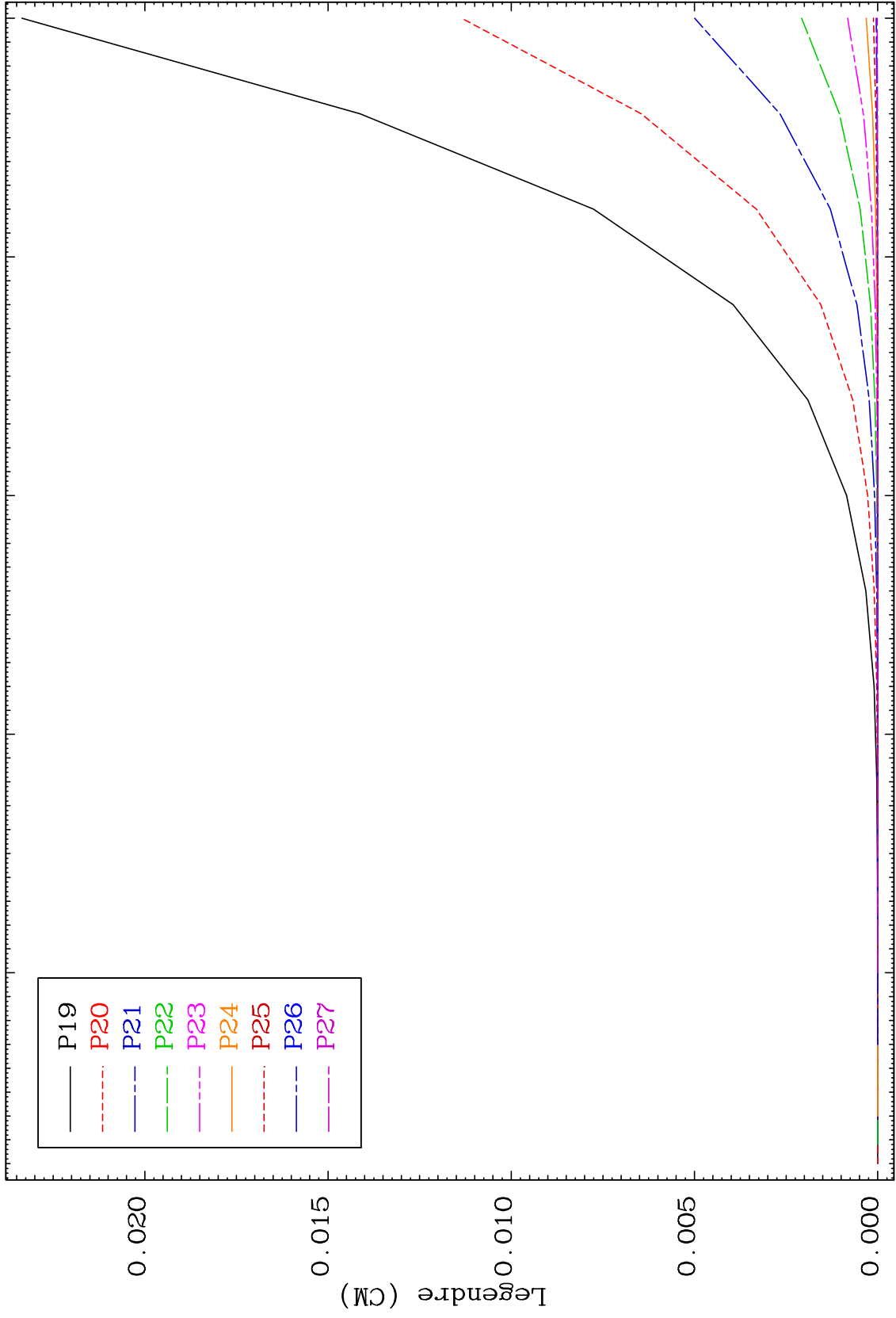
Incident Energy (MeV)

72-Hf-171

MAT 7216

Elastic Legendre Coefficients

72-Hf-171



18

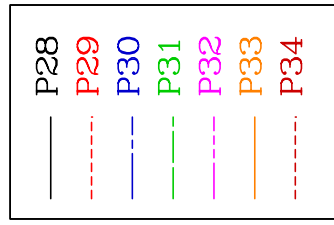
Incident Energy (MeV)

72-Hf-171

MAT 7216

Elastic  
Legendre Coefficients

72-Hf-171

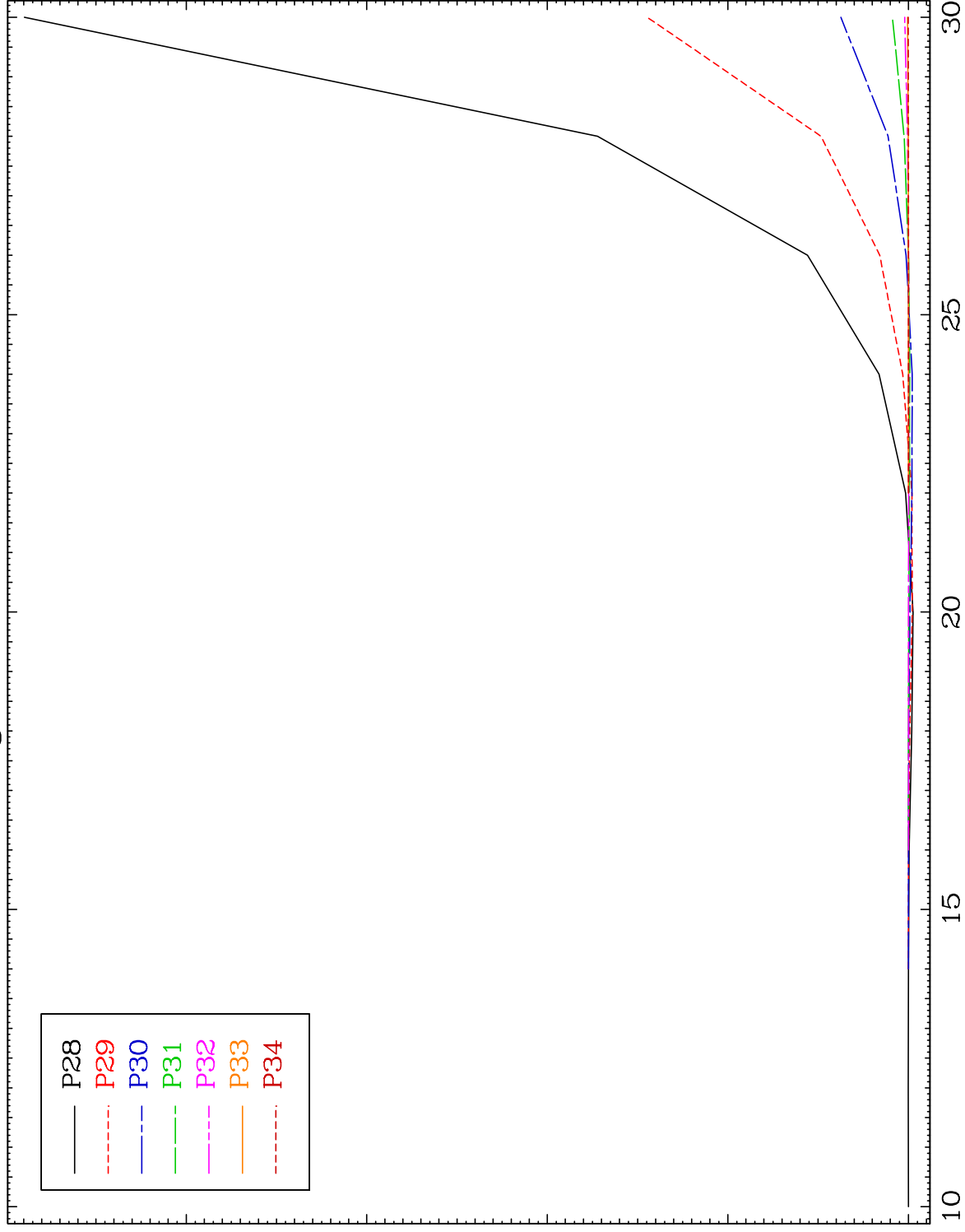


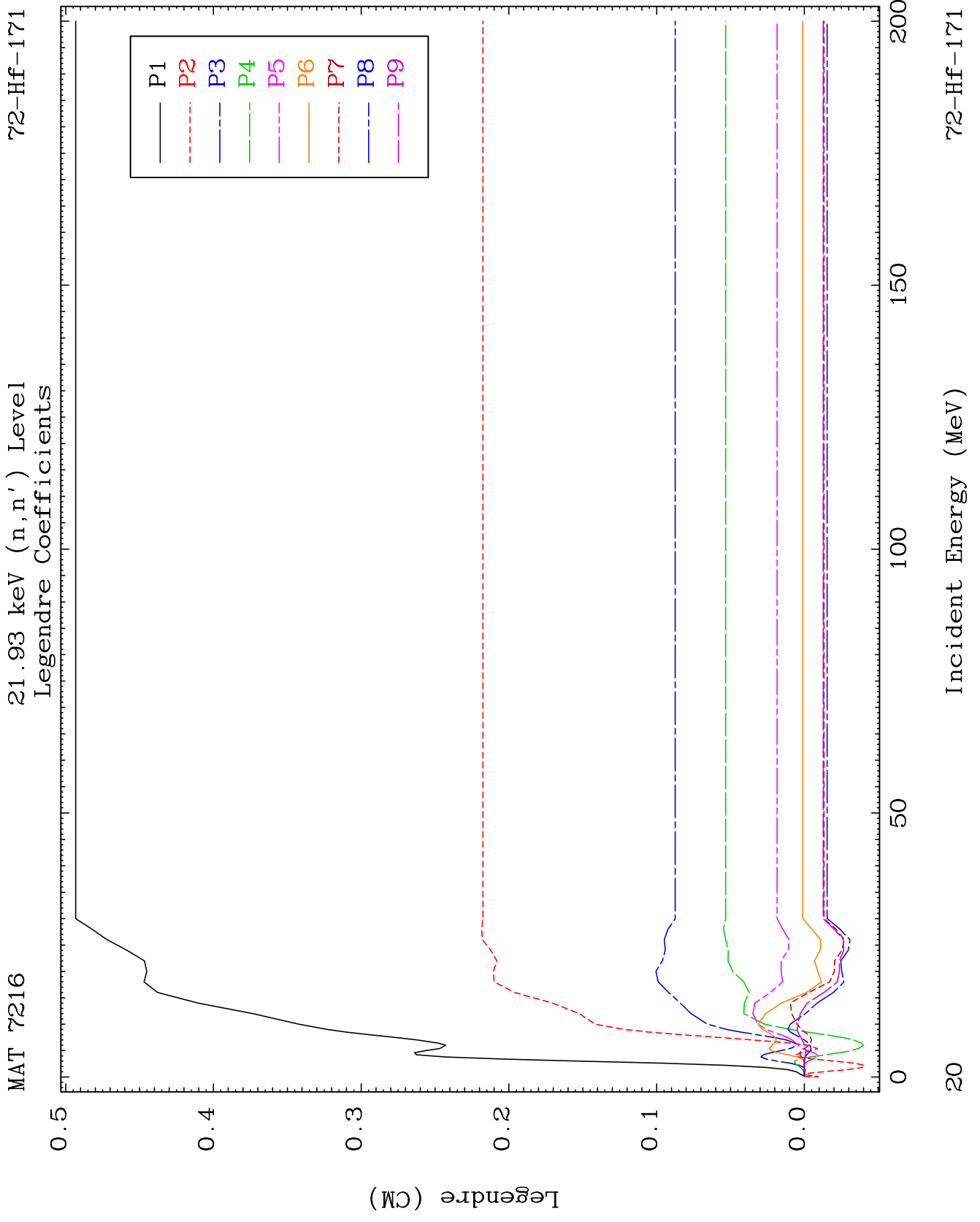
$\times 10^{-6}$

Legendre (CM)

Incident Energy (MeV)

72-Hf-171

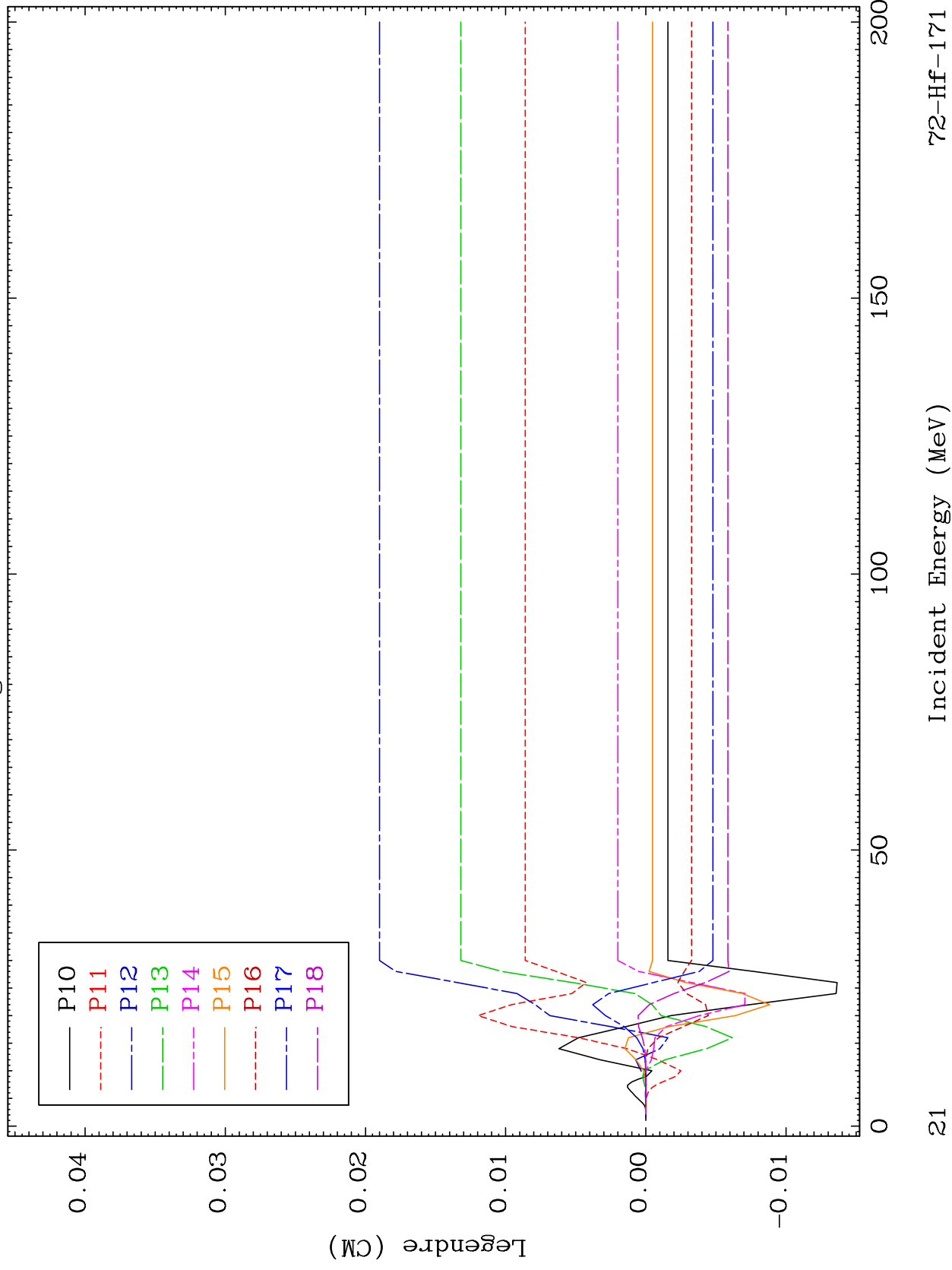




MAT 7216

21.93 keV (n,n') Level  
Legendre Coefficients

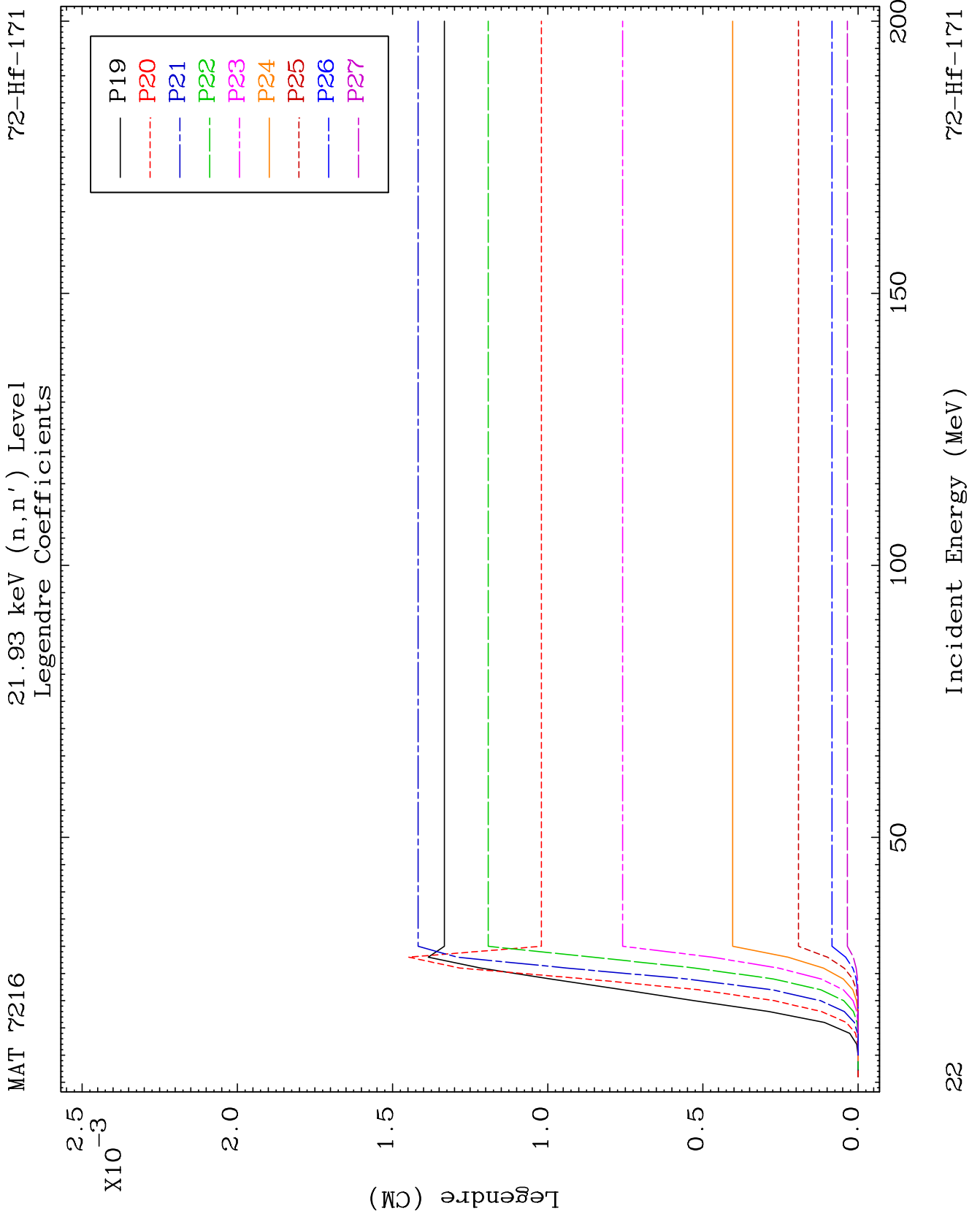
72-Hf-171

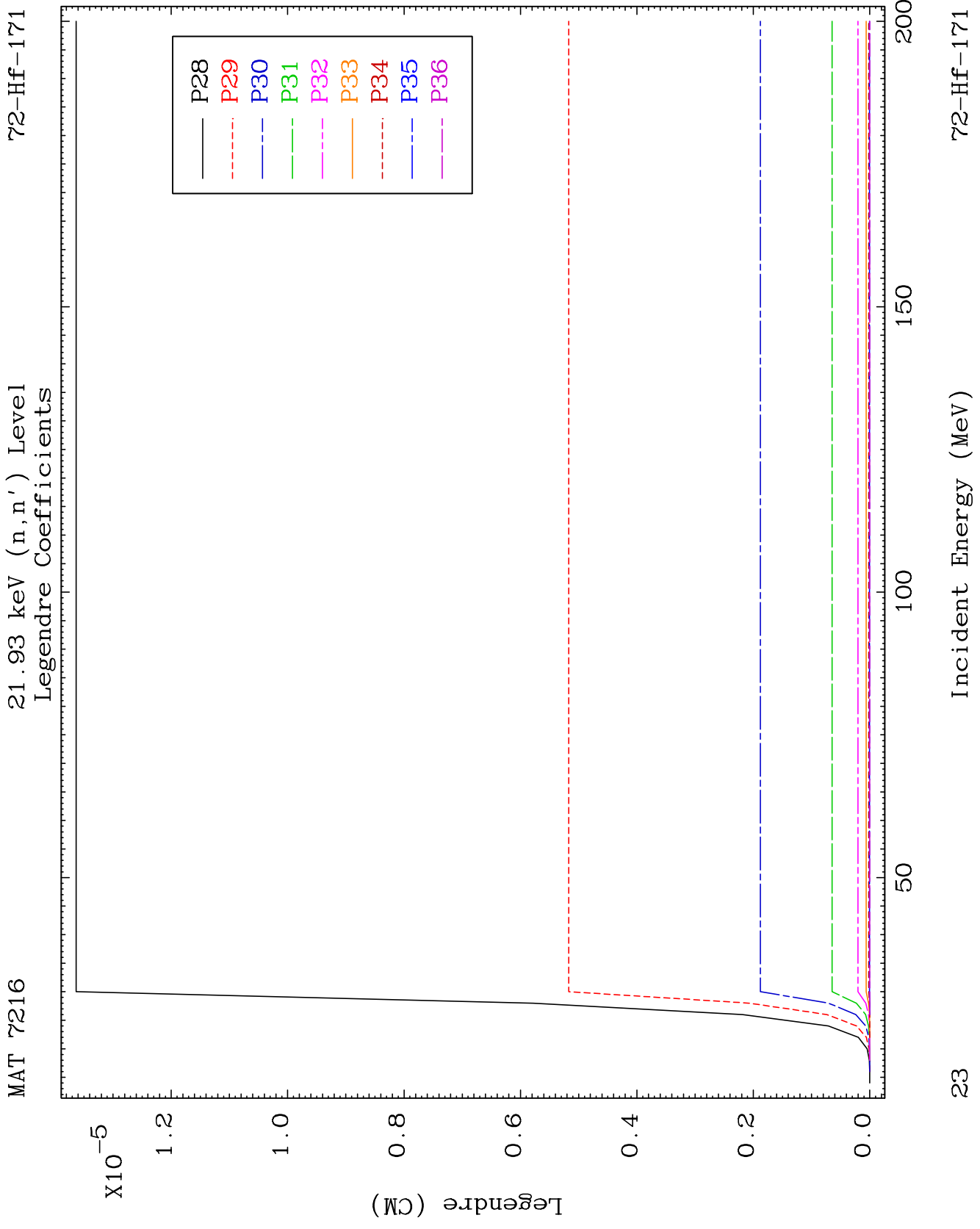


21

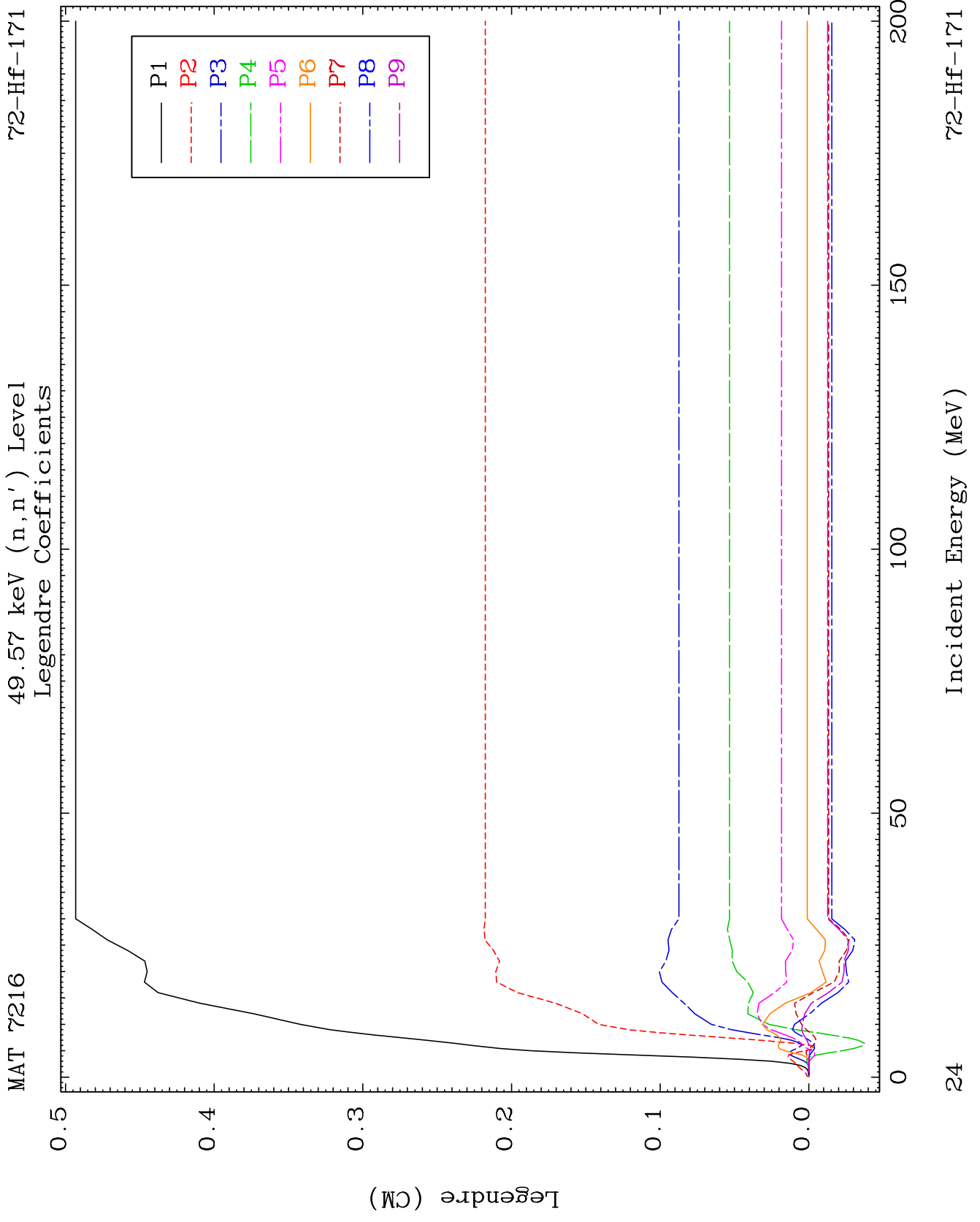
Incident Energy (MeV)

72-Hf-171





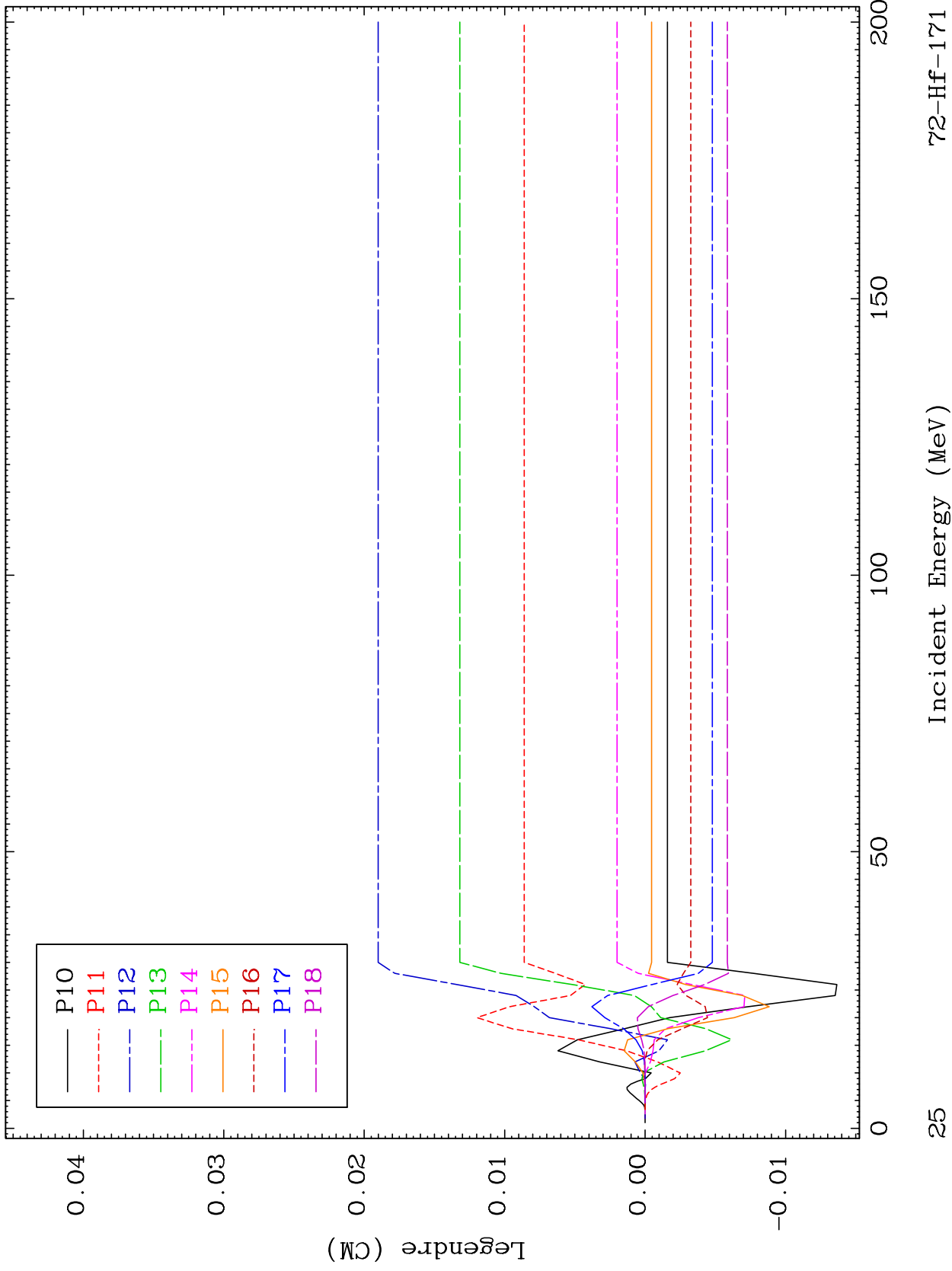




MAT 7216

49.57 keV (n,n') Level  
Legendre Coefficients

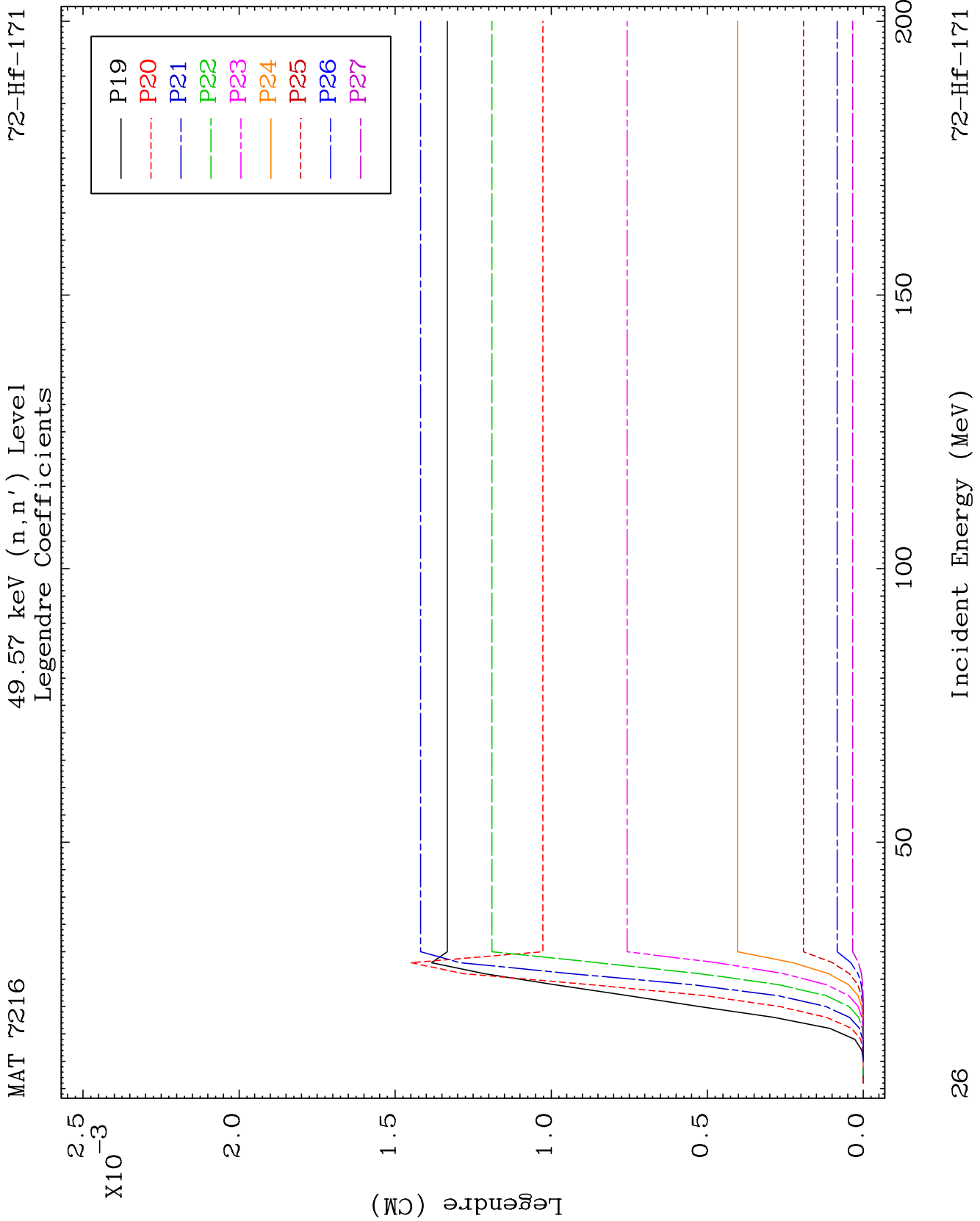
72-Hf-171



72-Hf-171

Incident Energy (MeV)

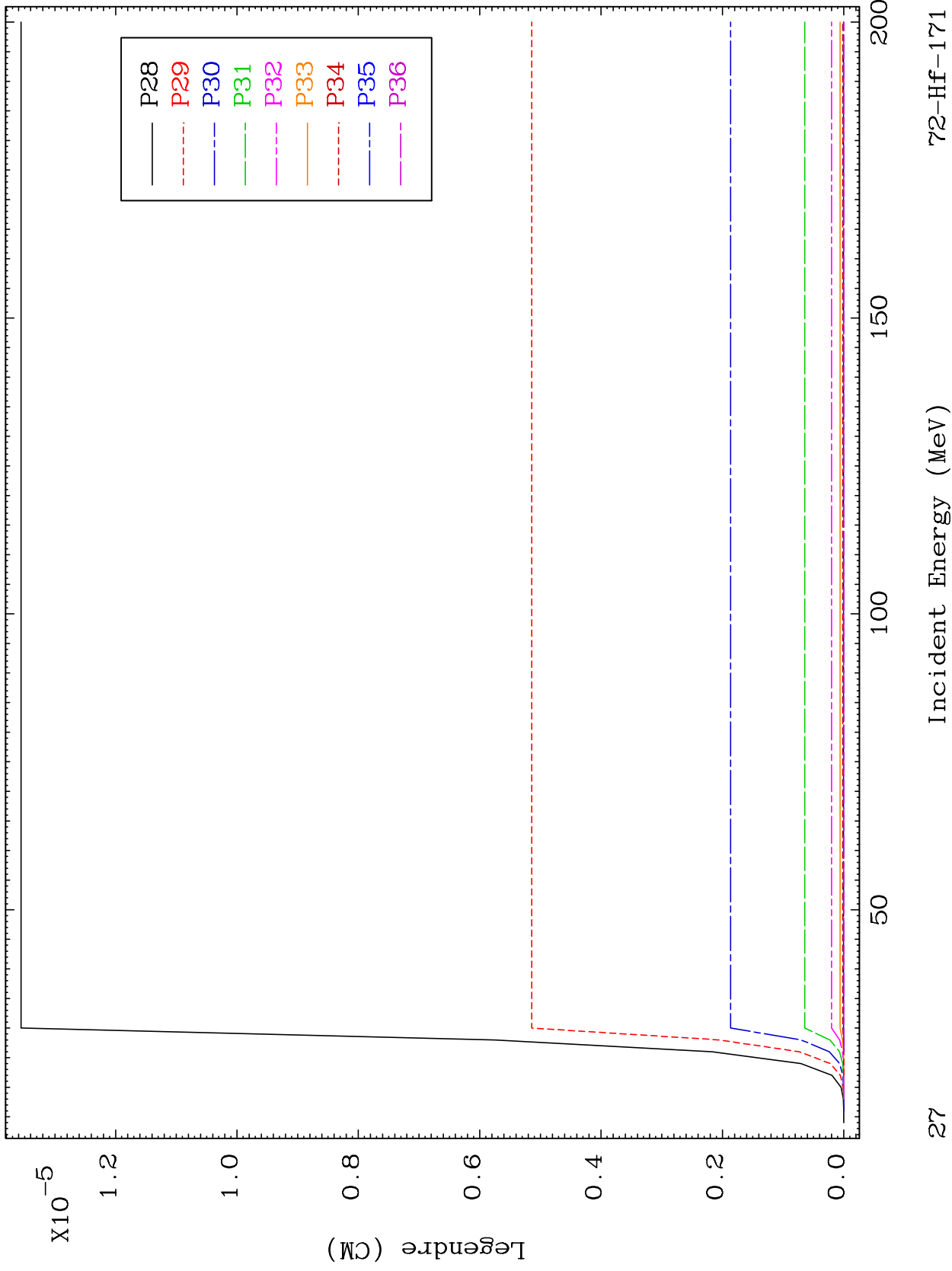
25



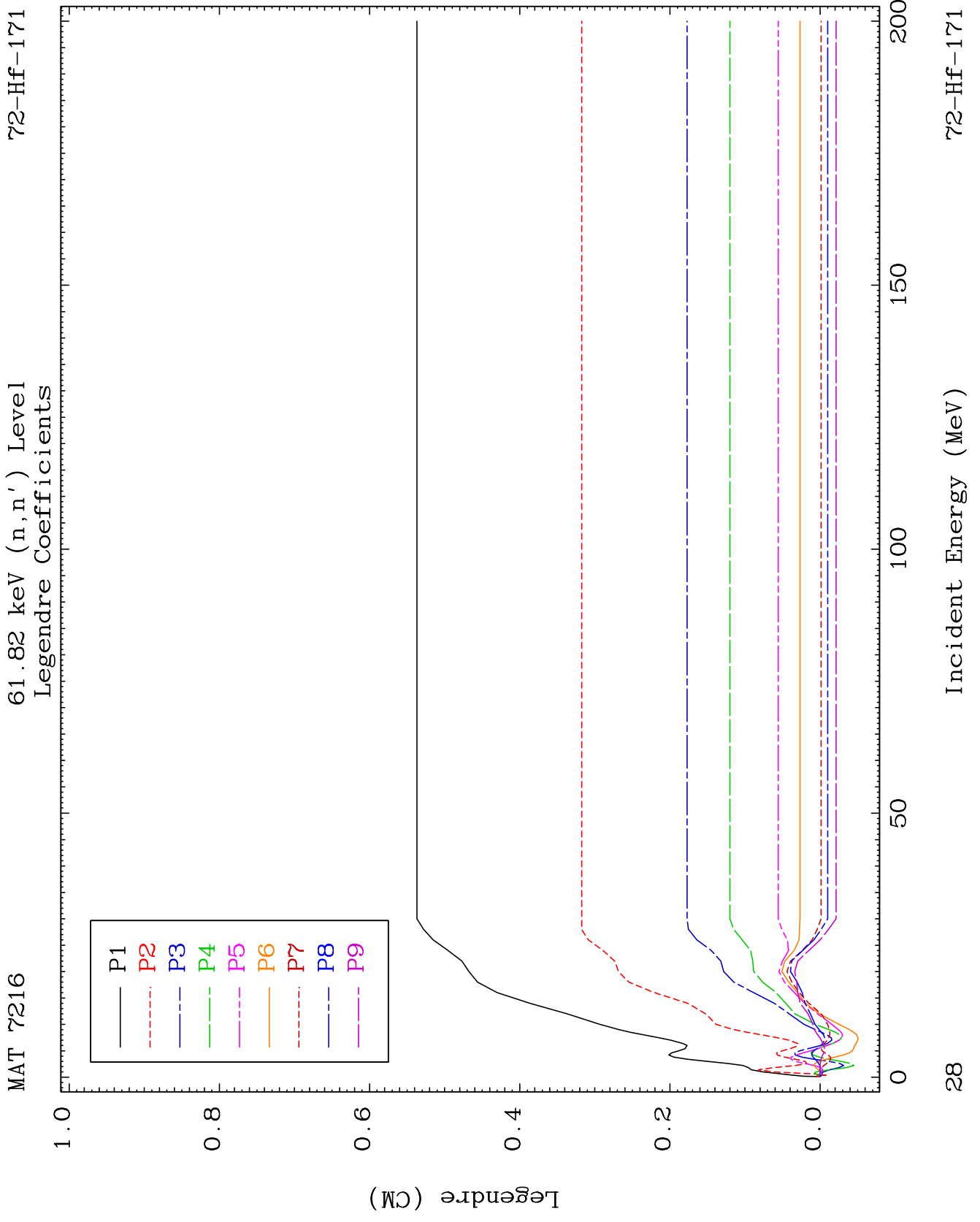
MAT 7216

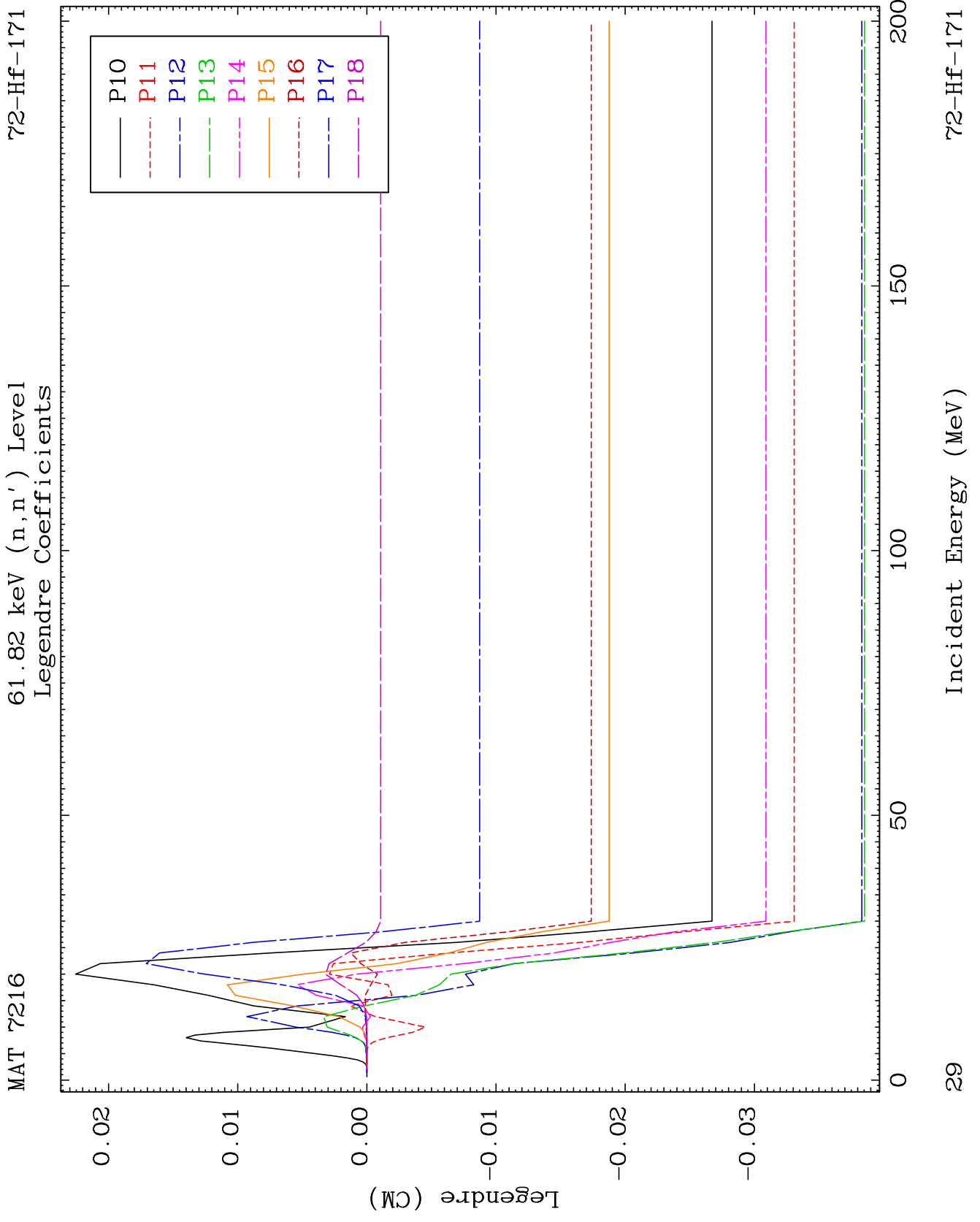
49.57 keV (n,n') Level  
Legendre Coefficients

72-Hf-171



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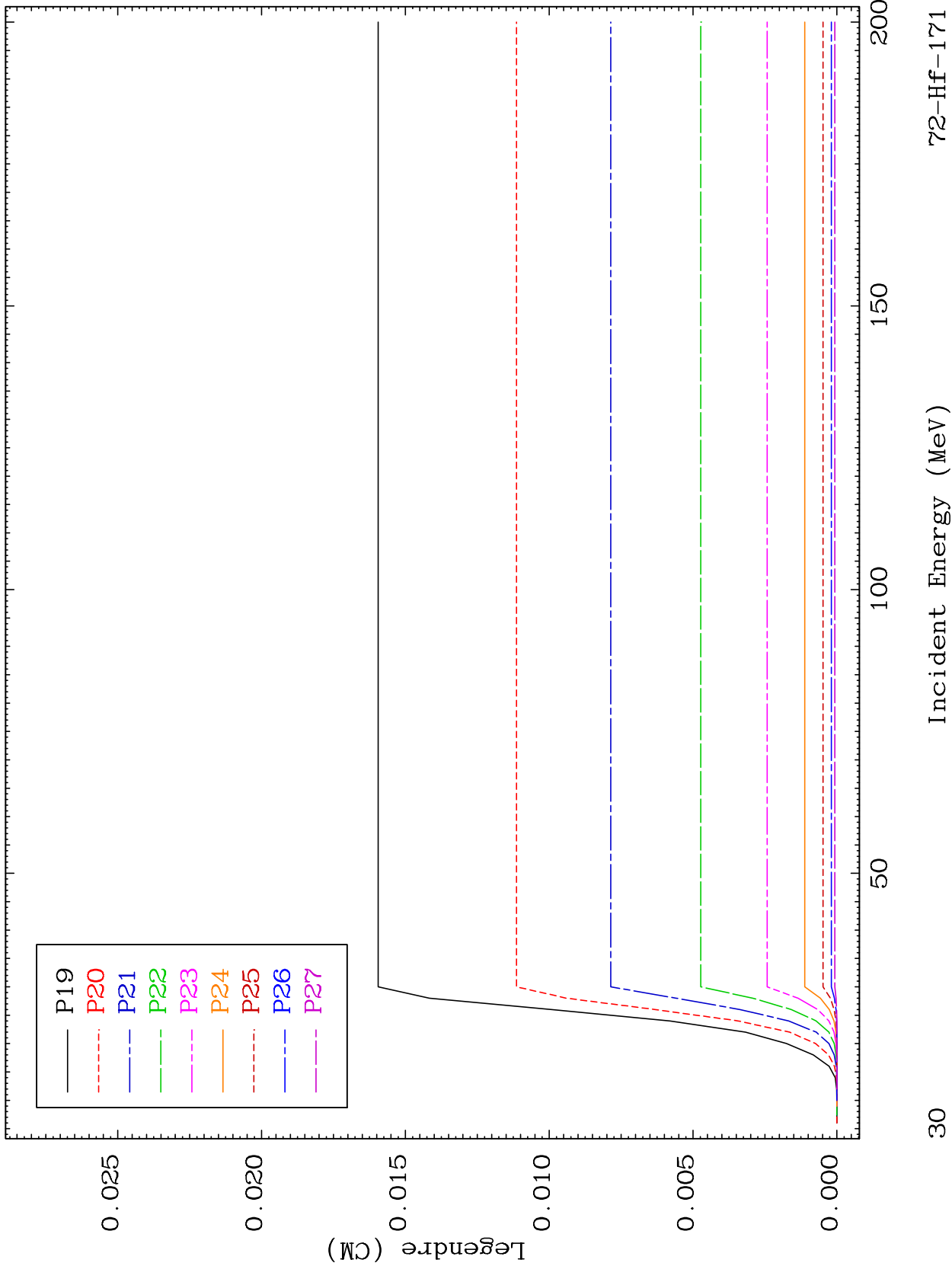




MAT 7216

61.82 keV (n,n') Level  
Legendre Coefficients

72-Hf-171



30

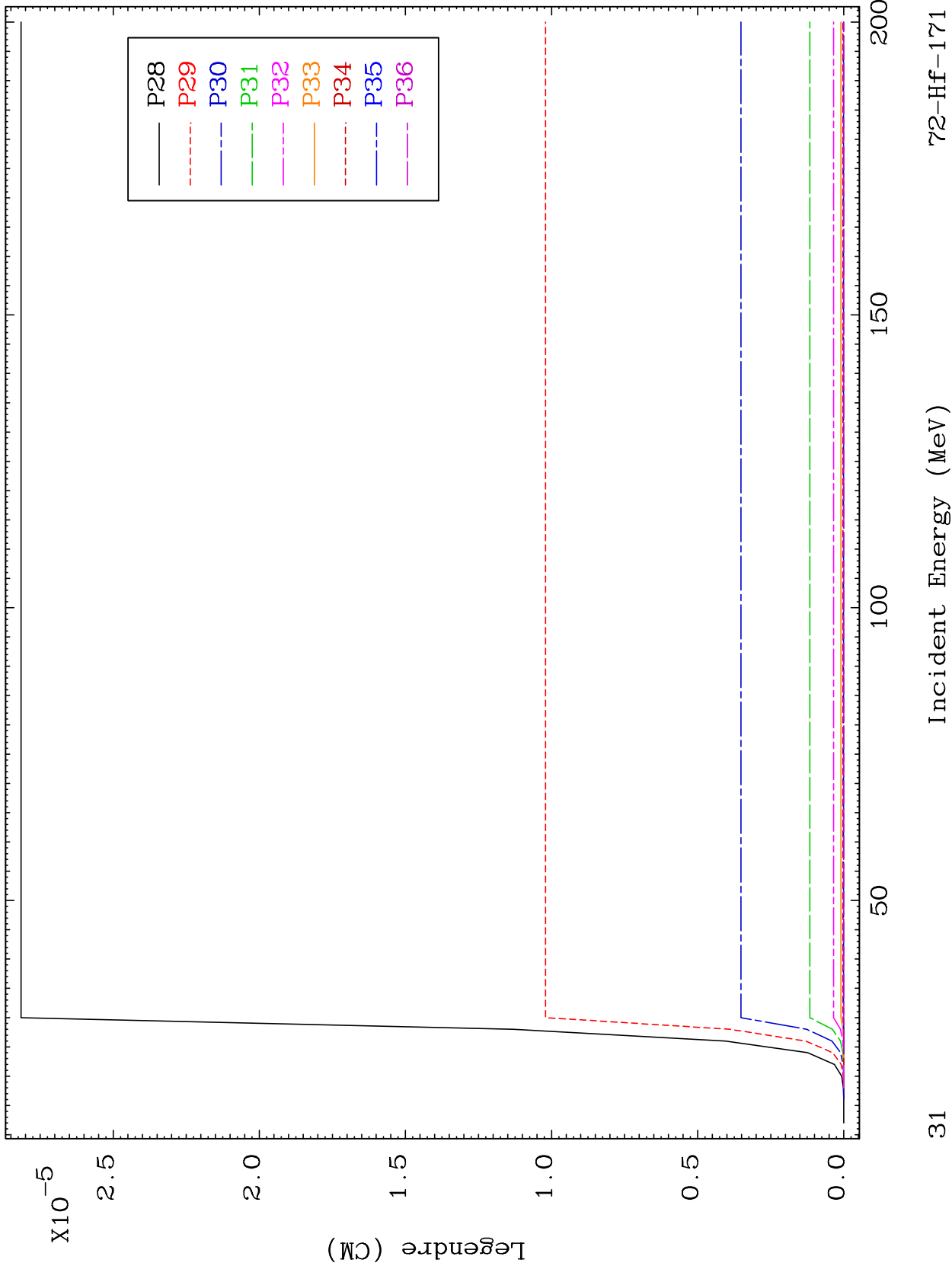
Incident Energy (MeV)

72-Hf-171

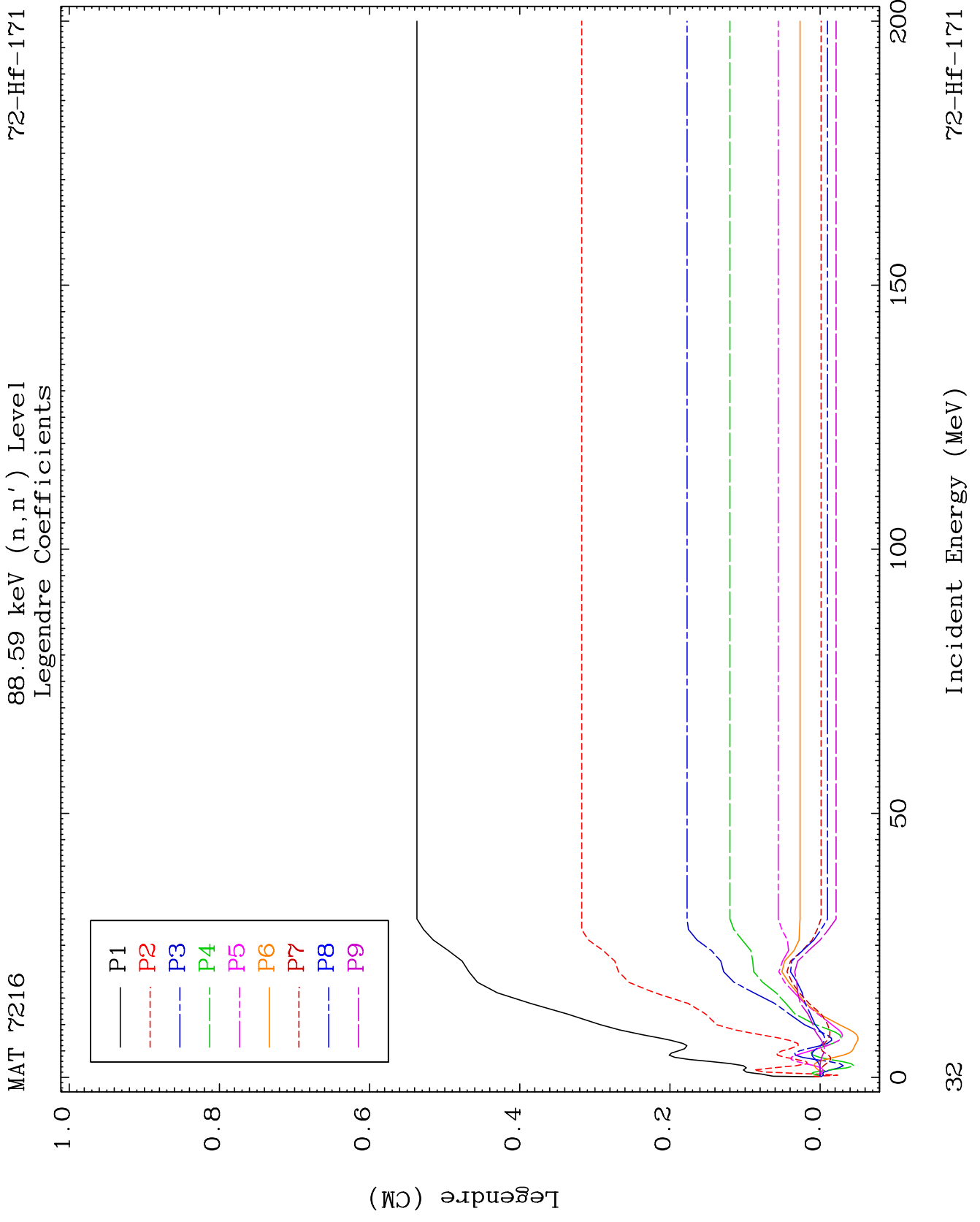
MAT 7216

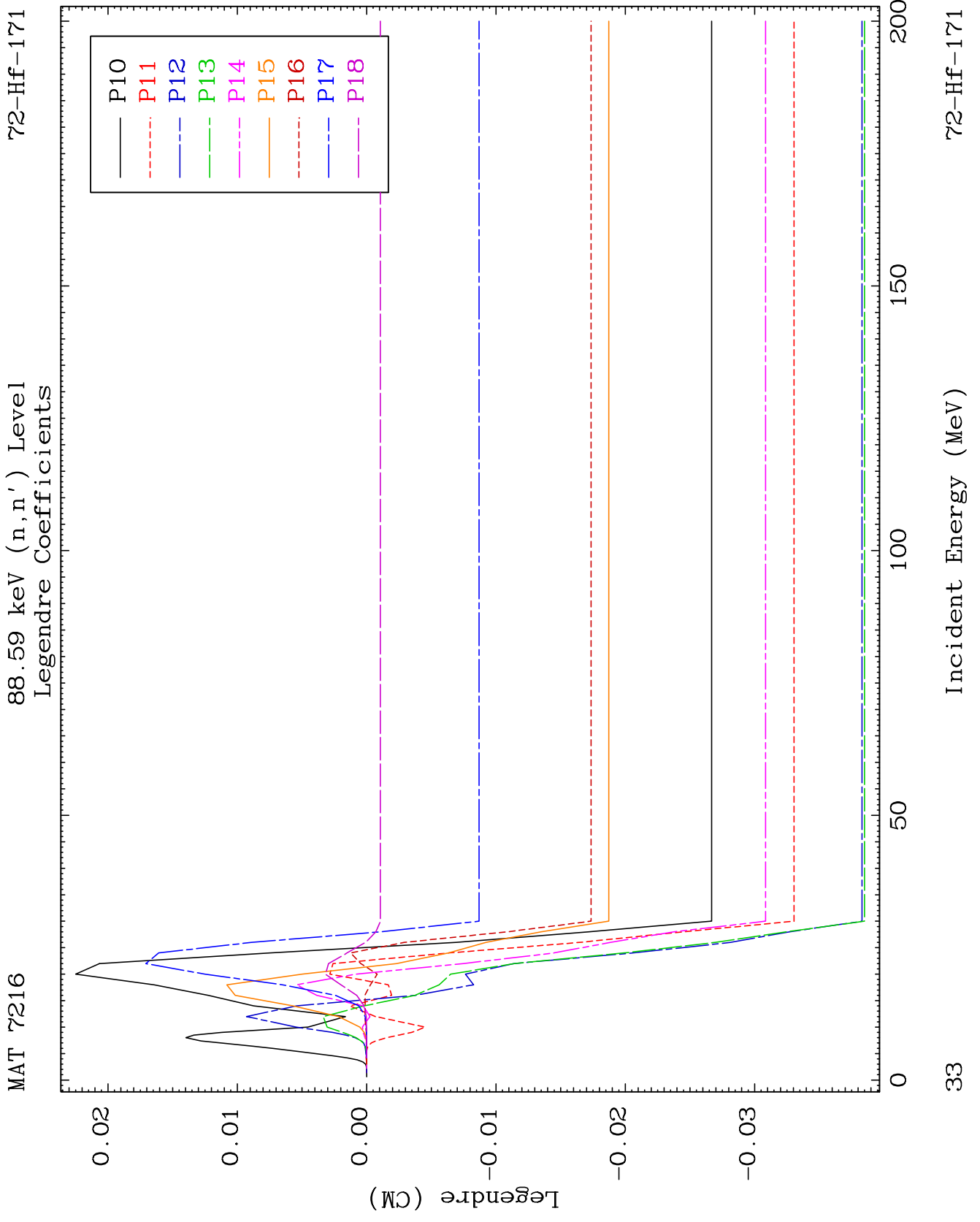
61.82 keV (n,n') Level  
Legendre Coefficients

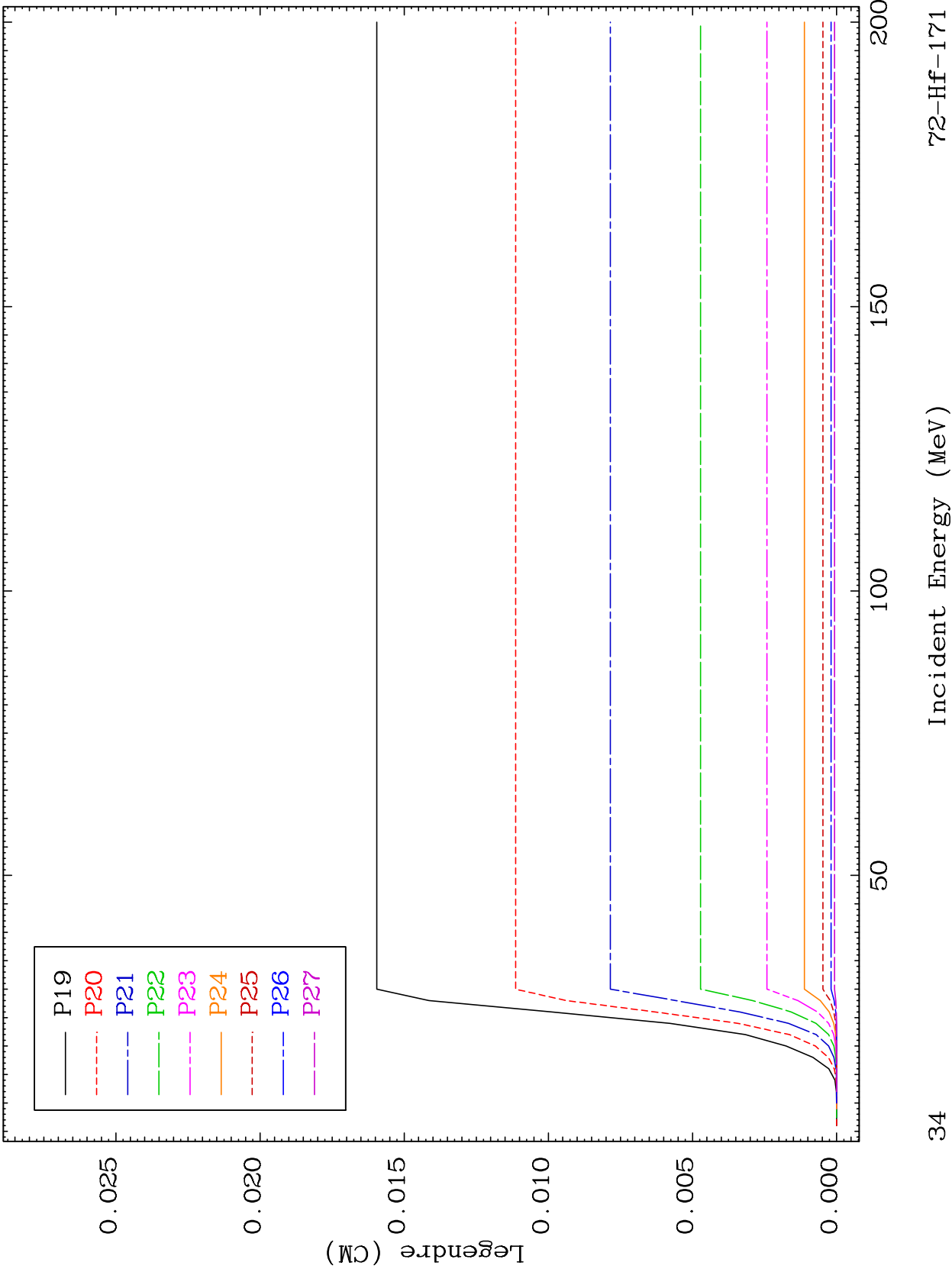
72-Hf-171

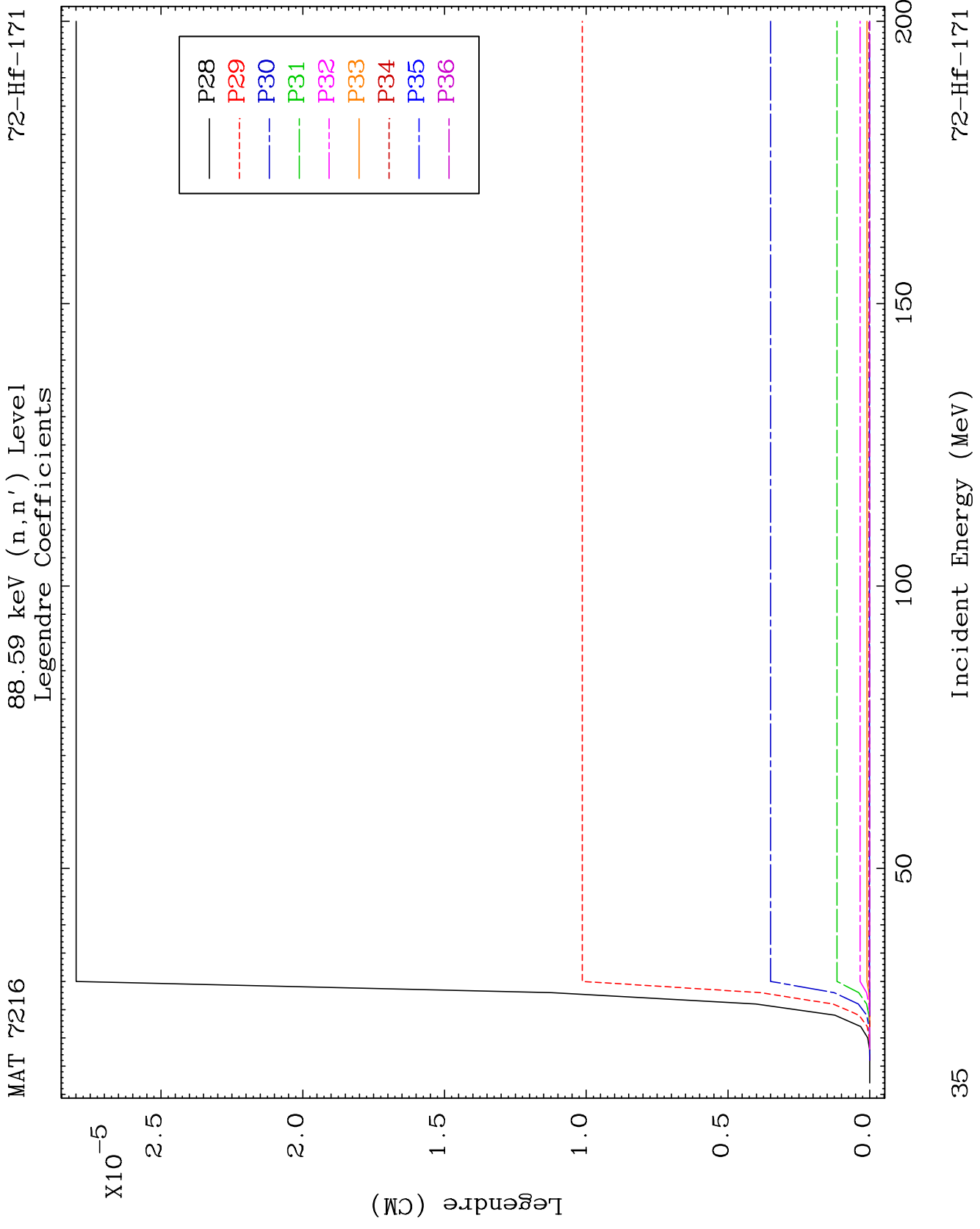


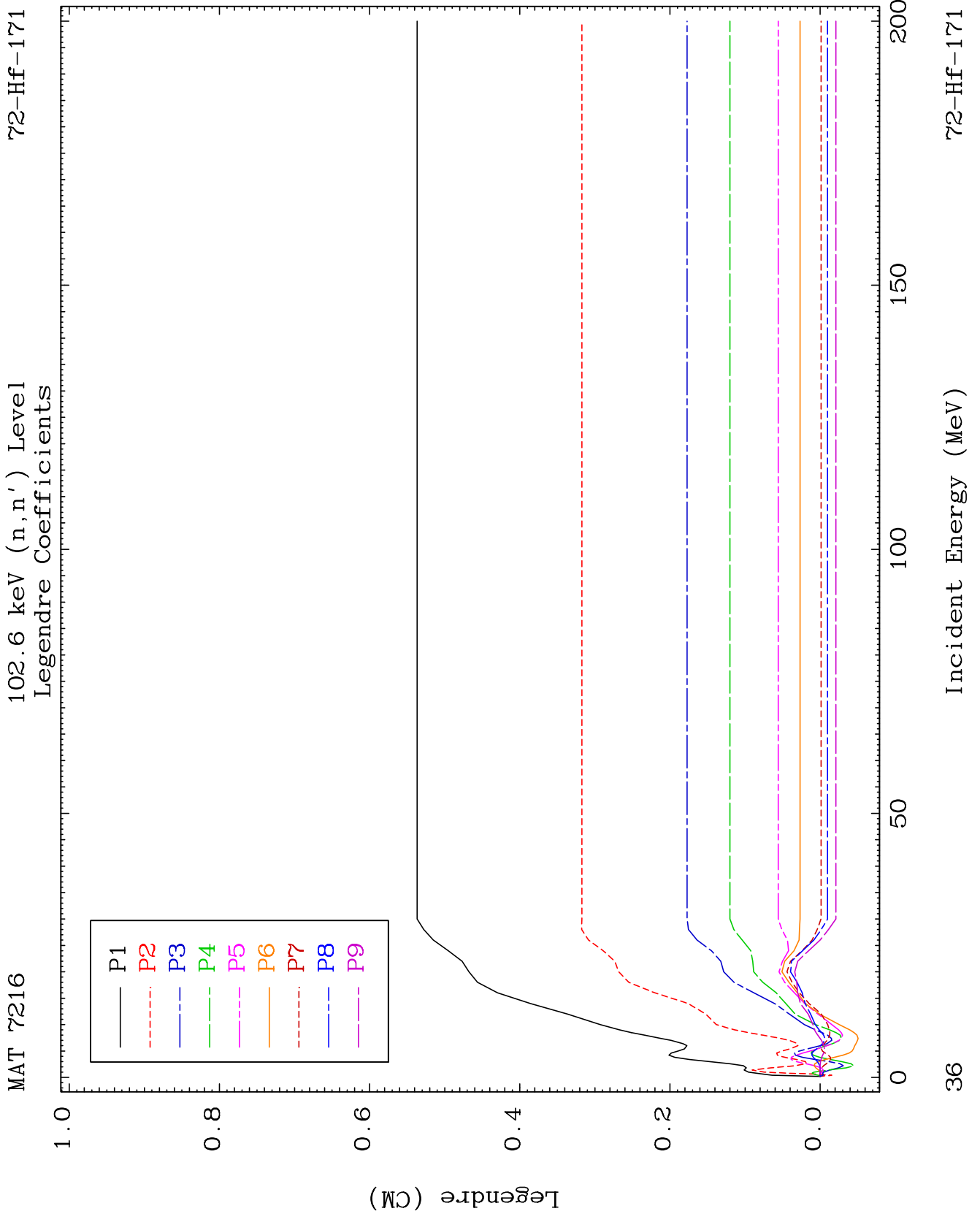




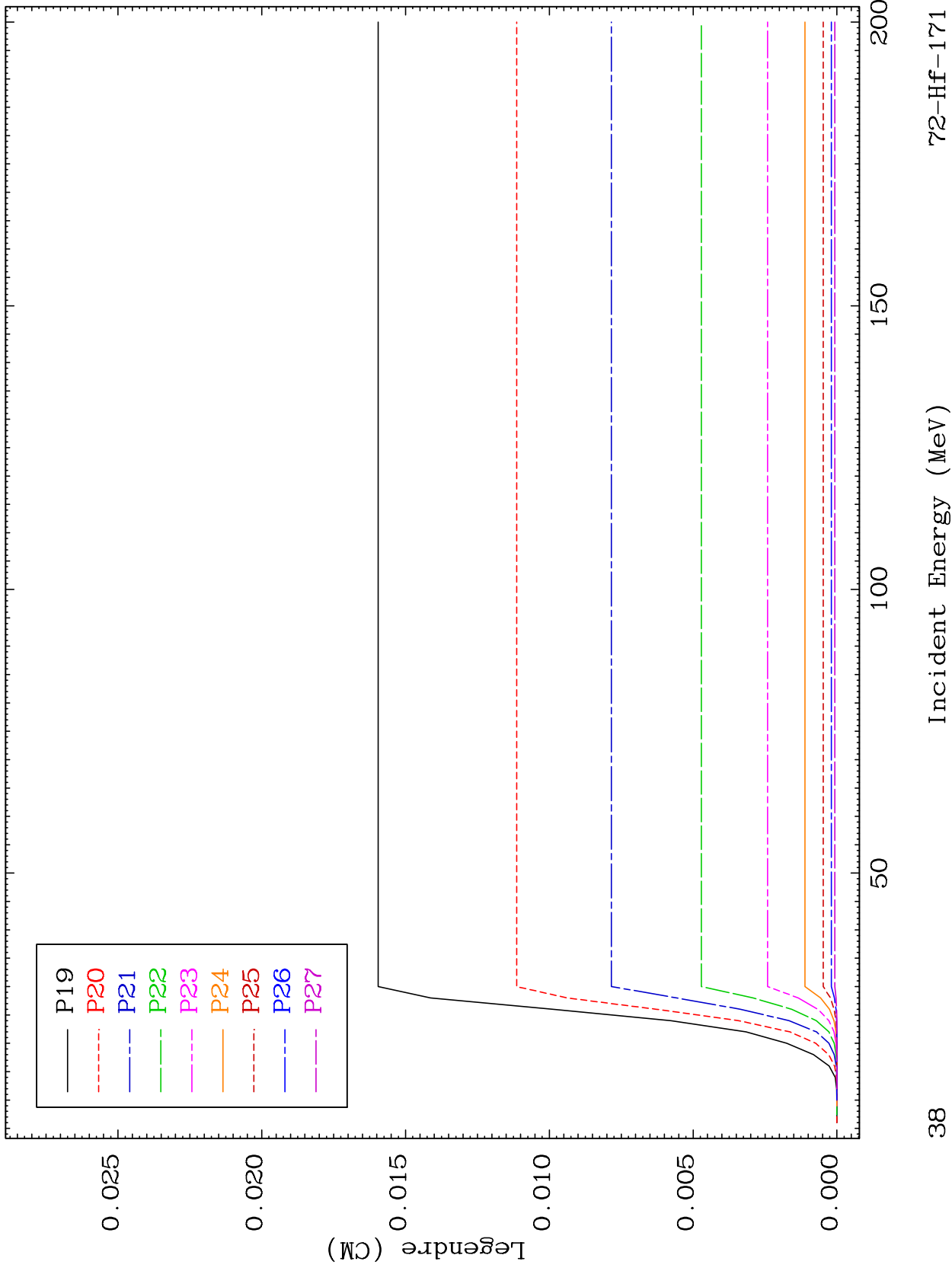


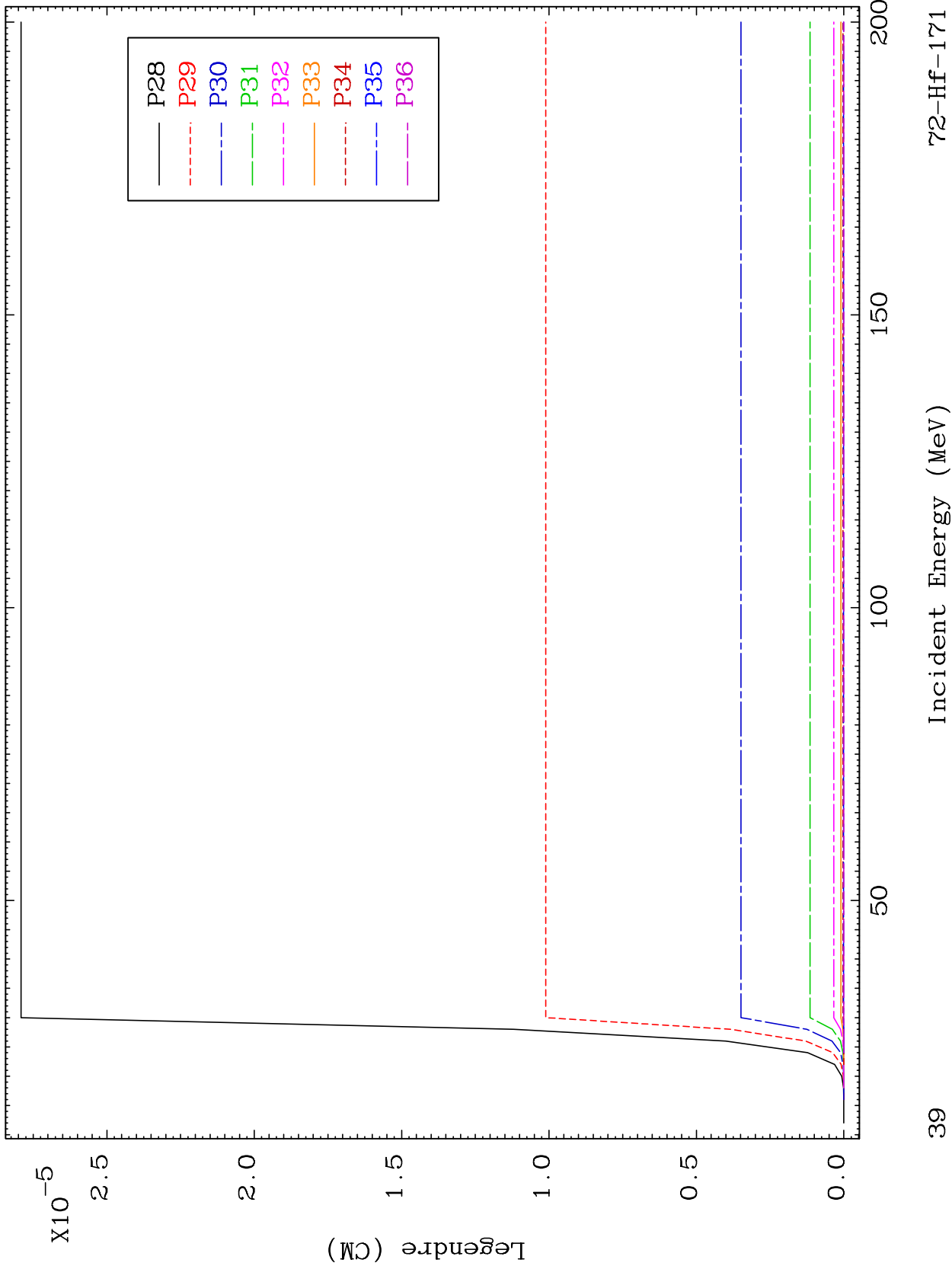




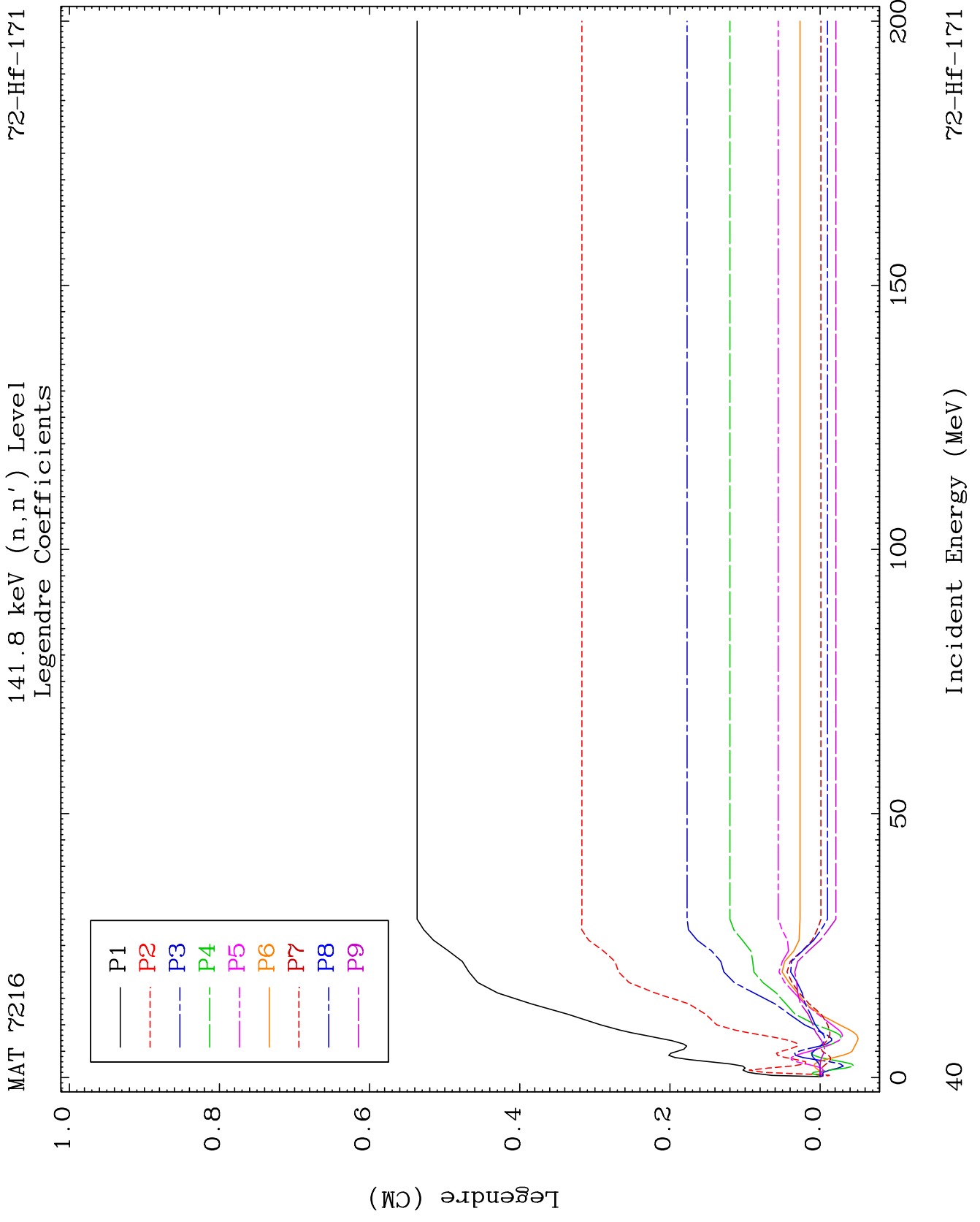


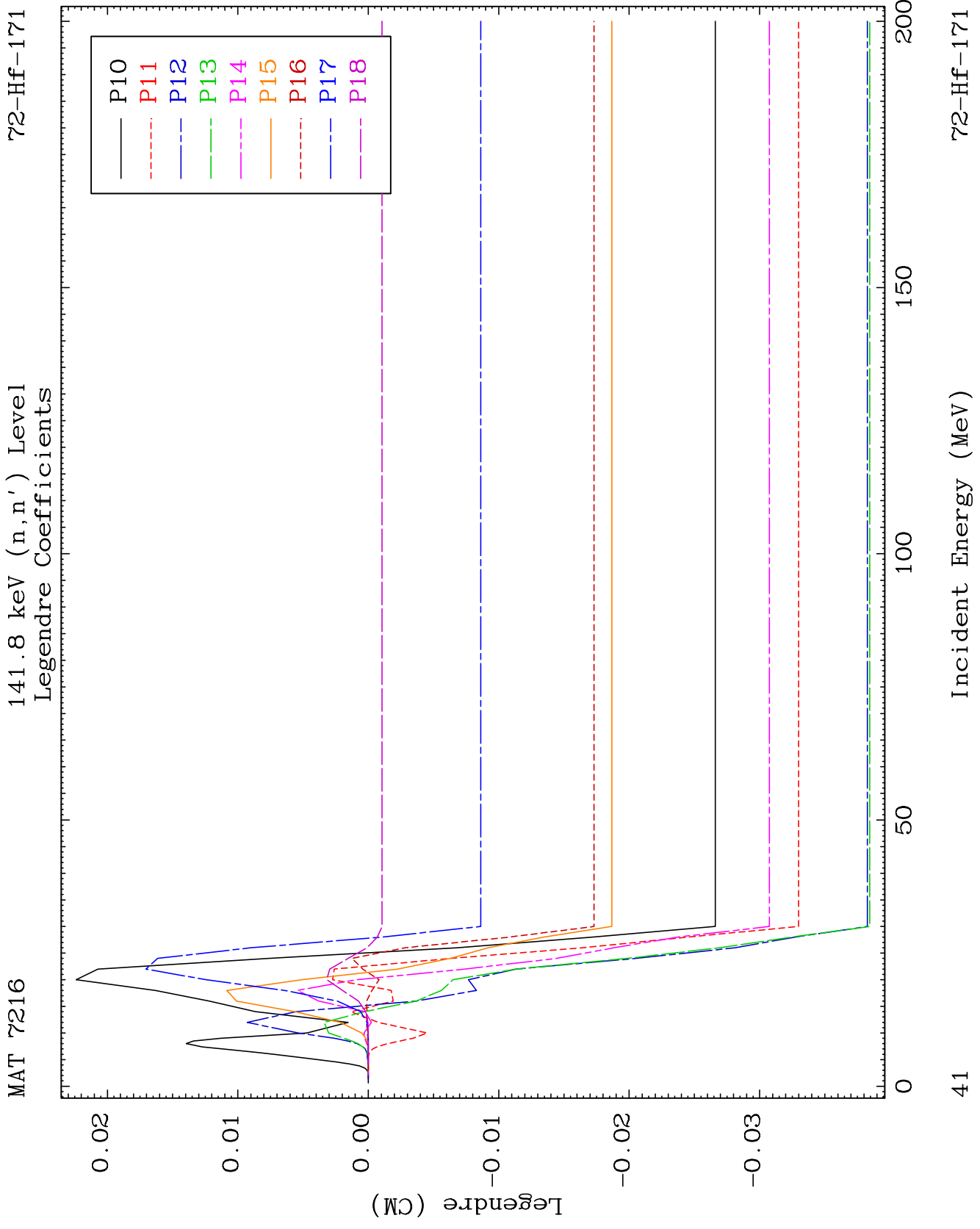








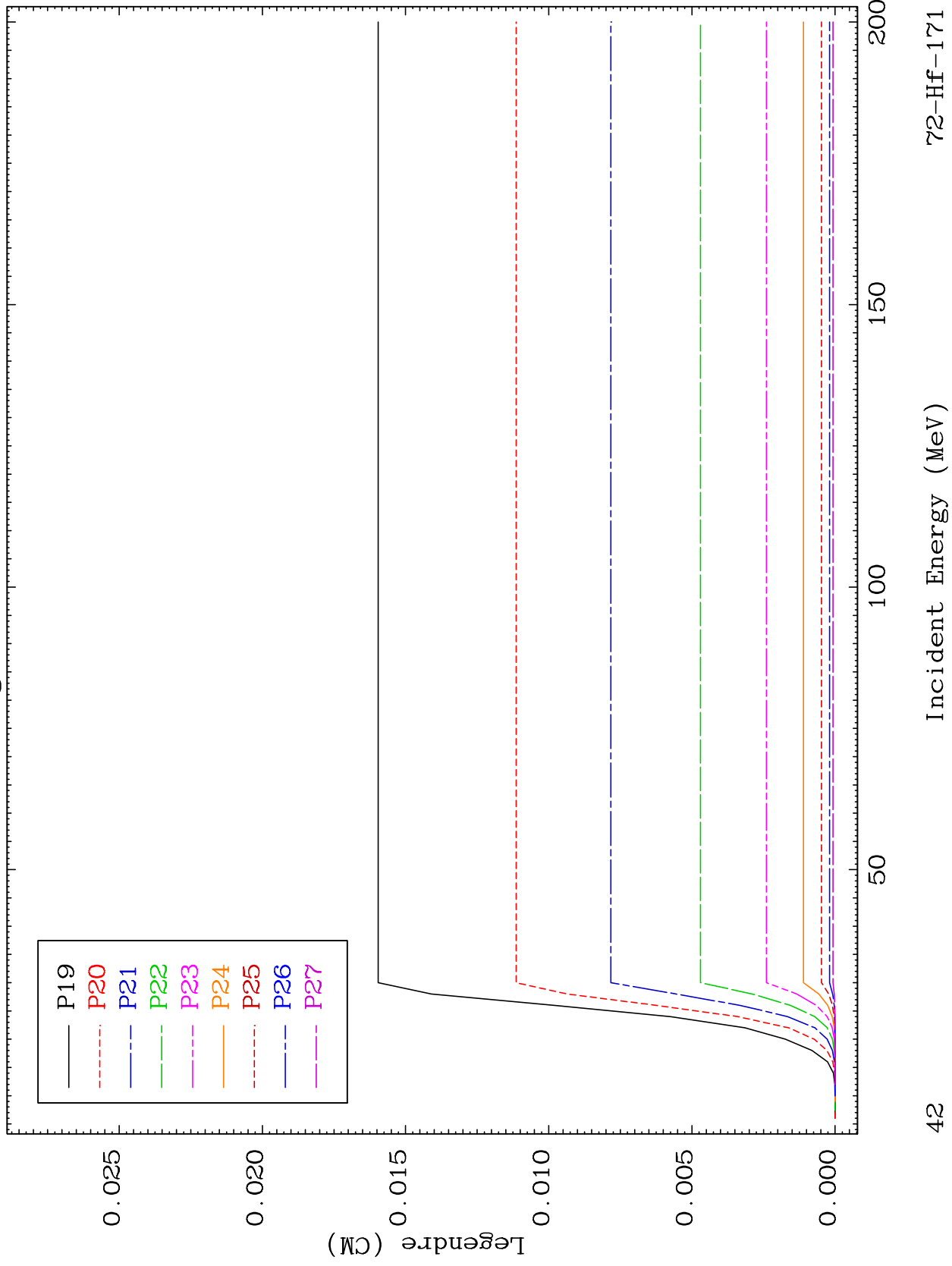




MAT 7216

141.8 keV (n,n') Level  
Legendre Coefficients

72-Hf-171



42

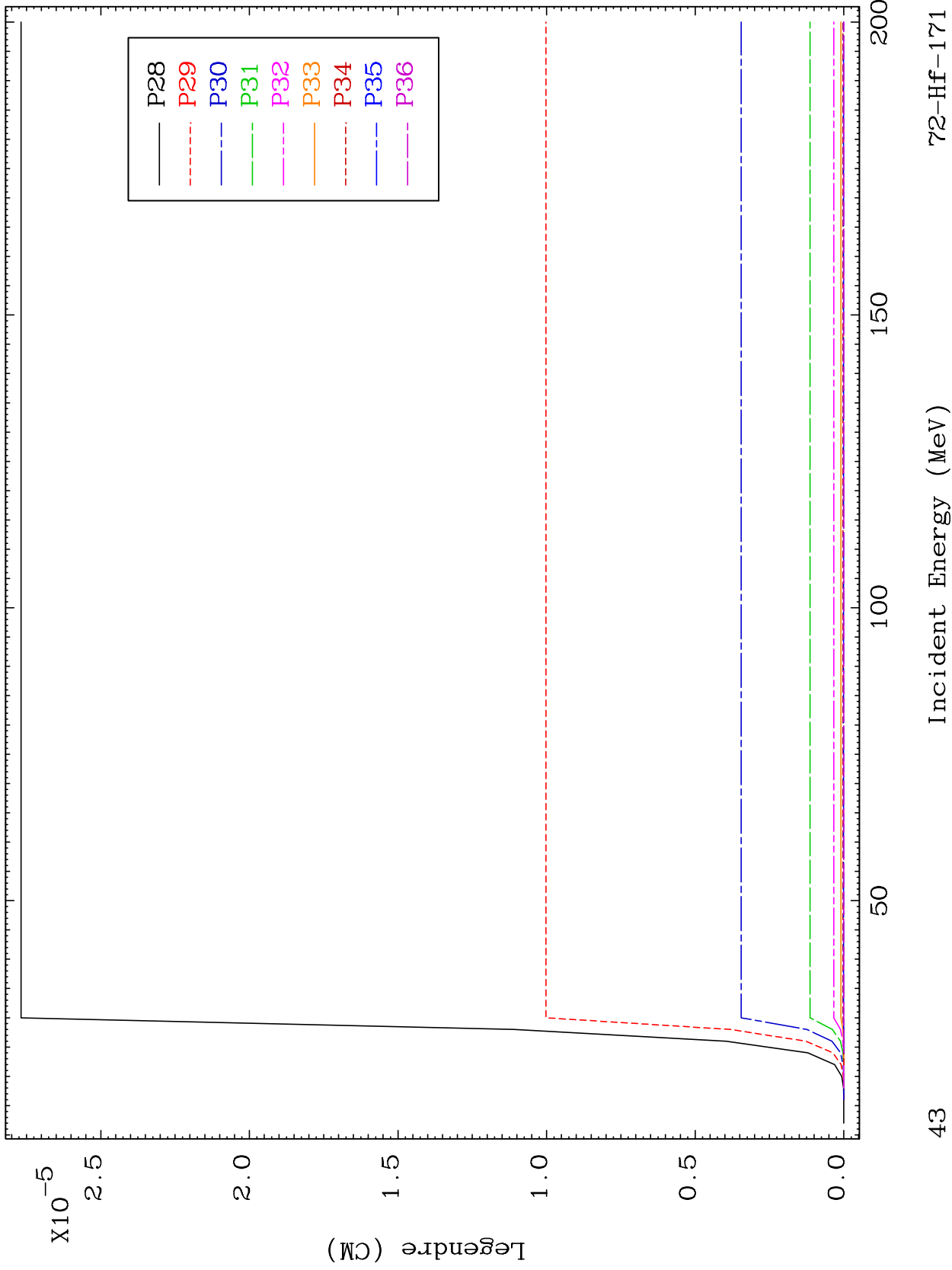
Incident Energy (MeV)

72-Hf-171

MAT 7216

141.8 keV (n,n') Level  
Legendre Coefficients

72-Hf-171

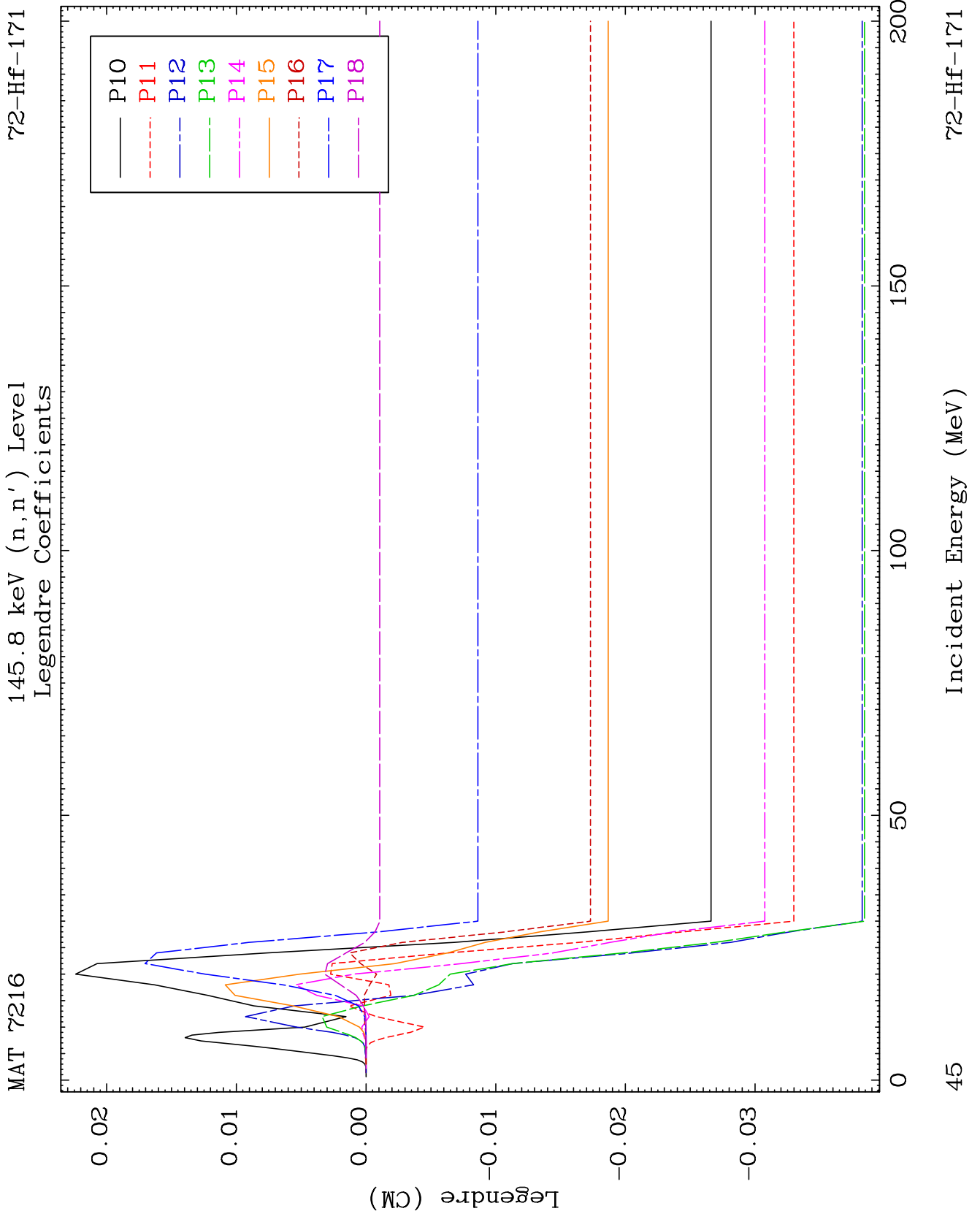


43

Incident Energy (MeV)

72-Hf-171

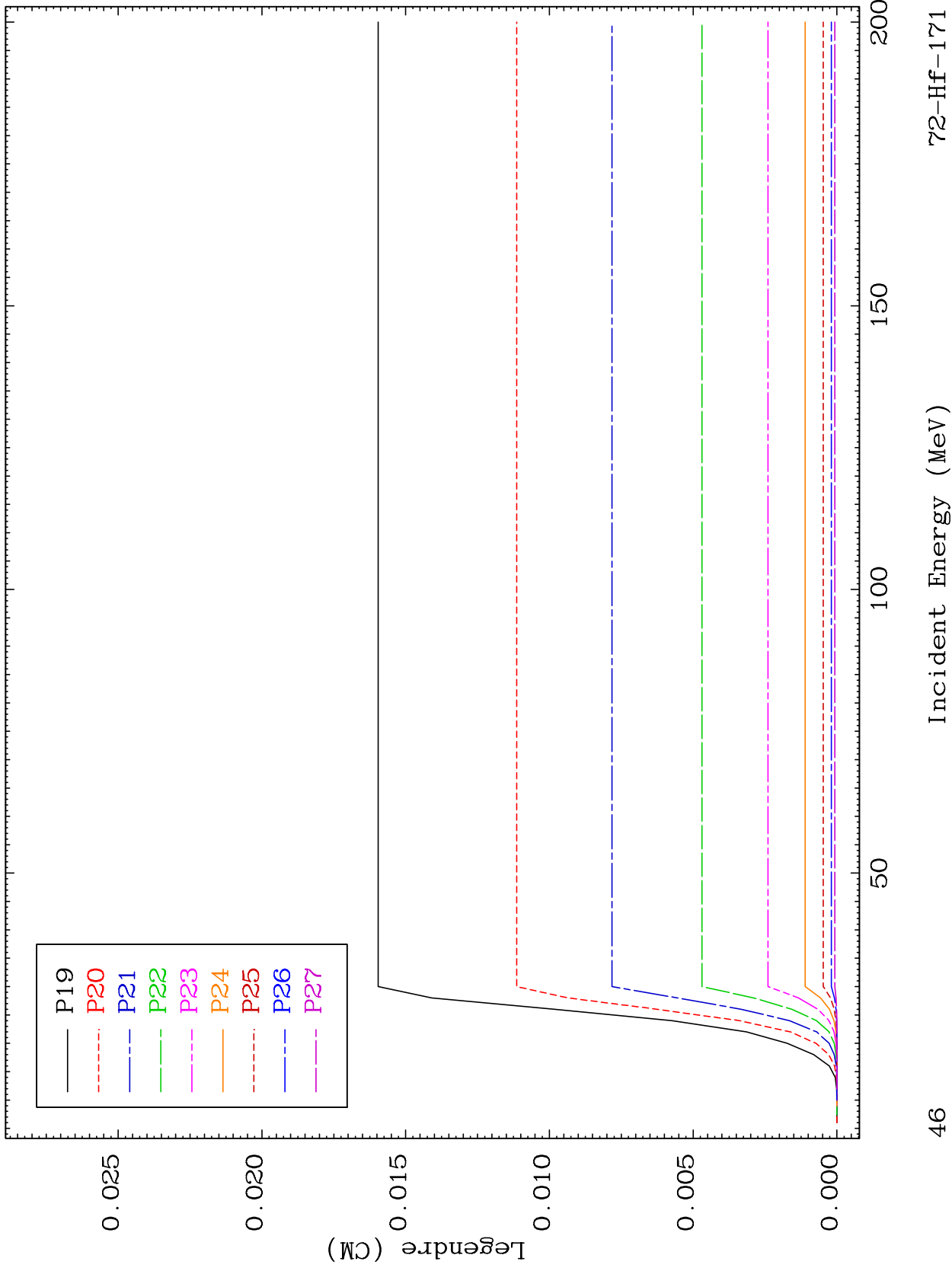




MAT 7216

145.8 keV (n,n') Level  
Legendre Coefficients

72-Hf-171



46

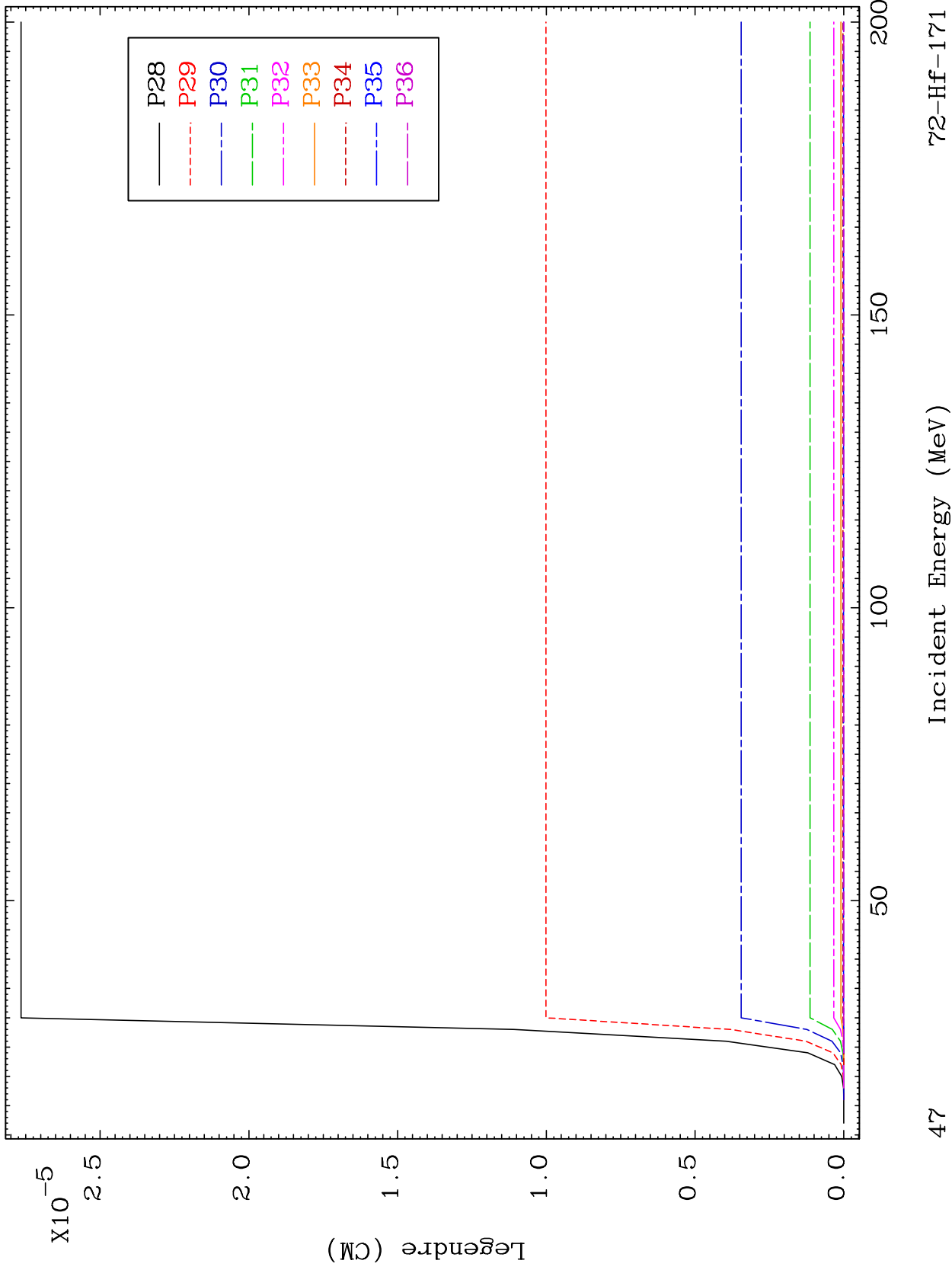
Incident Energy (MeV)

72-Hf-171

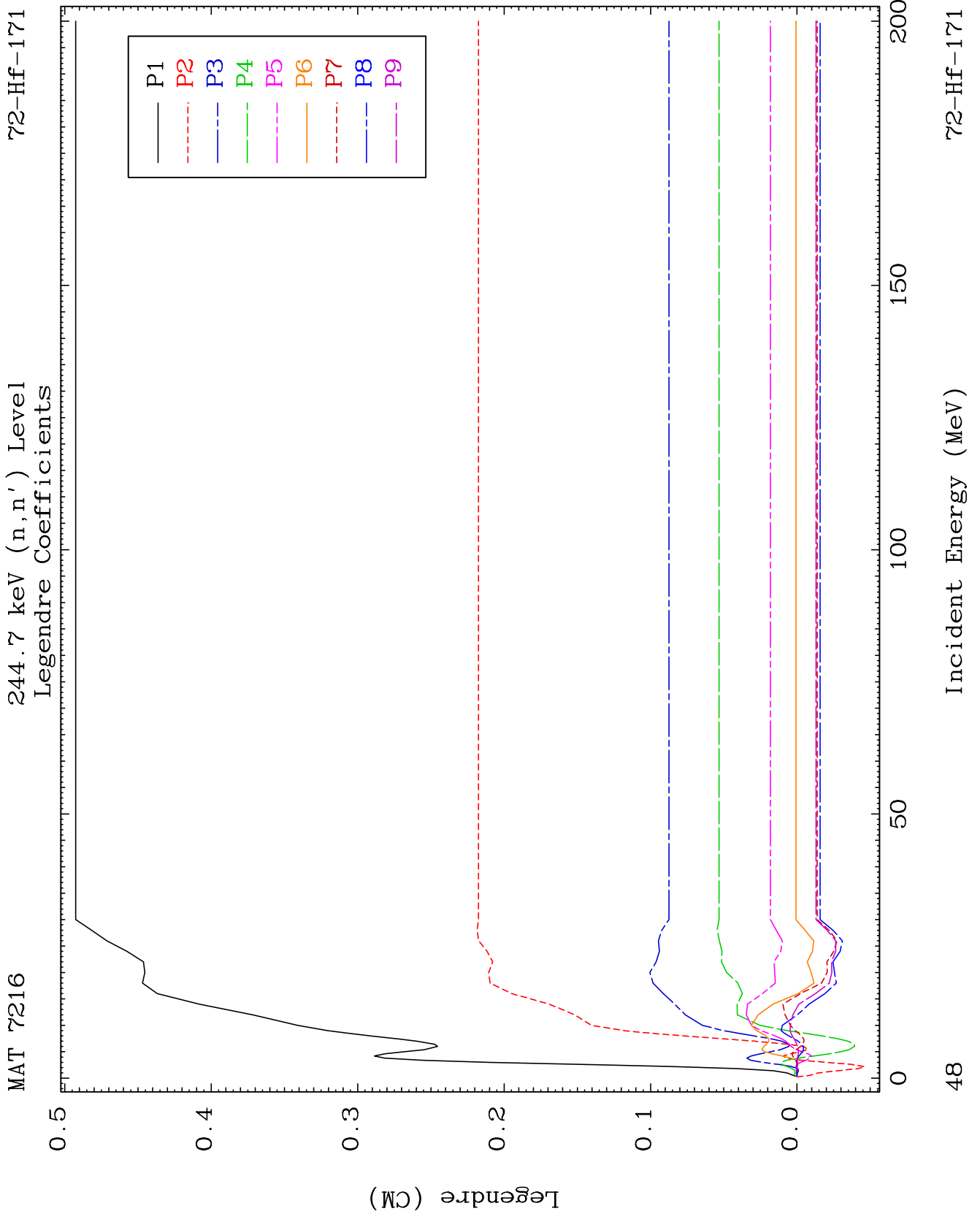
MAT 7216

145.8 keV (n,n') Level  
Legendre Coefficients

72-Hf-171



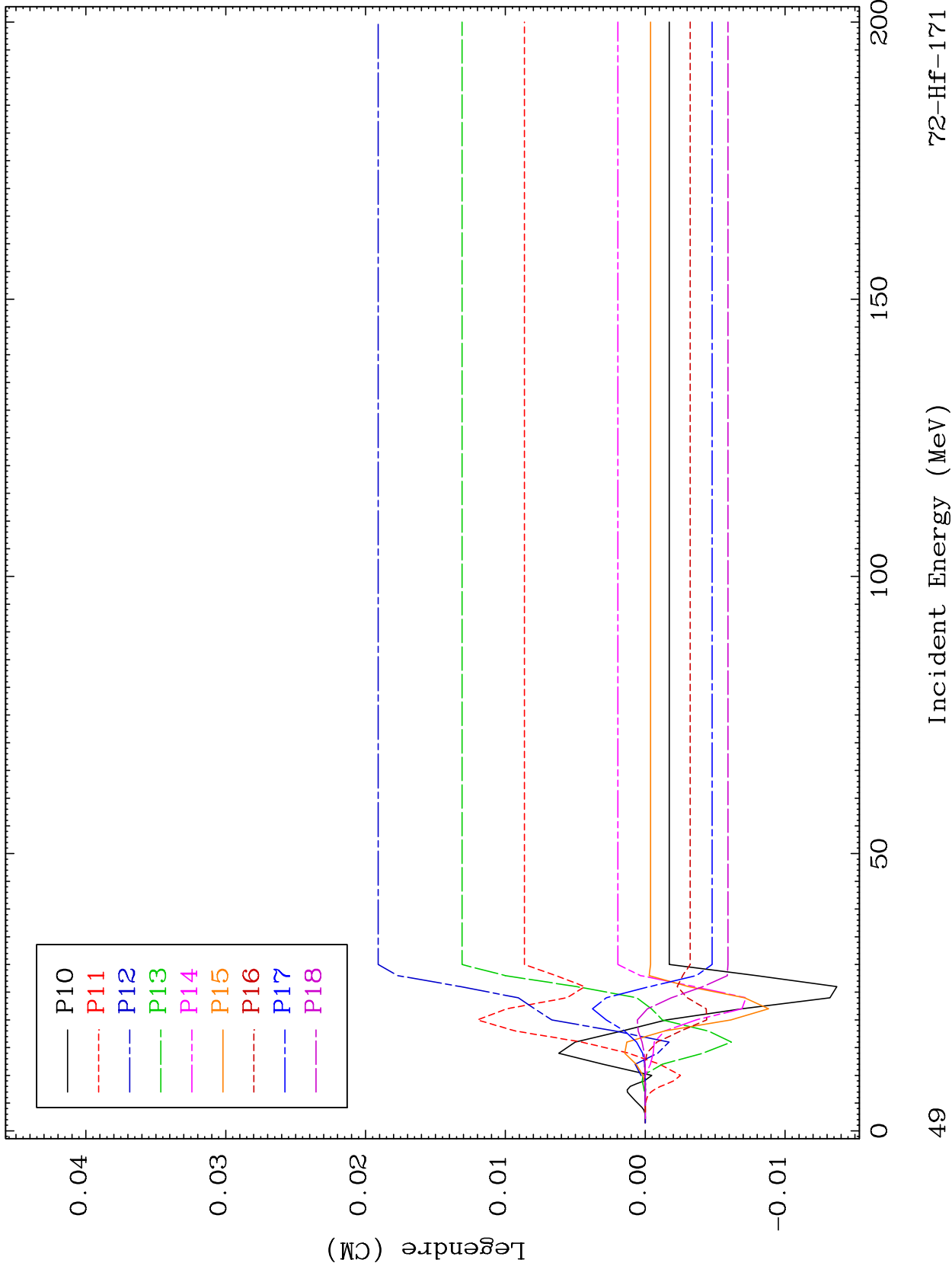




MAT 7216

244.7 keV (n,n') Level  
Legendre Coefficients

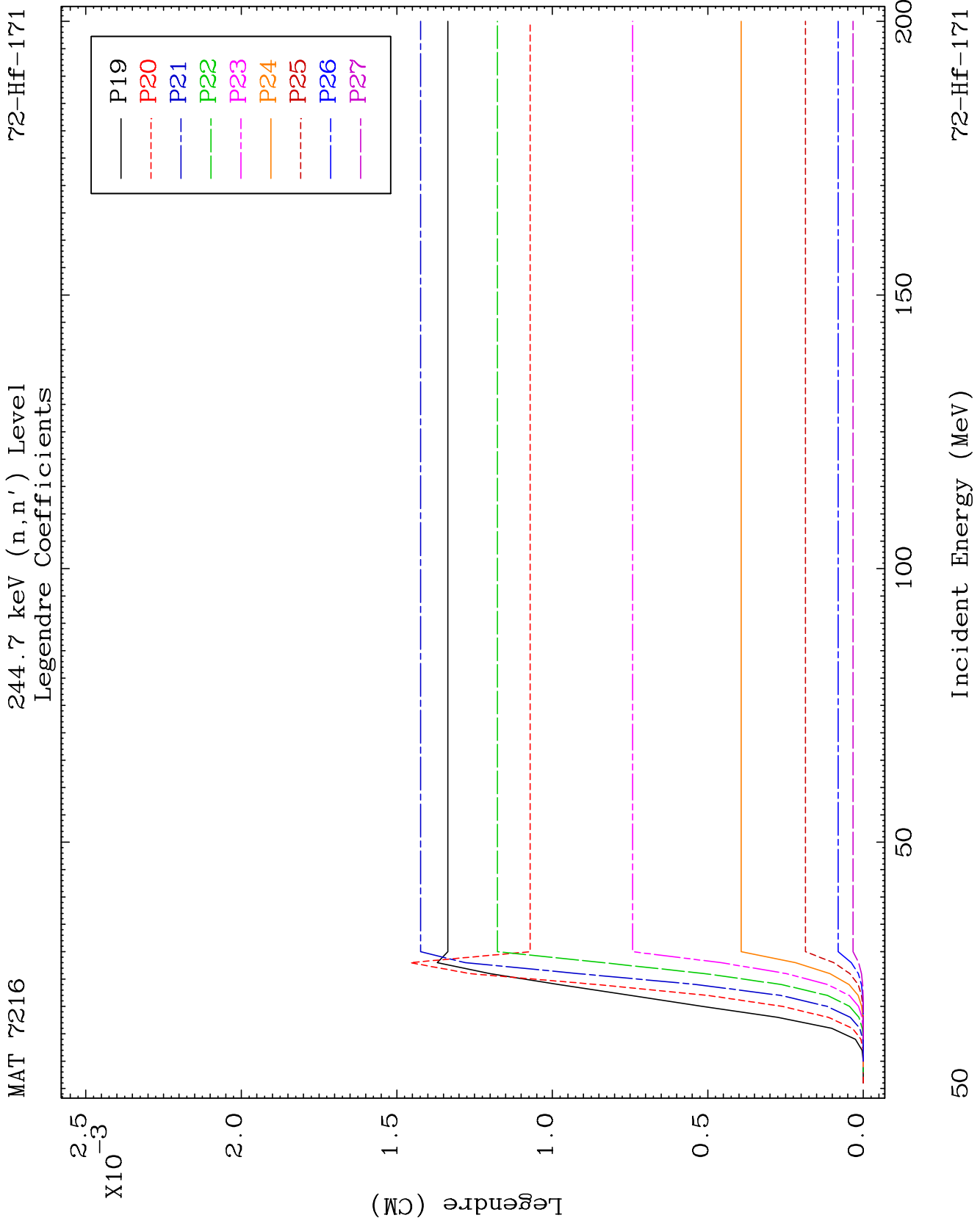
72-Hf-171

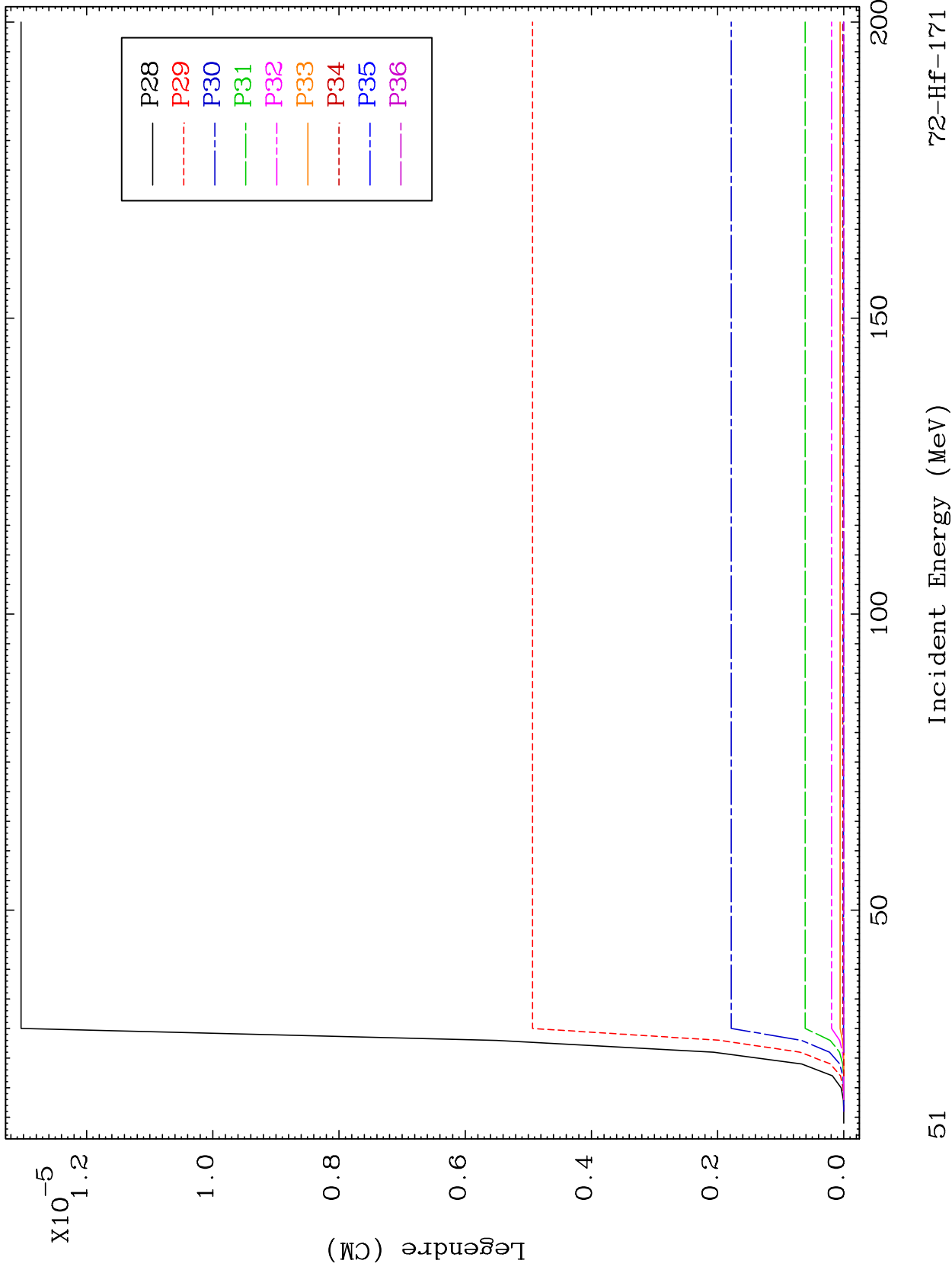


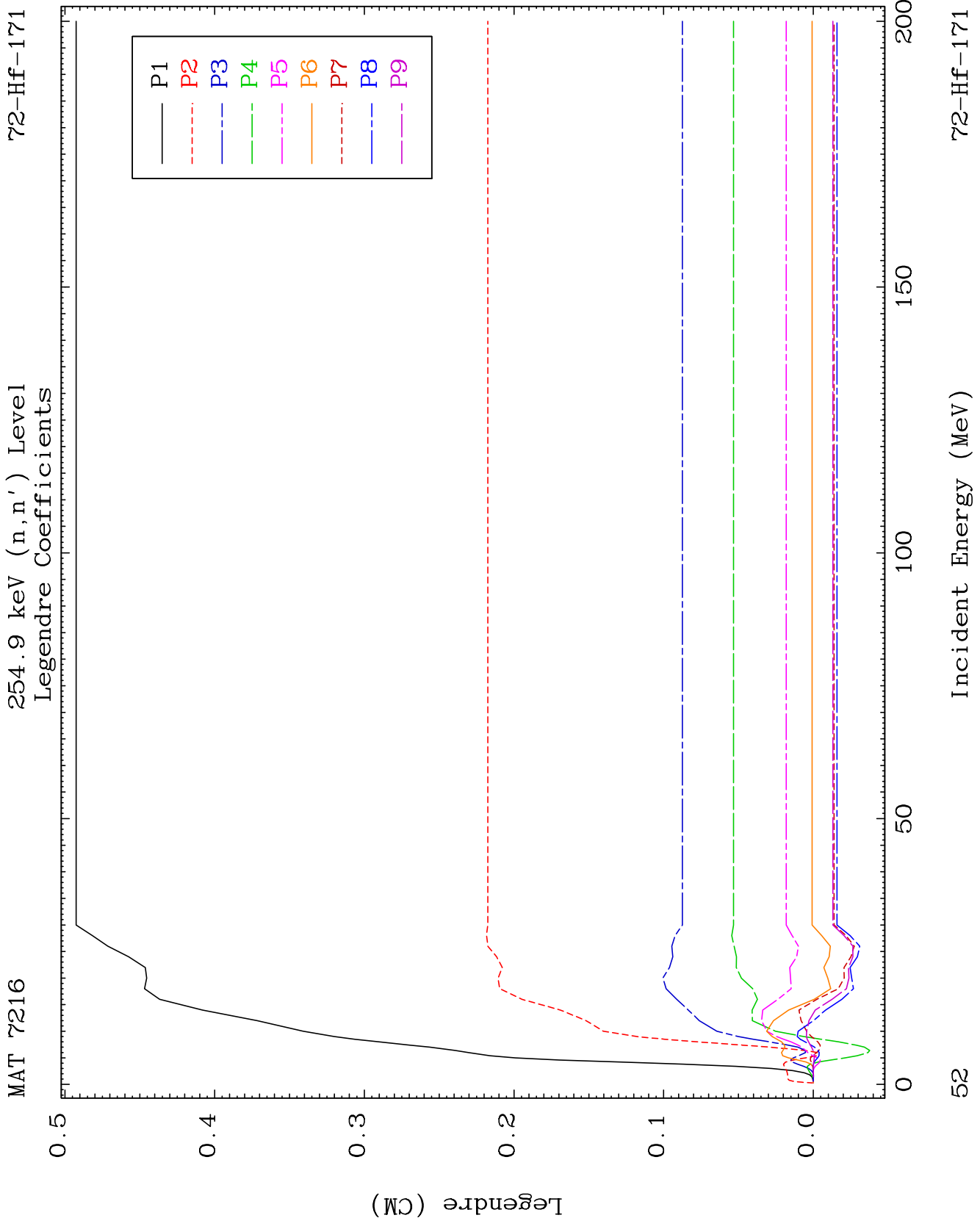
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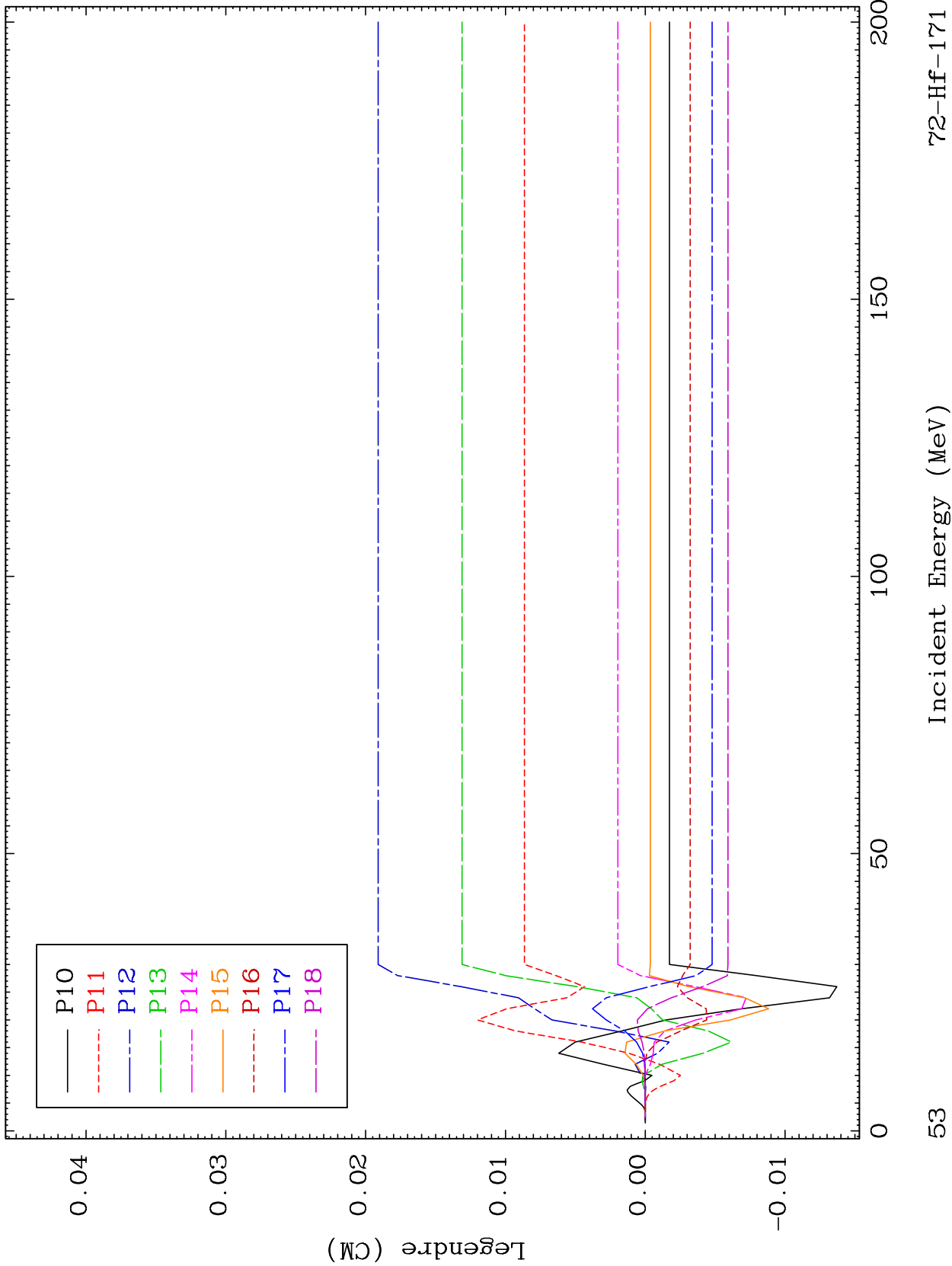
Incident Energy (MeV)

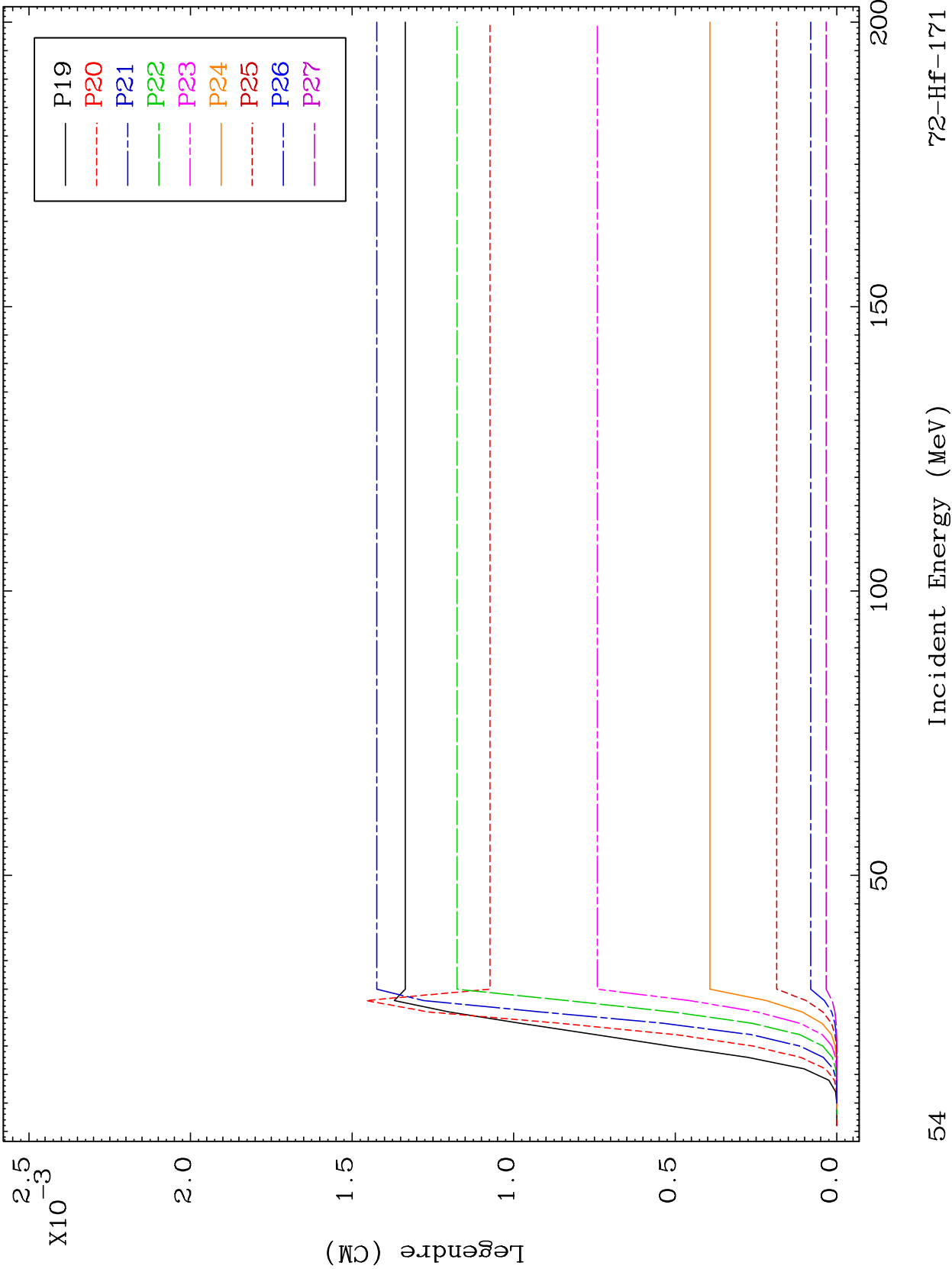
72-Hf-171







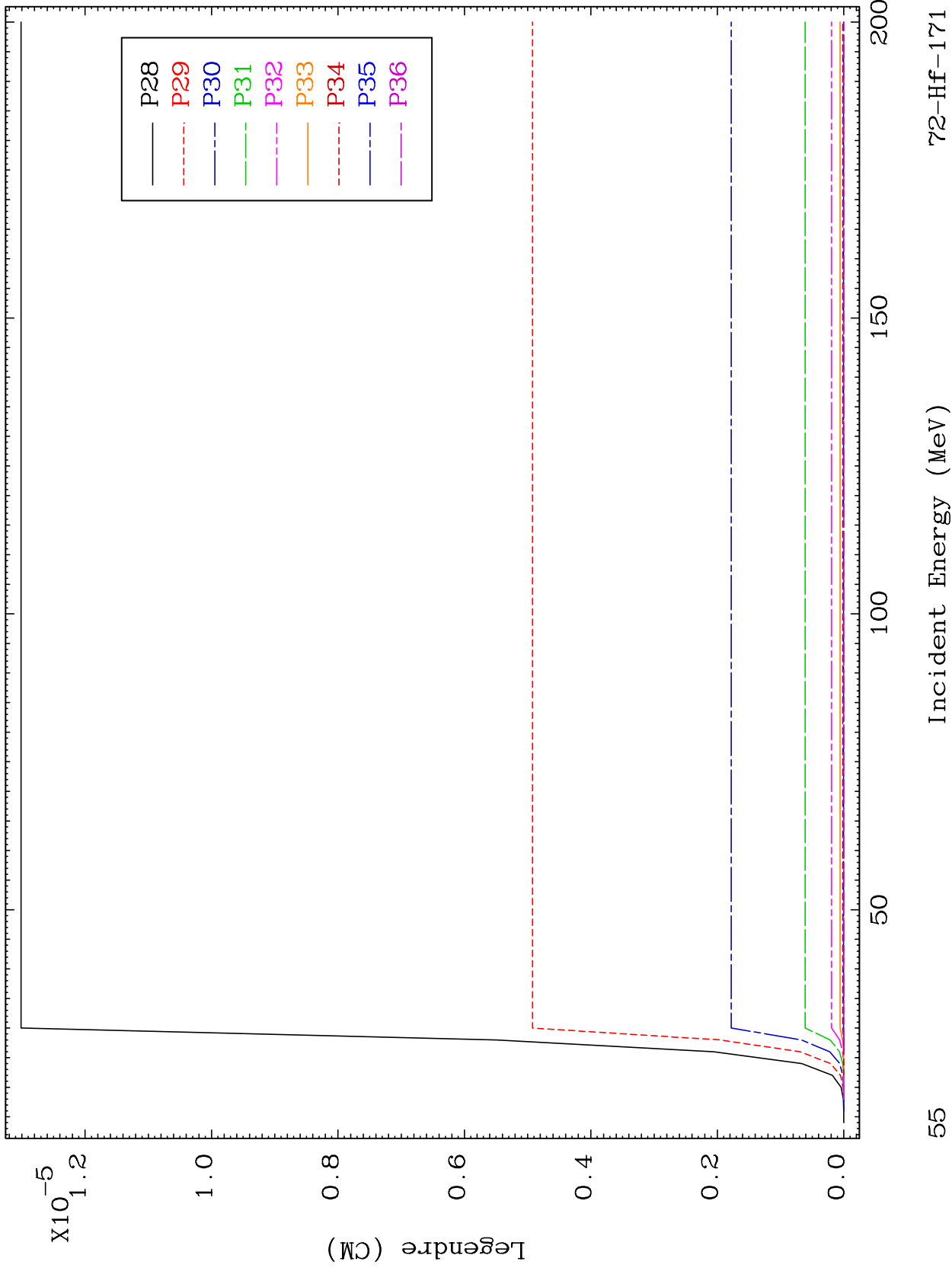




MAT 7216

254.9 keV (n,n') Level  
Legendre Coefficients

72-Hf-171

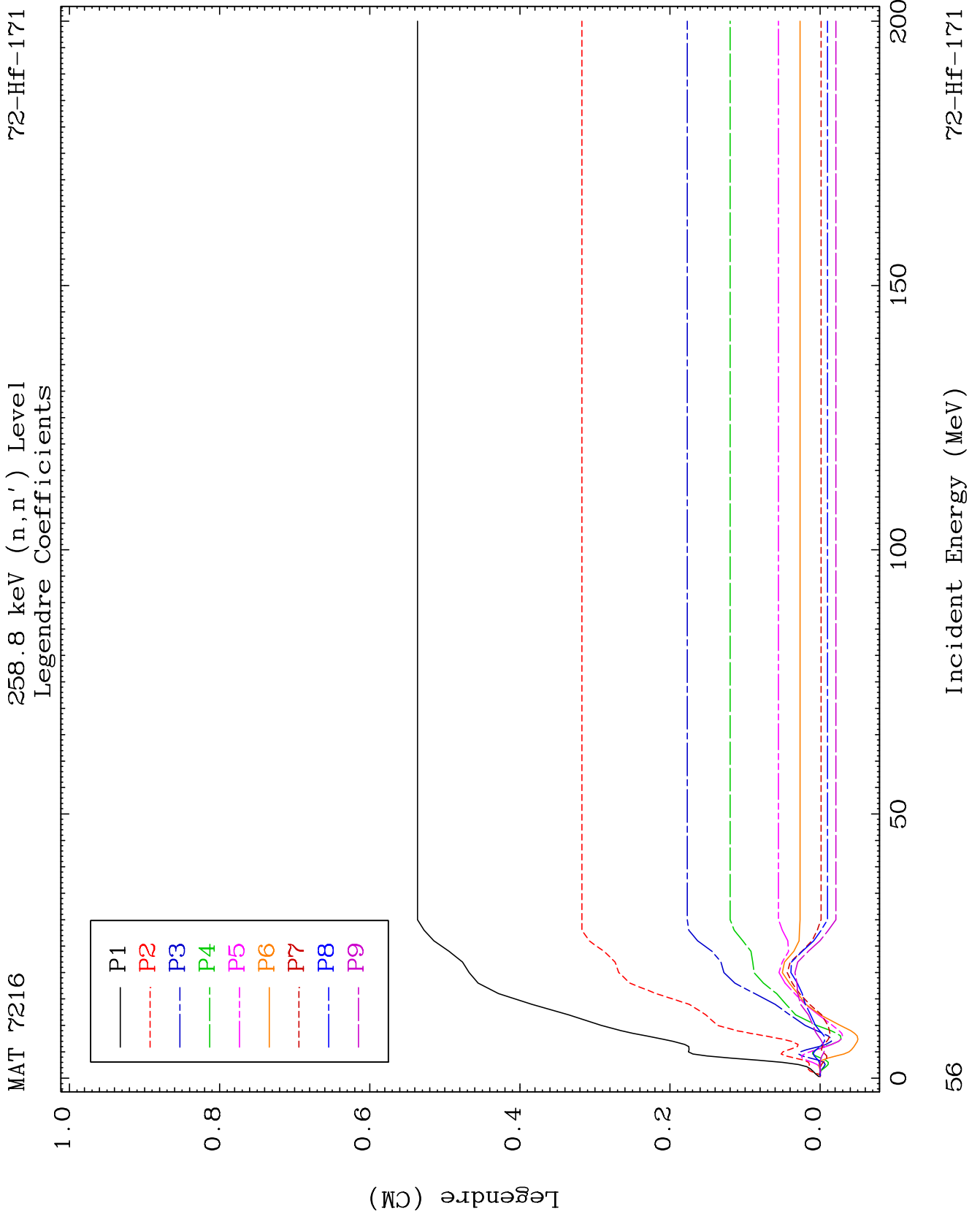


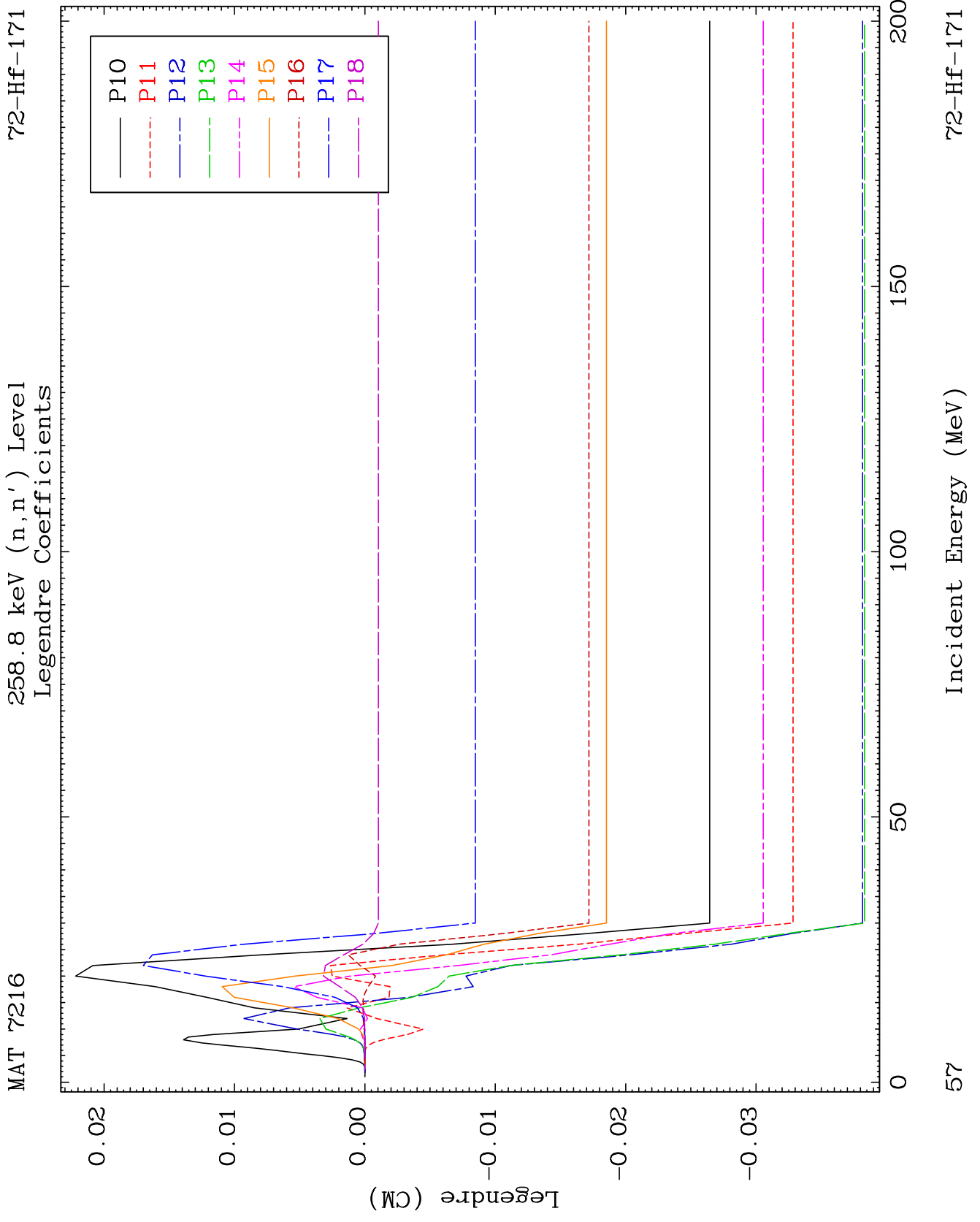
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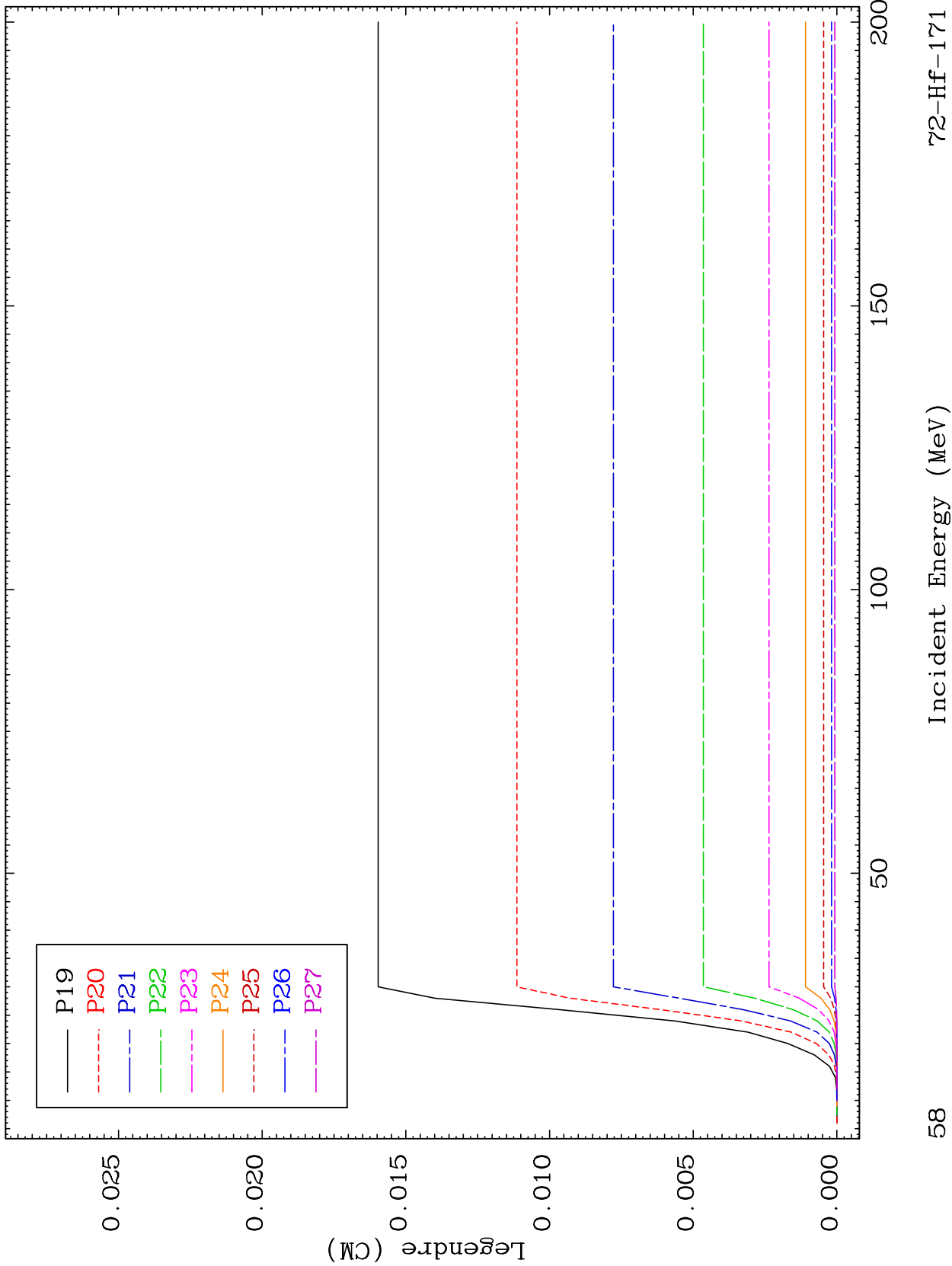
Incident Energy (MeV)

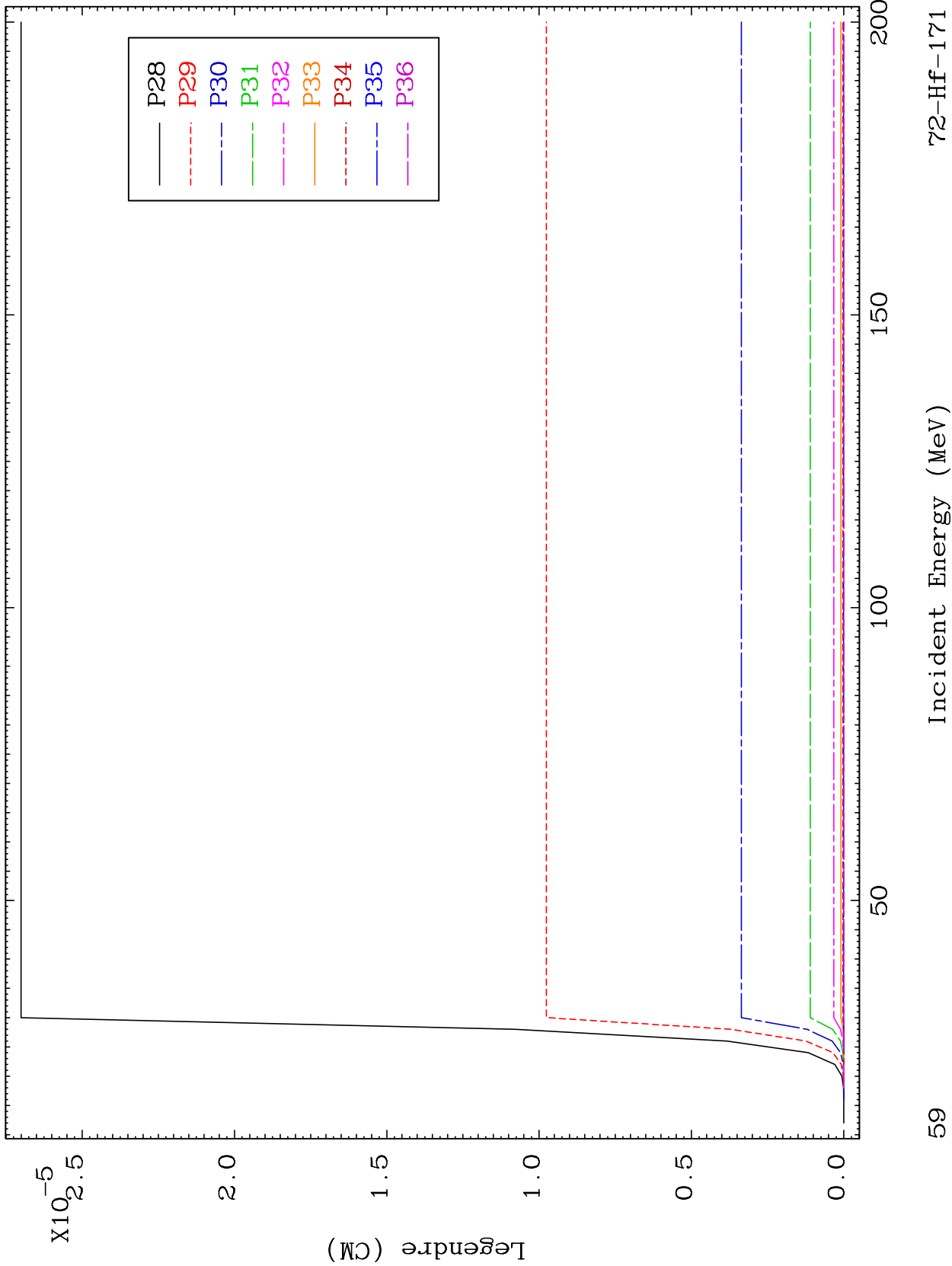
72-Hf-171

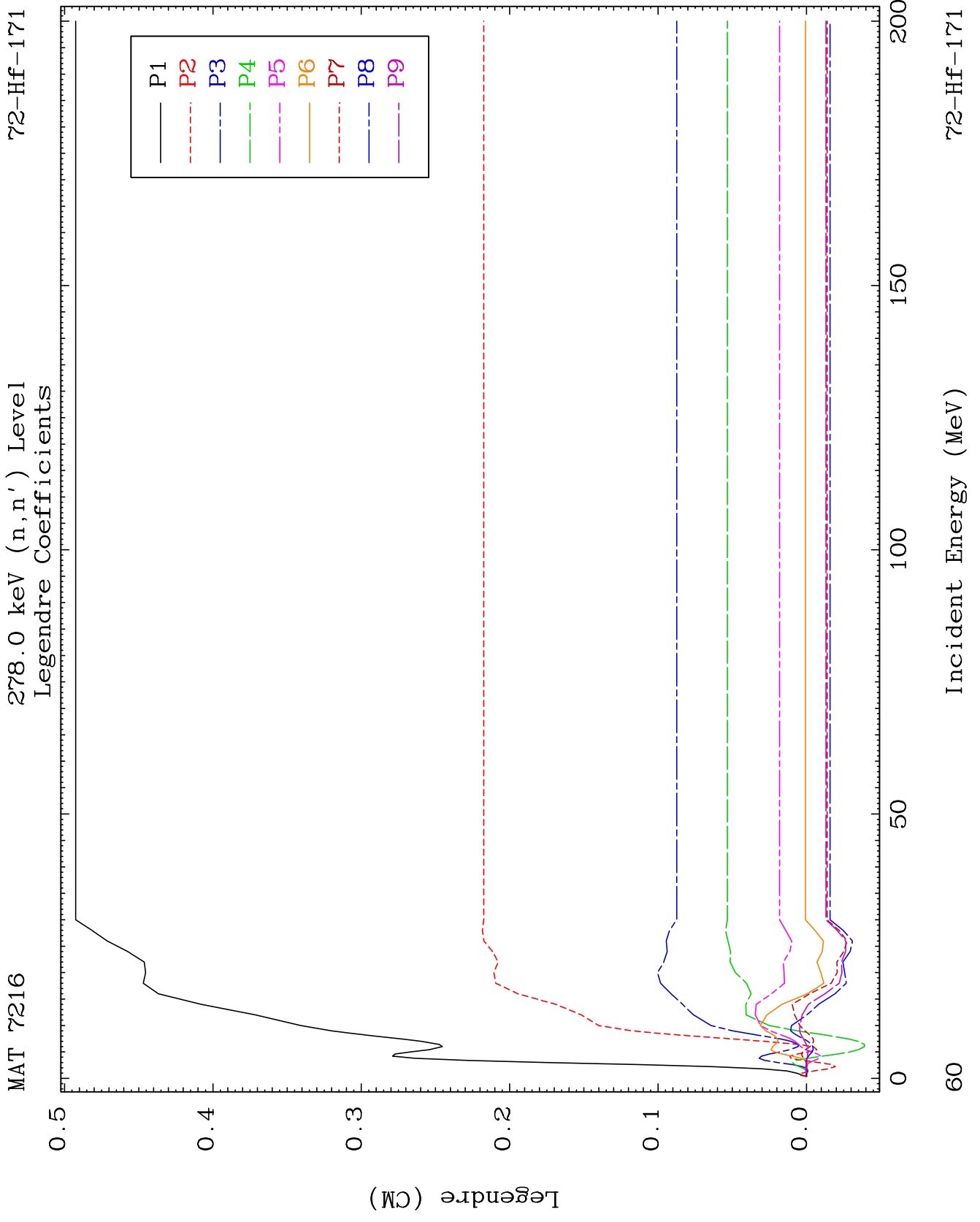


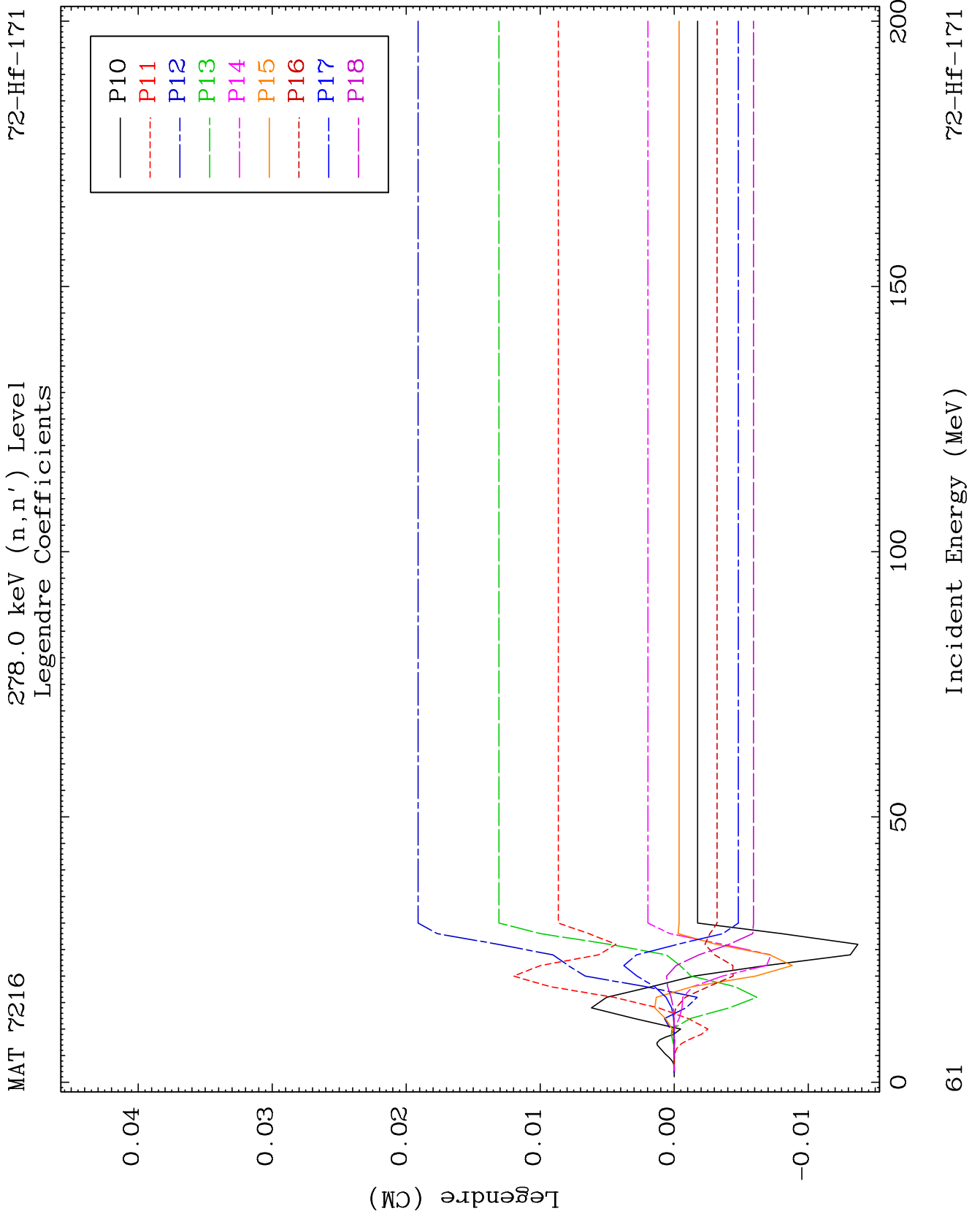


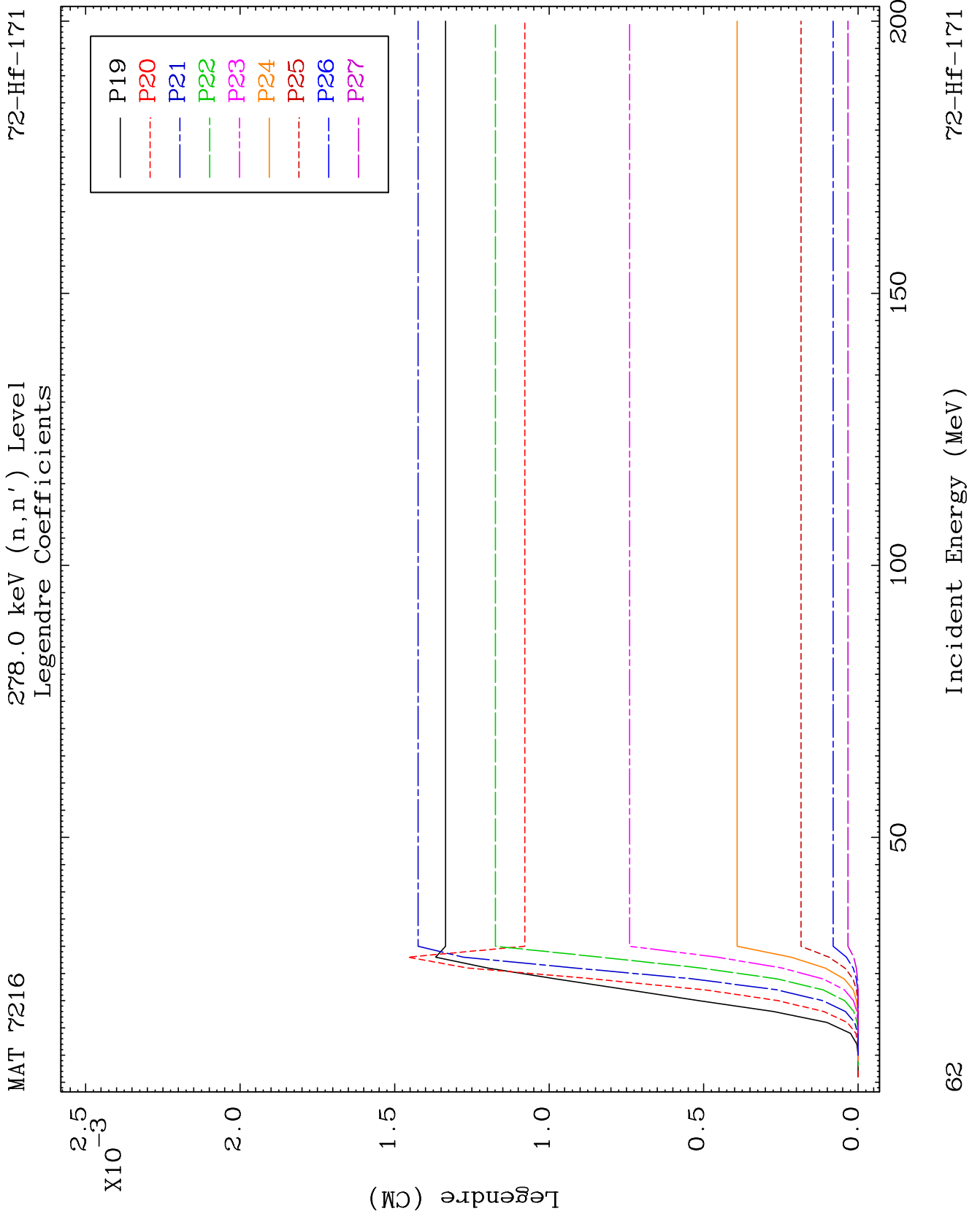








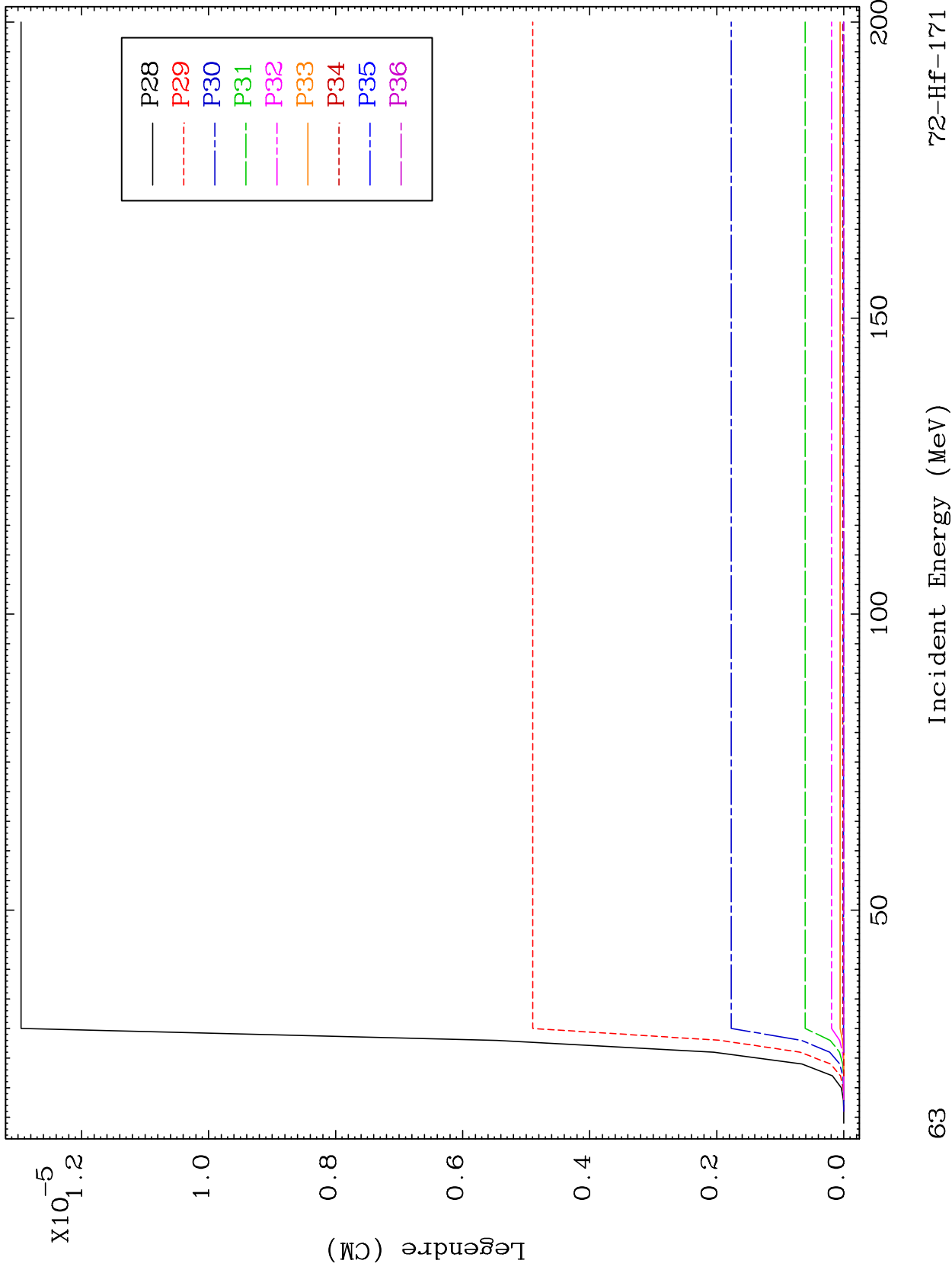




MAT 7216

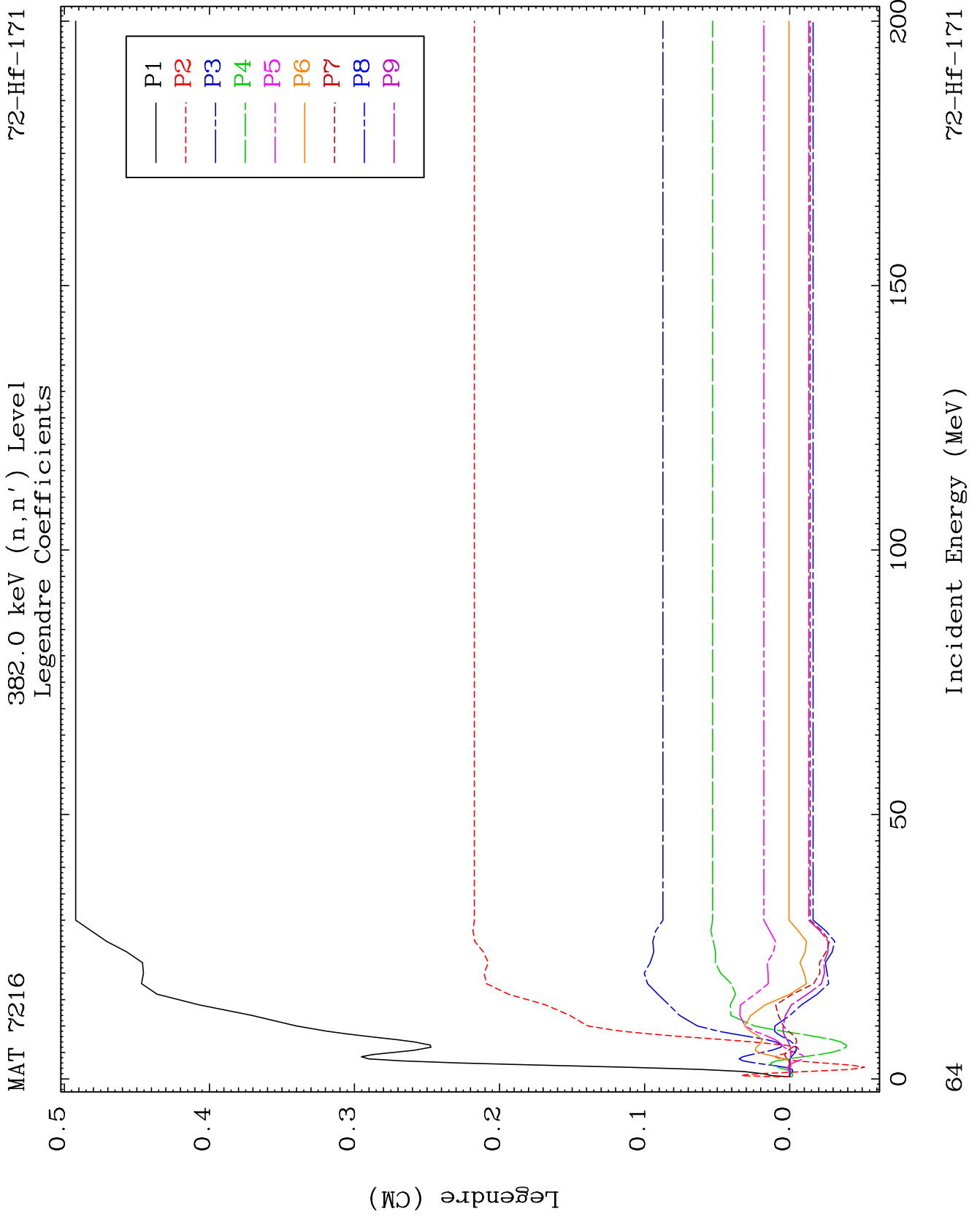
278.0 keV (n,n') Level  
Legendre Coefficients

72-Hf-171



63

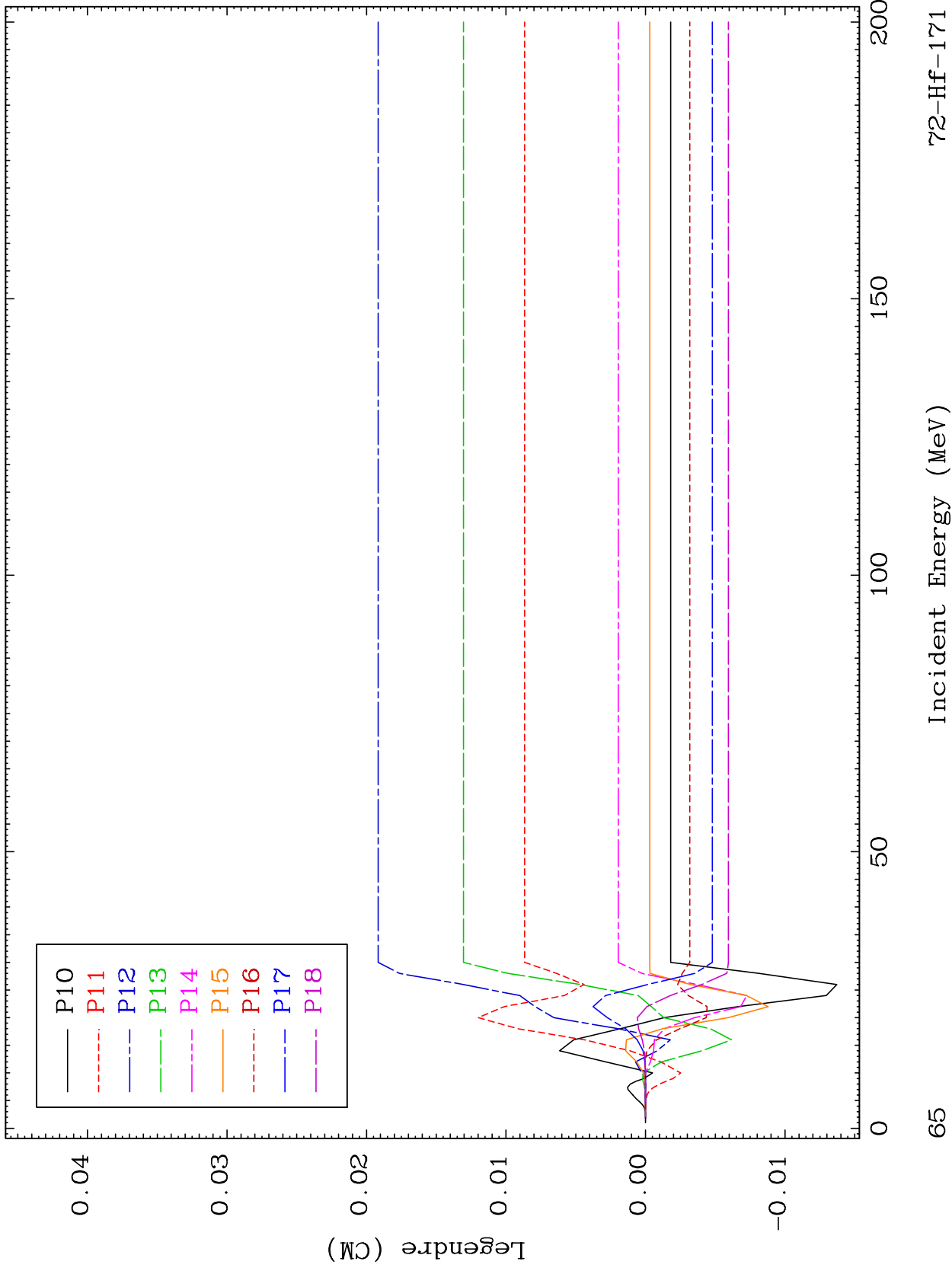




MAT 7216

382.0 keV (n,n') Level  
Legendre Coefficients

72-Hf-171



72-Hf-171

Incident Energy (MeV)

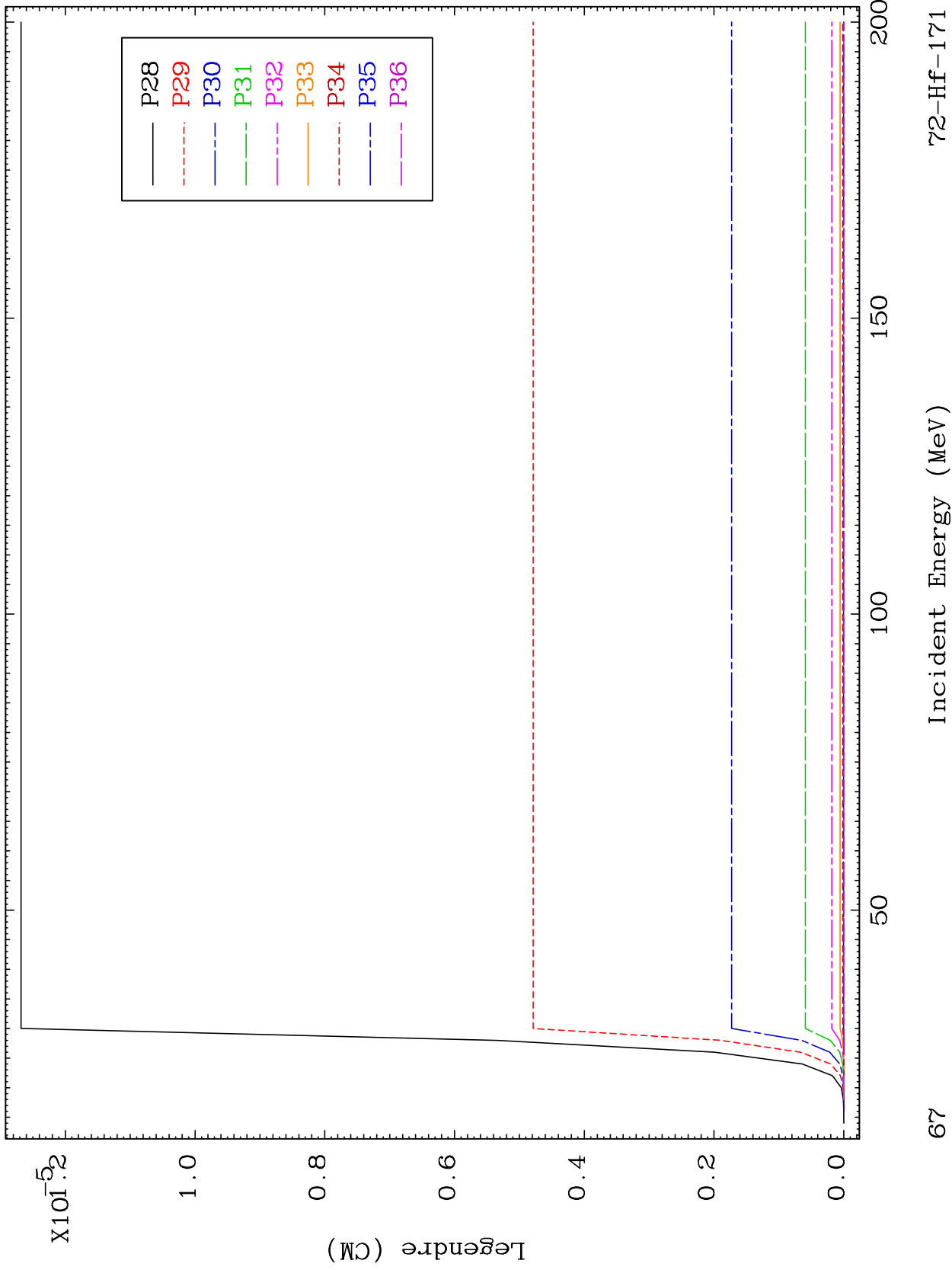
65

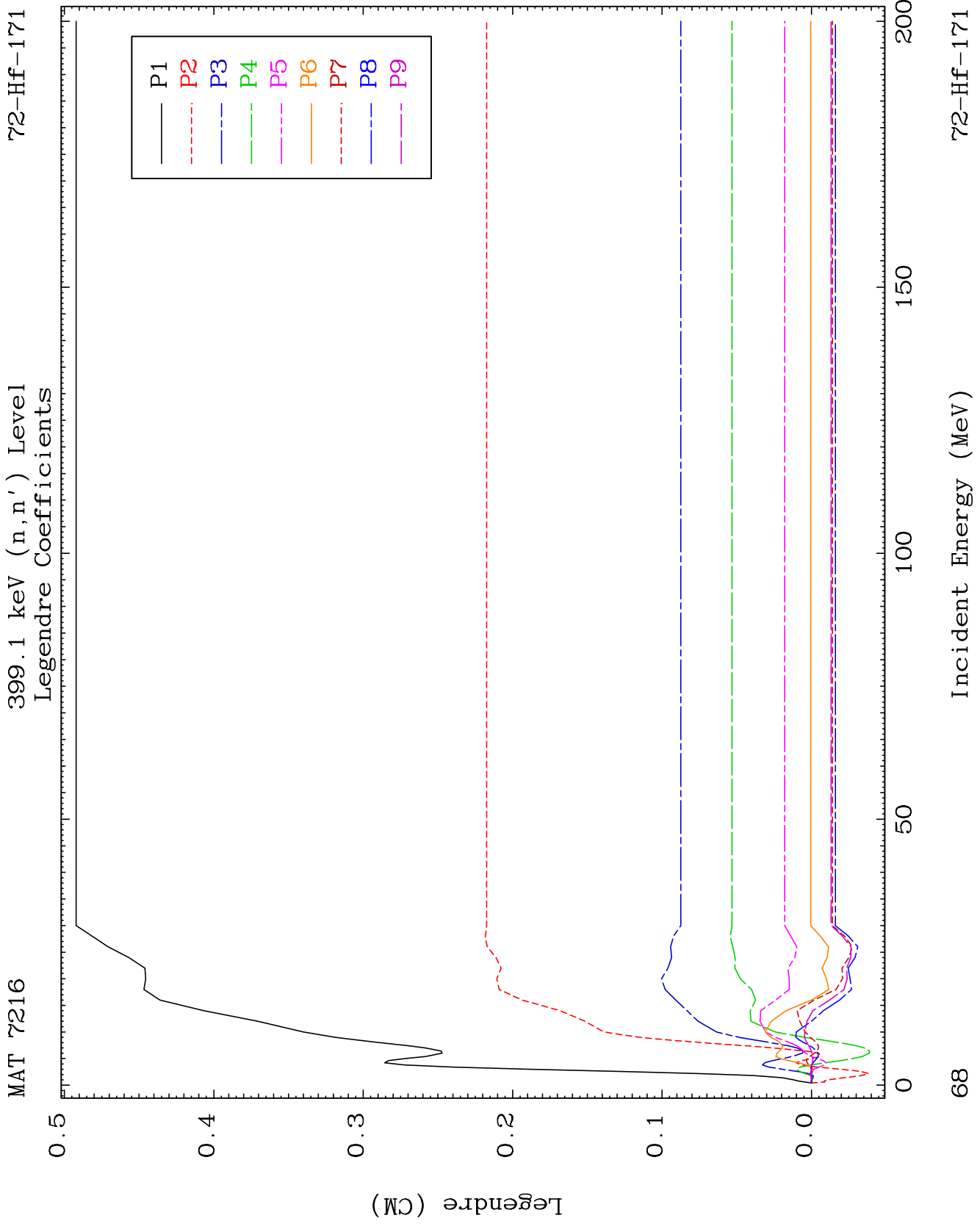


MAT 7216

382.0 keV (n,n') Level  
Legendre Coefficients

72-Hf-171

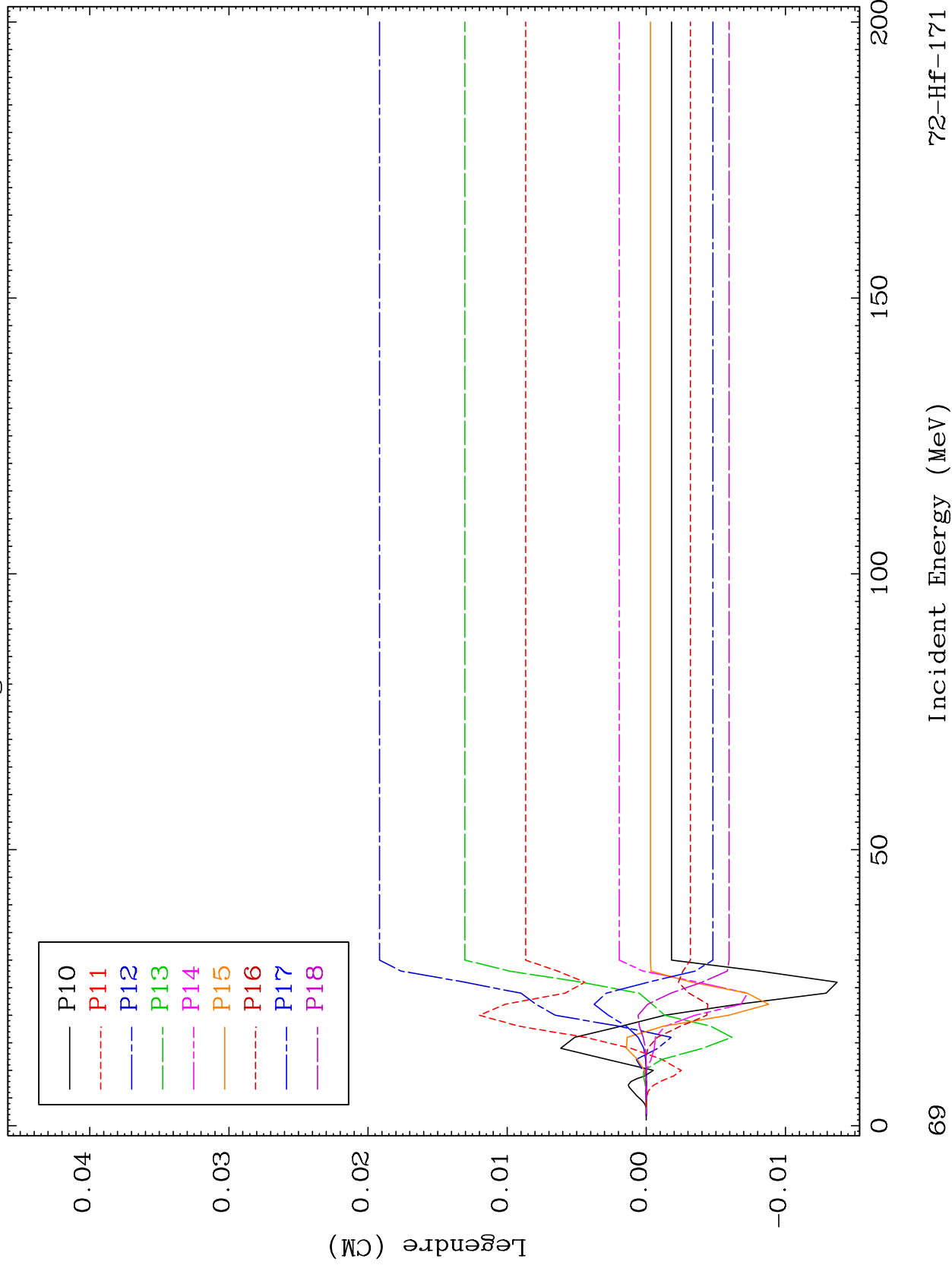




MAT 7216

399.1 keV (n,n') Level  
Legendre Coefficients

72-Hf-171



69

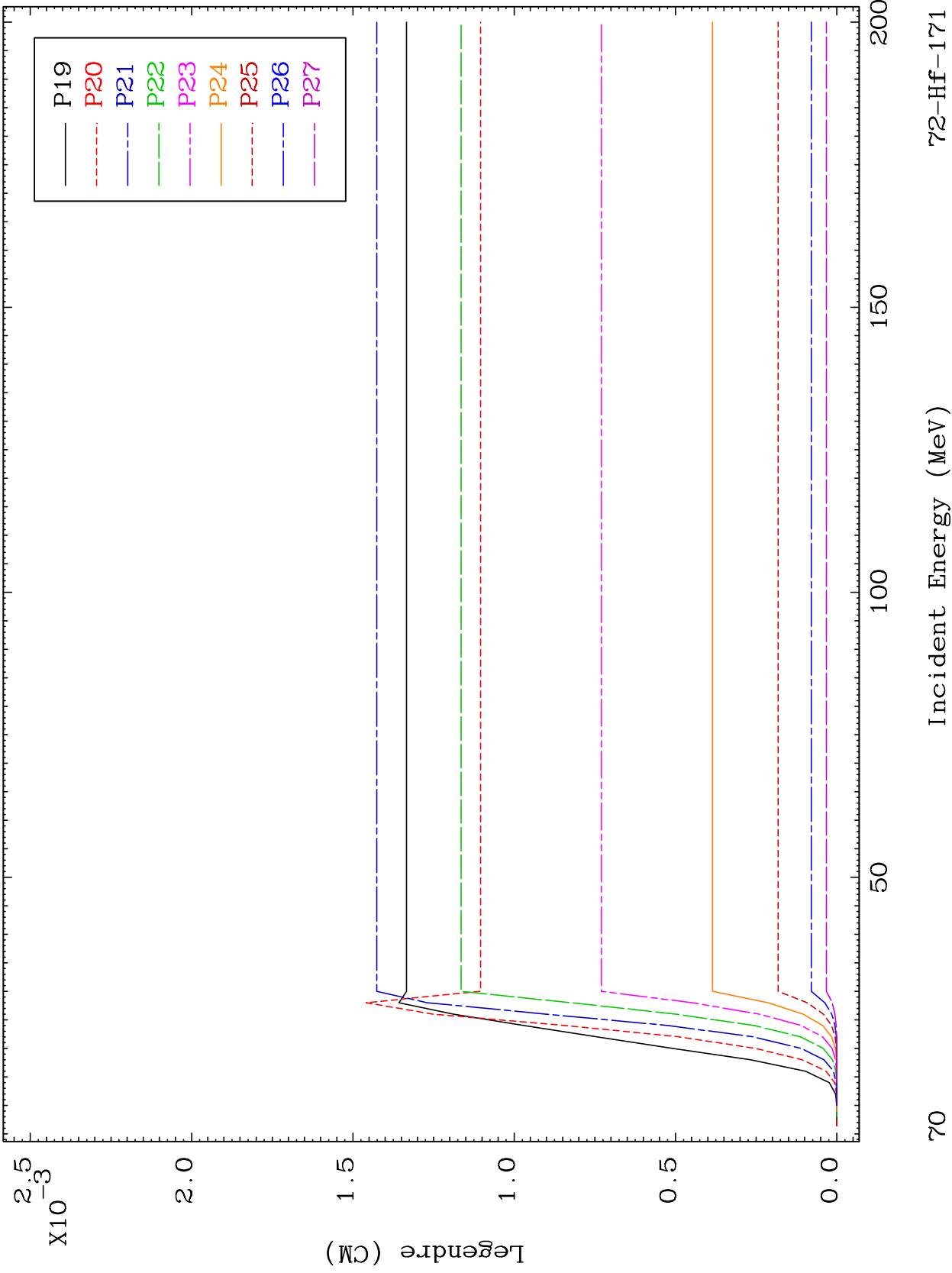
Incident Energy (MeV)

72-Hf-171

MAT 7216

399.1 keV (n,n') Level  
Legendre Coefficients

72-Hf-171



70

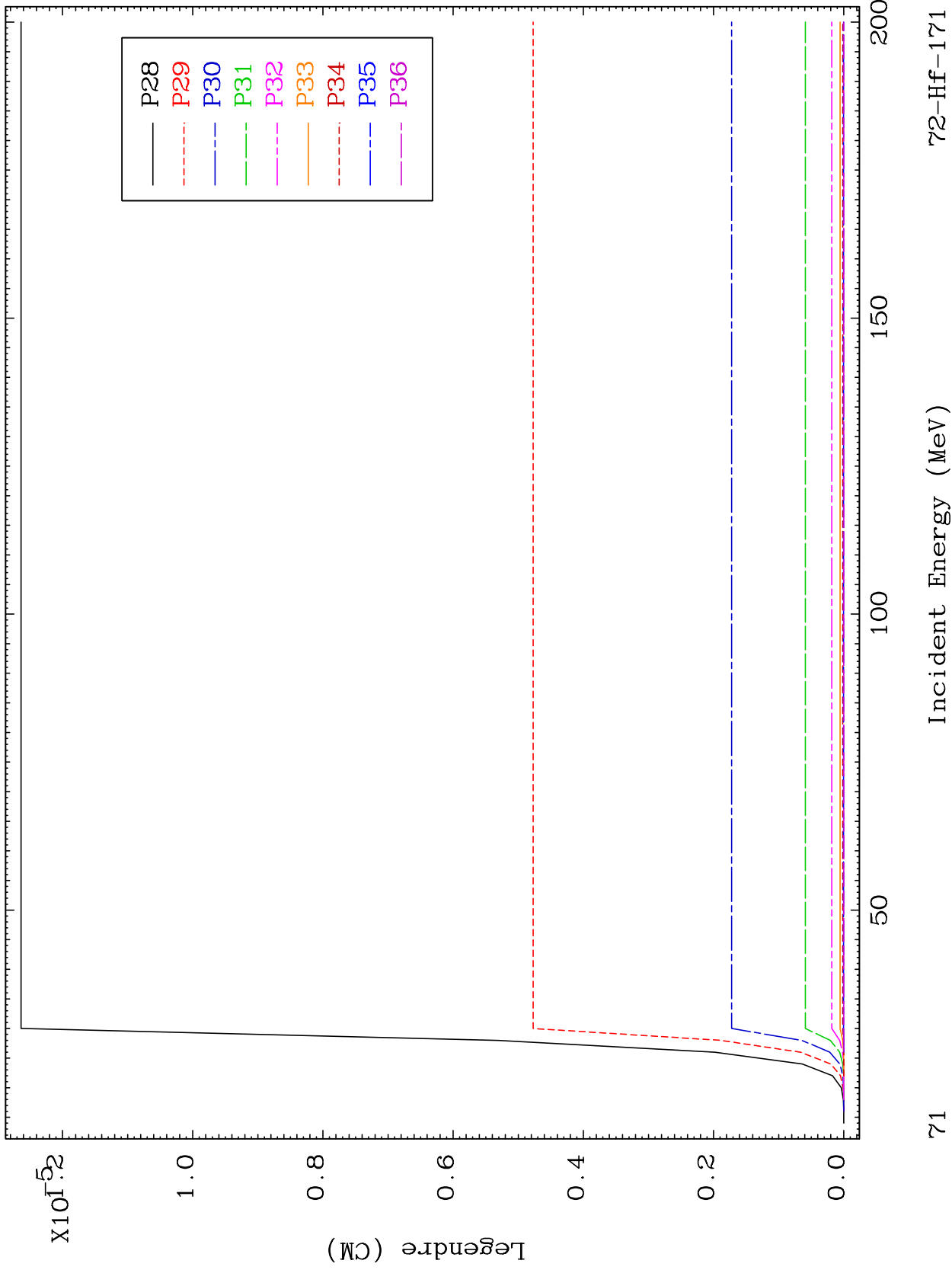
Incident Energy (MeV)

72-Hf-171

MAT 7216

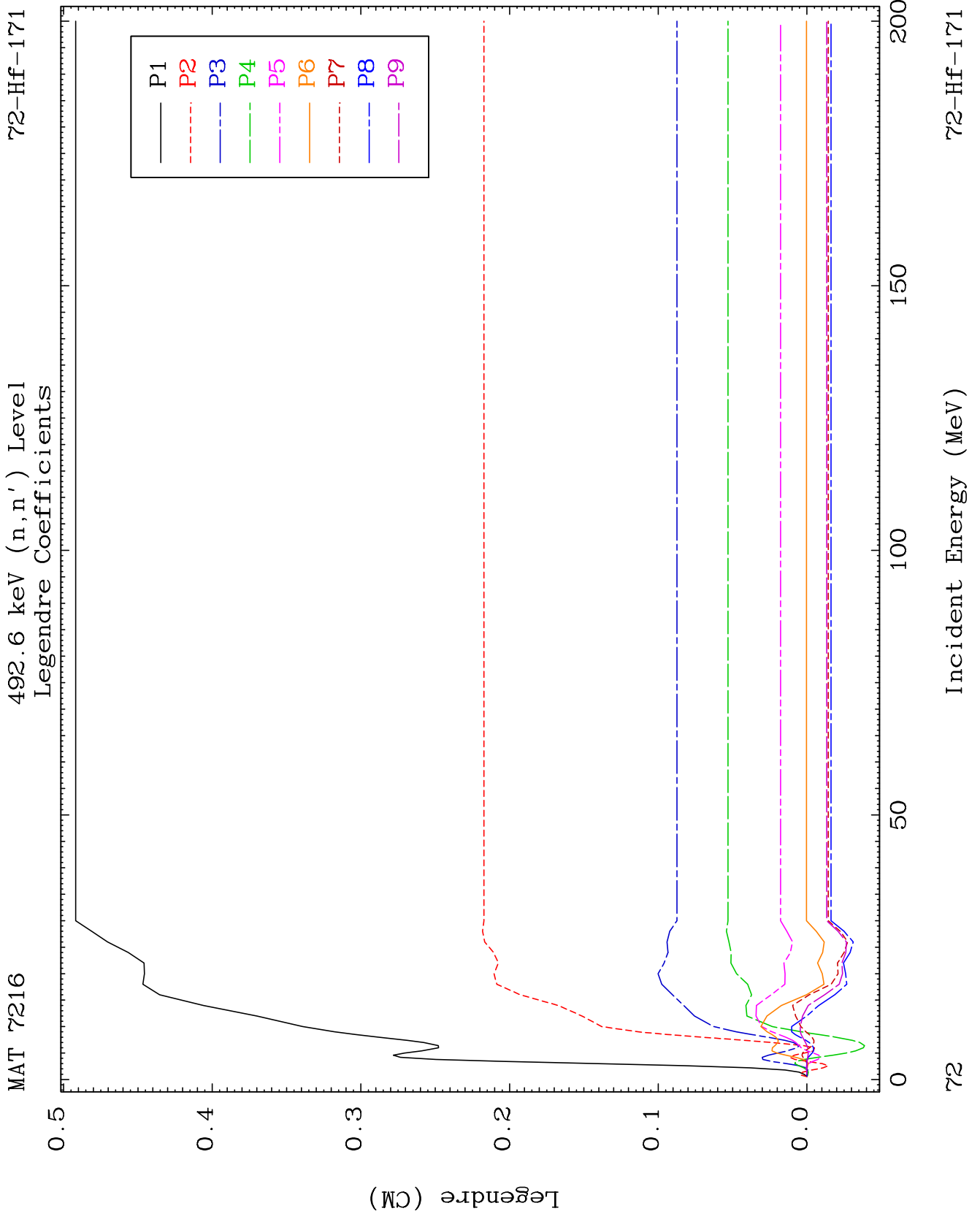
399.1 keV (n,n') Level  
Legendre Coefficients

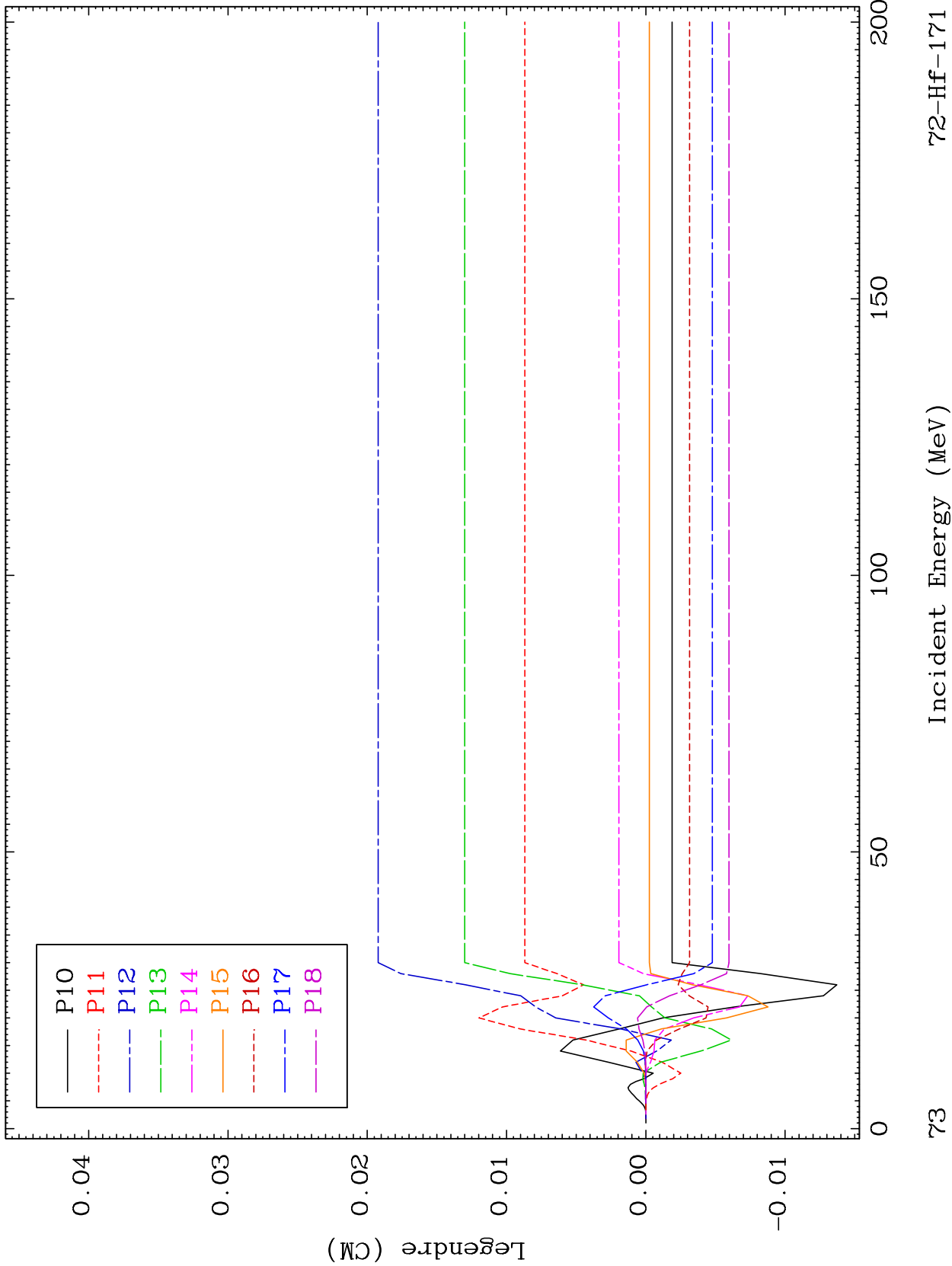
72-Hf-171

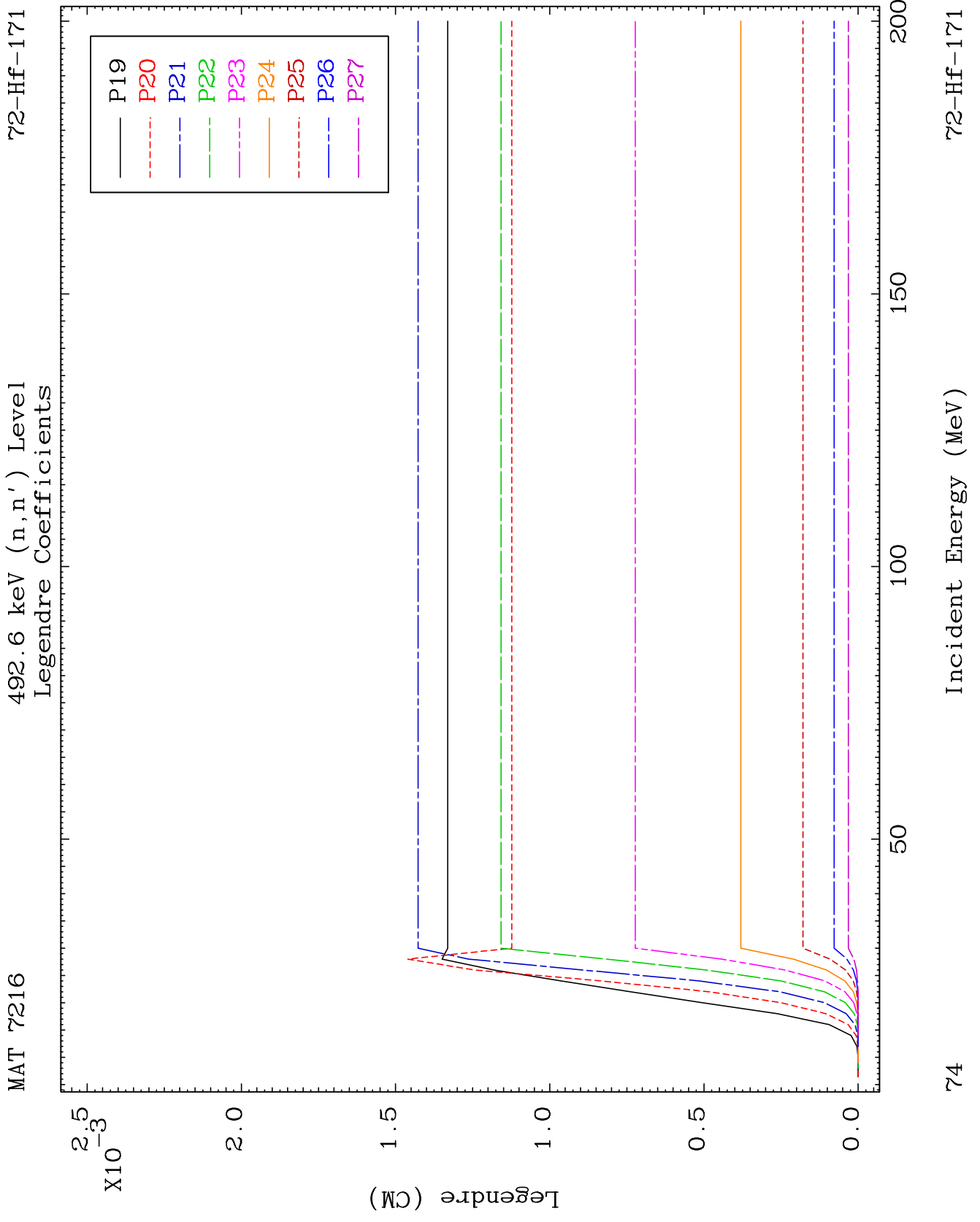


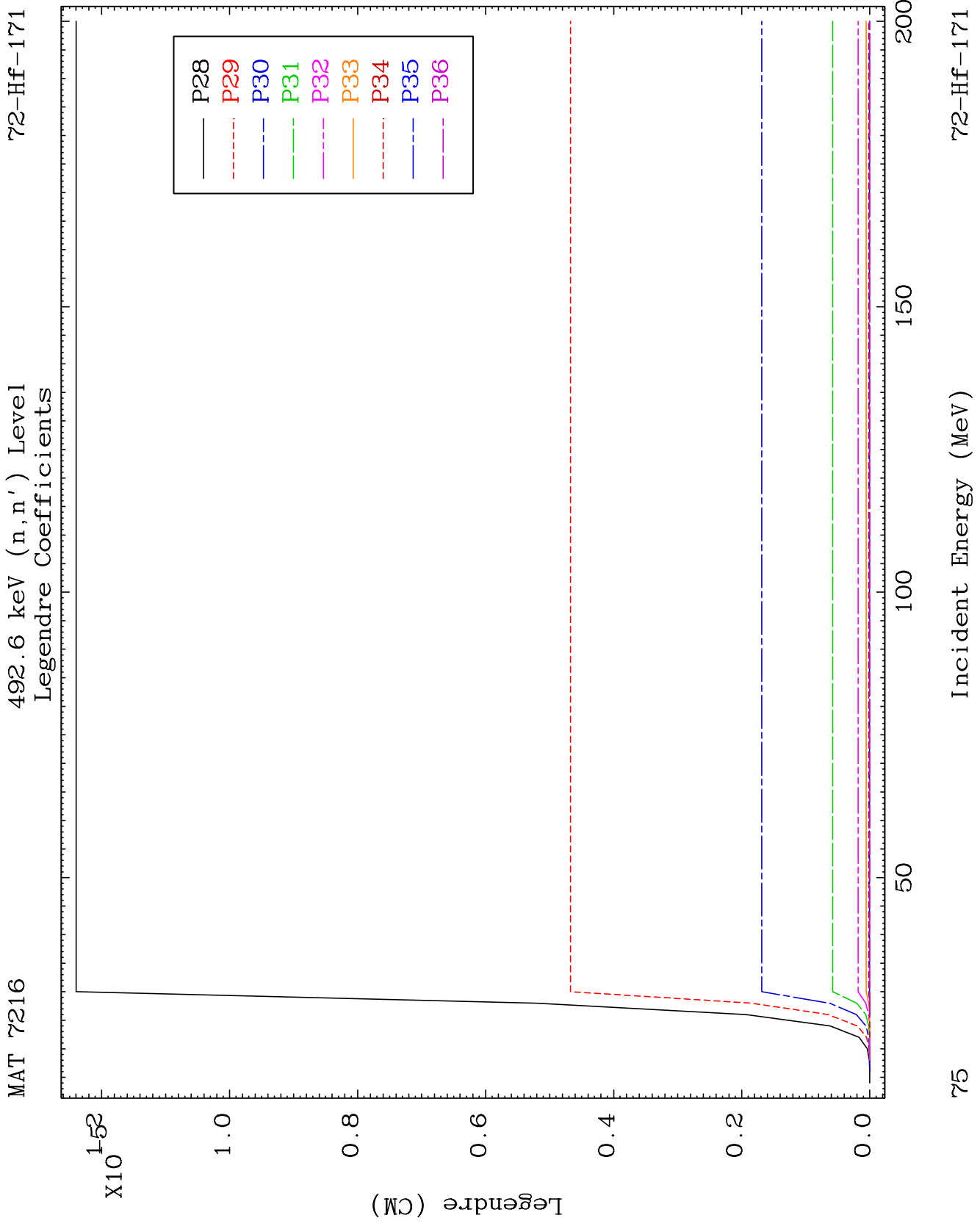
71







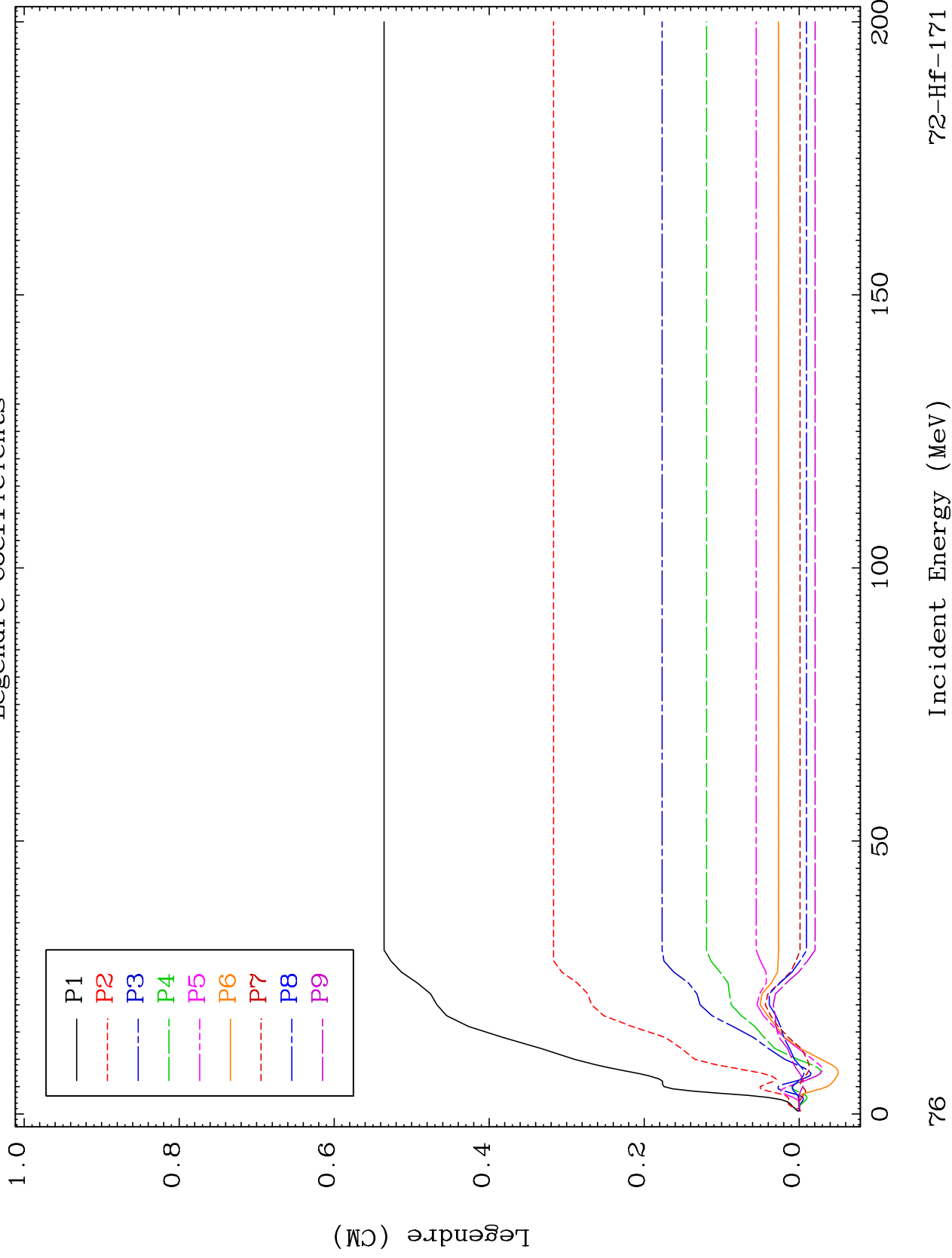




MAT 7216

494.2 keV (n,n') Level  
Legendre Coefficients

72-Hf-171



76

Incident Energy (MeV)

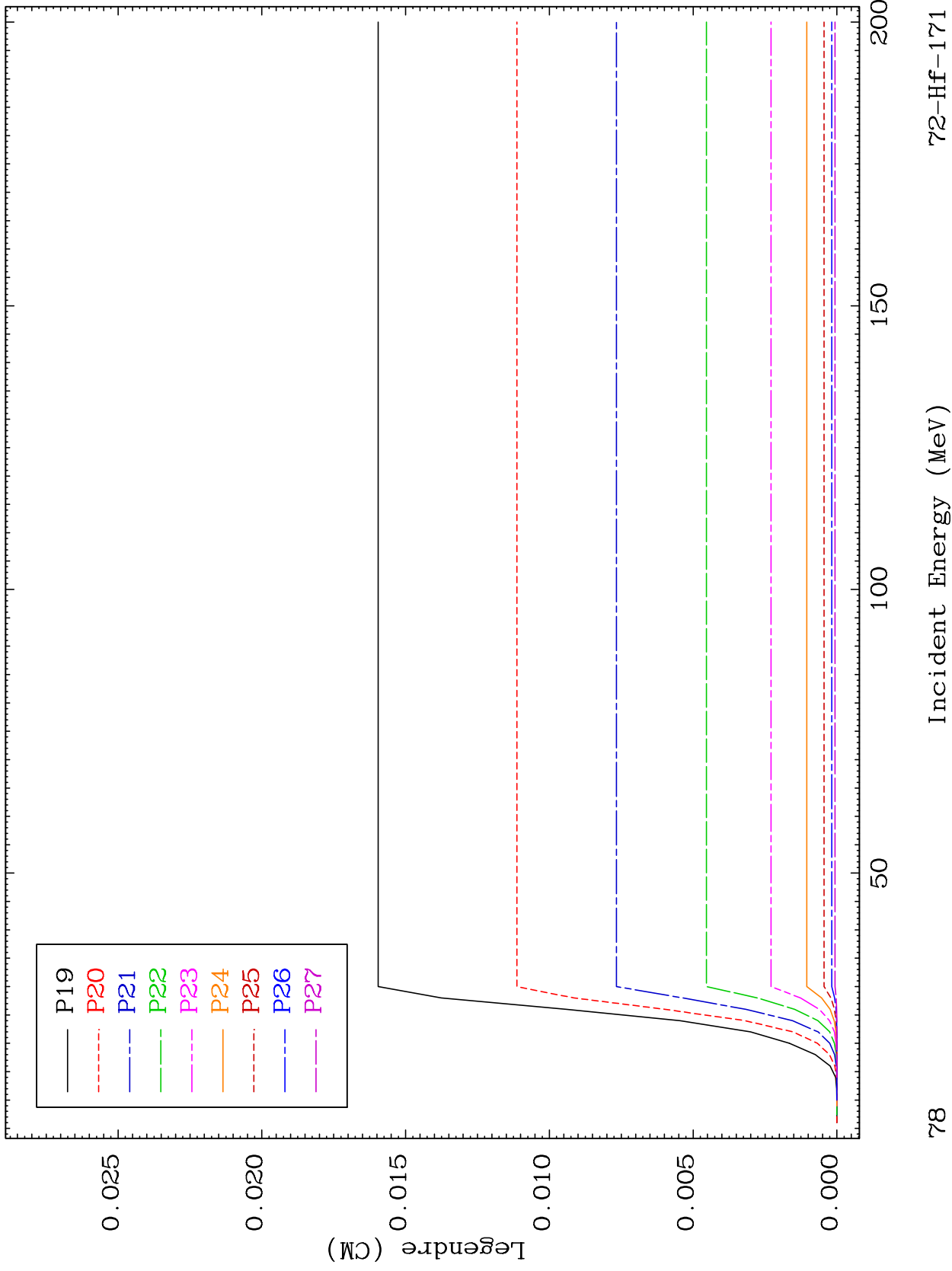
72-Hf-171



MAT 7216

494.2 keV (n,n') Level  
Legendre Coefficients

72-Hf-171



78

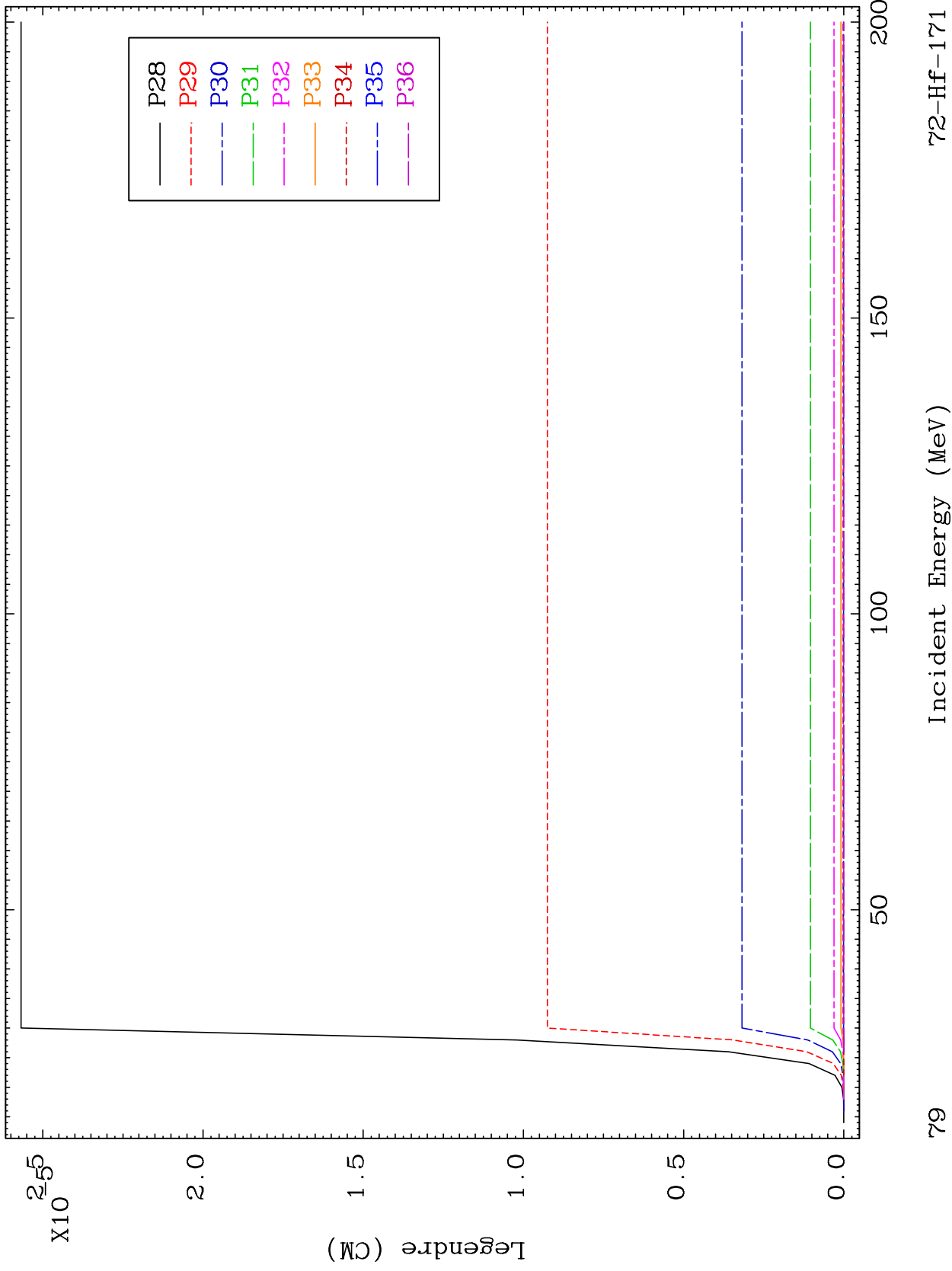
Incident Energy (MeV)

72-Hf-171

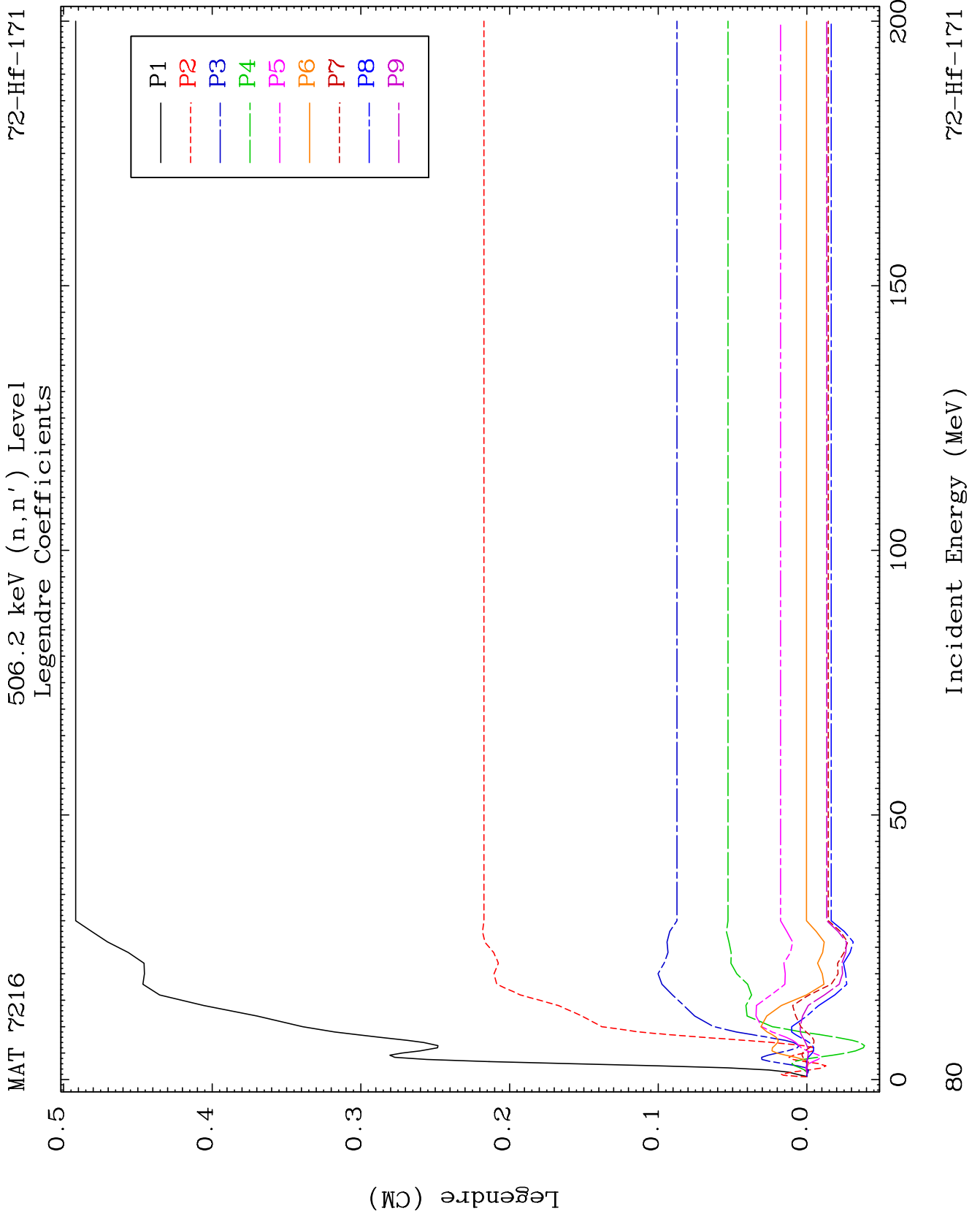
MAT 7216

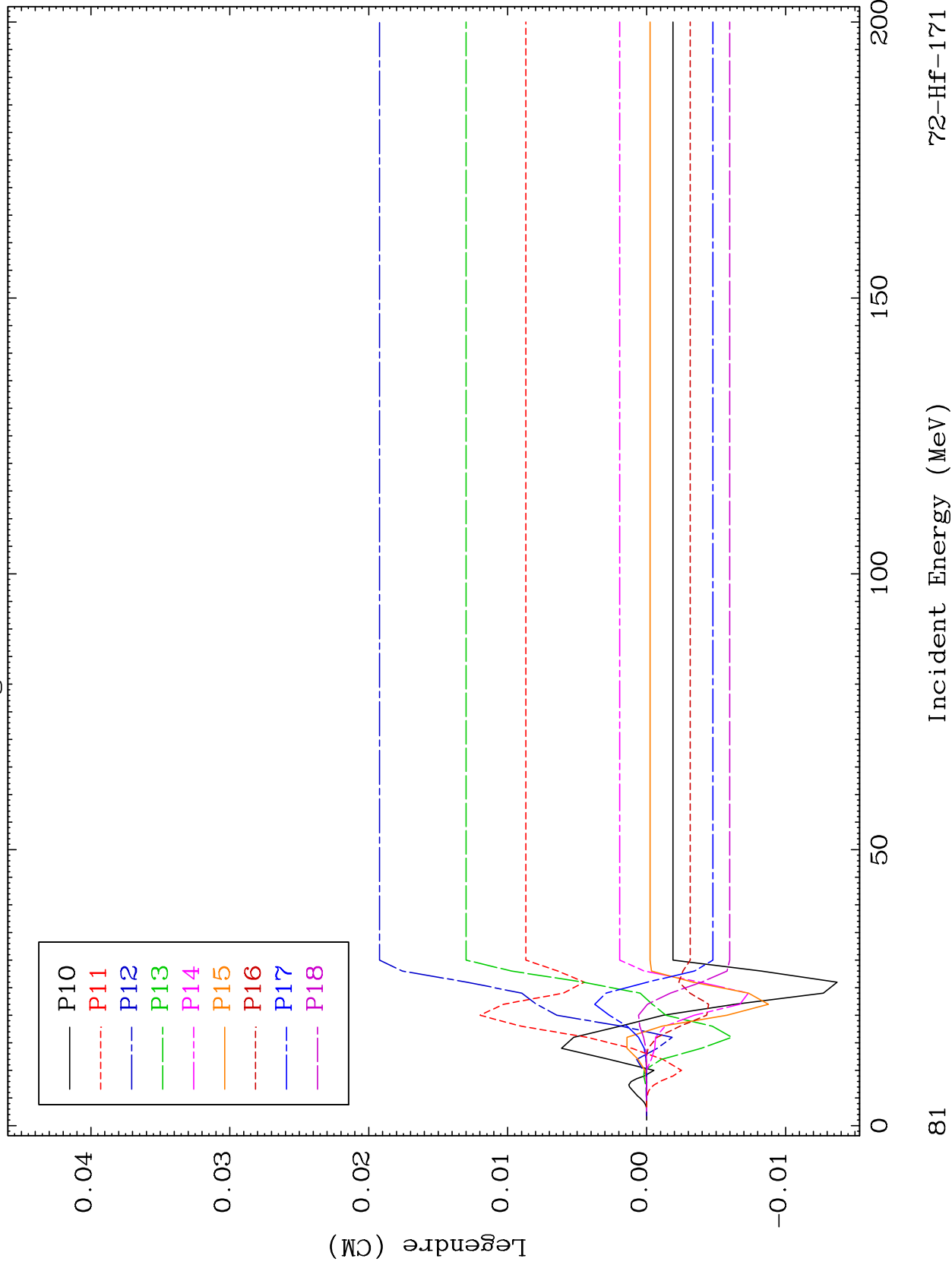
494.2 keV (n, n') Level  
Legendre Coefficients

72-Hf-171

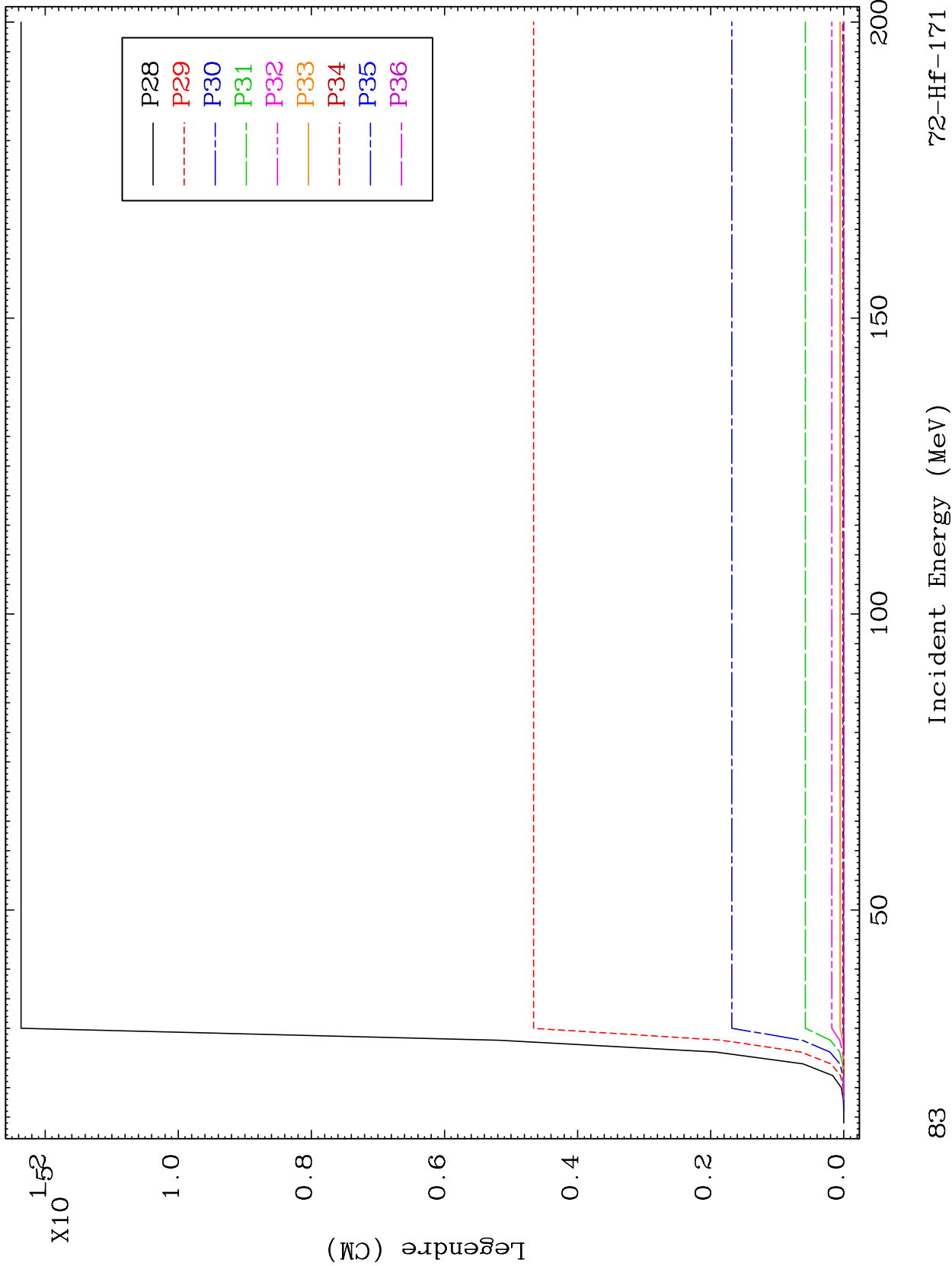


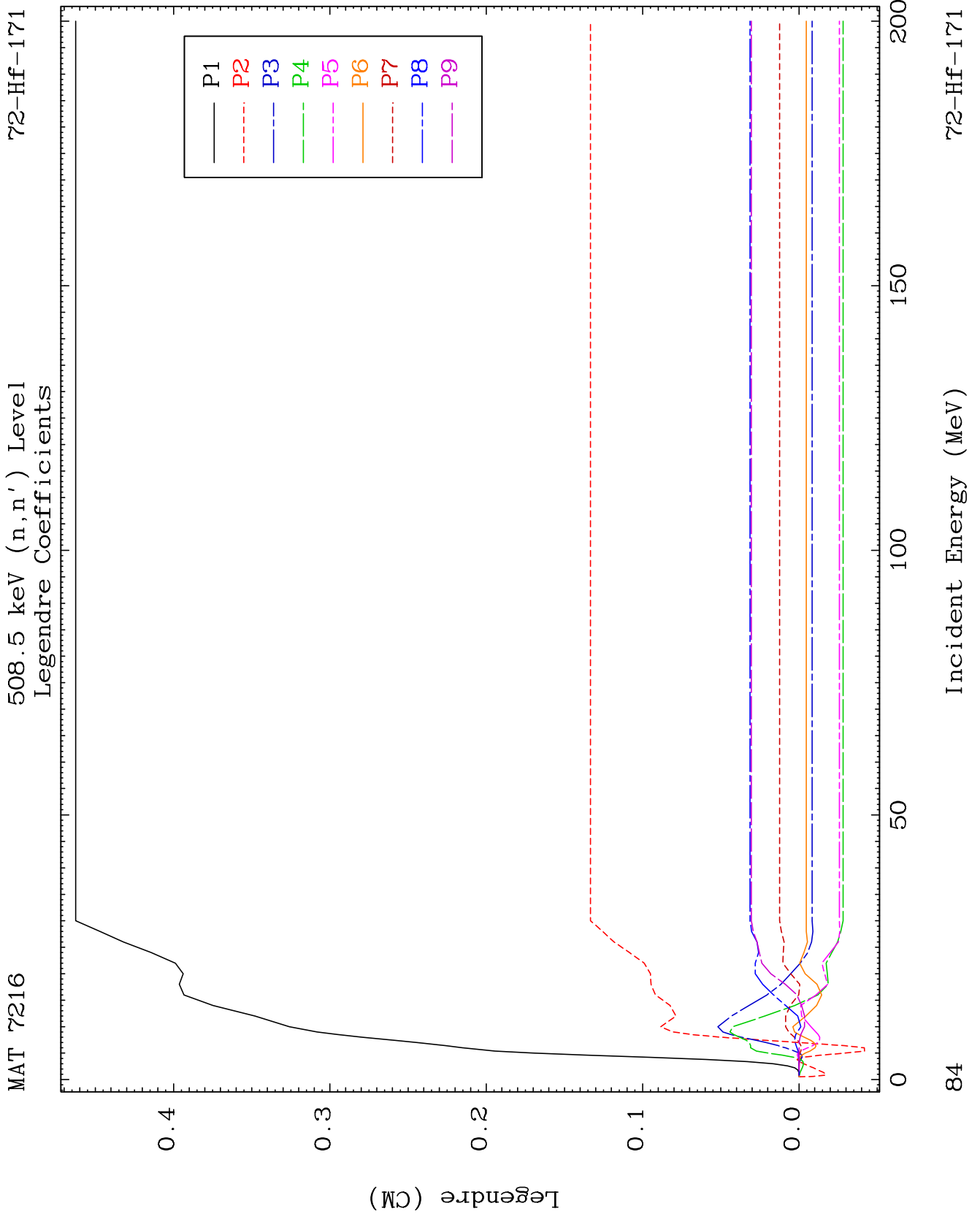








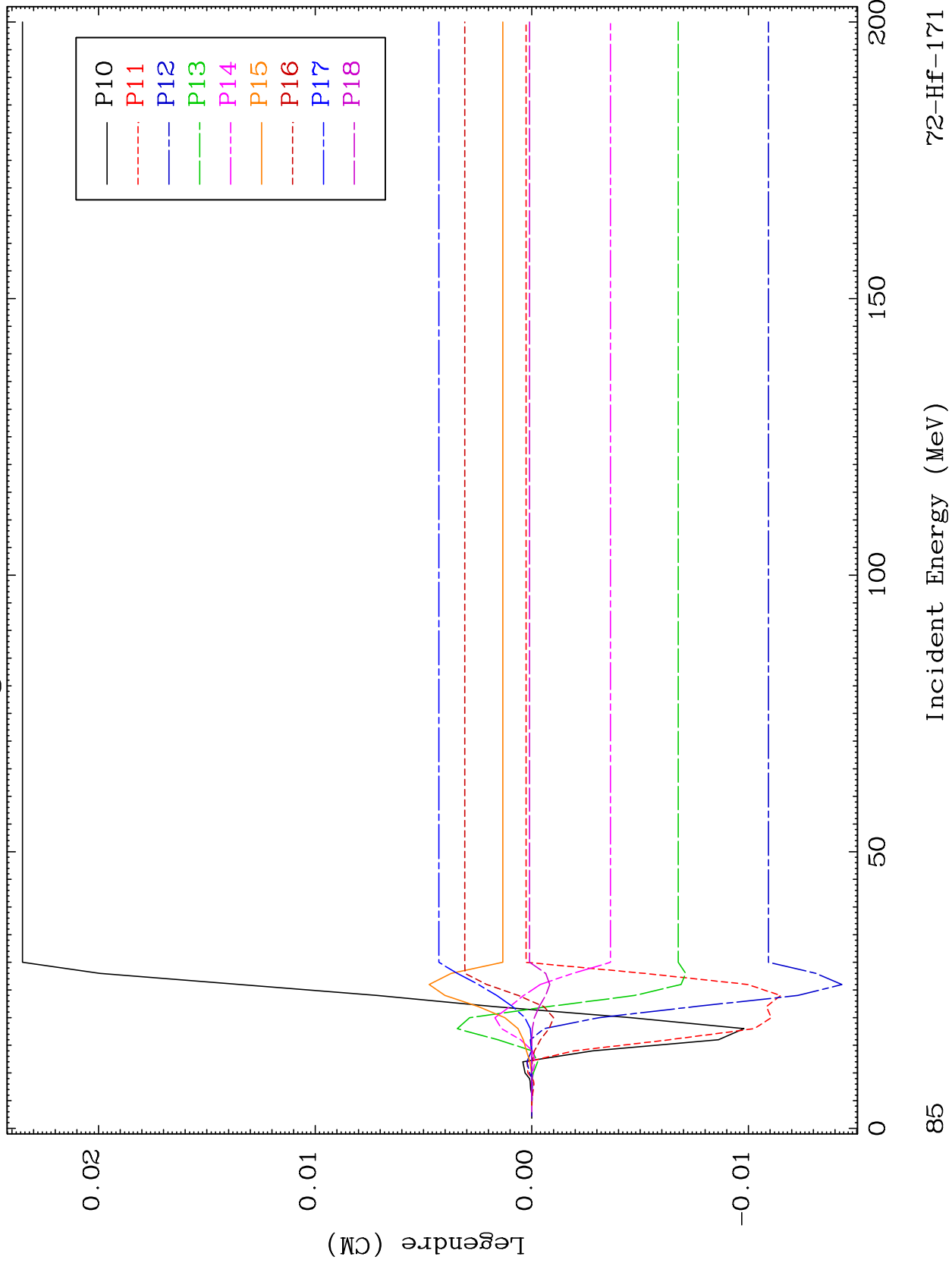




MAT 7216

508.5 keV (n,n') Level  
Legendre Coefficients

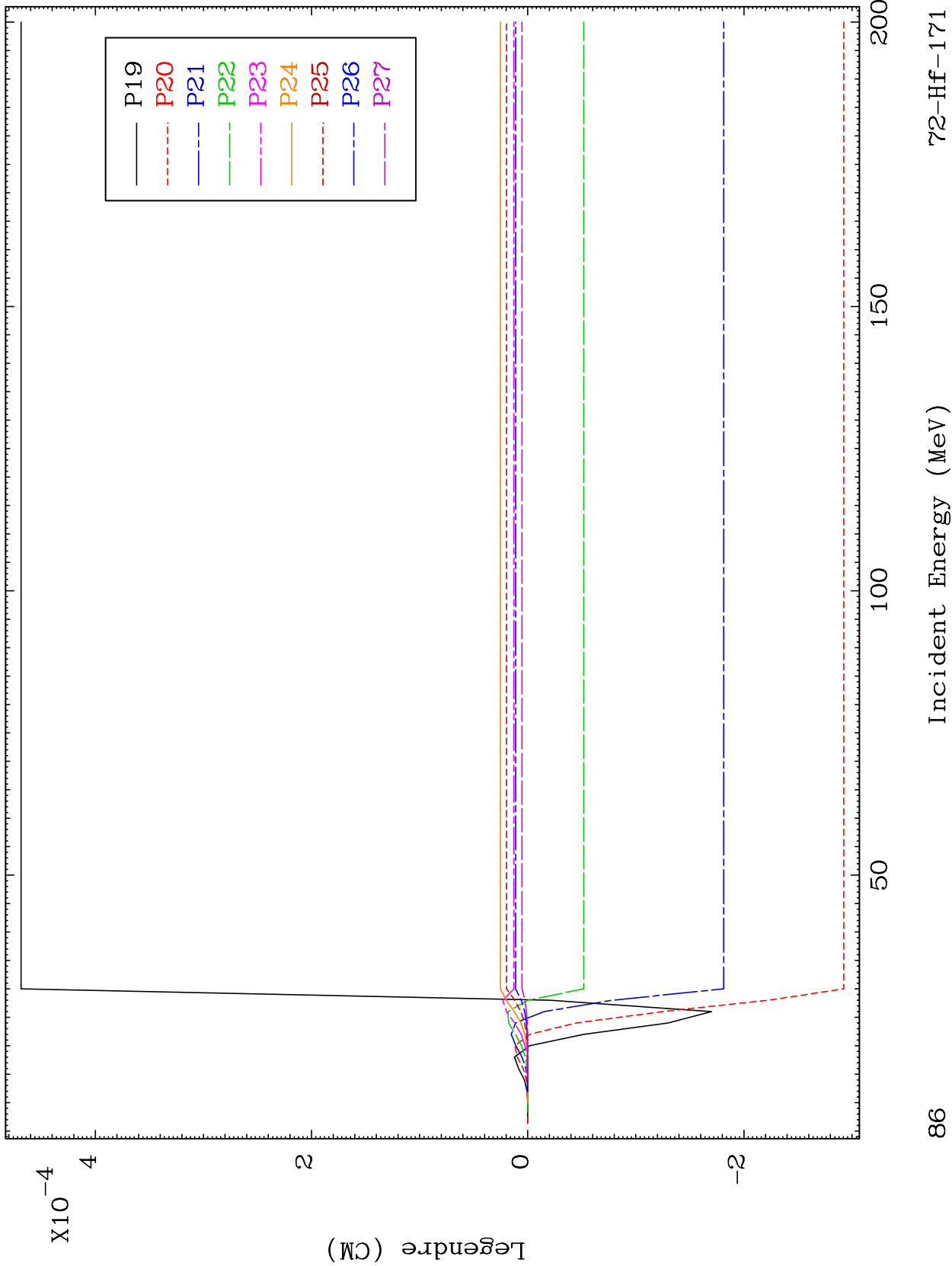
72-Hf-171

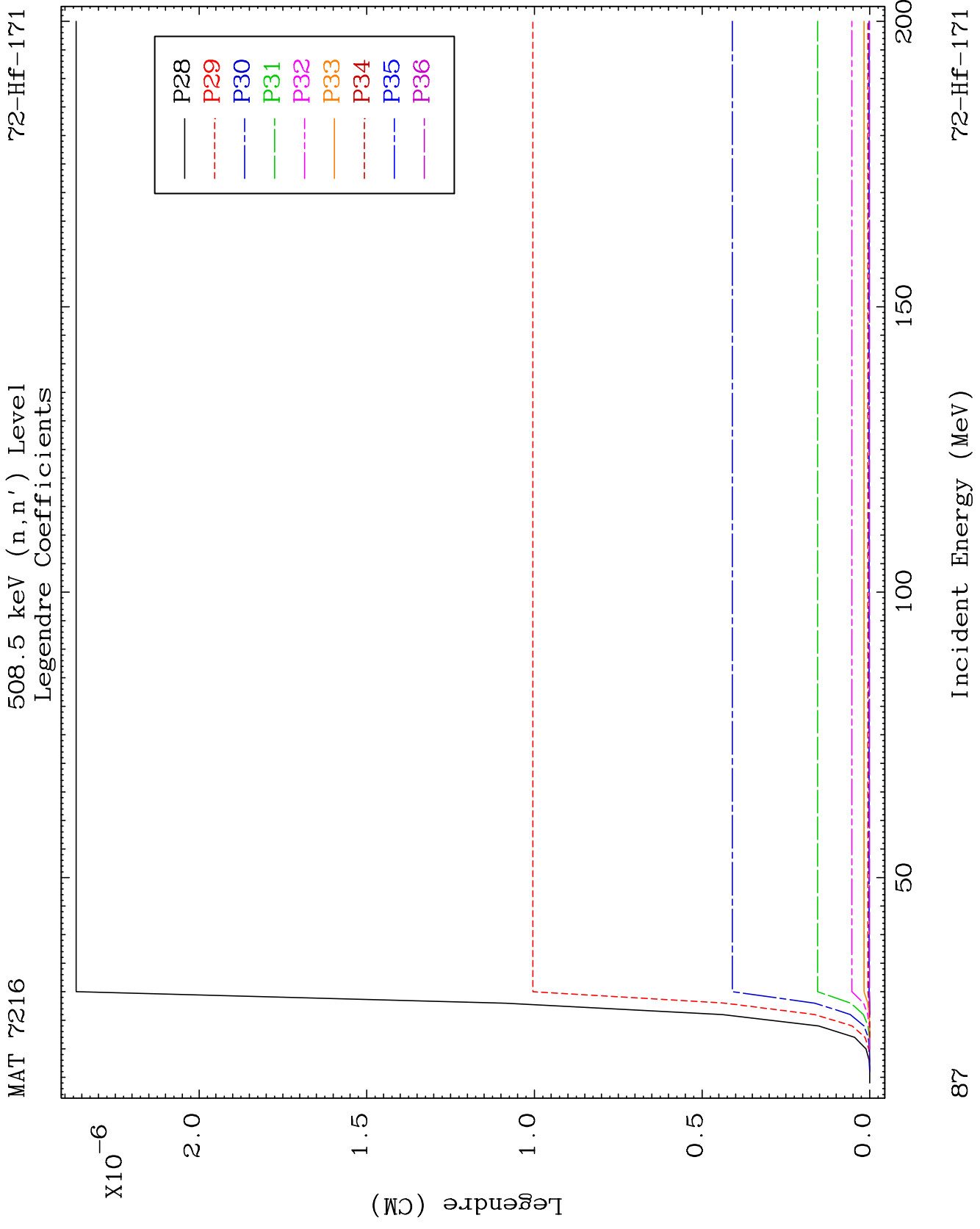


72-Hf-171

Incident Energy (MeV)

85



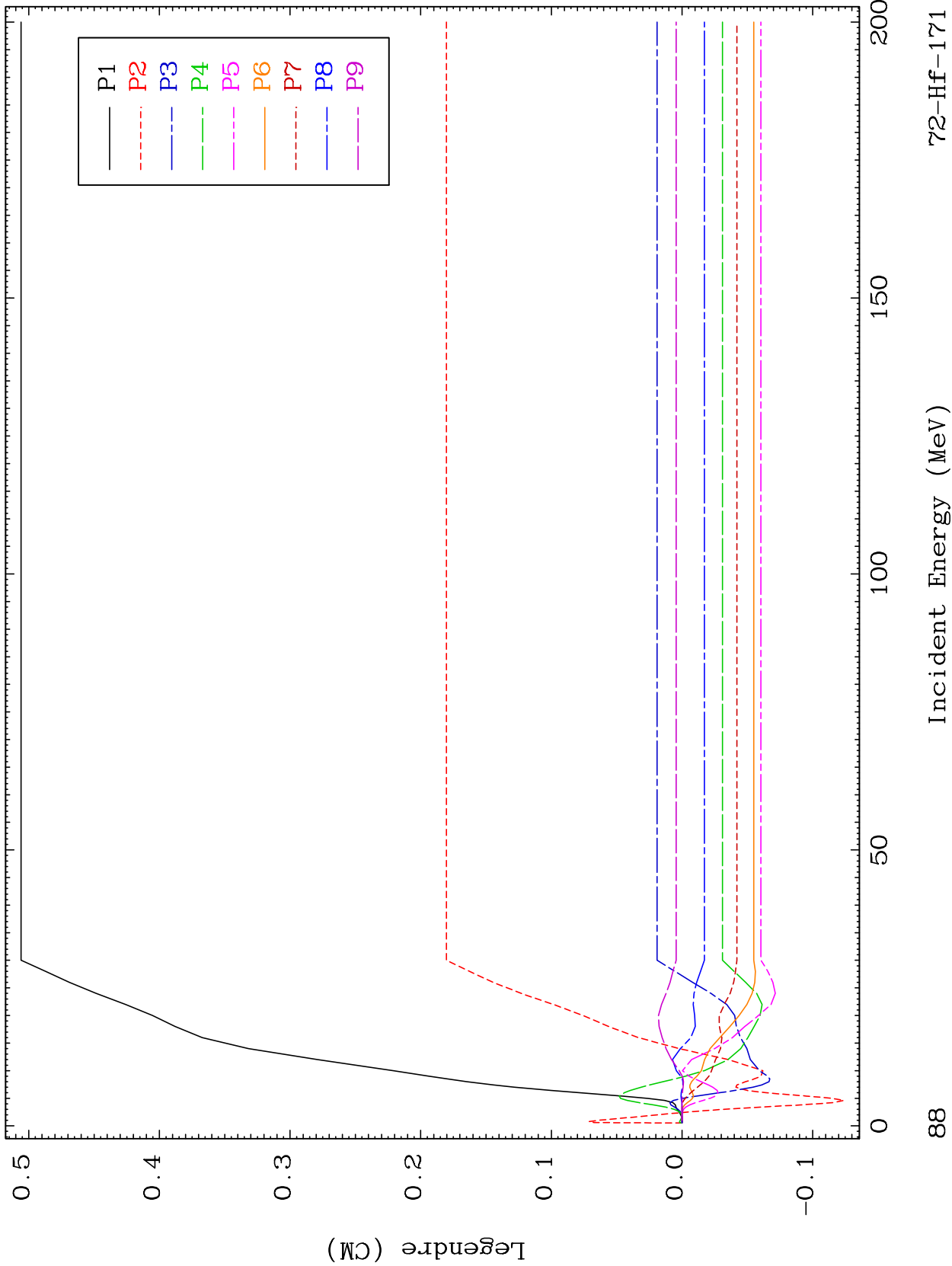




MAT 7216

511.9 keV (n,n') Level  
Legendre Coefficients

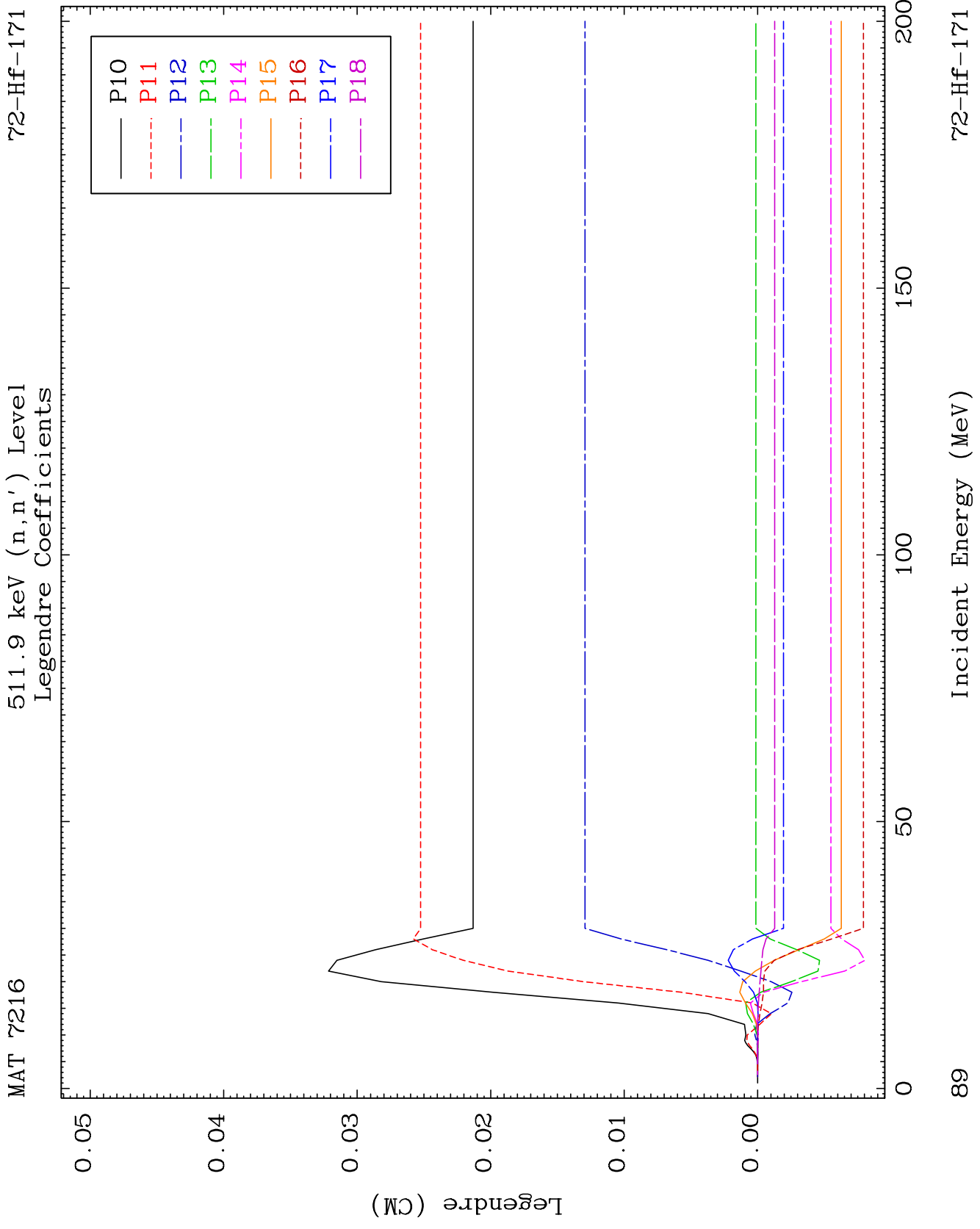
72-Hf-171

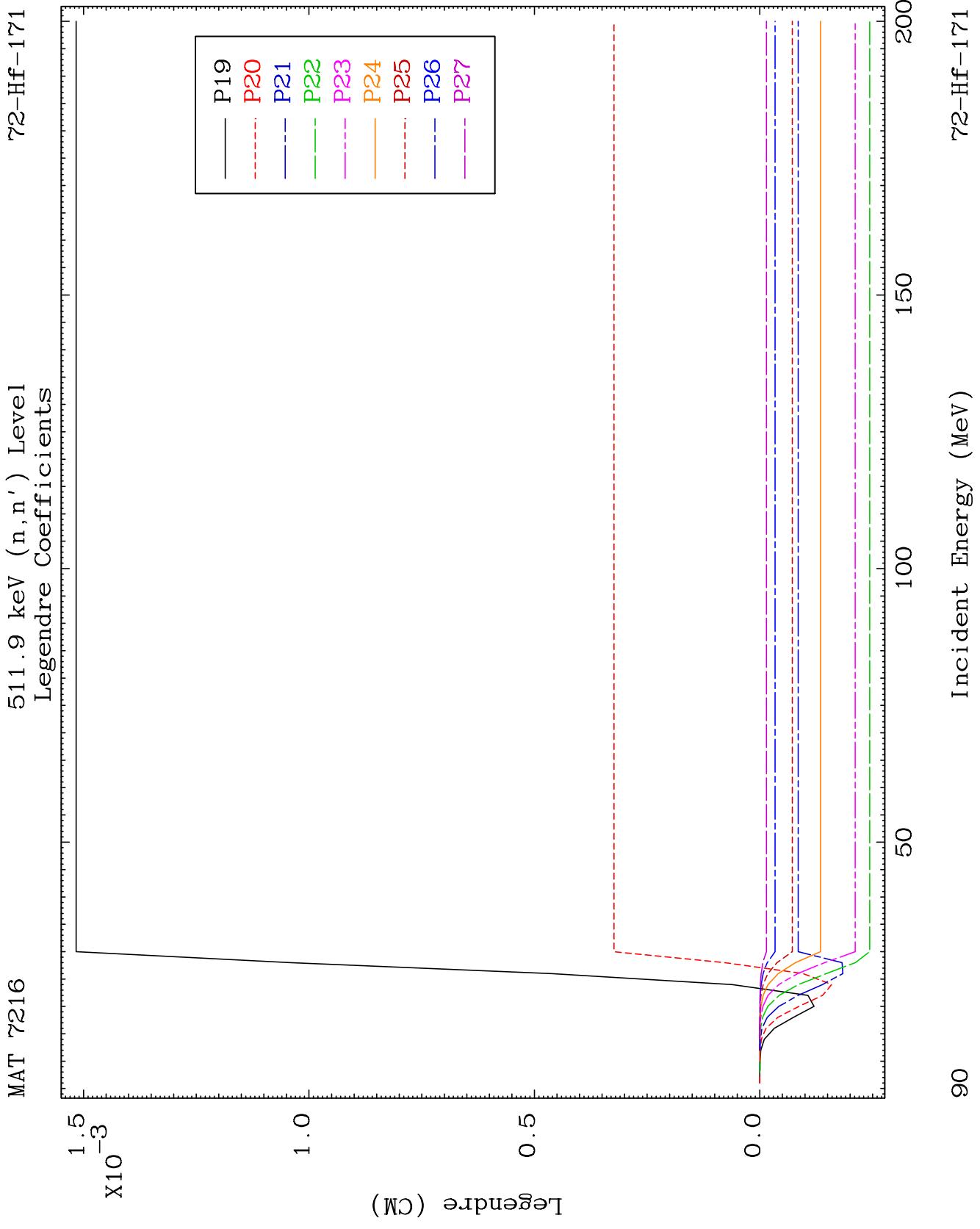


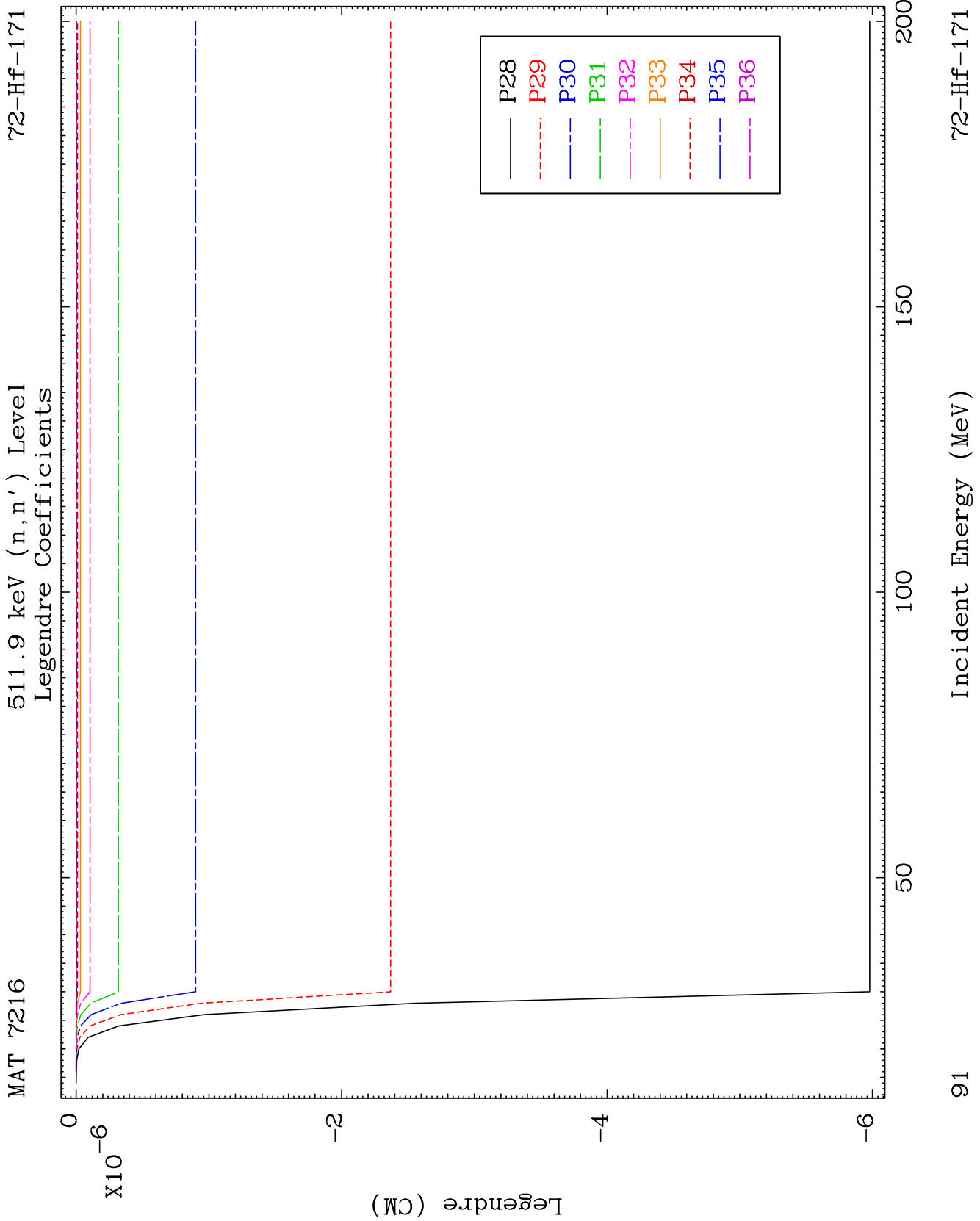
88

Incident Energy (MeV)

72-Hf-171



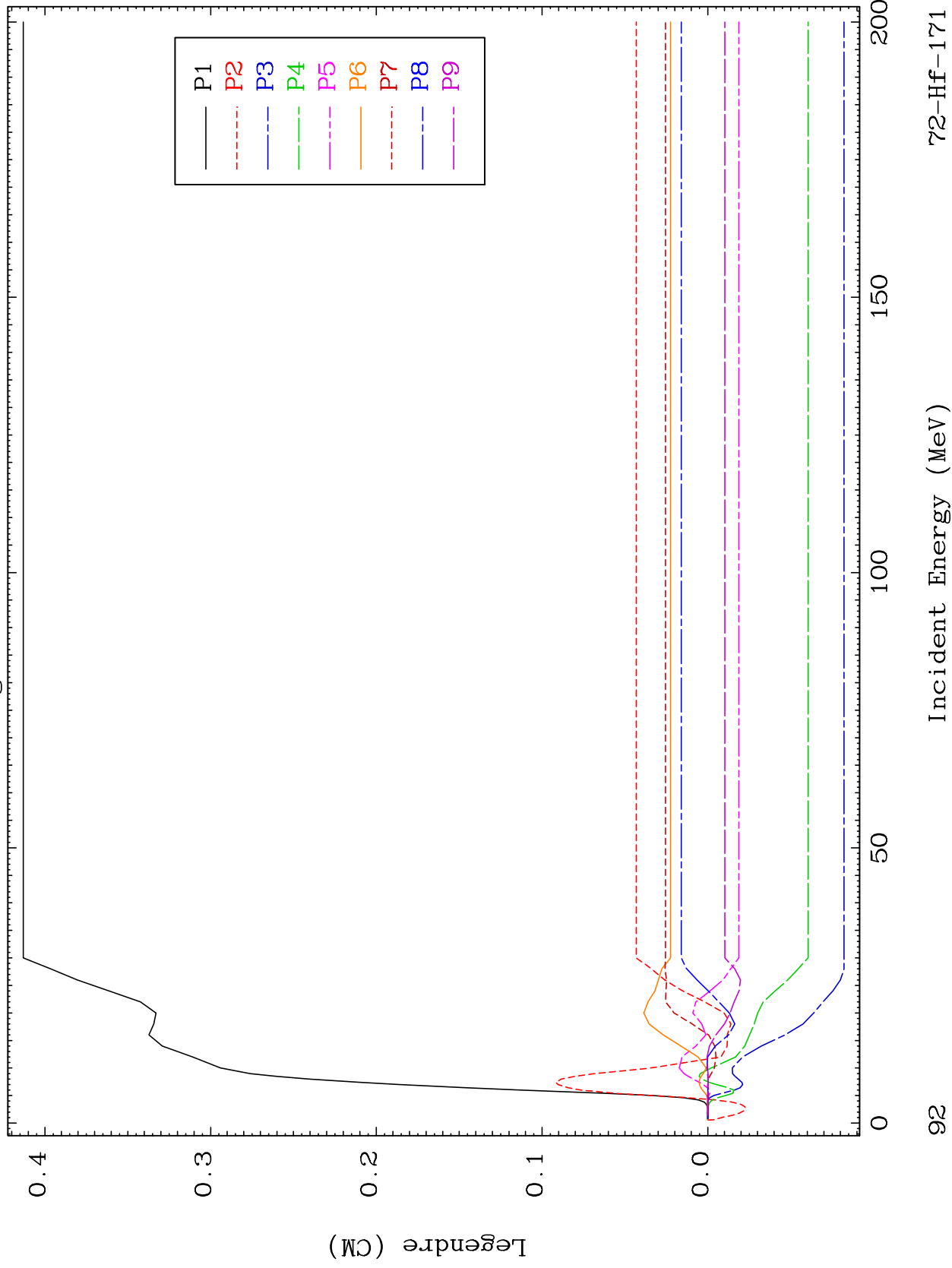




MAT 7216

537.3 keV (n,n') Level  
Legendre Coefficients

72-Hf-171



92

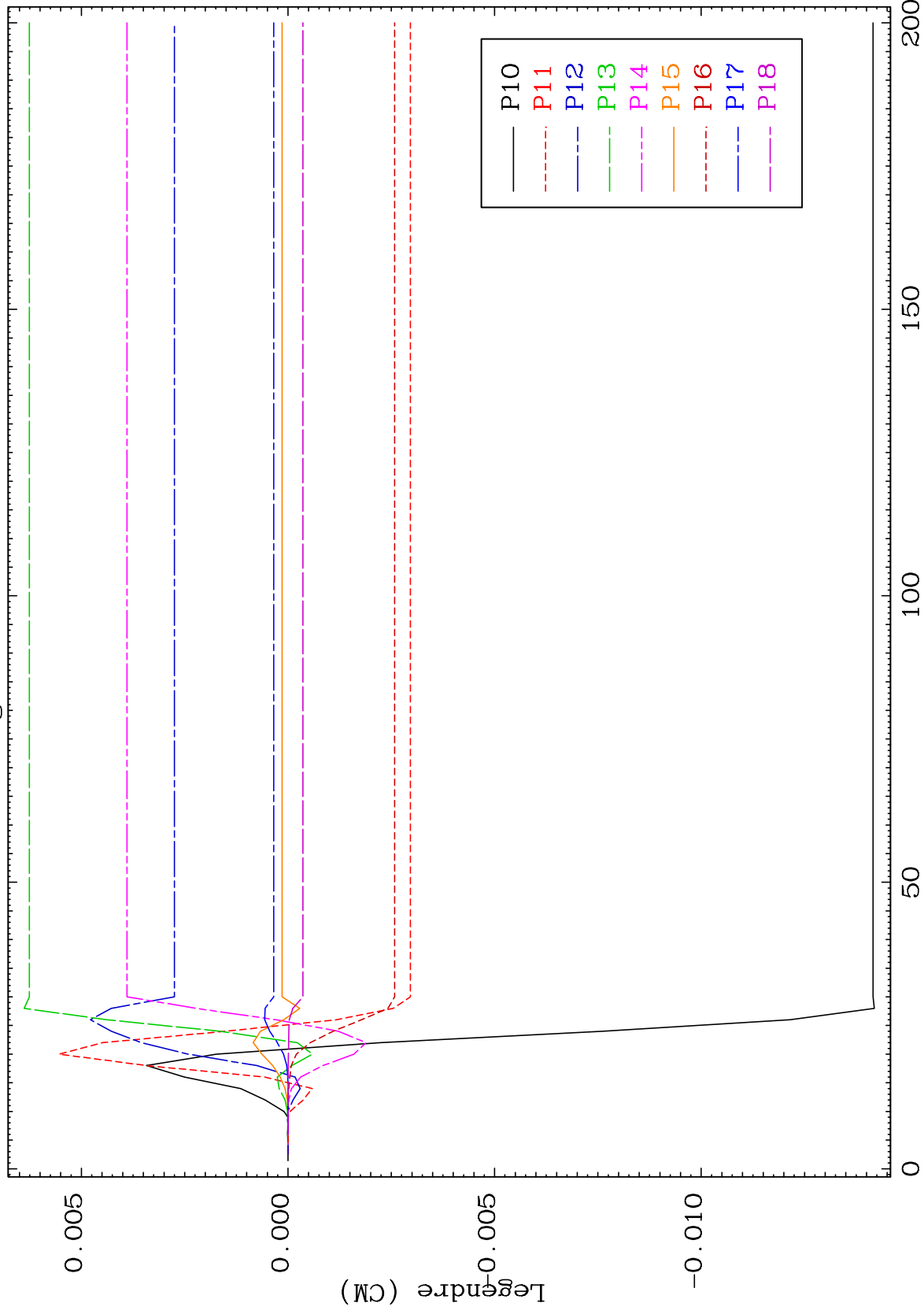
Incident Energy (MeV)

72-Hf-171

MAT 7216

537.3 keV (n,n') Level  
Legendre Coefficients

72-Hf-171



93

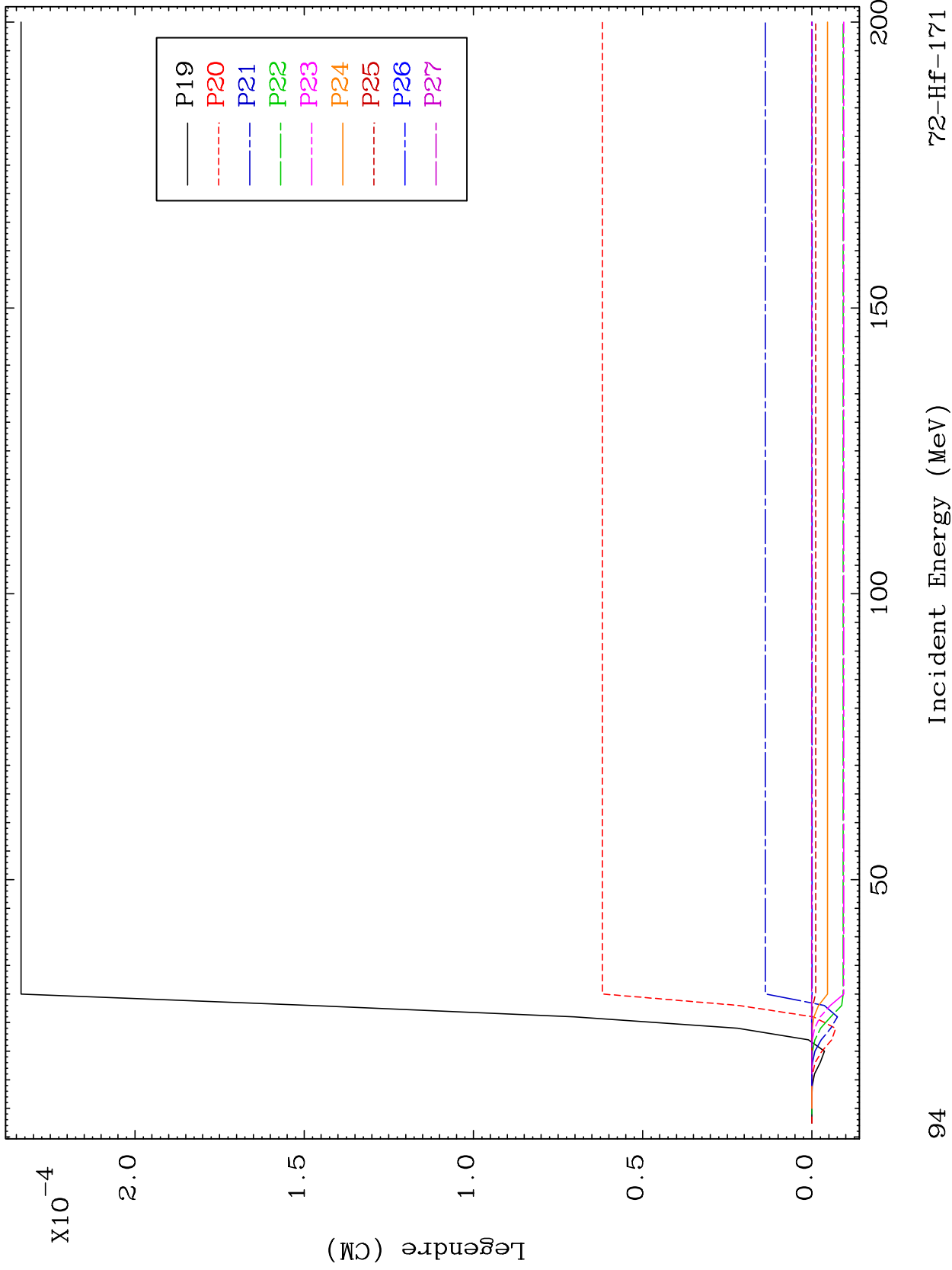
Incident Energy (MeV)

72-Hf-171

MAT 7216

537.3 keV (n,n') Level  
Legendre Coefficients

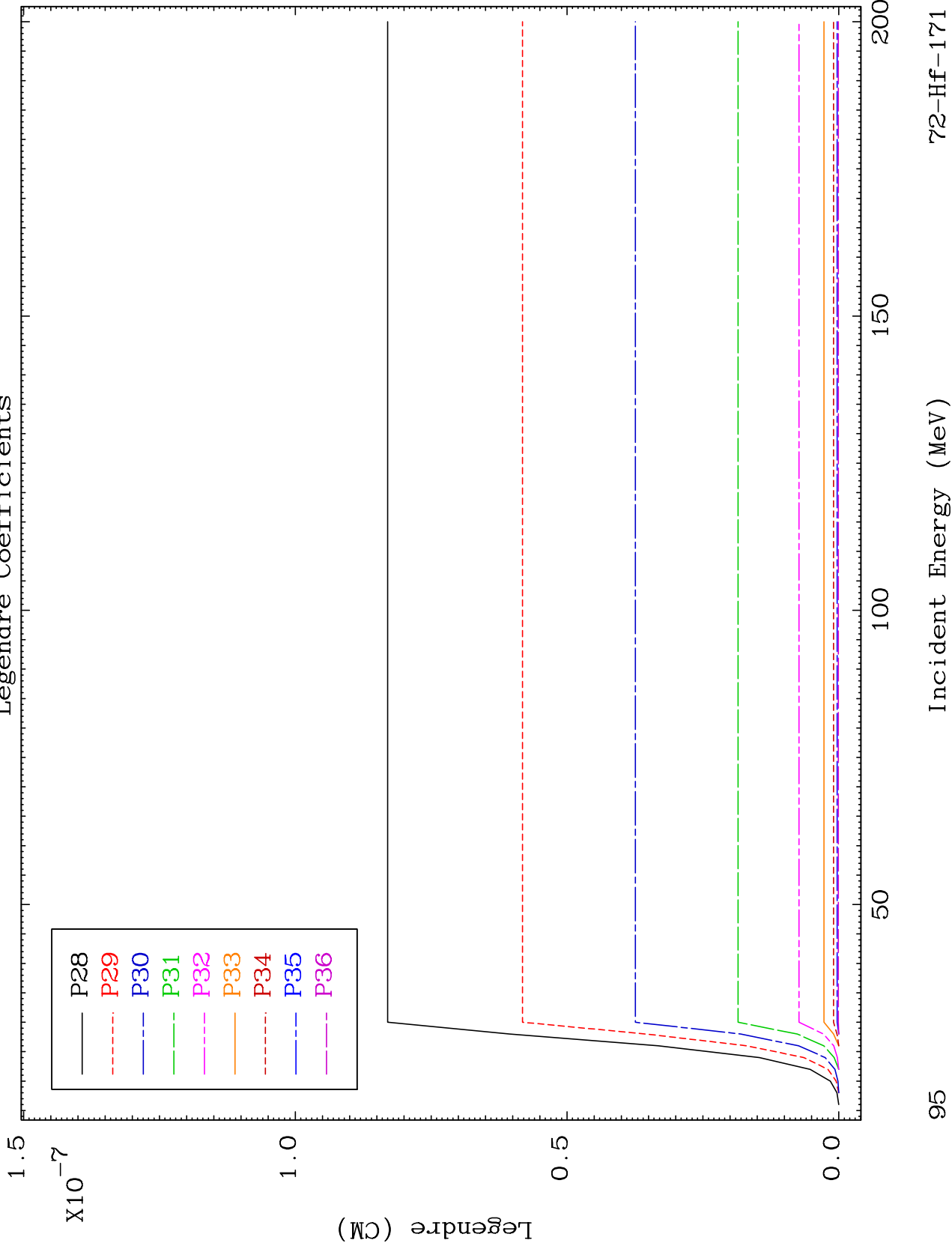
72-Hf-171



MAT 7216

537.3 keV (n,n') Level  
Legendre Coefficients

72-Hf-171



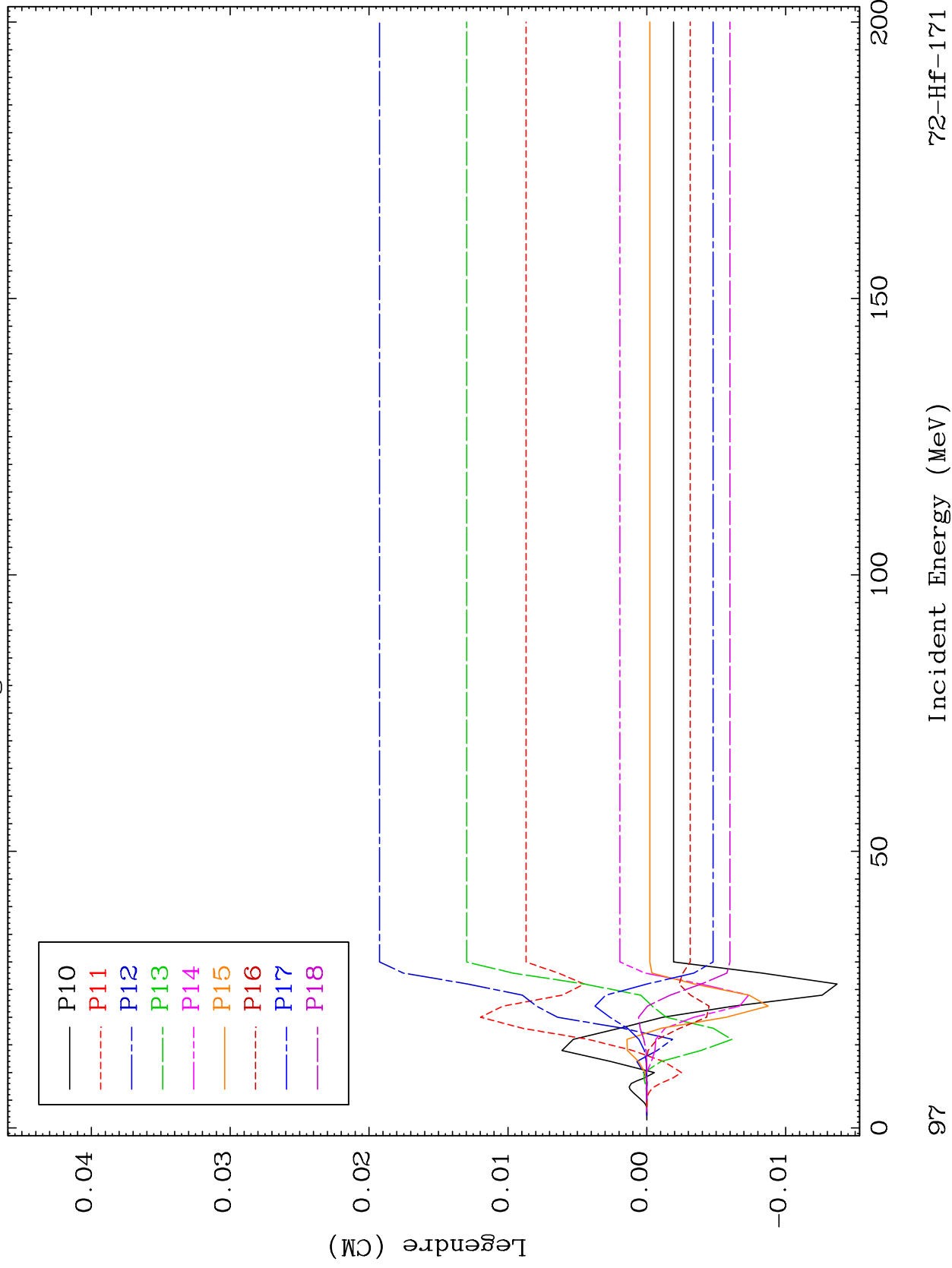




MAT 7216

554.6 keV (n,n') Level  
Legendre Coefficients

72-Hf-171



97

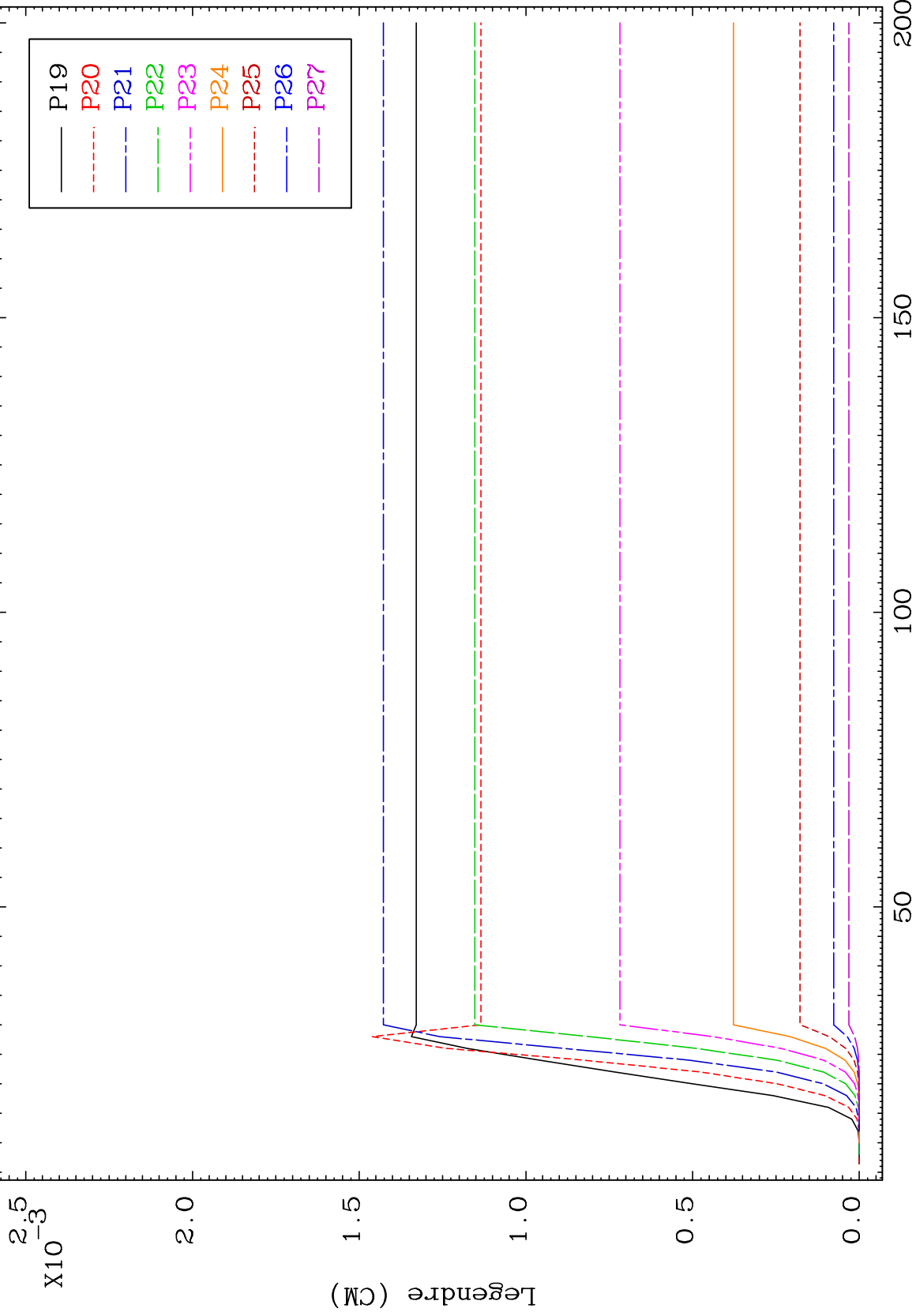
Incident Energy (MeV)

72-Hf-171

MAT 7216

554.6 keV (n,n') Level  
Legendre Coefficients

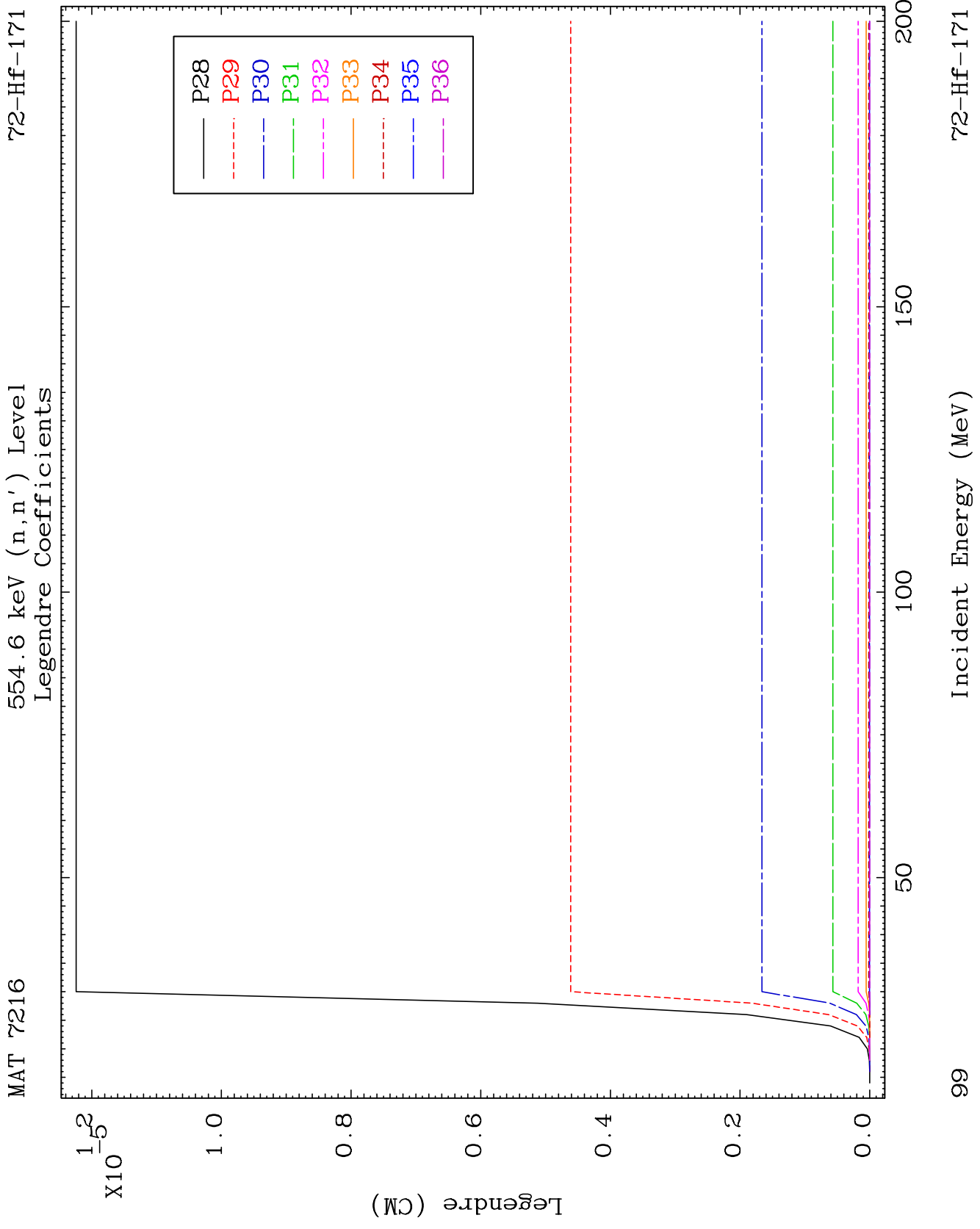
72-Hf-171

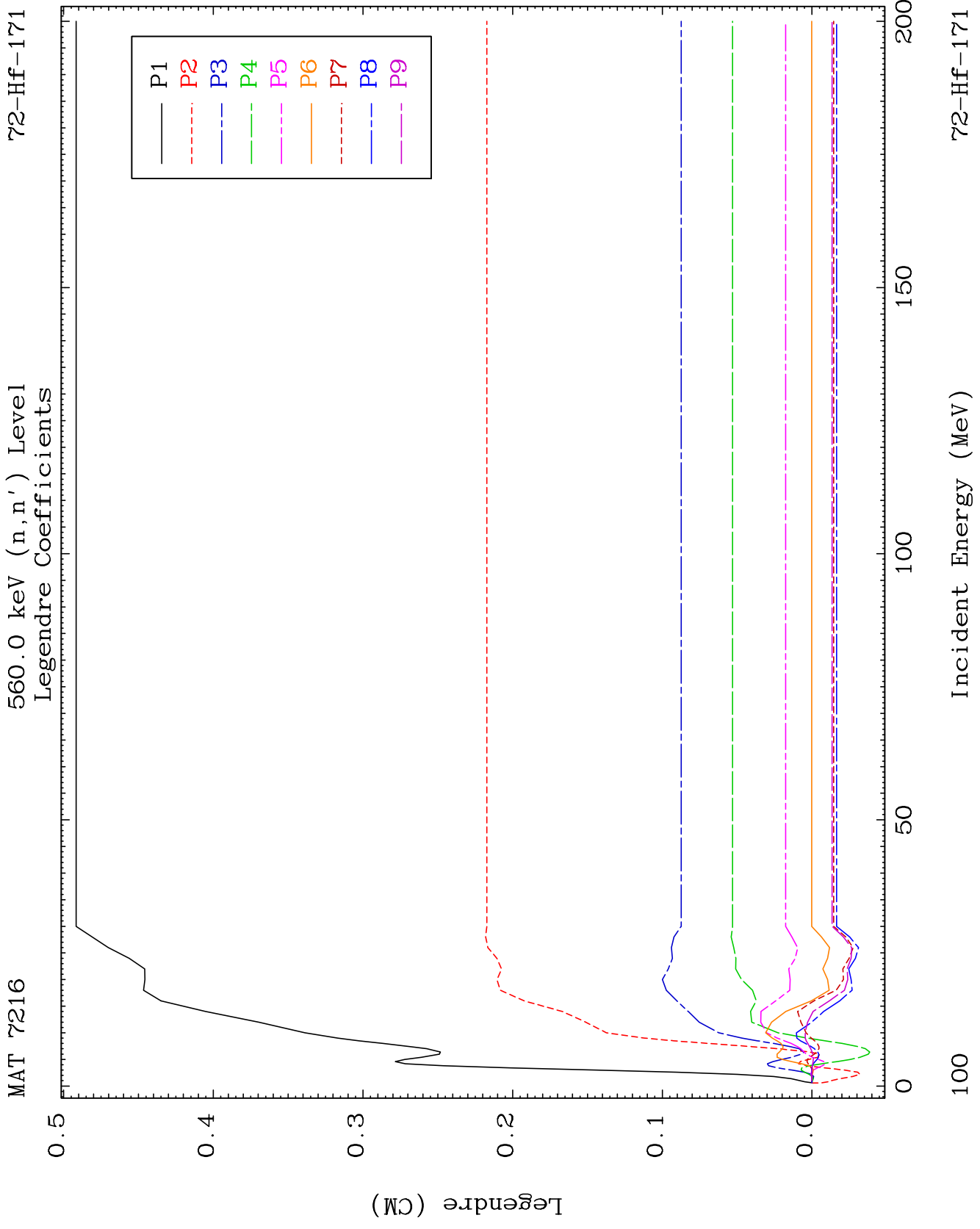


98

Incident Energy (MeV)

72-Hf-171

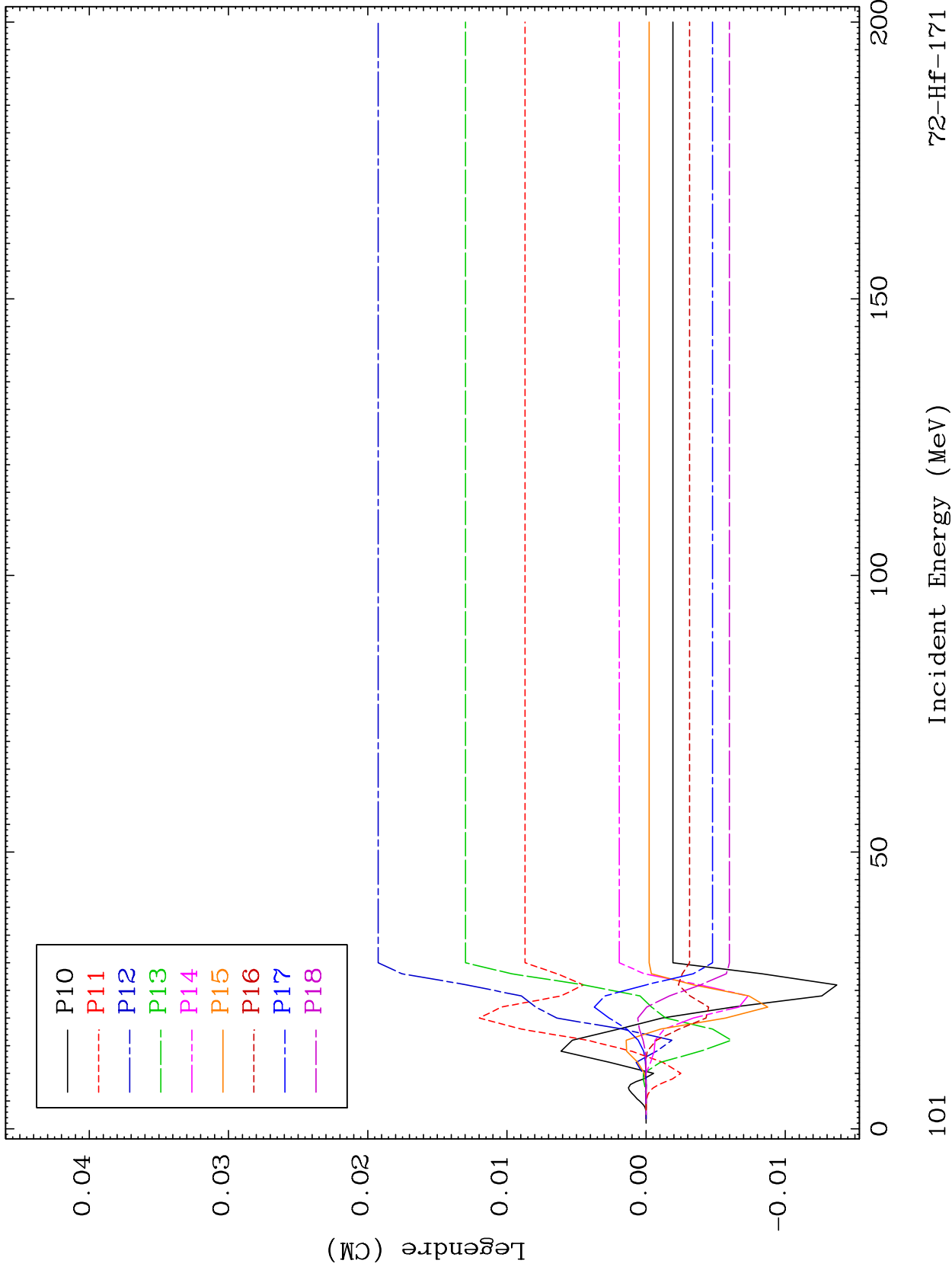




MAT 7216

560.0 keV (n,n') Level  
Legendre Coefficients

72-Hf-171

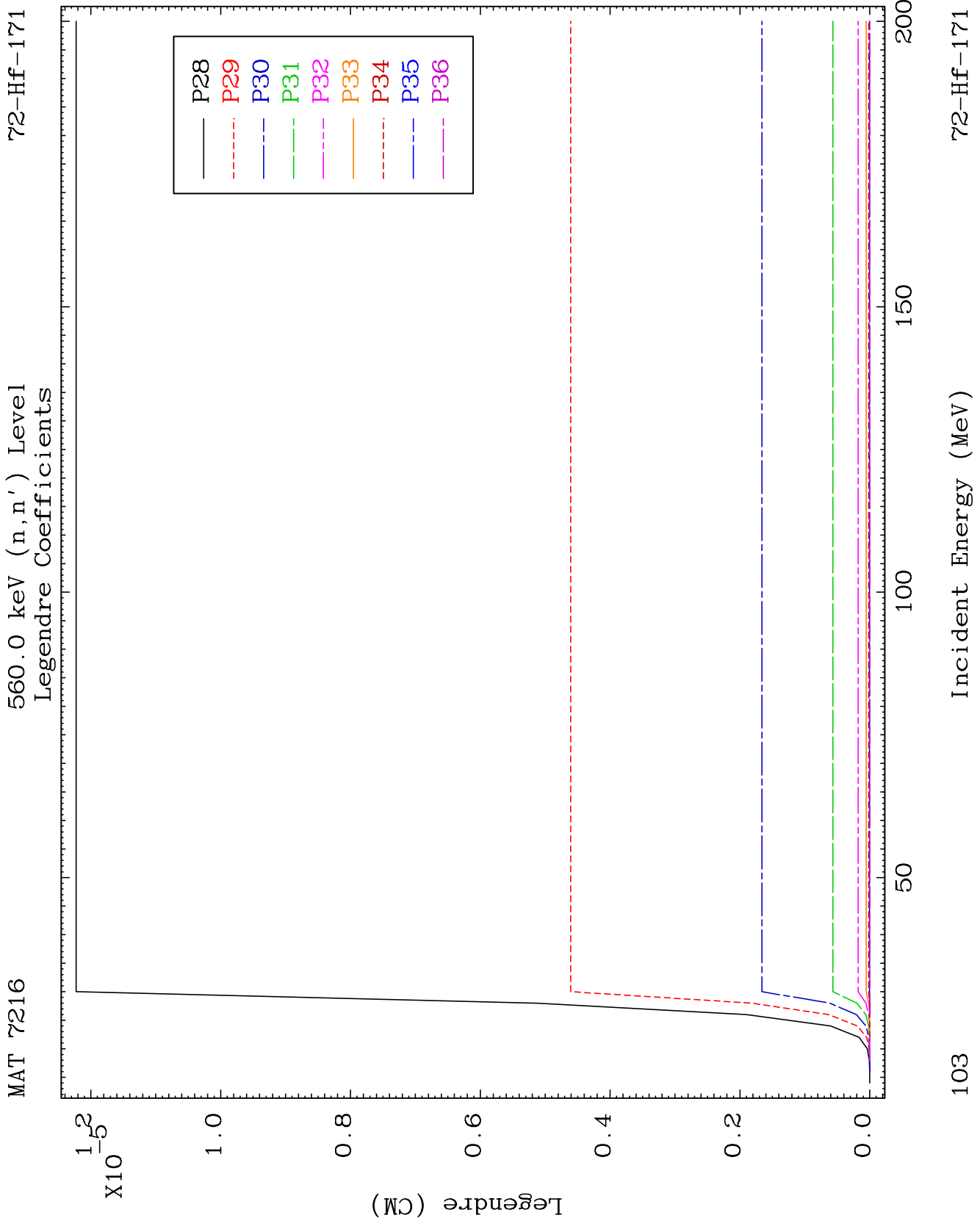


72-Hf-171

Incident Energy (MeV)

101



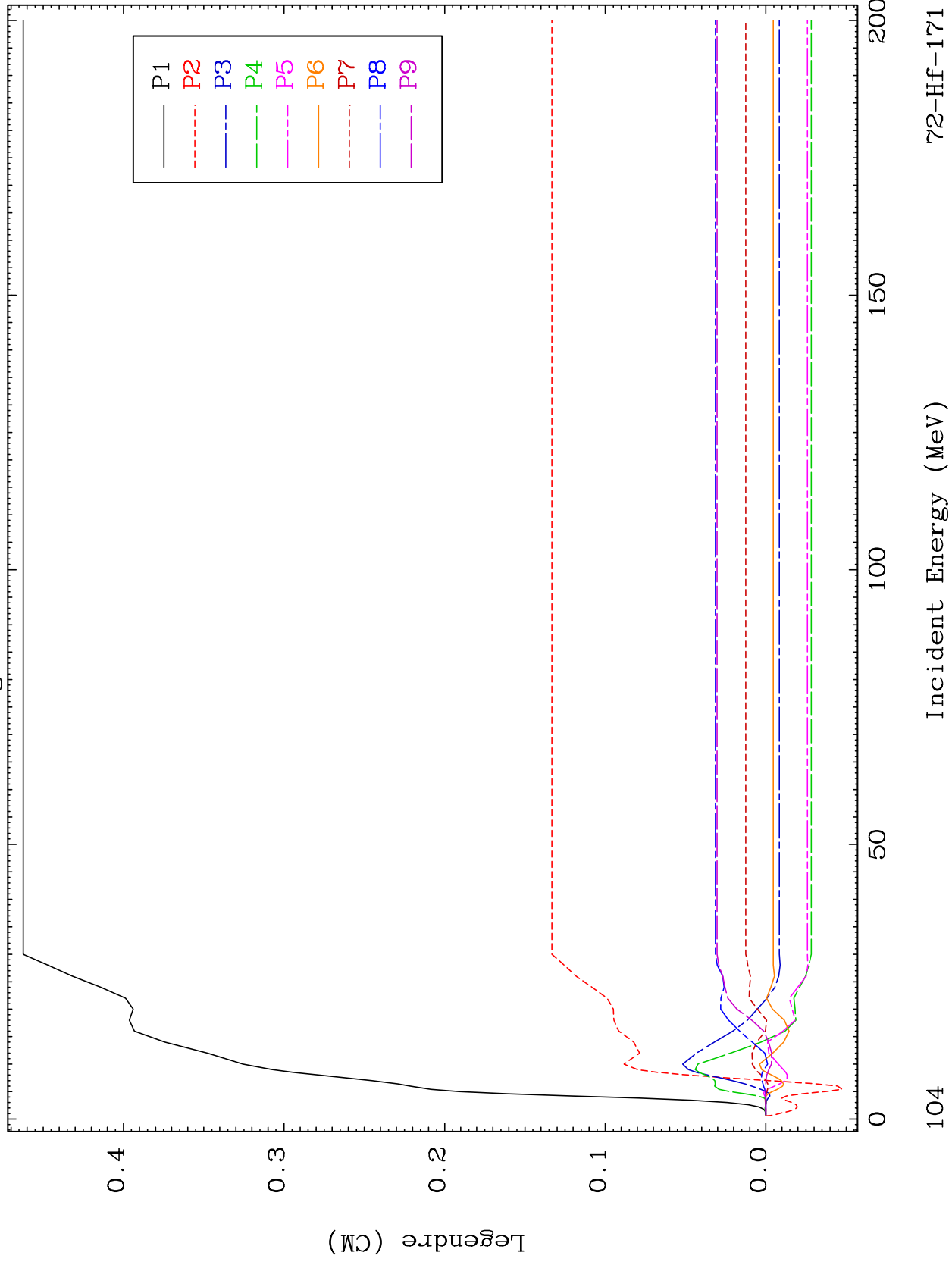




MAT 7216

563.1 keV (n,n') Level  
Legendre Coefficients

72-Hf-171



72-Hf-171

Incident Energy (MeV)

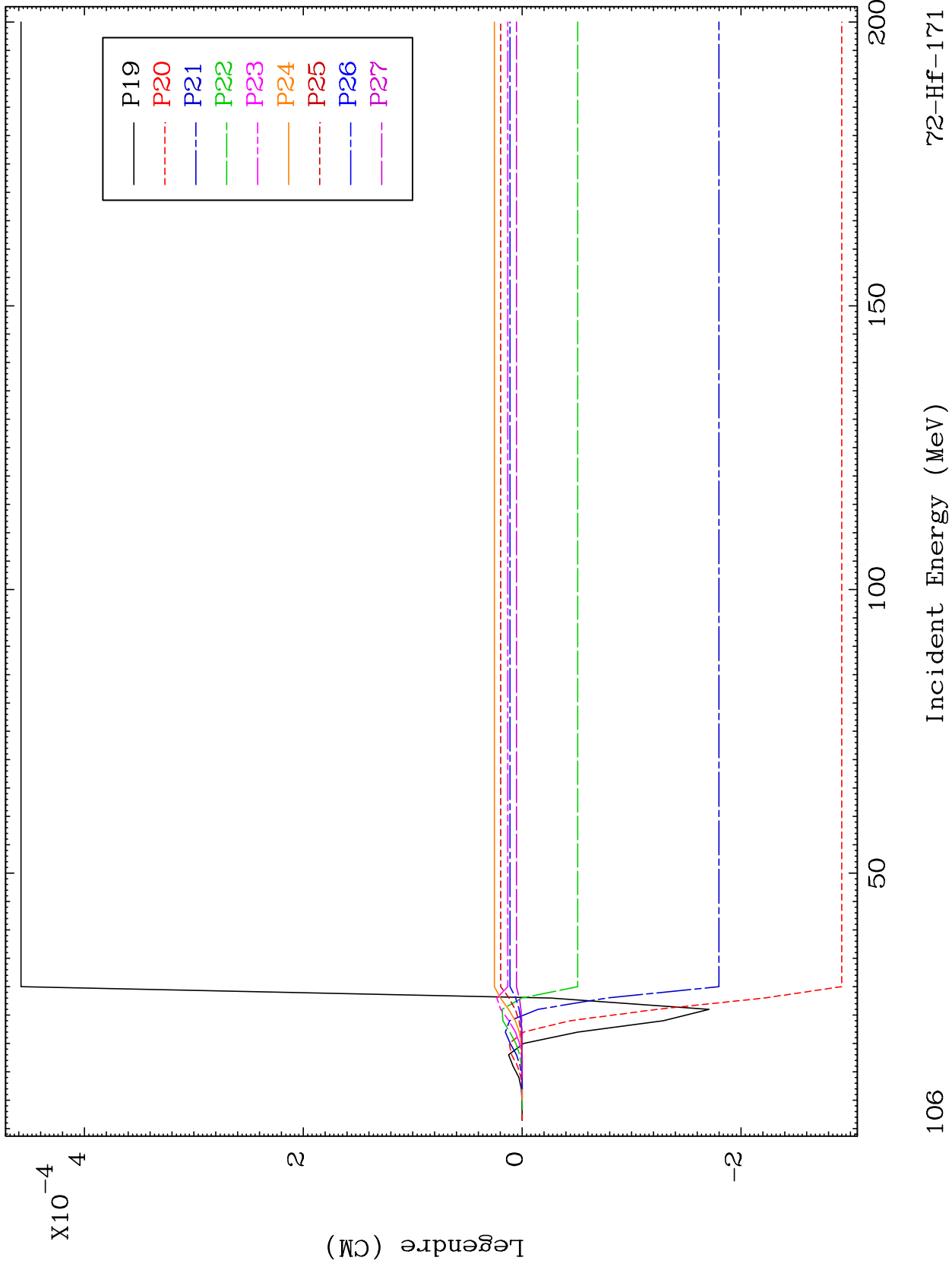
104



MAT 7216

563.1 keV (n,n') Level  
Legendre Coefficients

72-Hf-171



106

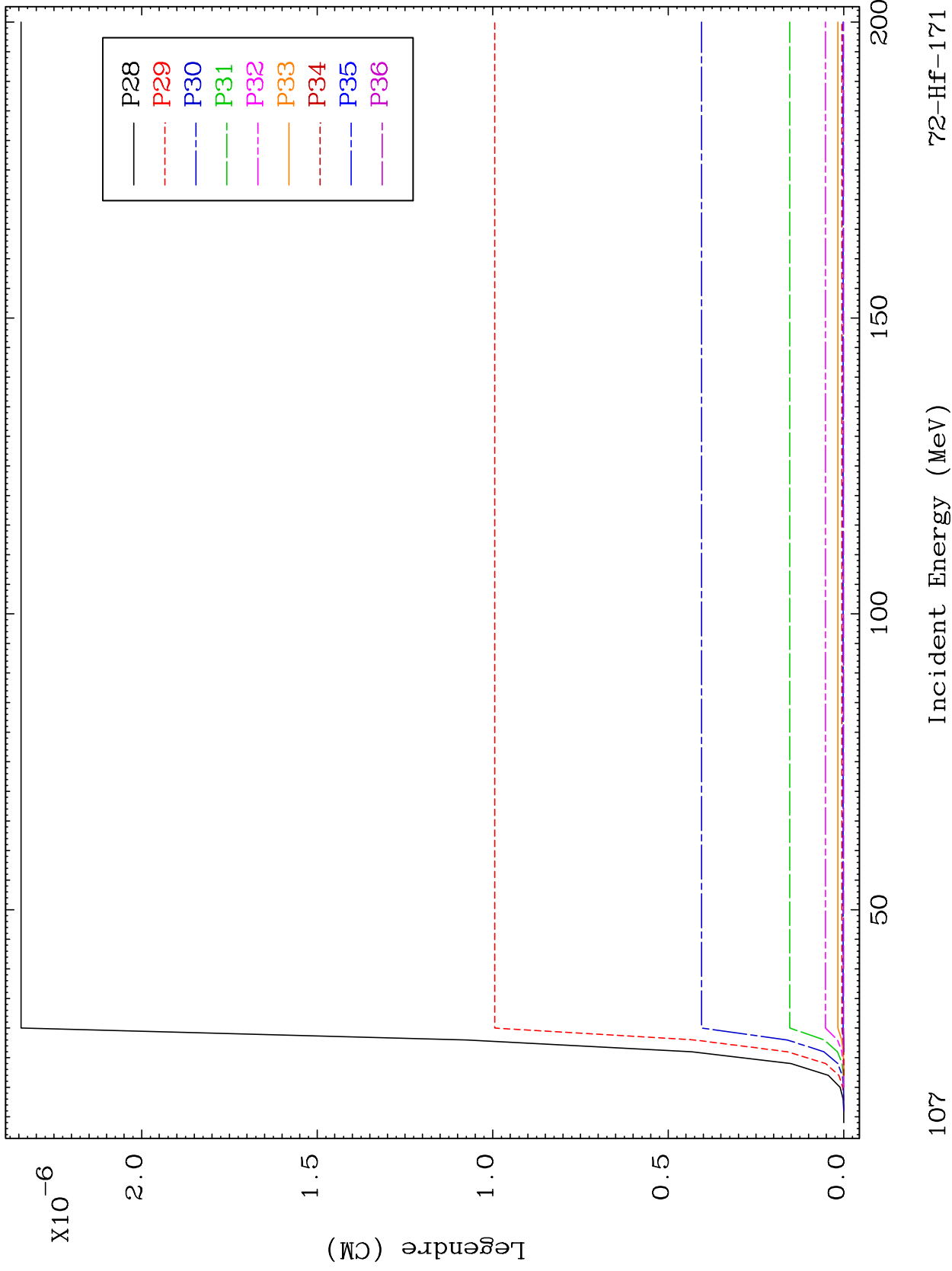
Incident Energy (MeV)

72-Hf-171

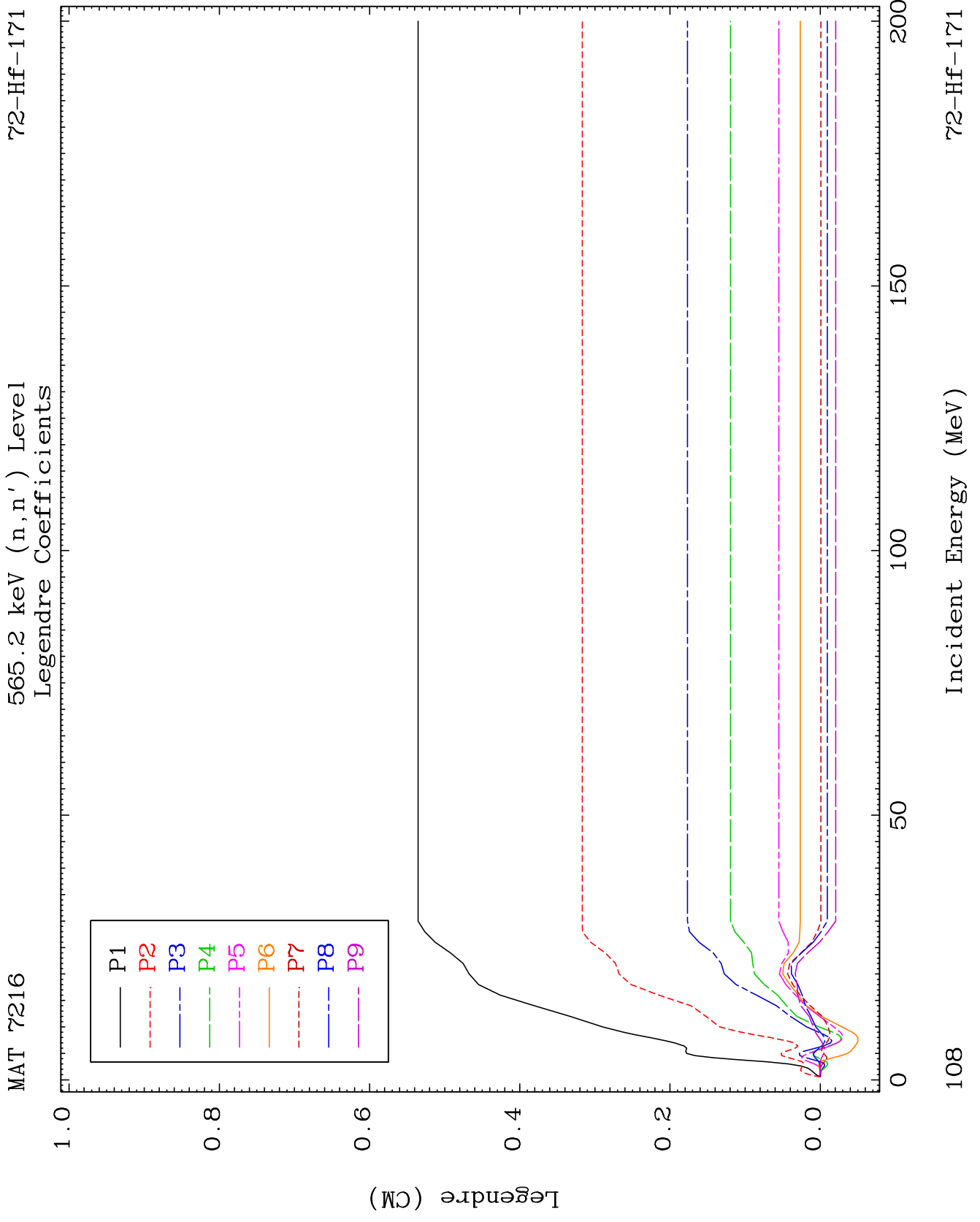
MAT 7216

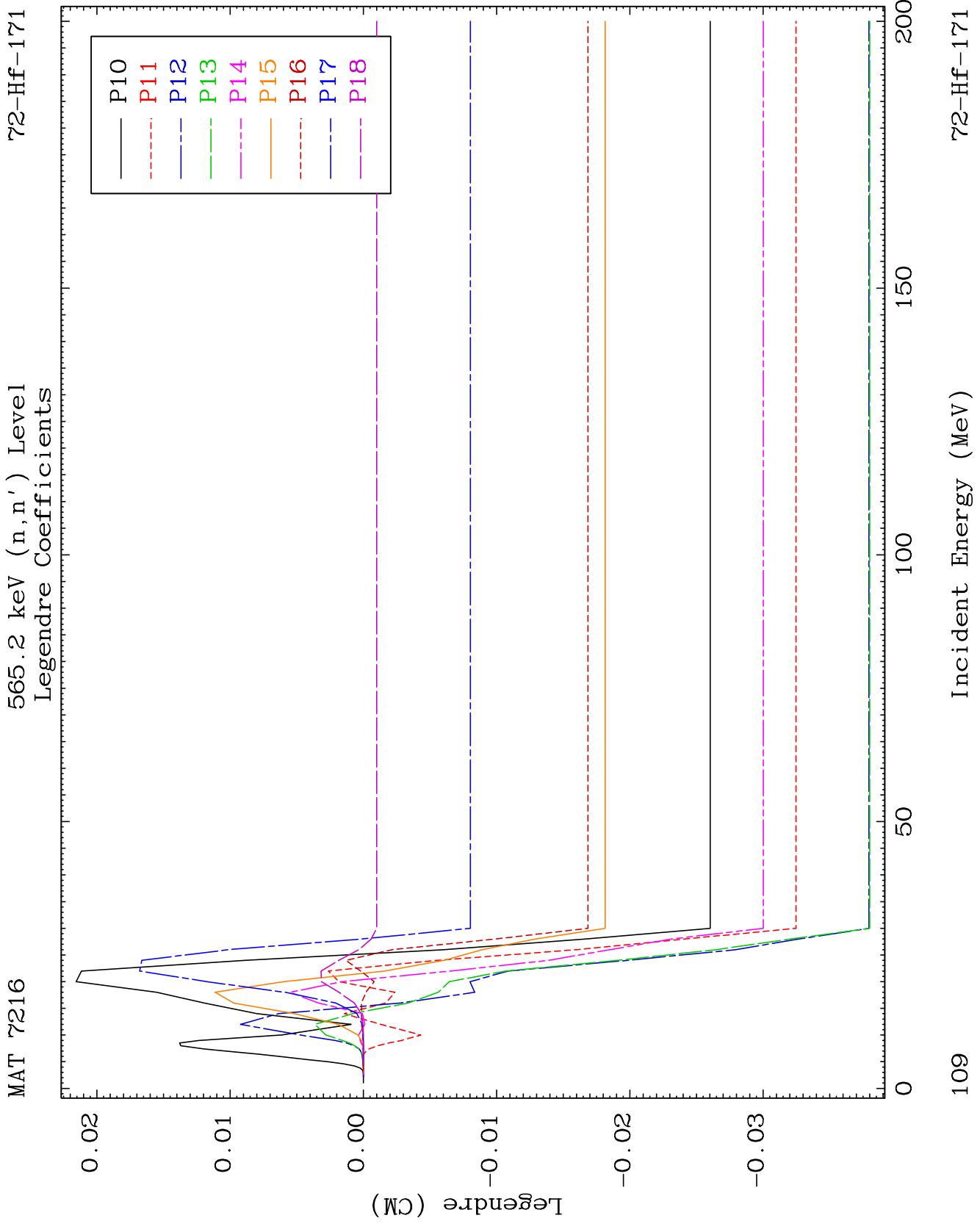
563.1 keV (n,n') Level  
Legendre Coefficients

72-Hf-171



107

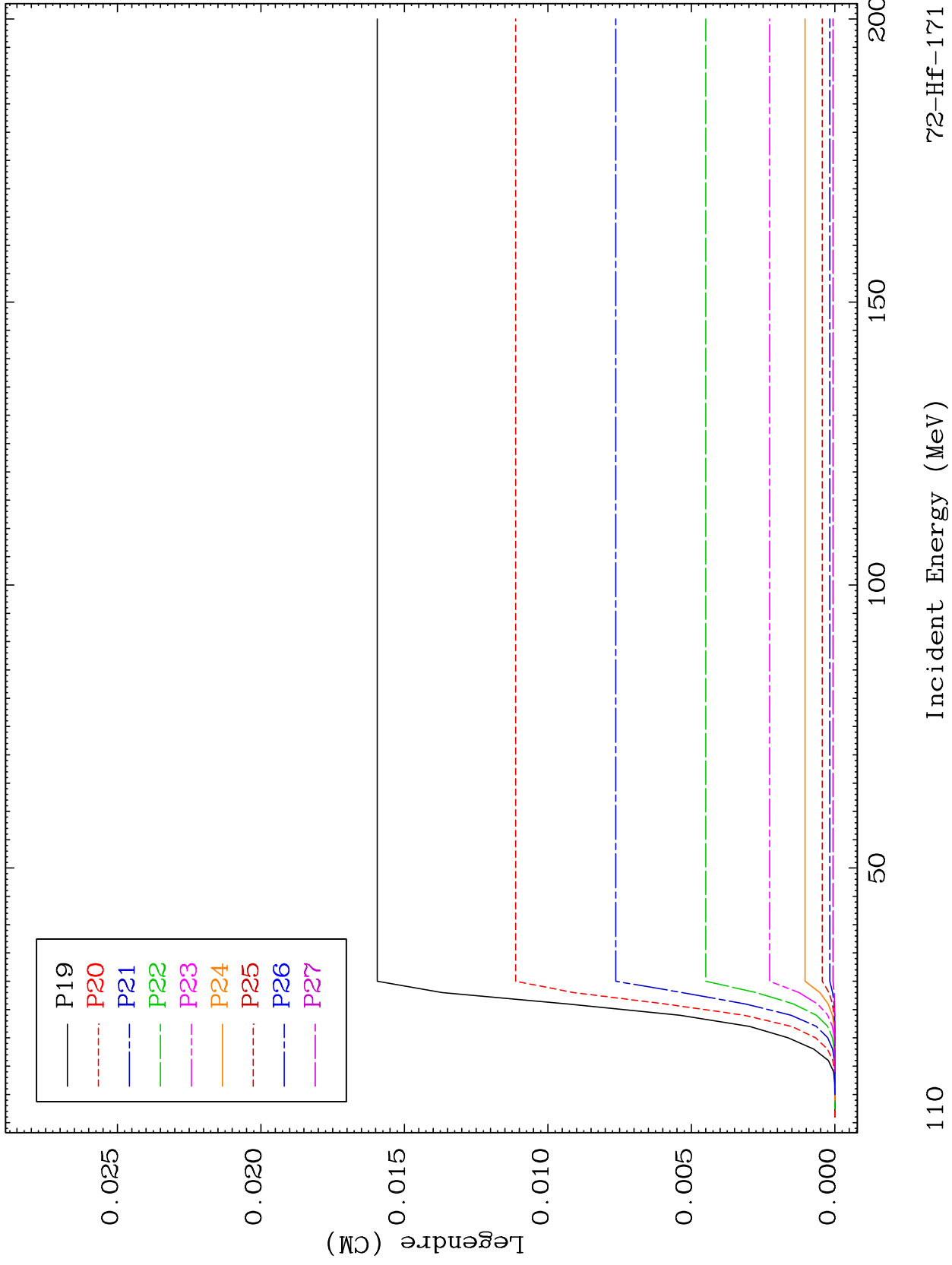




MAT 7216

565.2 keV (n,n') Level  
Legendre Coefficients

72-Hf-171



110

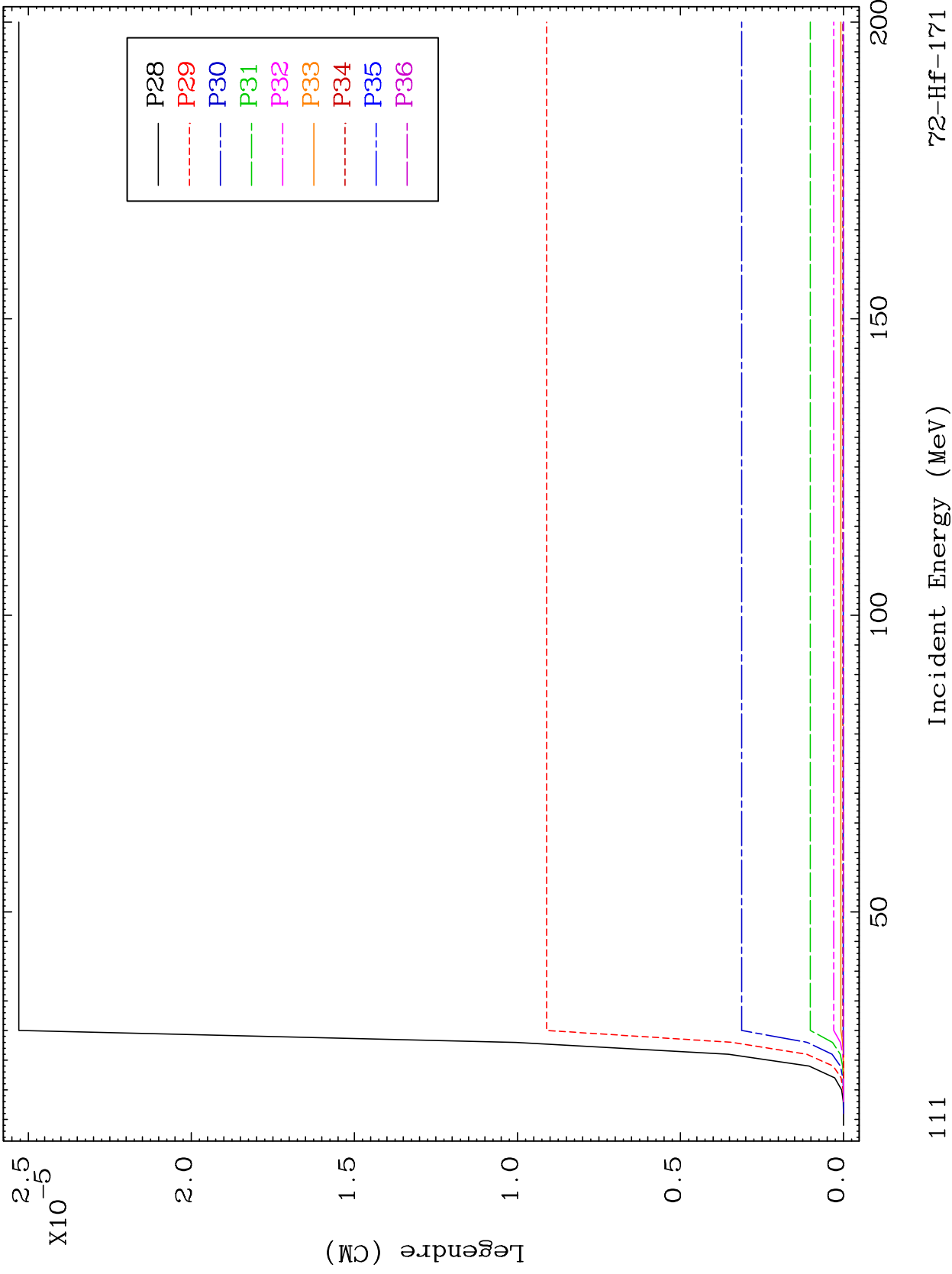
Incident Energy (MeV)

72-Hf-171

MAT 7216

565.2 keV (n,n') Level  
Legendre Coefficients

72-Hf-171

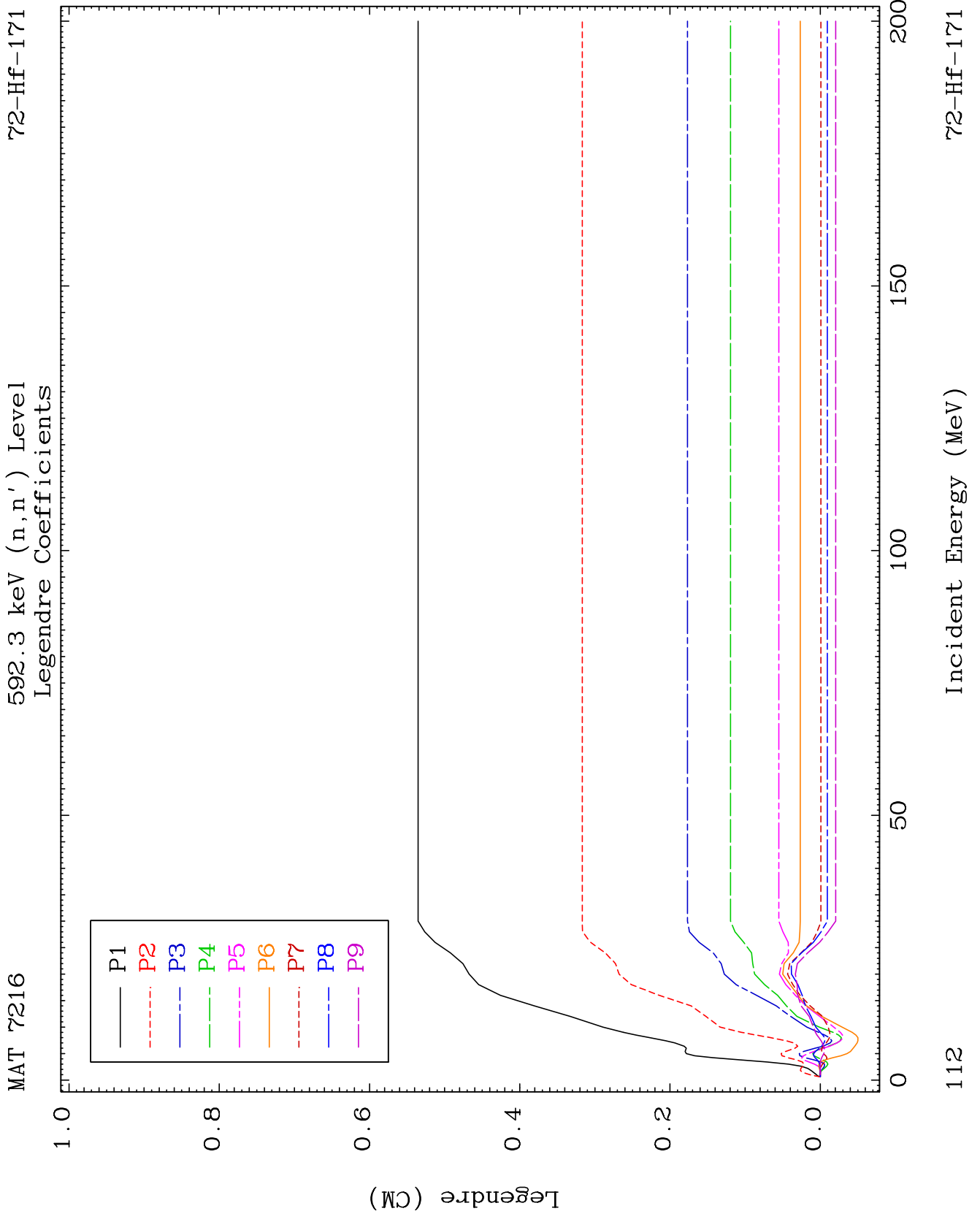


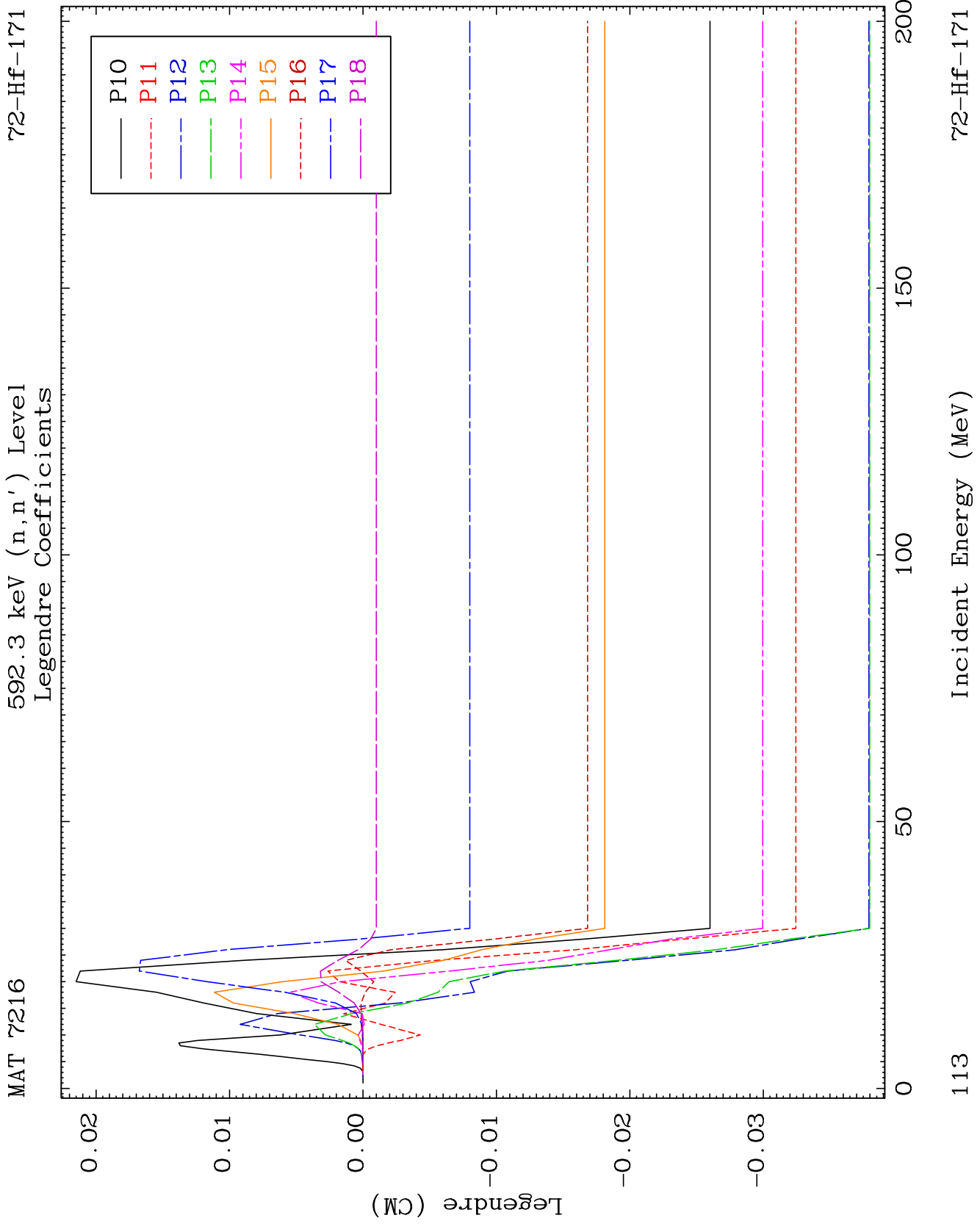
111

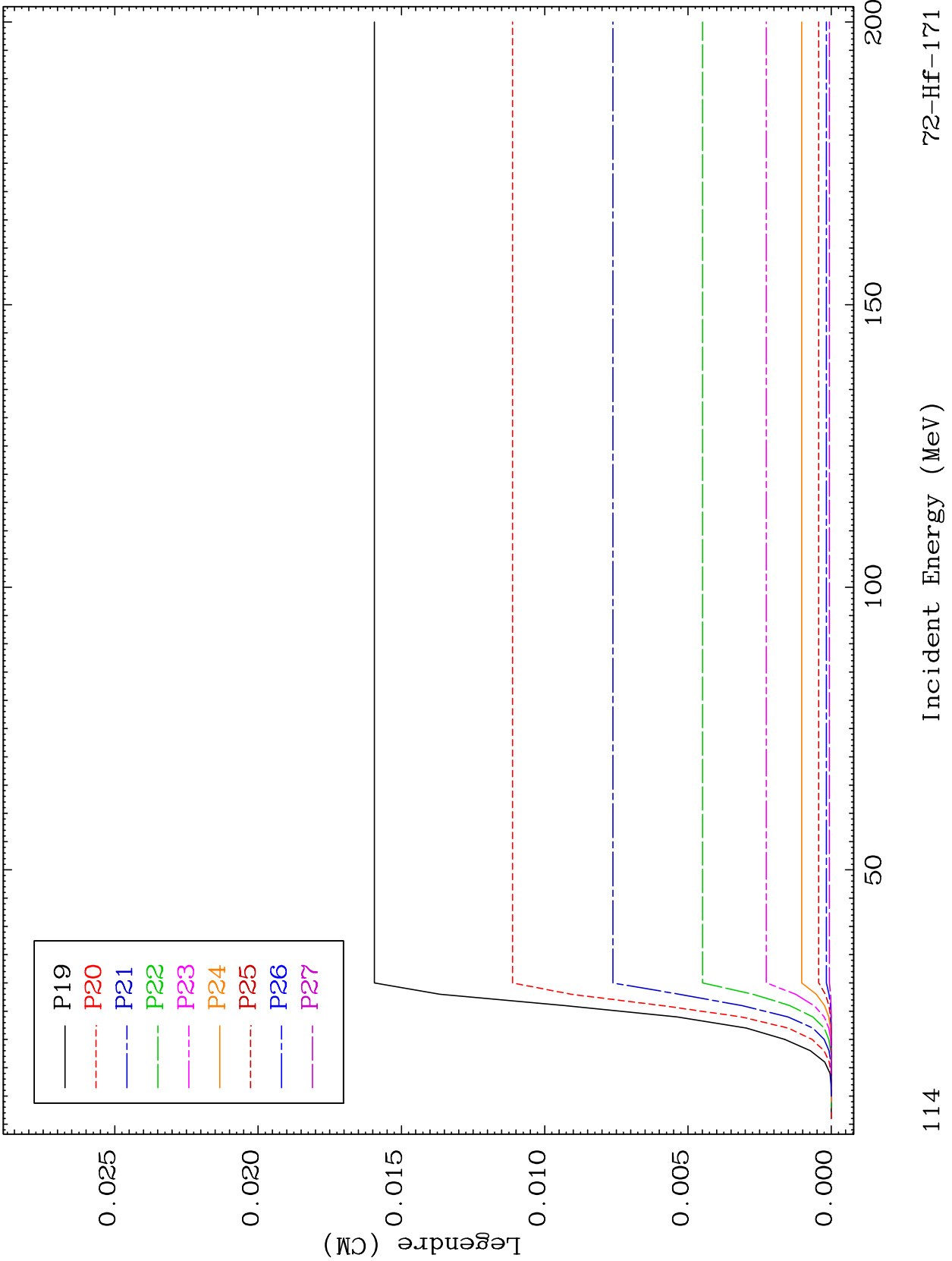
Incident Energy (MeV)

72-Hf-171





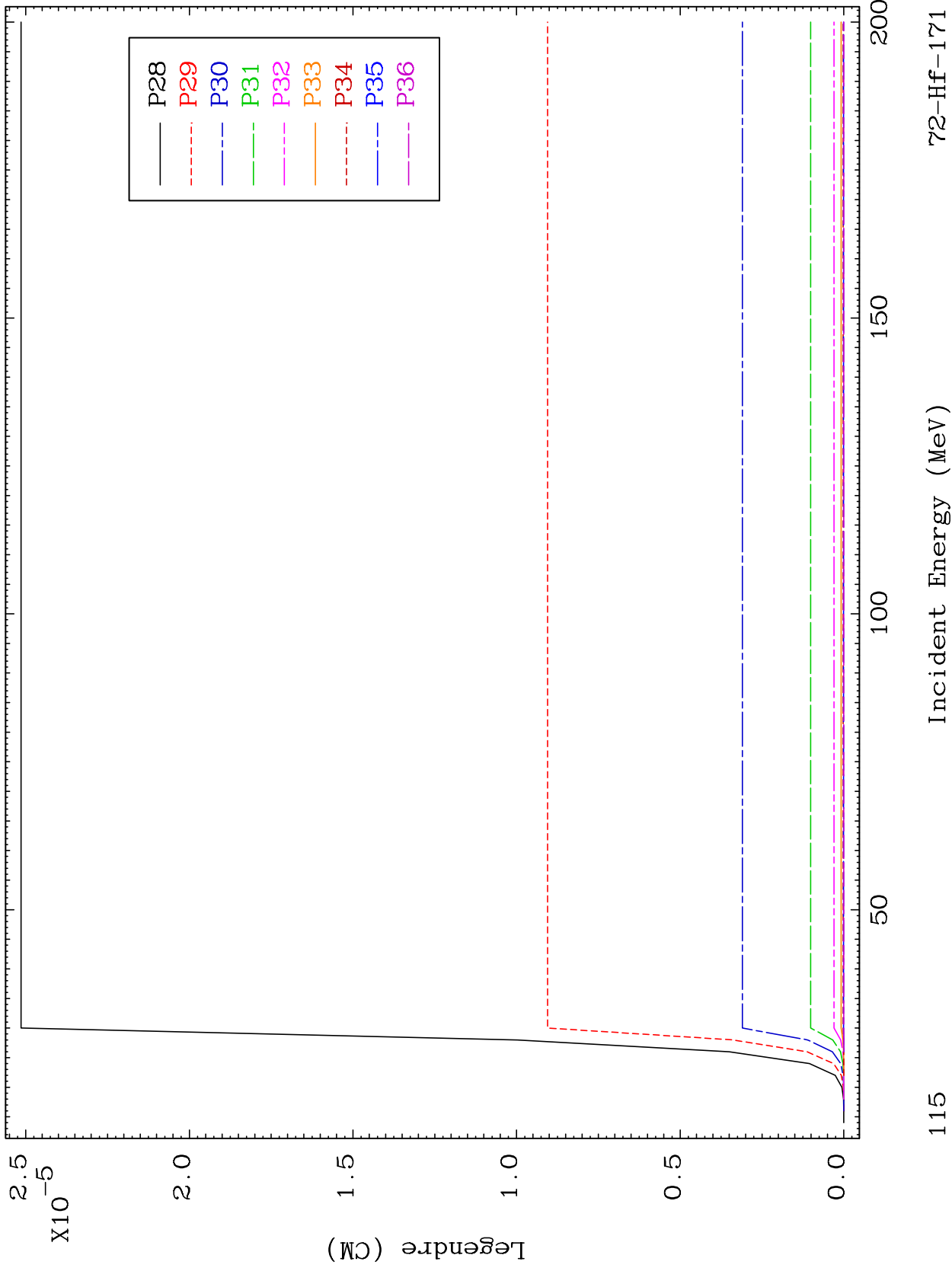


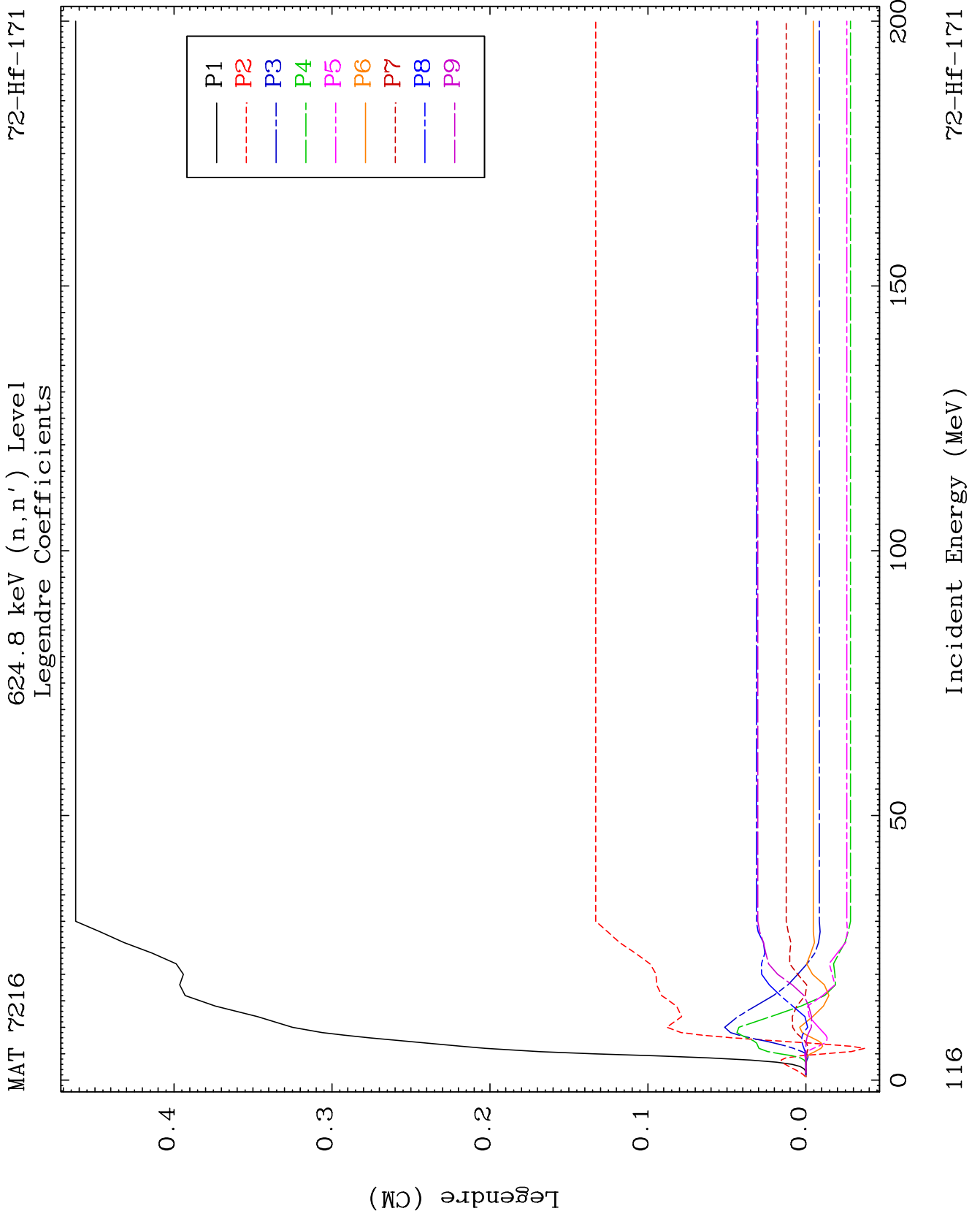


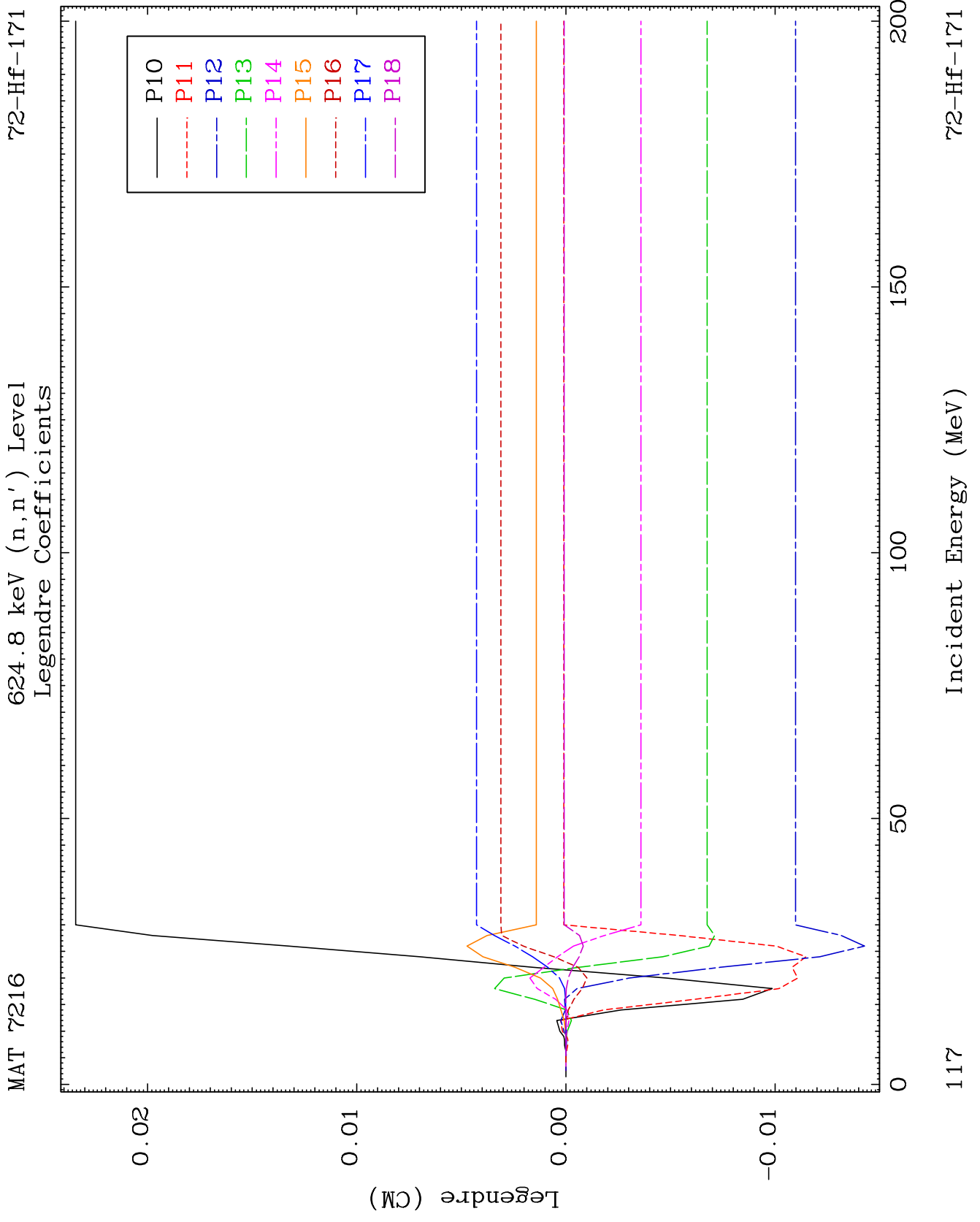
MAT 7216

592.3 keV (n, n') Level  
Legendre Coefficients

72-Hf-171



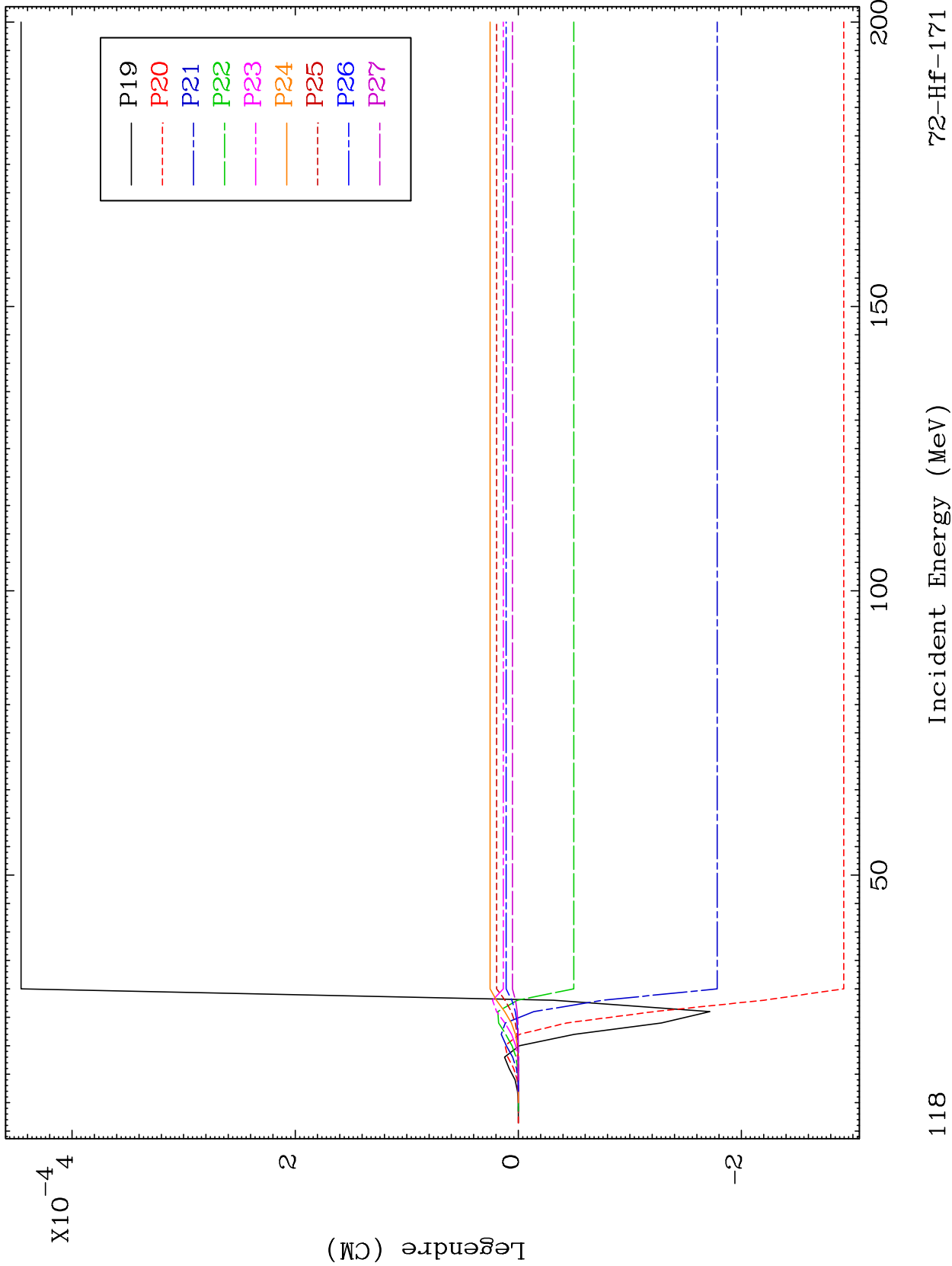




MAT 7216

624.8 keV (n,n') Level  
Legendre Coefficients

72-Hf-171



118

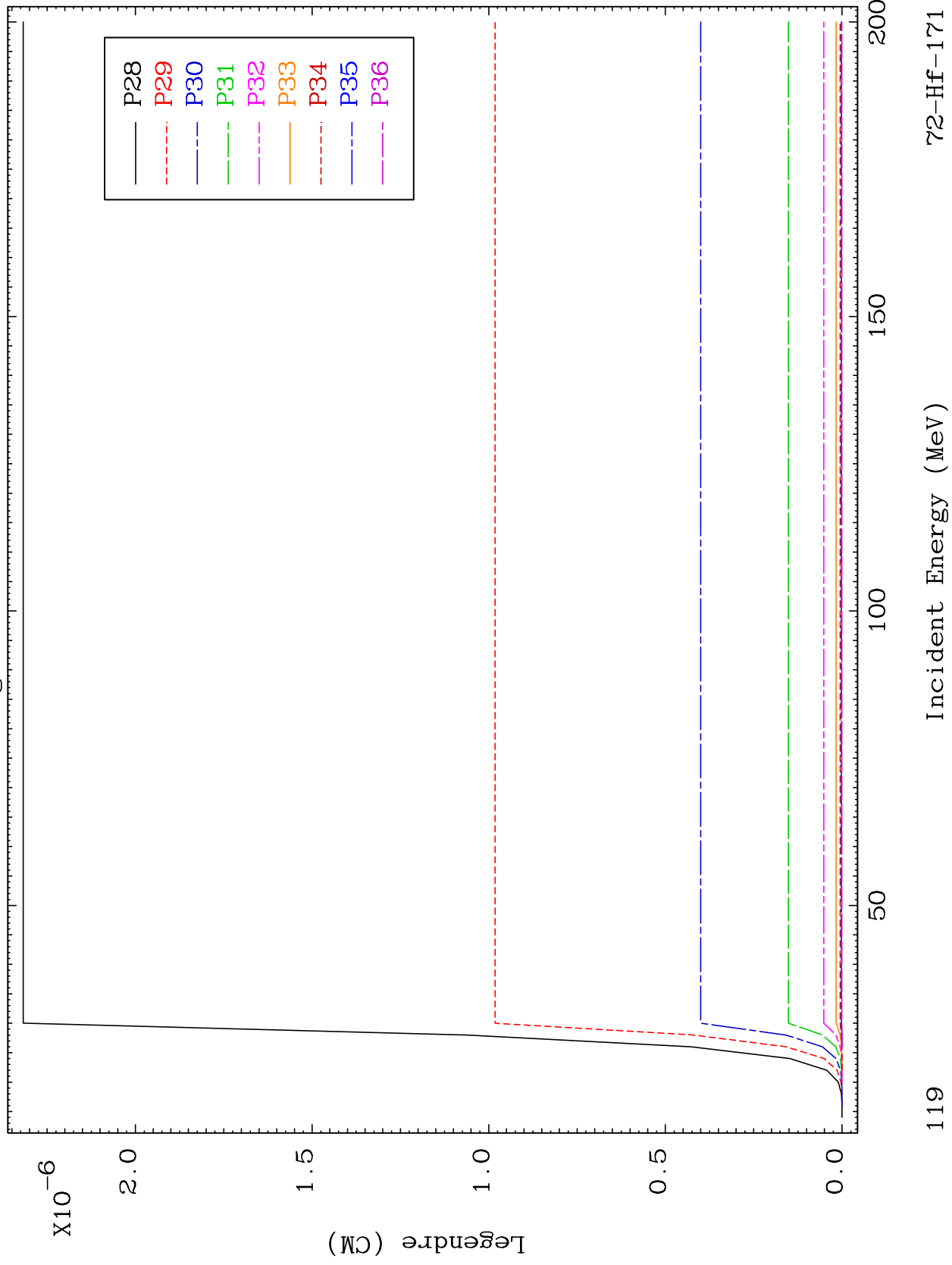
Incident Energy (MeV)

72-Hf-171

MAT 7216

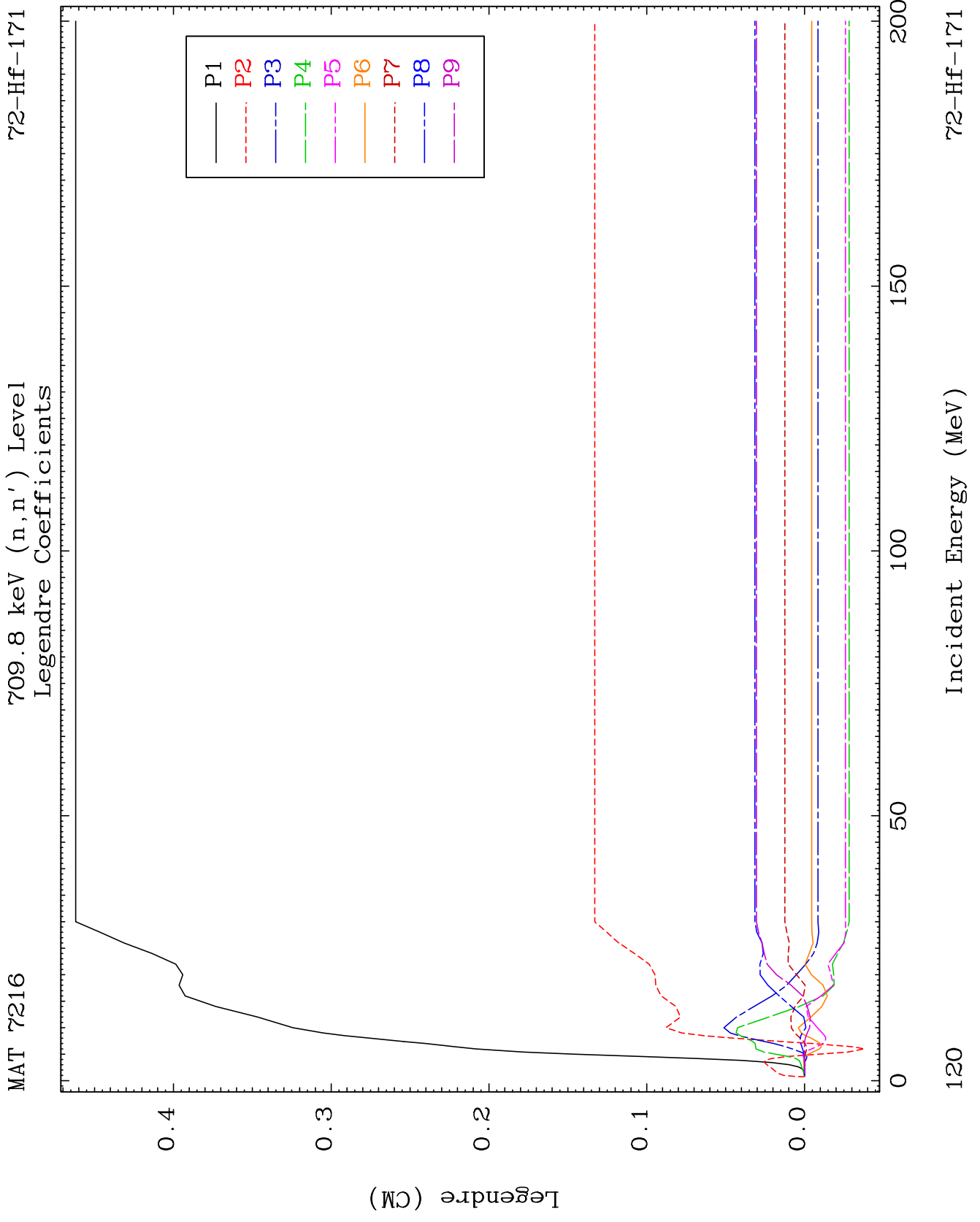
624.8 keV (n,n') Level  
Legendre Coefficients

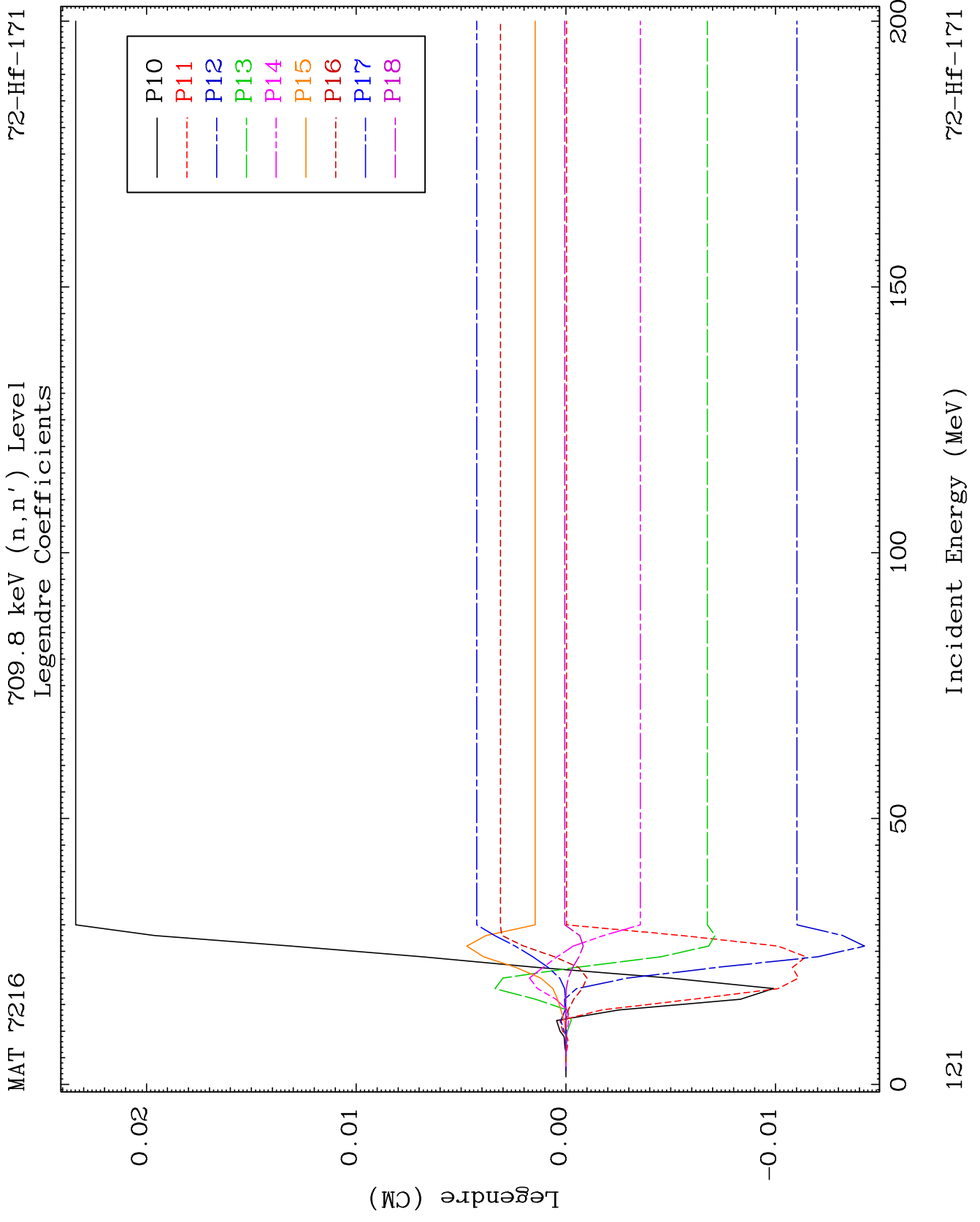
72-Hf-171



119



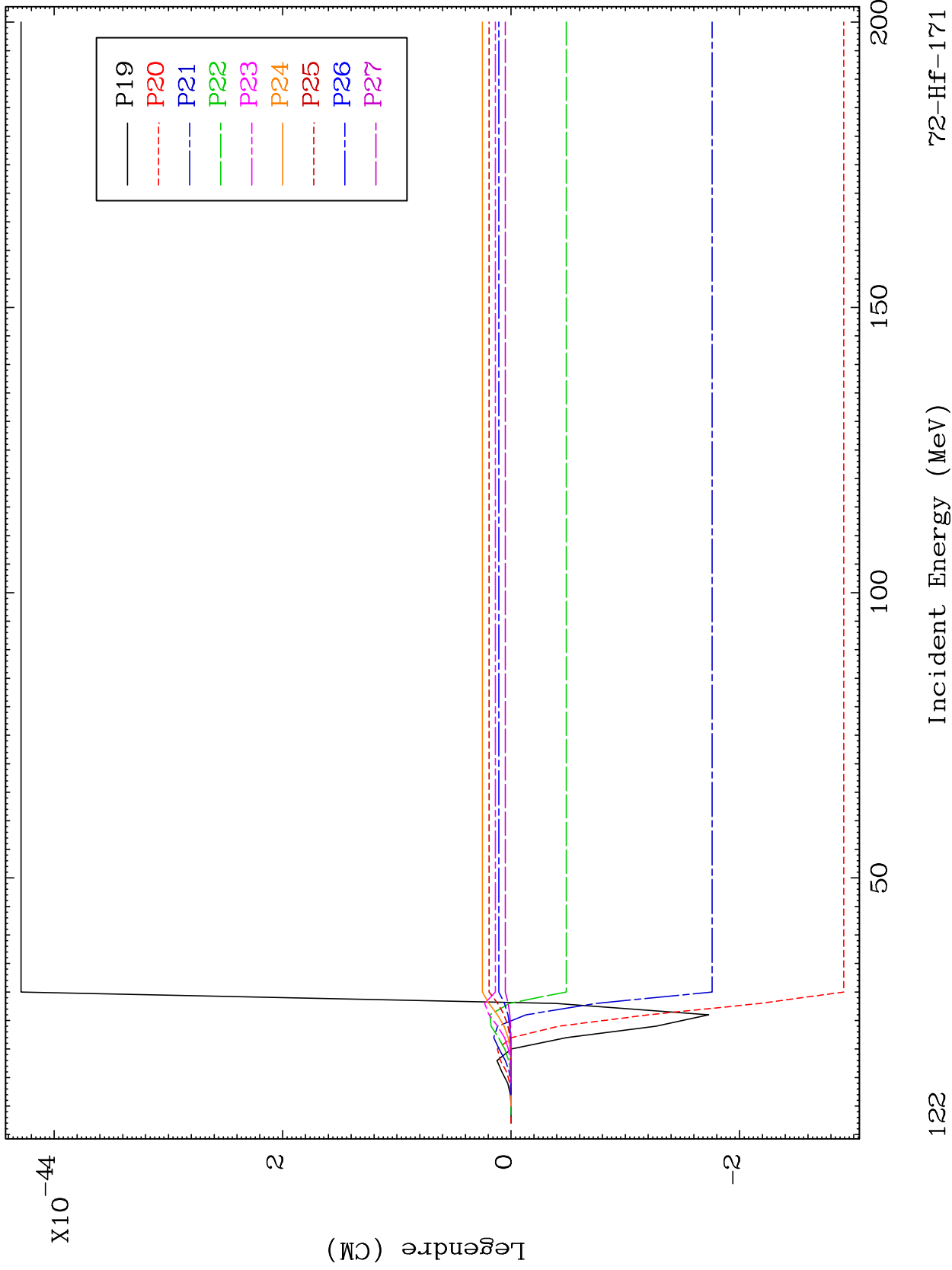




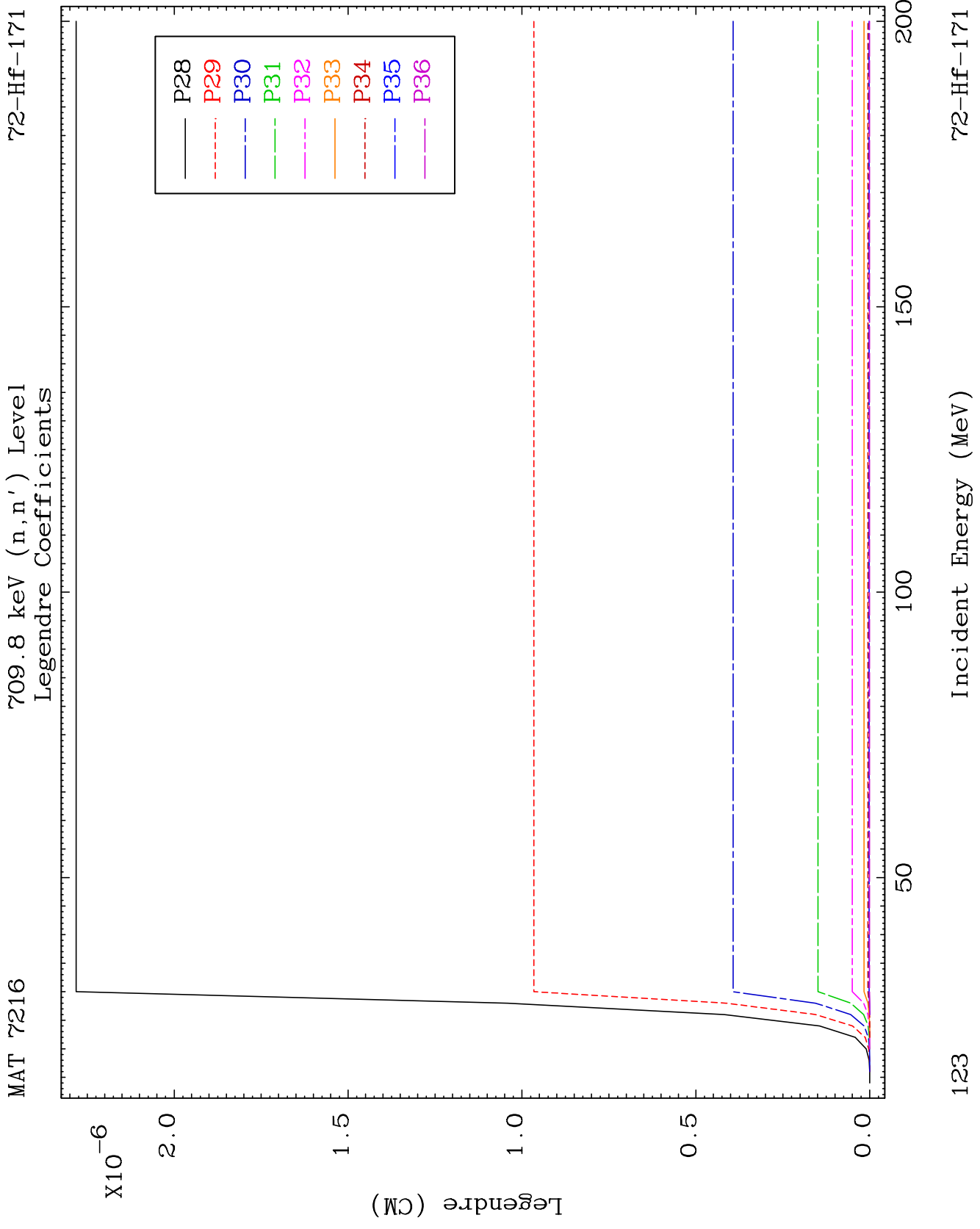
MAT 7216

709.8 keV (n,n') Level  
Legendre Coefficients

72-Hf-171



122



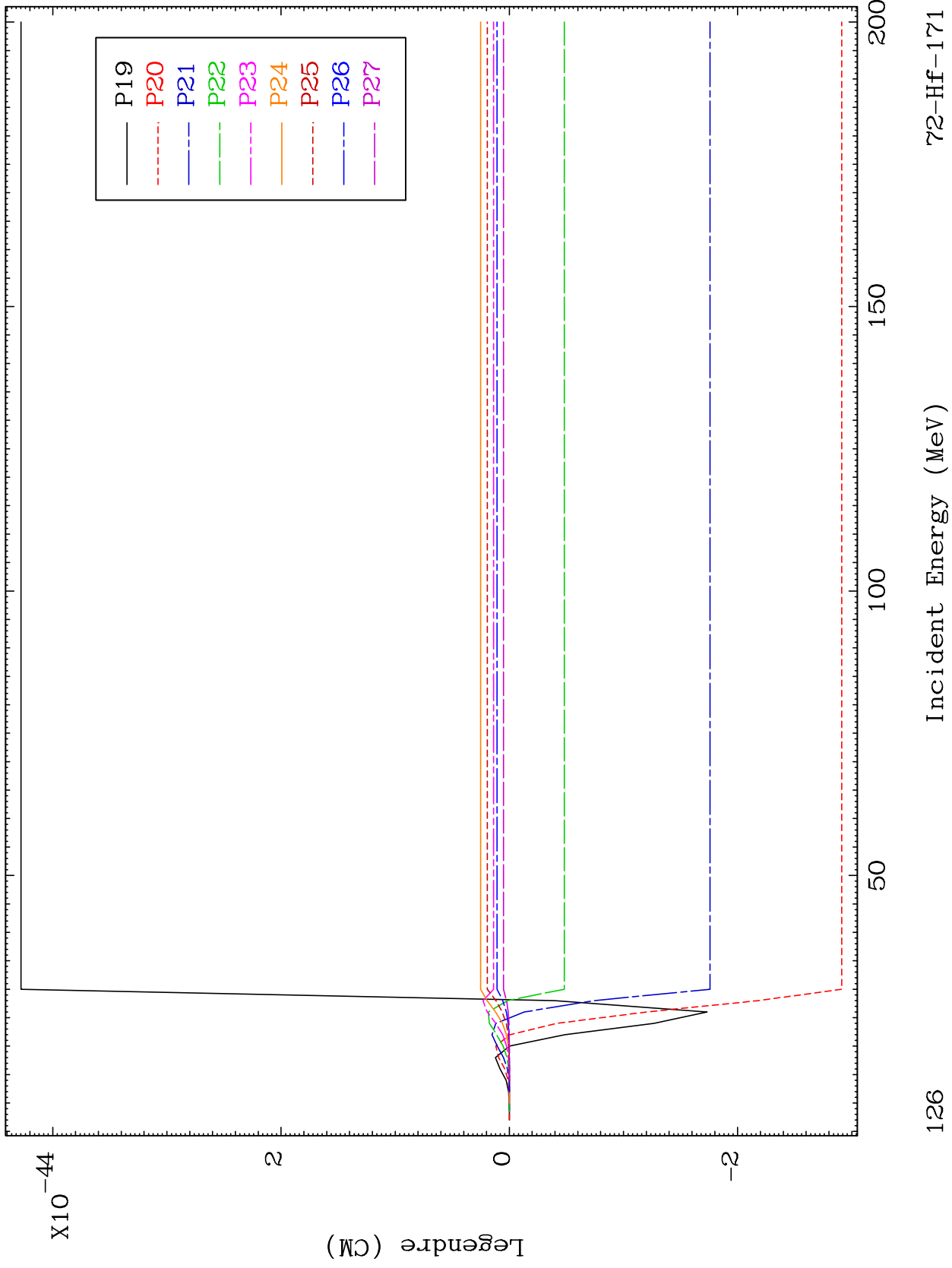




MAT 7216

716.1 keV (n,n') Level  
Legendre Coefficients

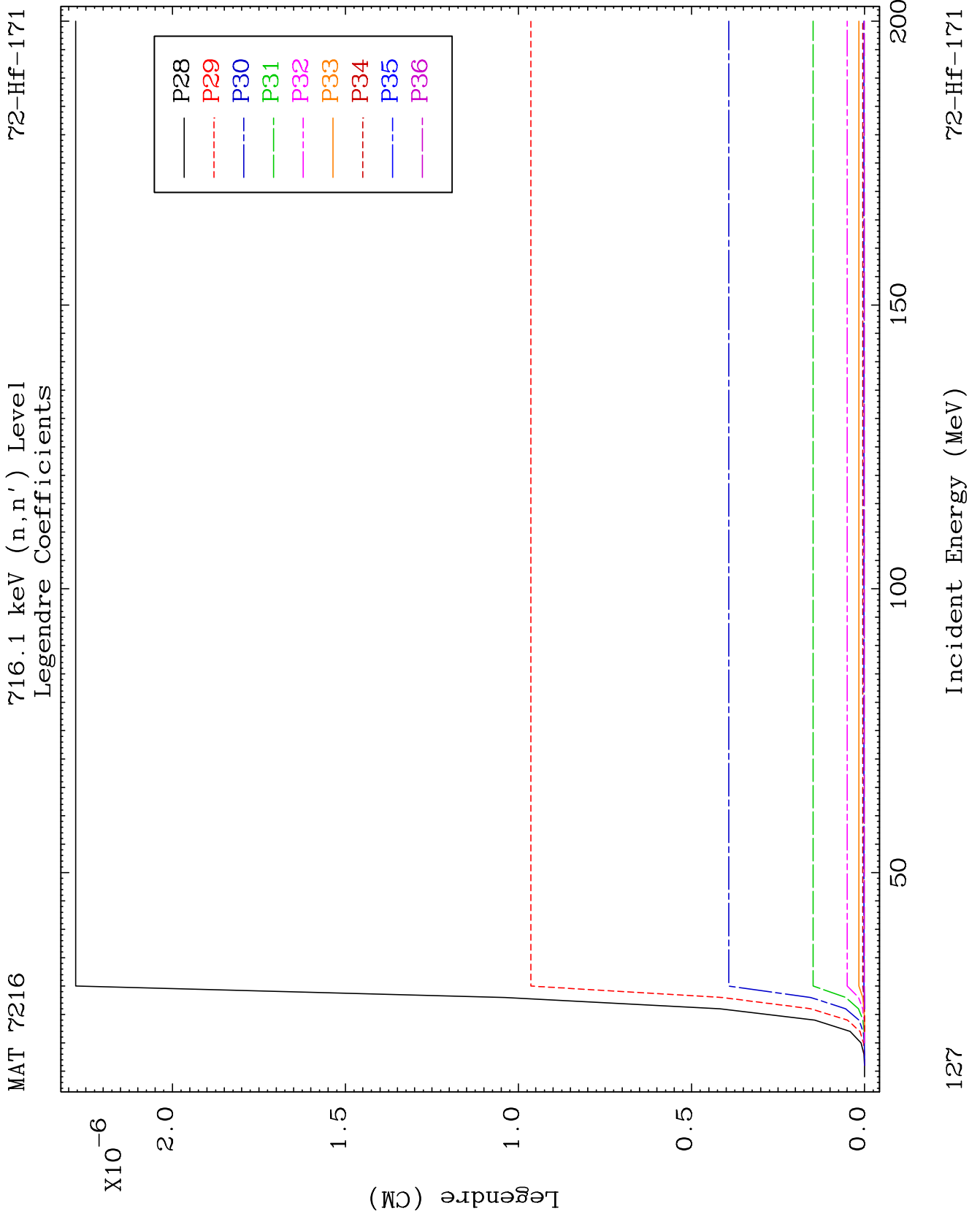
72-Hf-171



126

Incident Energy (MeV)

72-Hf-171



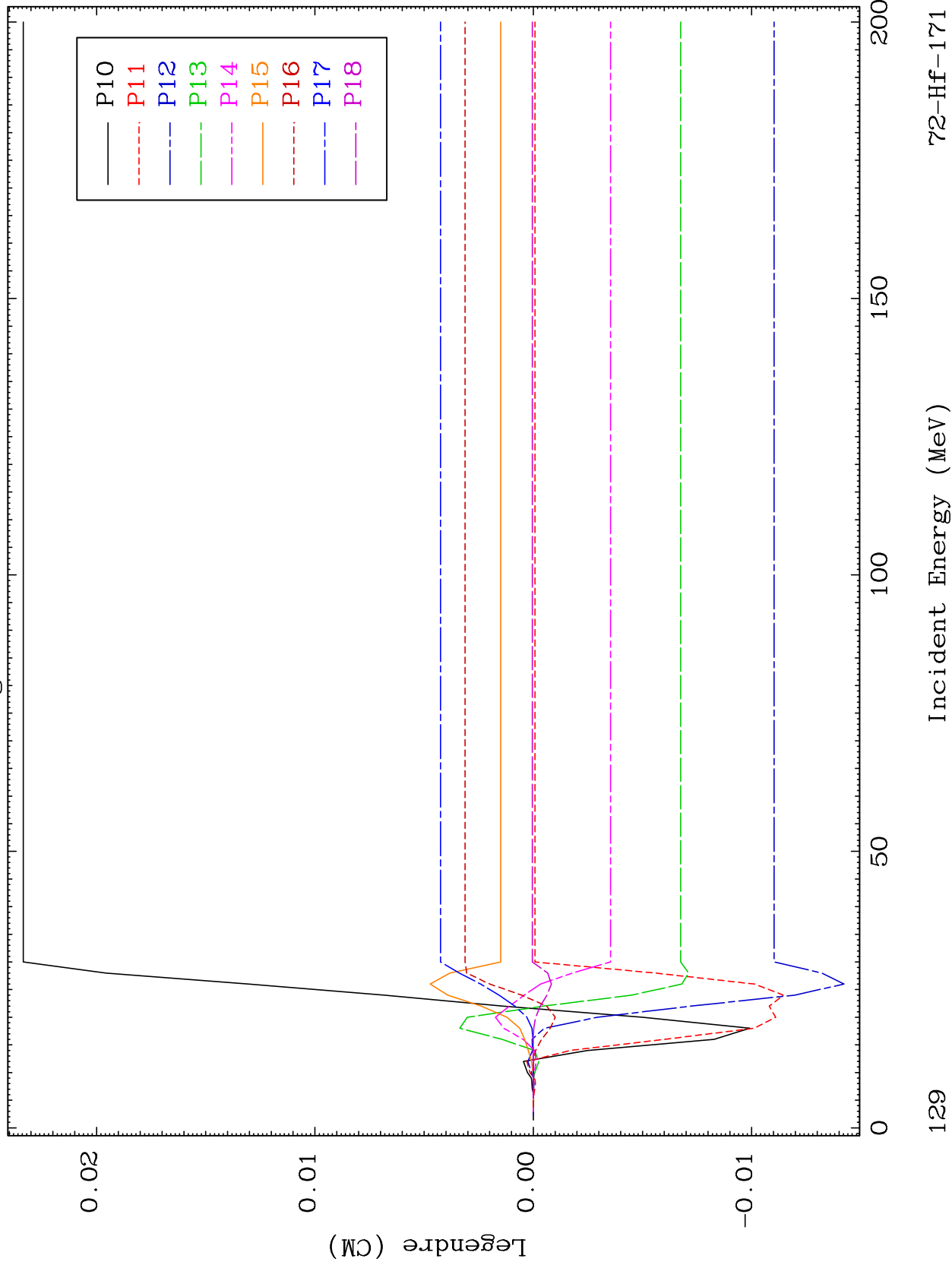




MAT 7216

741.9 keV (n,n') Level  
Legendre Coefficients

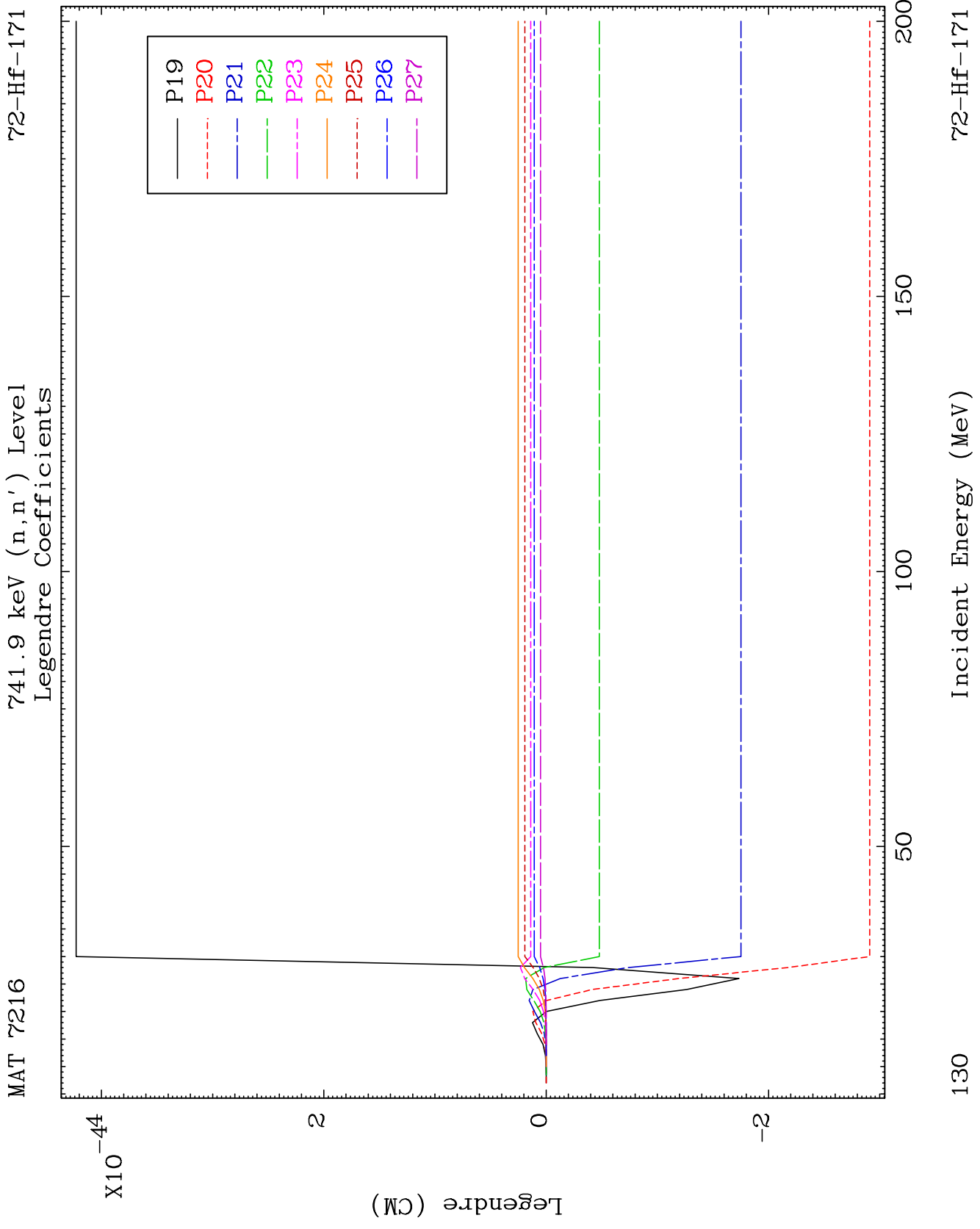
72-Hf-171

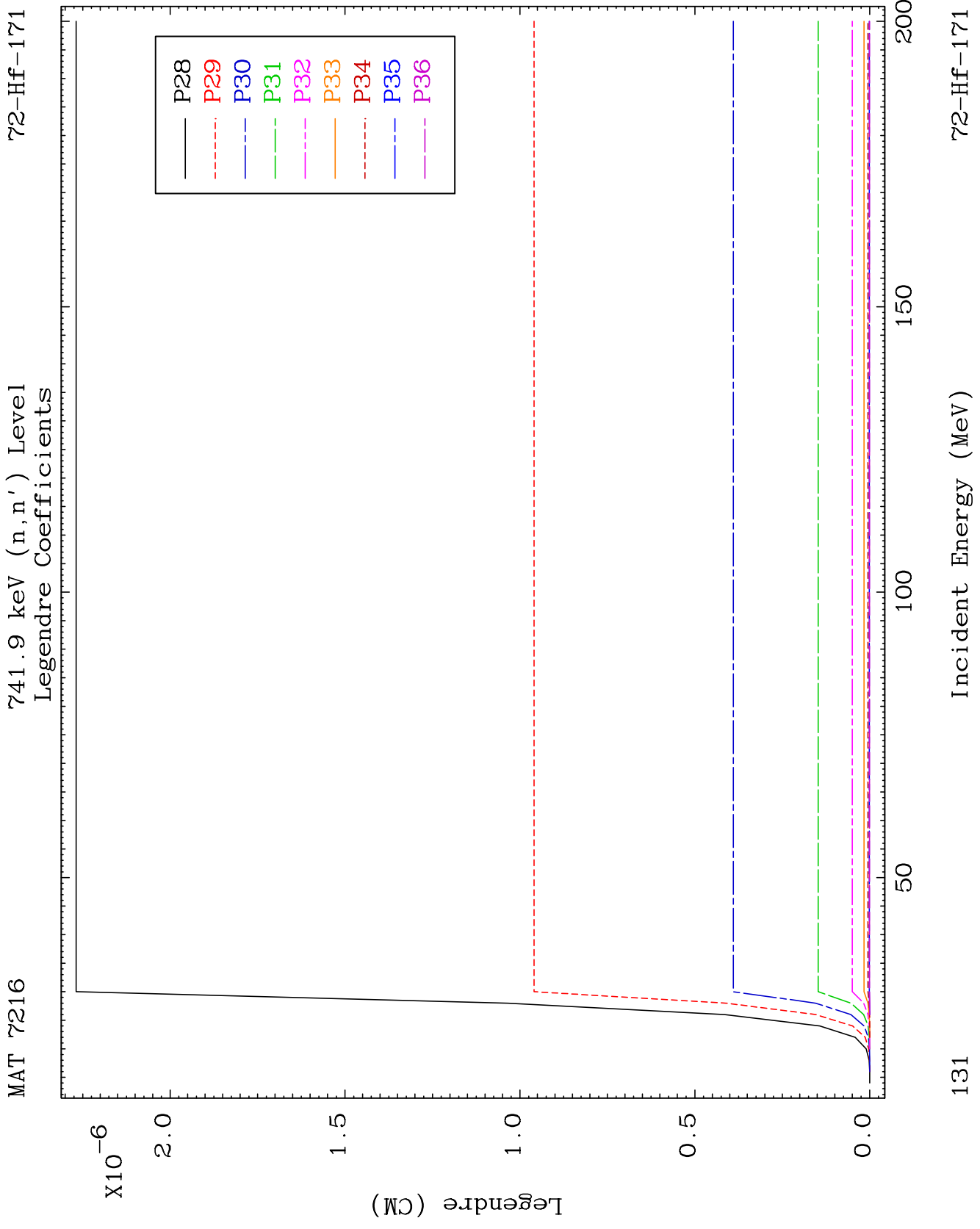


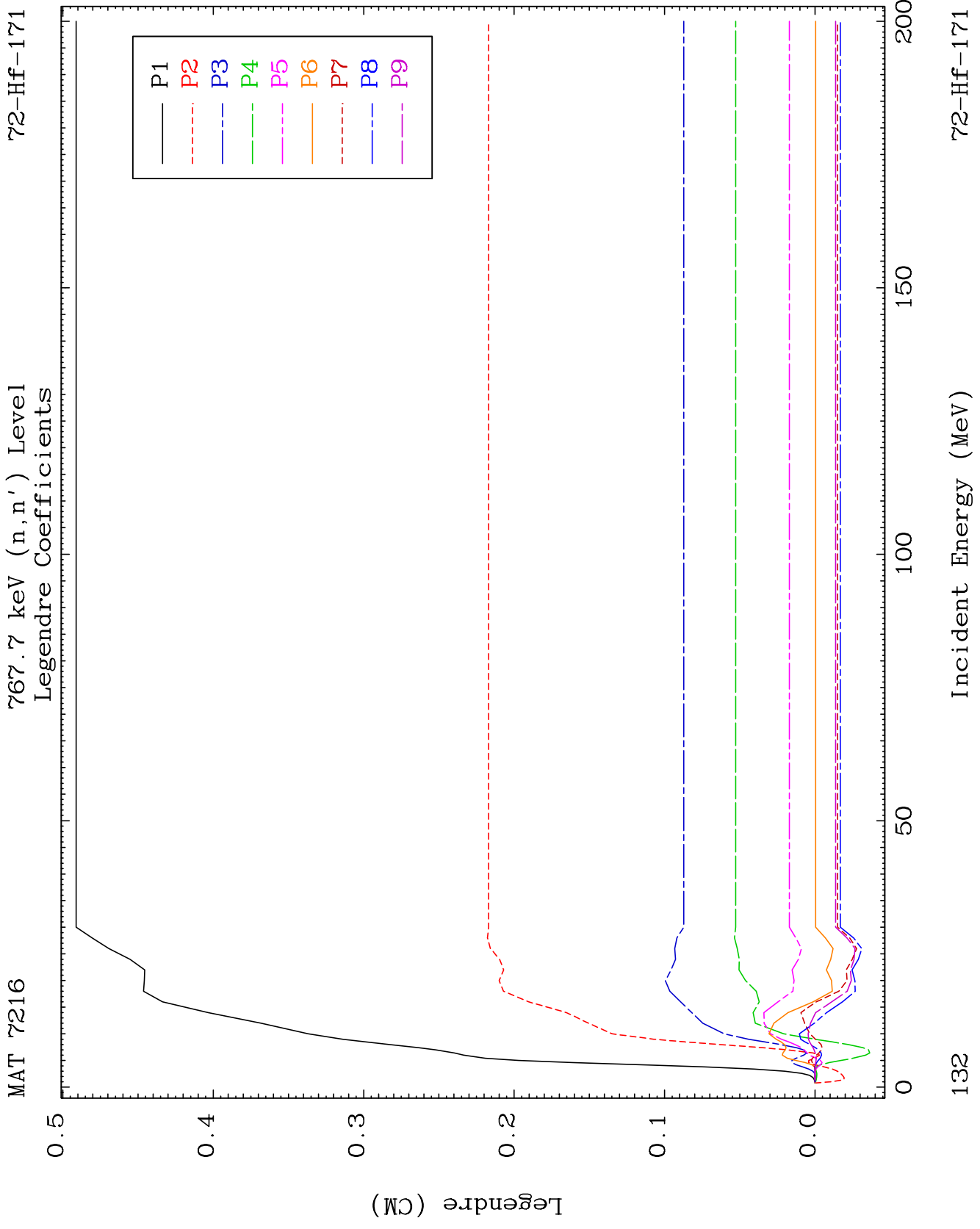
129

Incident Energy (MeV)

72-Hf-171



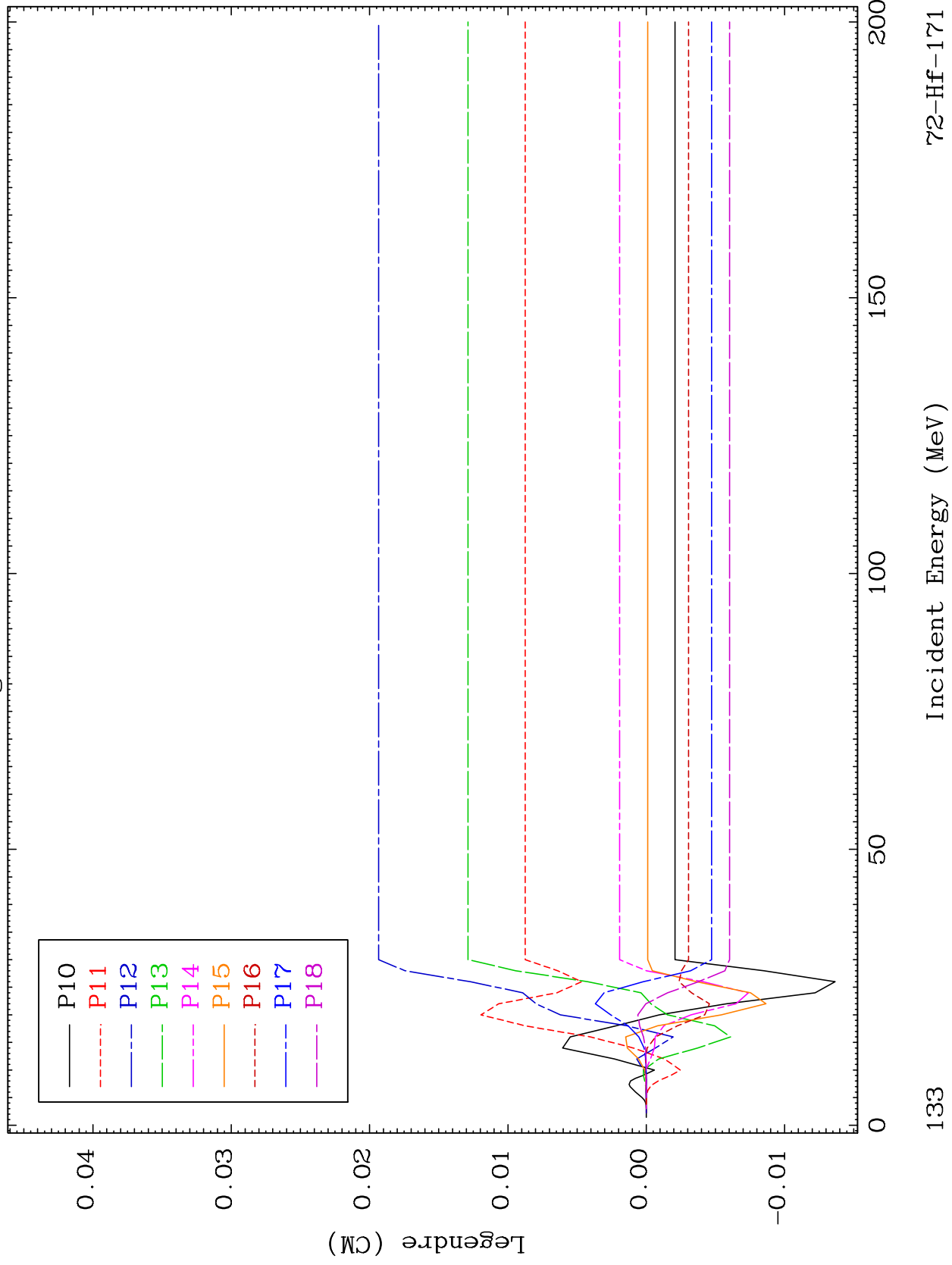




MAT 7216

767.7 keV (n,n') Level  
Legendre Coefficients

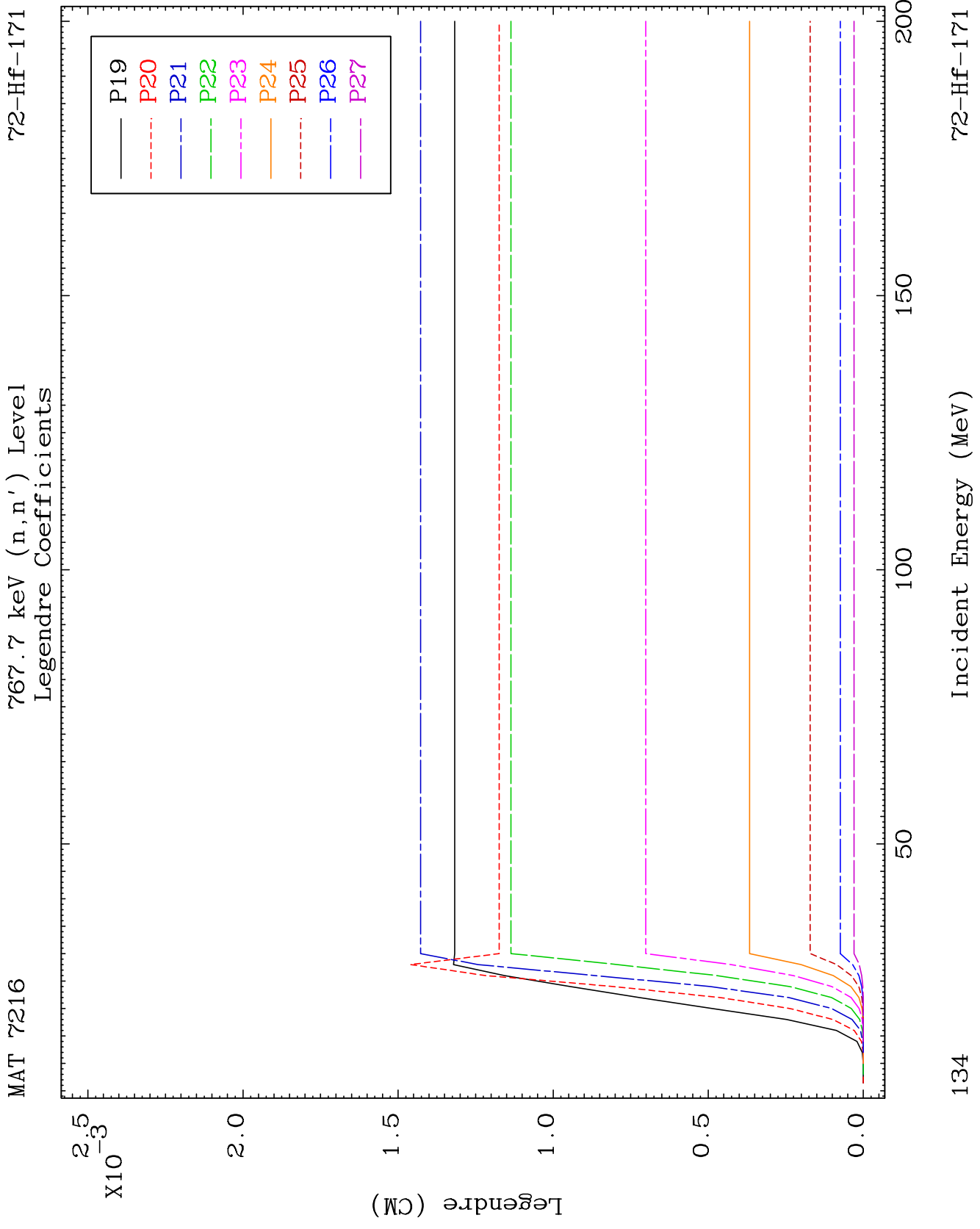
72-Hf-171



72-Hf-171

Incident Energy (MeV)

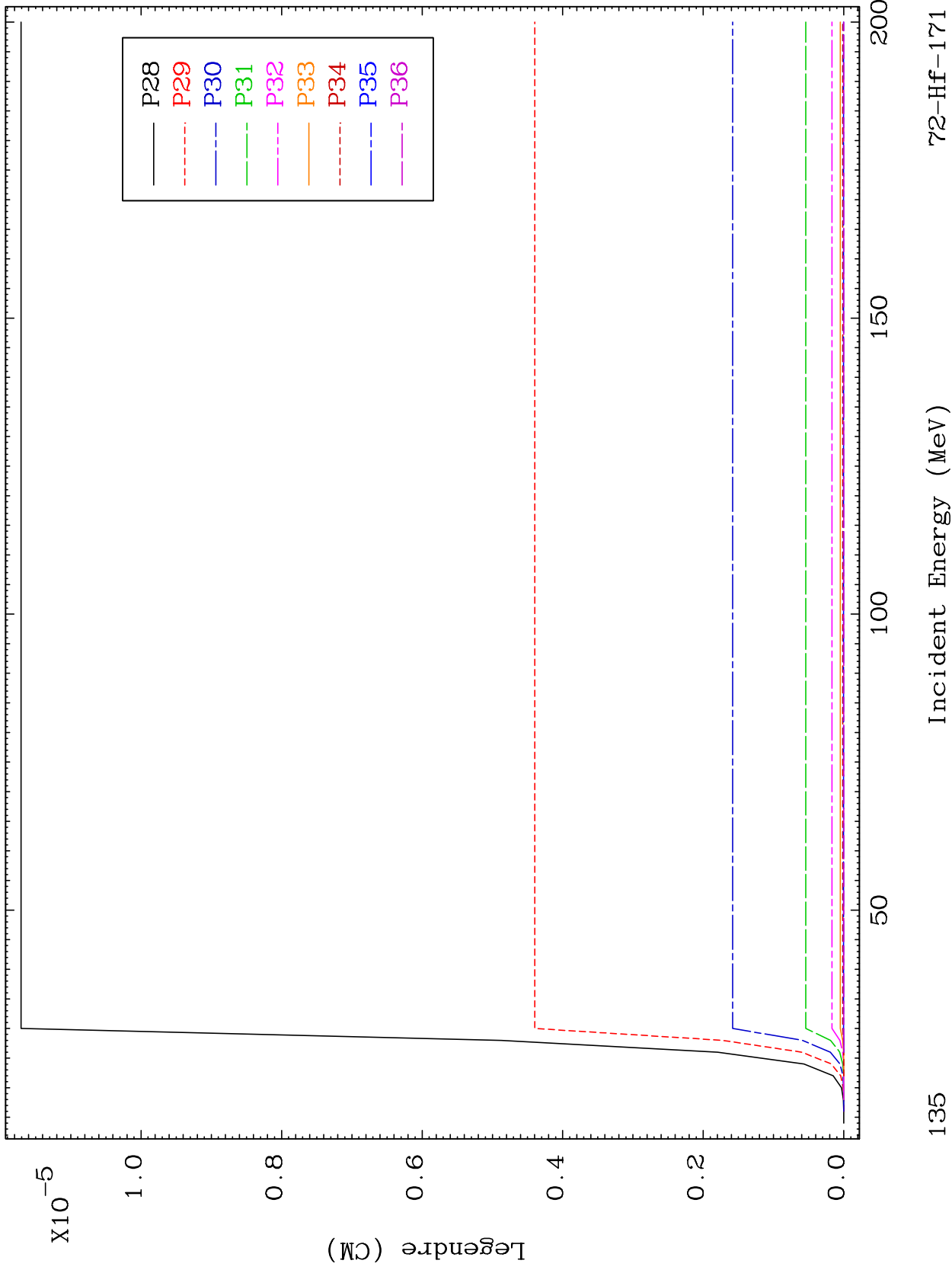
133



MAT 7216

767.7 keV (n,n') Level  
Legendre Coefficients

72-Hf-171



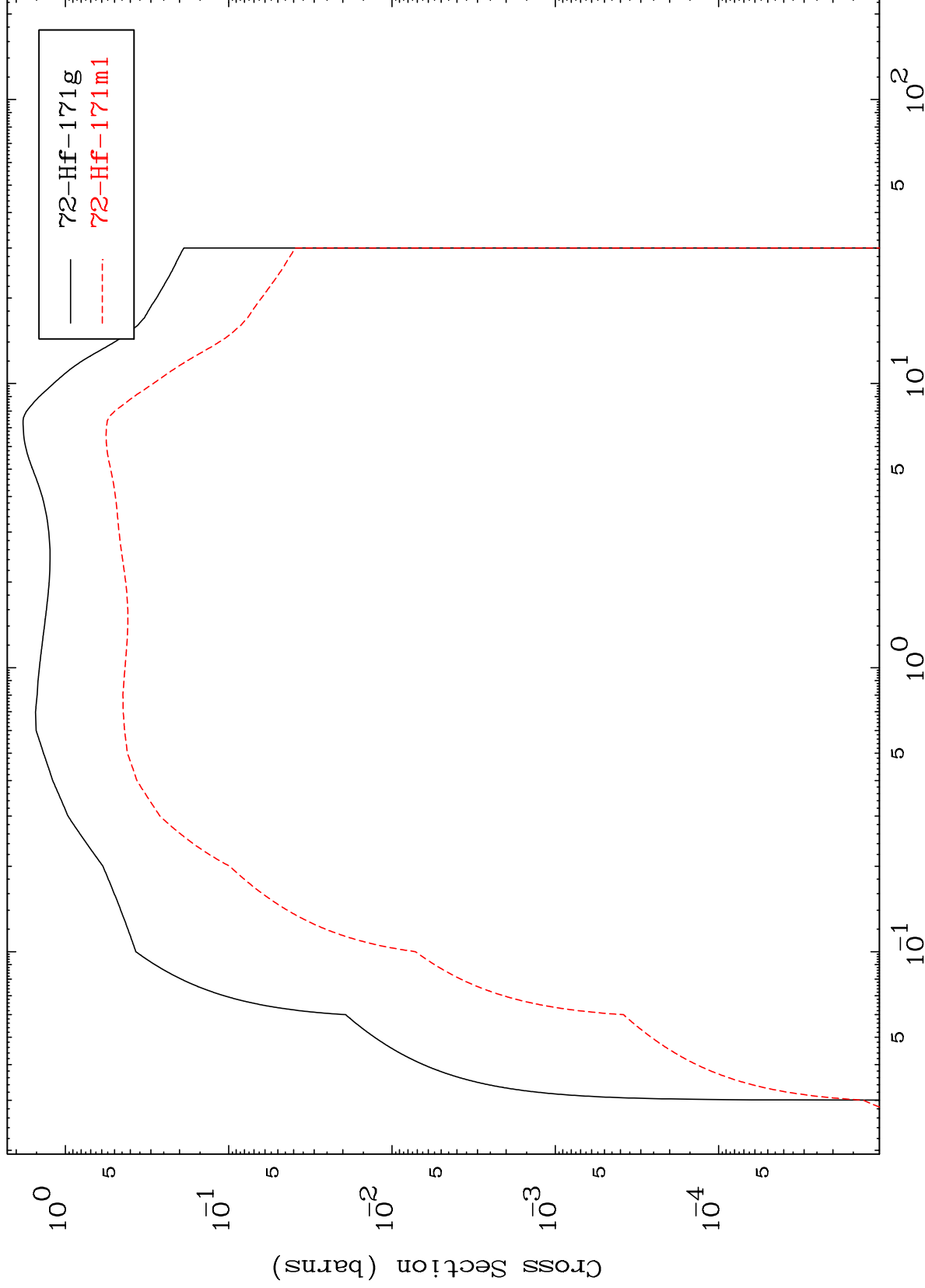
135



MAT 7216

72-Hf-171

Inelastic  
Radionuclide Production Cross Section

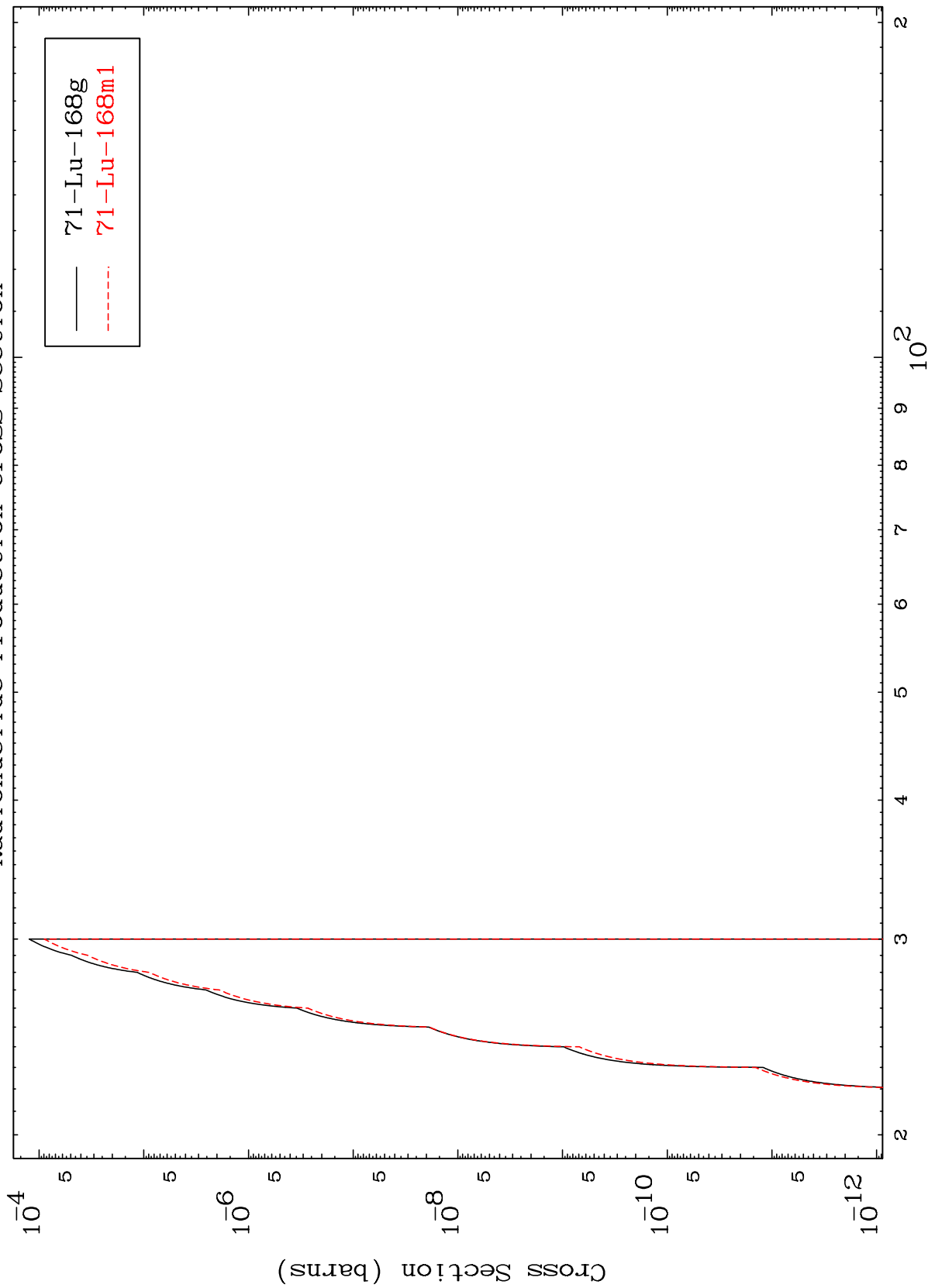


136

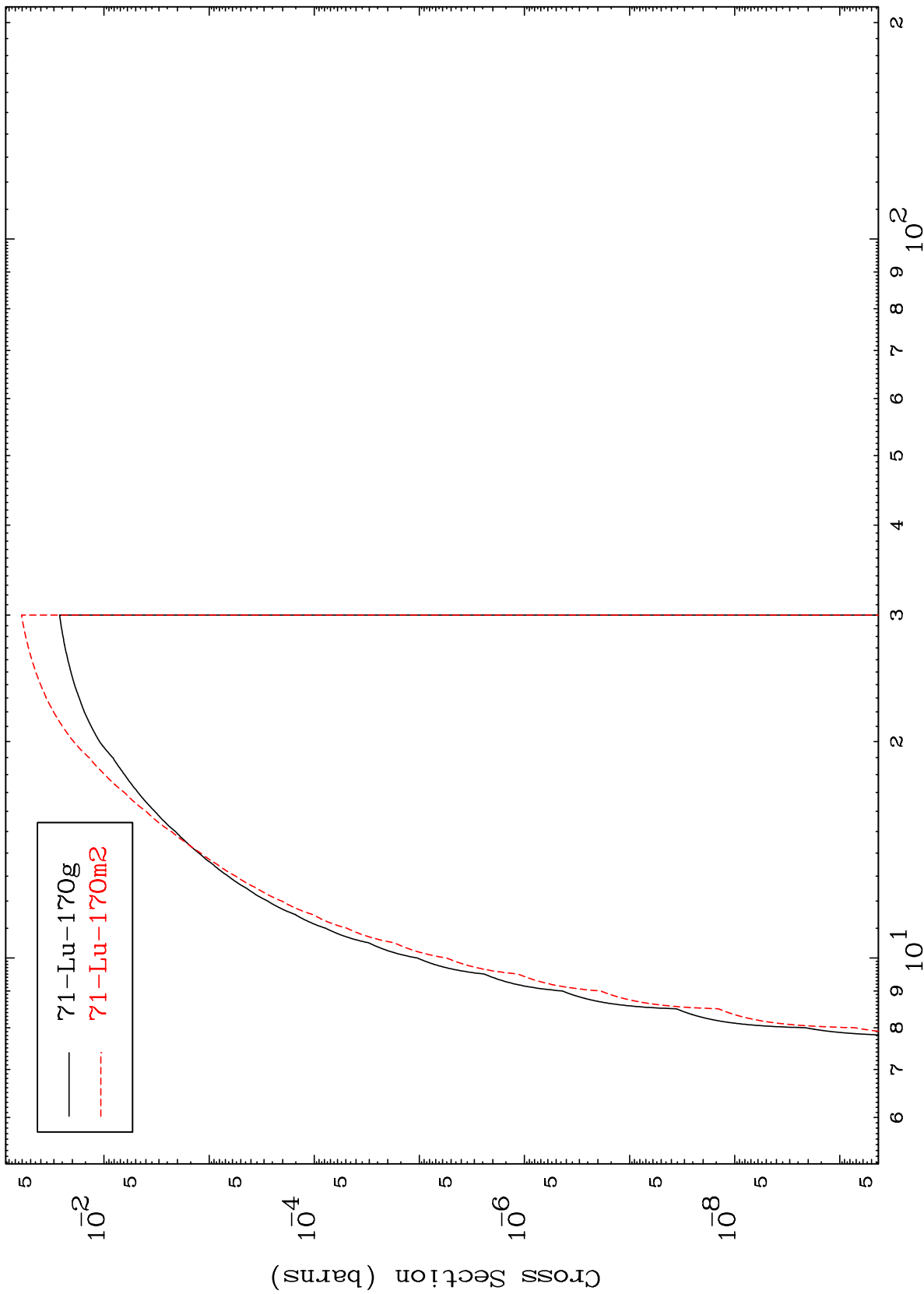
72-Hf-171

Incident Energy (MeV)

Radionuclide Production Cross Section



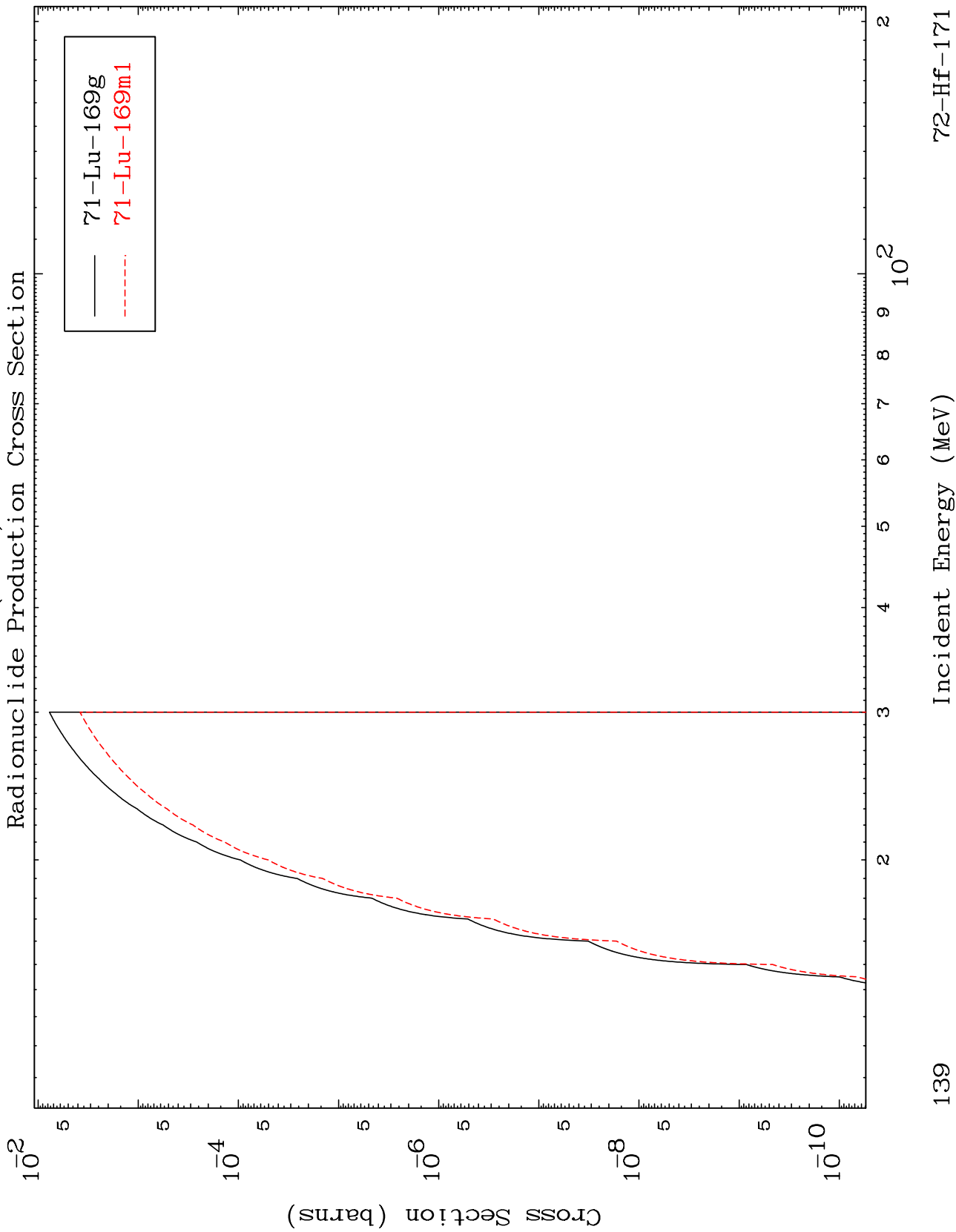
(n,n') p  
Radionuclide Production Cross Section



MAT 7216

(n,n') d

72-Hf-171



139

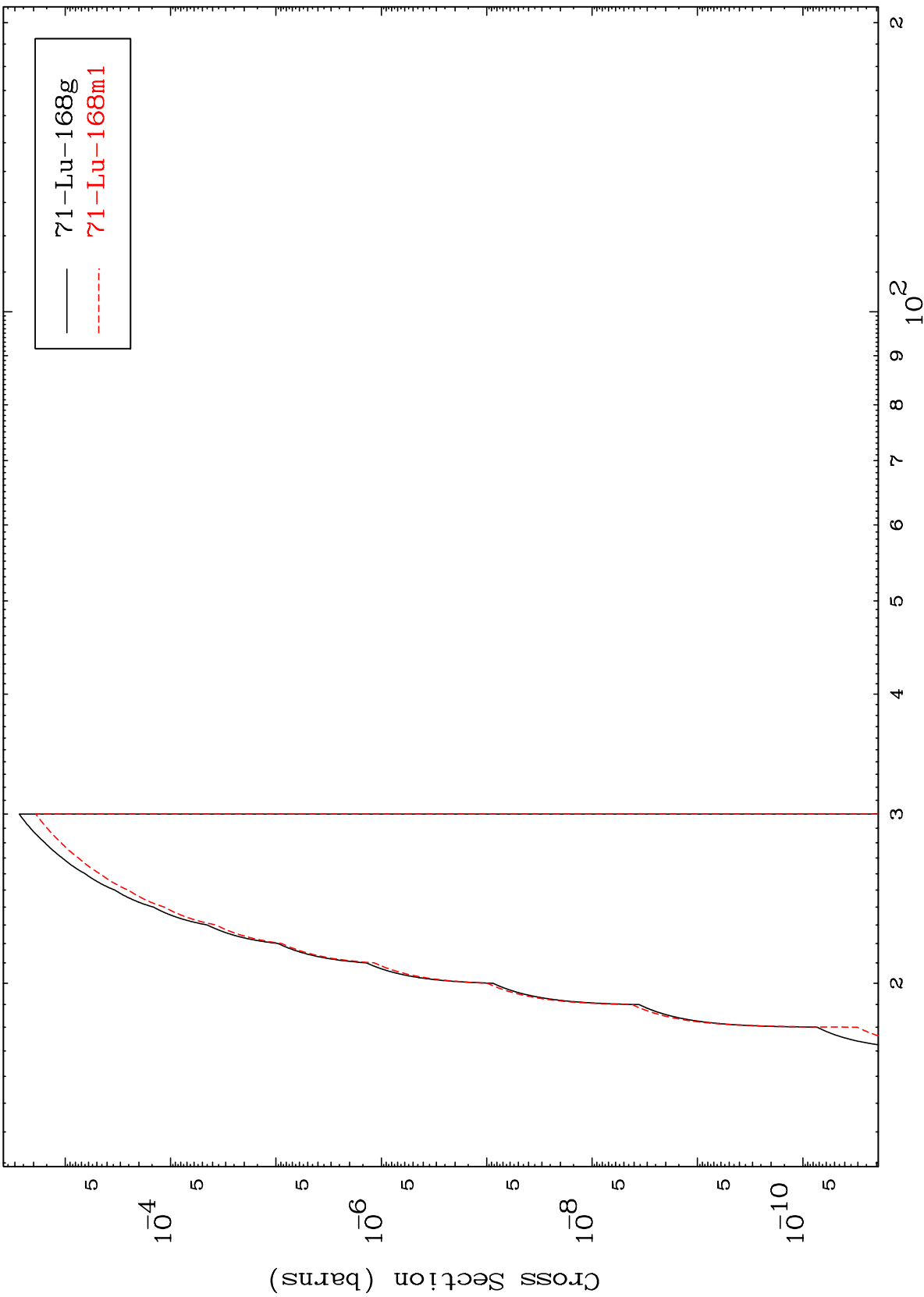
72-Hf-171

MAT 7216

(n,n') t

72-Hf-171

Radionuclide Production Cross Section



140

Incident Energy (MeV)

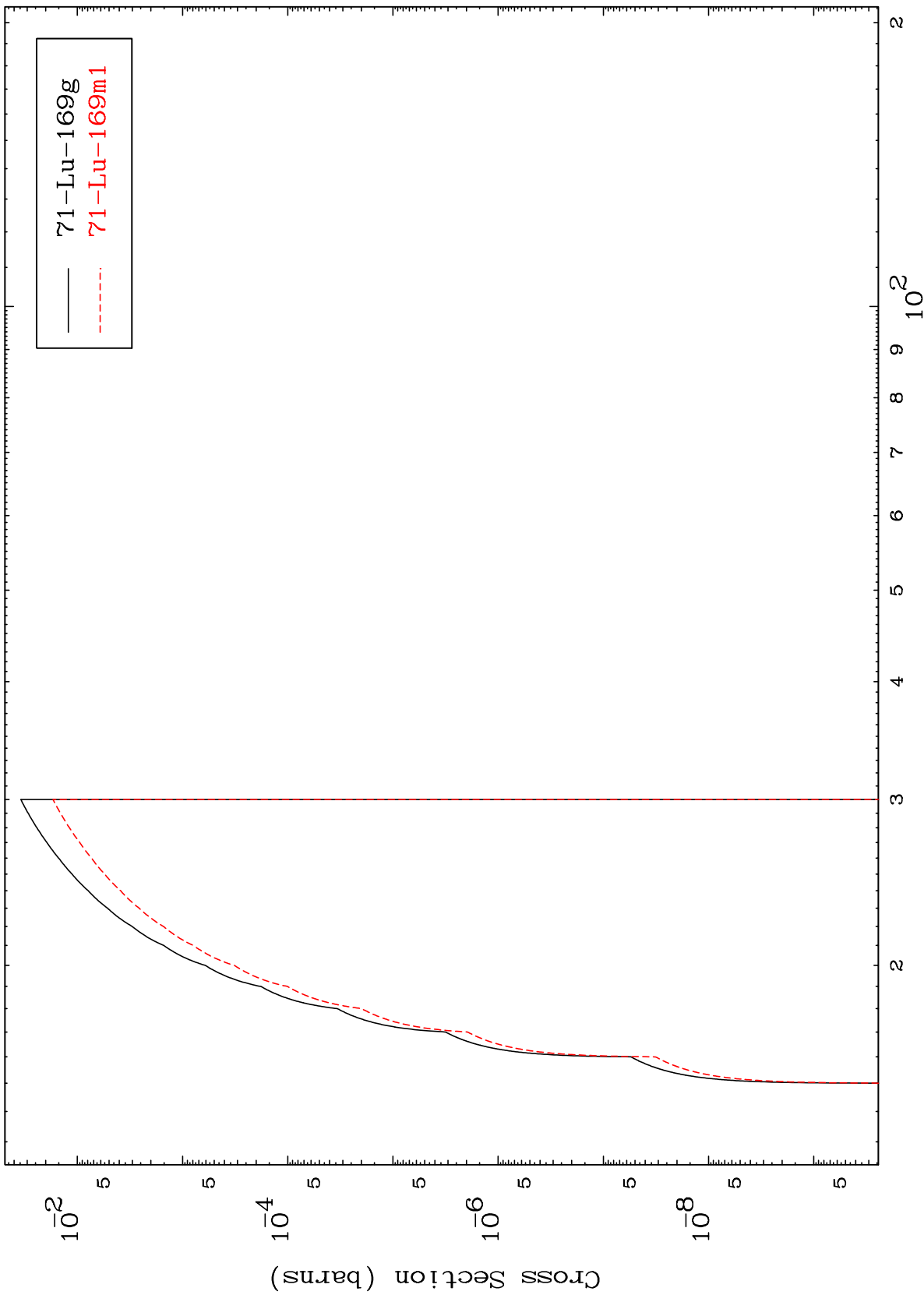
72-Hf-171

MAT 7216

(n,2n) p

72-Hf-171

Radionuclide Production Cross Section



141

Incident Energy (MeV)

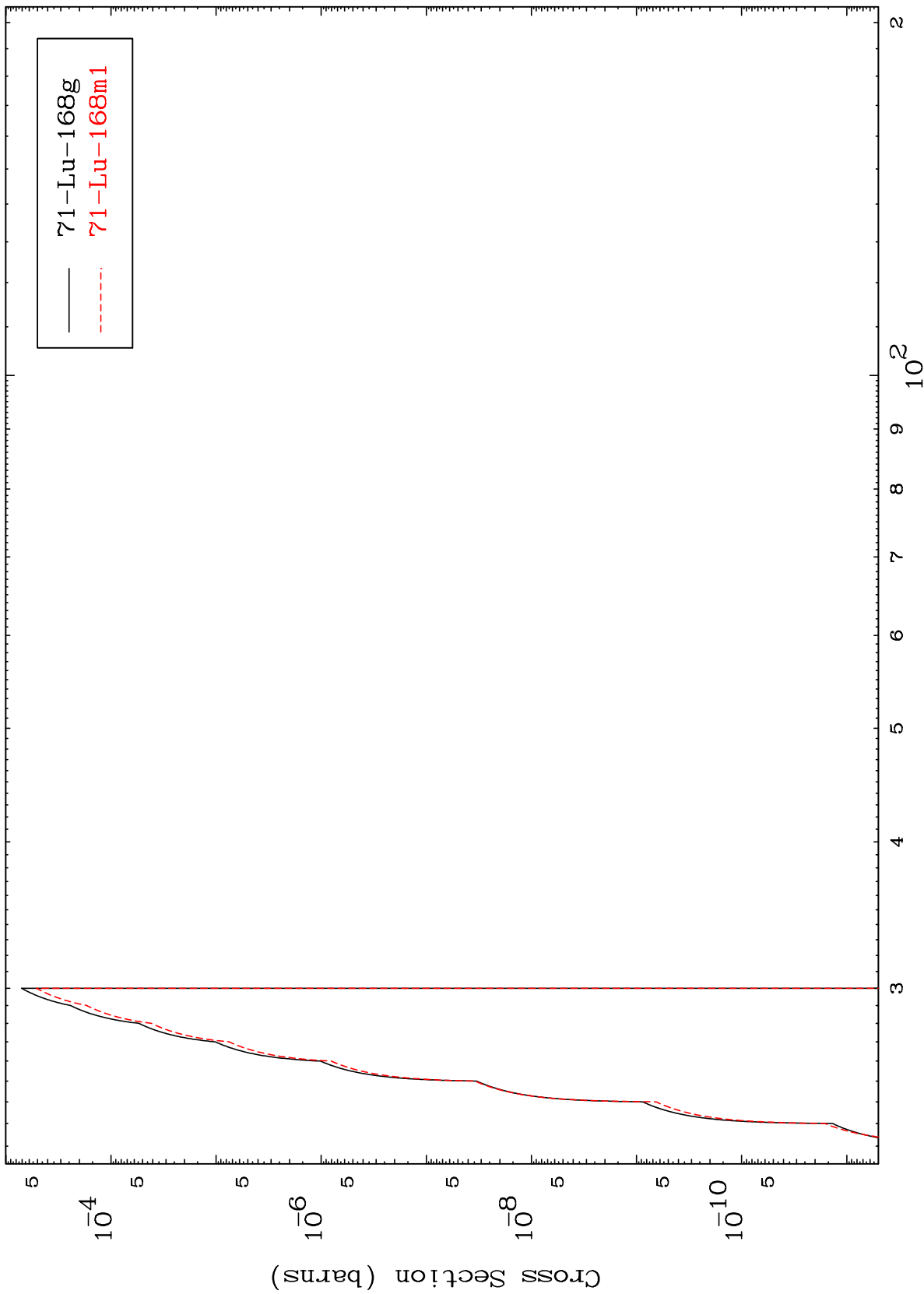
72-Hf-171

MAT 7216

(n,3n) p

72-Hf-171

Radionuclide Production Cross Section



142

Incident Energy (MeV)

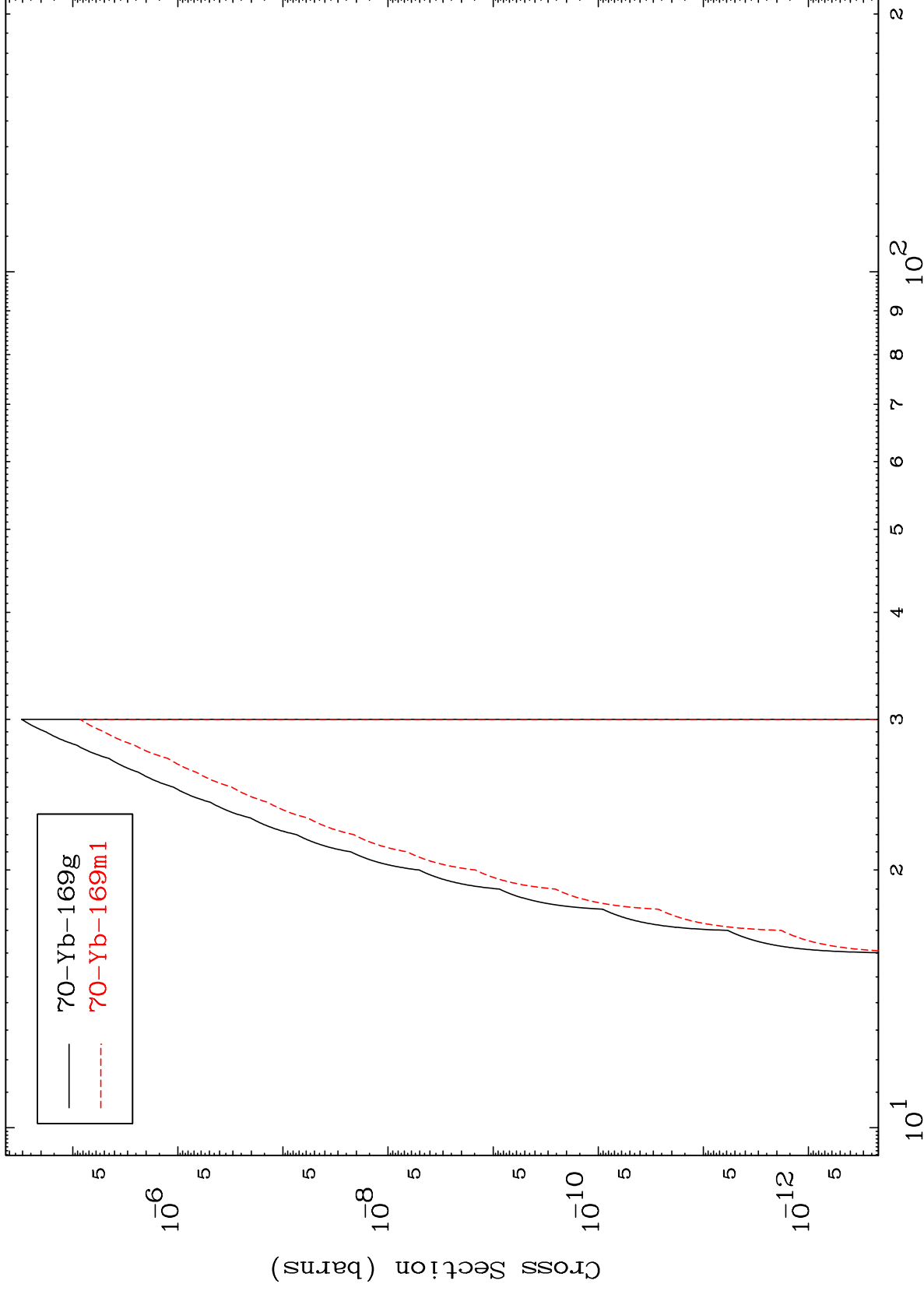
72-Hf-171

MAT 7216

(n,2n) p

72-Hf-171

Radionuclide Production Cross Section



143

Incident Energy (MeV)

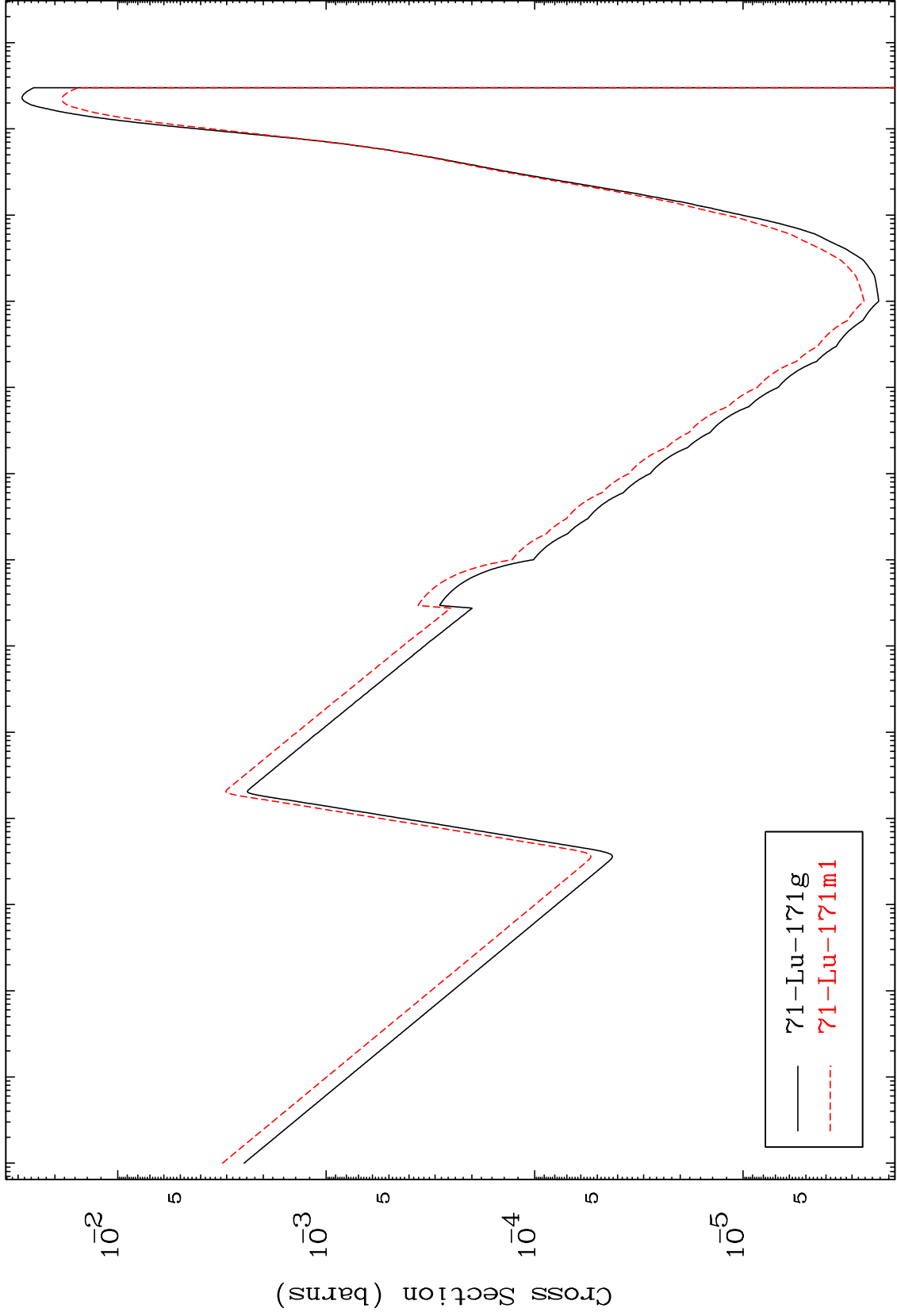
72-Hf-171



MAT 7216

72-Hf-171

(n,p)  
Radionuclide Production Cross Section



72-Hf-171

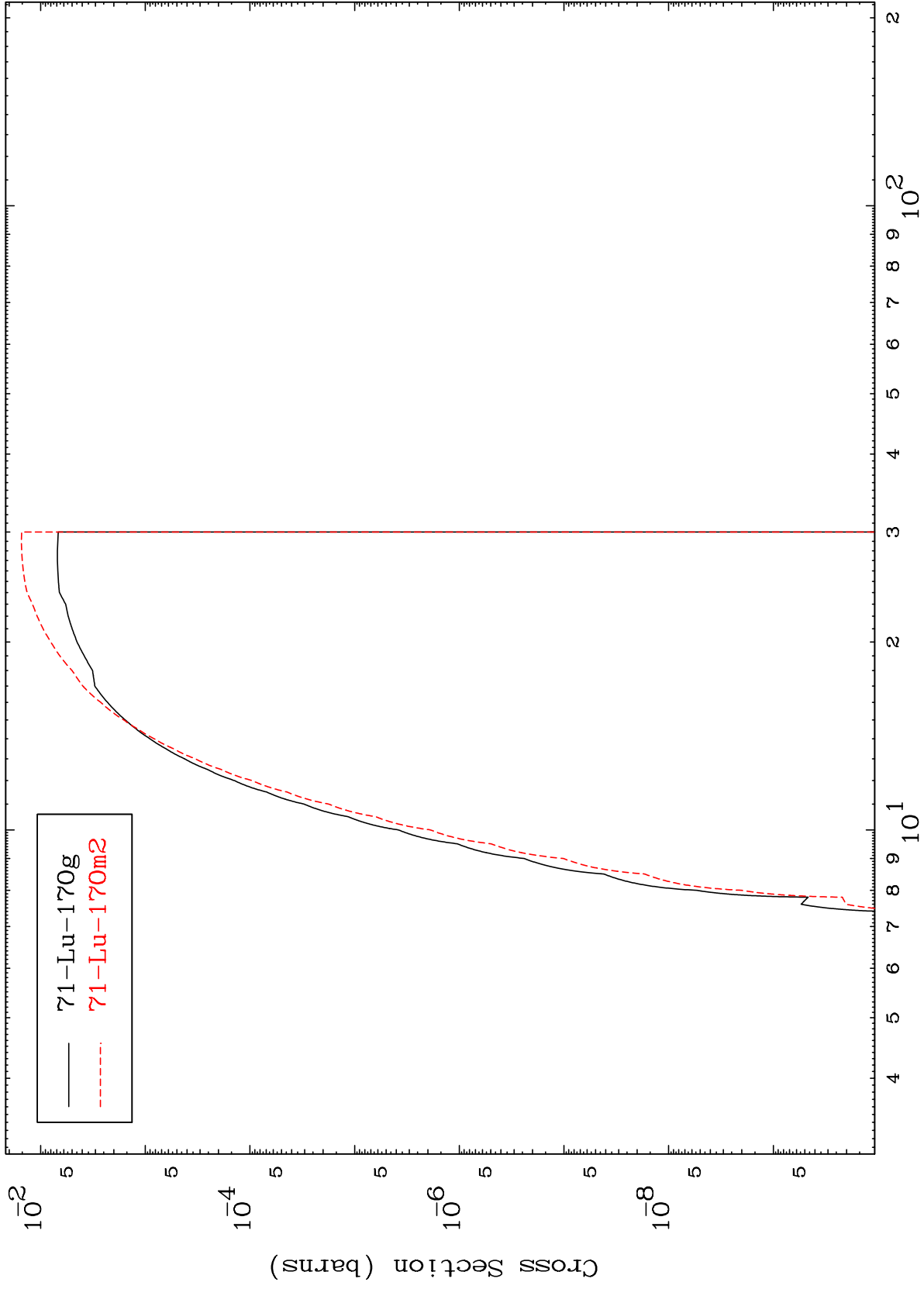
Incident Energy (MeV)

144

MAT 7216

72-Hf-171

(n,d)  
Radionuclide Production Cross Section

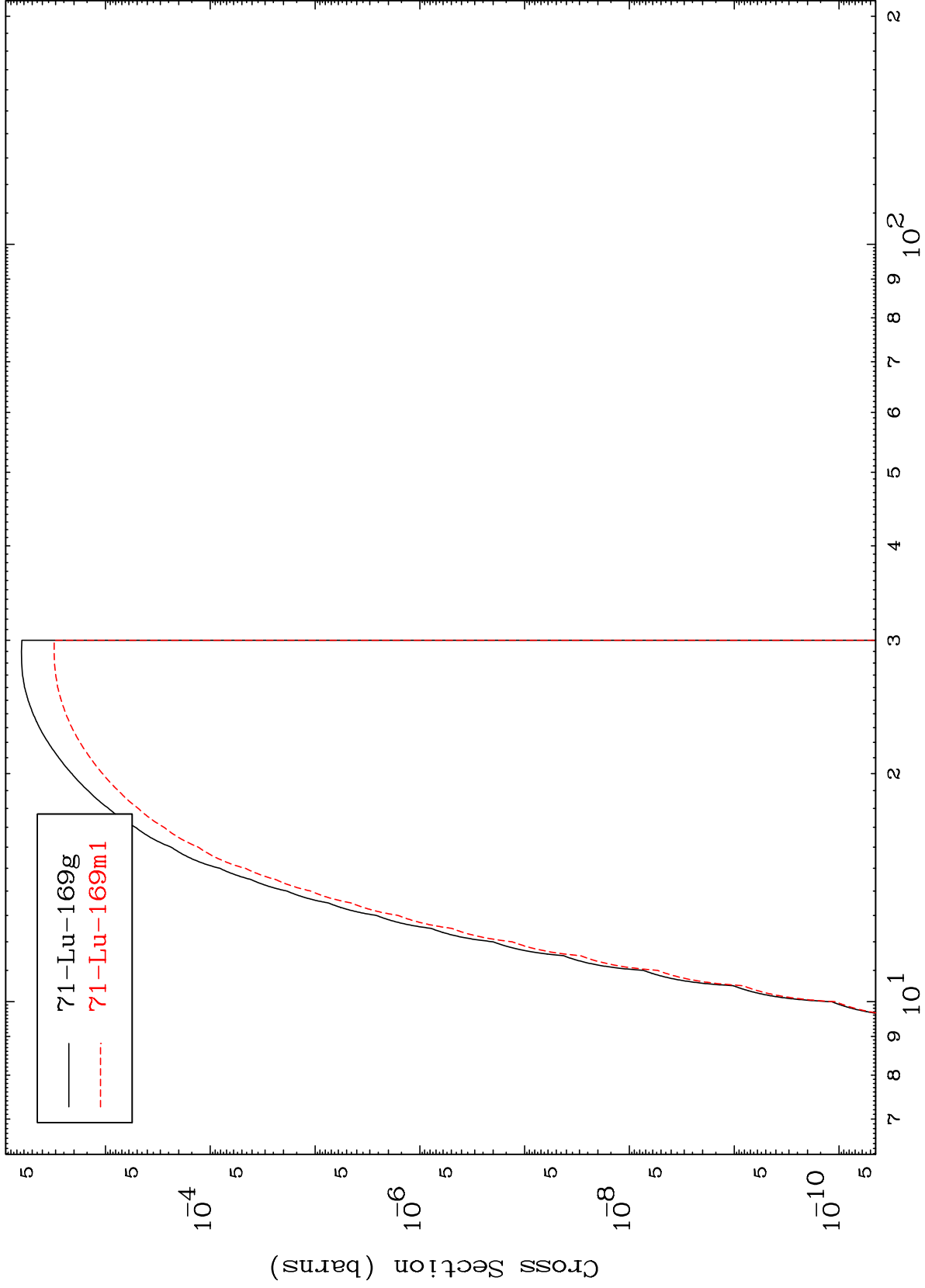


145

Incident Energy (MeV)

72-Hf-171

(n, t)  
Radionuclide Production Cross Section



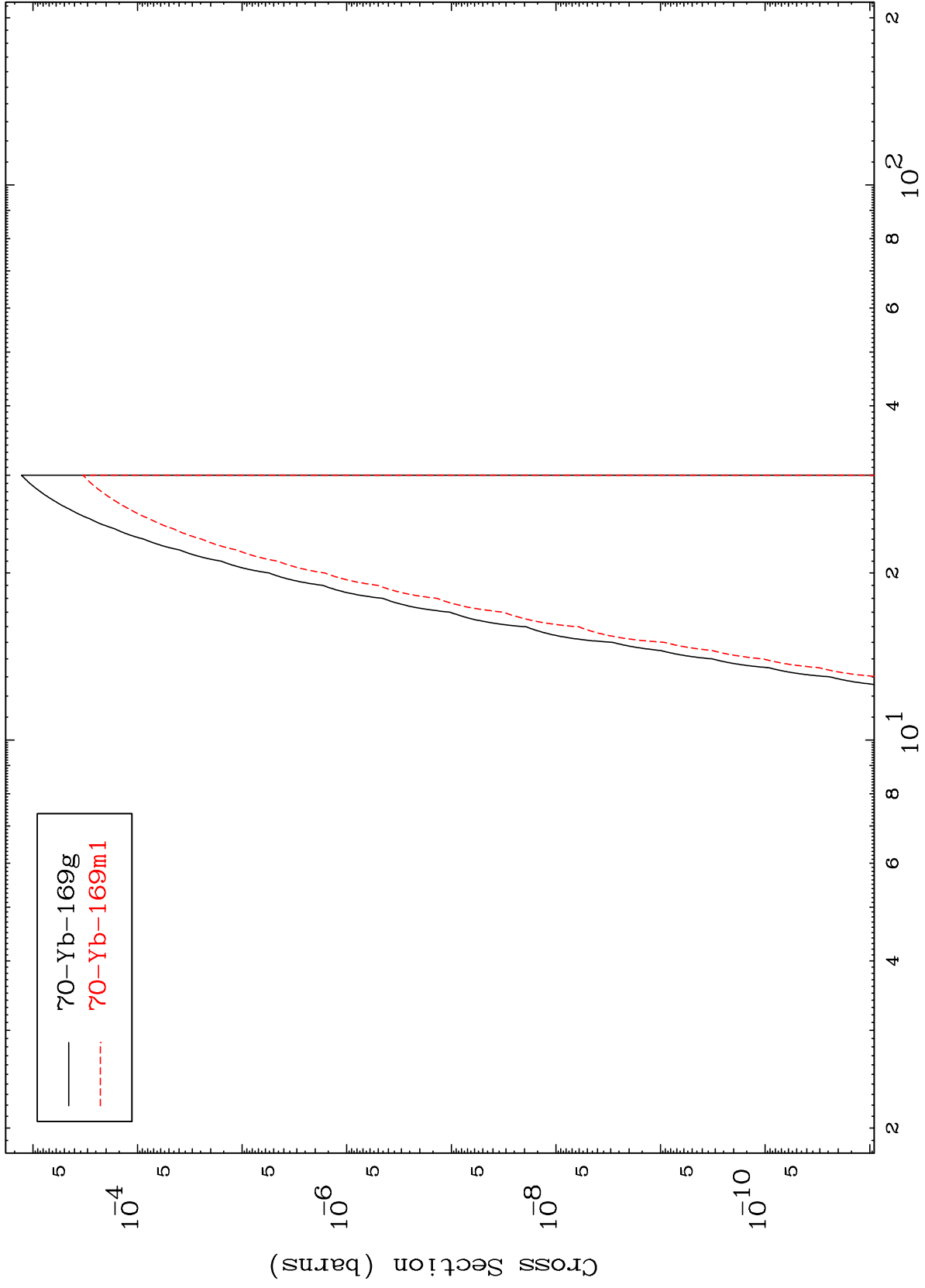
71-Lu-169g  
71-Lu-169m1

MAT 7216

(n,He-3)

72-Hf-171

Radionuclide Production Cross Section



147

Incident Energy (MeV)

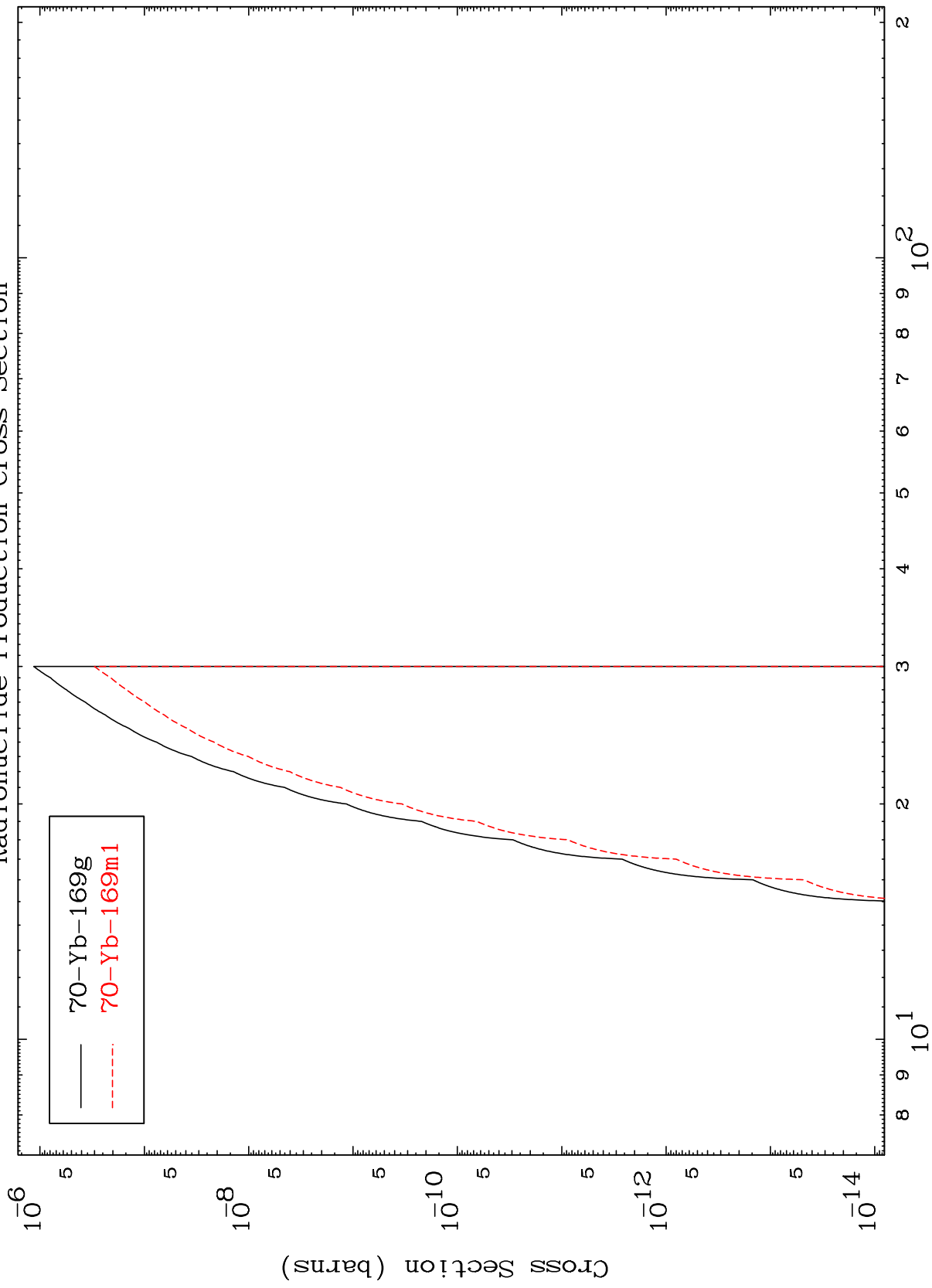
72-Hf-171

MAT 7216

(n,p) d

72-Hf-171

Radionuclide Production Cross Section



148

Incident Energy (MeV)

72-Hf-171