

Program EVALPLOT  
(Version 2015-2)

by

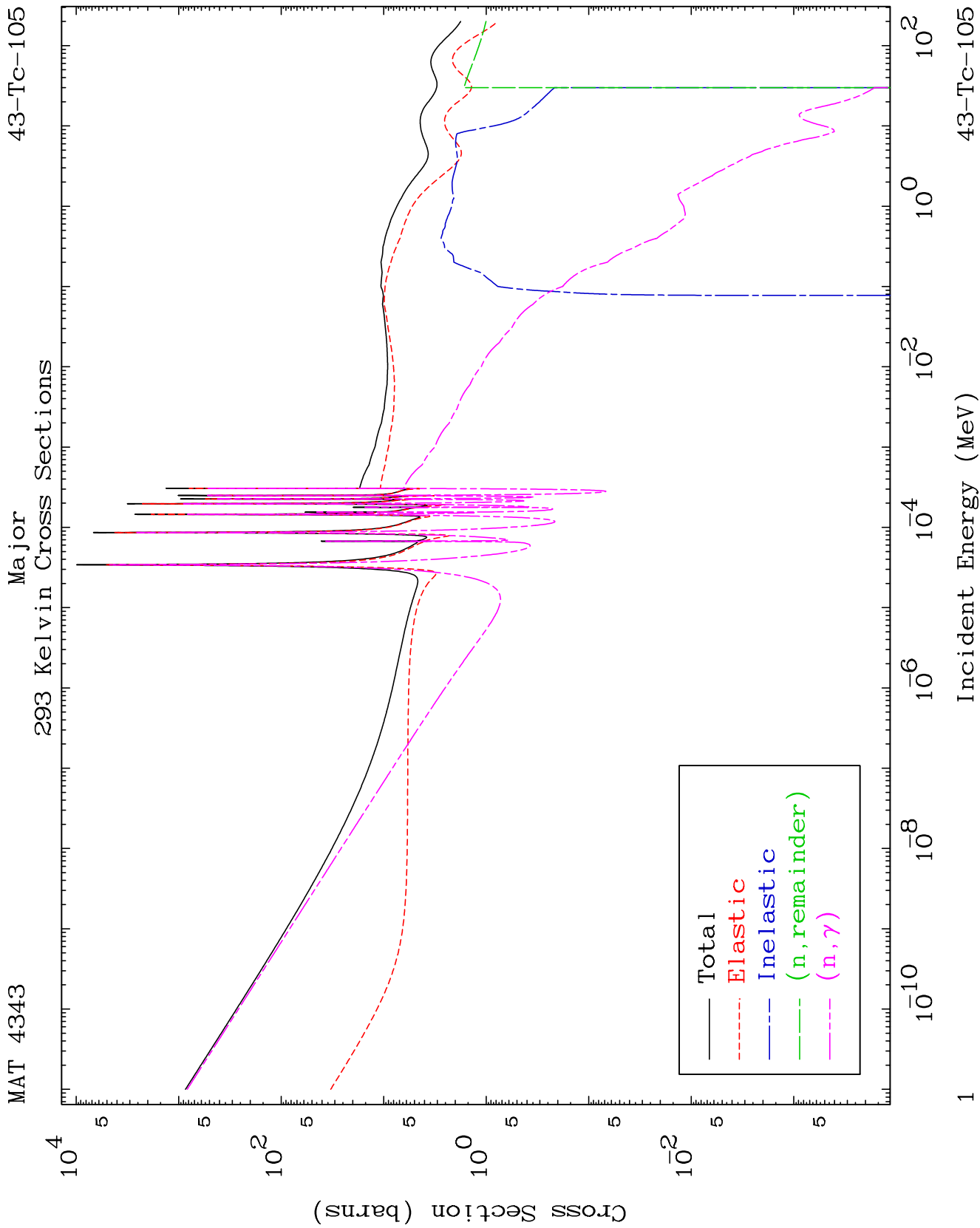
Dermott E. Cullen  
(Present Contact Information)

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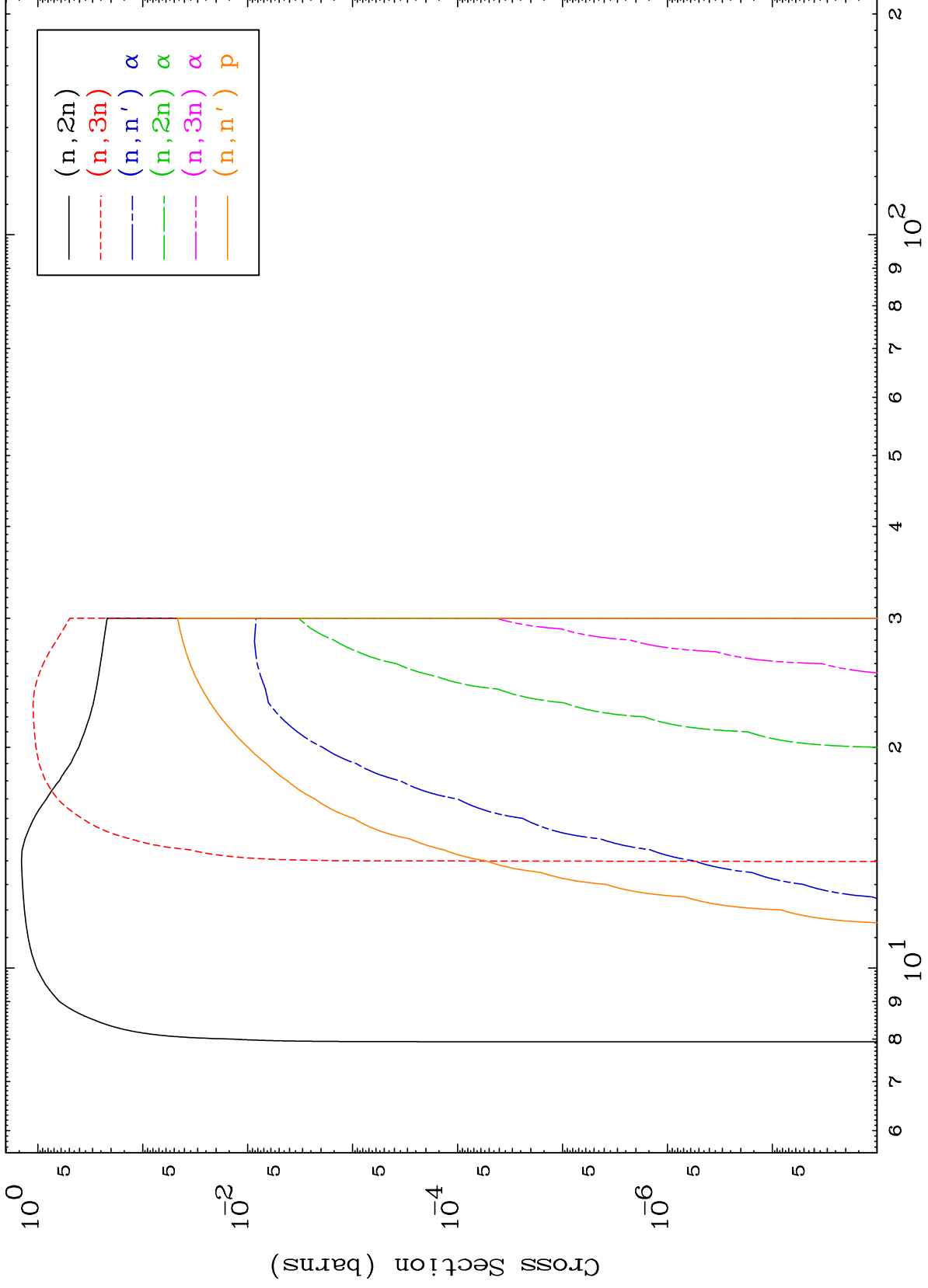
Press Mouse Button to Start



MAT 4343

Neutron Production  
293 Kelvin Cross Sections

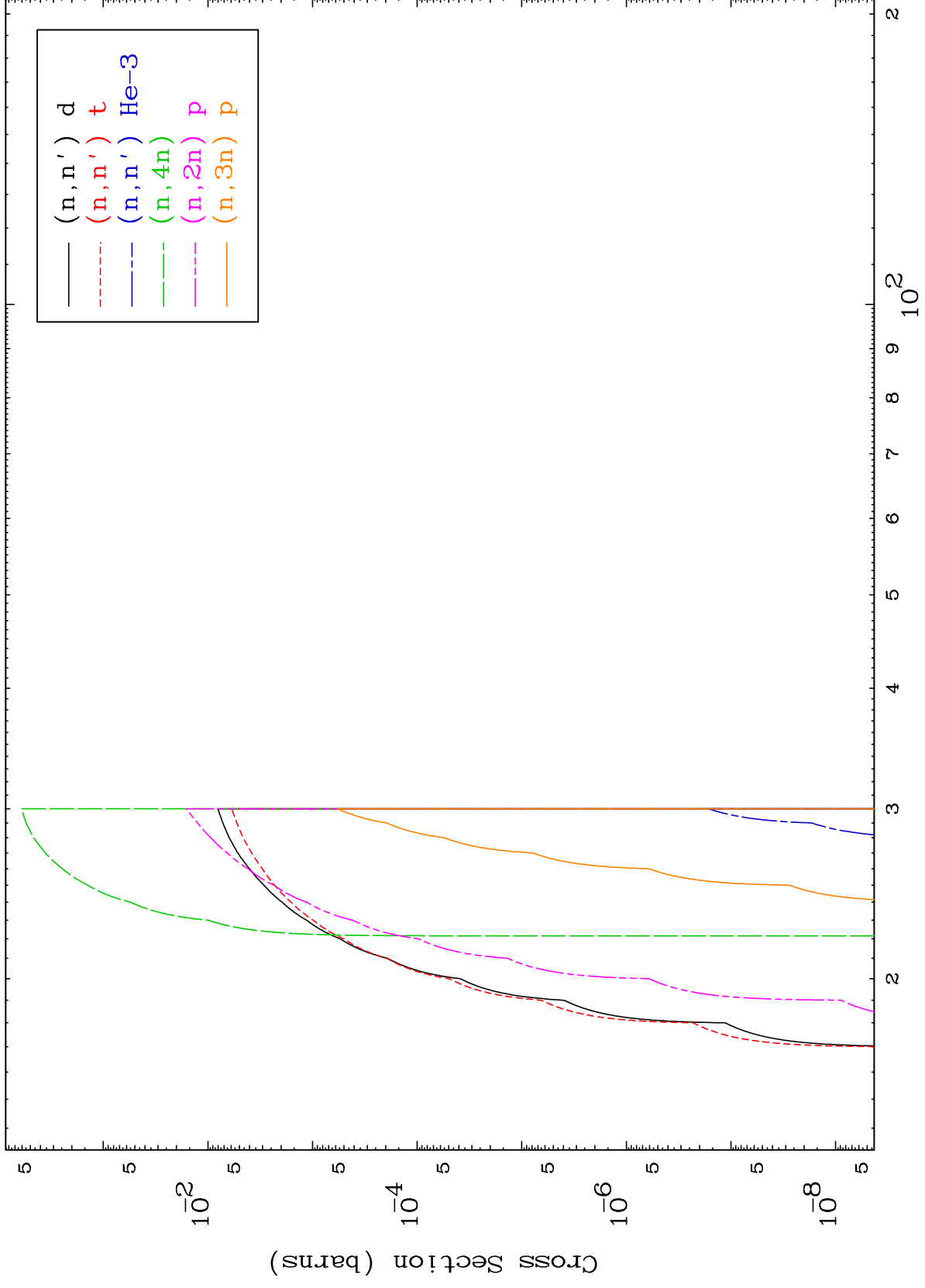
43-Tc-105



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Incident Energy (MeV)

43-Tc-105

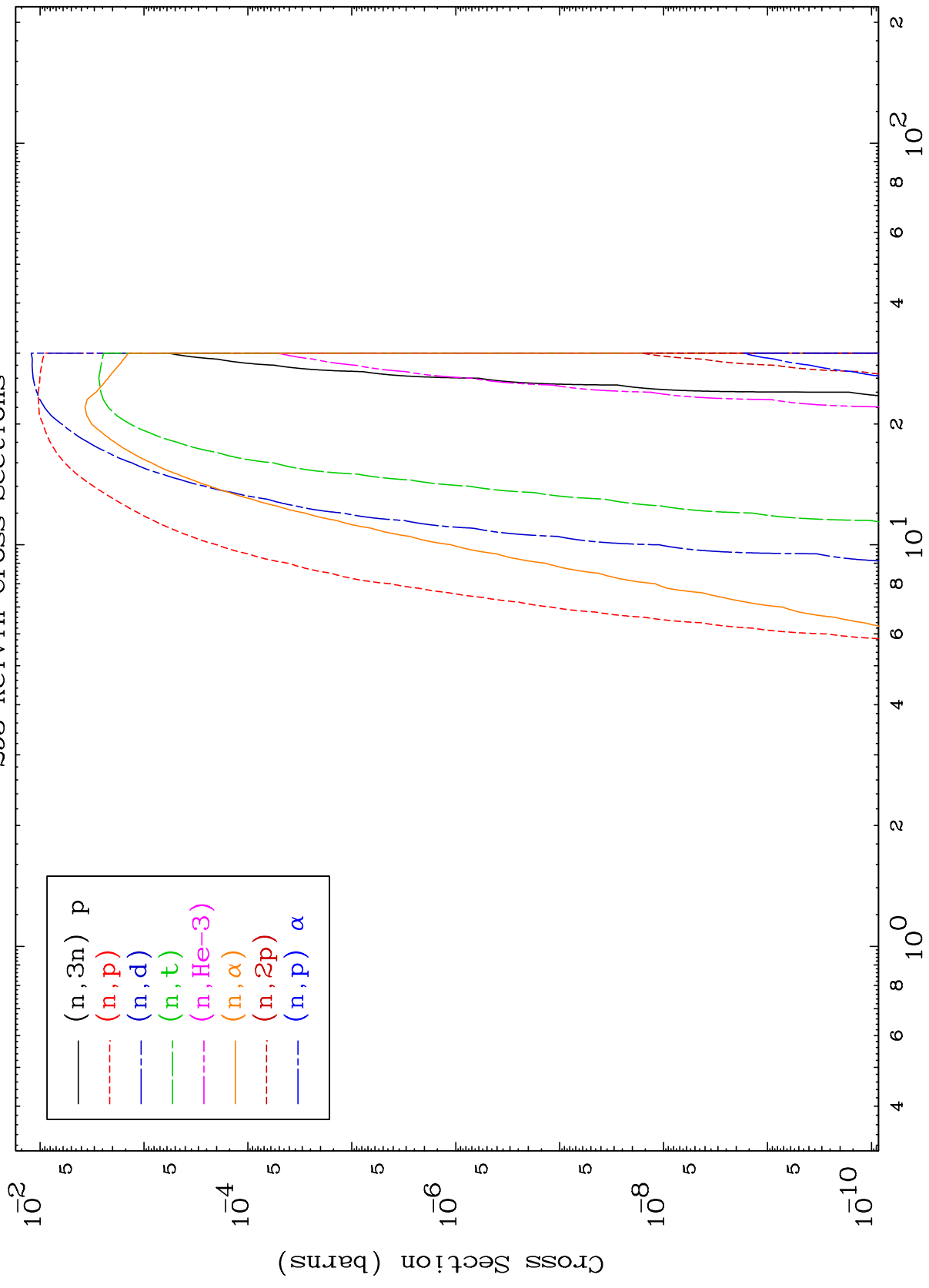




MAT 4343

Charged Particle  
293 Kelvin Cross Sections

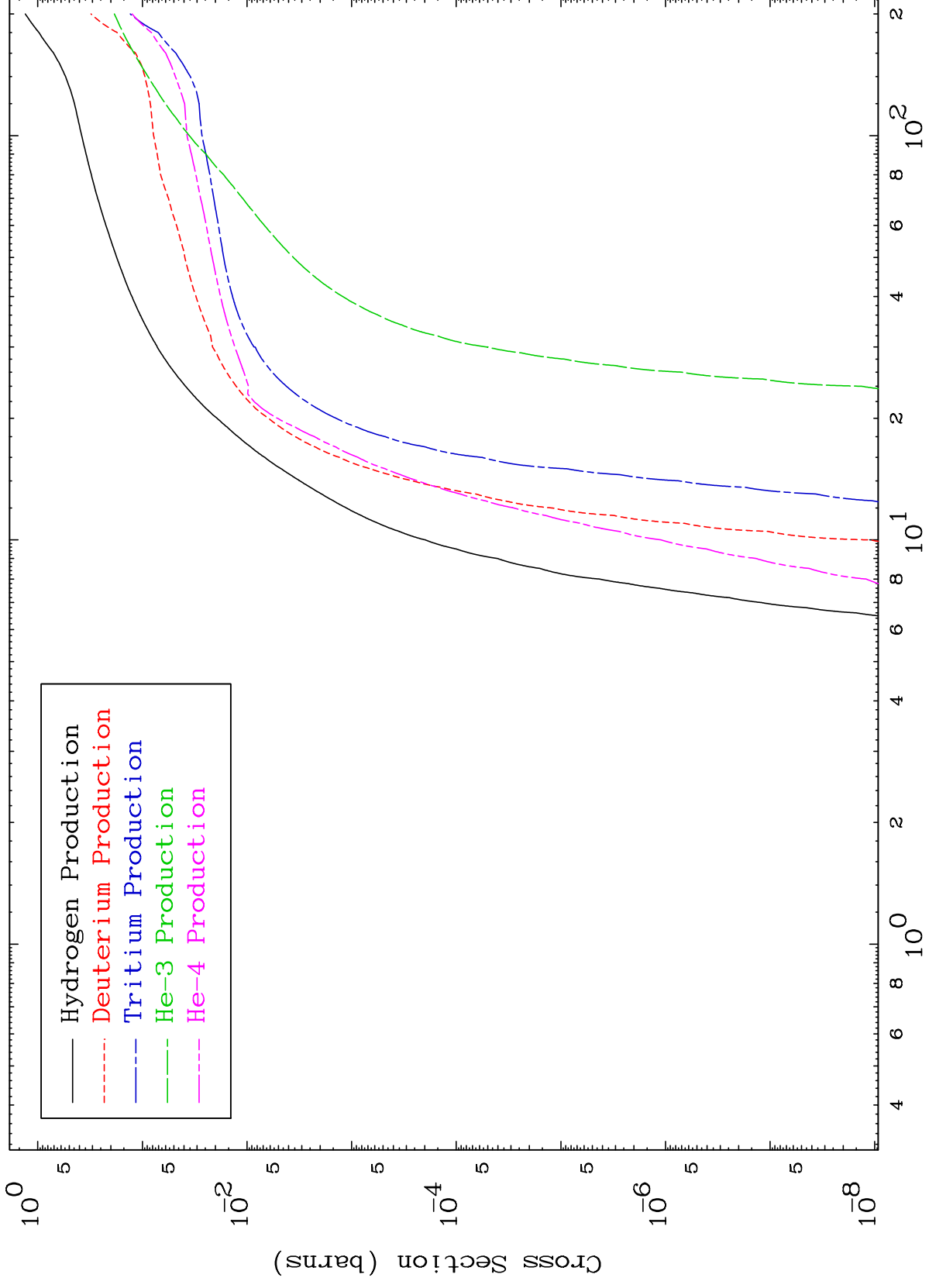
43-Tc-105



MAT 4343

Particle Production  
293 Kelvin Cross Sections

43-Tc-105



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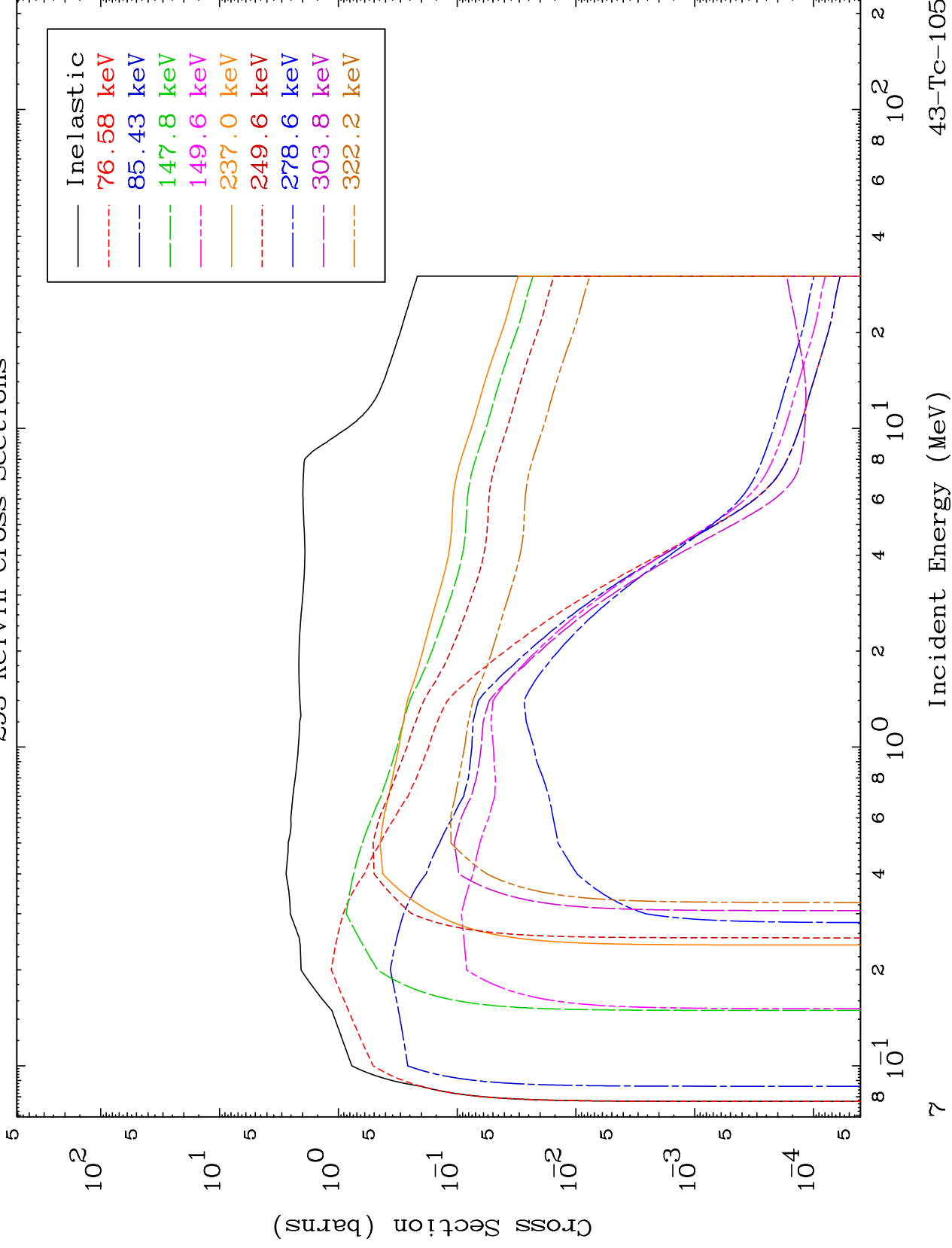
Incident Energy (MeV)

43-Tc-105

MAT 4343

(n,n') Level  
293 Kelvin Cross Sections

43-Tc-105

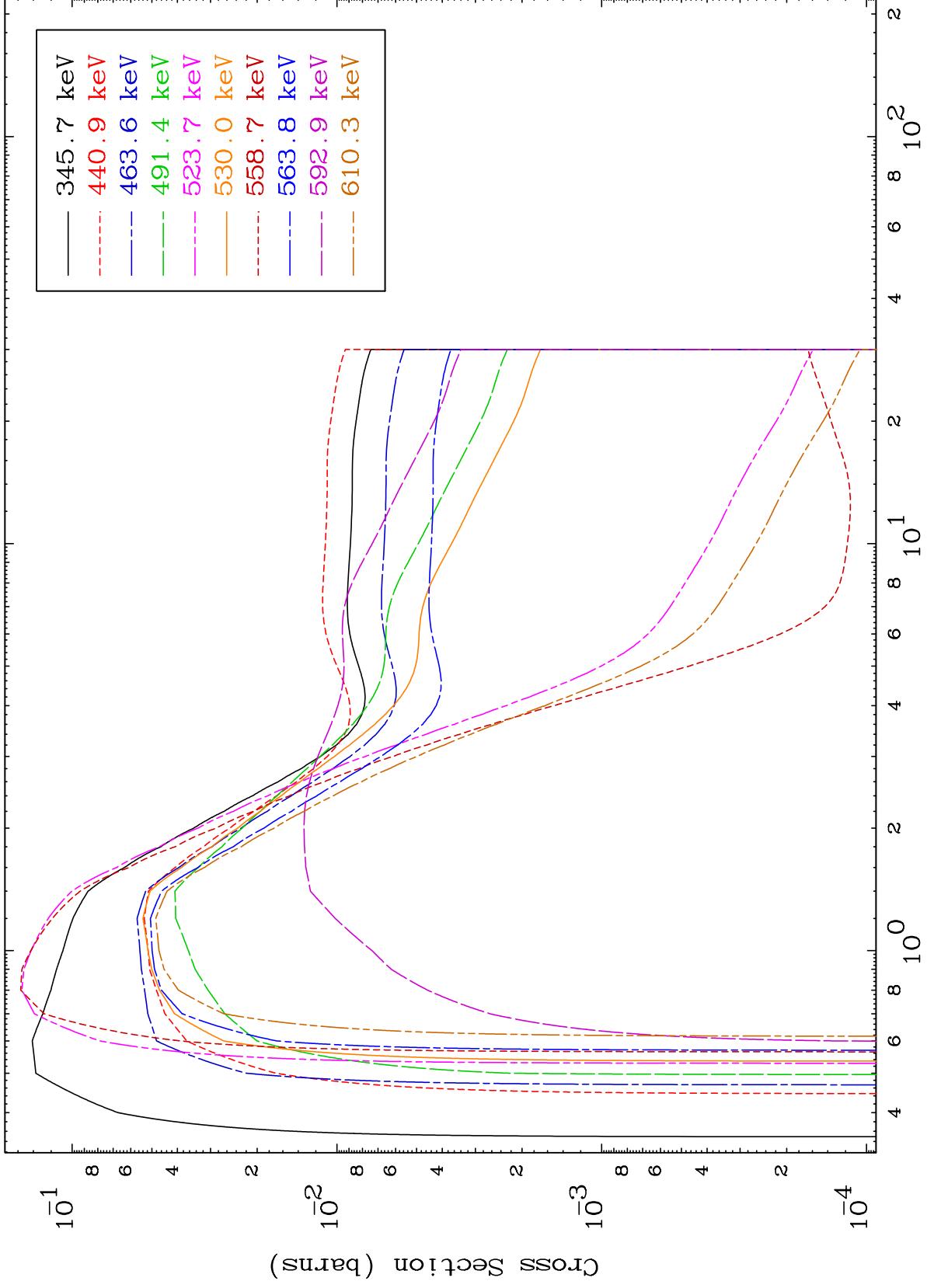




MAT 4343

(n,n') Level  
293 Kelvin Cross Sections

43-Tc-105



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Incident Energy (MeV)

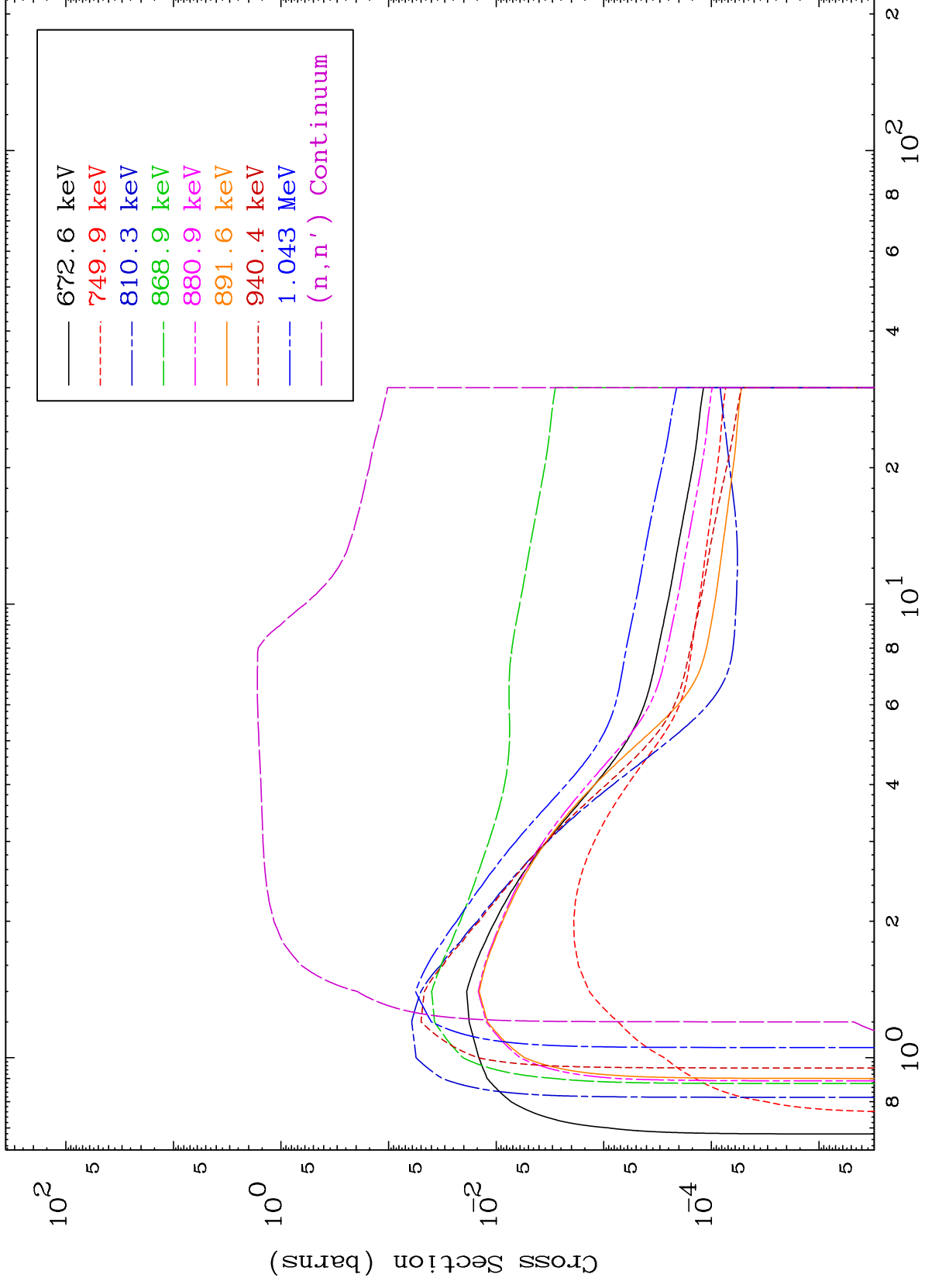
43-Tc-105

MAT 4343

(n,n') Level

43-Tc-105

293 Kelvin Cross Sections



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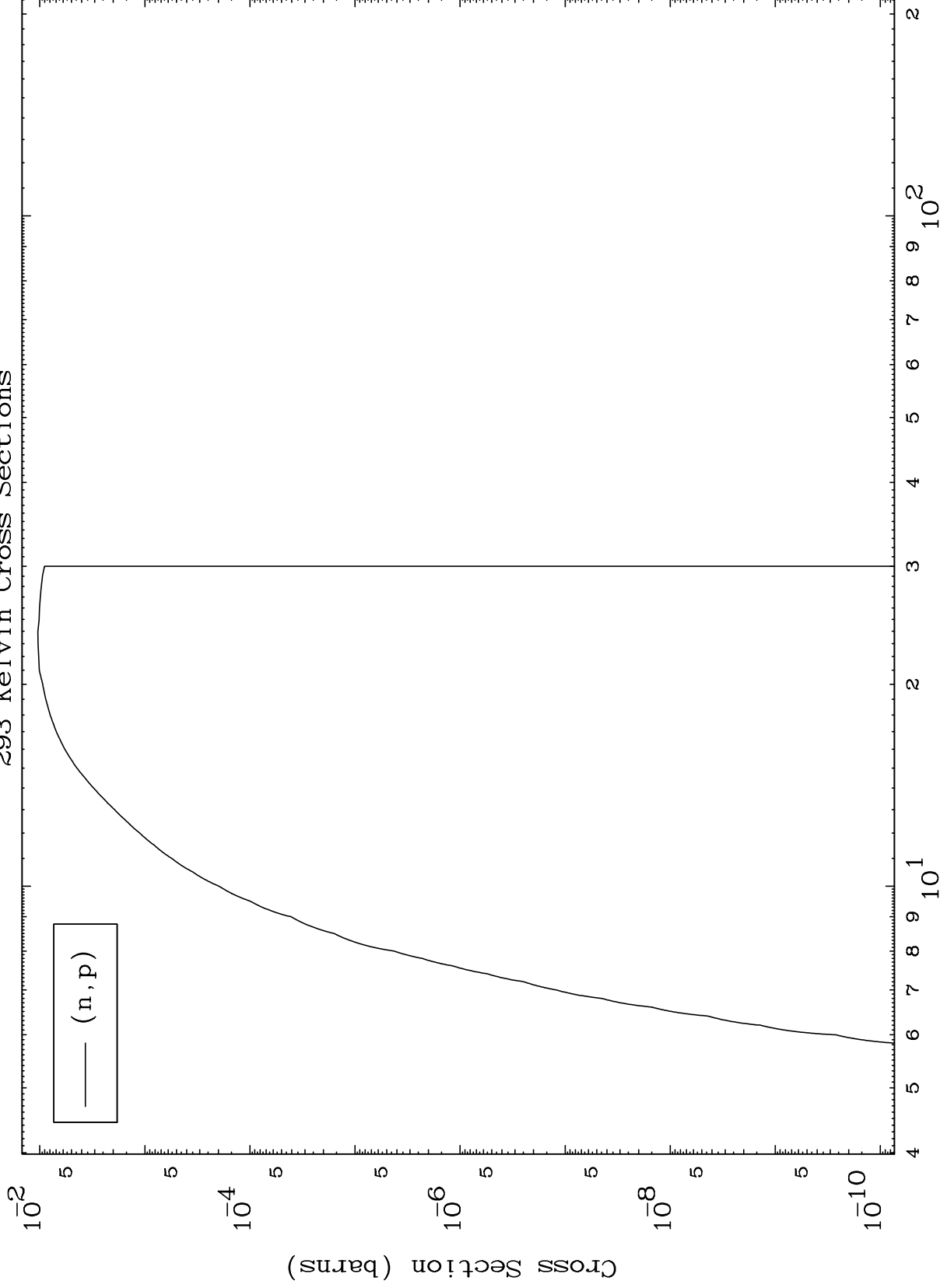
Incident Energy (MeV)

43-Tc-105

MAT 4343

(n,p) Levels  
293 Kelvin Cross Sections

43-Tc-105



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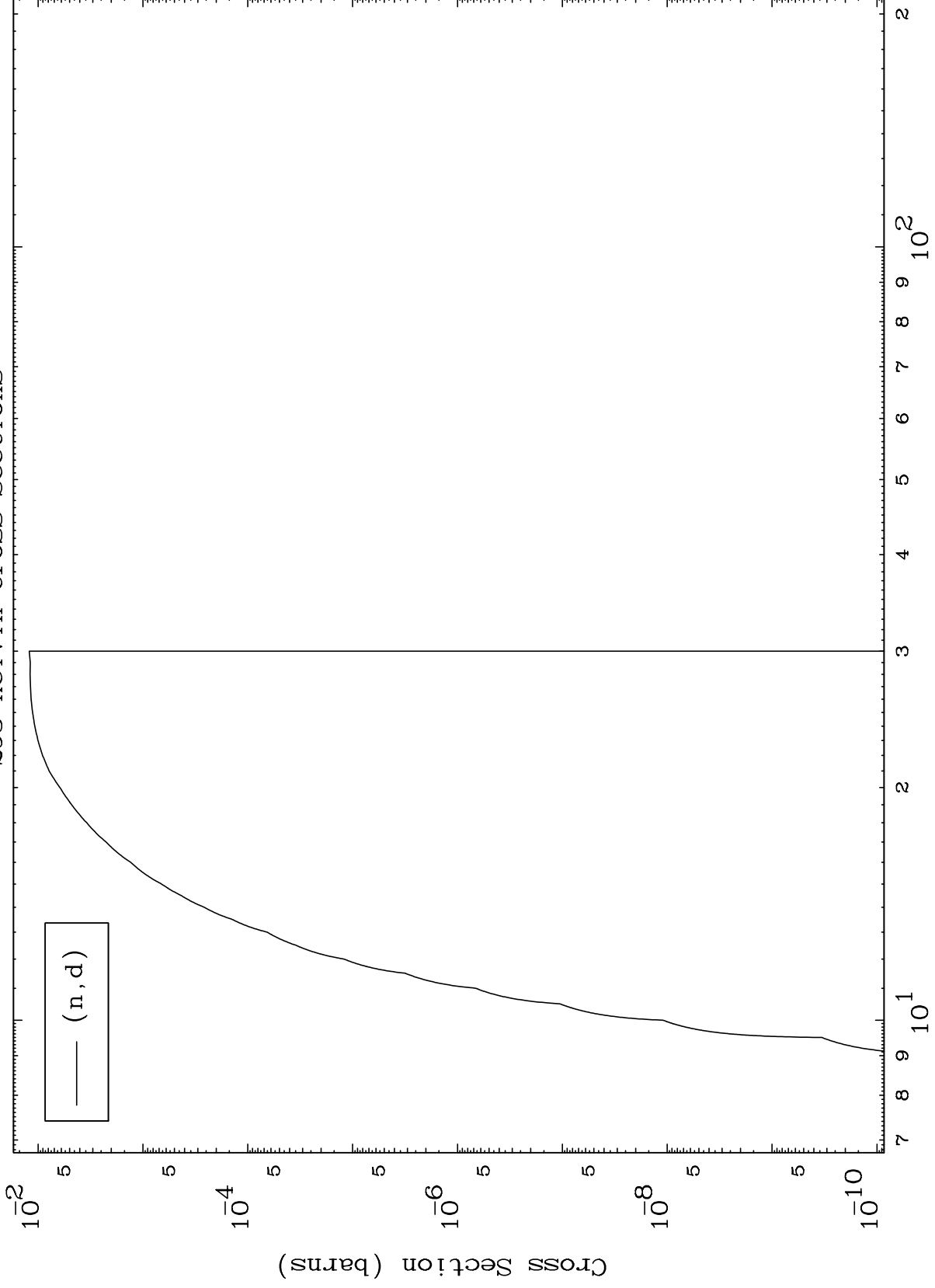
Incident Energy (MeV)

43-Tc-105

MAT 4343

(n,d) Levels  
293 Kelvin Cross Sections

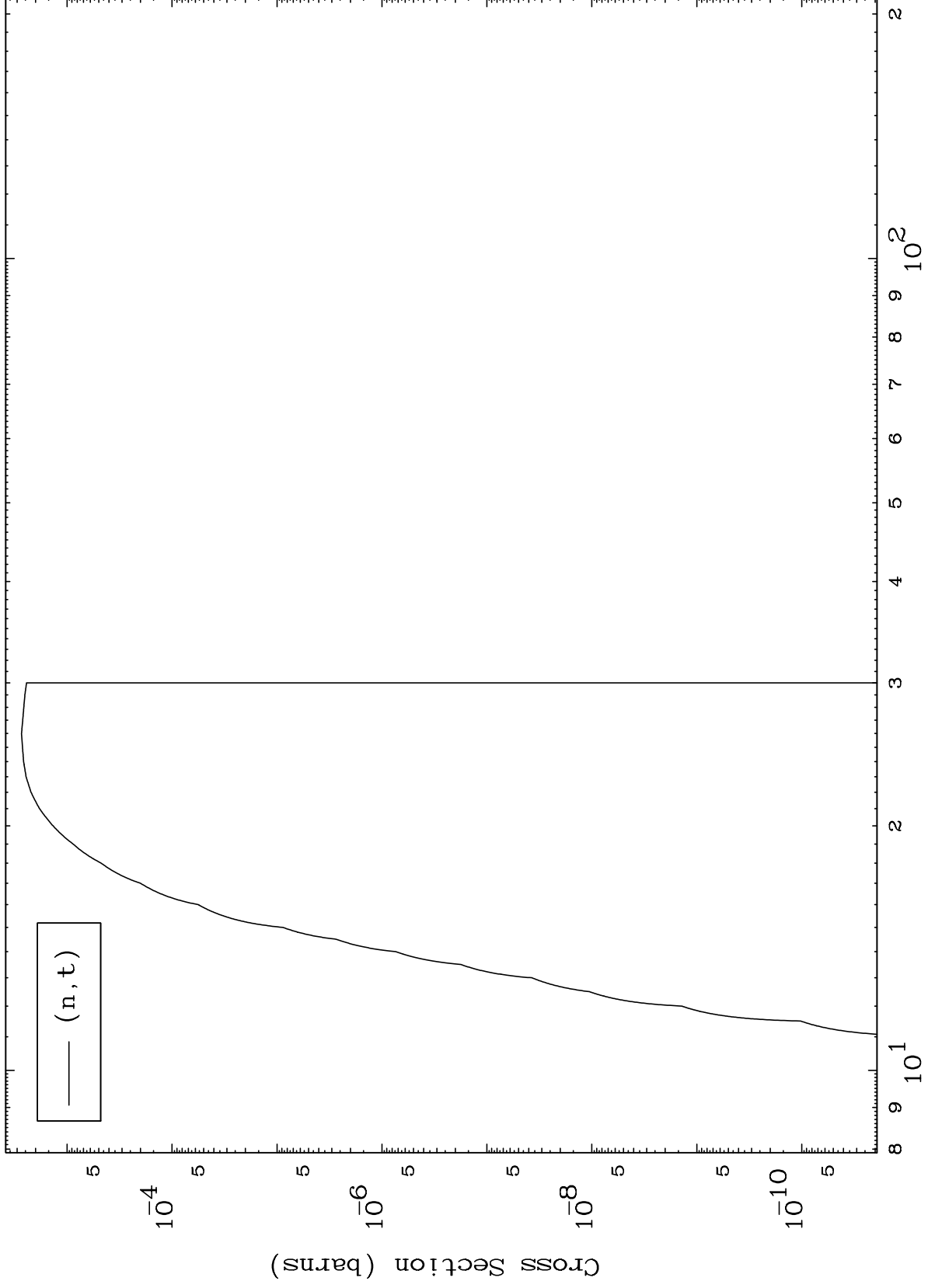
43-Tc-105



MAT 4343

(n,t) Levels  
293 Kelvin Cross Sections

43-Tc-105



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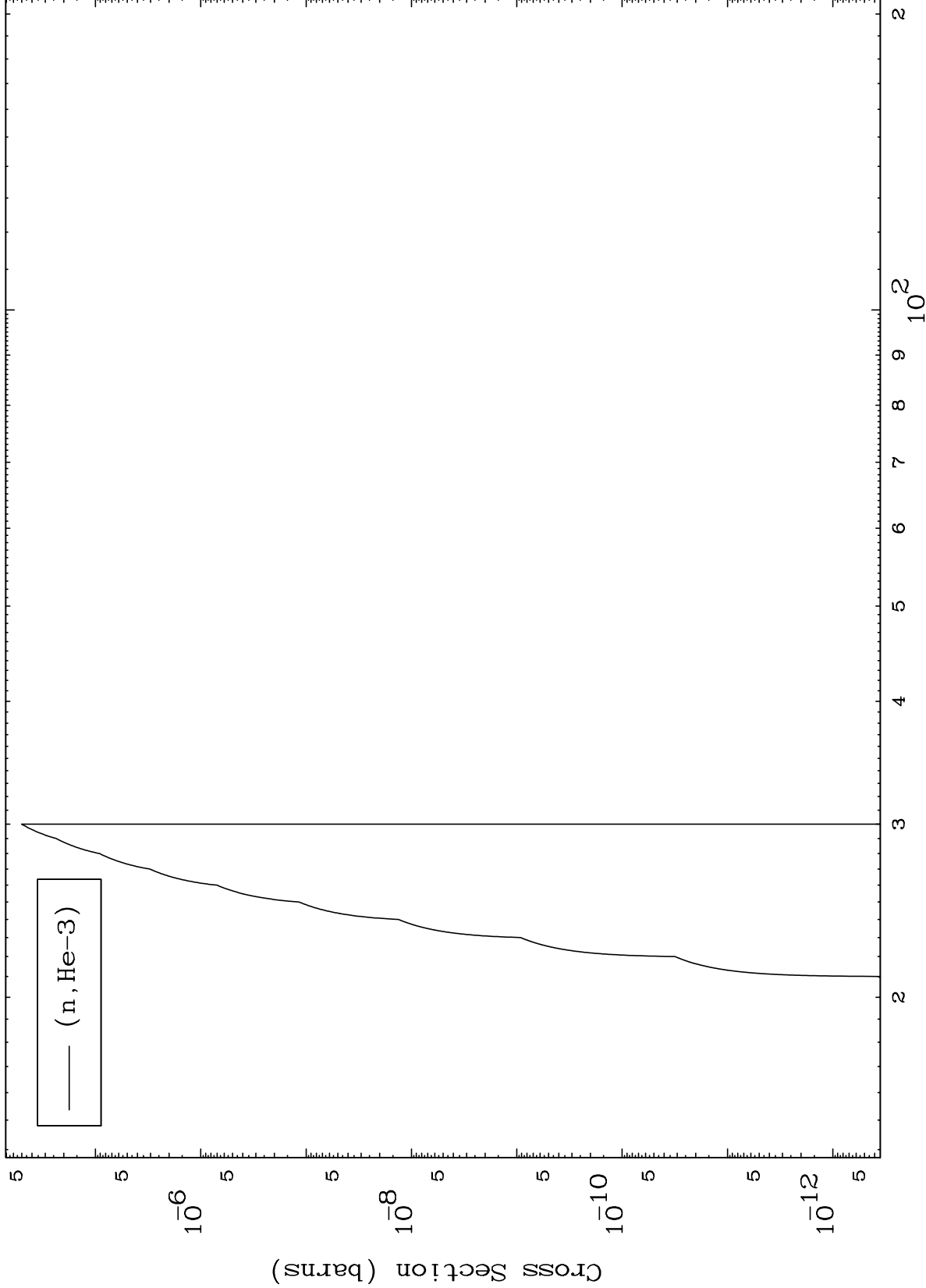
Incident Energy (MeV)

43-Tc-105

MAT 4343

(n,He3) Levels  
293 Kelvin Cross Sections

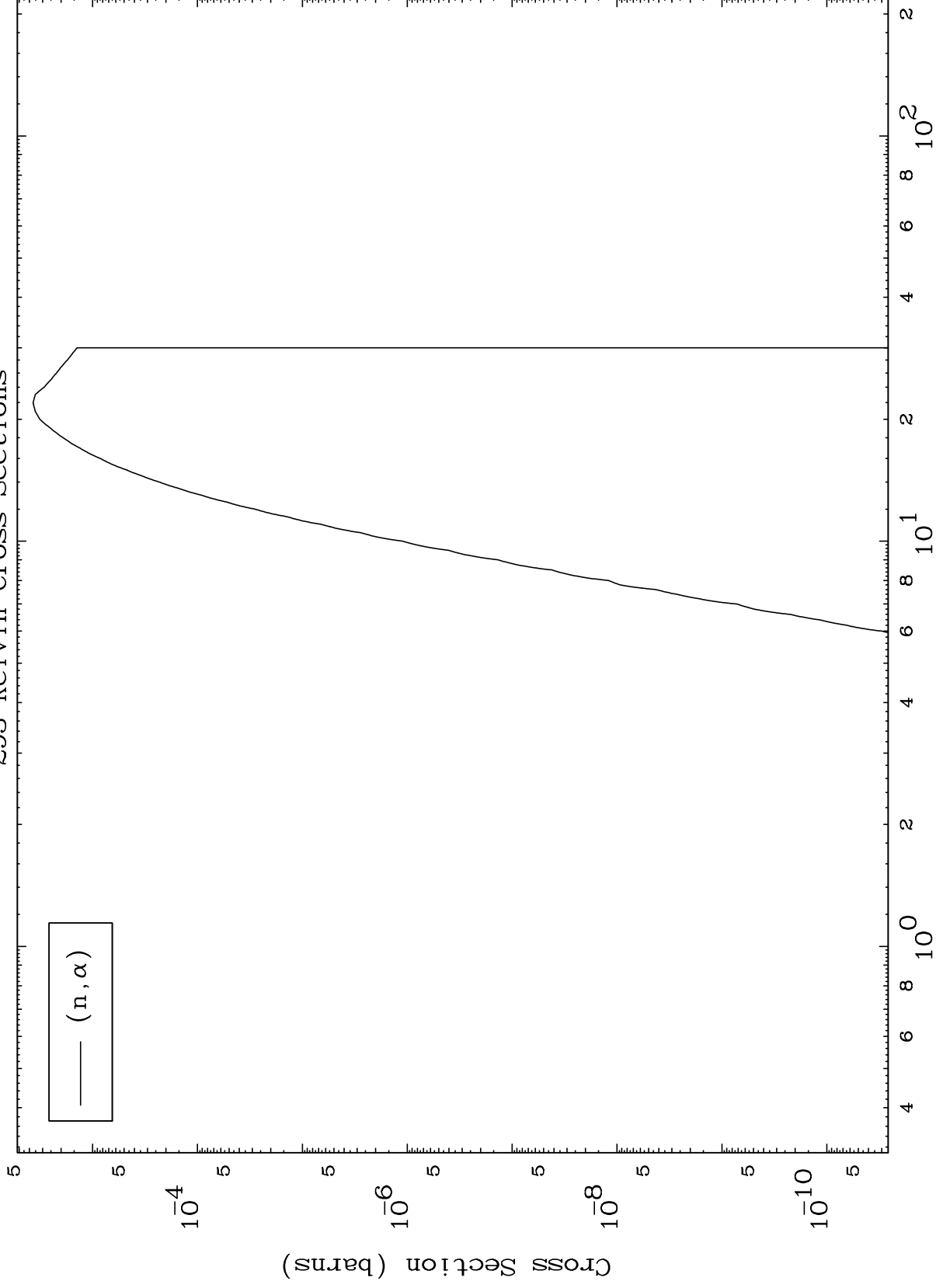
43-Tc-105



MAT 4343

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

43-Tc-105



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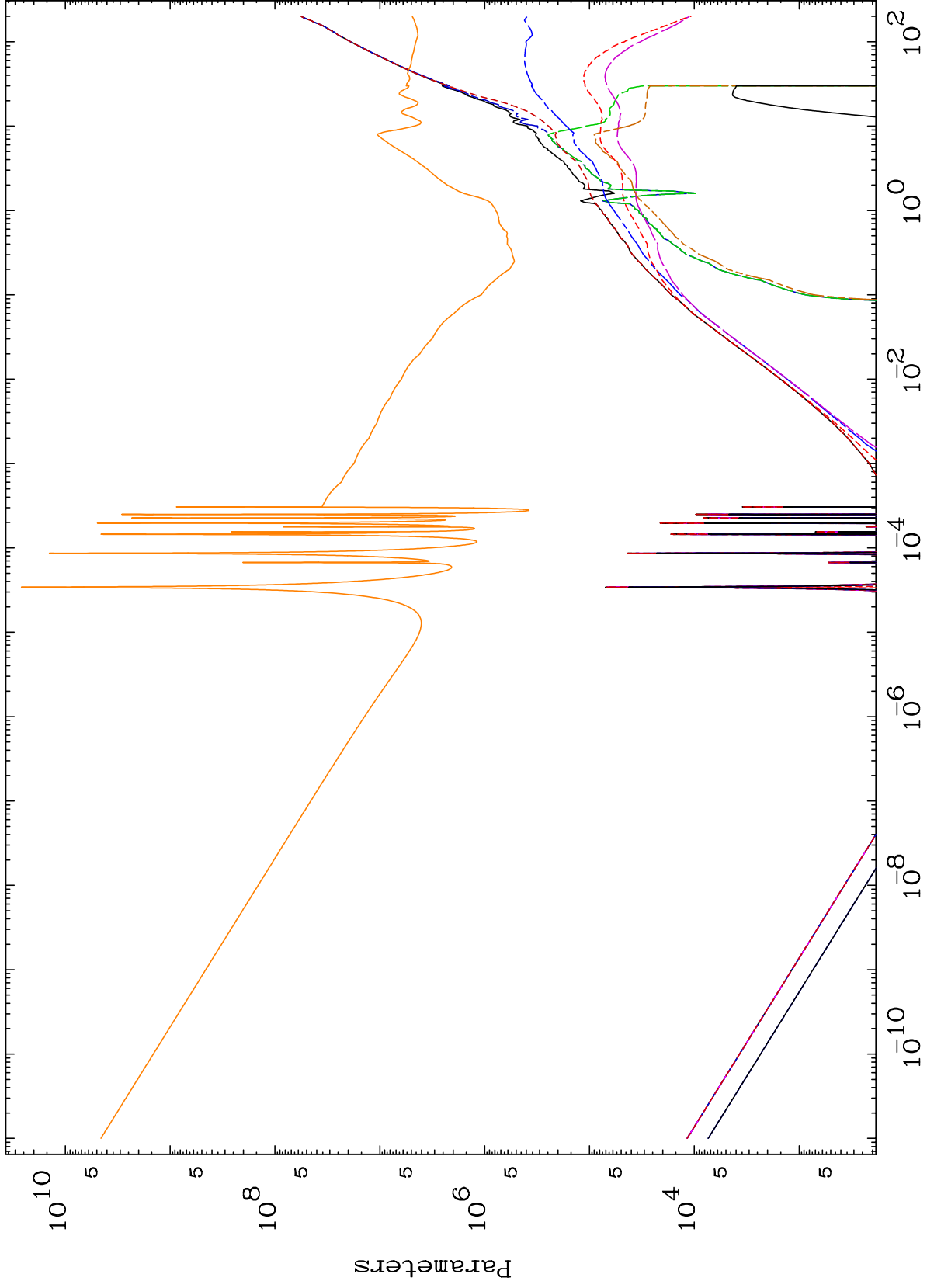
Incident Energy (MeV)

43-Tc-105

MAT 4343

Energy Release  
Parameters

43-Tc-105



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Incident Energy (MeV)

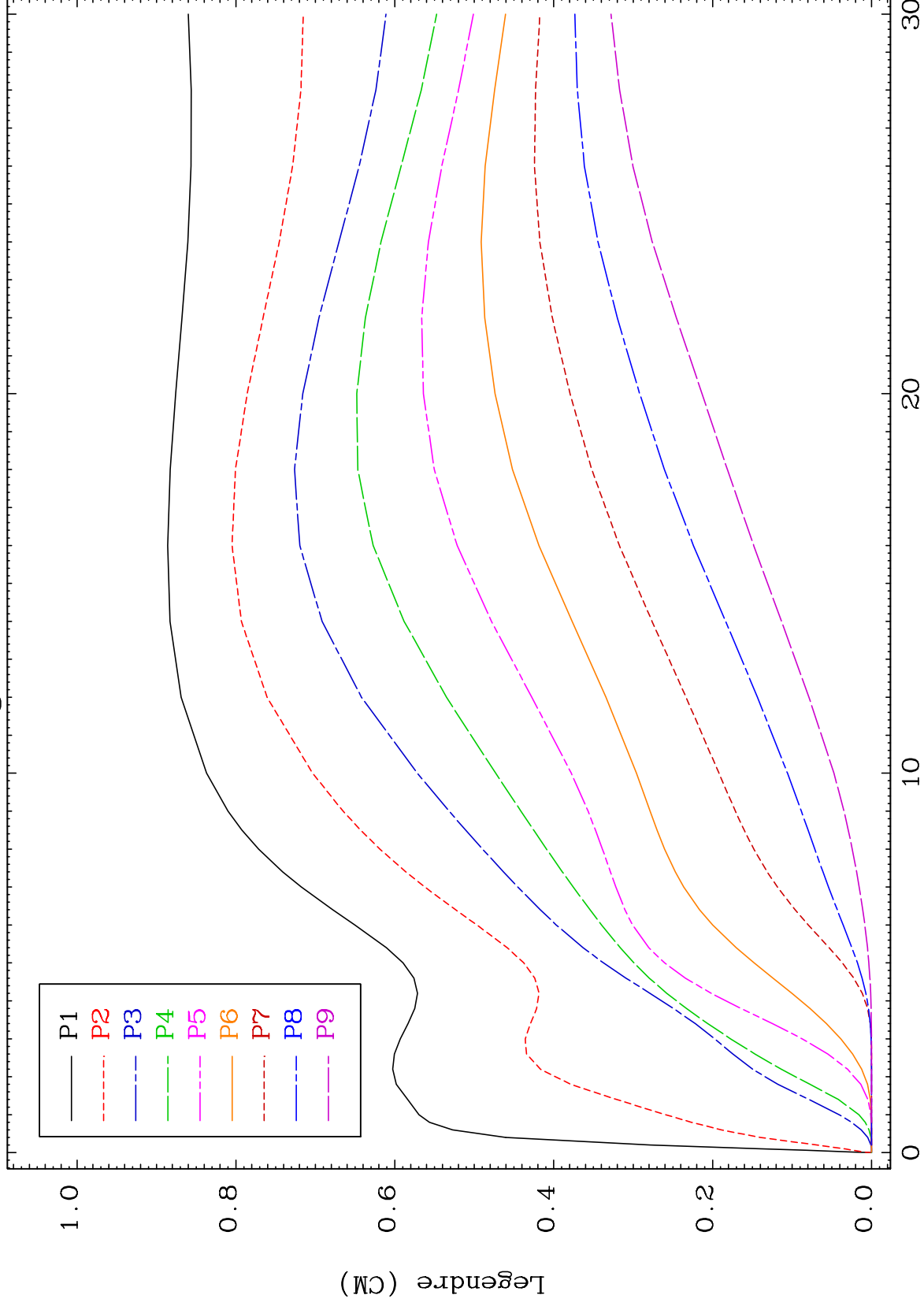
43-Tc-105



MAT 4343

Elastic Legendre Coefficients

43-Tc-105



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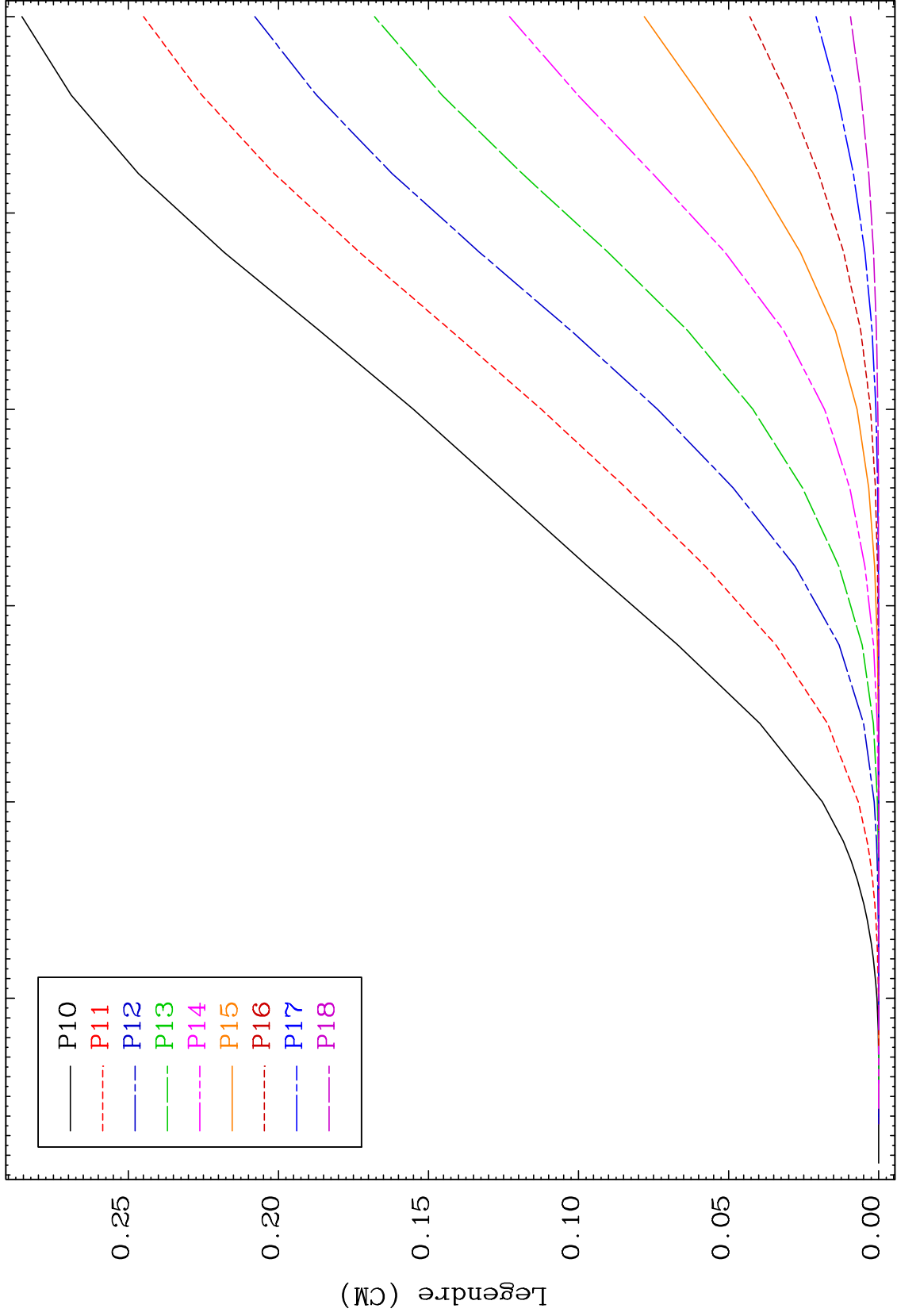
Incident Energy (MeV)

43-Tc-105

MAT 4343

Elastic  
Legendre Coefficients

43-Tc-105



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Incident Energy (MeV)

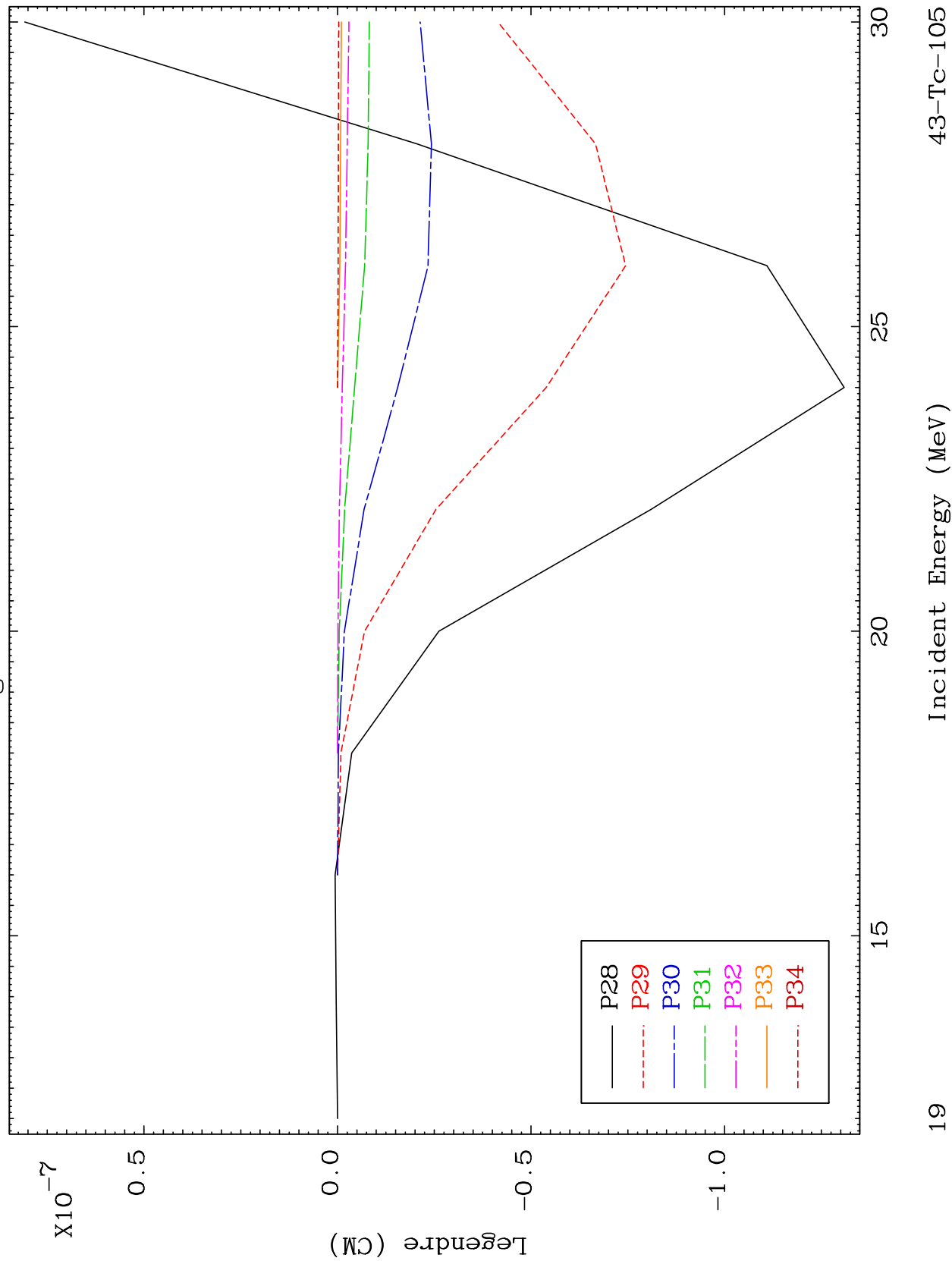
43-Tc-105



MAT 4343

Elastic  
Legendre Coefficients

43-Tc-105



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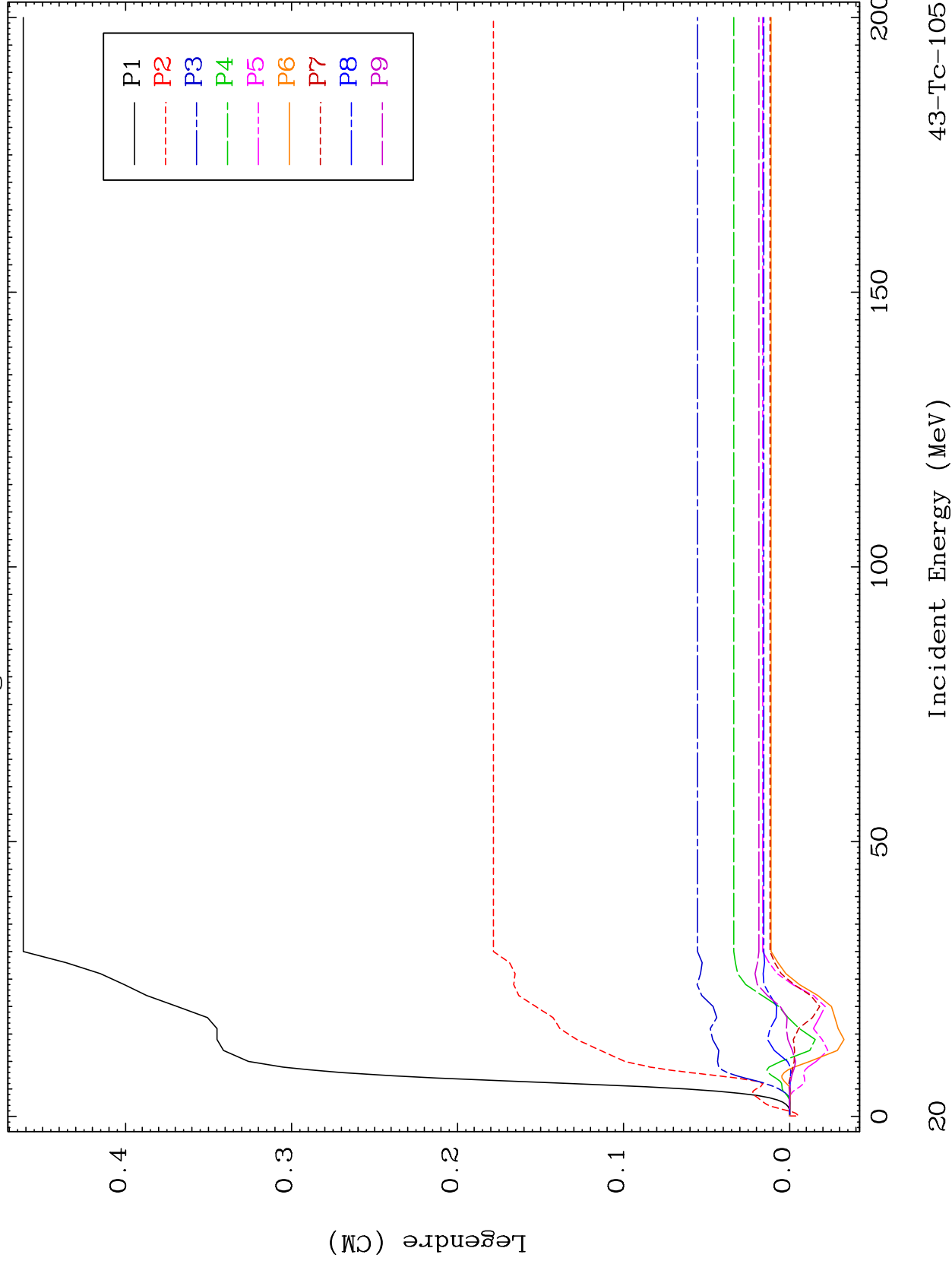
Incident Energy (MeV)

43-Tc-105

MAT 4343

76.58 keV (n,n') Level  
Legendre Coefficients

43-Tc-105

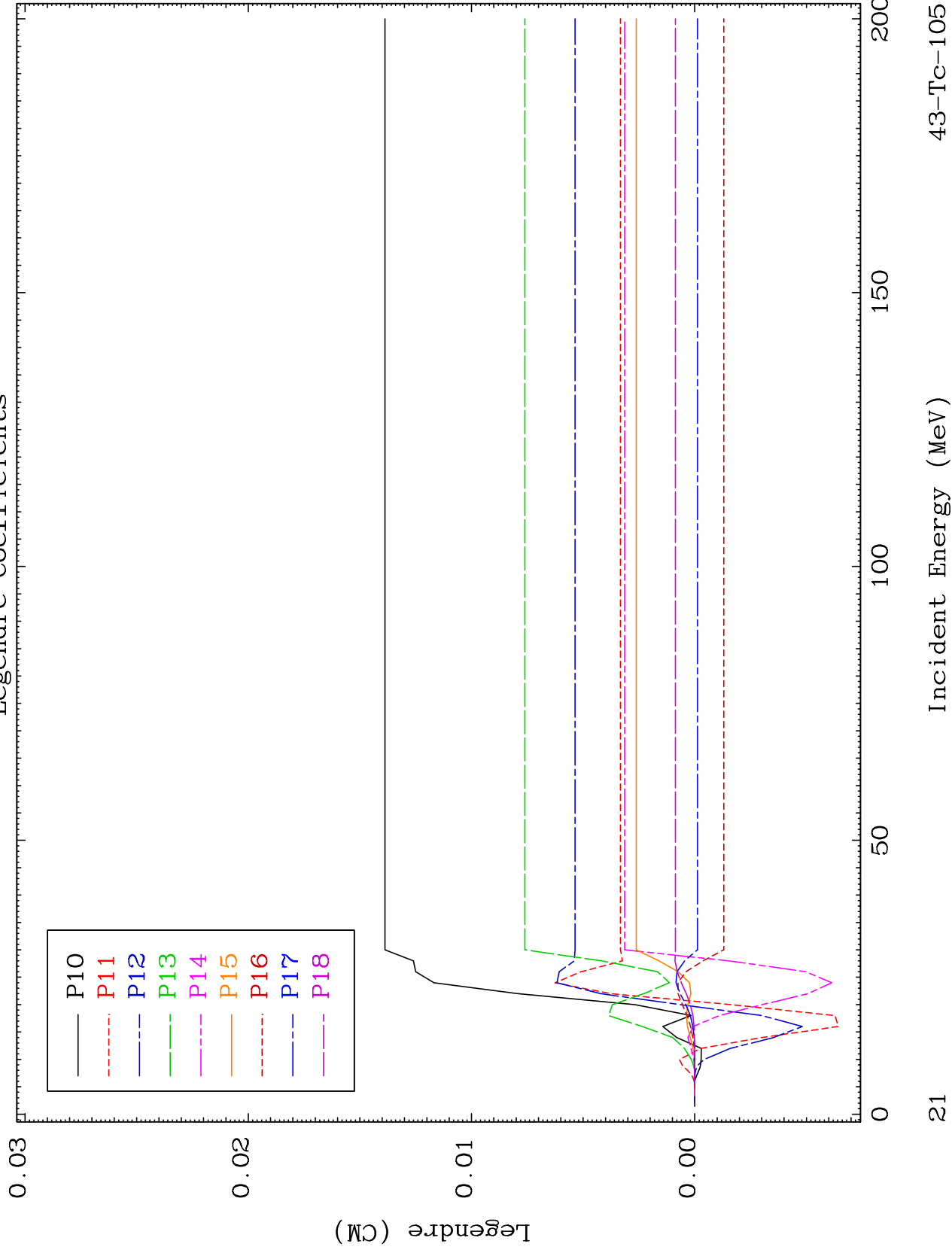


43-Tc-105

MAT 4343

76.58 keV (n,n') Level  
Legendre Coefficients

43-Tc-105



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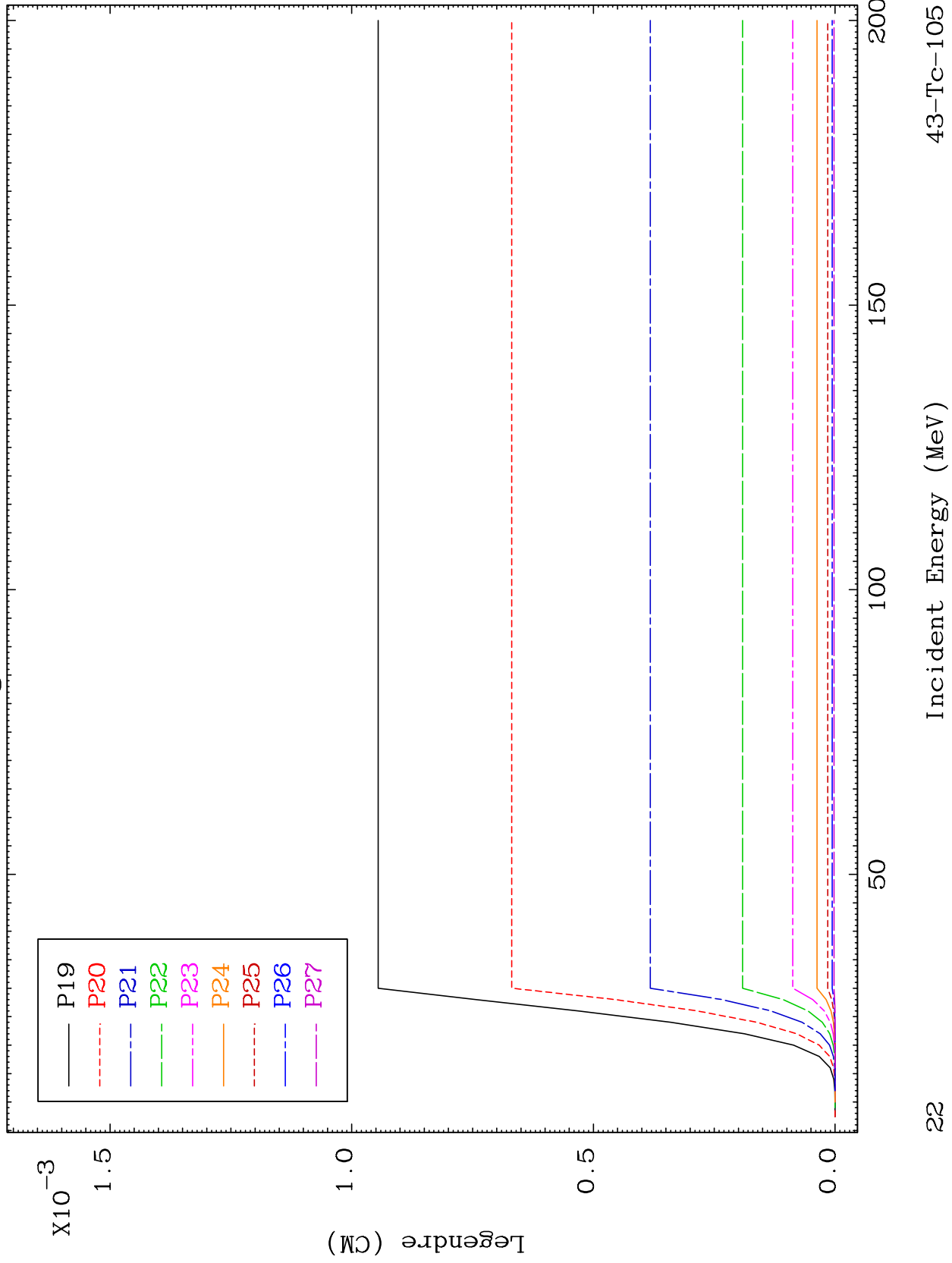
Incident Energy (MeV)

43-Tc-105

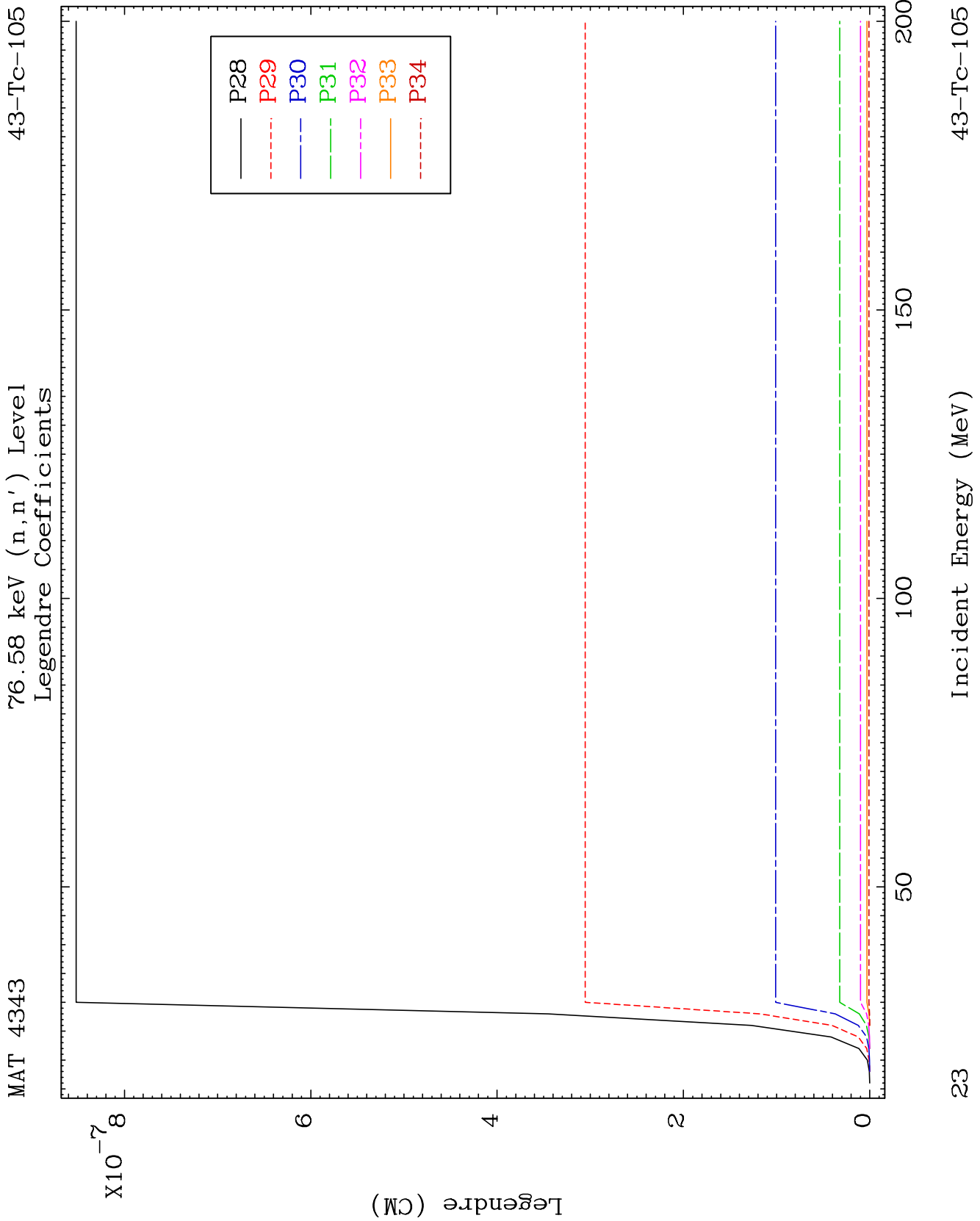
MAT 4343

76.58 keV (n,n') Level  
Legendre Coefficients

43-Tc-105



22

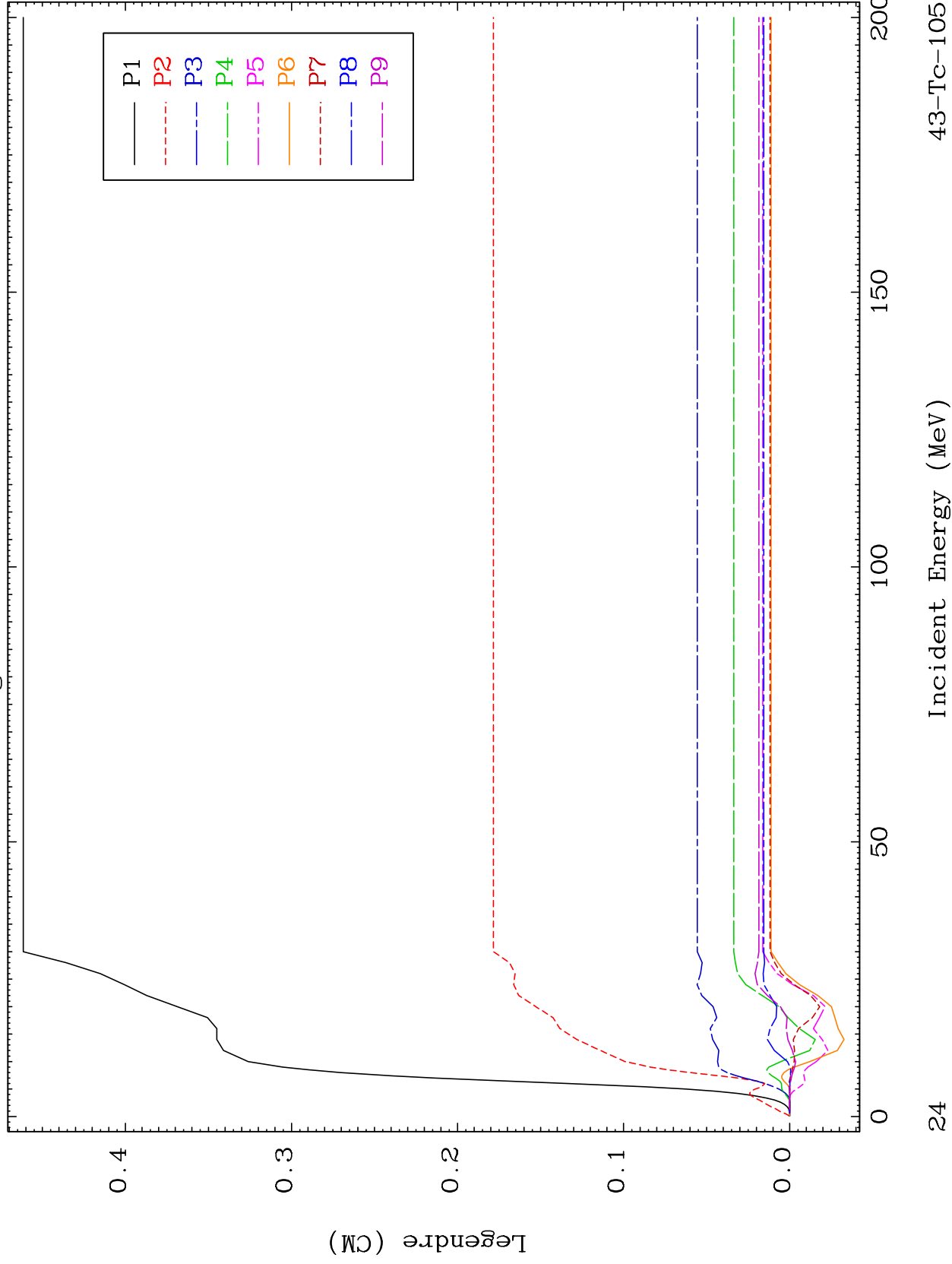




MAT 4343

85.43 keV (n,n') Level  
Legendre Coefficients

43-Tc-105



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Incident Energy (MeV)

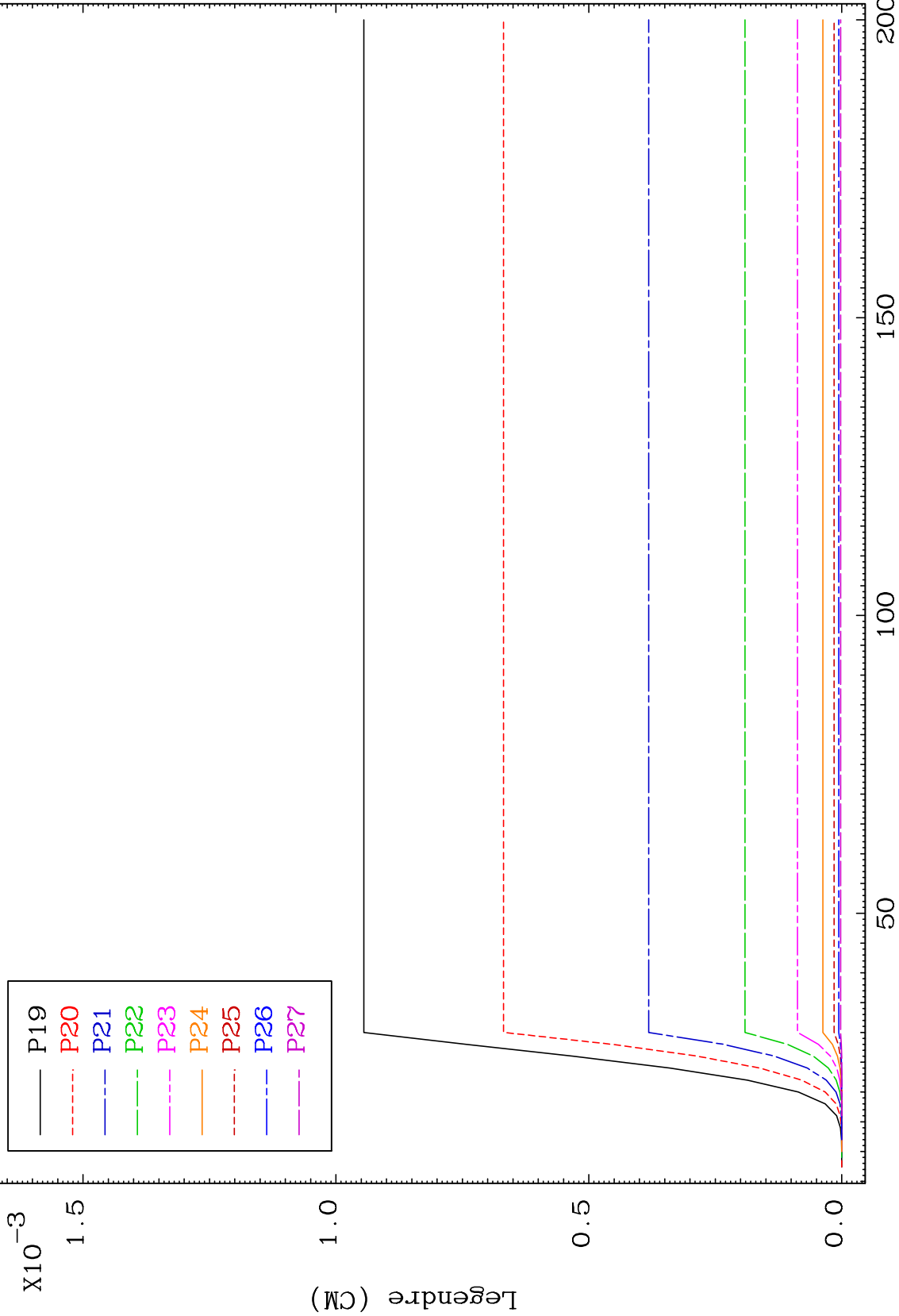
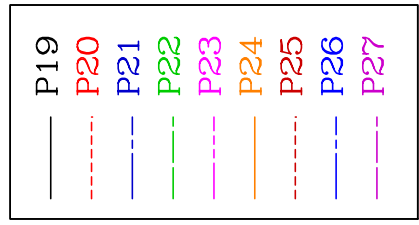
43-Tc-105



MAT 4343

85.43 keV (n,n') Level  
Legendre Coefficients

43-Tc-105



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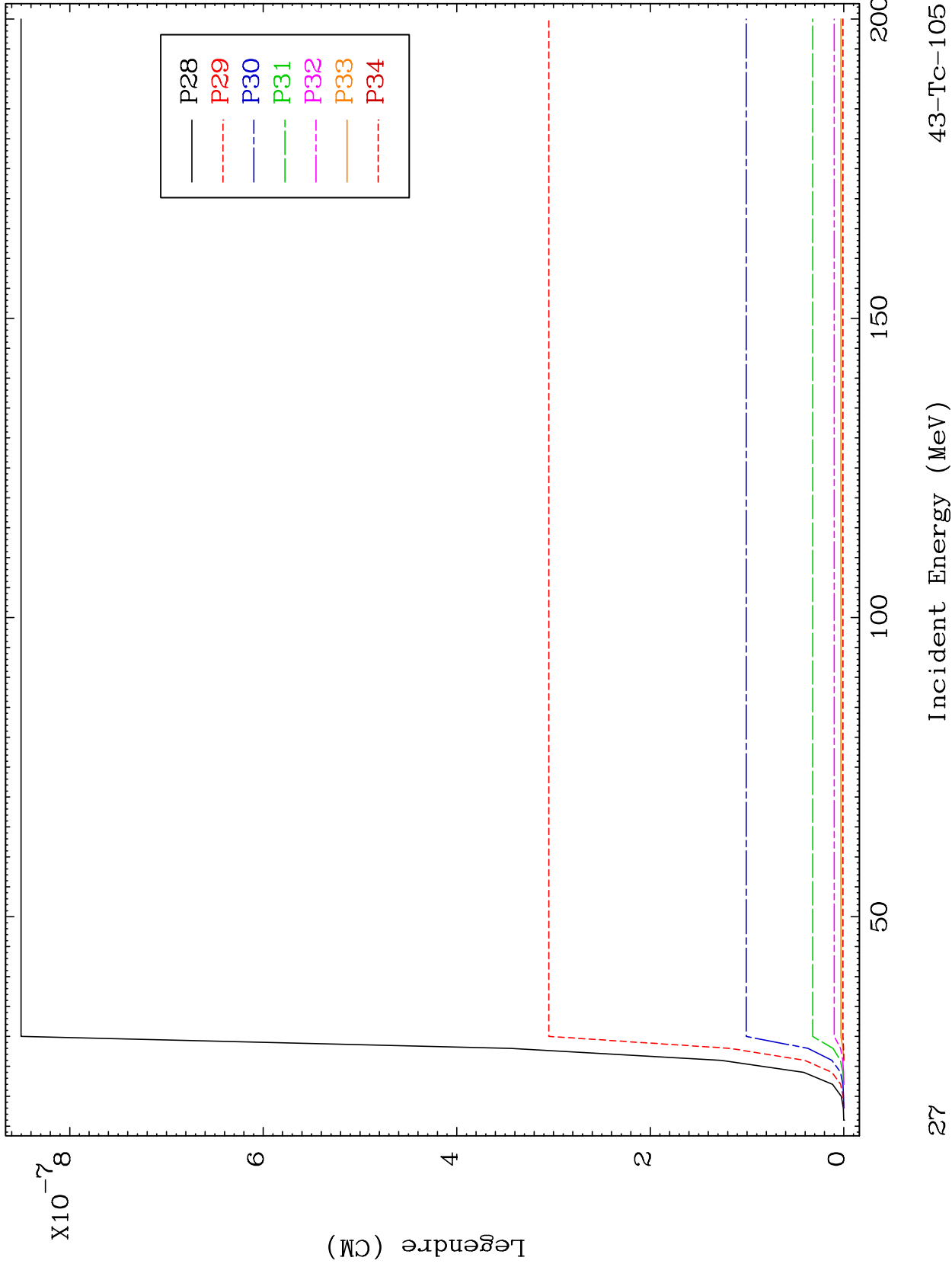
Incident Energy (MeV)

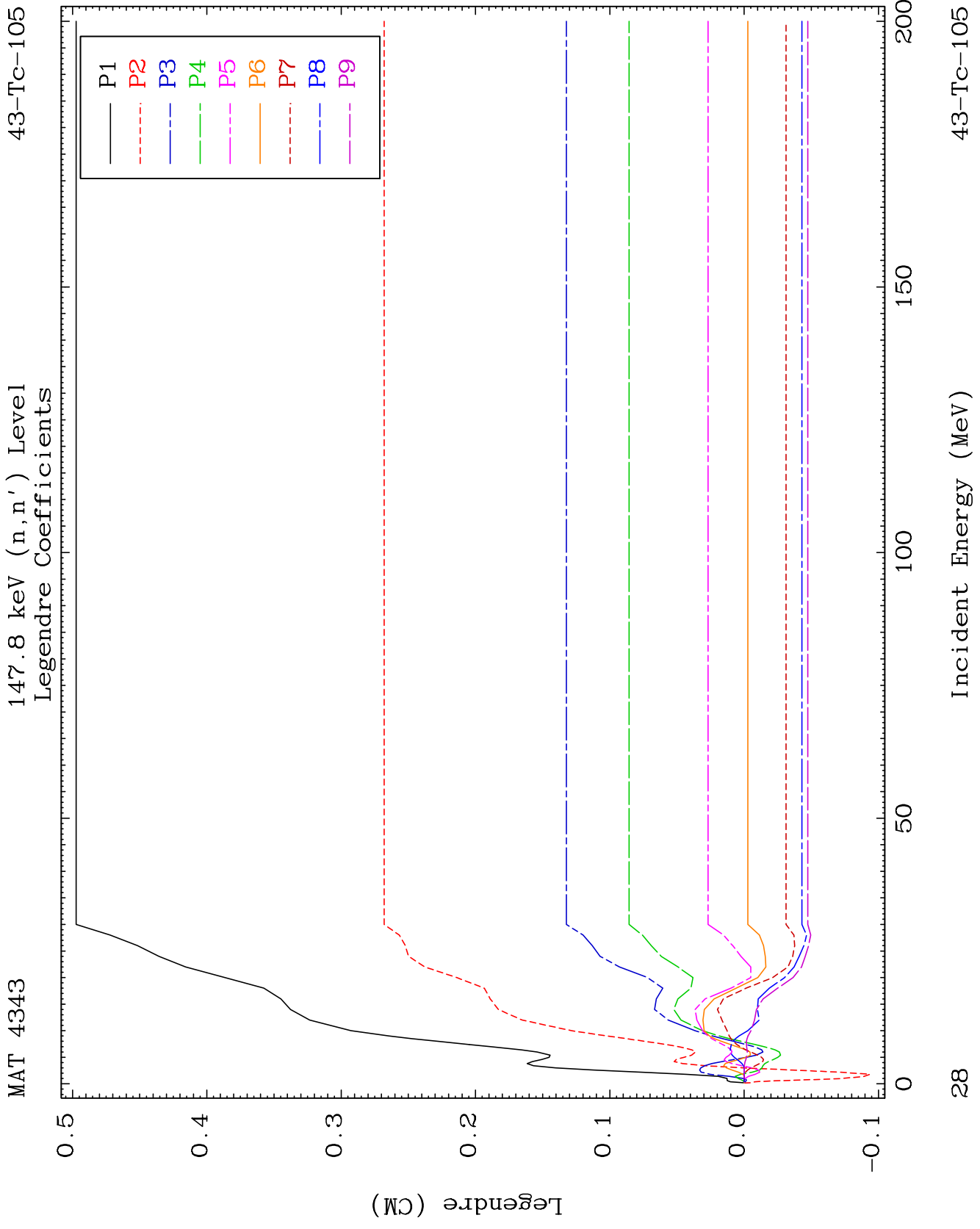
43-Tc-105

MAT 4343

85.43 keV (n,n') Level  
Legendre Coefficients

43-Tc-105

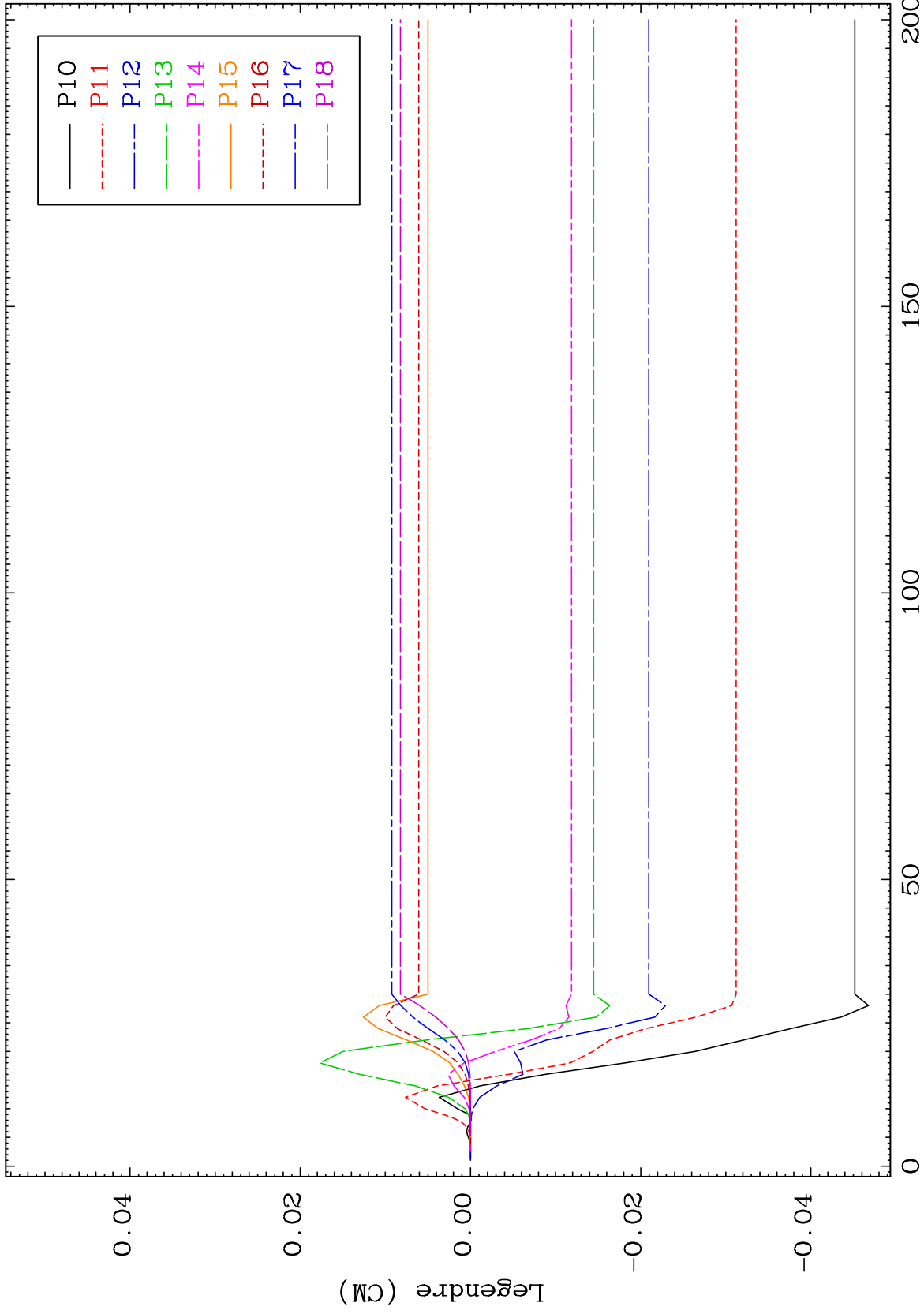




MAT 4343

147.8 keV (n,n') Level  
Legendre Coefficients

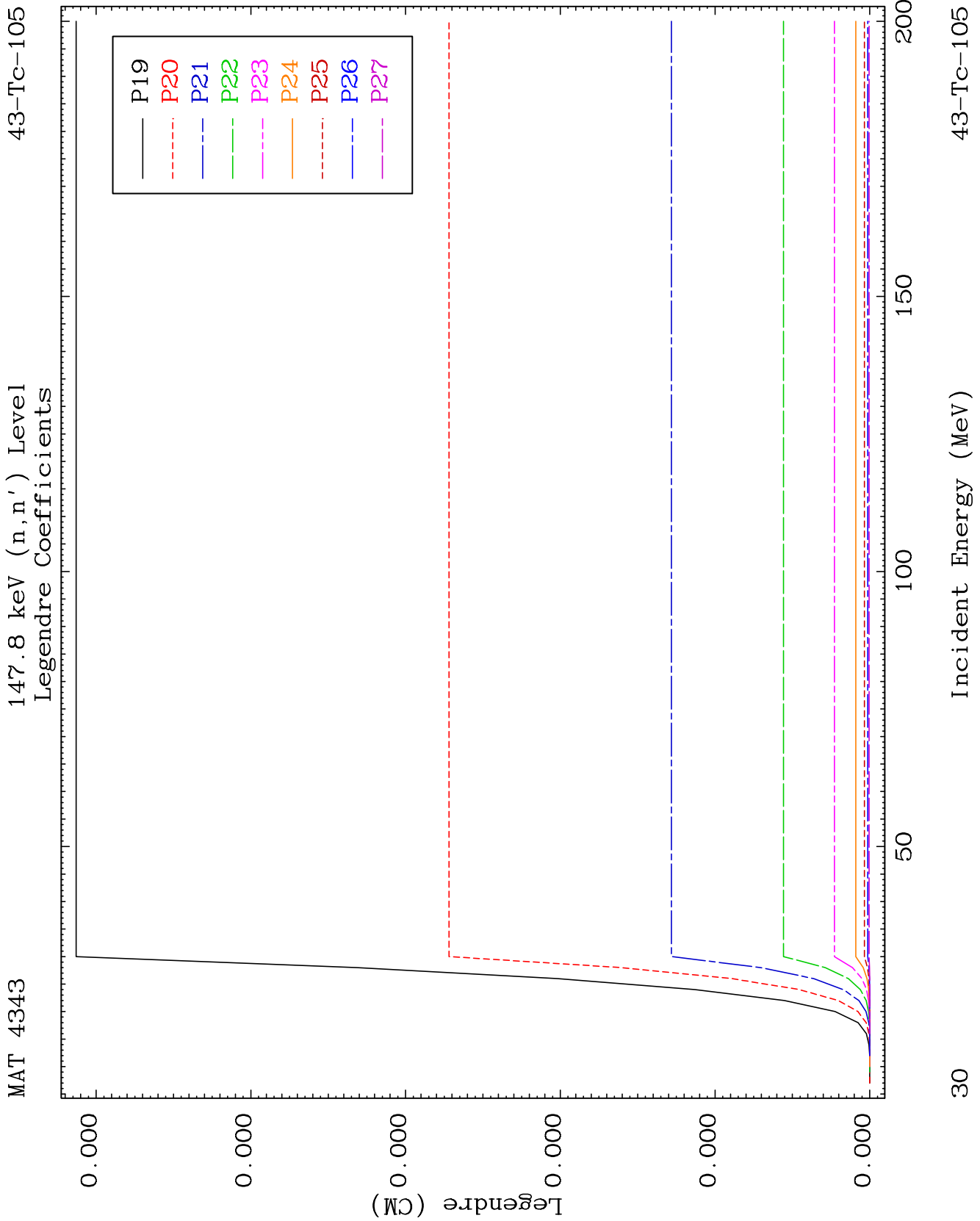
43-Tc-105

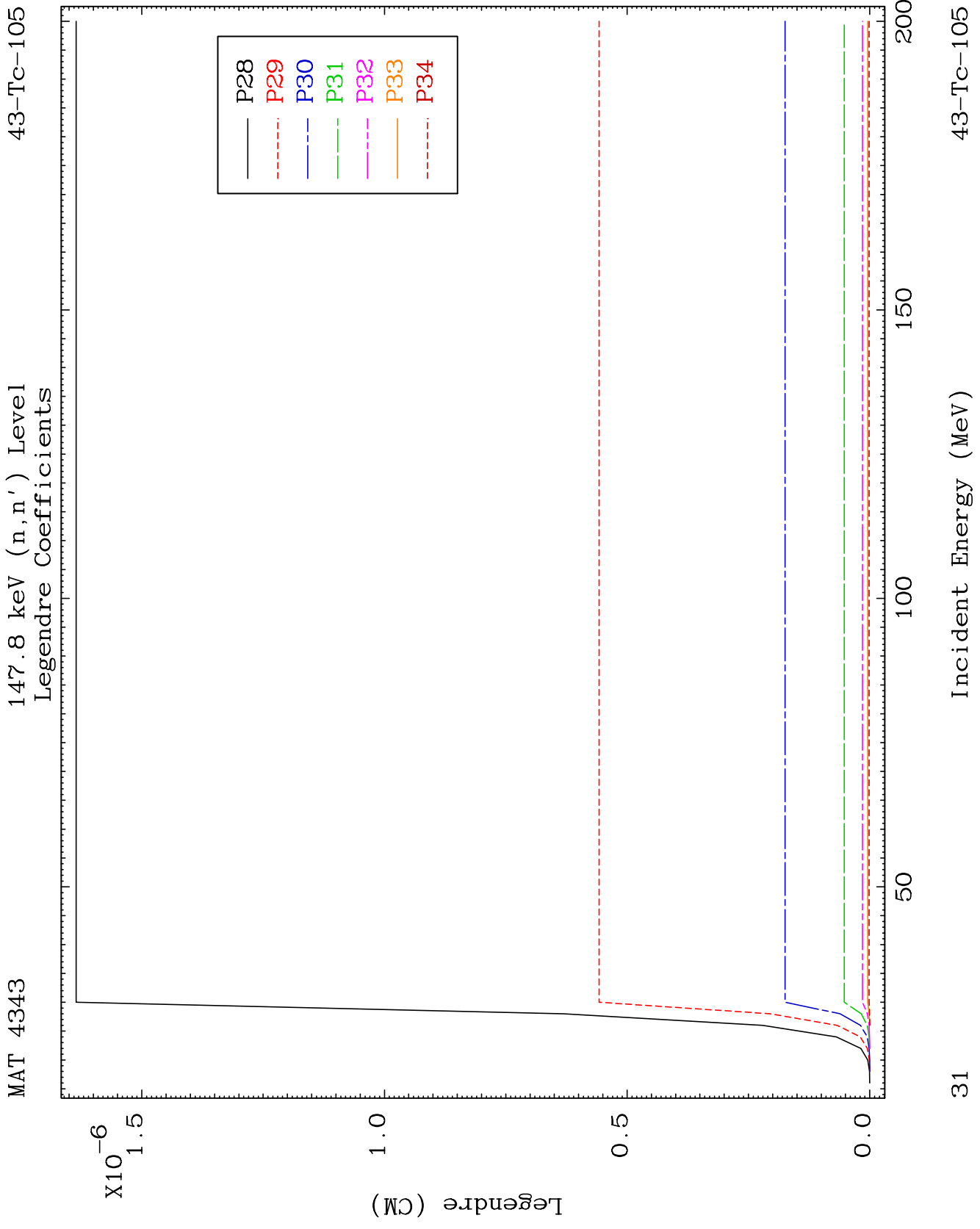


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Incident Energy (MeV)

43-Tc-105







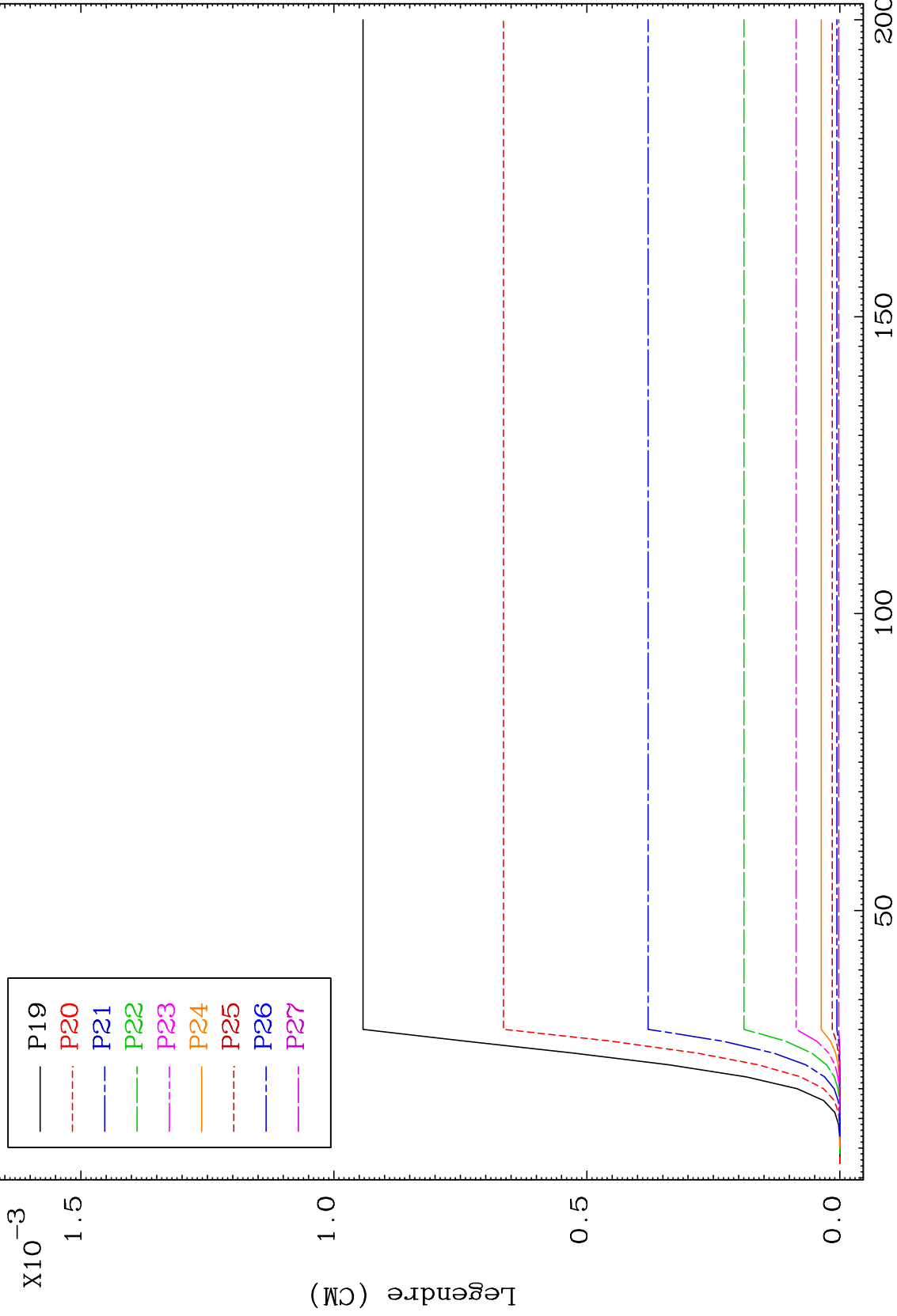
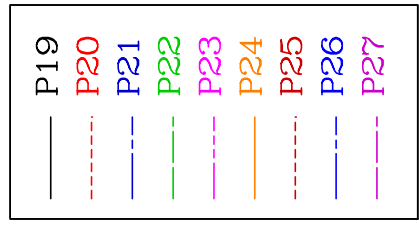




MAT 4343

149.6 keV (n,n') Level  
Legendre Coefficients

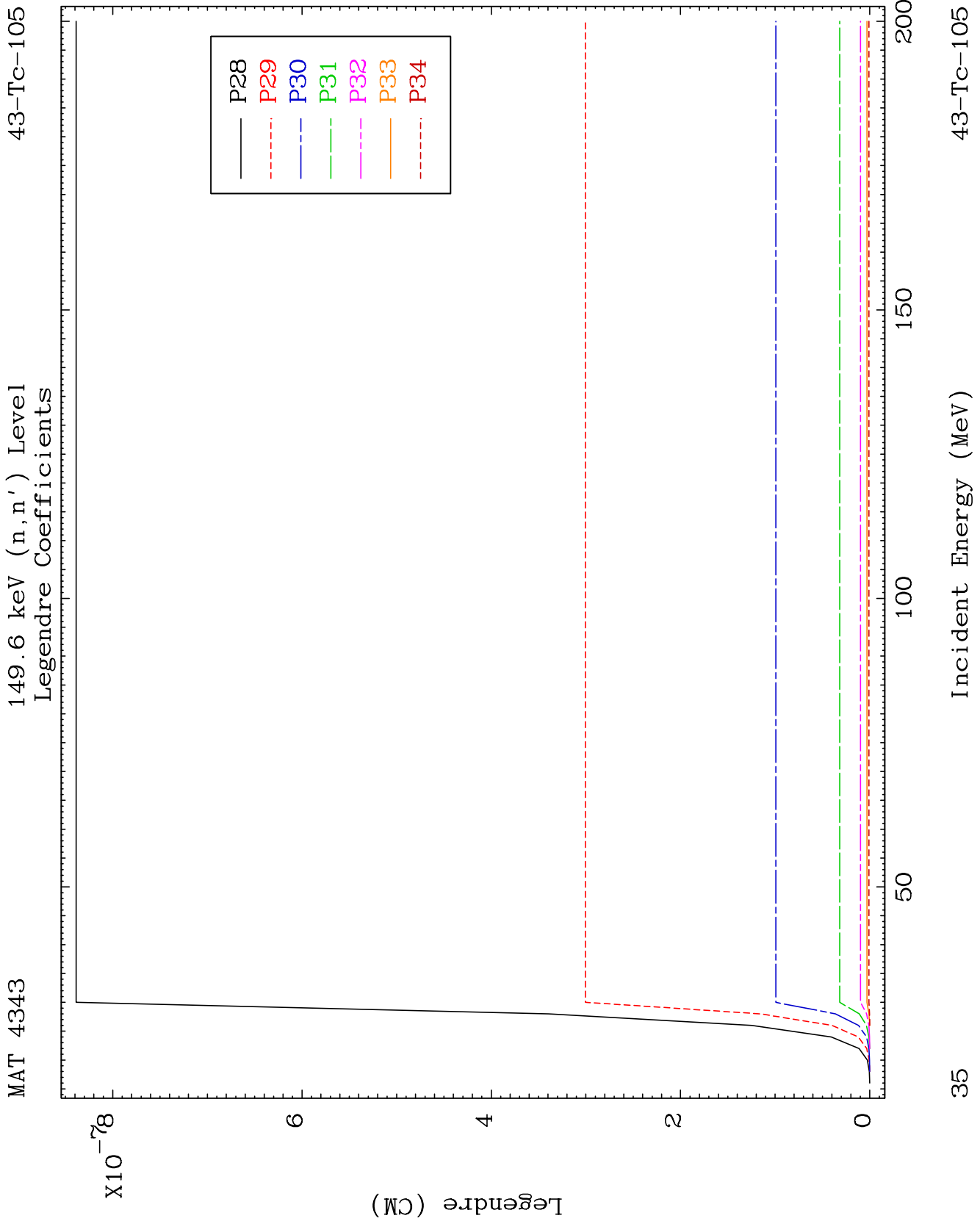
43-Tc-105



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Incident Energy (MeV)

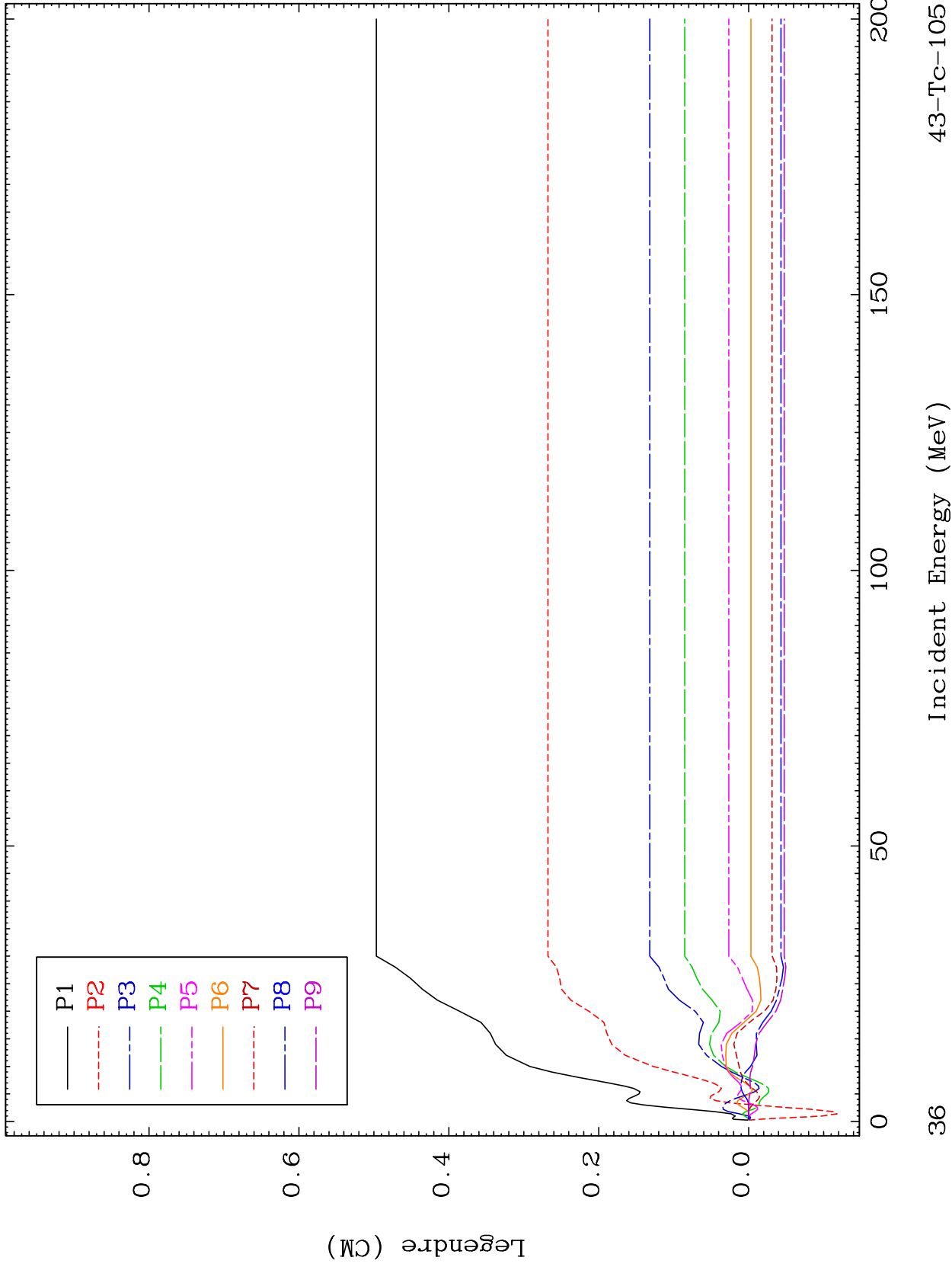
43-Tc-105



MAT 4343

237.0 keV (n,n') Level  
Legendre Coefficients

43-Tc-105



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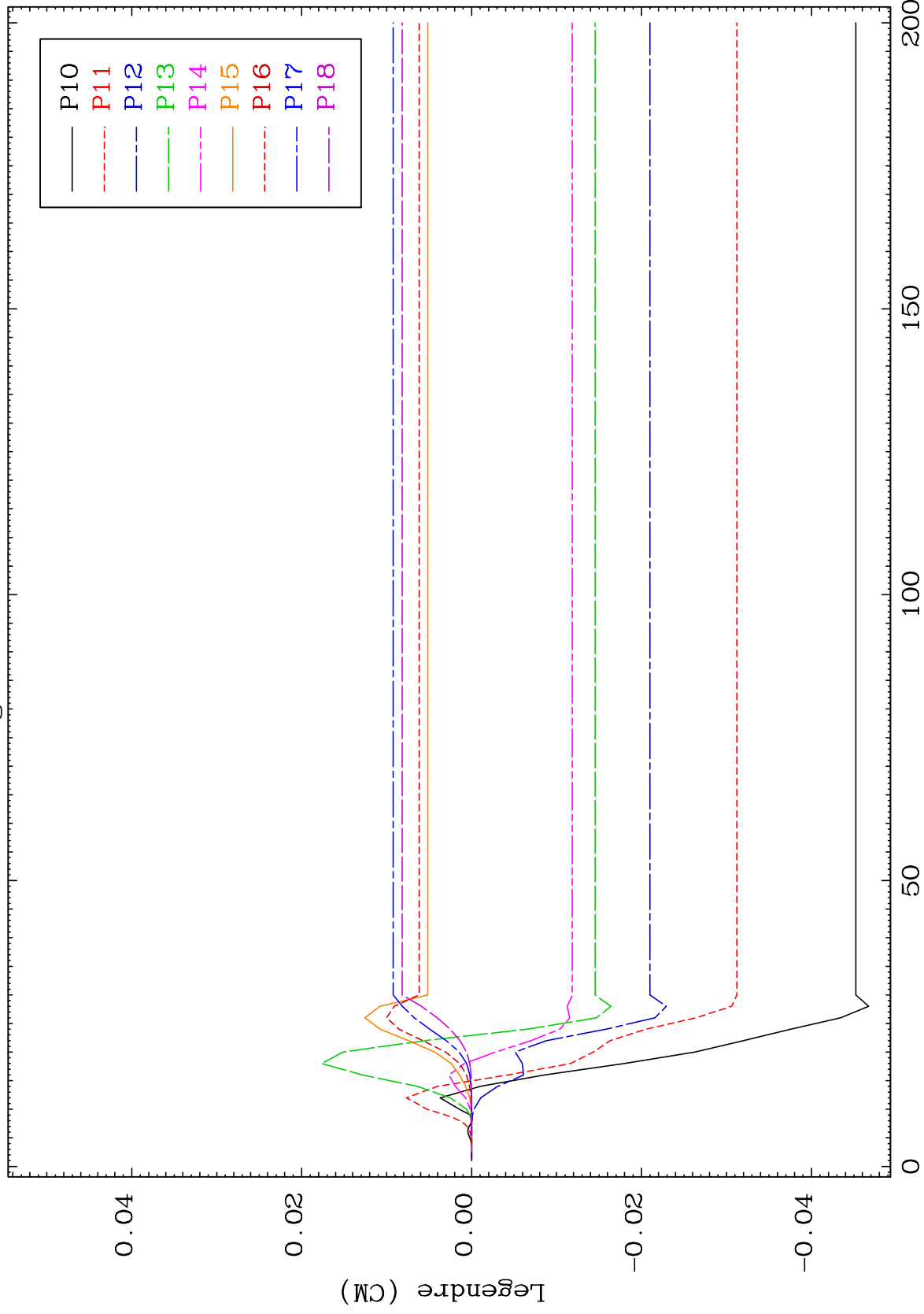
Incident Energy (MeV)

43-Tc-105

MAT 4343

237.0 keV (n,n') Level  
Legendre Coefficients

43-Tc-105



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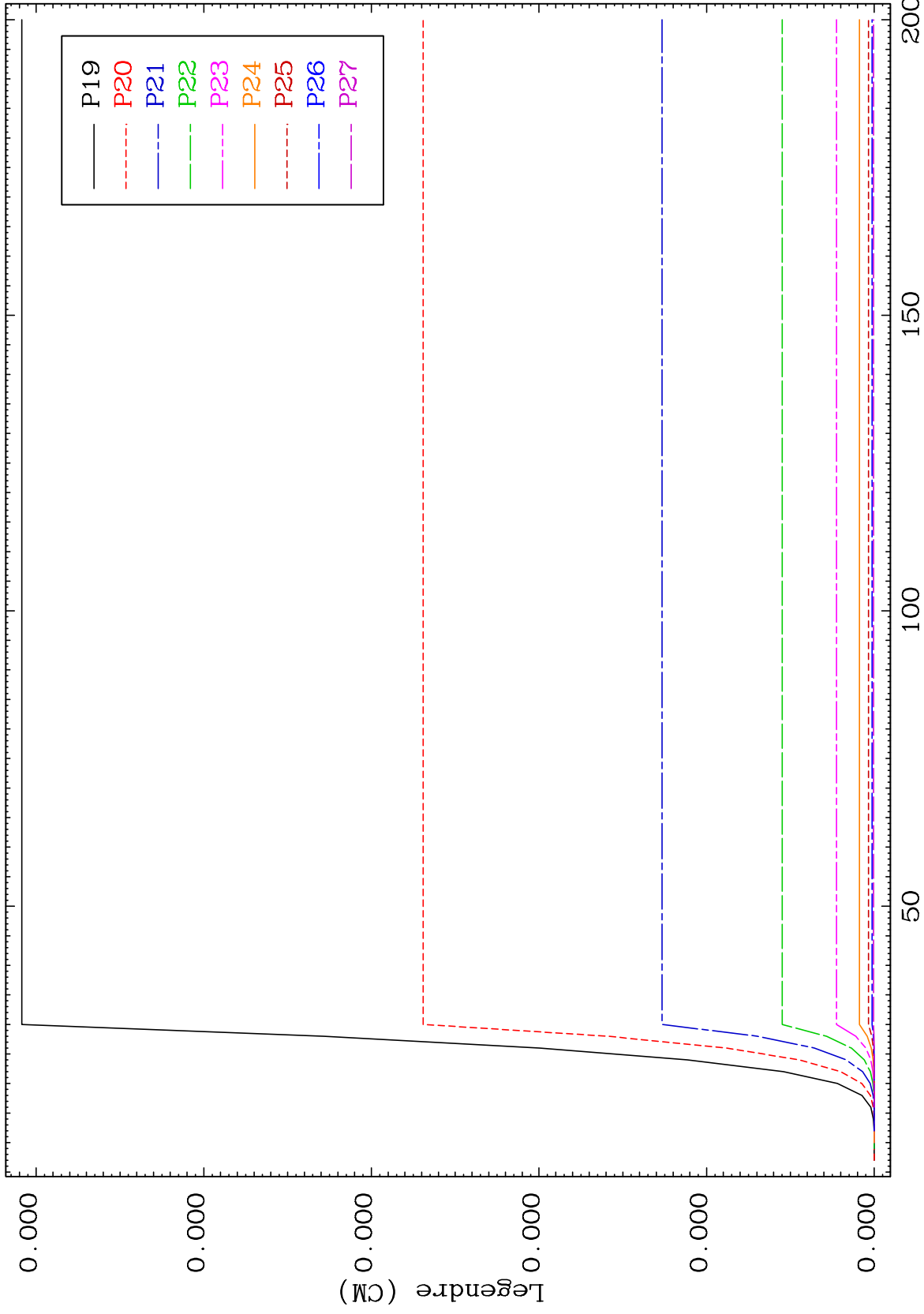
Incident Energy (MeV)

43-Tc-105

MAT 4343

237.0 keV (n, n') Level  
Legendre Coefficients

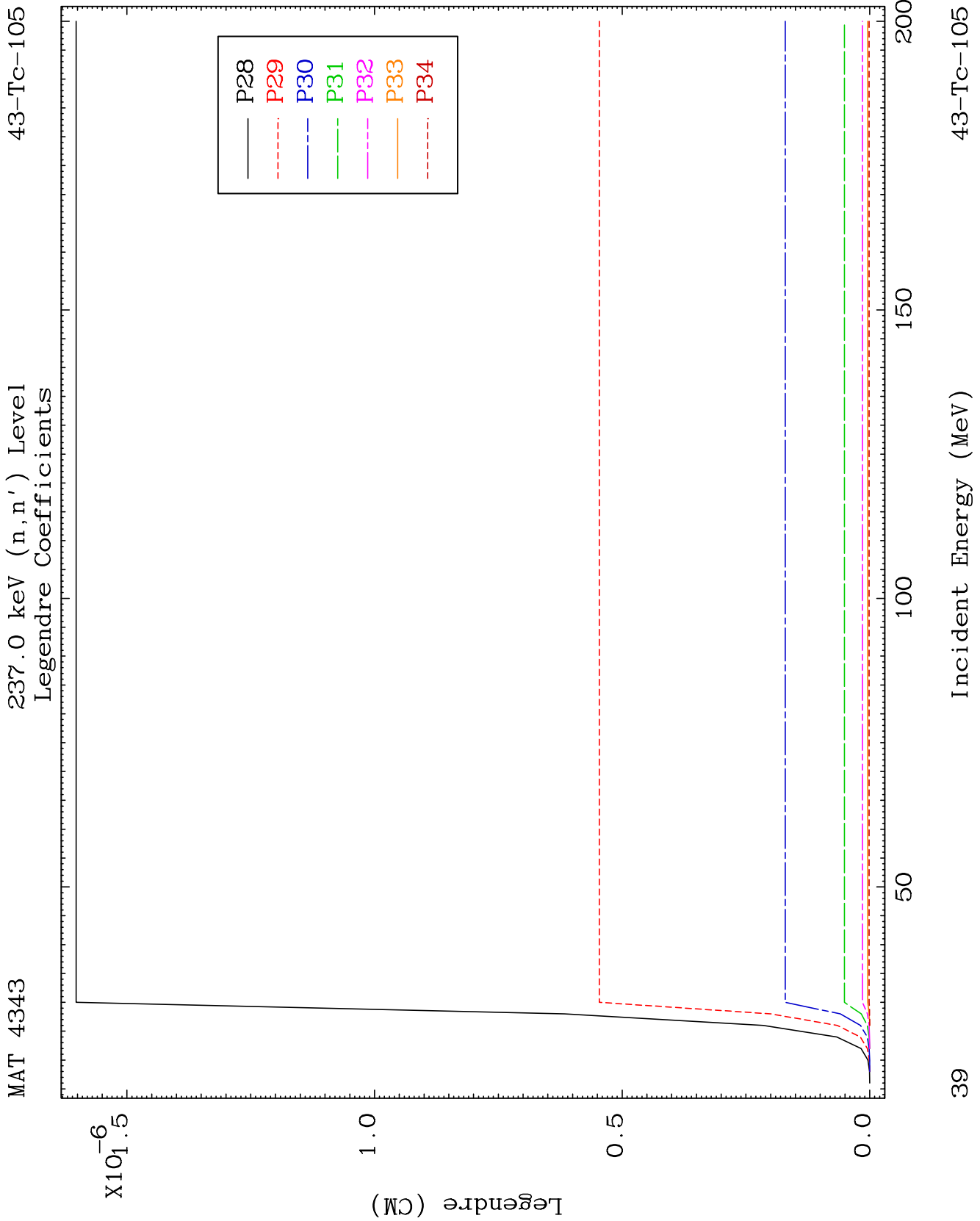
43-Tc-105



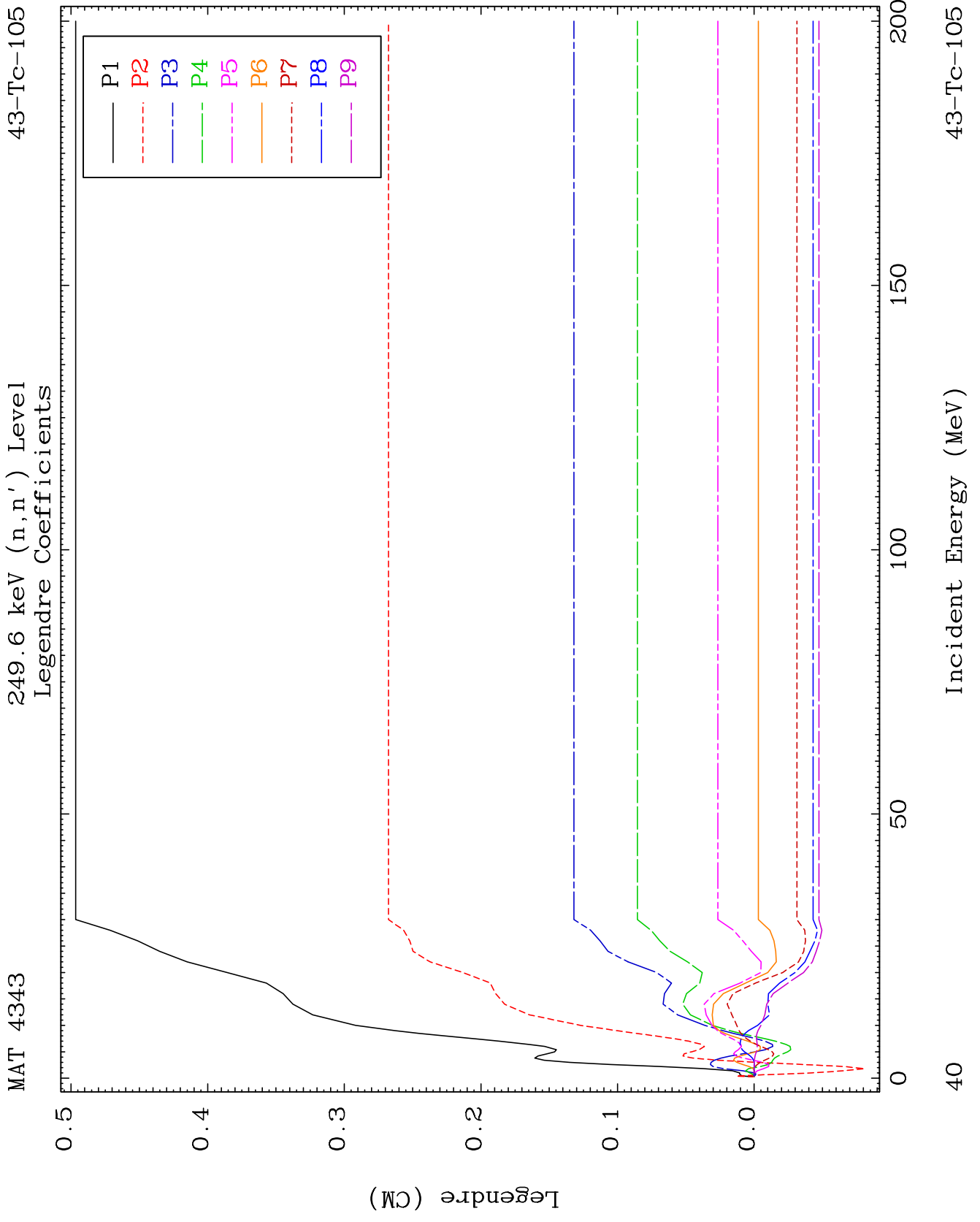
38

Incident Energy (MeV)

43-Tc-105



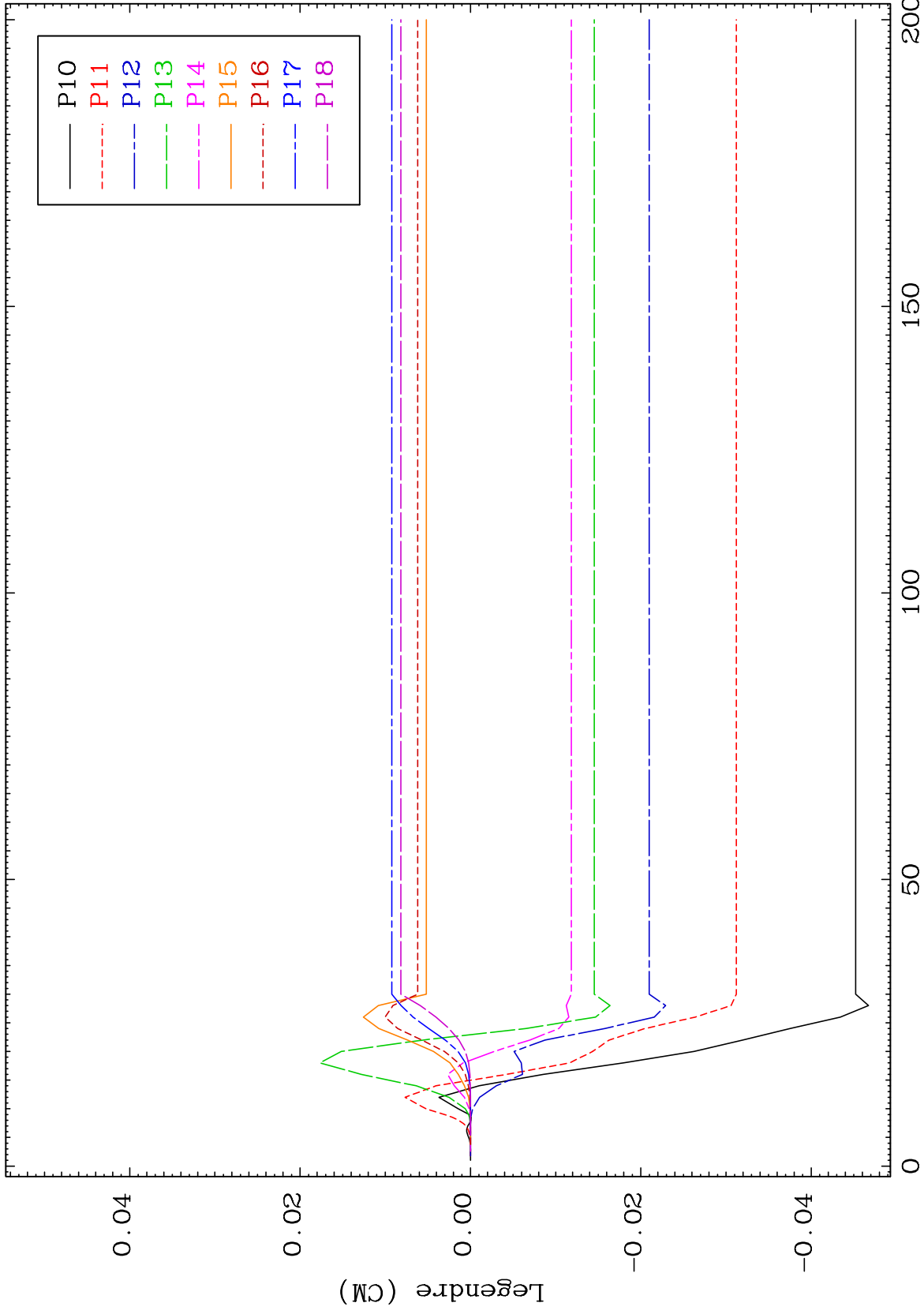




MAT 4343

249.6 keV (n,n') Level  
Legendre Coefficients

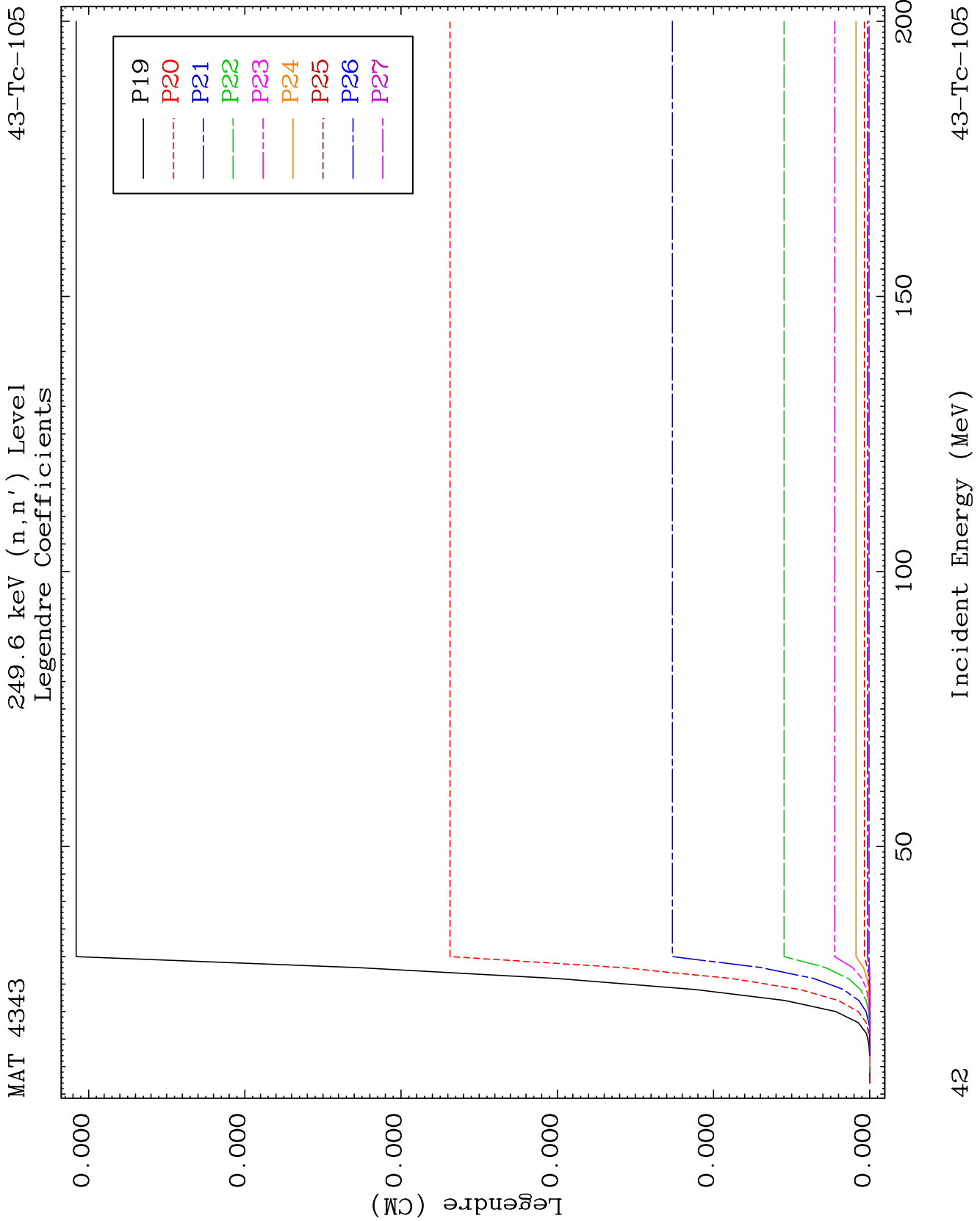
43-Tc-105

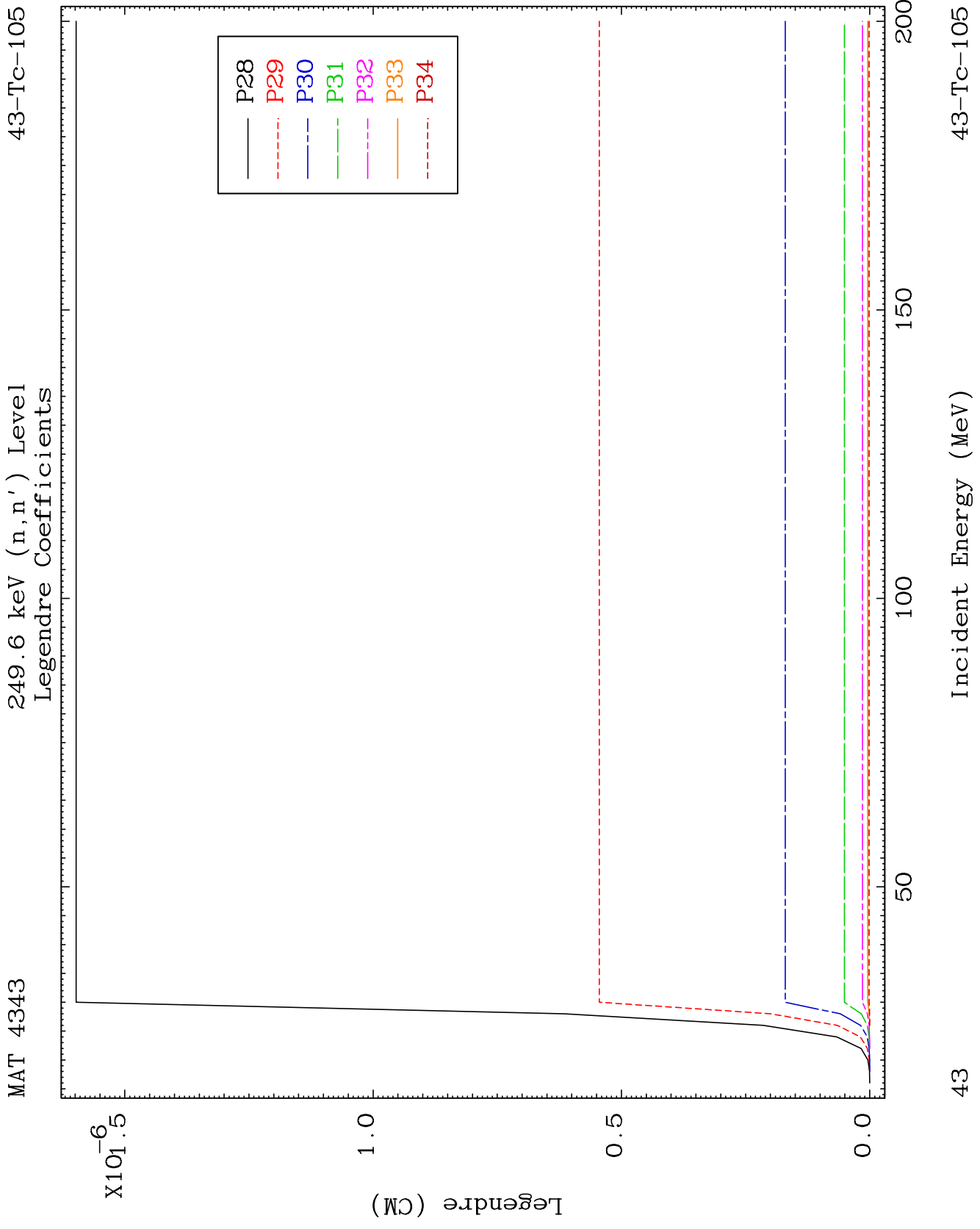


41

Incident Energy (MeV)

43-Tc-105

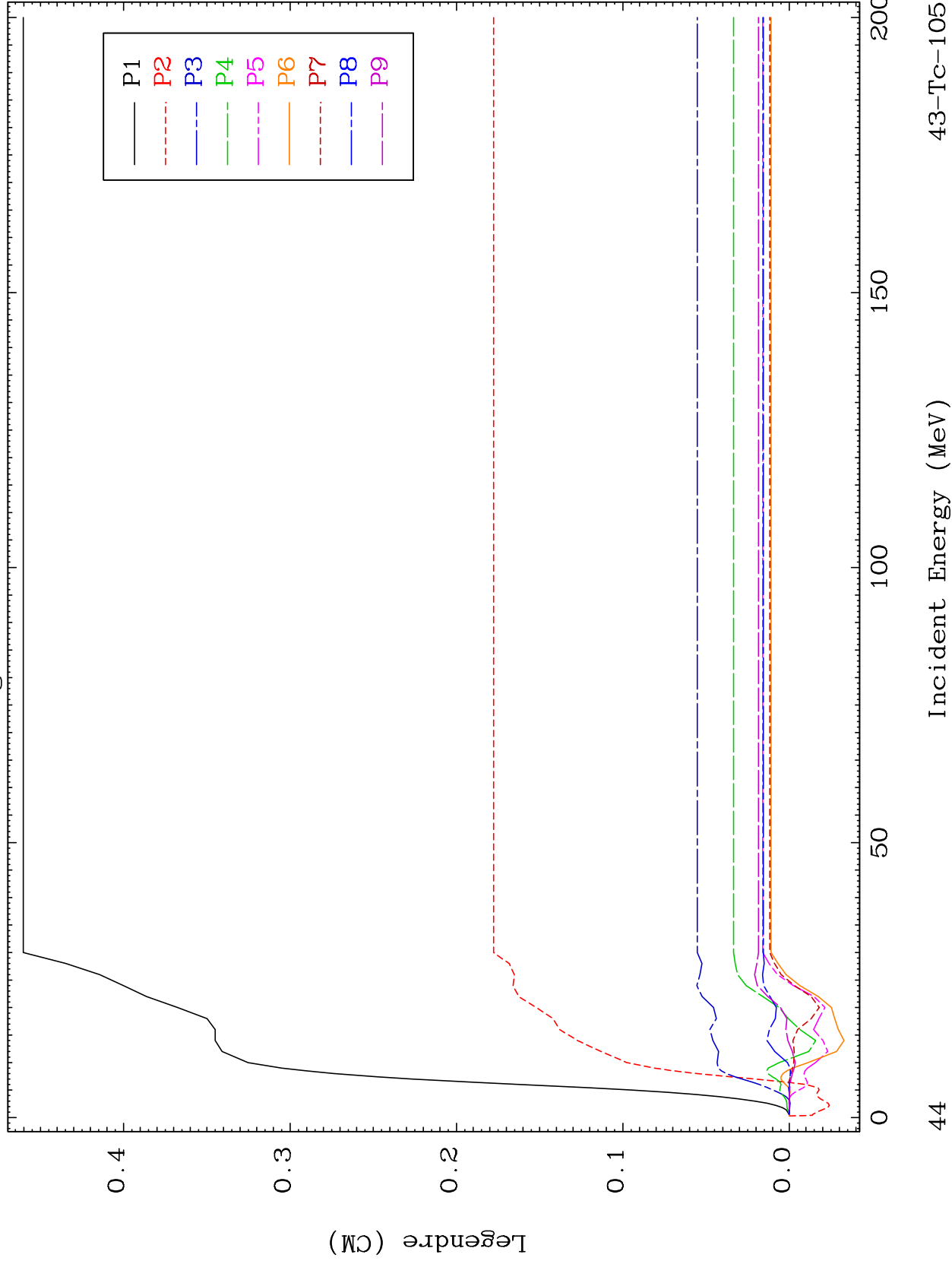




MAT 4343

278.6 keV (n,n') Level  
Legendre Coefficients

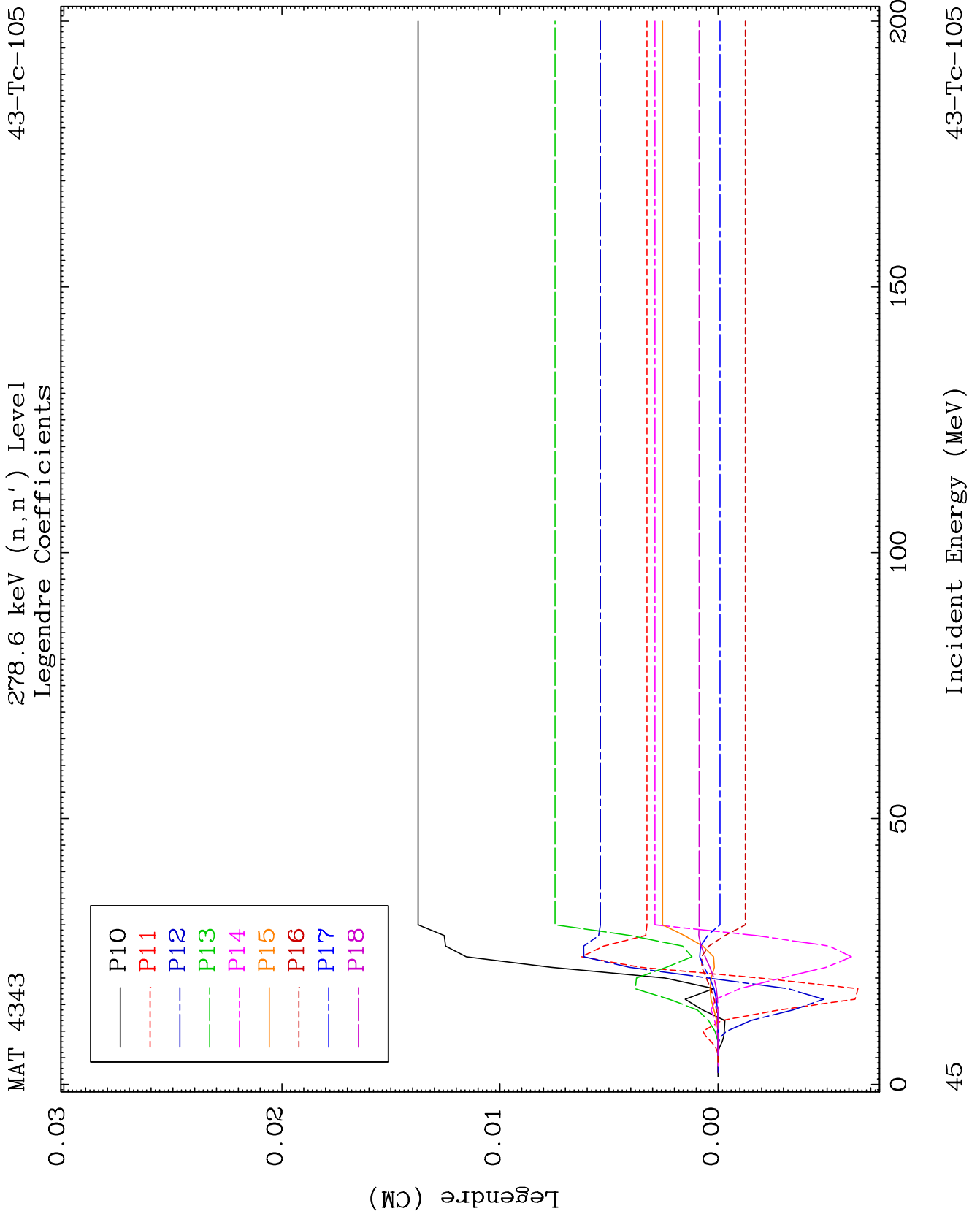
43-Tc-105



44

Incident Energy (MeV)

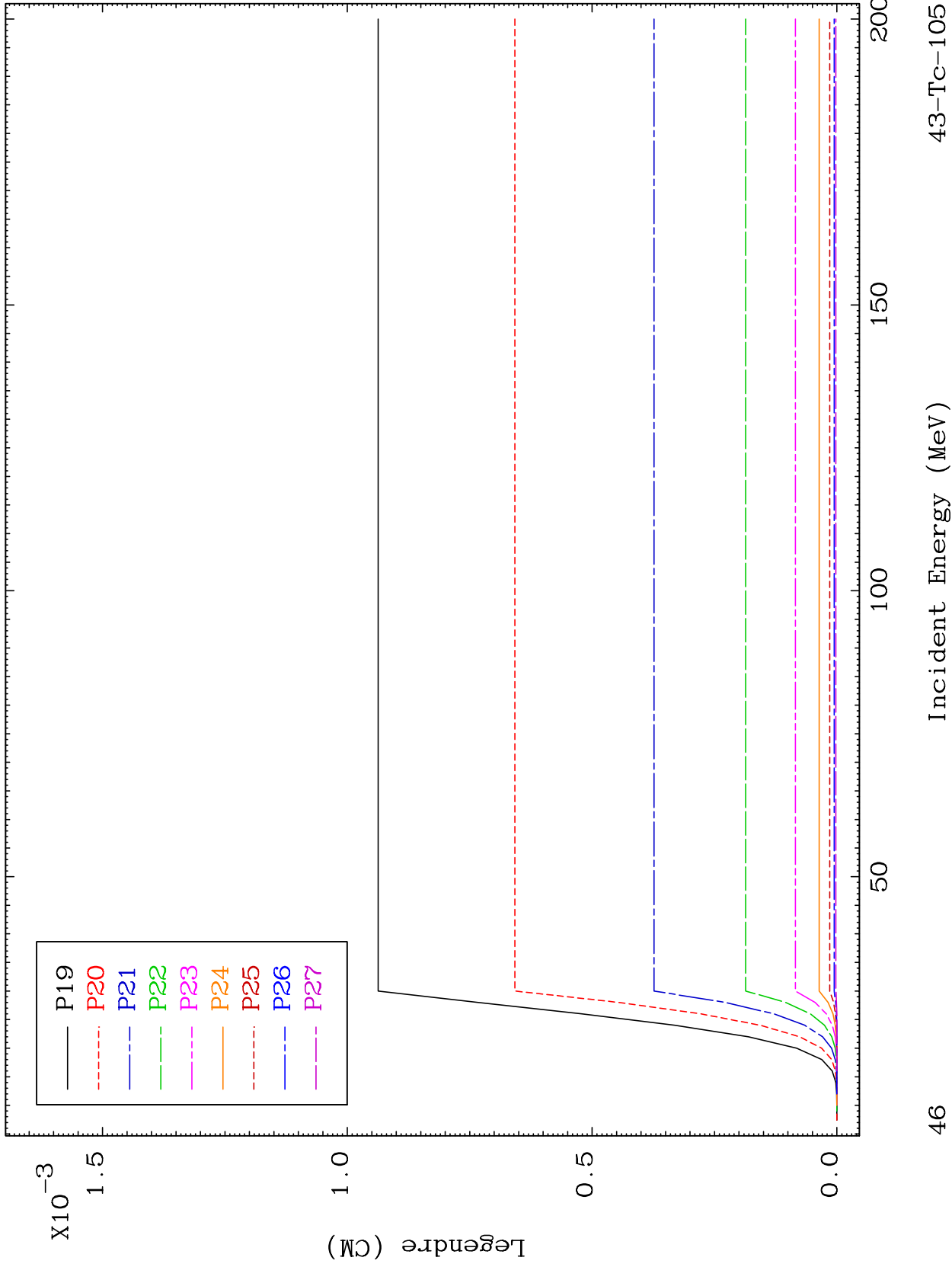
43-Tc-105



MAT 4343

278.6 keV (n,n') Level  
Legendre Coefficients

43-Tc-105



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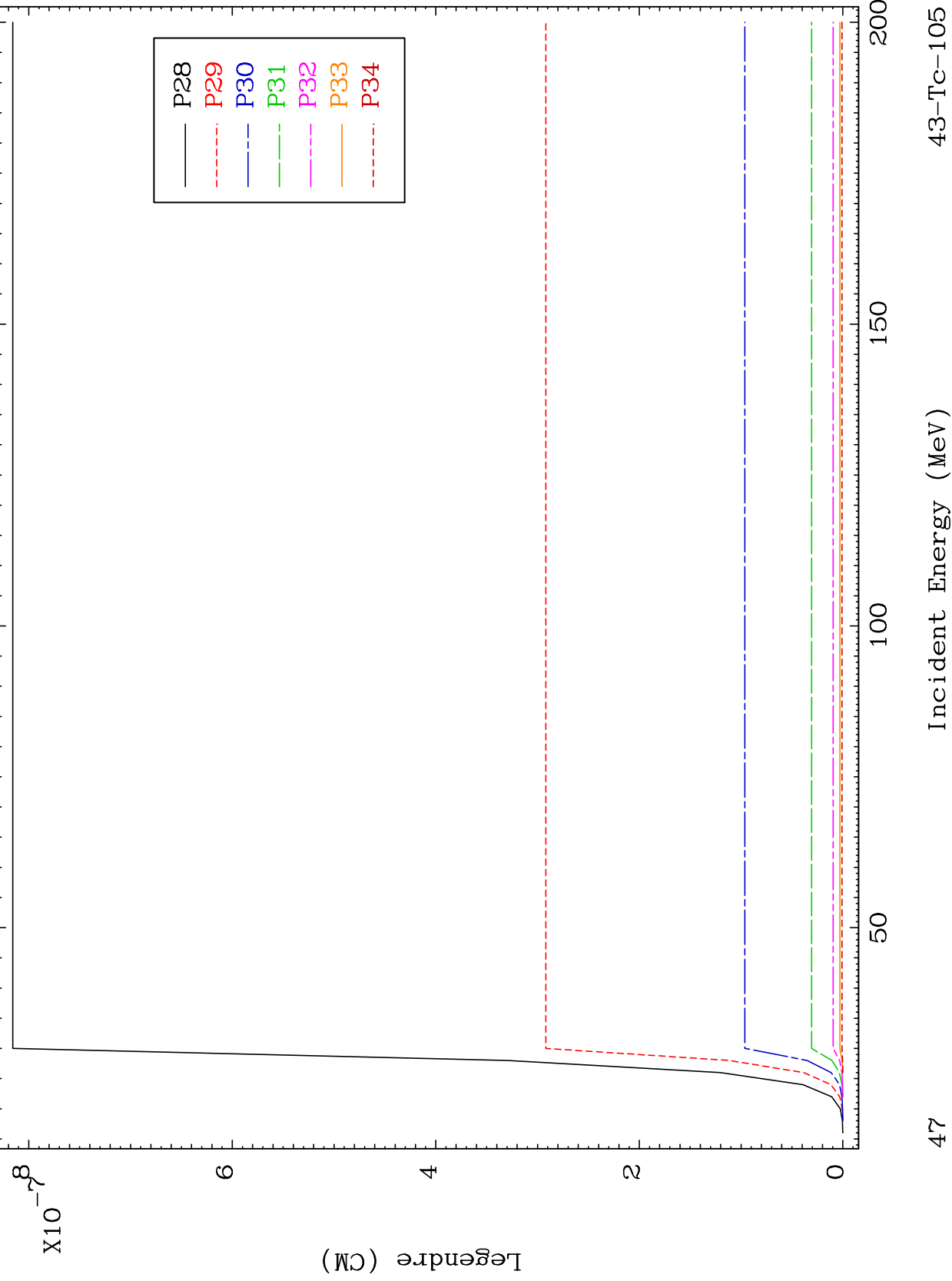
Incident Energy (MeV)

43-Tc-105

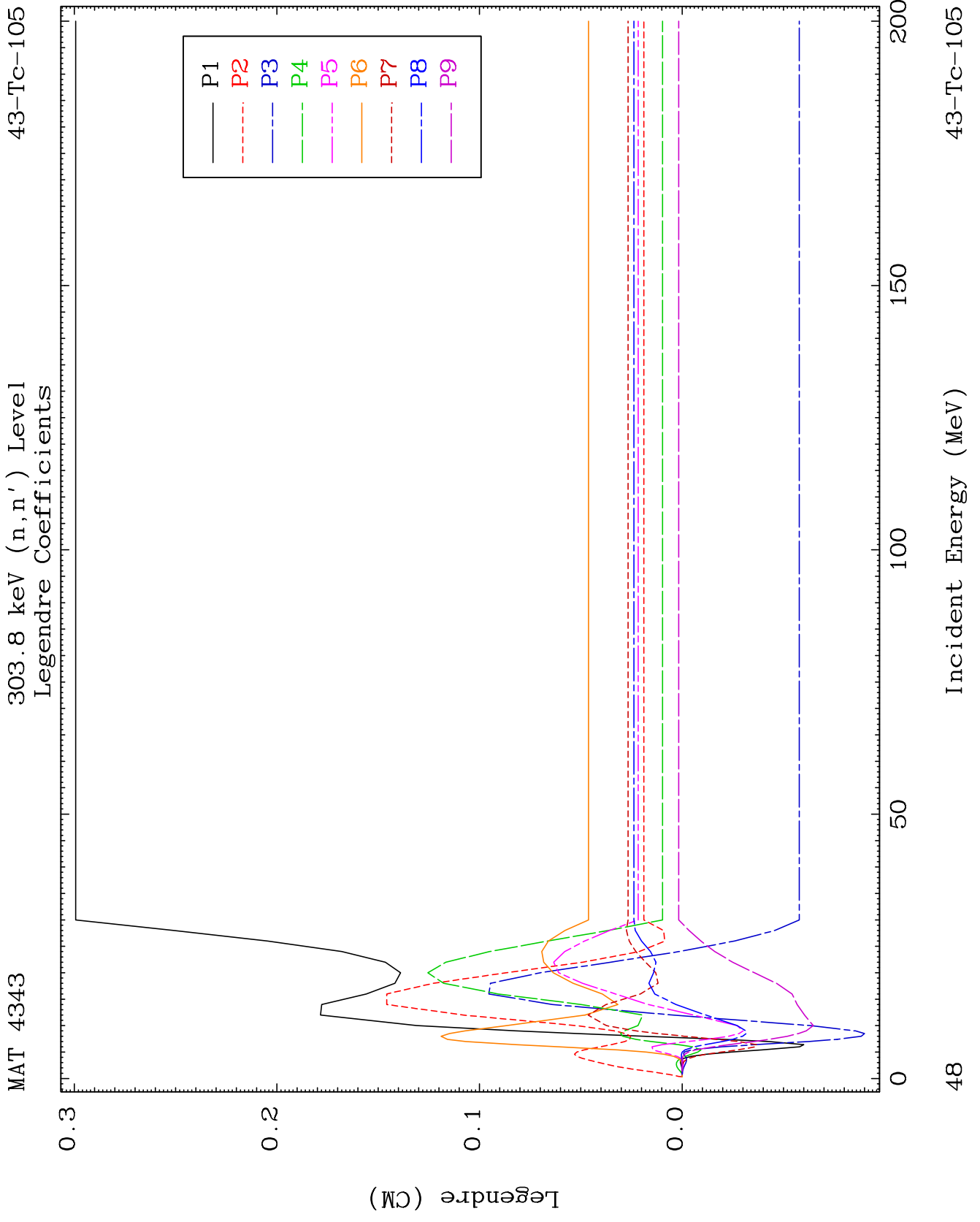
MAT 4343

278.6 keV (n,n') Level  
Legendre Coefficients

43-Tc-105



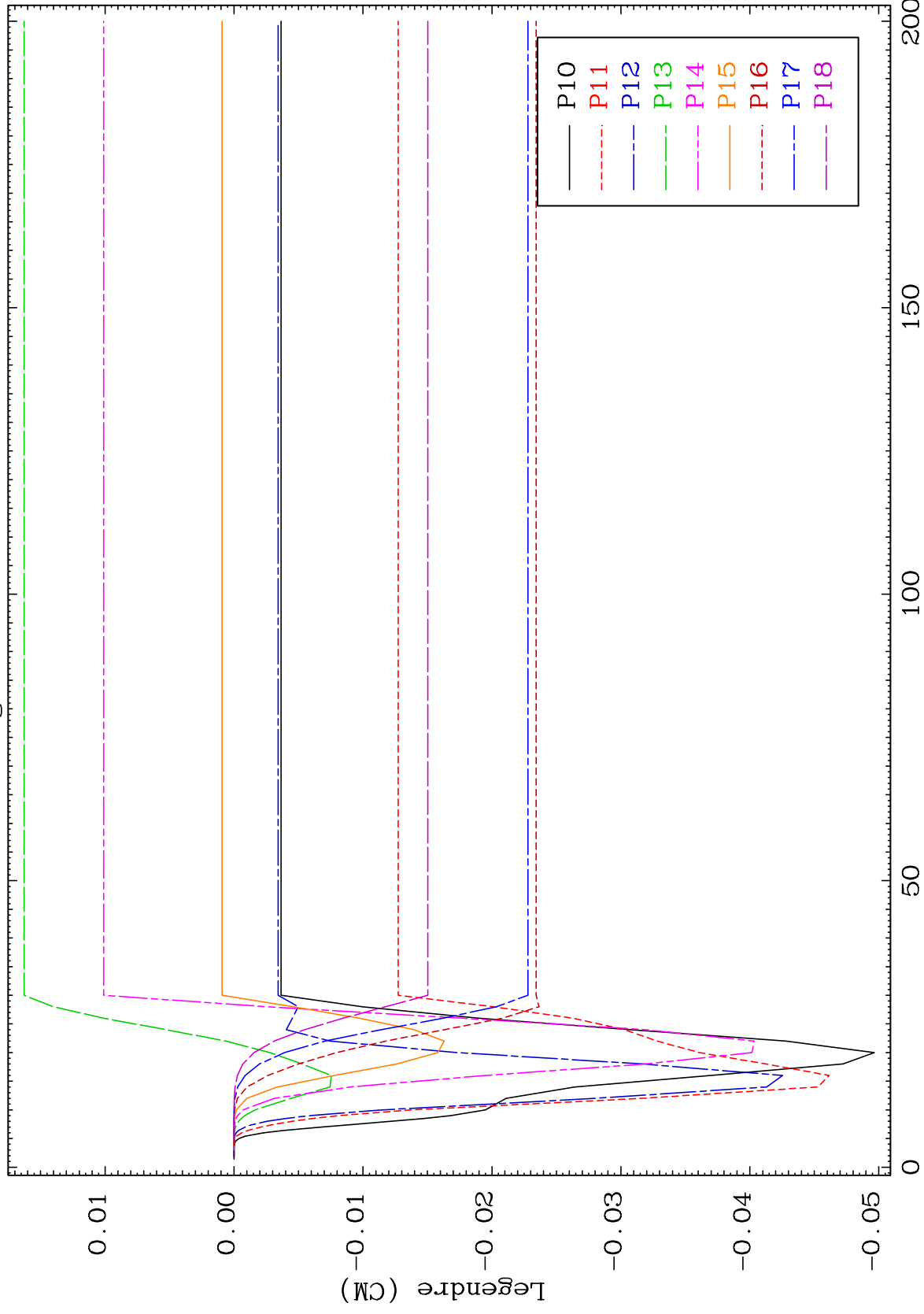




MAT 4343

303.8 keV (n,n') Level  
Legendre Coefficients

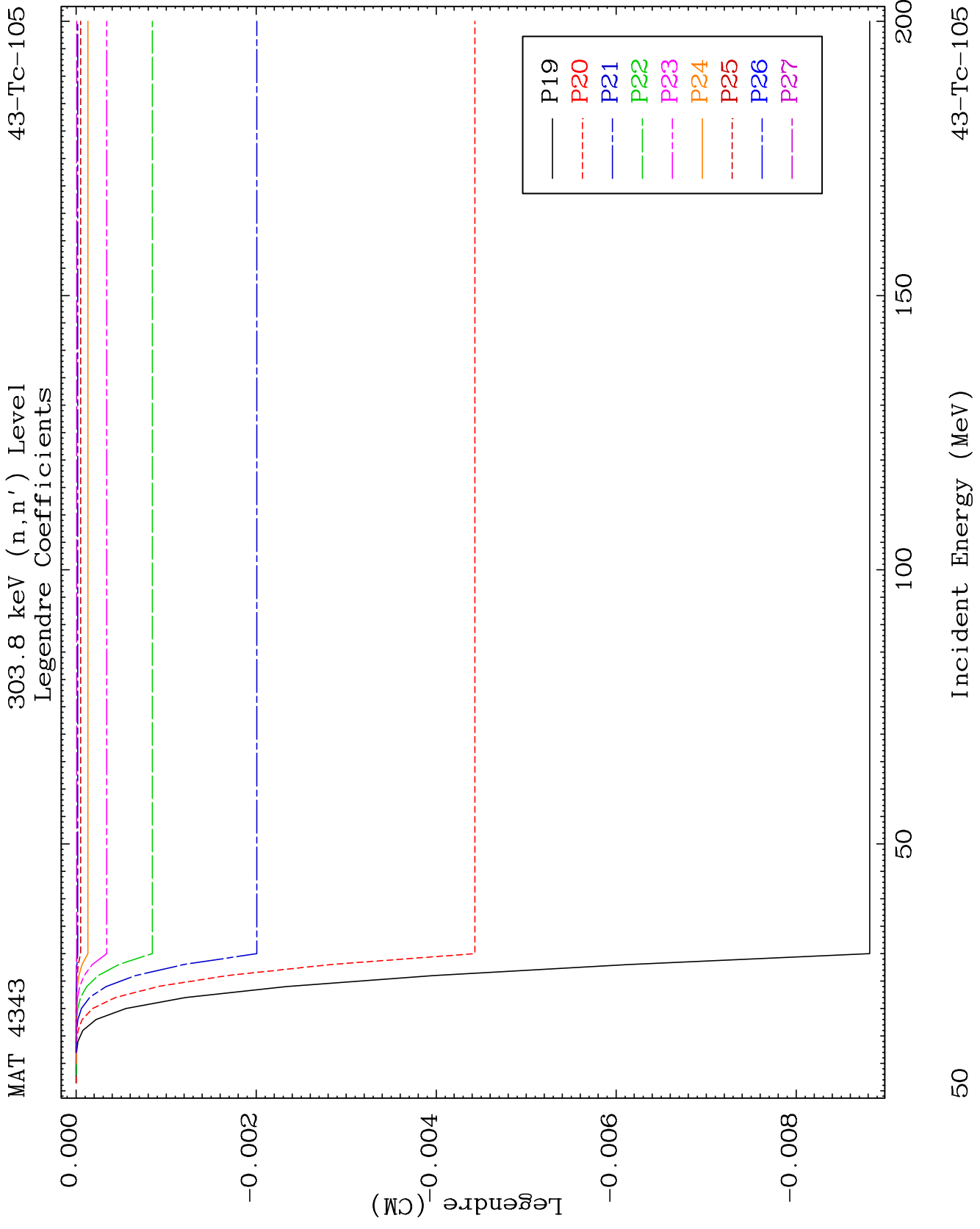
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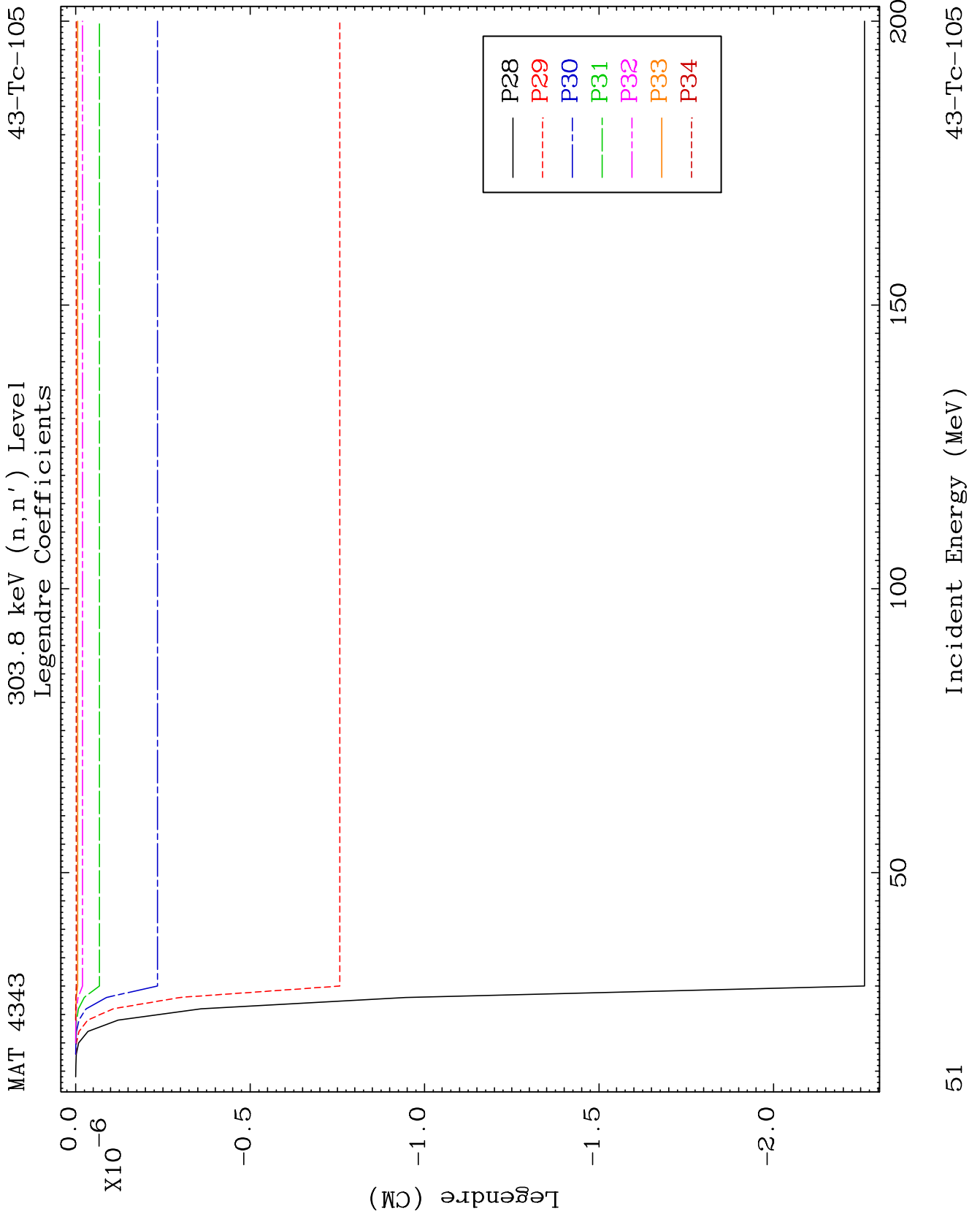


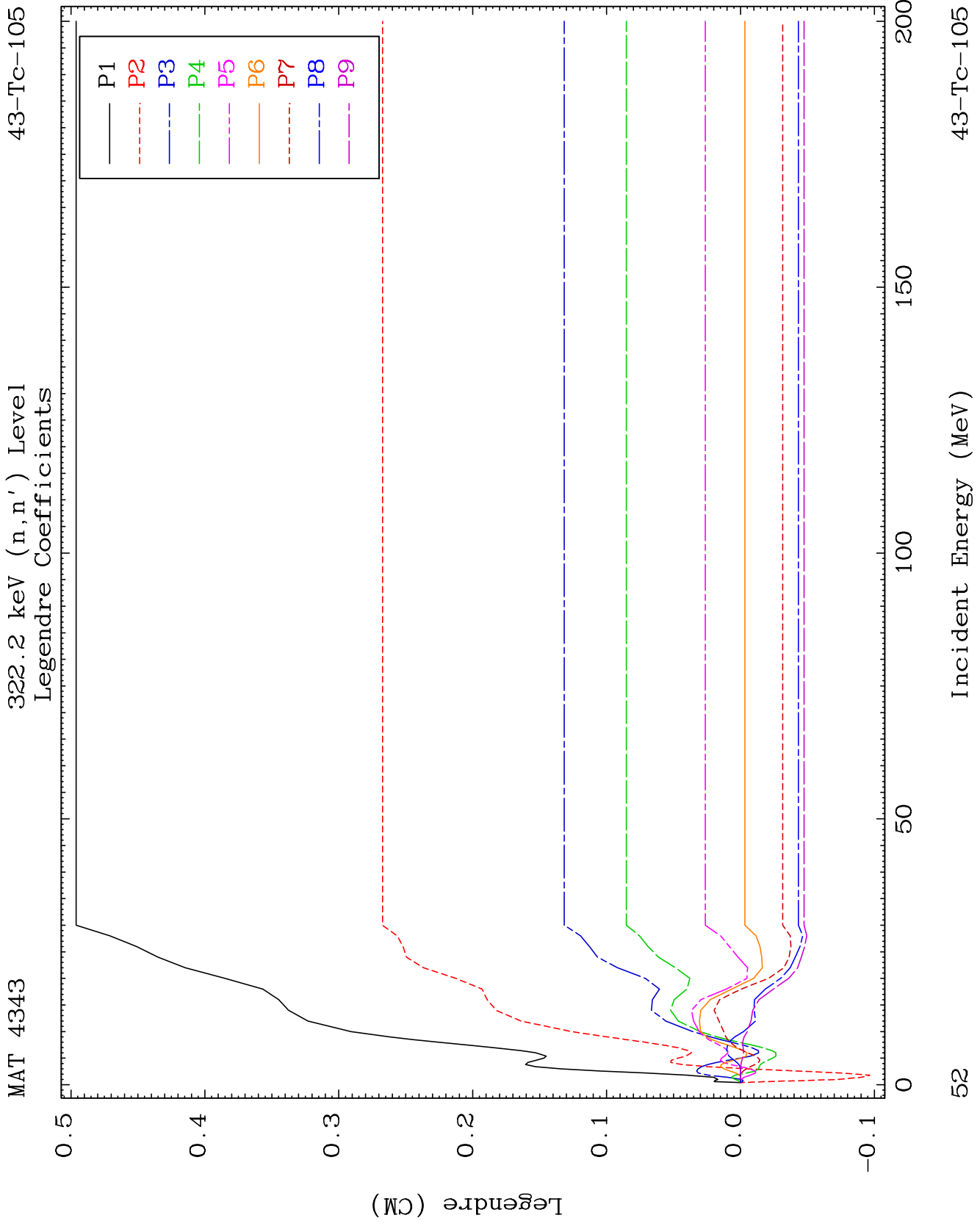
49

Incident Energy (MeV)

43-Tc-105



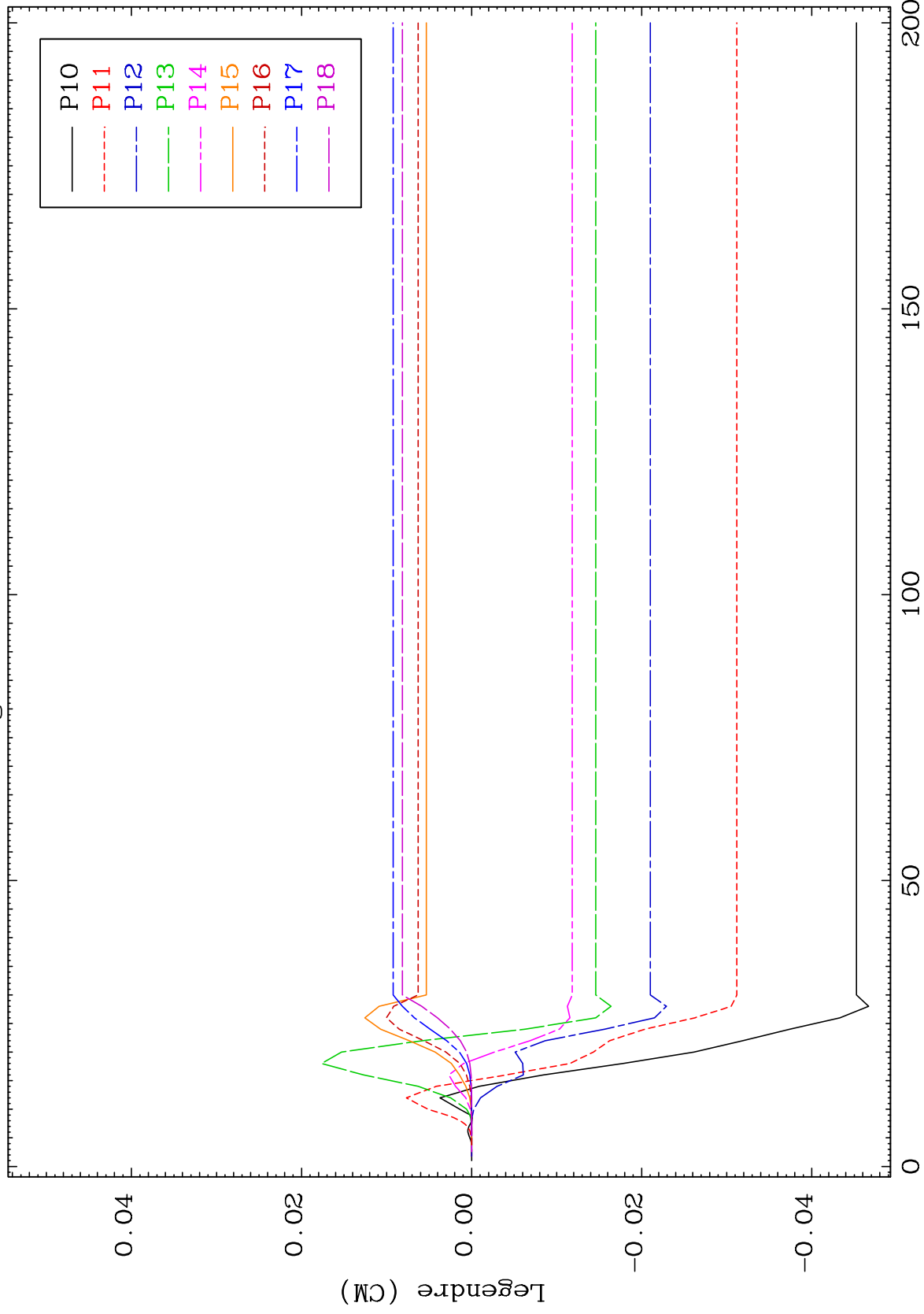




MAT 4343

322.2 keV (n,n') Level  
Legendre Coefficients

43-Tc-105



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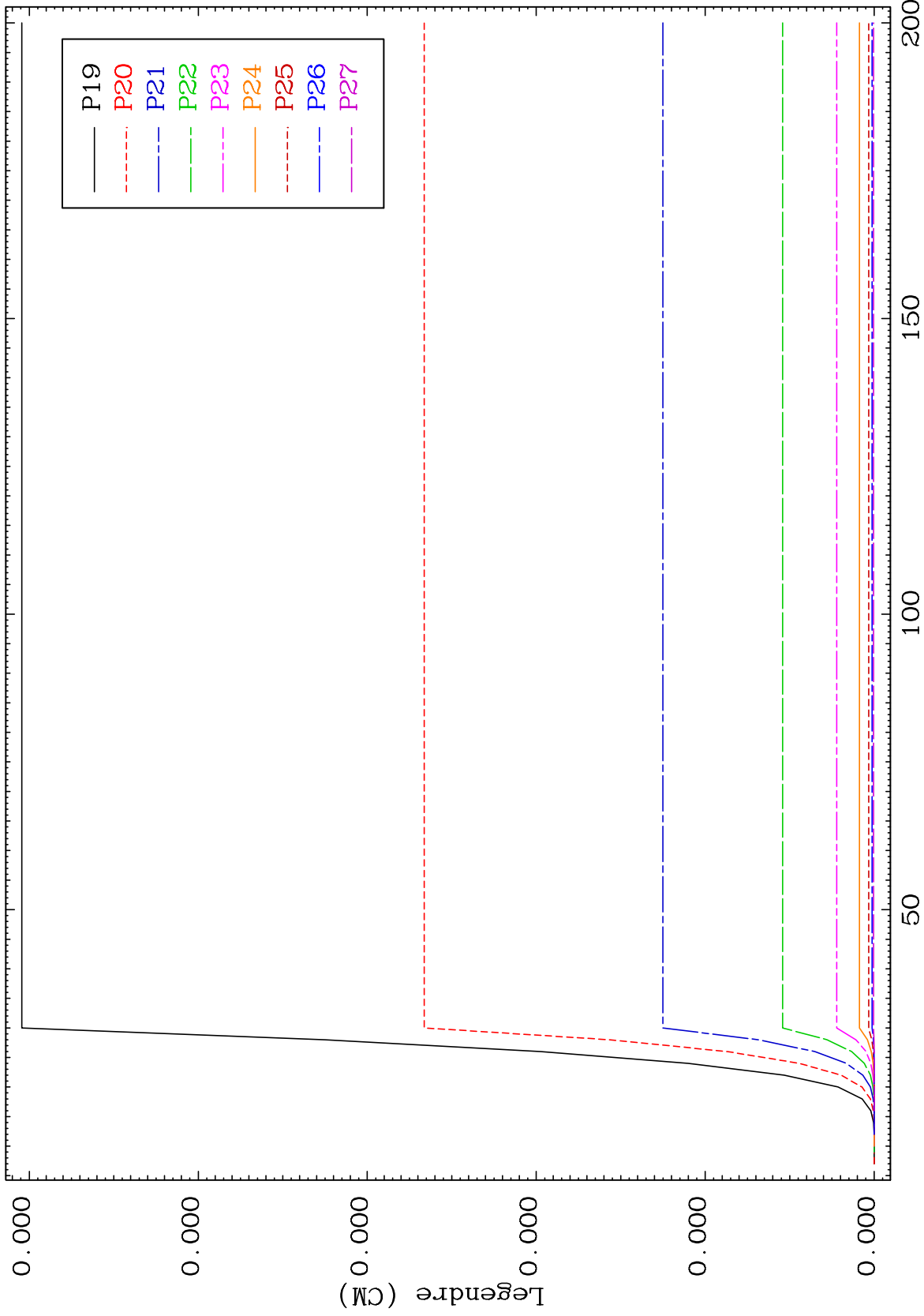
Incident Energy (MeV)

43-Tc-105

MAT 4343

322.2 keV (n,n') Level  
Legendre Coefficients

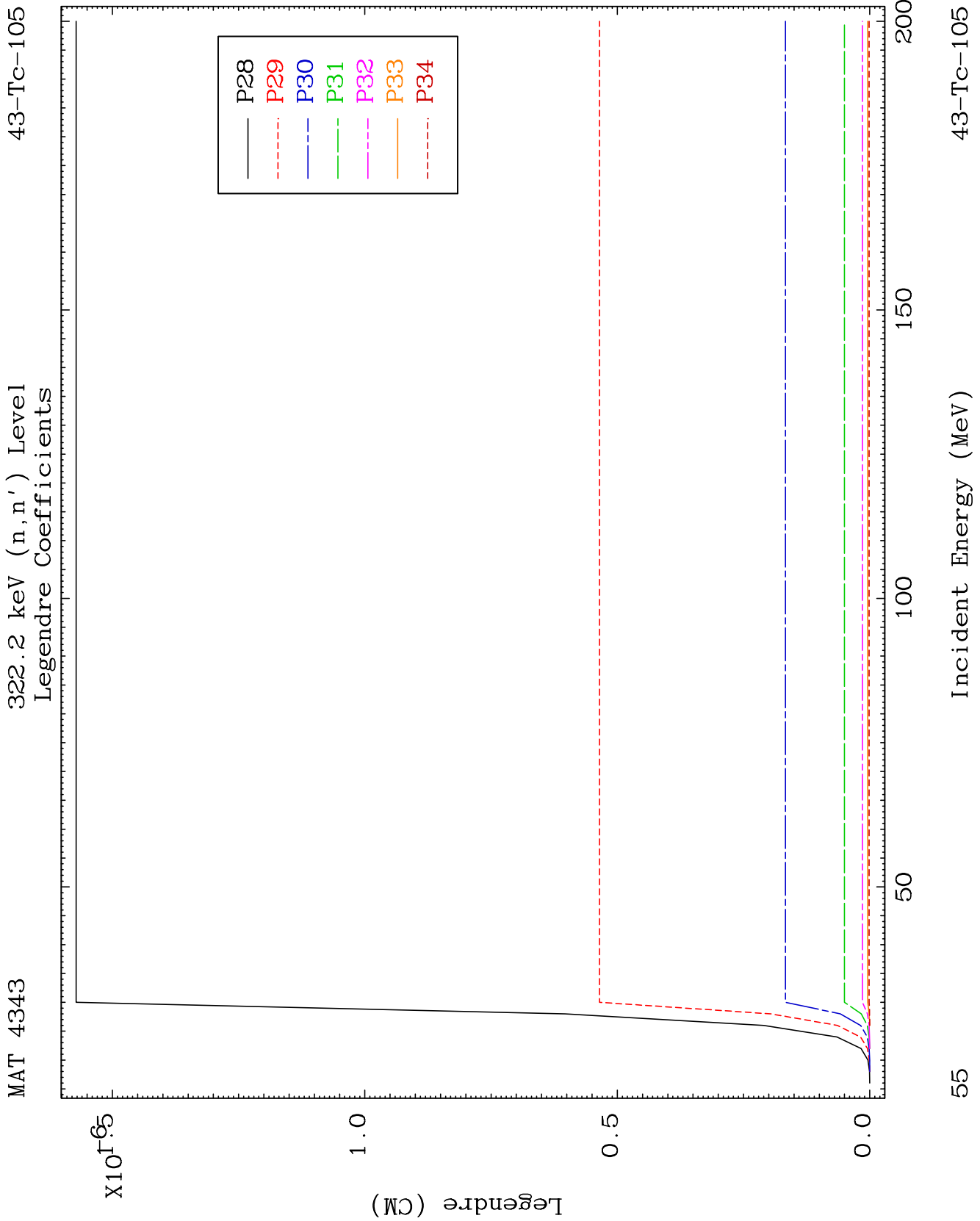
43-Tc-105



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Incident Energy (MeV)

43-Tc-105

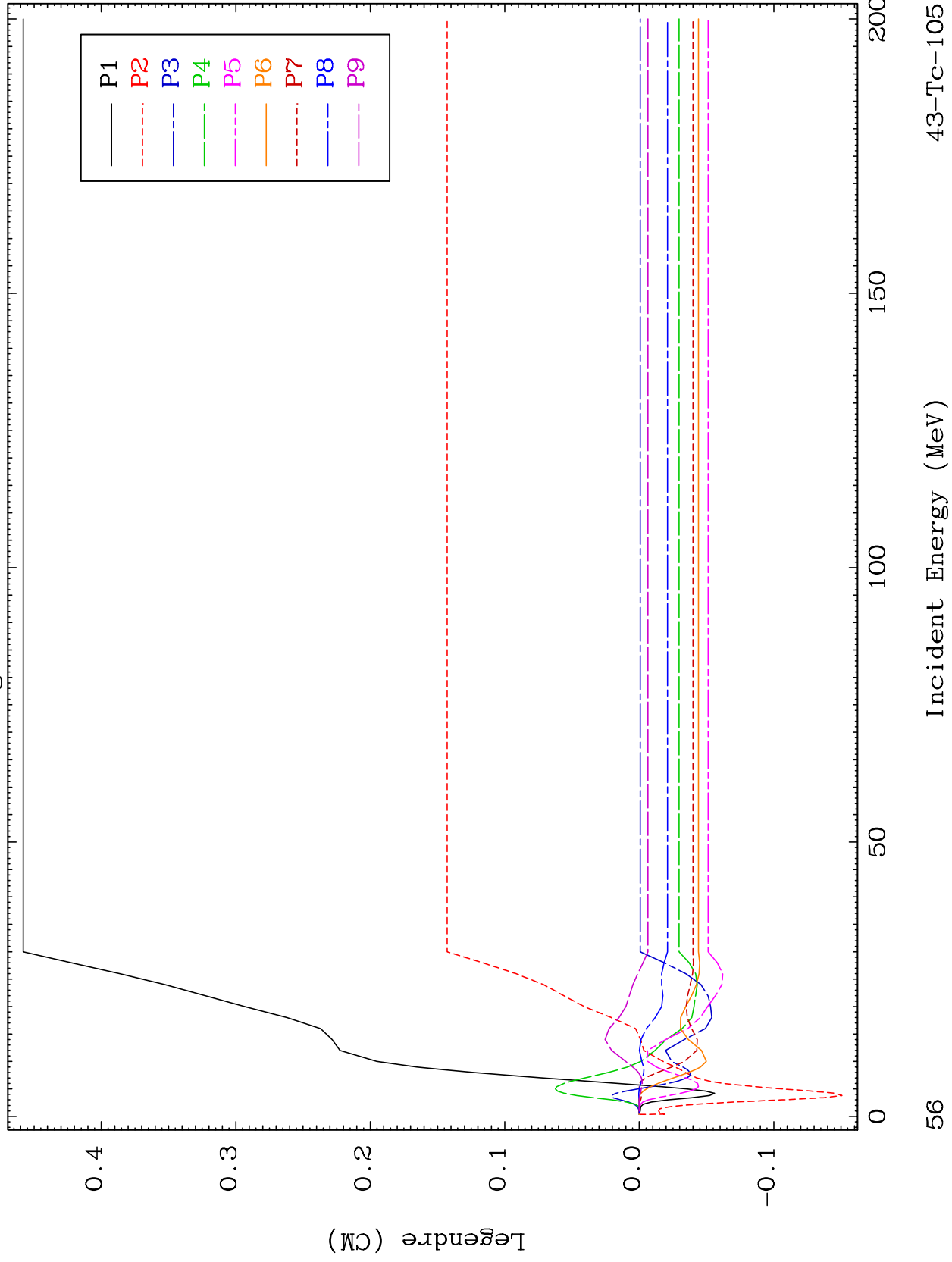




MAT 4343

345.7 keV (n, n') Level  
Legendre Coefficients

43-Tc-105



43-Tc-105

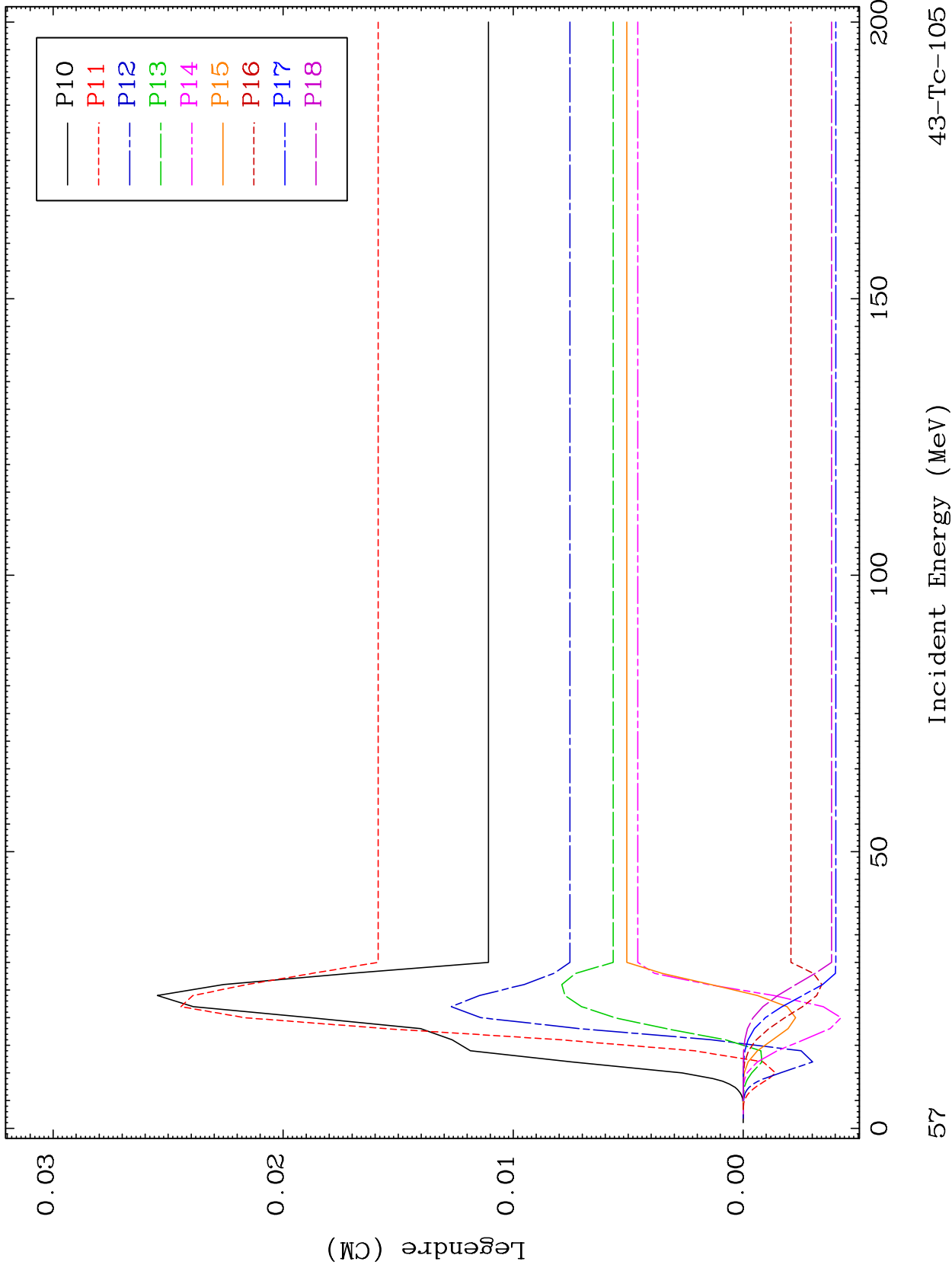
Incident Energy (MeV)

56

MAT 4343

345.7 keV (n,n') Level  
Legendre Coefficients

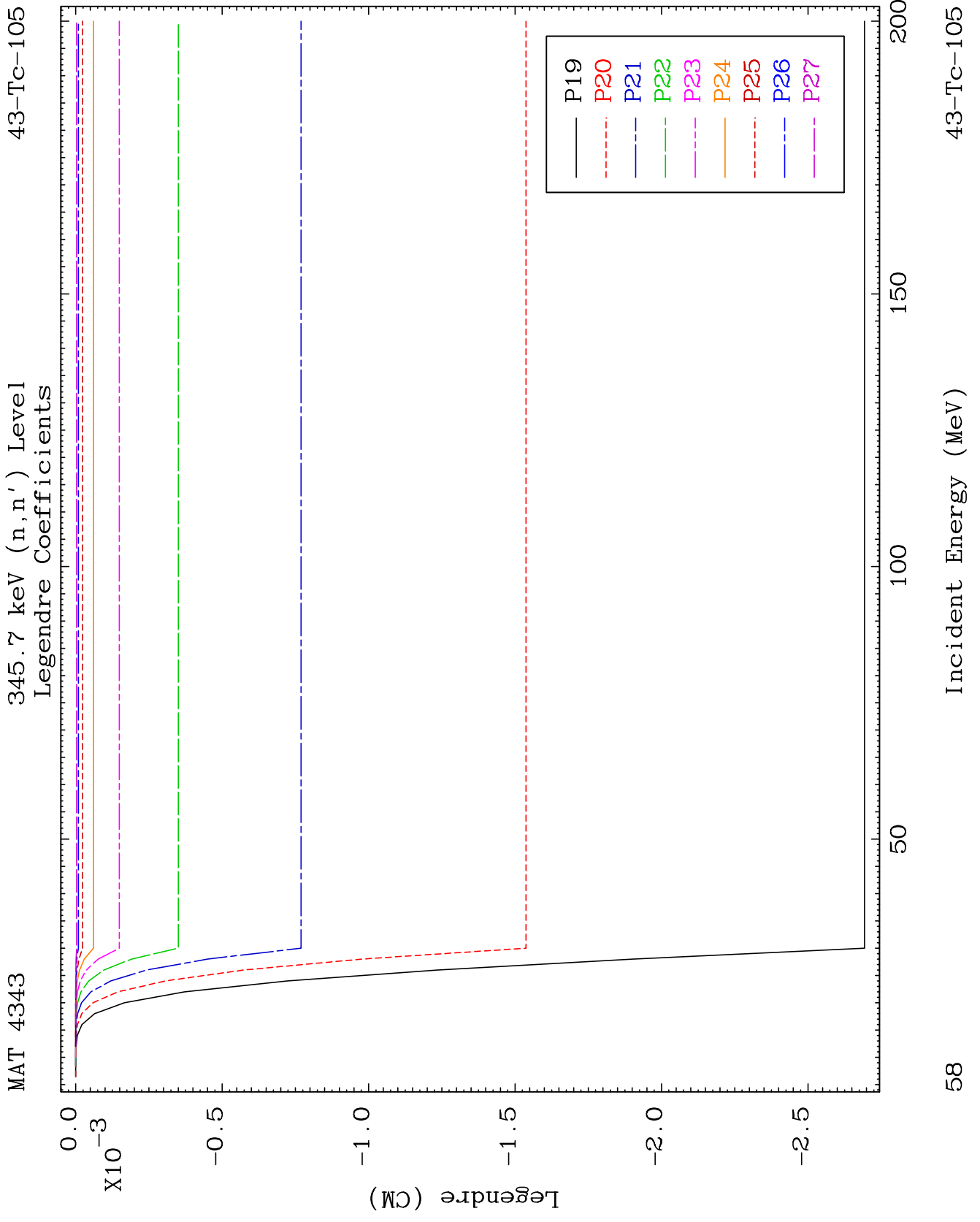
43-Tc-105

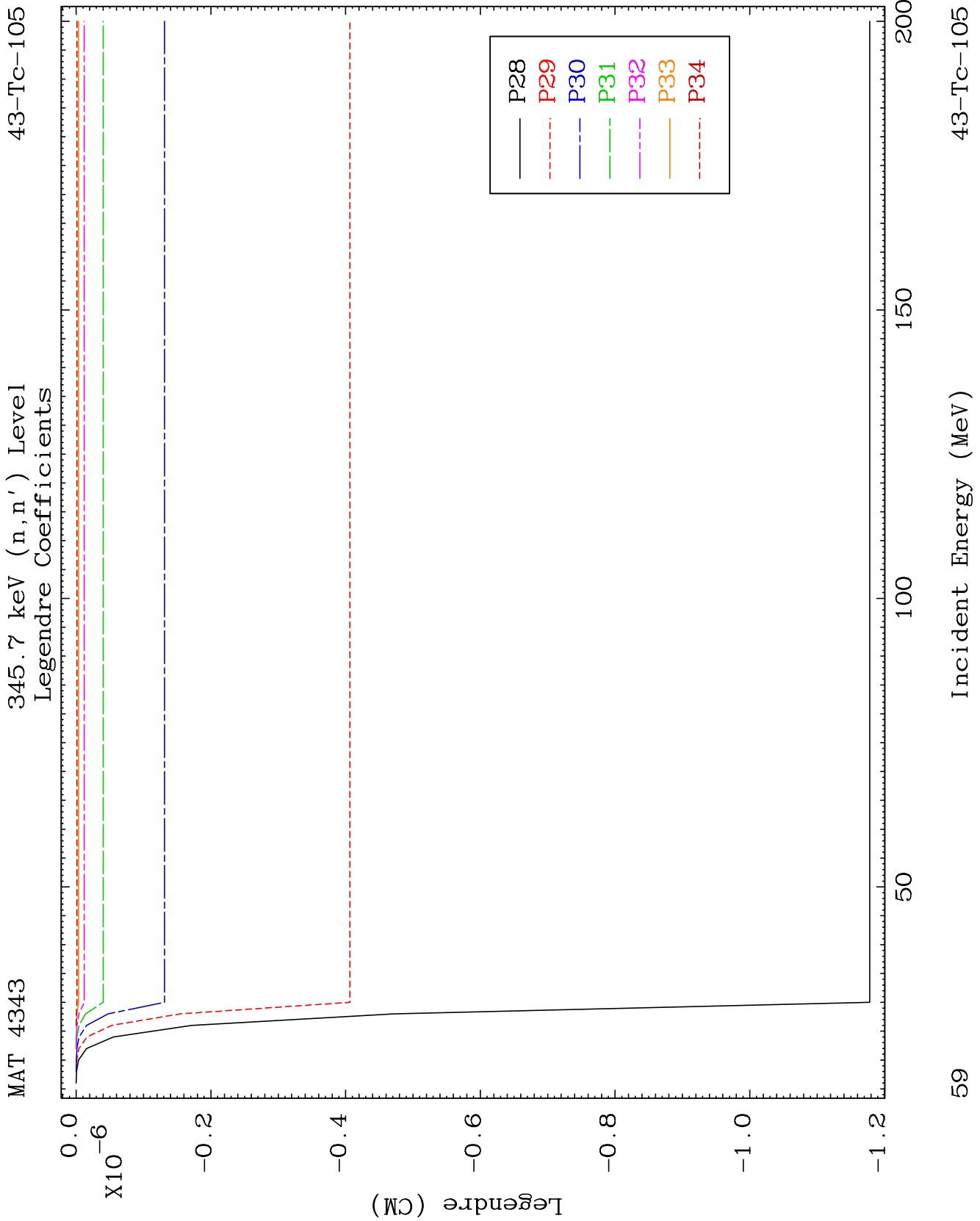


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Incident Energy (MeV)

43-Tc-105

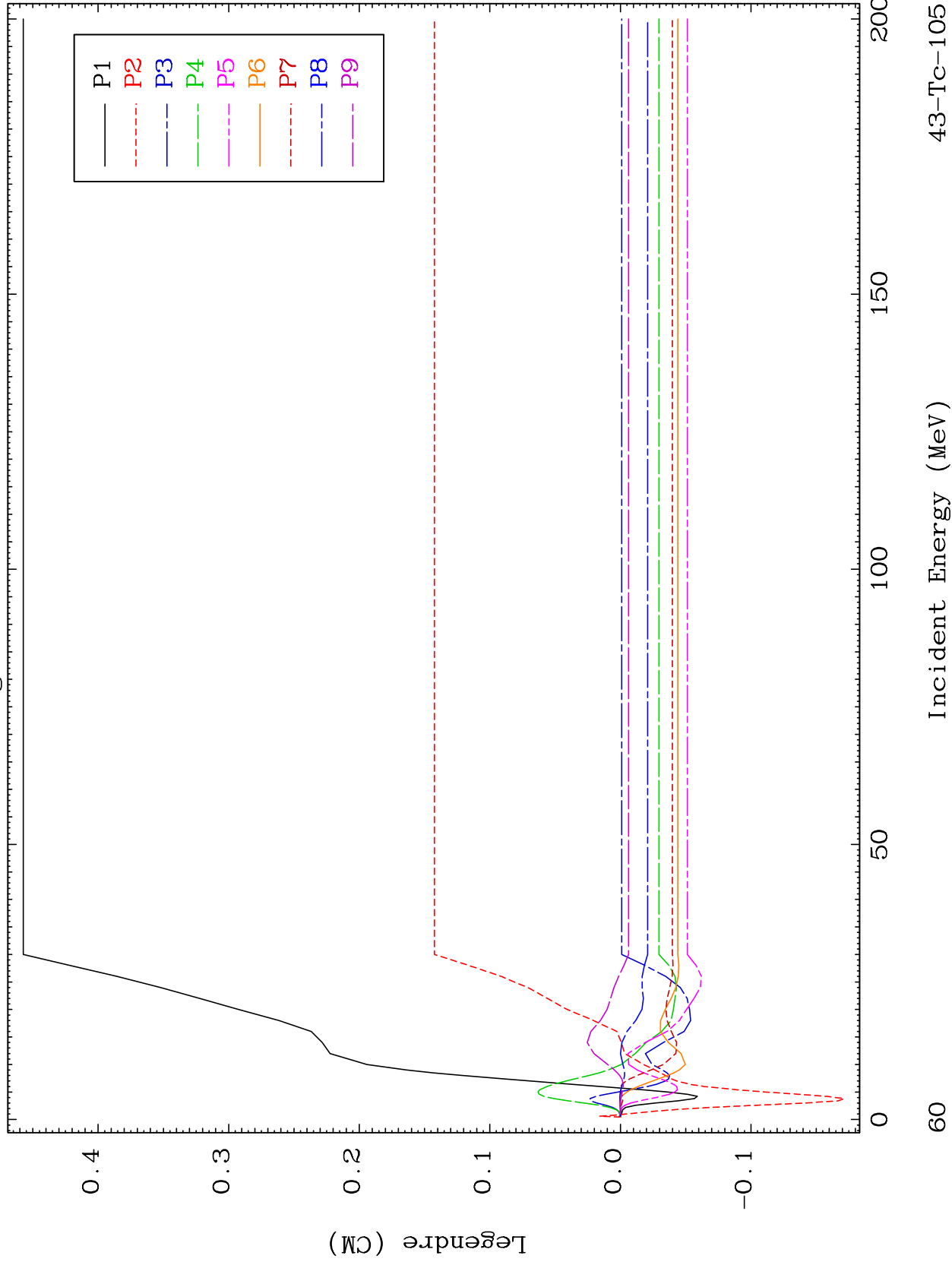




MAT 4343

440.9 keV (n,n') Level  
Legendre Coefficients

43-Tc-105

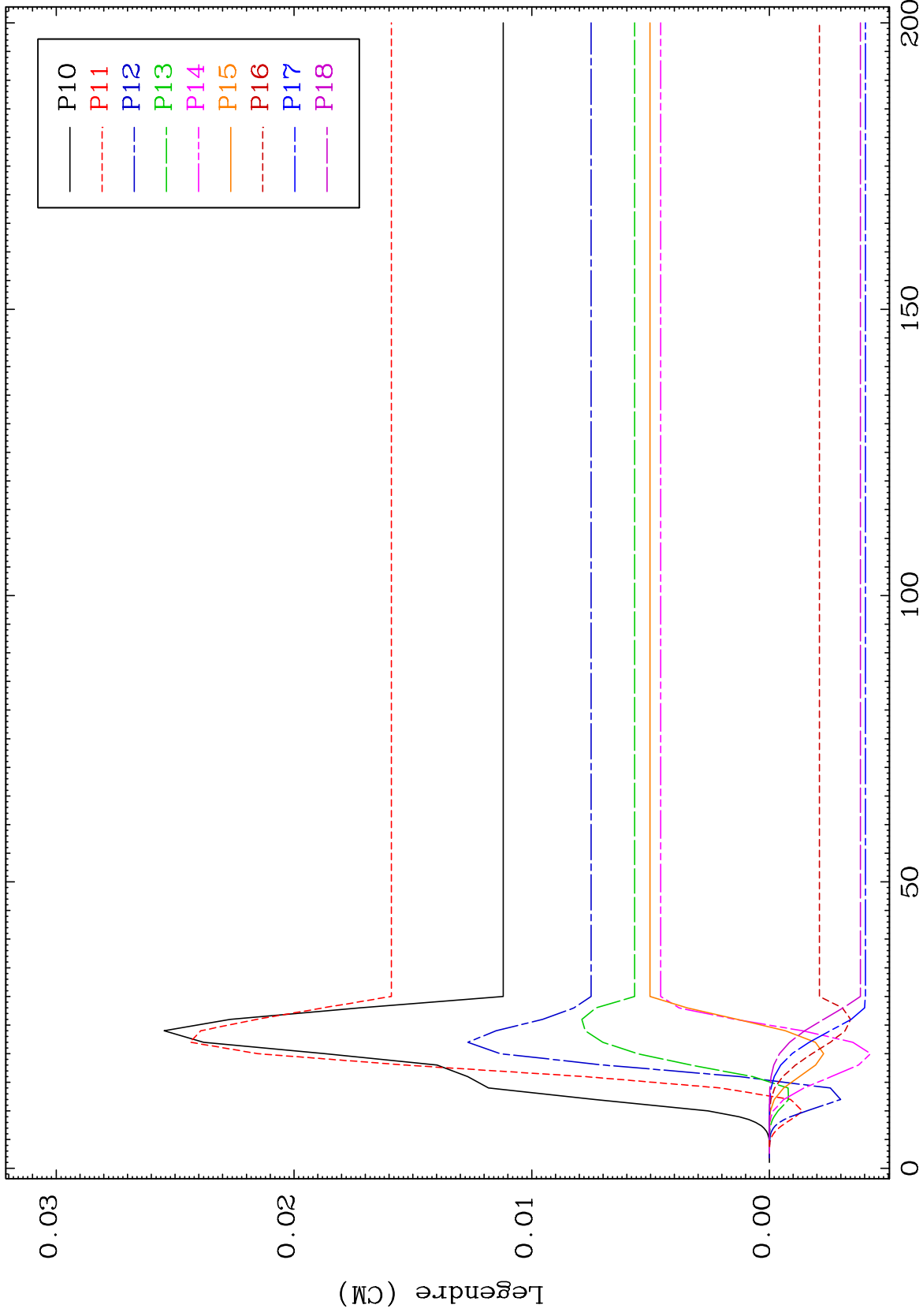


43-Tc-105

MAT 4343

440.9 keV (n, n') Level  
Legendre Coefficients

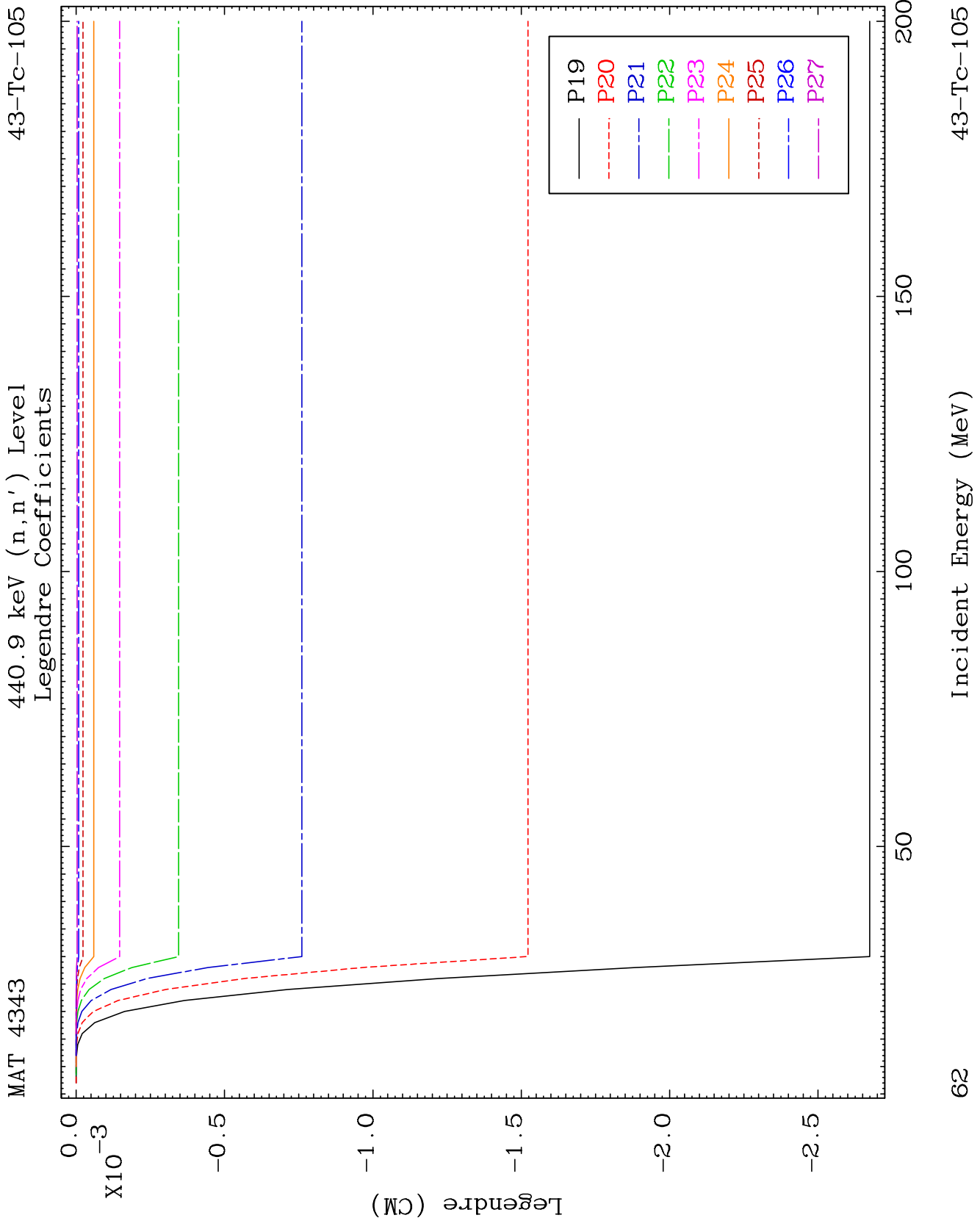
43-Tc-105

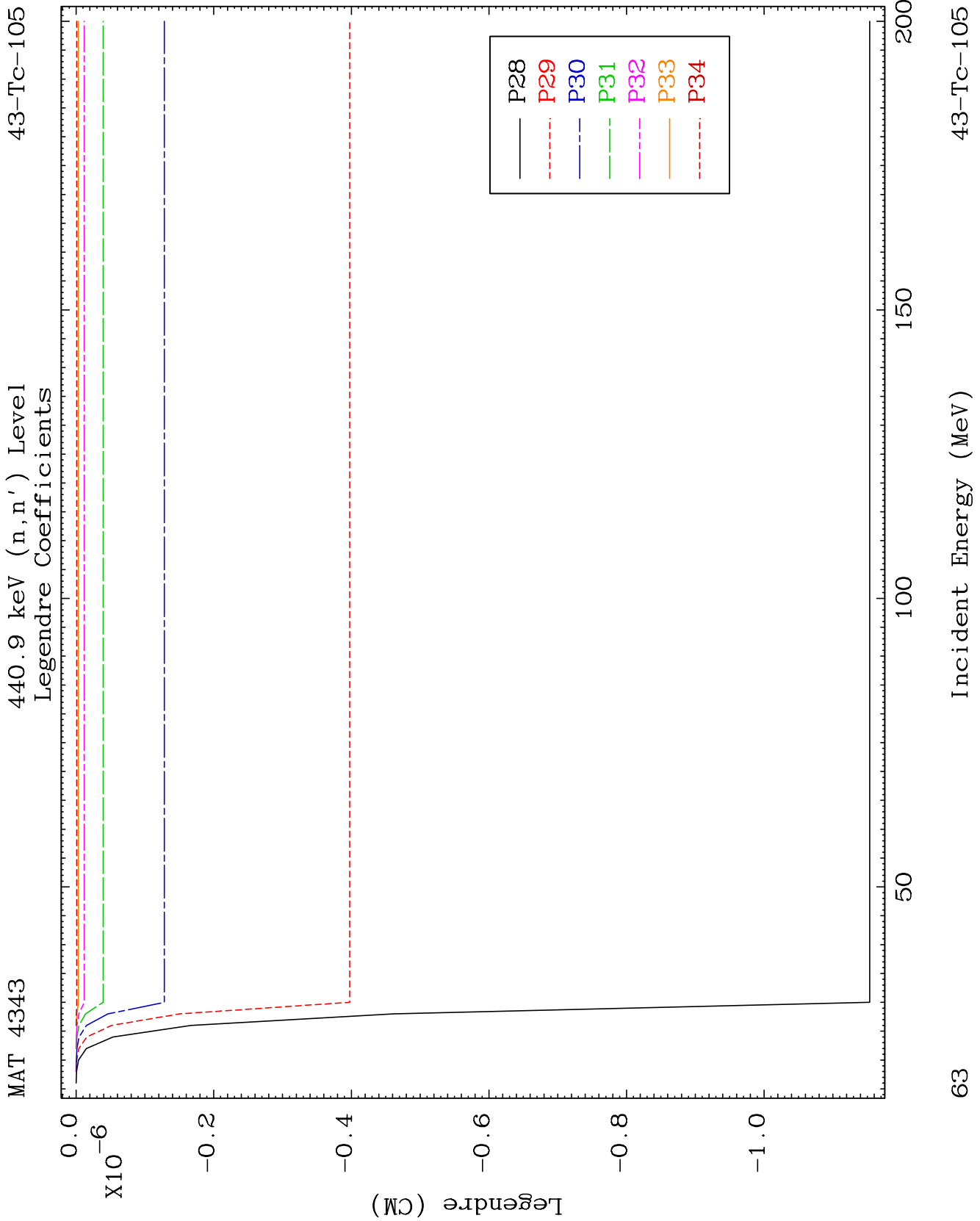


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Incident Energy (MeV)

43-Tc-105



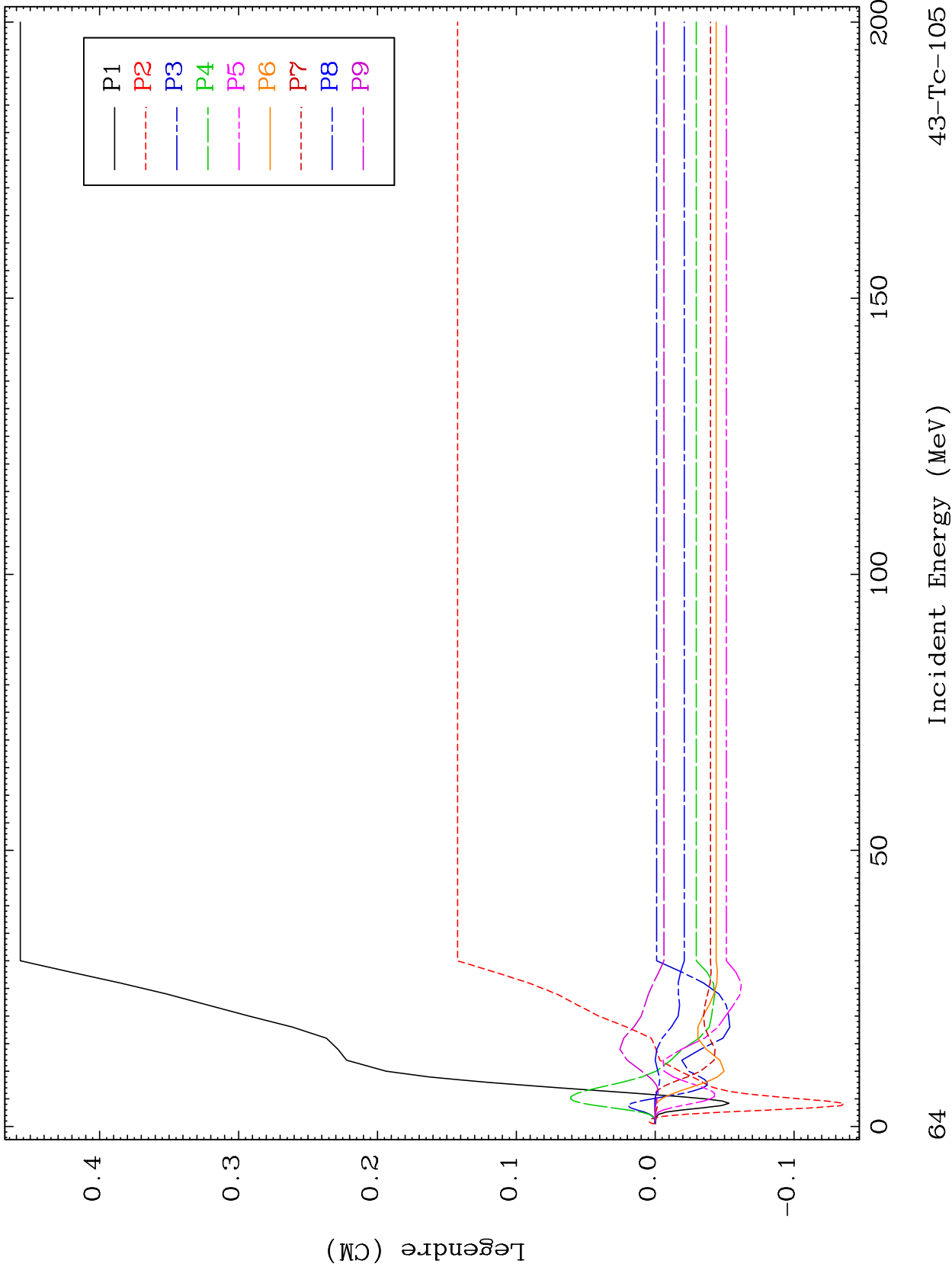




MAT 4343

463.6 keV (n,n') Level  
Legendre Coefficients

43-Tc-105



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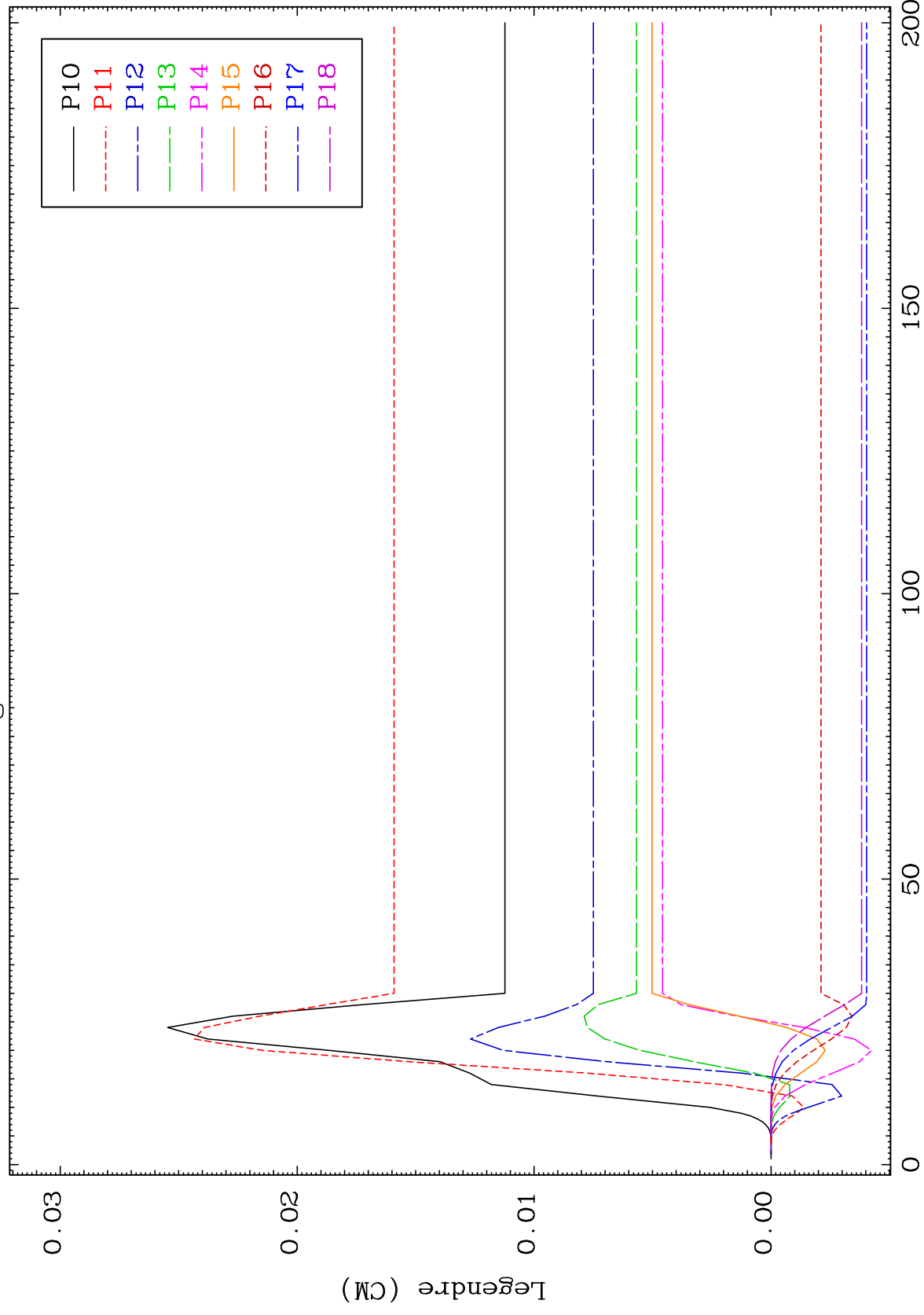
Incident Energy (MeV)

43-Tc-105

MAT 4343

463.6 keV (n,n') Level  
Legendre Coefficients

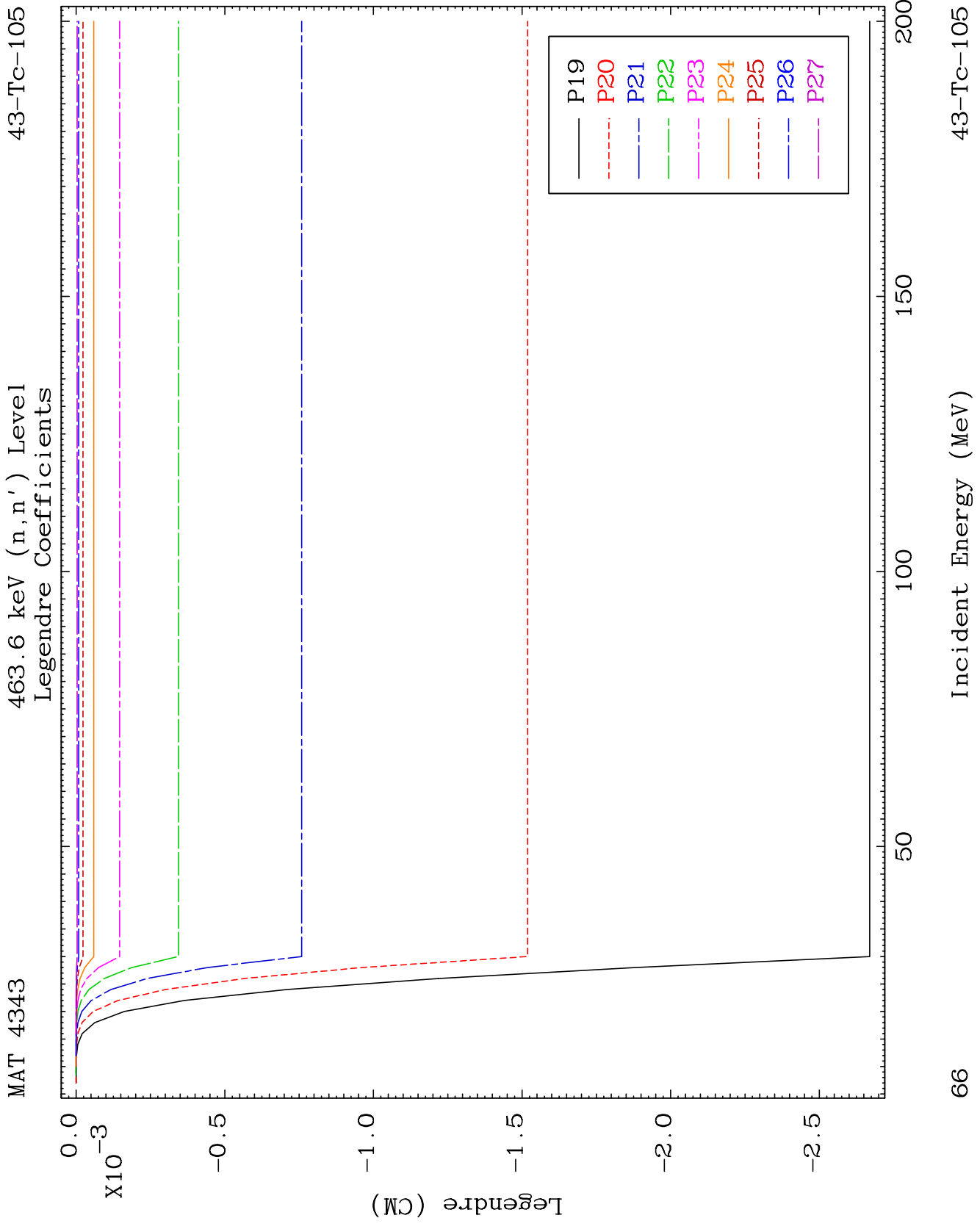
43-Tc-105

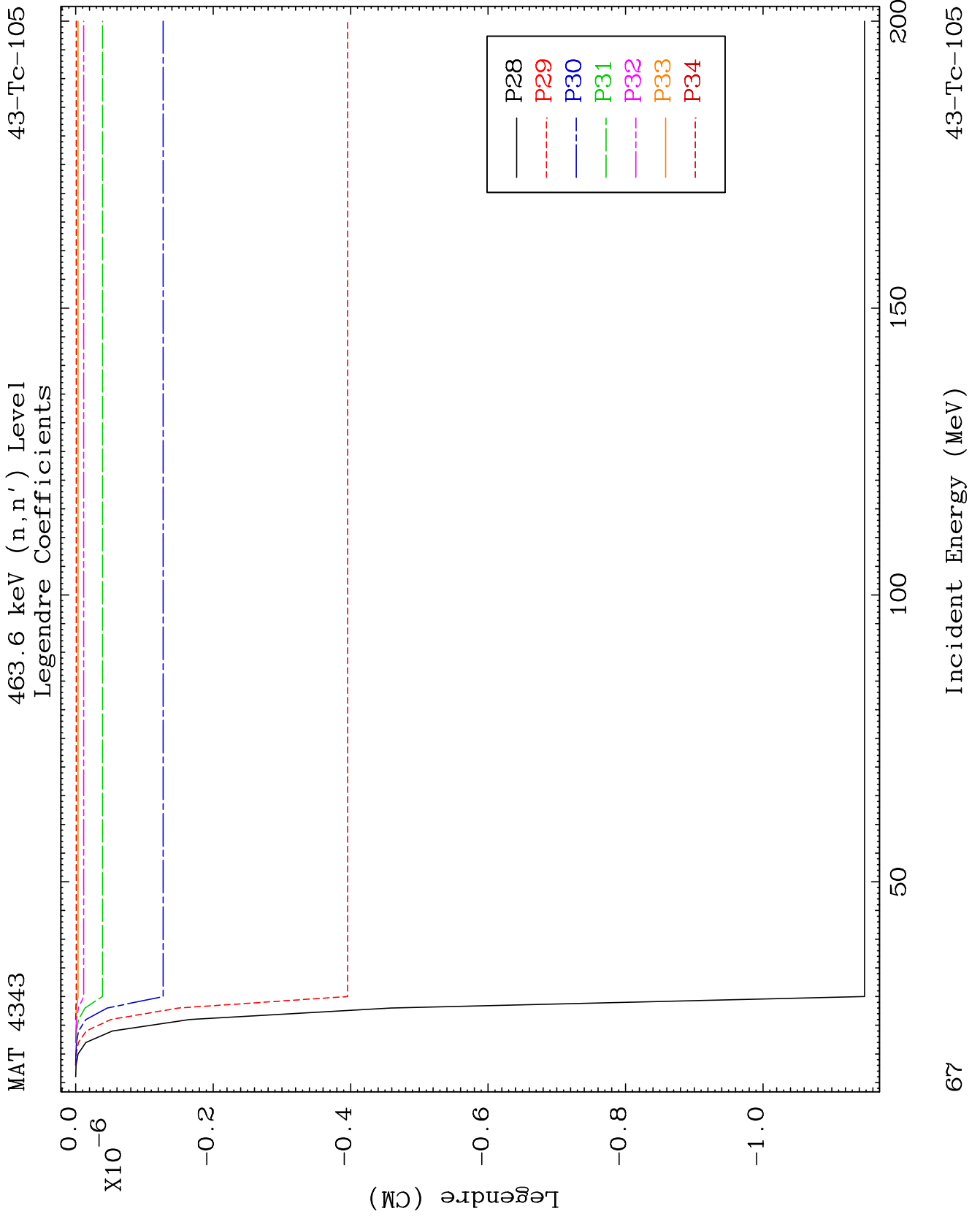


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Incident Energy (MeV)

43-Tc-105

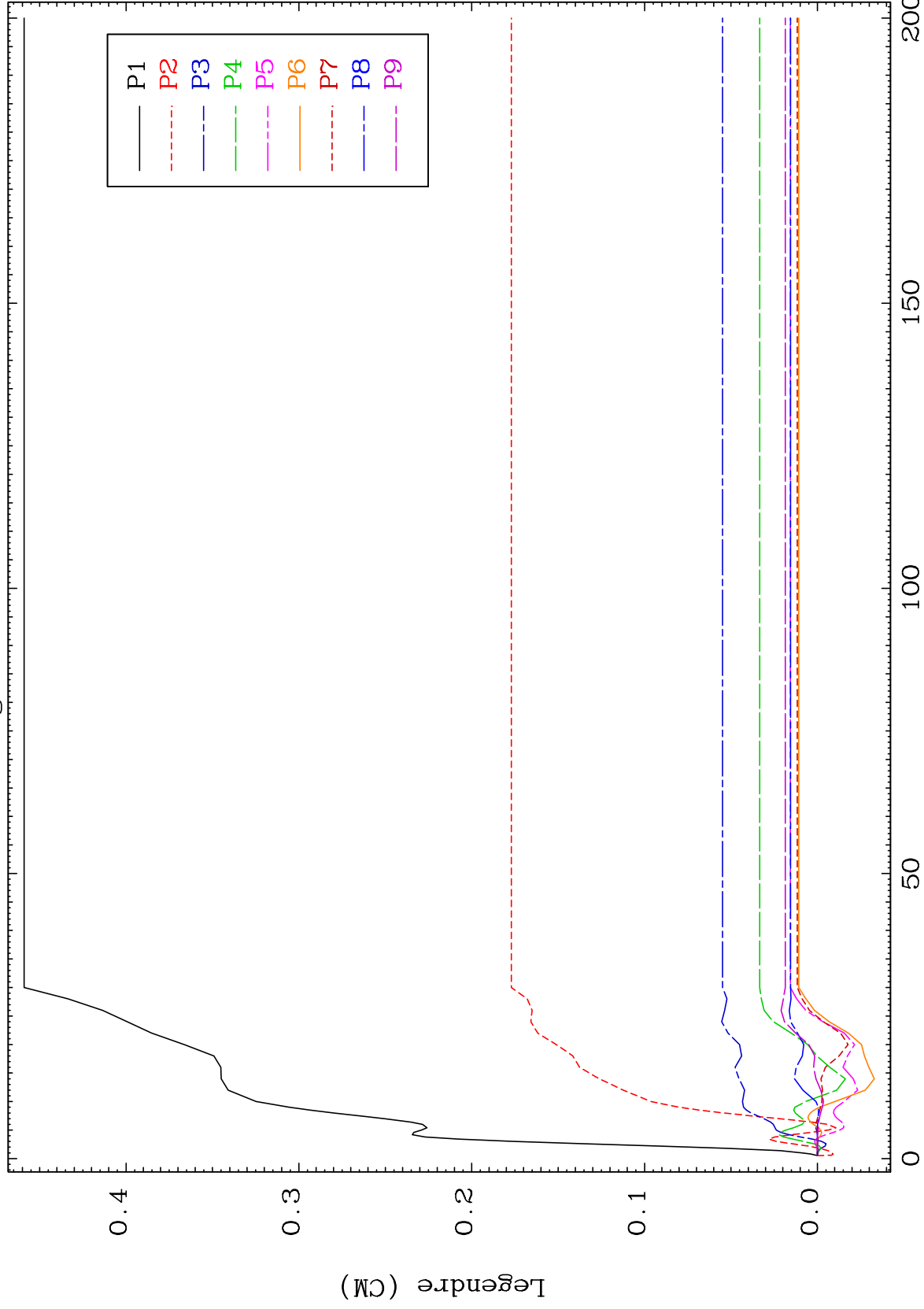




MAT 4343

491.4 keV (n,n') Level  
Legendre Coefficients

43-Tc-105



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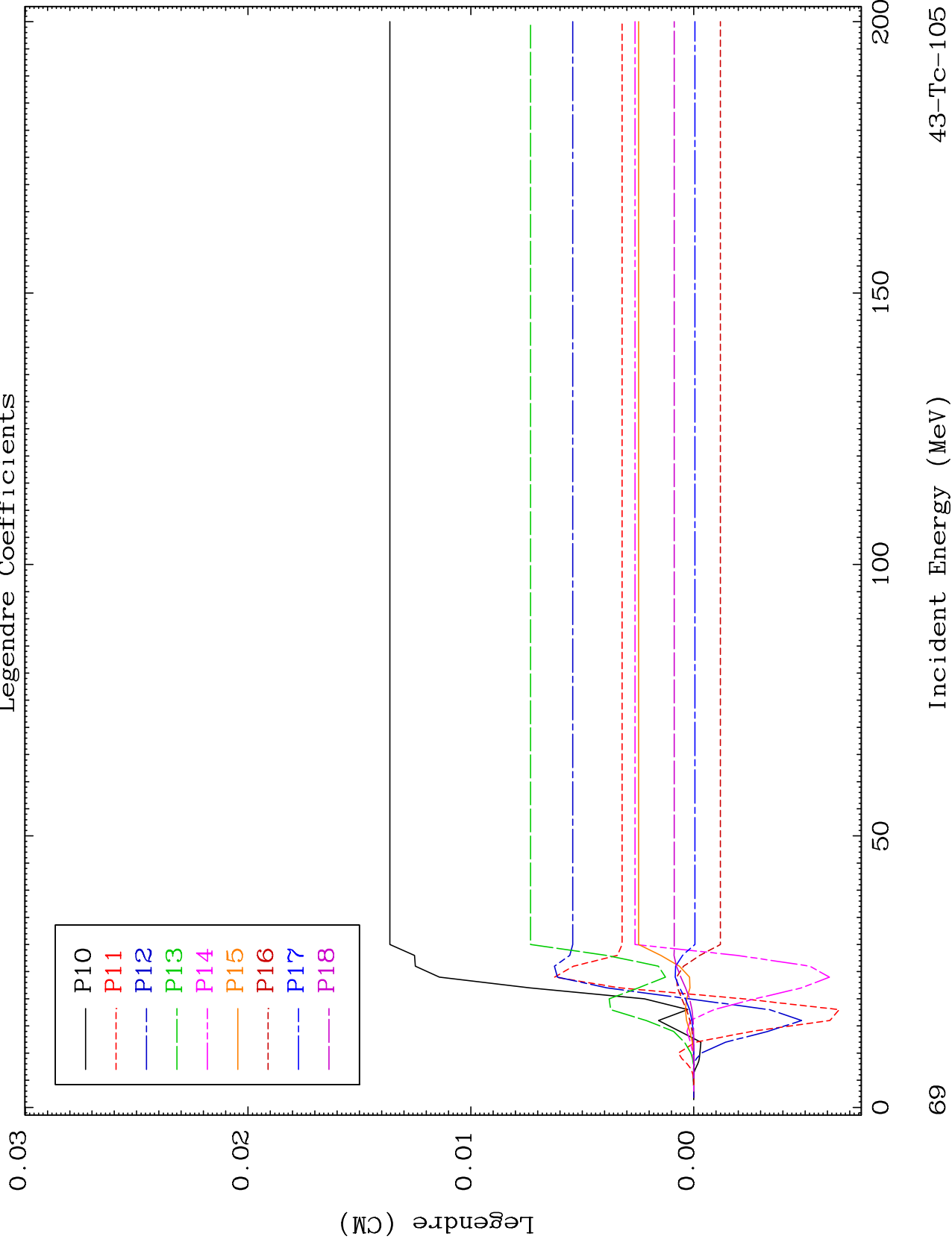
Incident Energy (MeV)

43-Tc-105

MAT 4343

491.4 keV (n,n') Level  
Legendre Coefficients

43-Tc-105



69

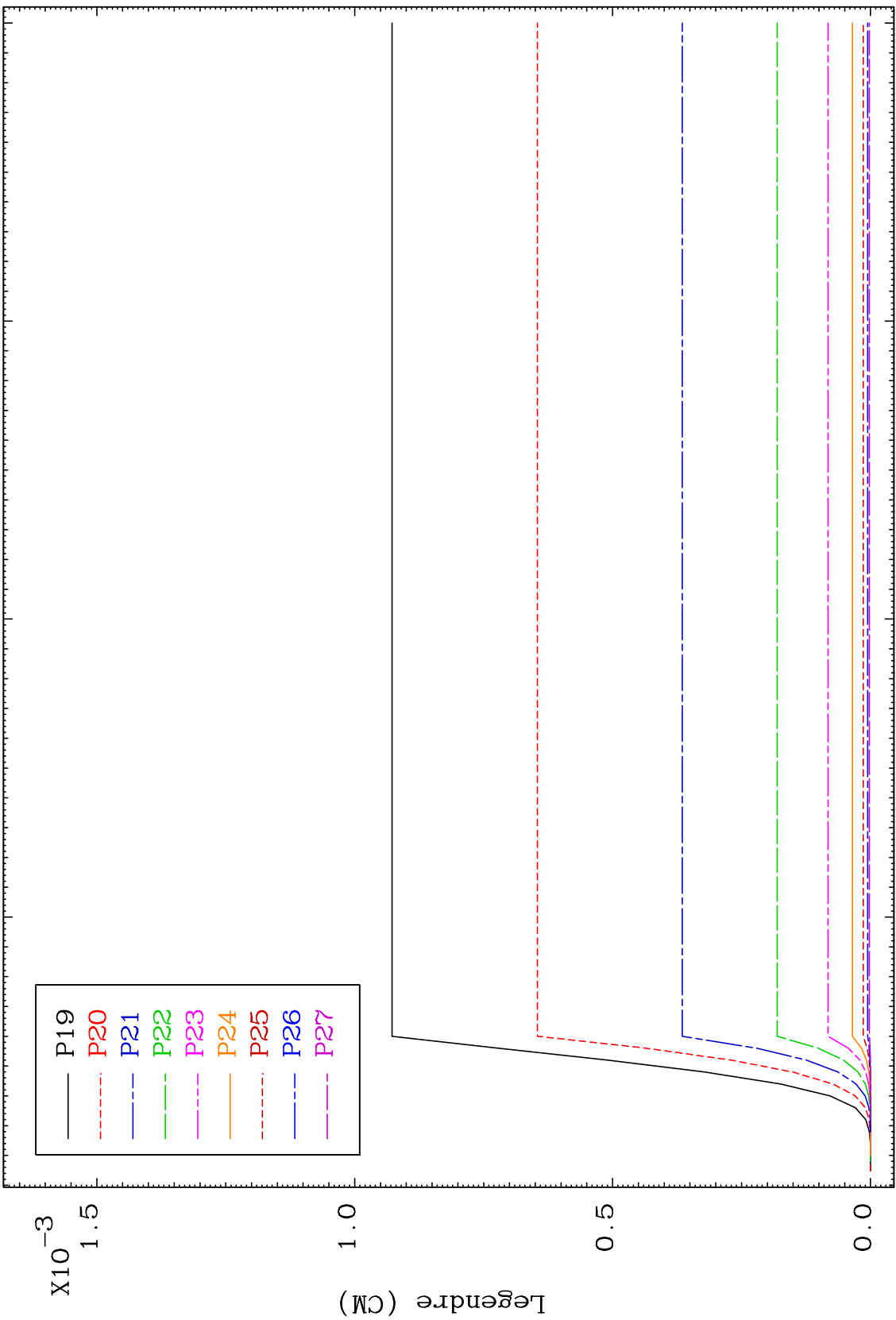
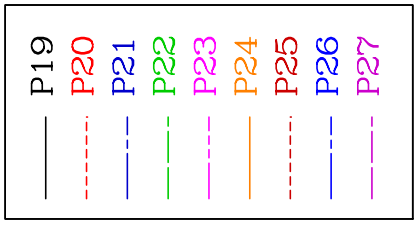
Incident Energy (MeV)

43-Tc-105

MAT 4343

491.4 keV (n,n') Level  
Legendre Coefficients

43-Tc-105



70

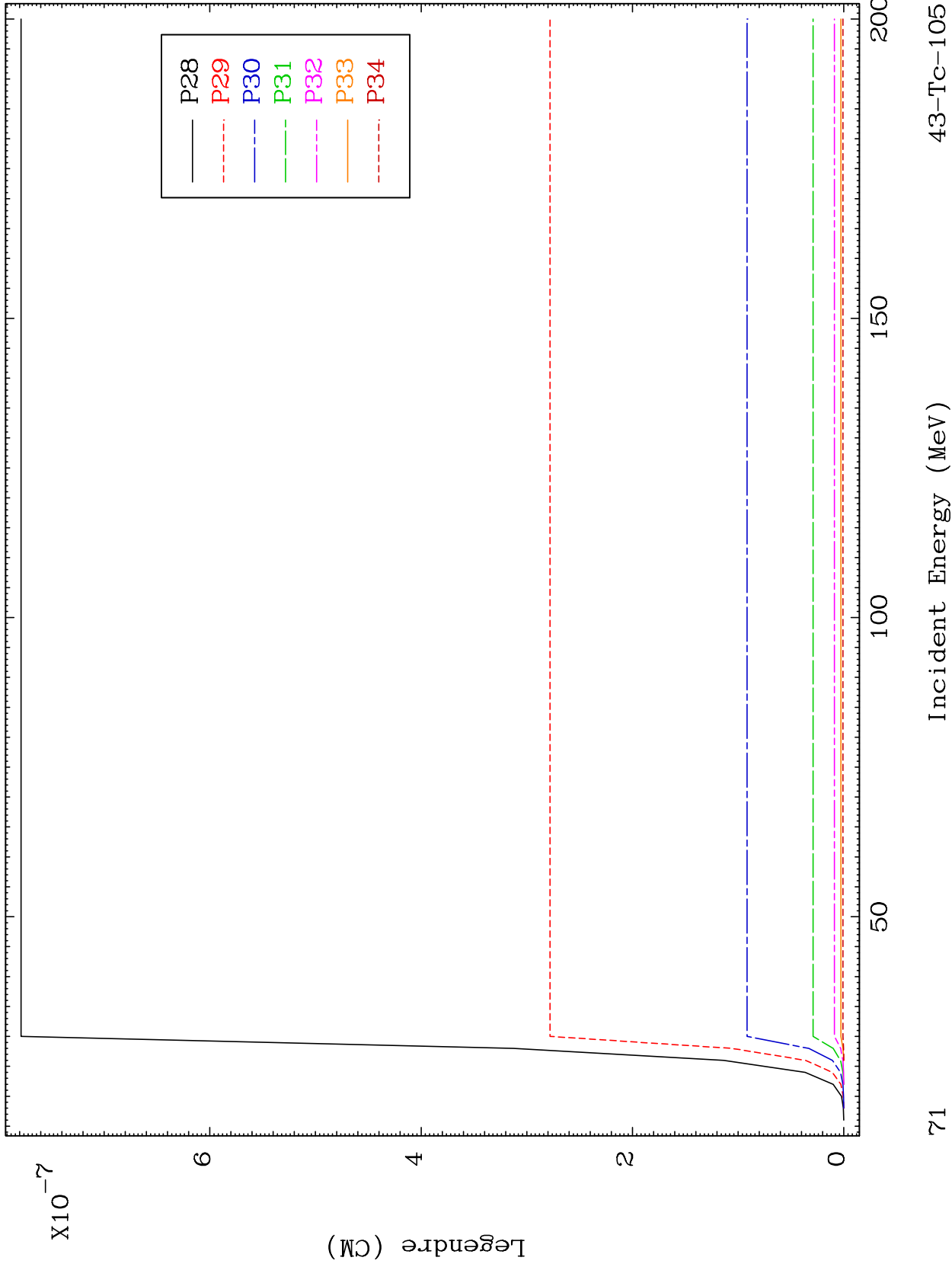
Incident Energy (MeV)

43-Tc-105

MAT 4343

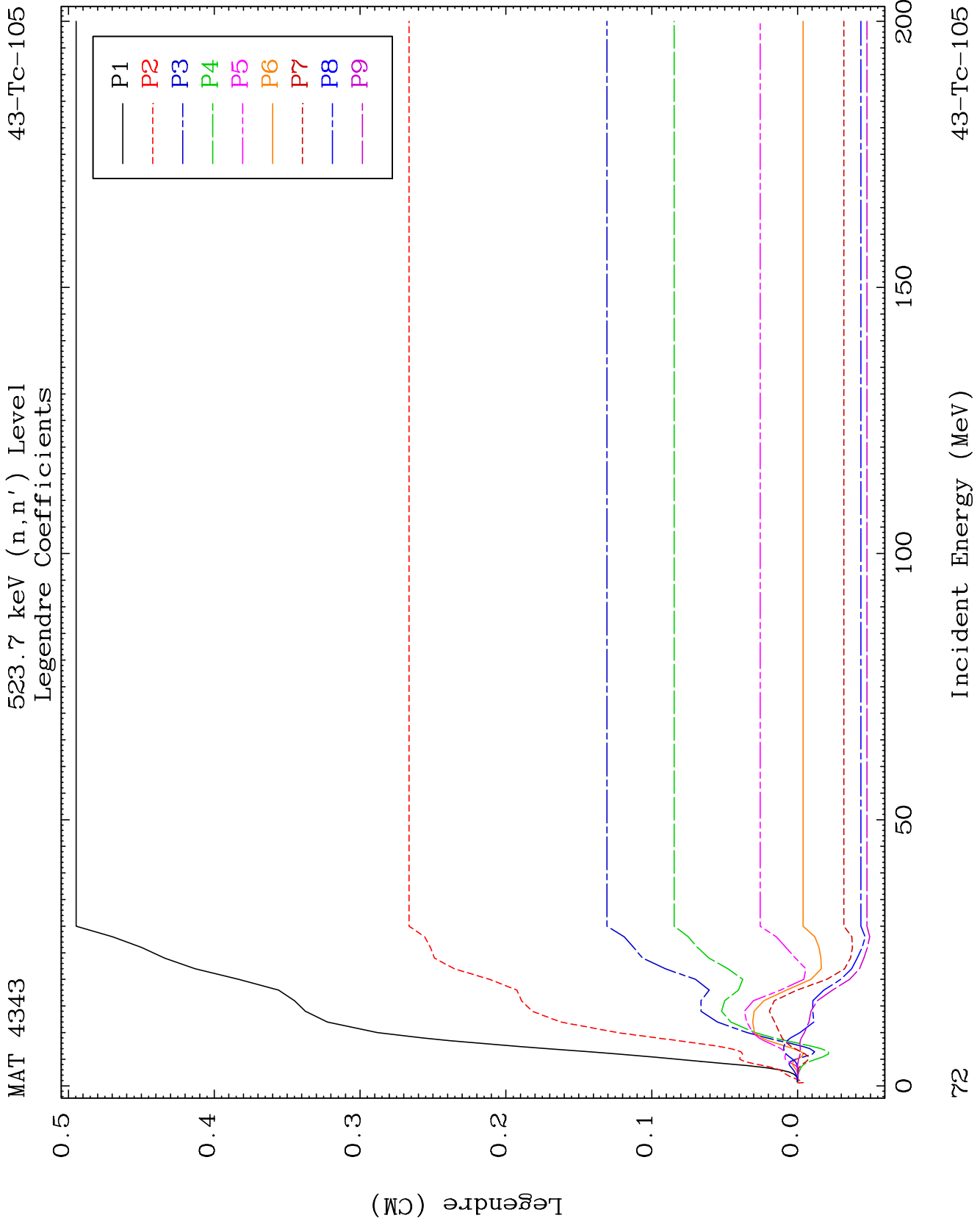
491.4 keV (n,n') Level  
Legendre Coefficients

43-Tc-105



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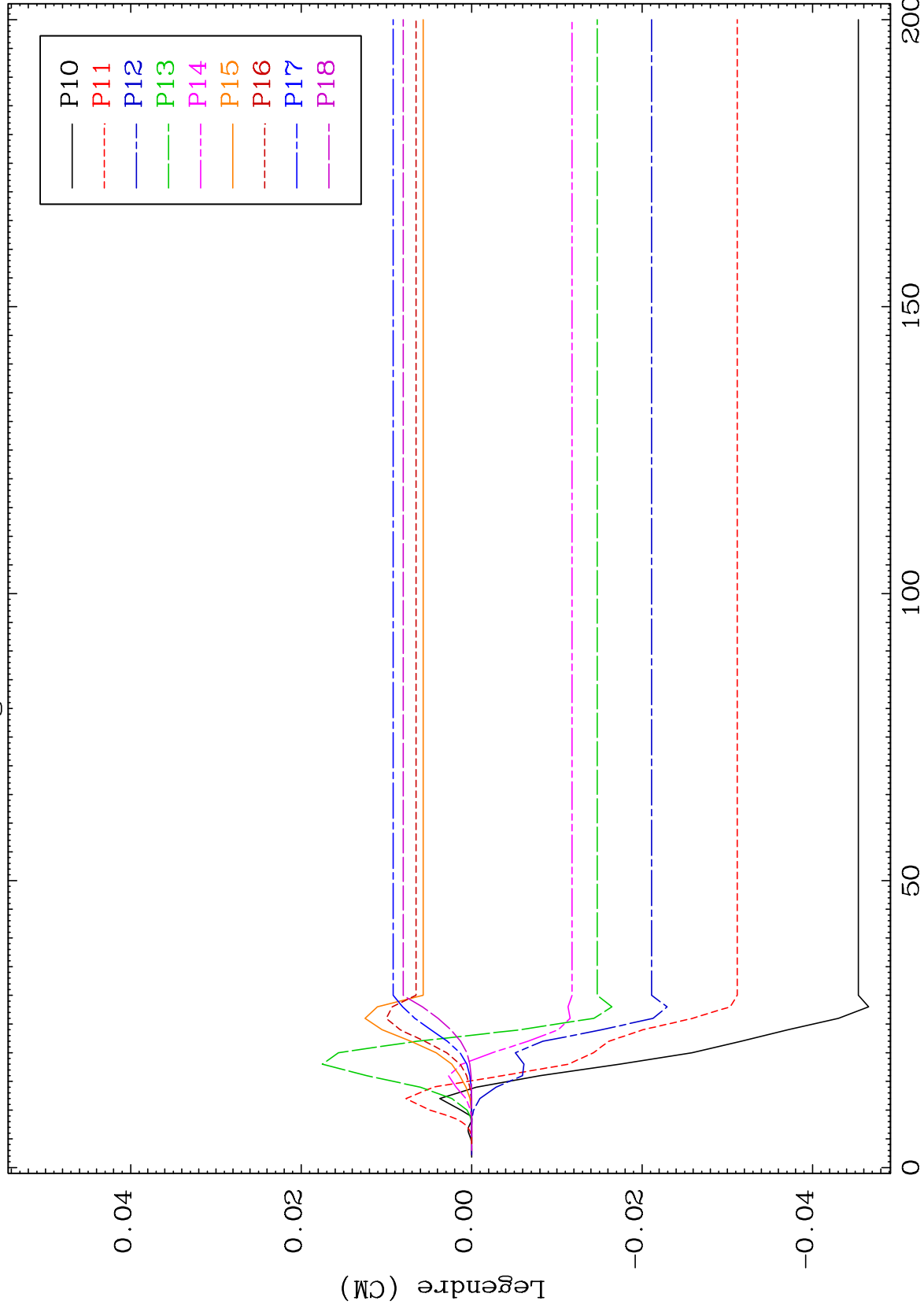




MAT 4343

523.7 keV (n,n') Level  
Legendre Coefficients

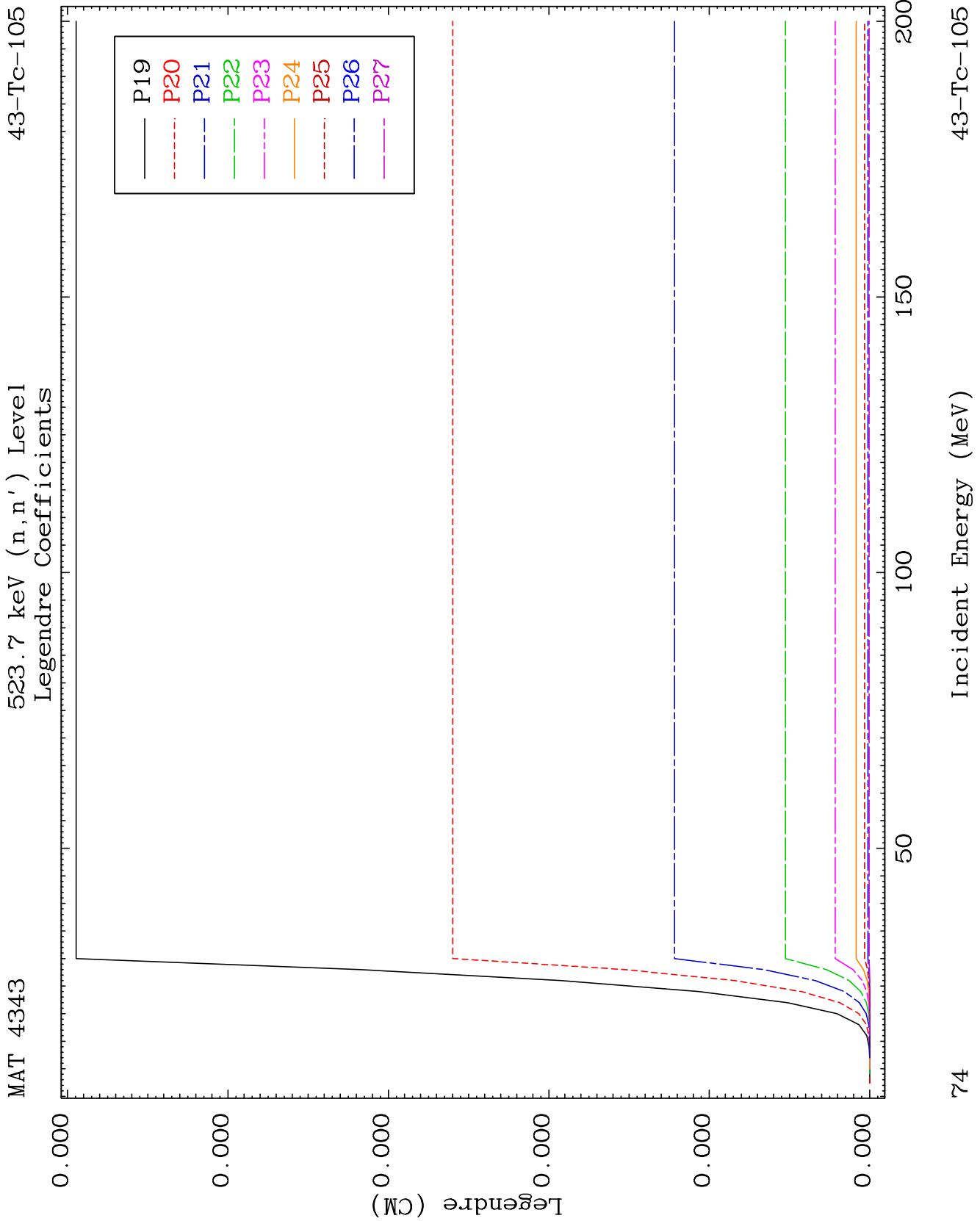
43-Tc-105



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Incident Energy (MeV)

43-Tc-105

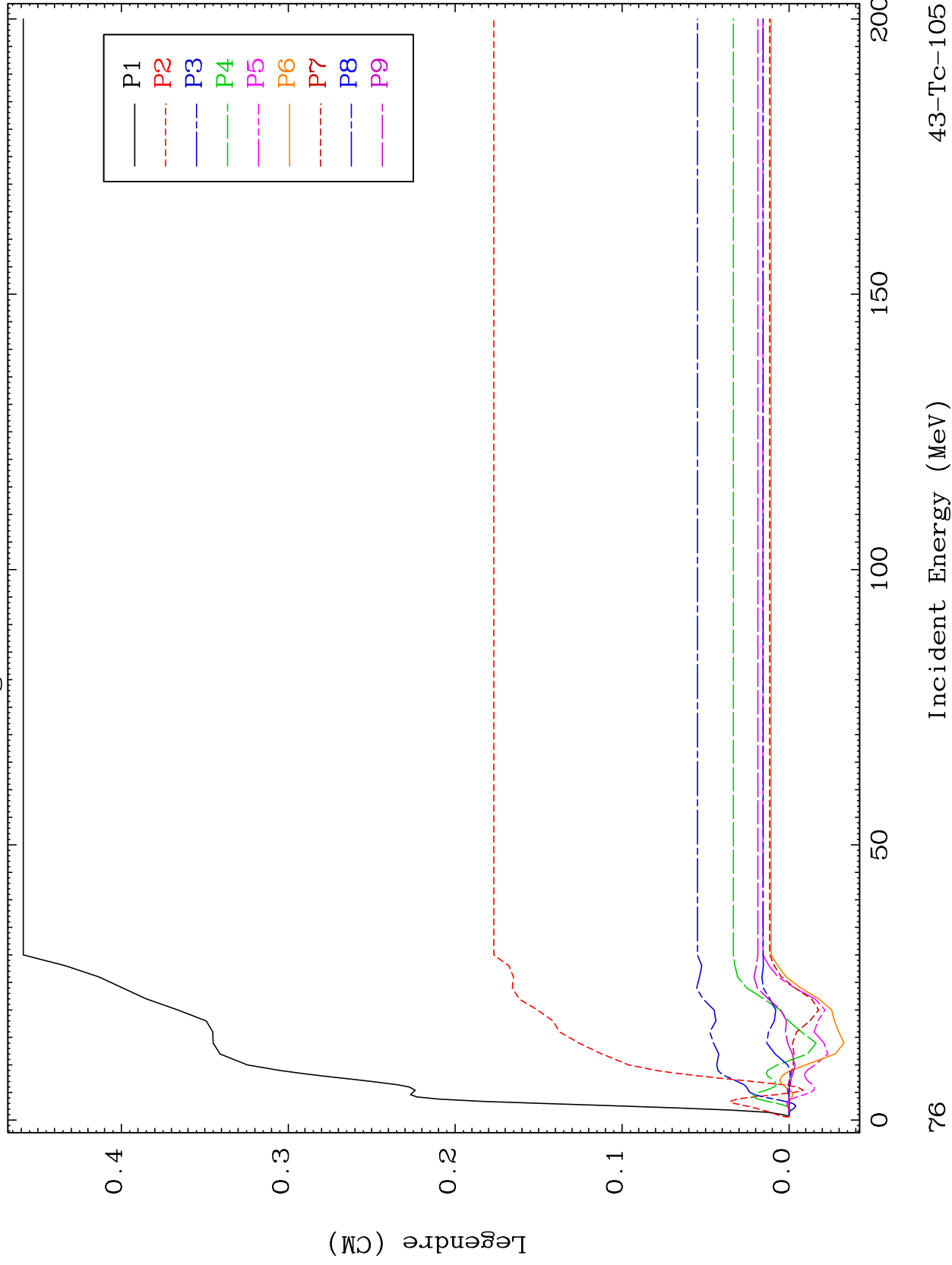




MAT 4343

530.0 keV (n,n') Level  
Legendre Coefficients

43-Tc-105



43-Tc-105

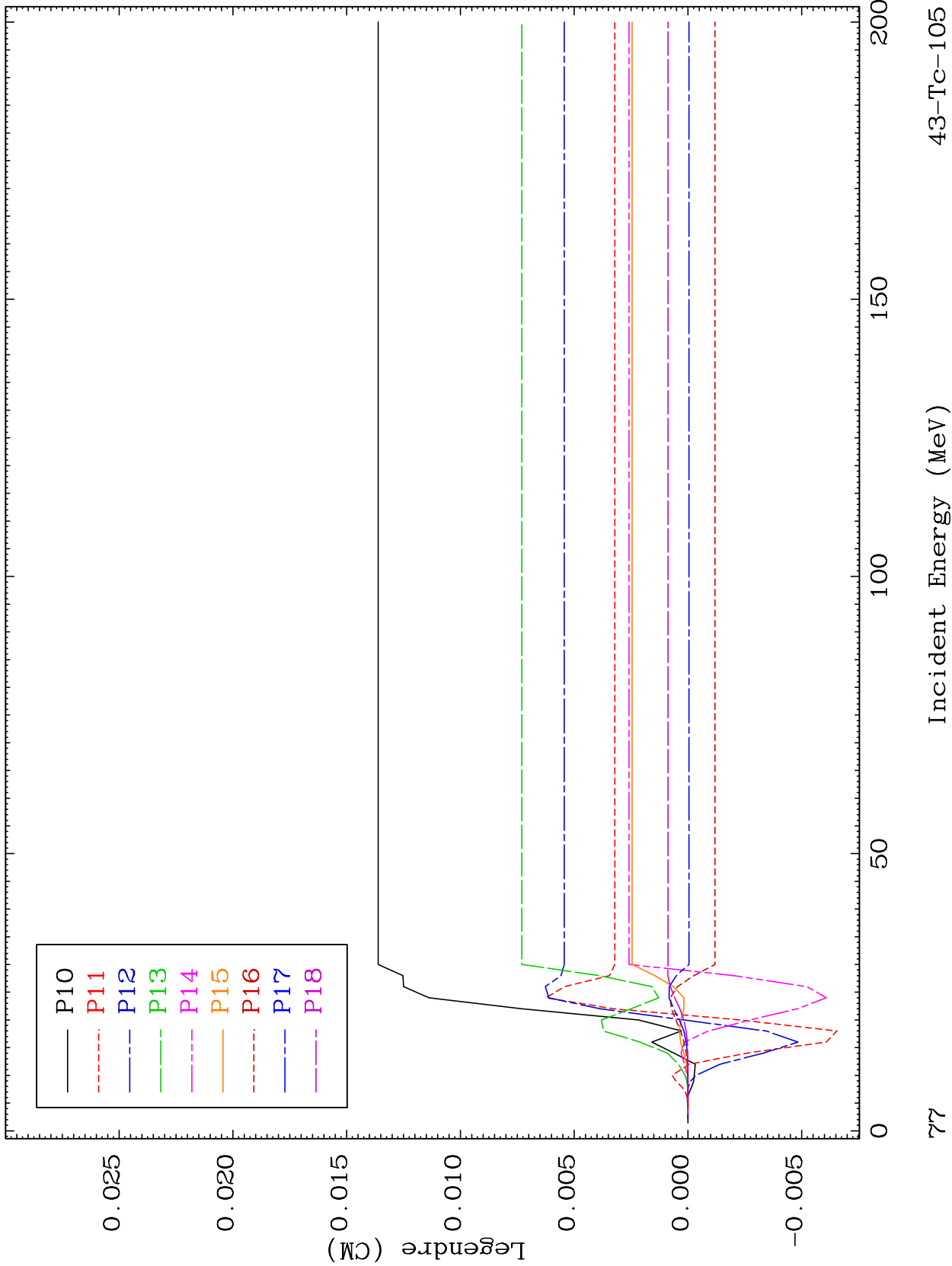
Incident Energy (MeV)

76

MAT 4343

530.0 keV (n,n') Level  
Legendre Coefficients

43-Tc-105



77

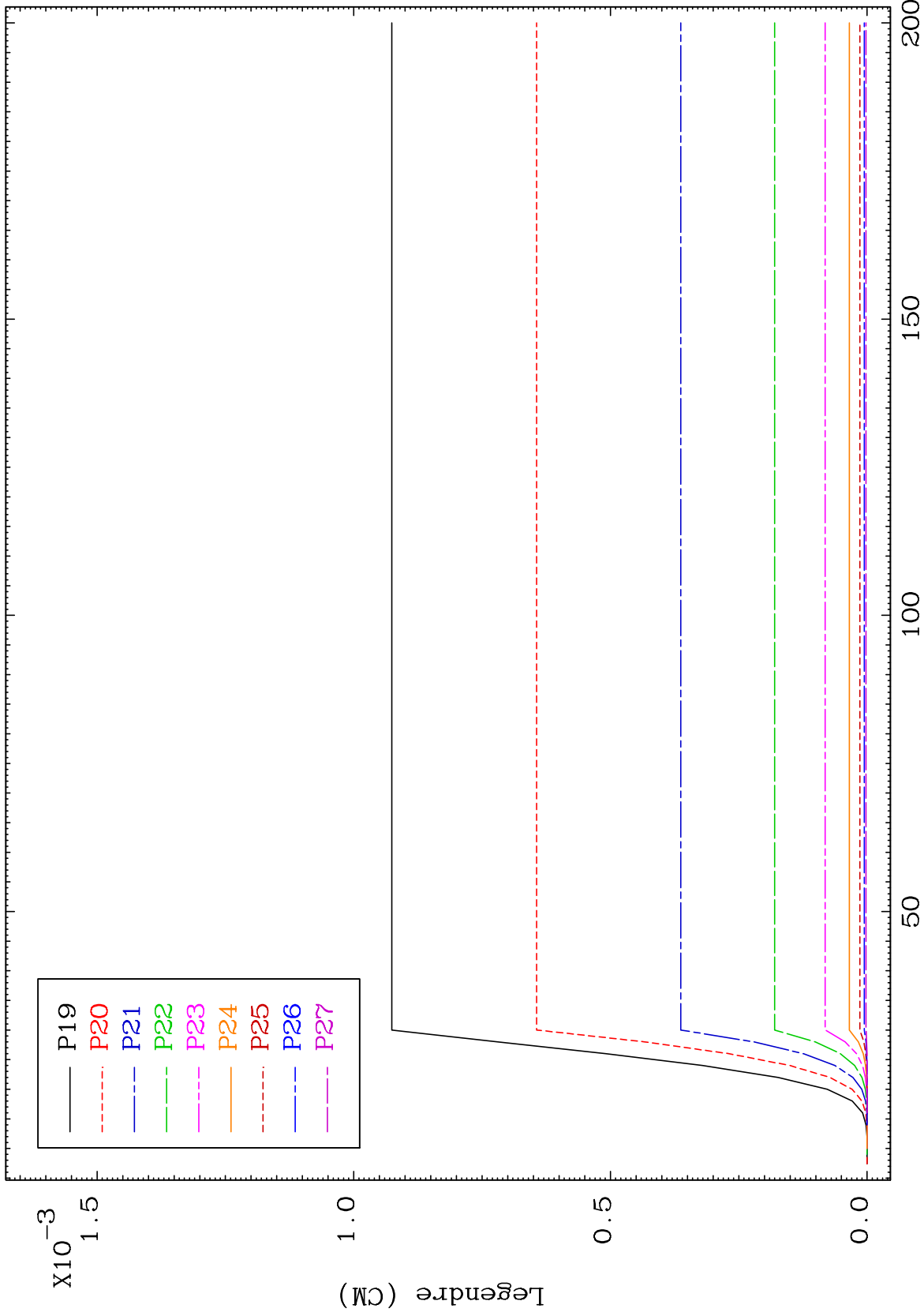
Incident Energy (MeV)

43-Tc-105

MAT 4343

530.0 keV (n,n') Level  
Legendre Coefficients

43-Tc-105



78

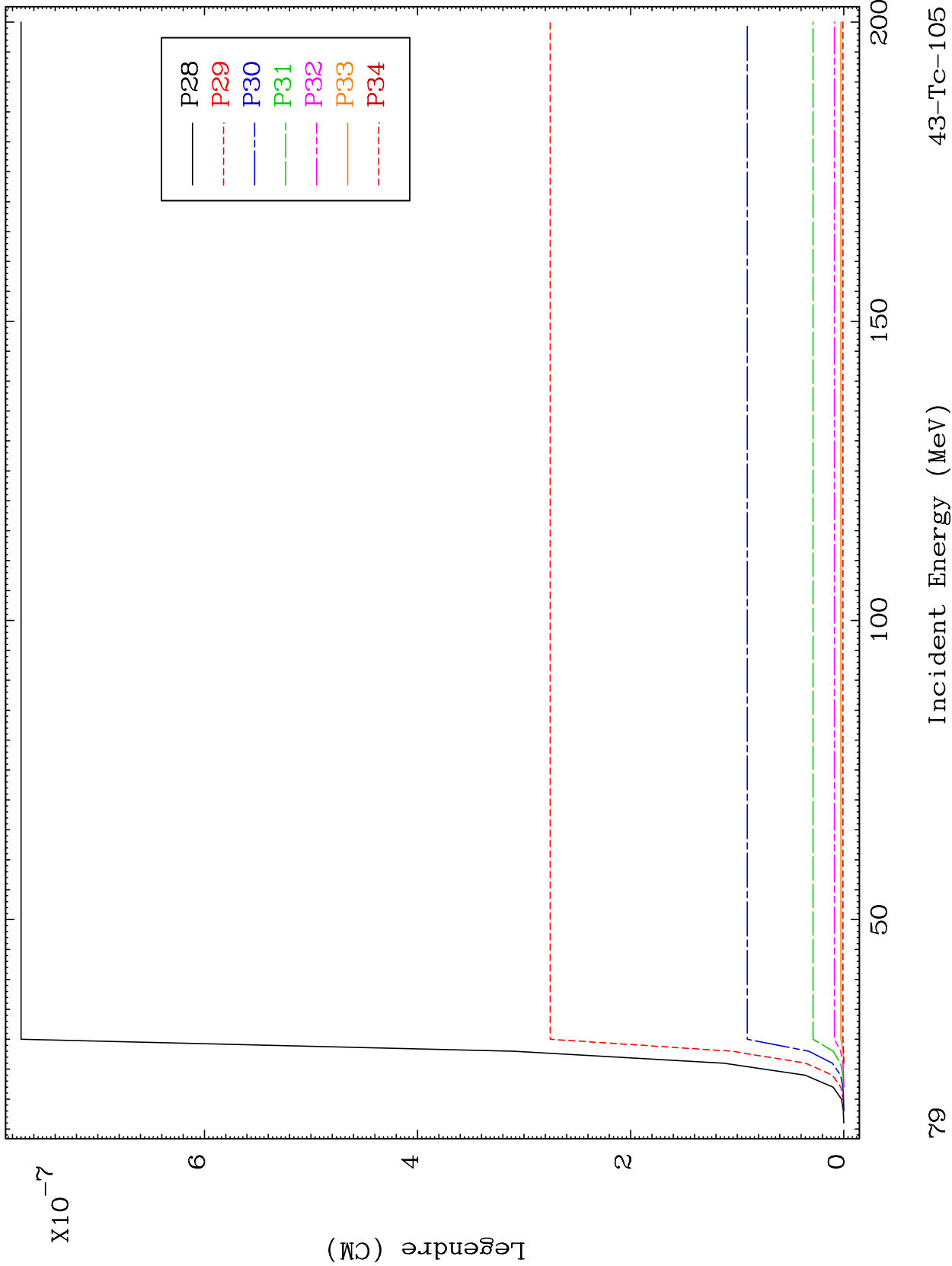
Incident Energy (MeV)

43-Tc-105

MAT 4343

530.0 keV (n,n') Level  
Legendre Coefficients

43-Tc-105

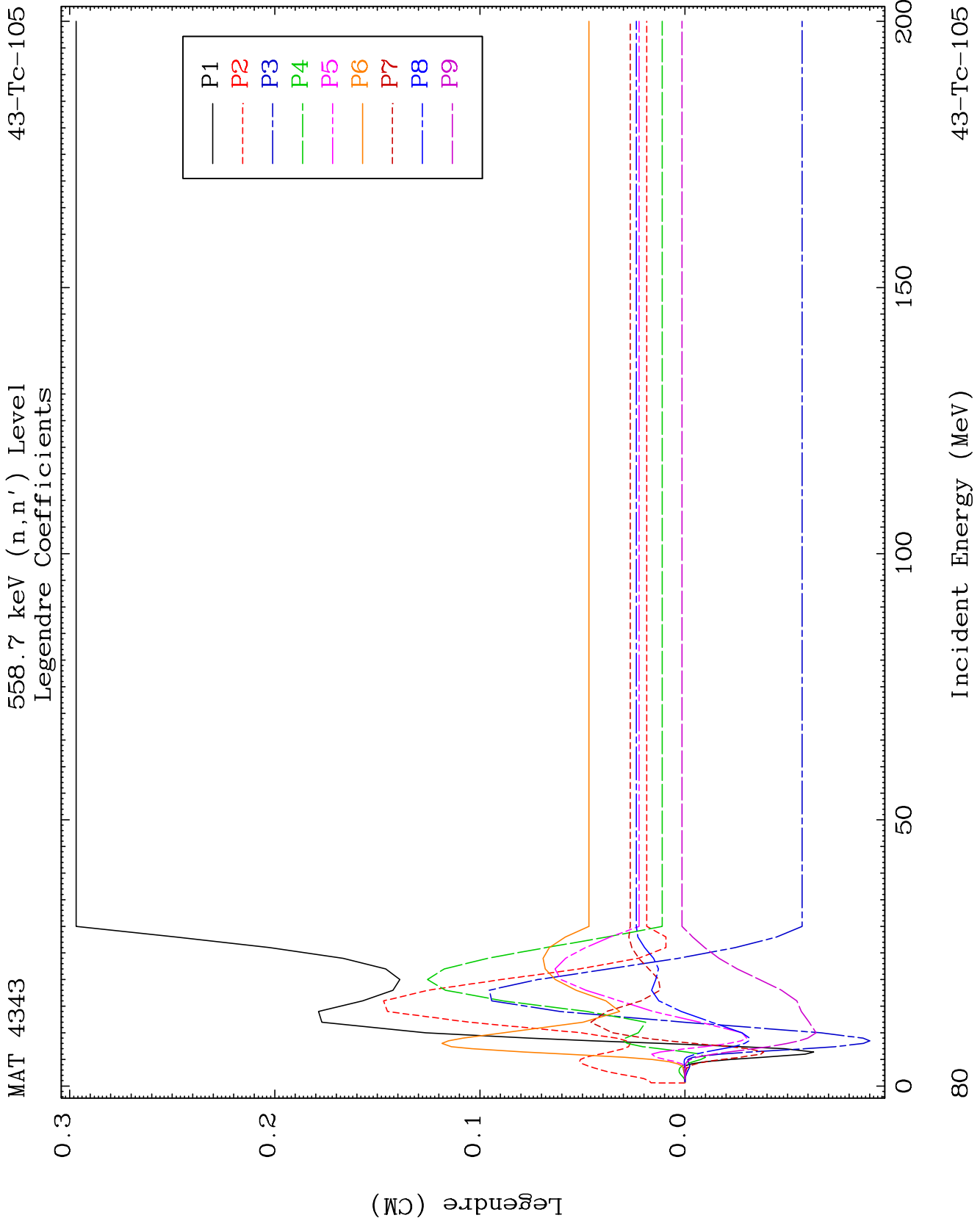


79

Incident Energy (MeV)

43-Tc-105

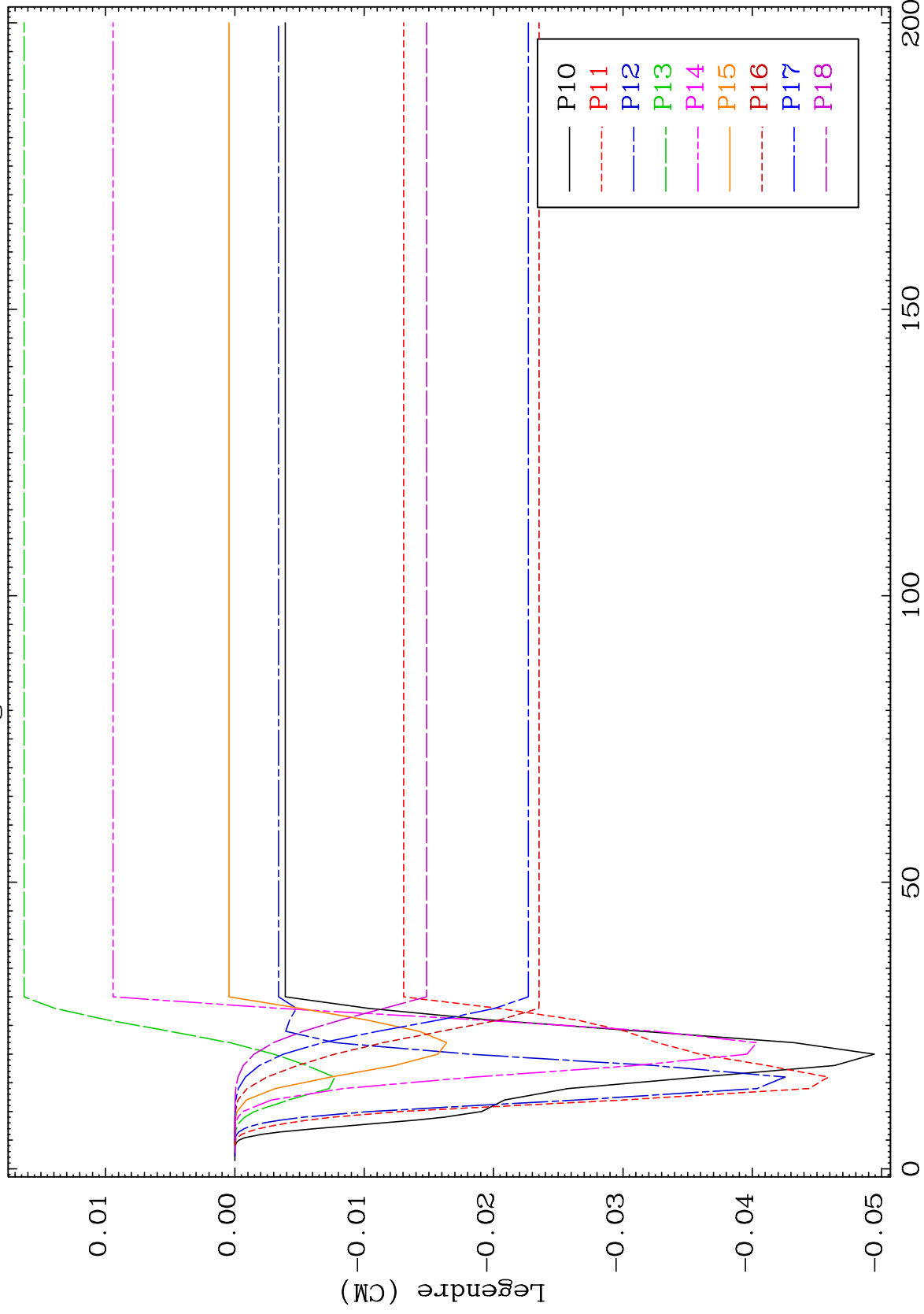




MAT 4343

558.7 keV (n,n') Level  
Legendre Coefficients

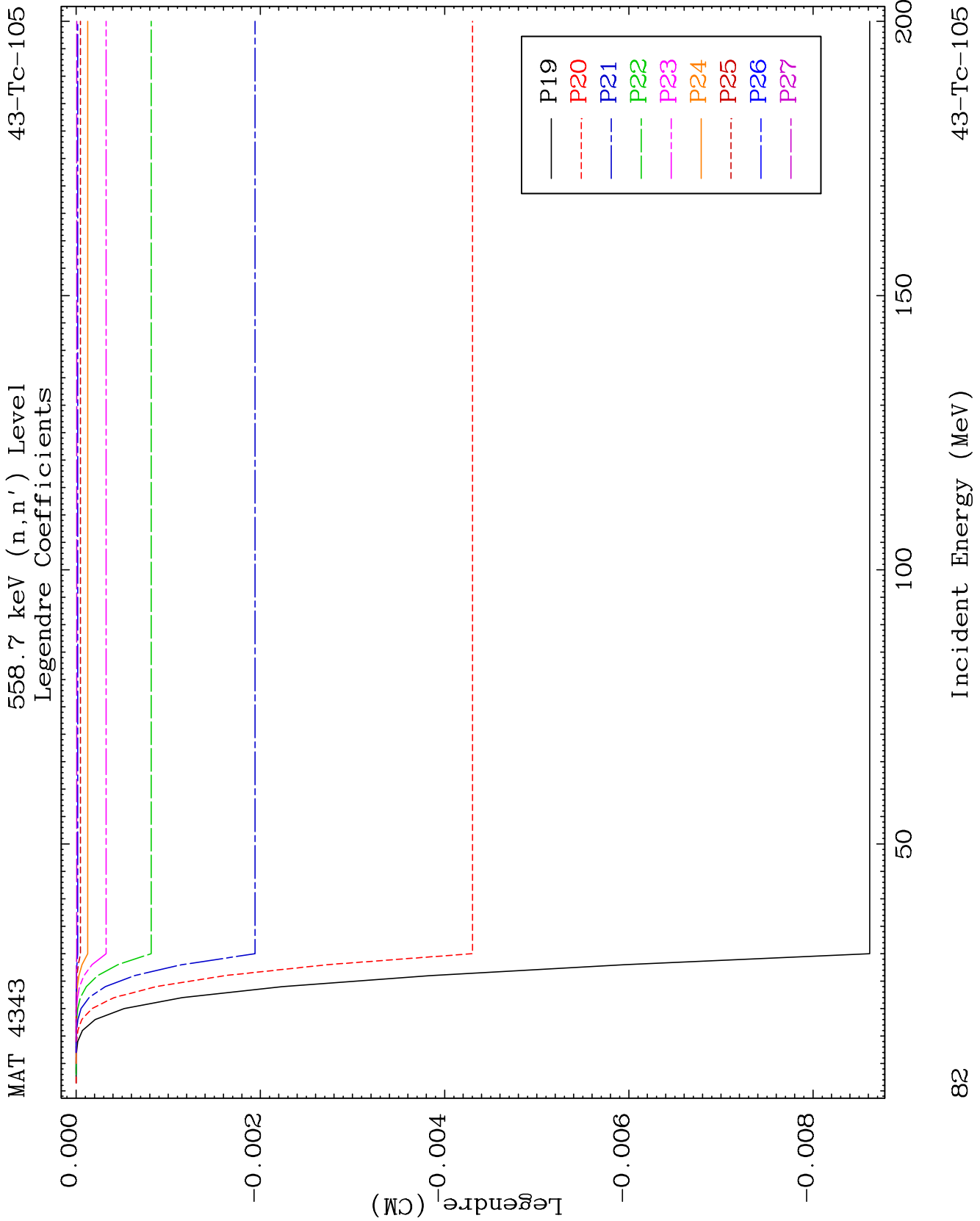
43-Tc-105



81

Incident Energy (MeV)

43-Tc-105

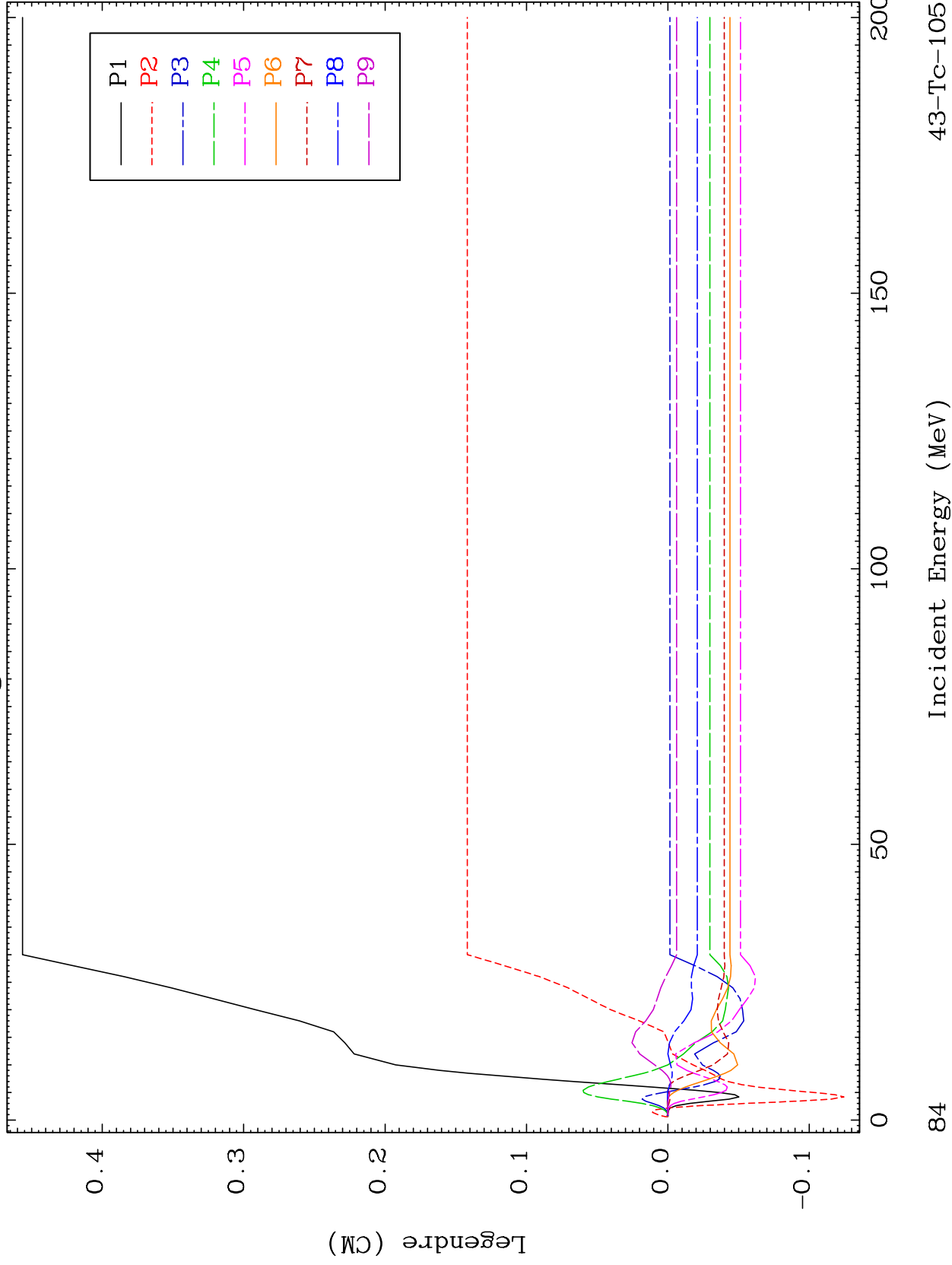




MAT 4343

563.8 keV (n,n') Level  
Legendre Coefficients

43-Tc-105



84

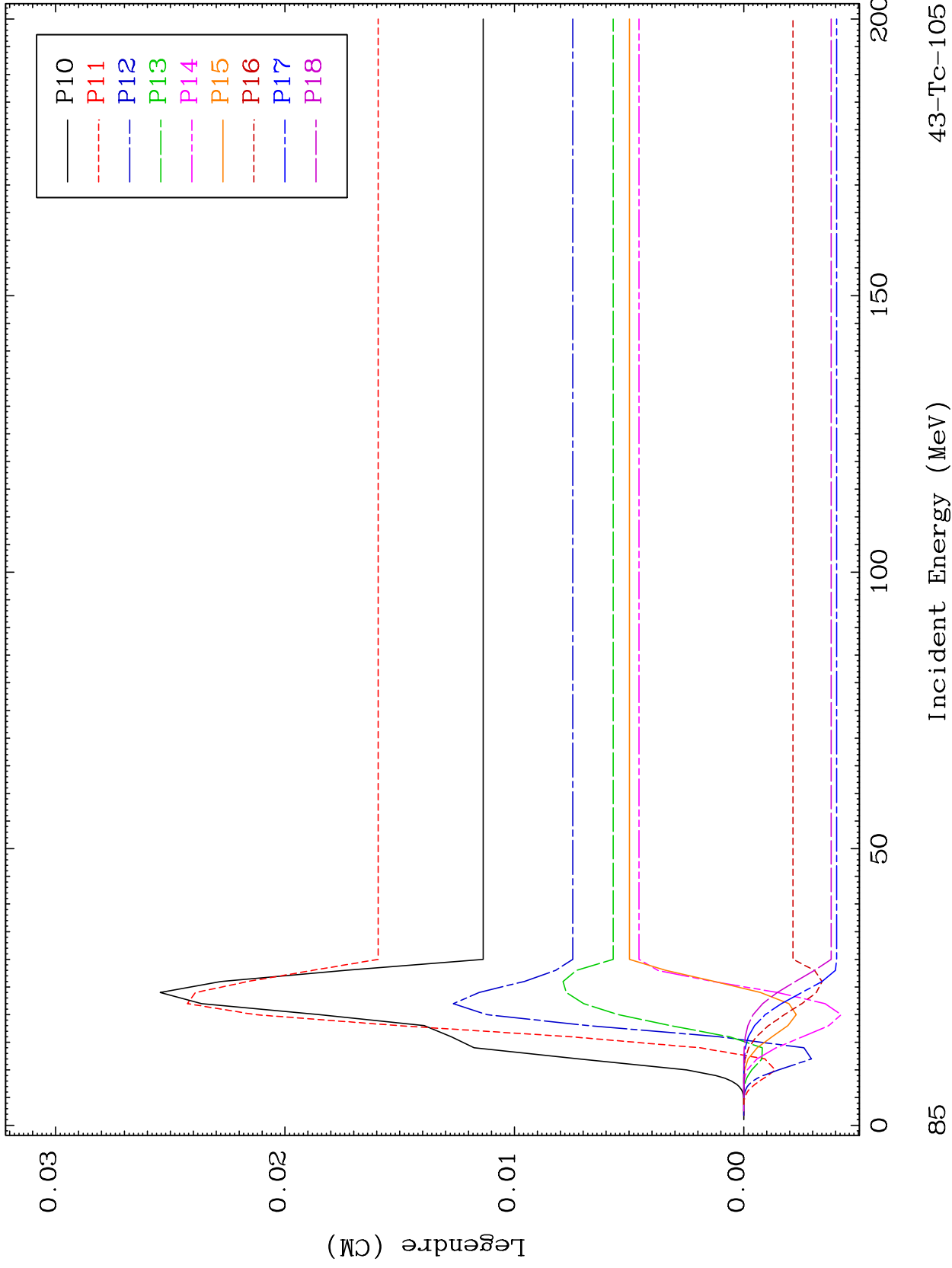
Incident Energy (MeV)

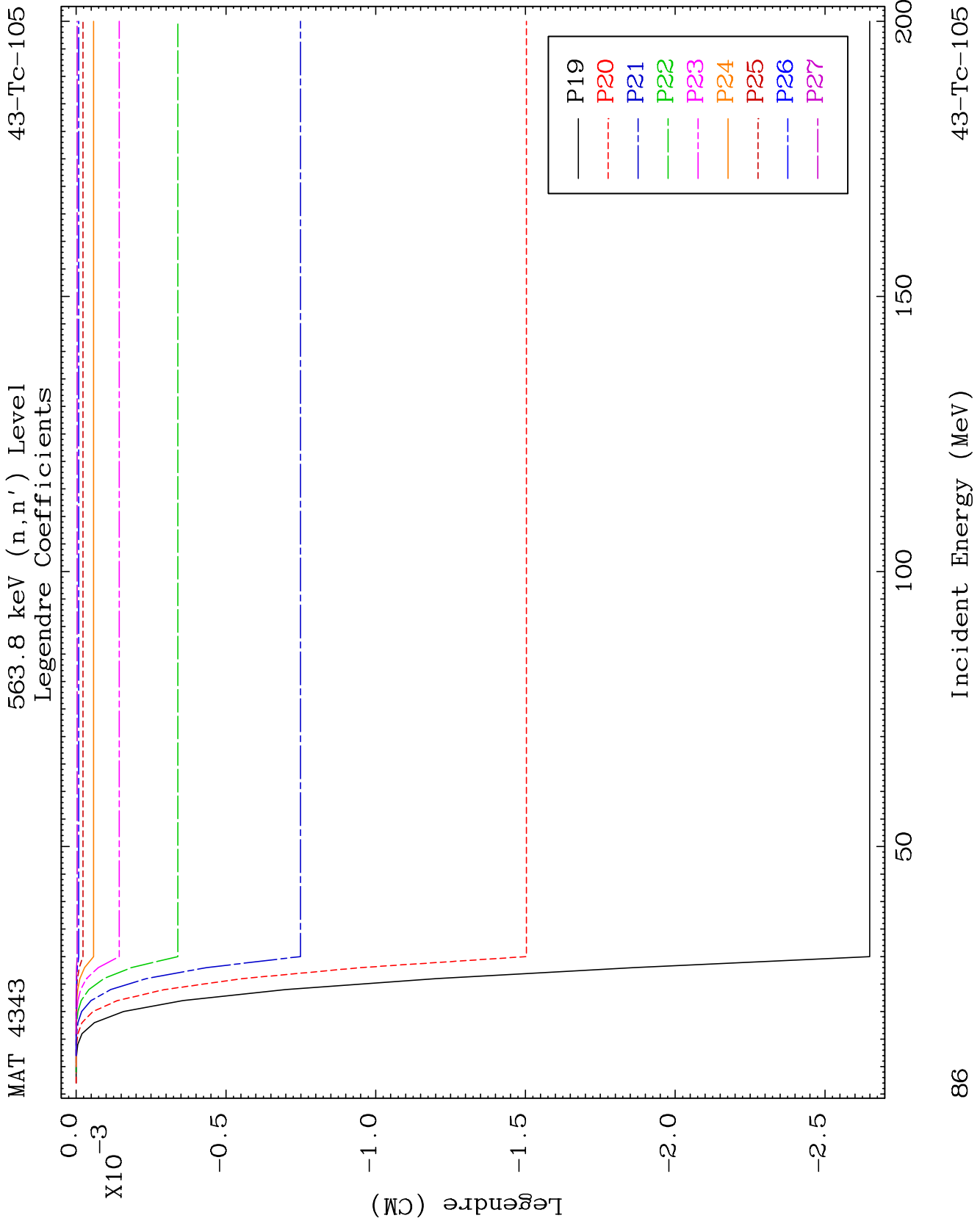
43-Tc-105

MAT 4343

563.8 keV (n, n') Level  
Legendre Coefficients

43-Tc-105





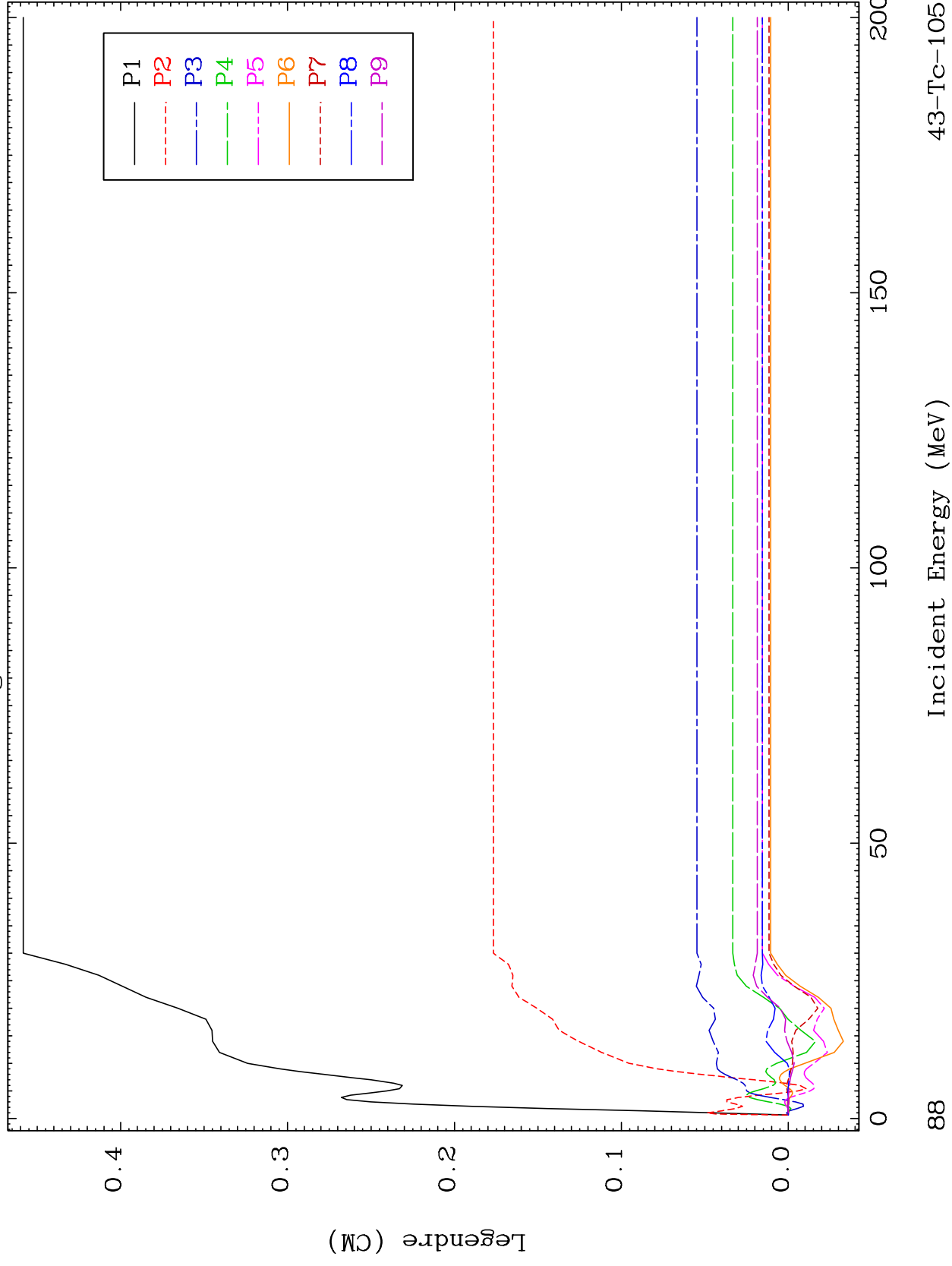




MAT 4343

592.9 keV (n,n') Level  
Legendre Coefficients

43-Tc-105



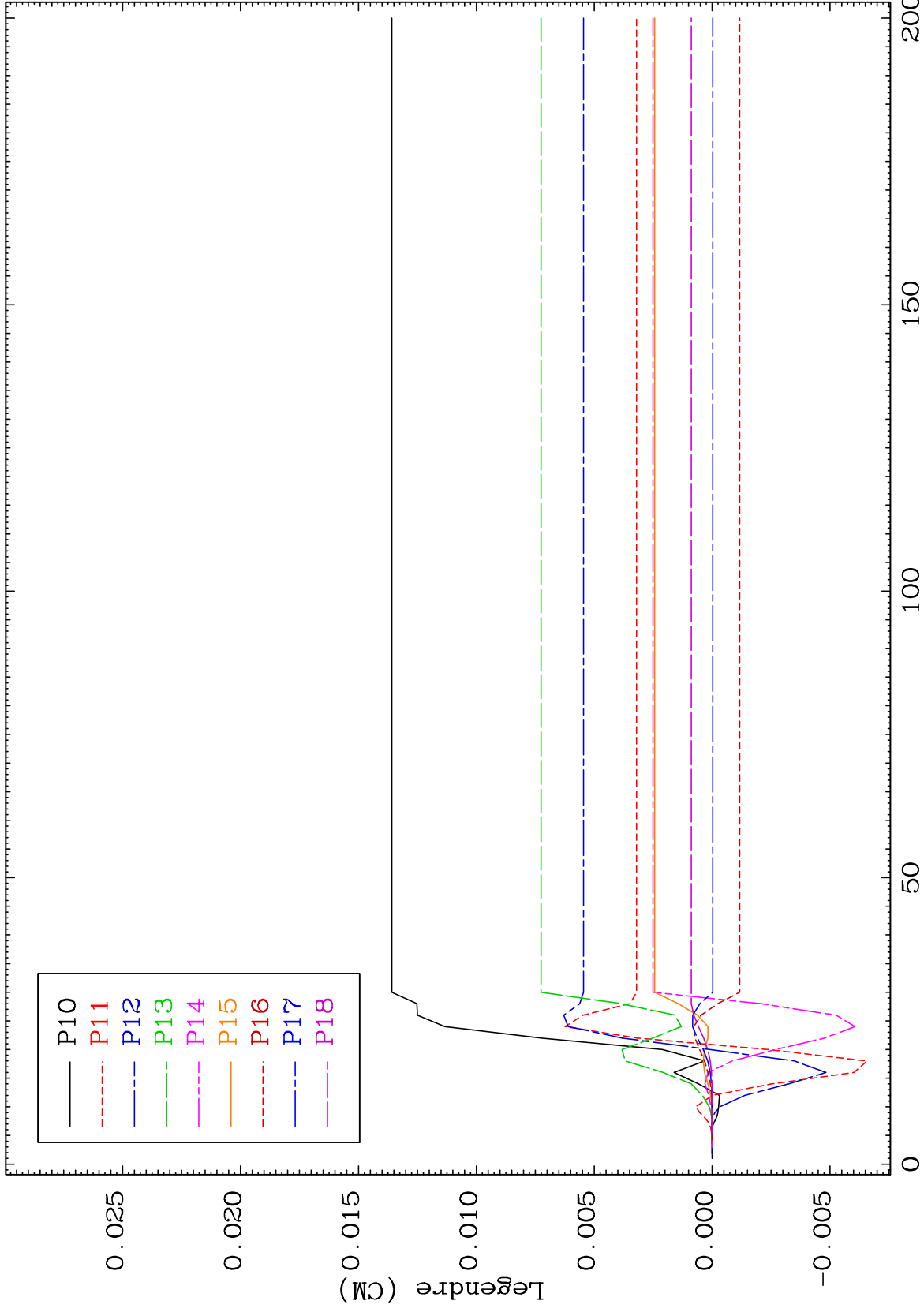
88

43-Tc-105

MAT 4343

592.9 keV (n,n') Level  
Legendre Coefficients

43-Tc-105



89

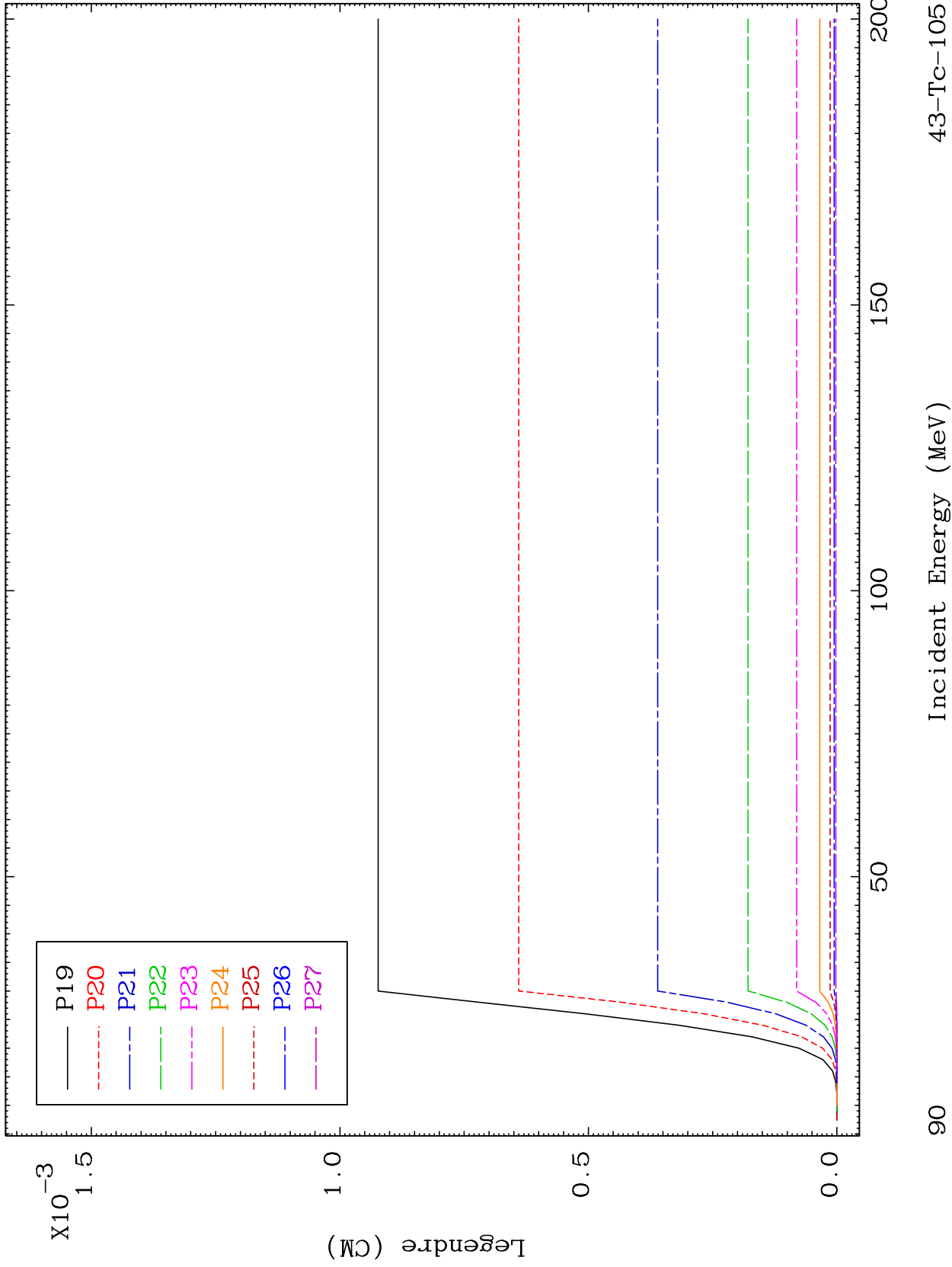
Incident Energy (MeV)

43-Tc-105

MAT 4343

592.9 keV (n, n') Level  
Legendre Coefficients

43-Tc-105



90

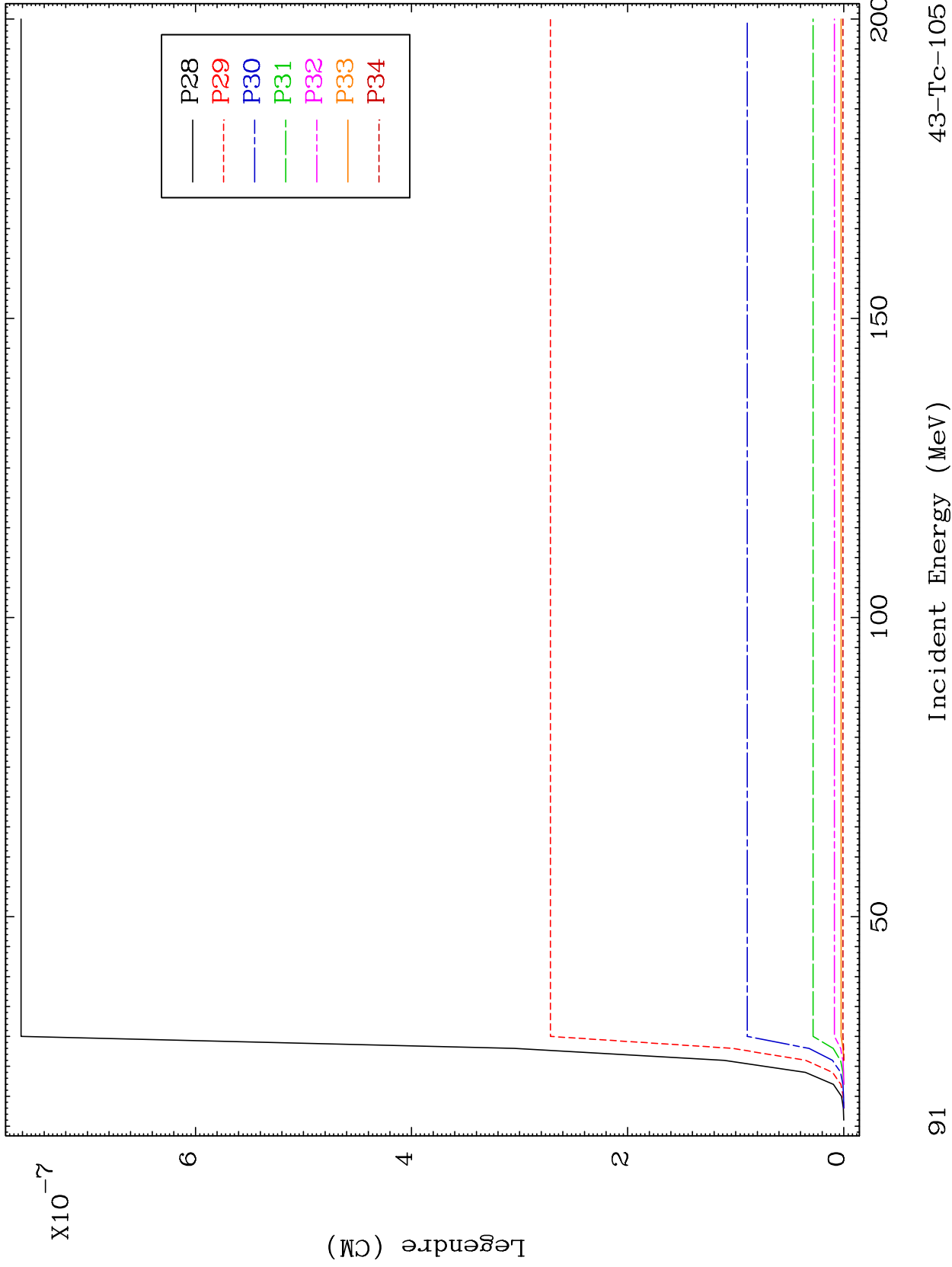
Incident Energy (MeV)

43-Tc-105

MAT 4343

592.9 keV (n,n') Level  
Legendre Coefficients

43-Tc-105



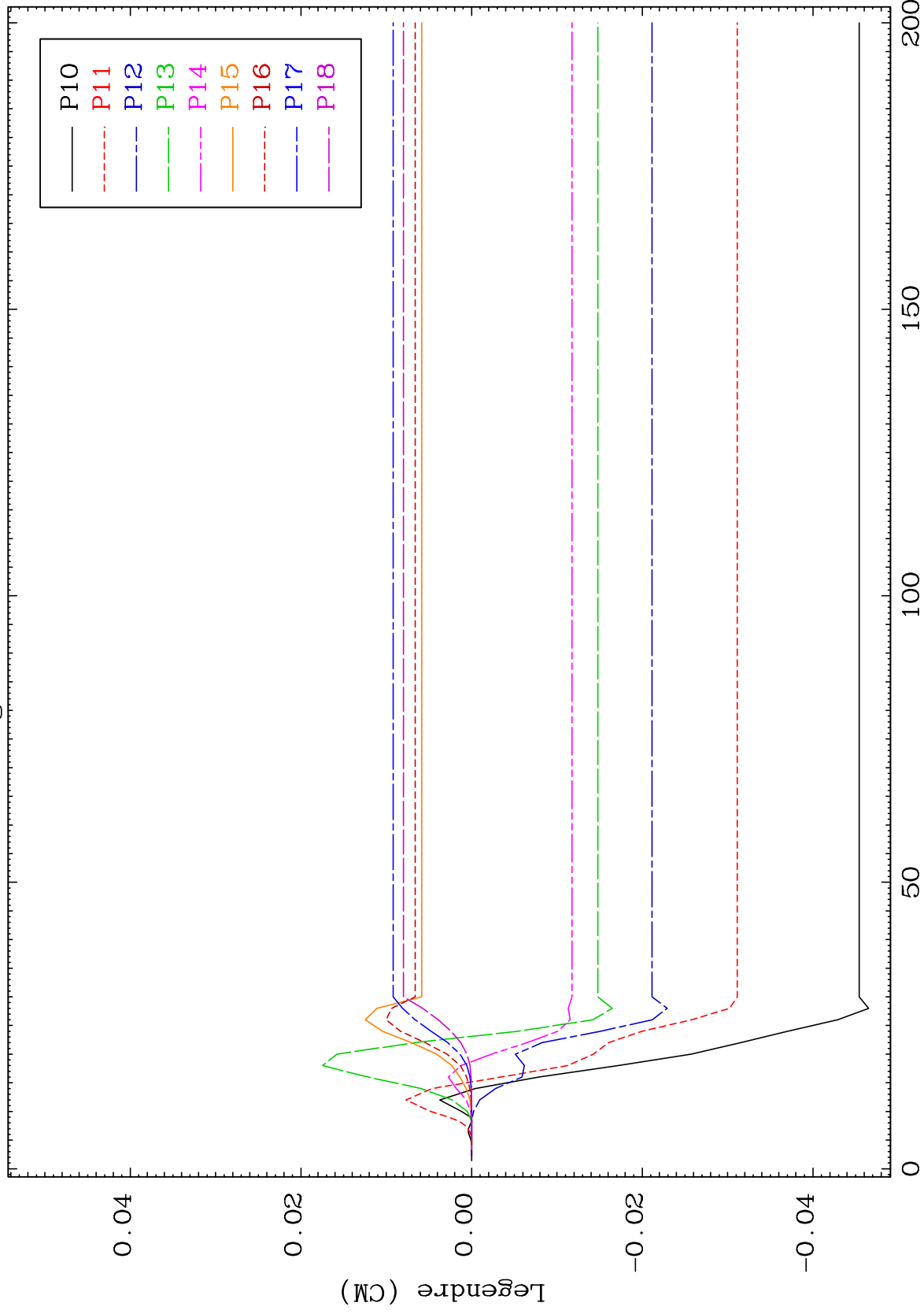
91



MAT 4343

610.3 keV (n,n') Level  
Legendre Coefficients

43-Tc-105



93

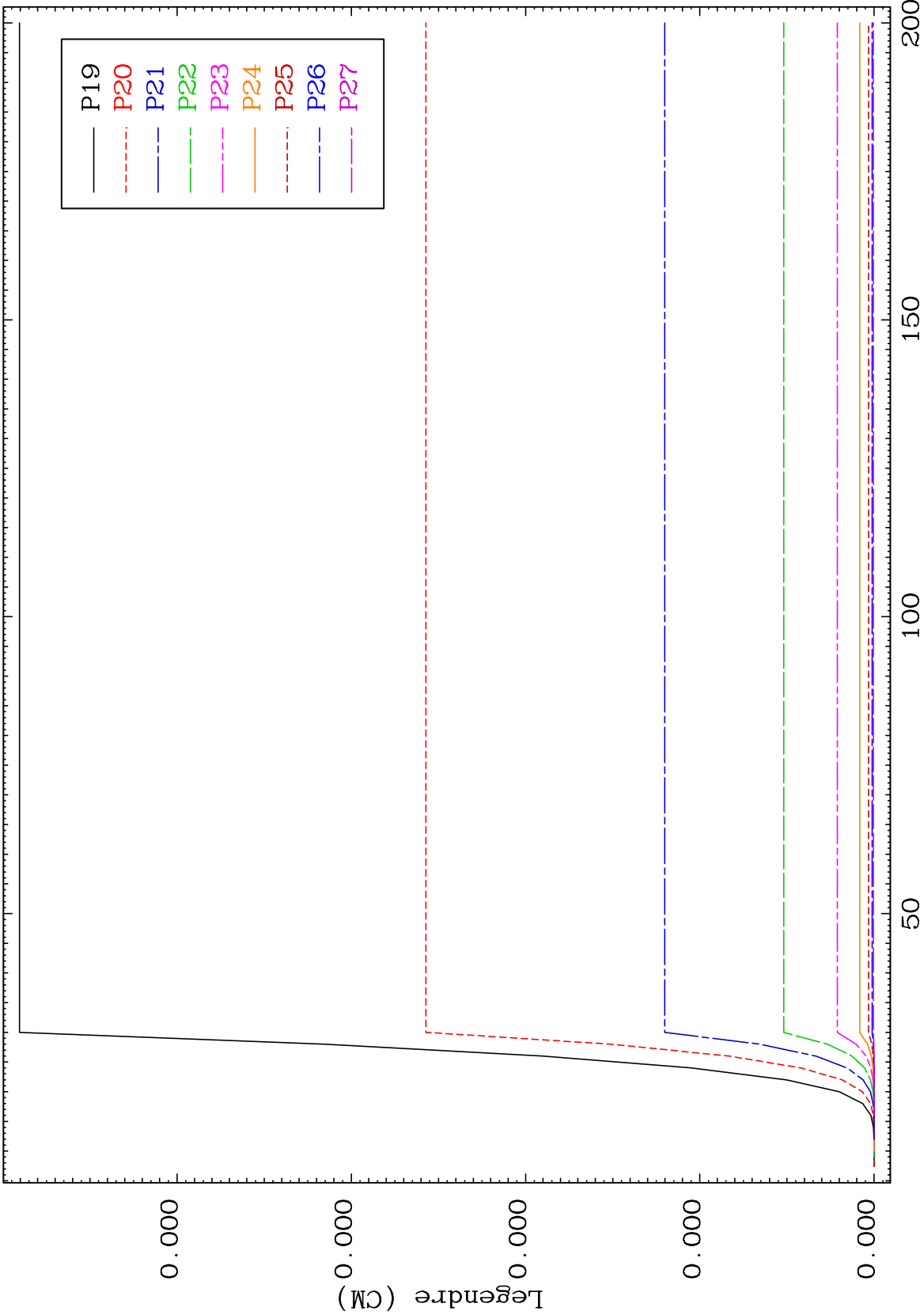
Incident Energy (MeV)

43-Tc-105

MAT 4343

610.3 keV (n,n') Level  
Legendre Coefficients

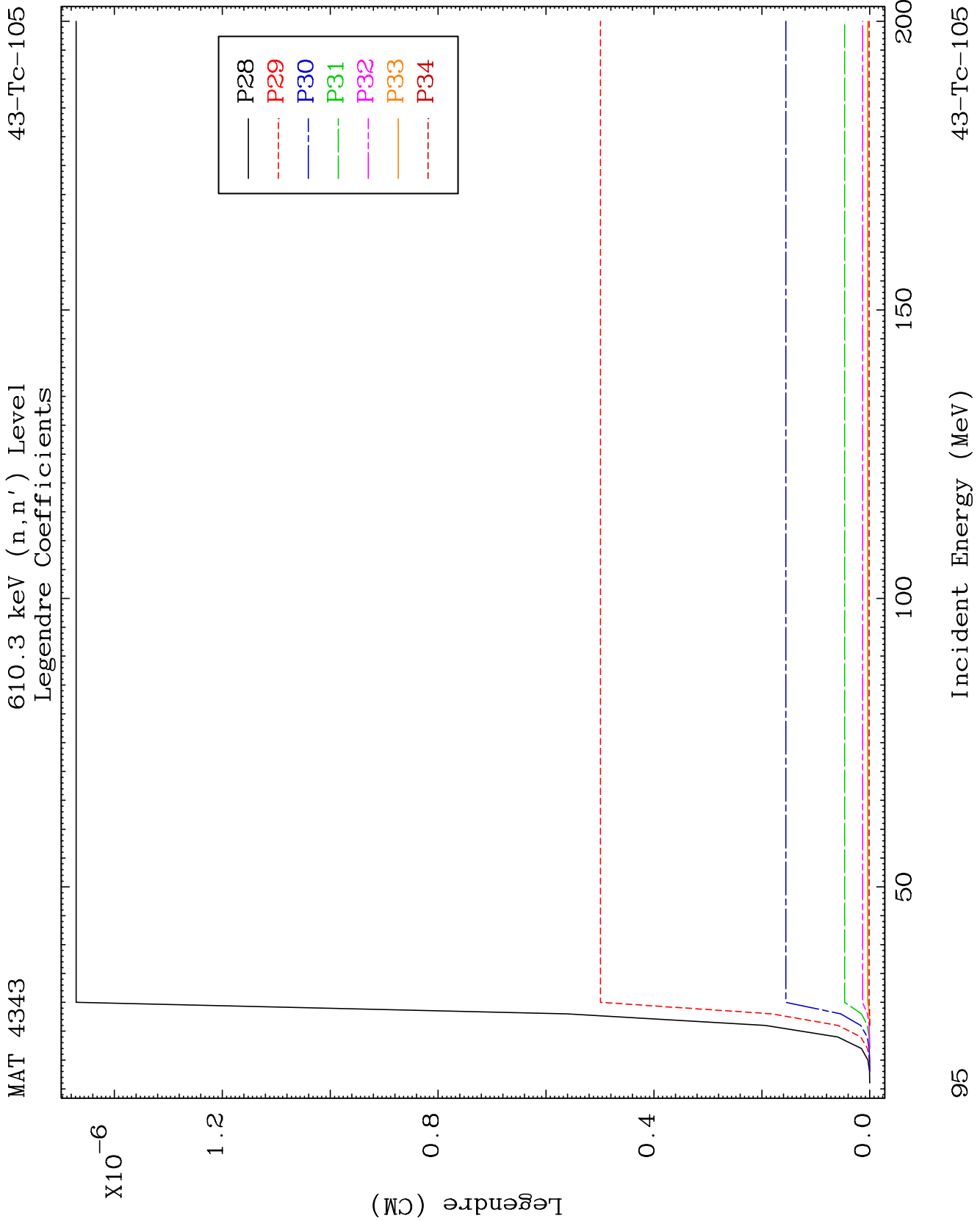
43-Tc-105



94

Incident Energy (MeV)

43-Tc-105

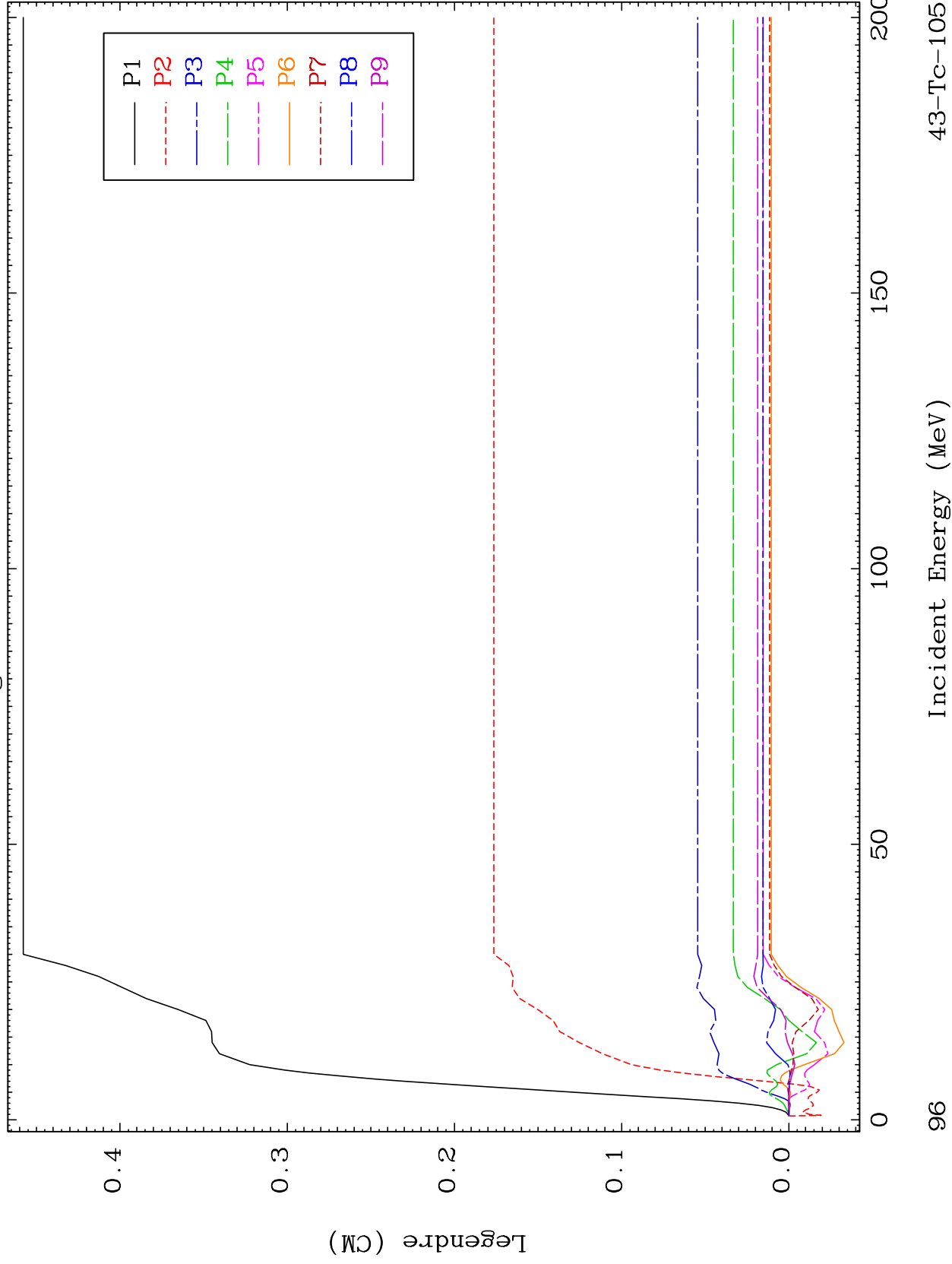




MAT 4343

672.6 keV (n,n') Level  
Legendre Coefficients

43-Tc-105



43-Tc-105

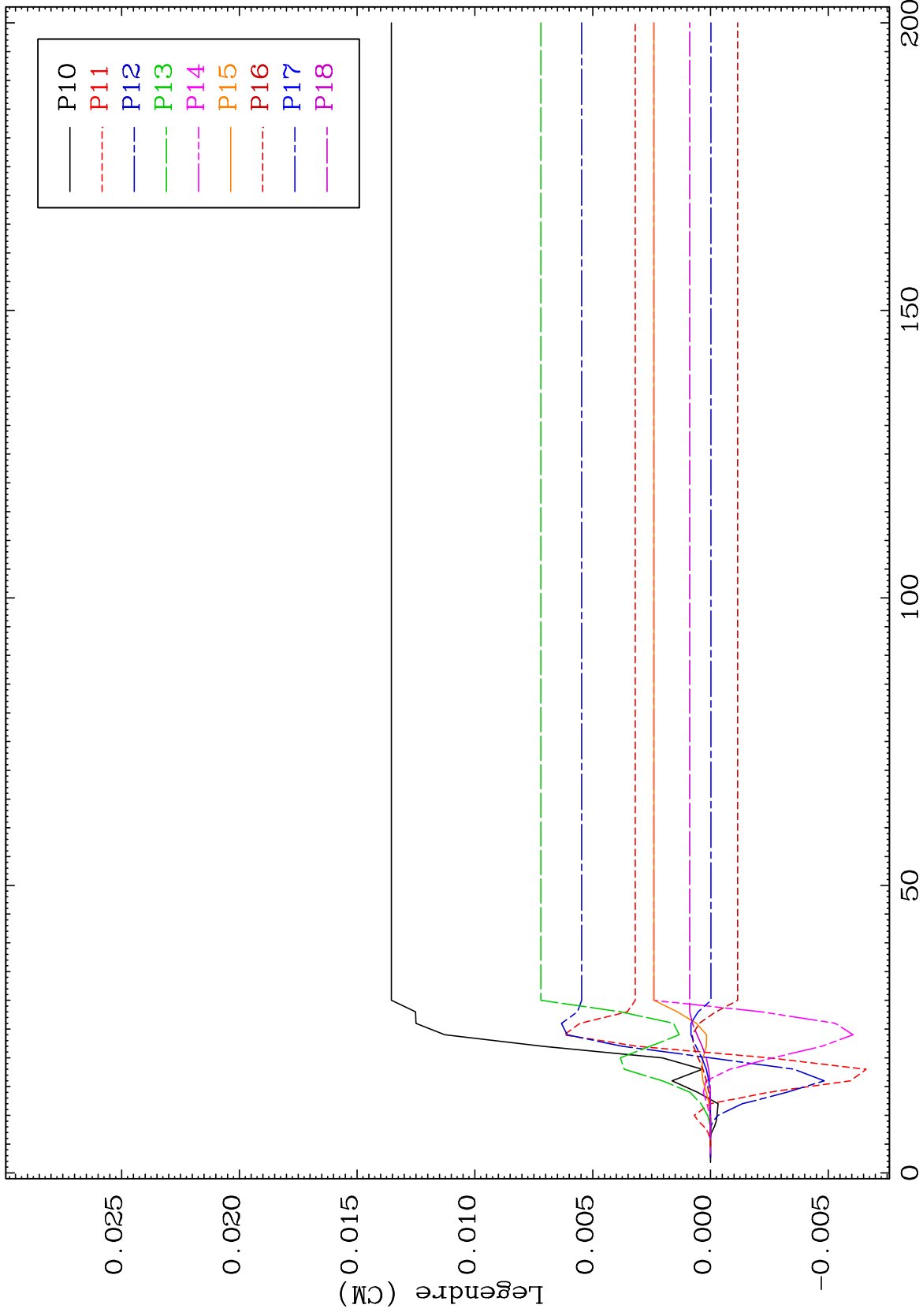
Incident Energy (MeV)

96

MAT 4343

672.6 keV (n,n') Level  
Legendre Coefficients

43-Tc-105



97

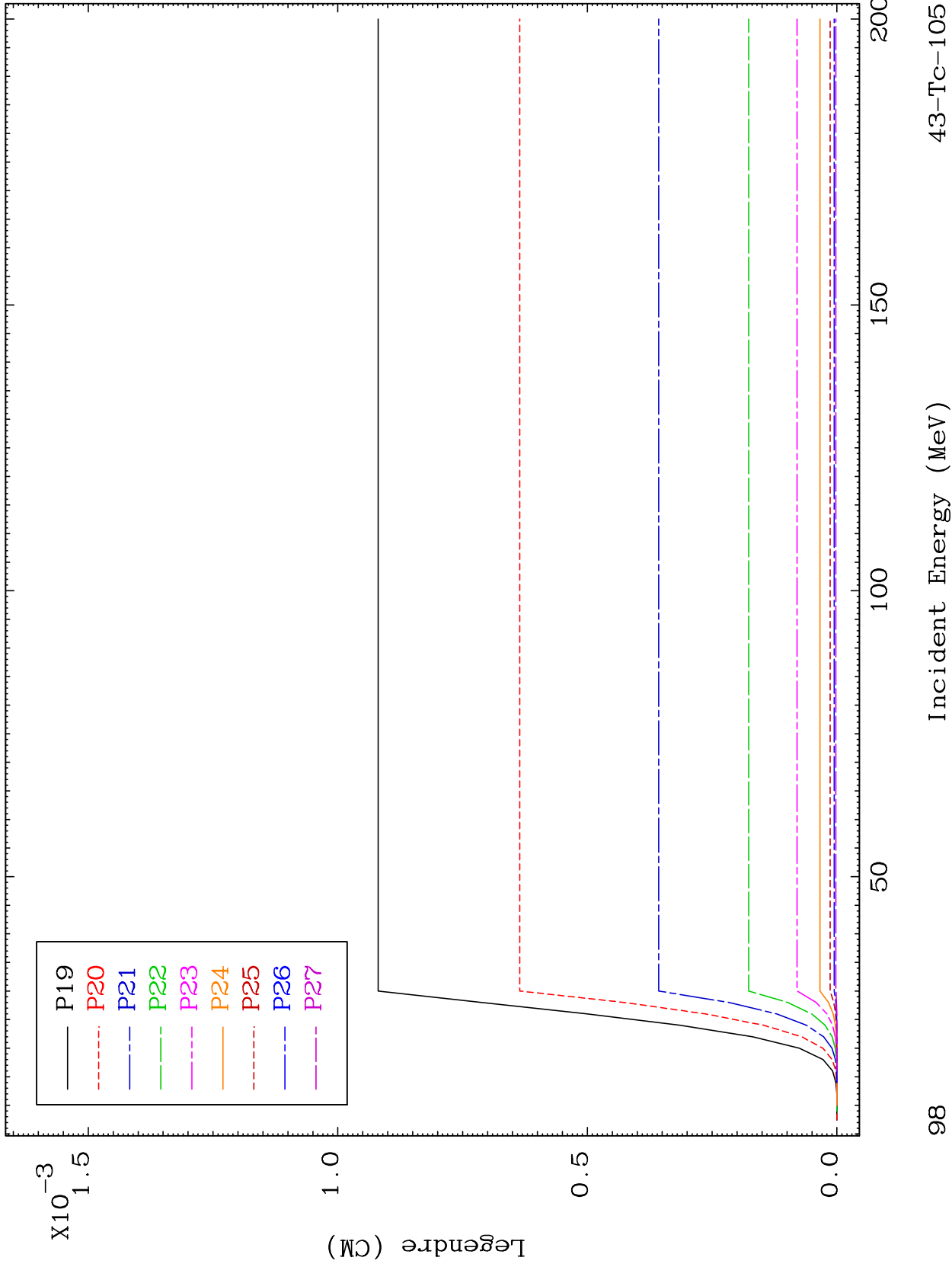
Incident Energy (MeV)

43-Tc-105

MAT 4343

672.6 keV (n,n') Level  
Legendre Coefficients

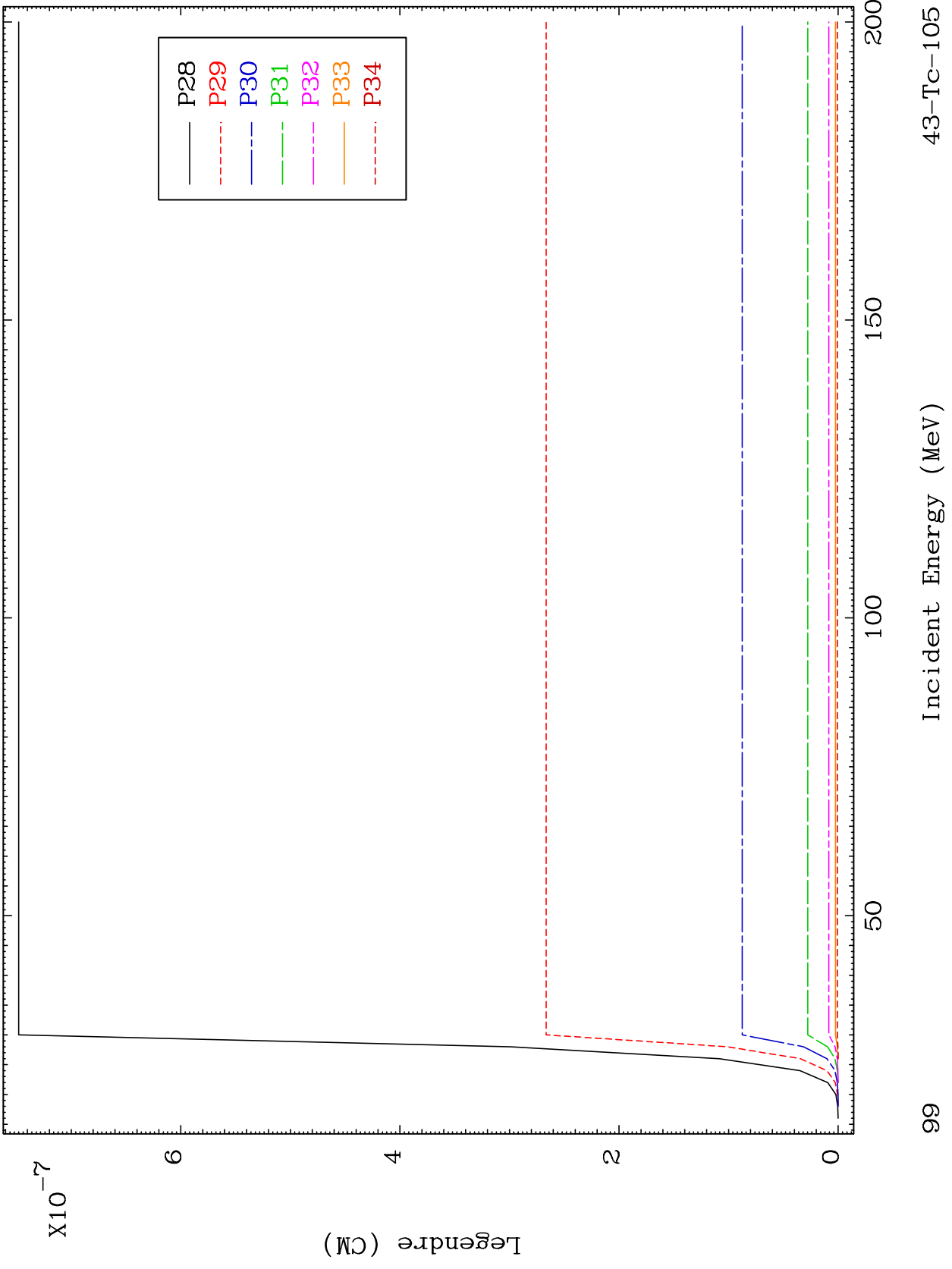
43-Tc-105



MAT 4343

672.6 keV (n,n') Level  
Legendre Coefficients

43-Tc-105



99

Incident Energy (MeV)

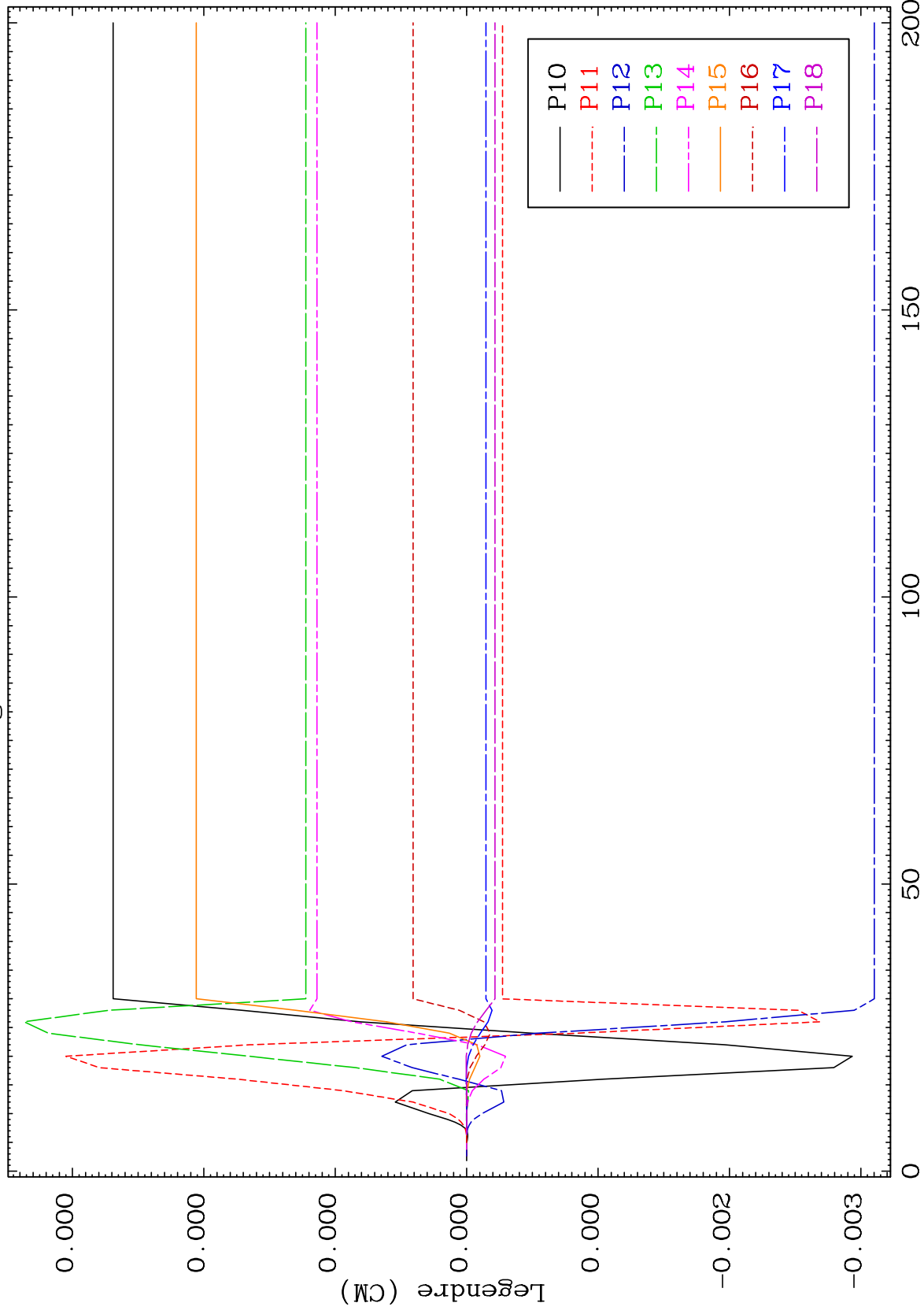
43-Tc-105



MAT 4343

749.9 keV (n,n') Level  
Legendre Coefficients

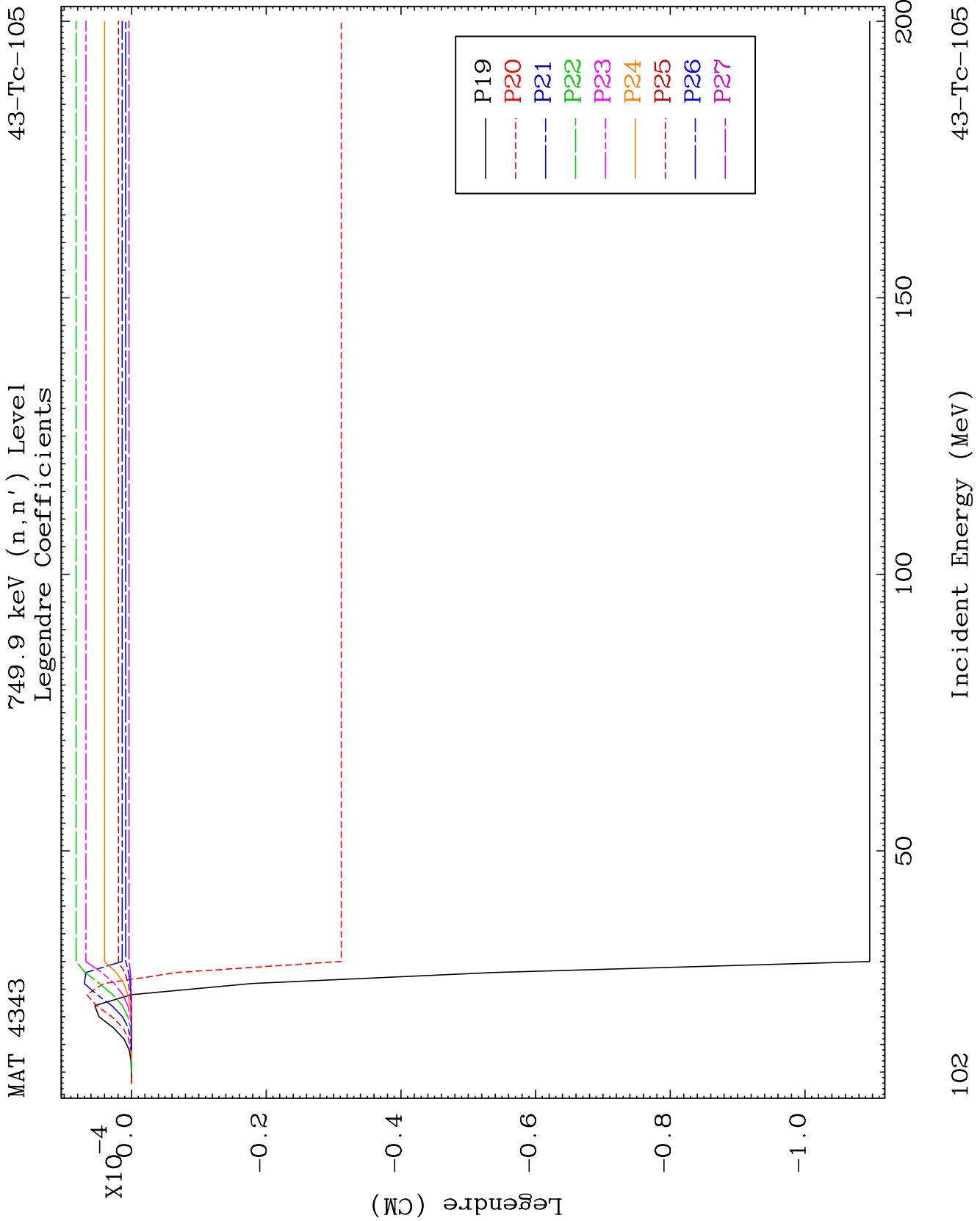
43-Tc-105



101

Incident Energy (MeV)

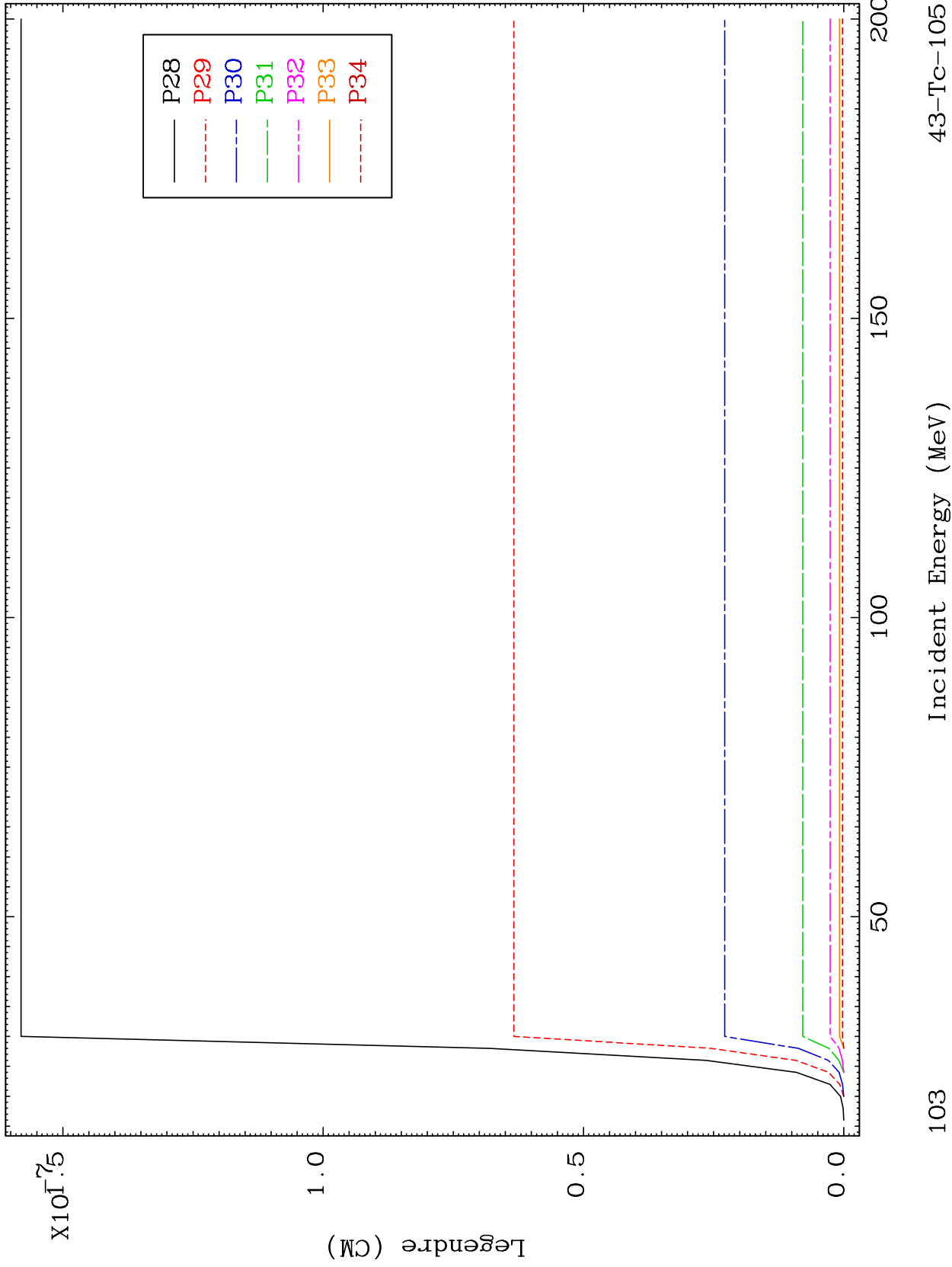
43-Tc-105



MAT 4343

749.9 keV (n,n') Level  
Legendre Coefficients

43-Tc-105



103

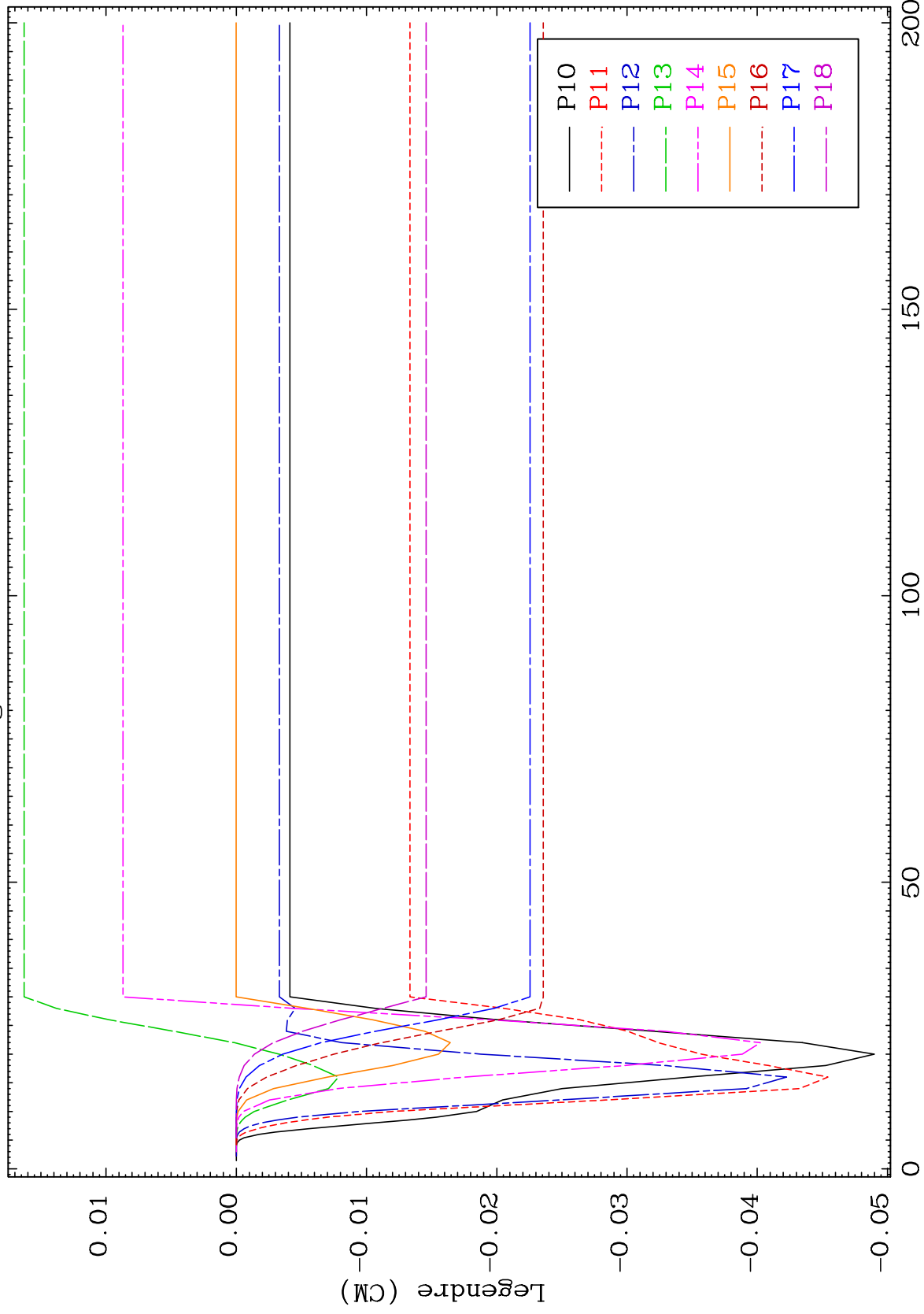




MAT 4343

810.3 keV (n,n') Level  
Legendre Coefficients

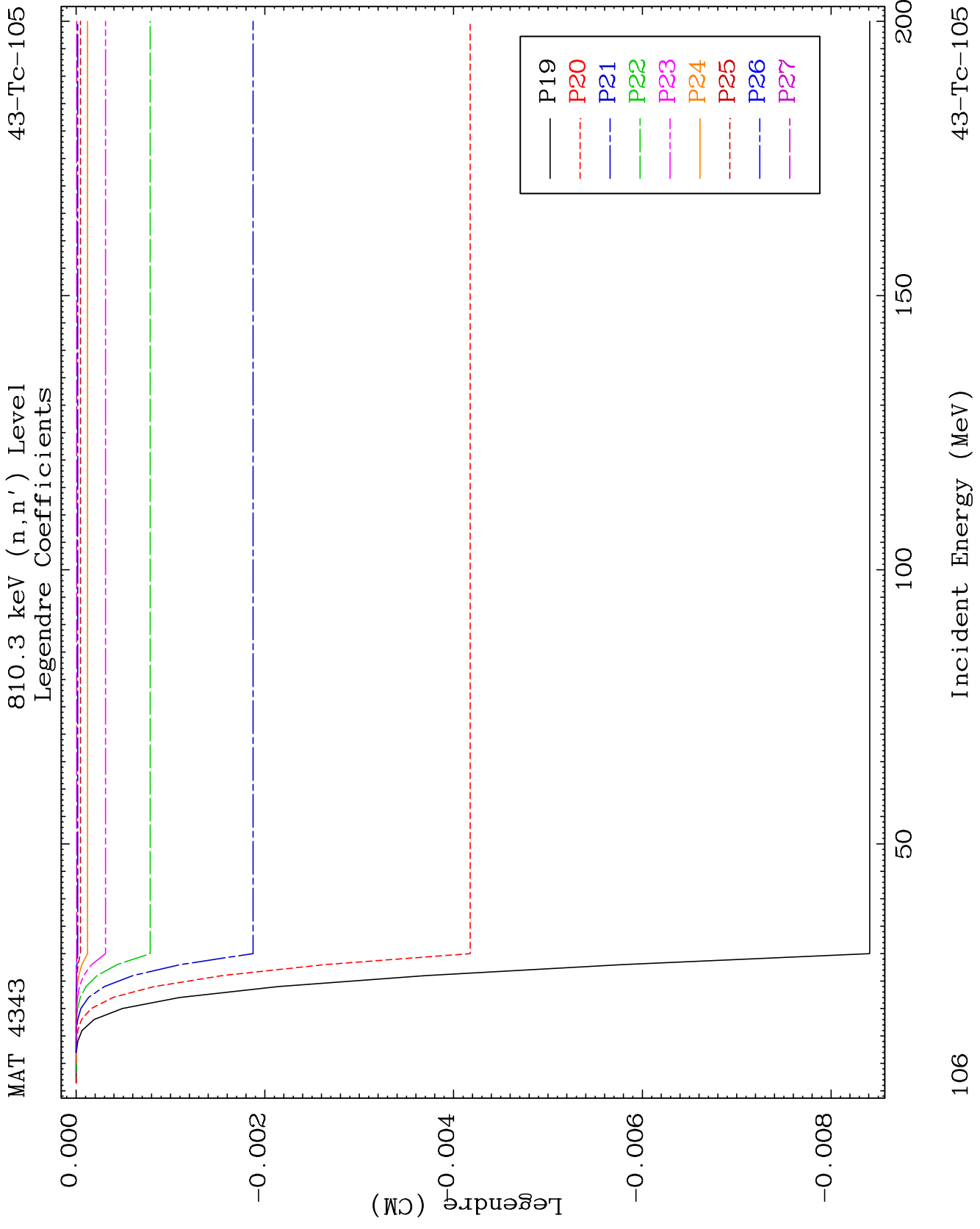
43-Tc-105

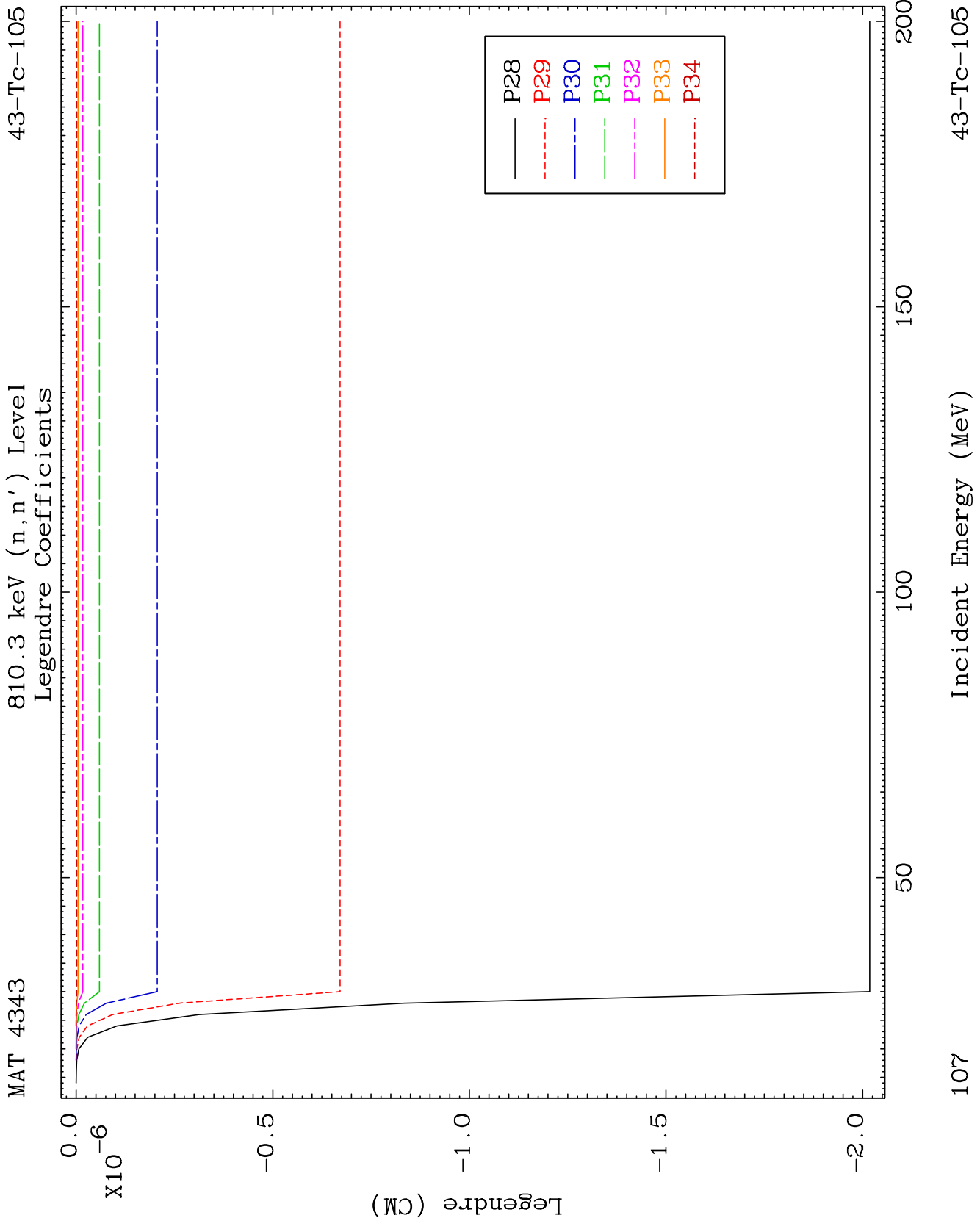


105

Incident Energy (MeV)

43-Tc-105

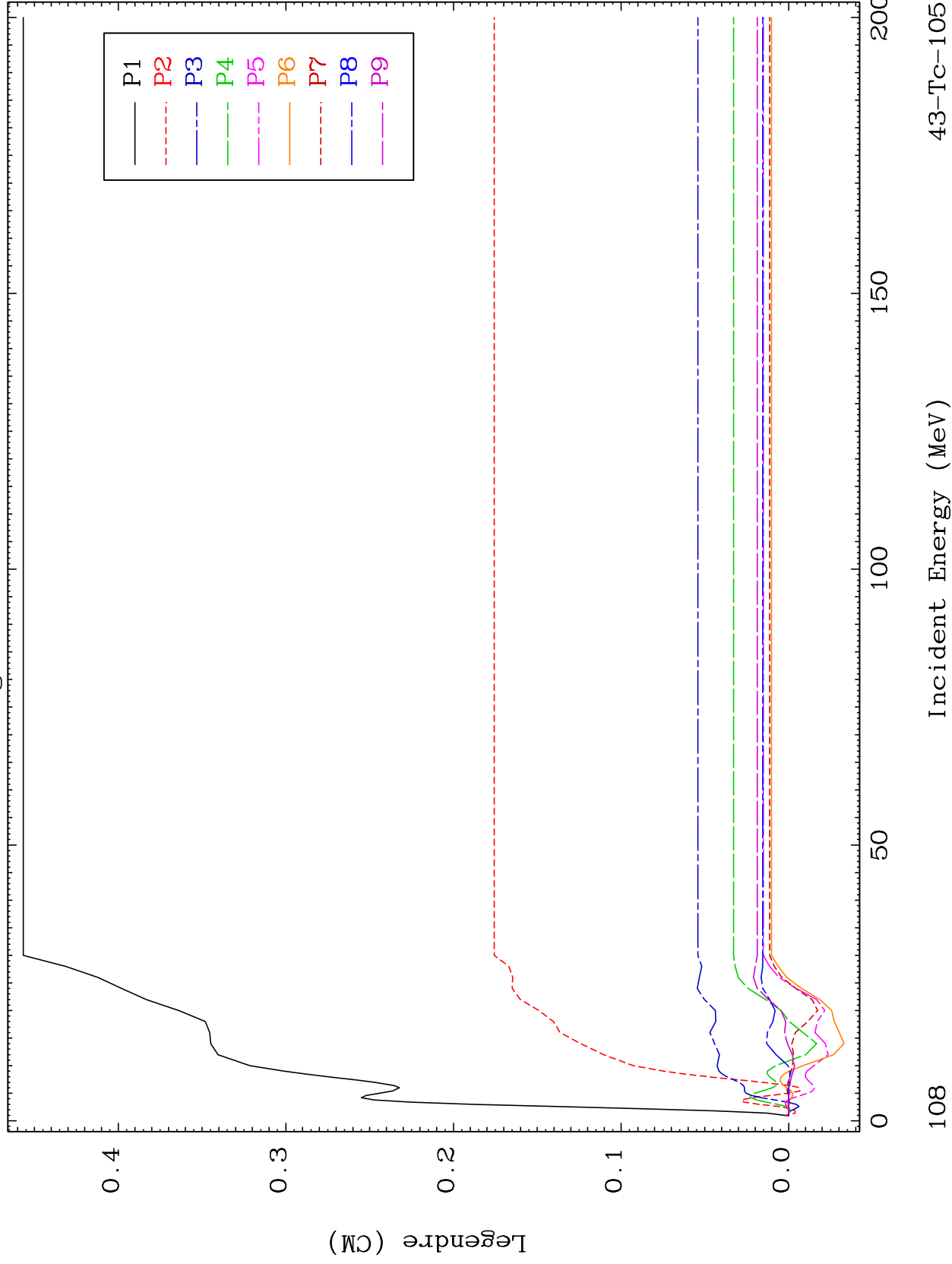




MAT 4343

868.9 keV (n,n') Level  
Legendre Coefficients

43-Tc-105



43-Tc-105

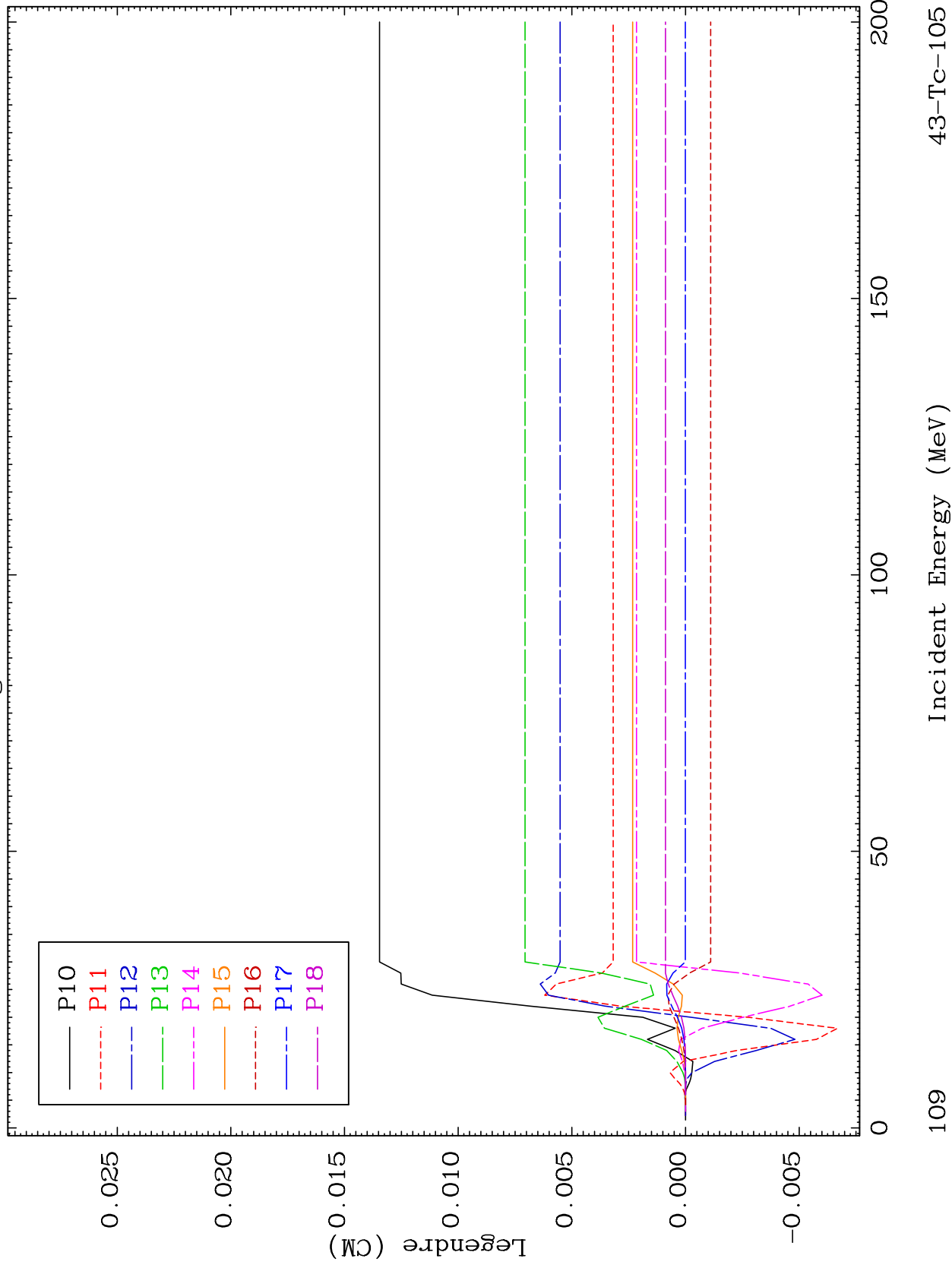
Incident Energy (MeV)

108

MAT 4343

868.9 keV (n, n') Level  
Legendre Coefficients

43-Tc-105



109

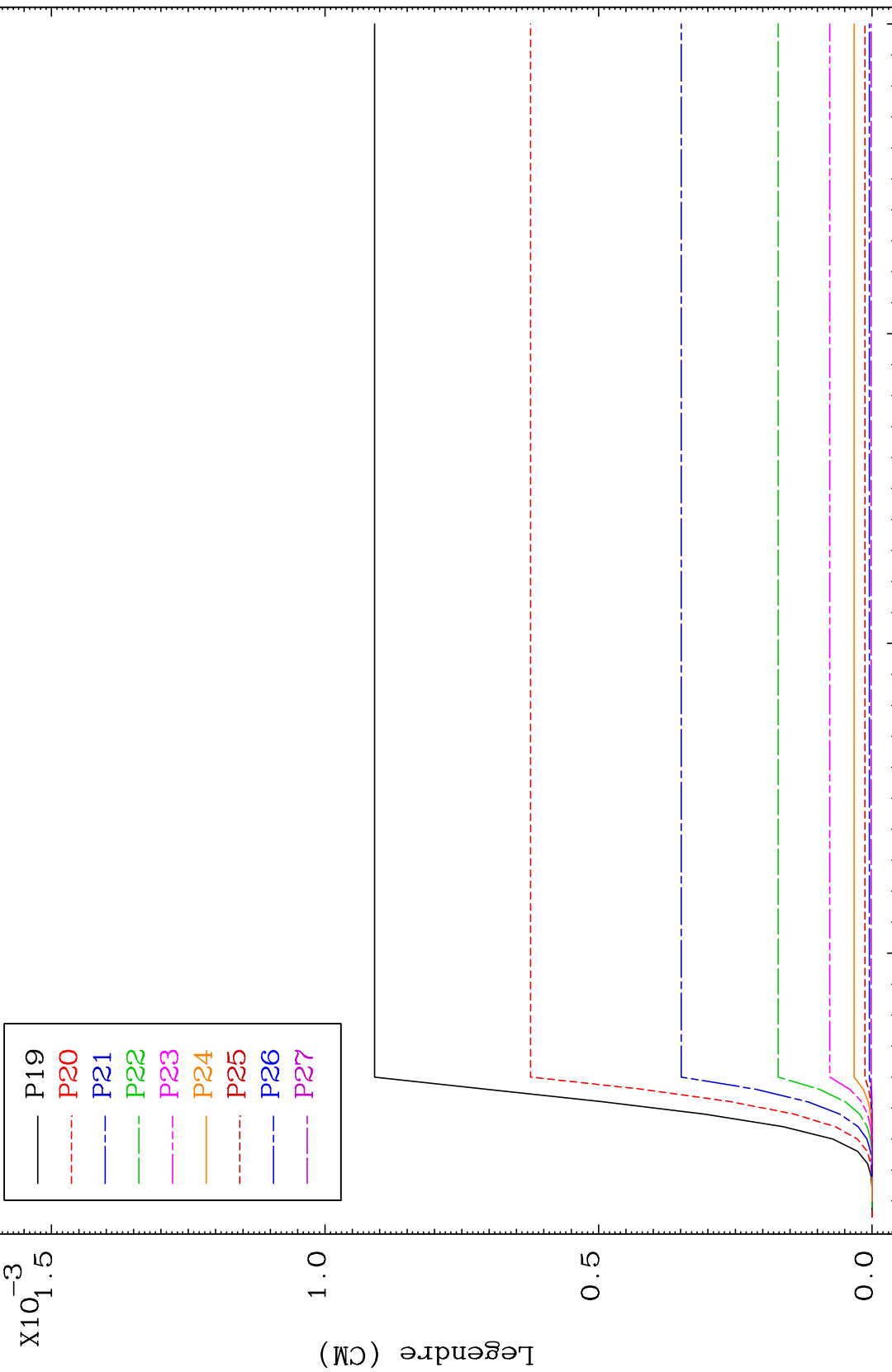
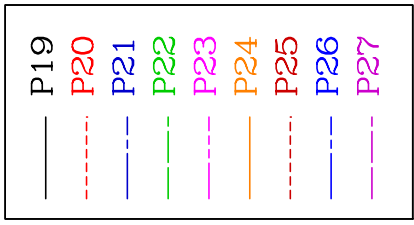
Incident Energy (MeV)

43-Tc-105

MAT 4343

868.9 keV (n, n') Level  
Legendre Coefficients

43-Tc-105



110

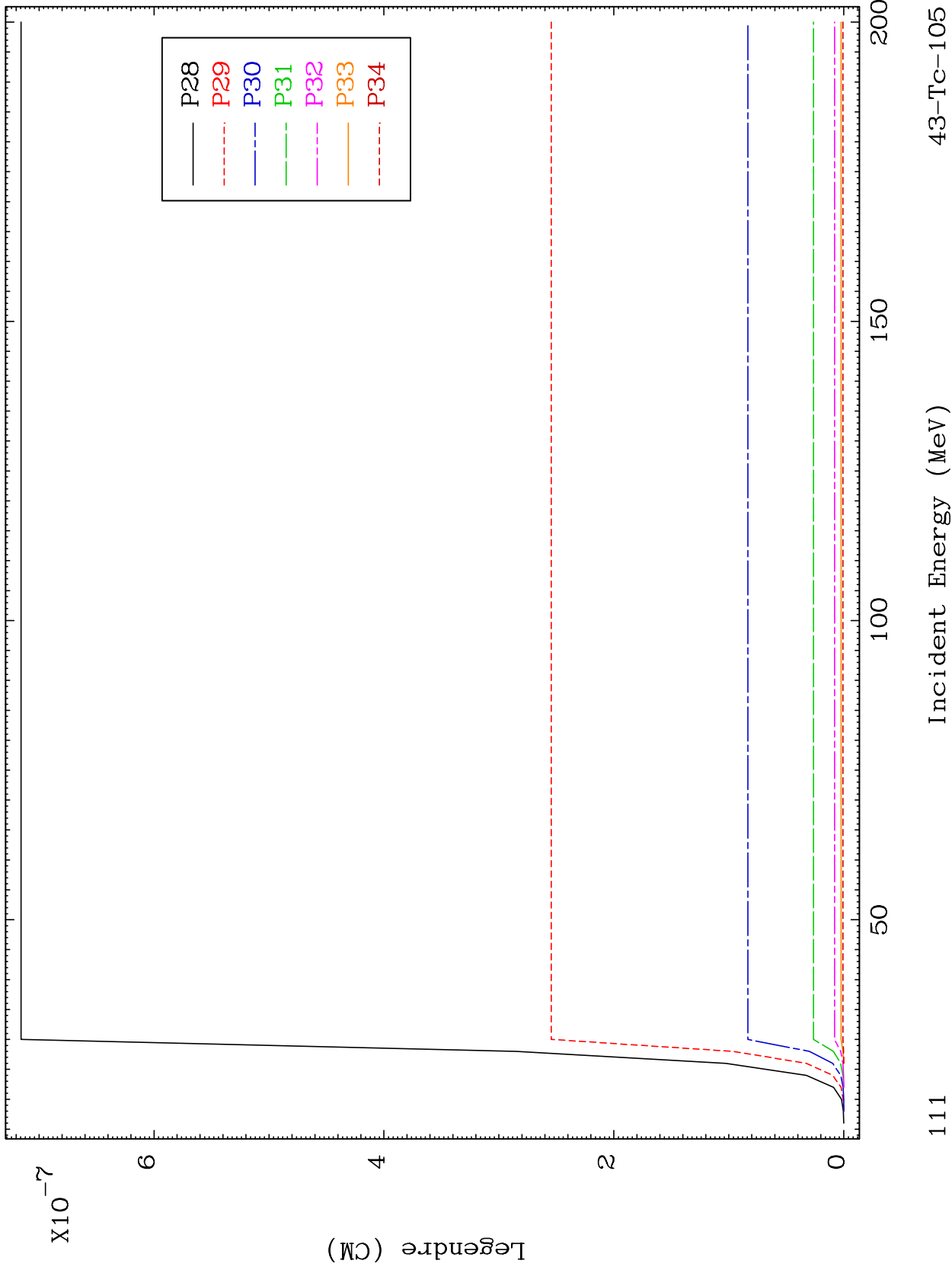
Incident Energy (MeV)

43-Tc-105

MAT 4343

868.9 keV (n,n') Level  
Legendre Coefficients

43-Tc-105



111

Incident Energy (MeV)

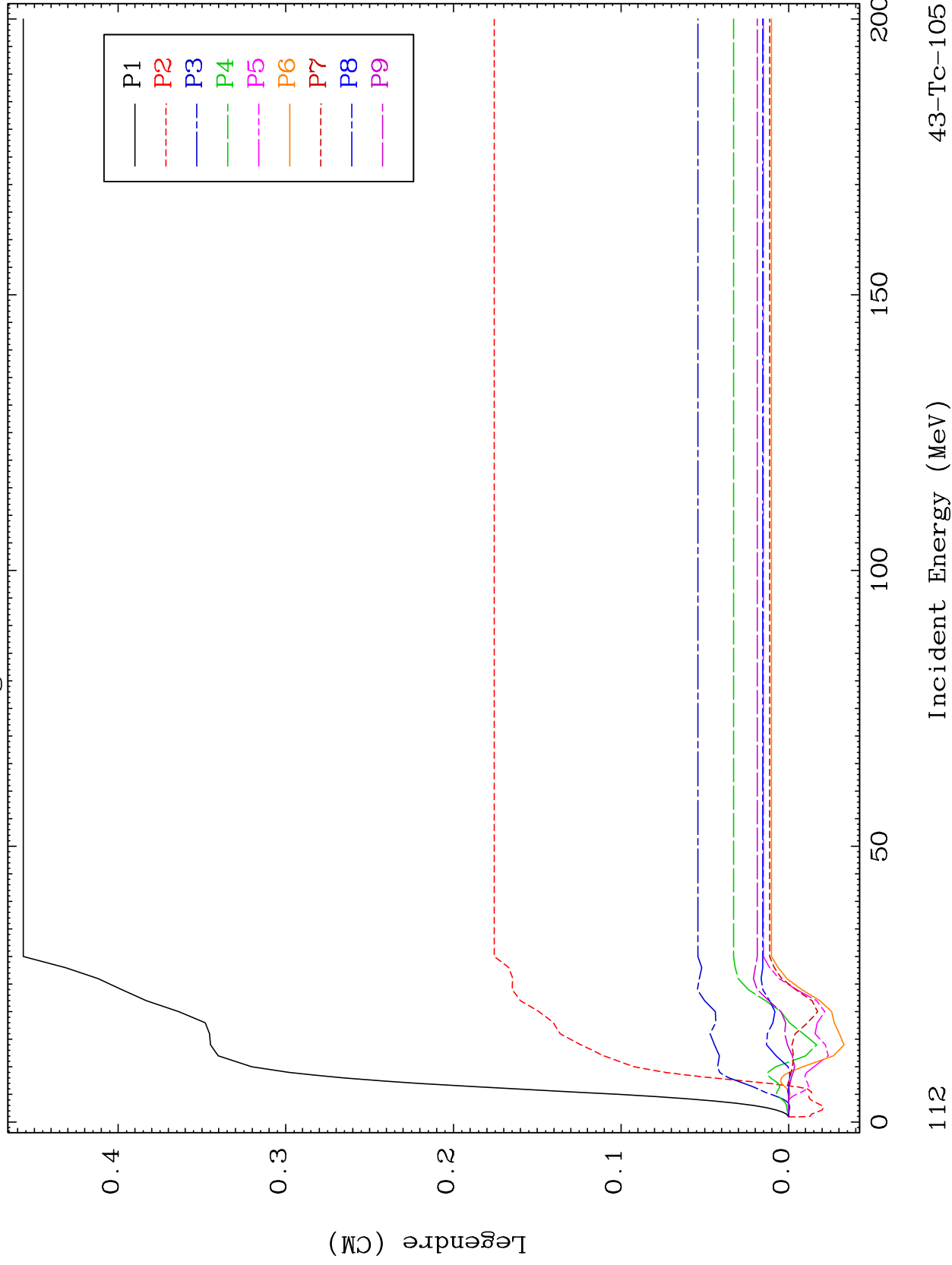
43-Tc-105



MAT 4343

880.9 keV (n,n') Level  
Legendre Coefficients

43-Tc-105



112

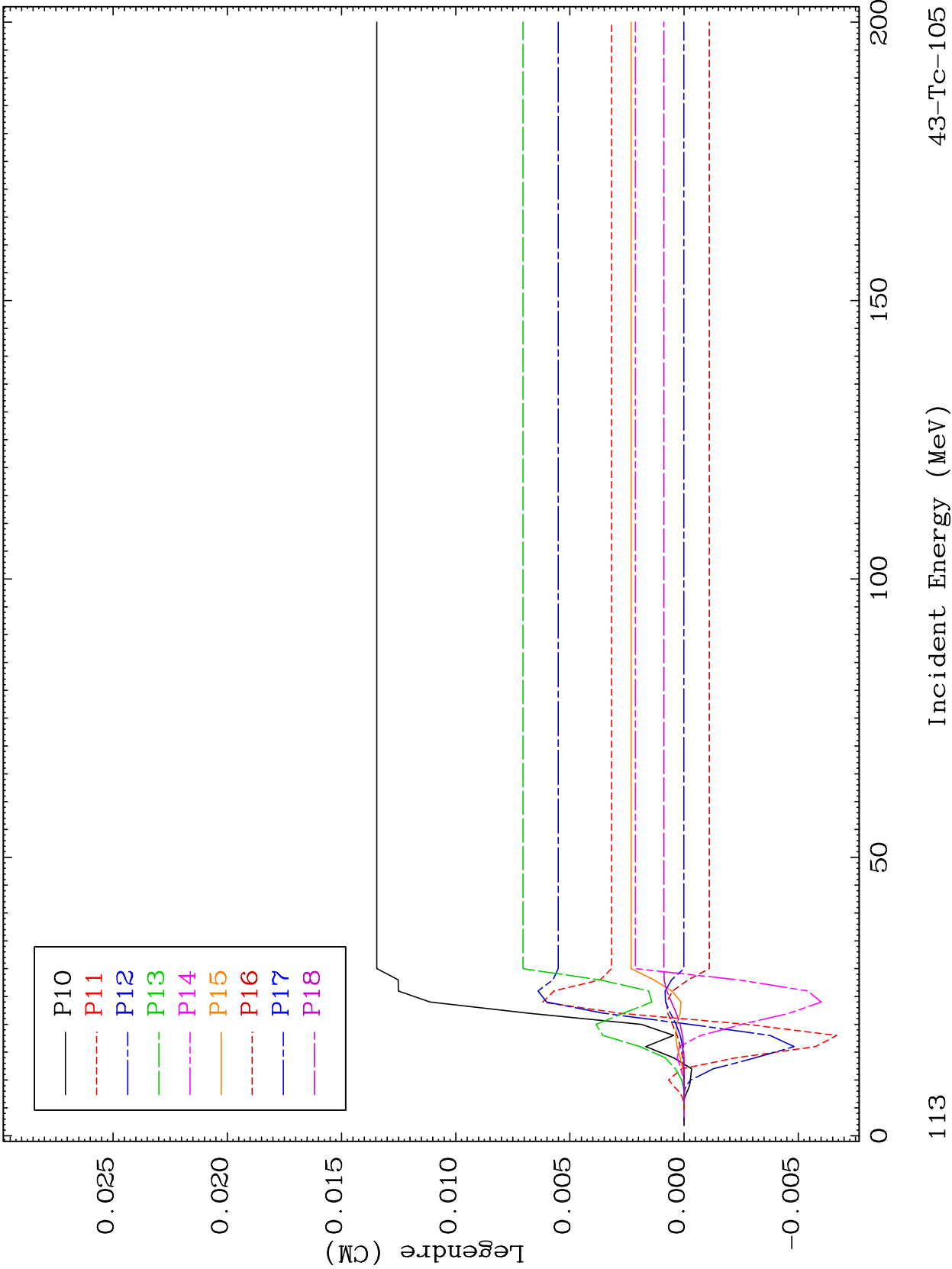
Incident Energy (MeV)

43-Tc-105

MAT 4343

880.9 keV (n, n') Level  
Legendre Coefficients

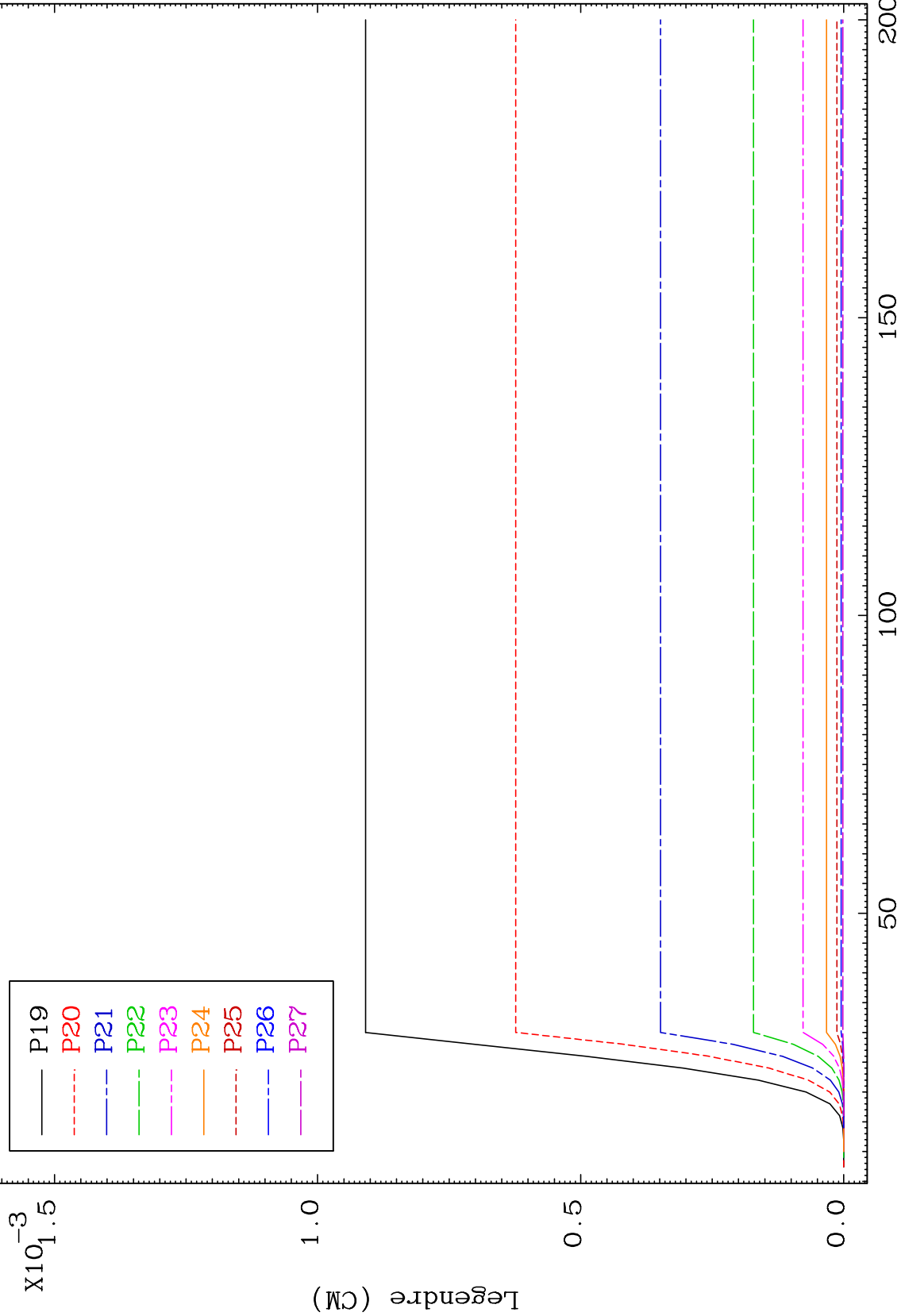
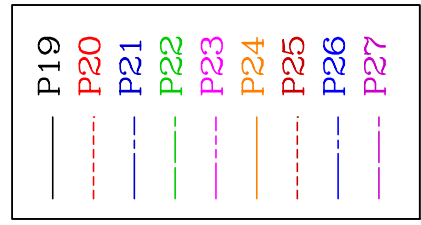
43-Tc-105



MAT 4343

880.9 keV (n, n') Level  
Legendre Coefficients

43-Tc-105



114

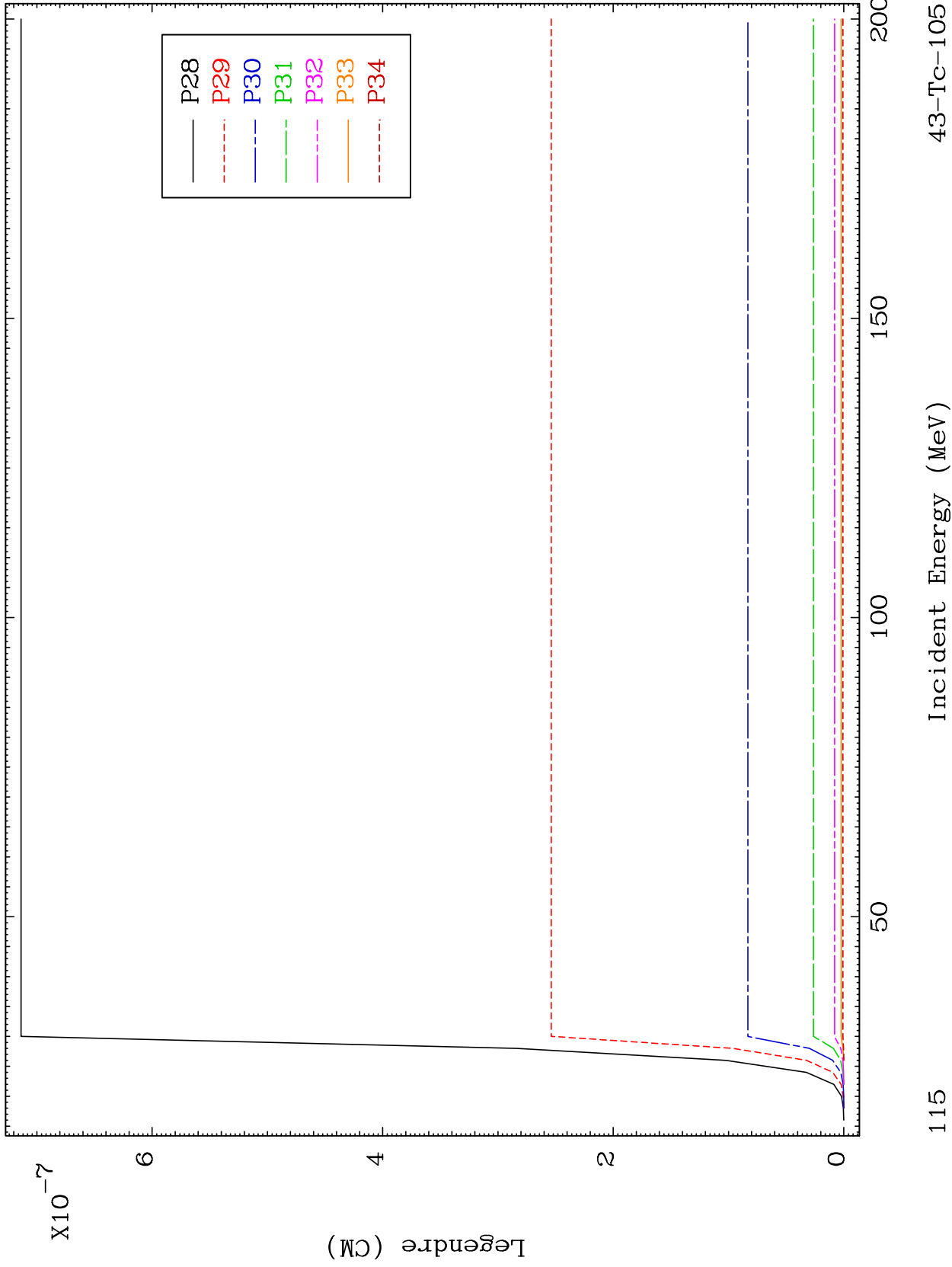
Incident Energy (MeV)

43-Tc-105

MAT 4343

880.9 keV (n,n') Level  
Legendre Coefficients

43-Tc-105

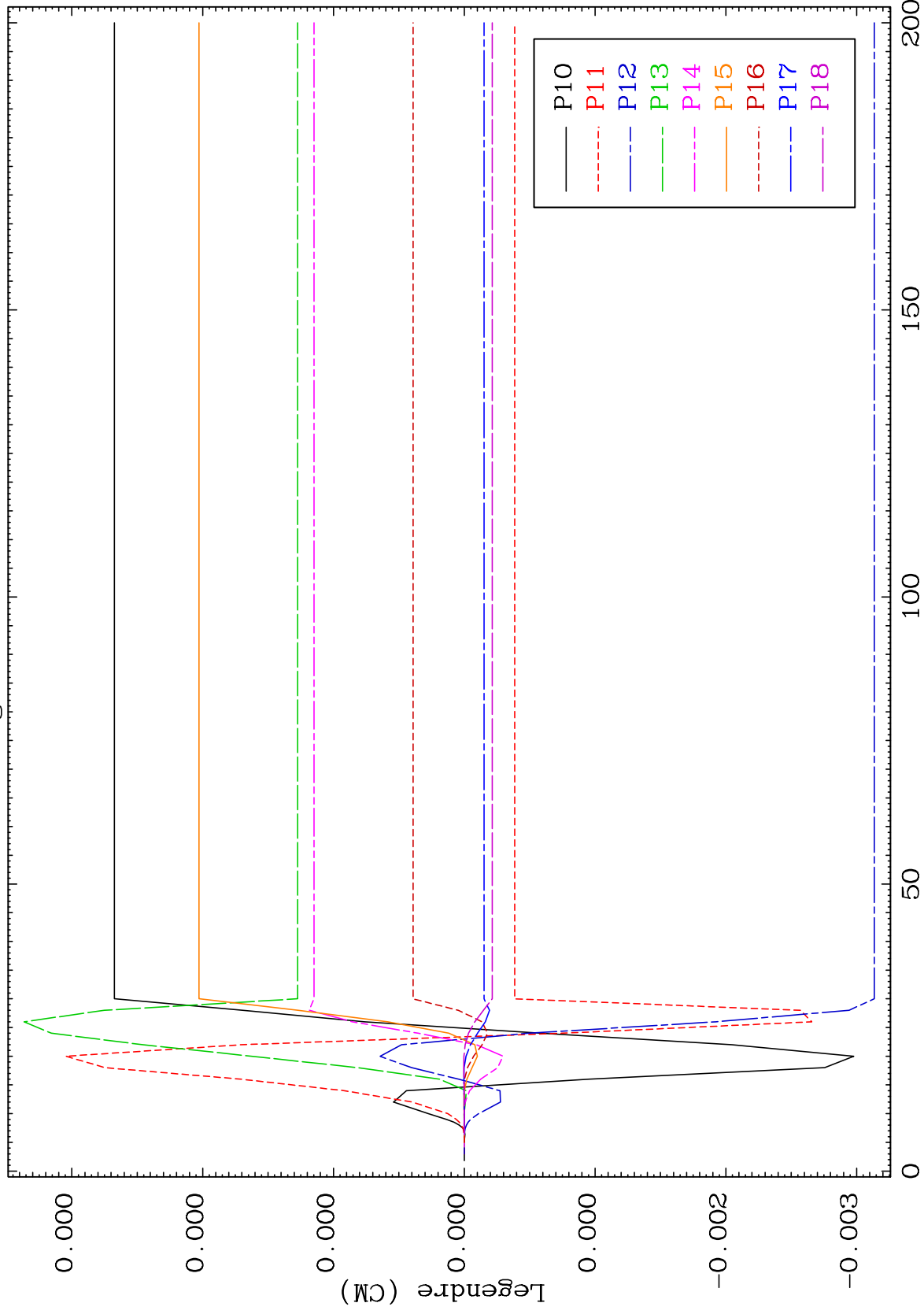




MAT 4343

891.6 keV (n,n') Level  
Legendre Coefficients

43-Tc-105



117

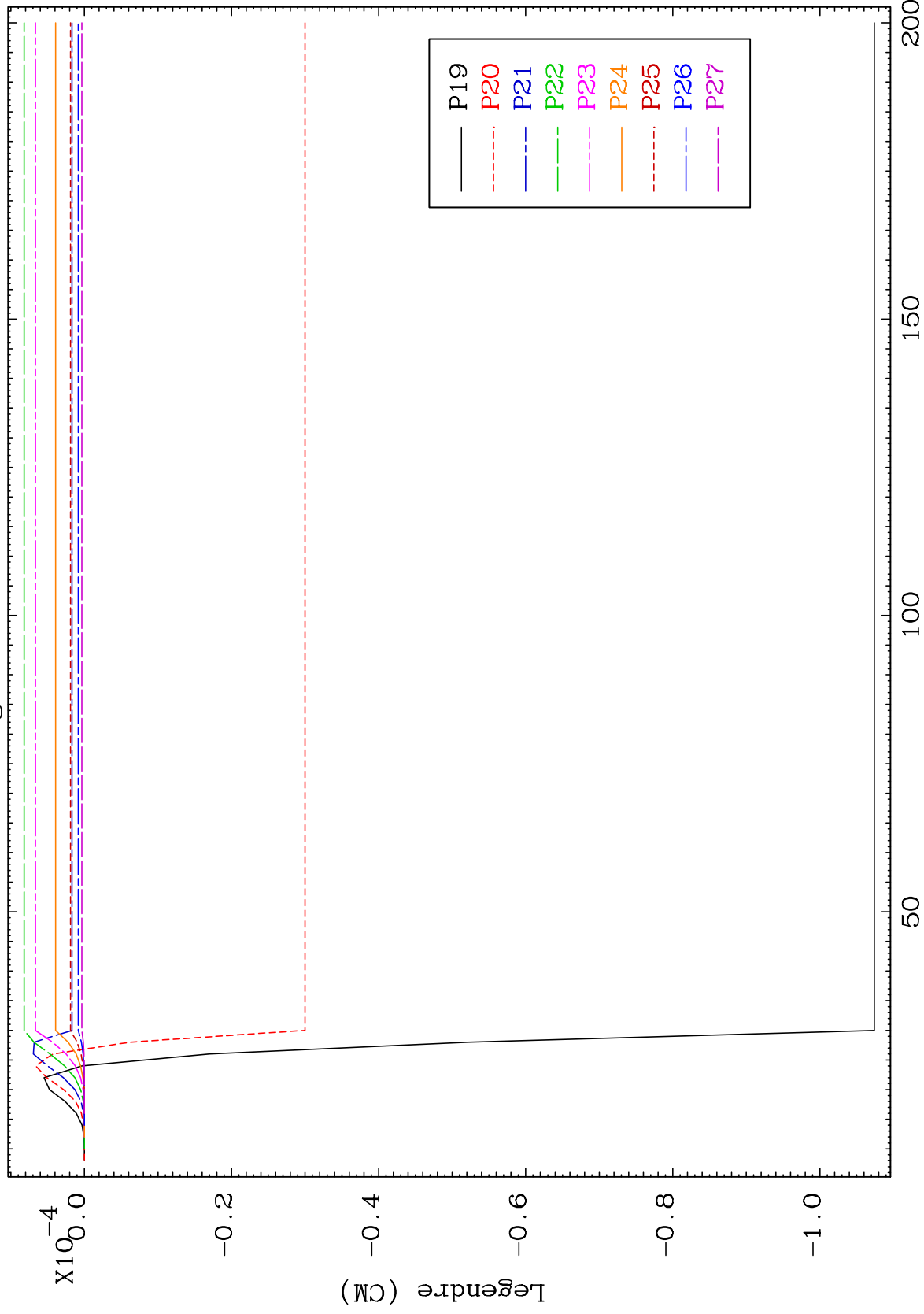
Incident Energy (MeV)

43-Tc-105

MAT 4343

891.6 keV (n,n') Level  
Legendre Coefficients

43-Tc-105



118

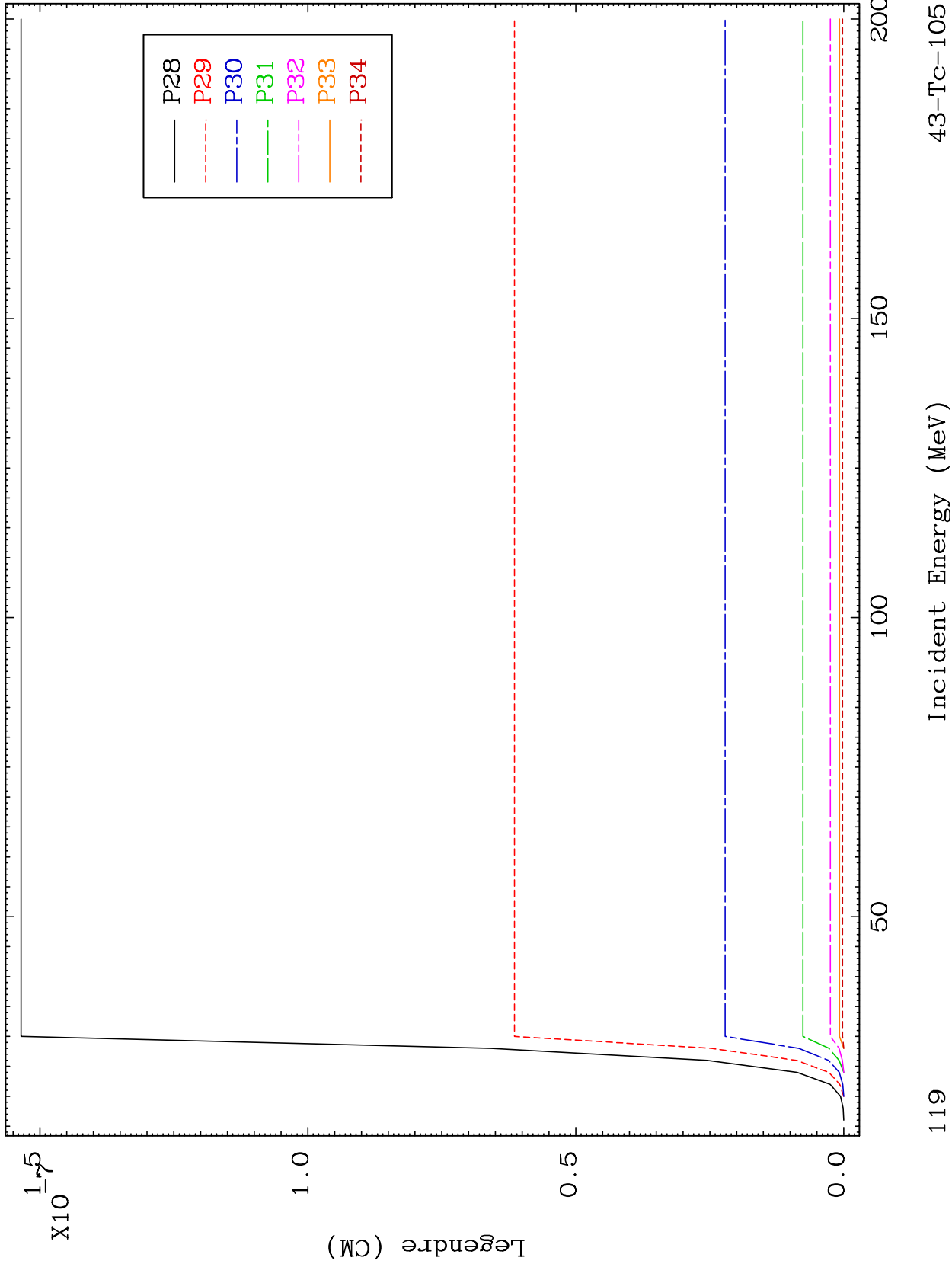
Incident Energy (MeV)

43-Tc-105

MAT 4343

891.6 keV (n, n') Level  
Legendre Coefficients

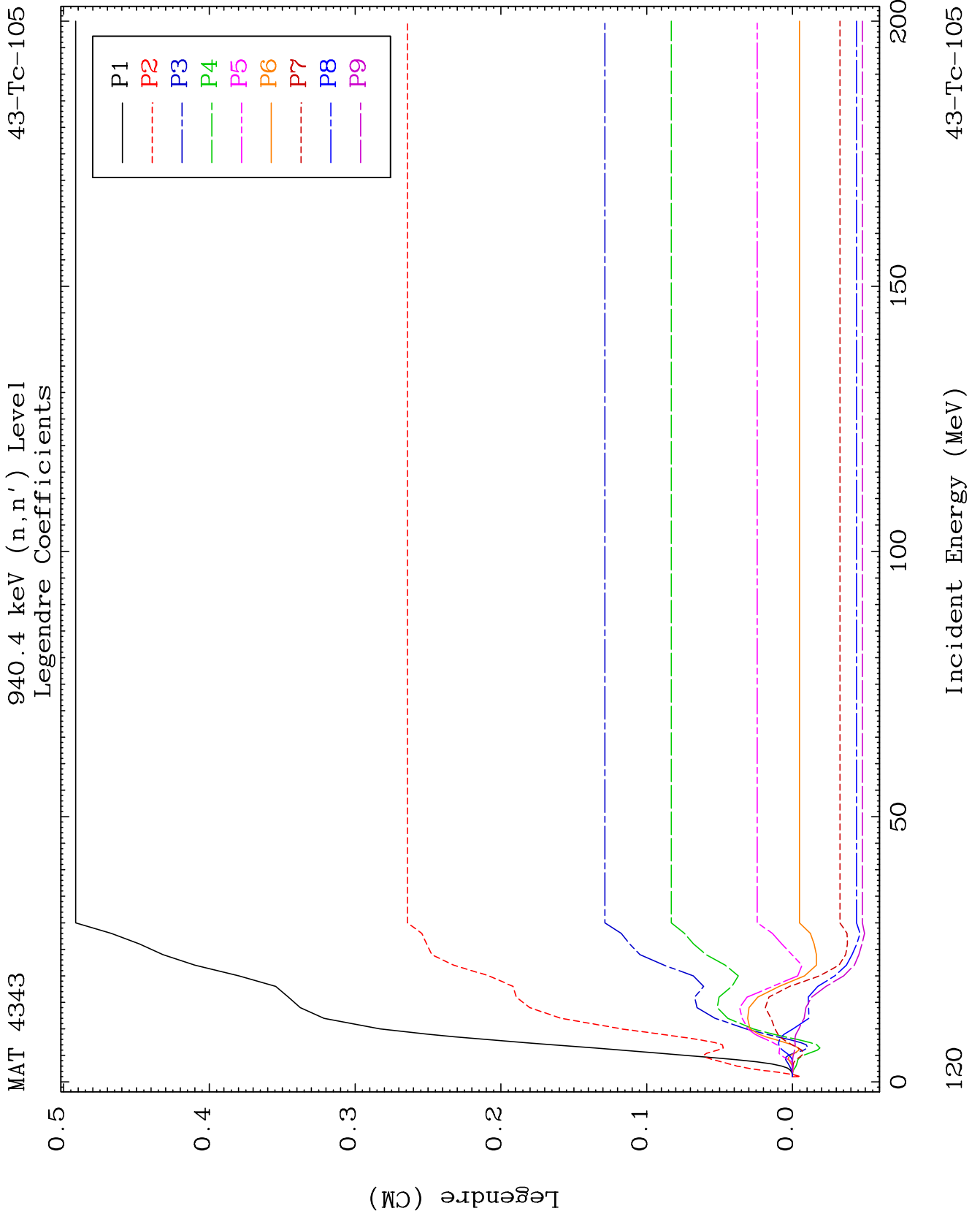
43-Tc-105



119

43-Tc-105

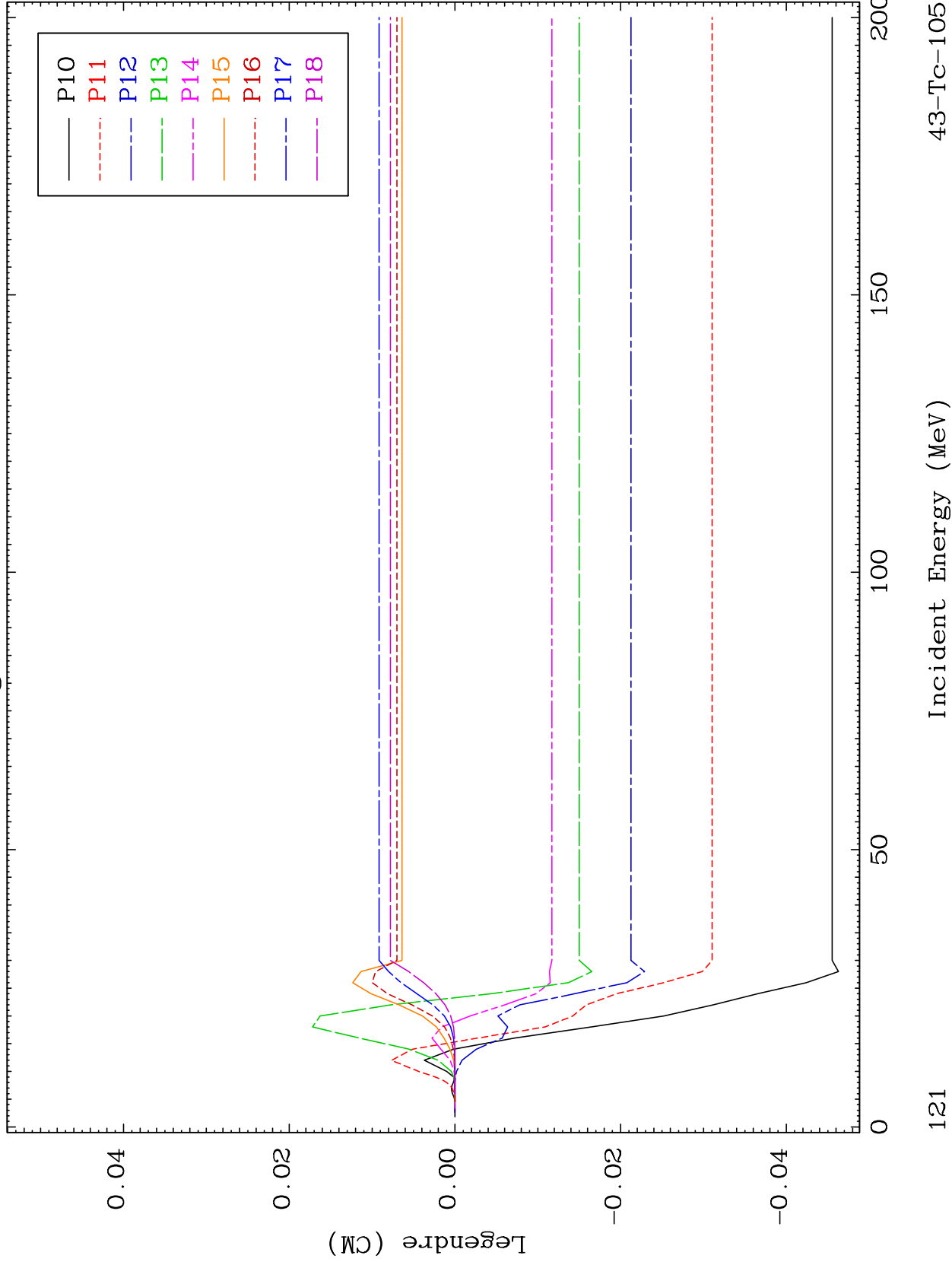




MAT 4343

940.4 keV (n,n') Level  
Legendre Coefficients

43-Tc-105



121

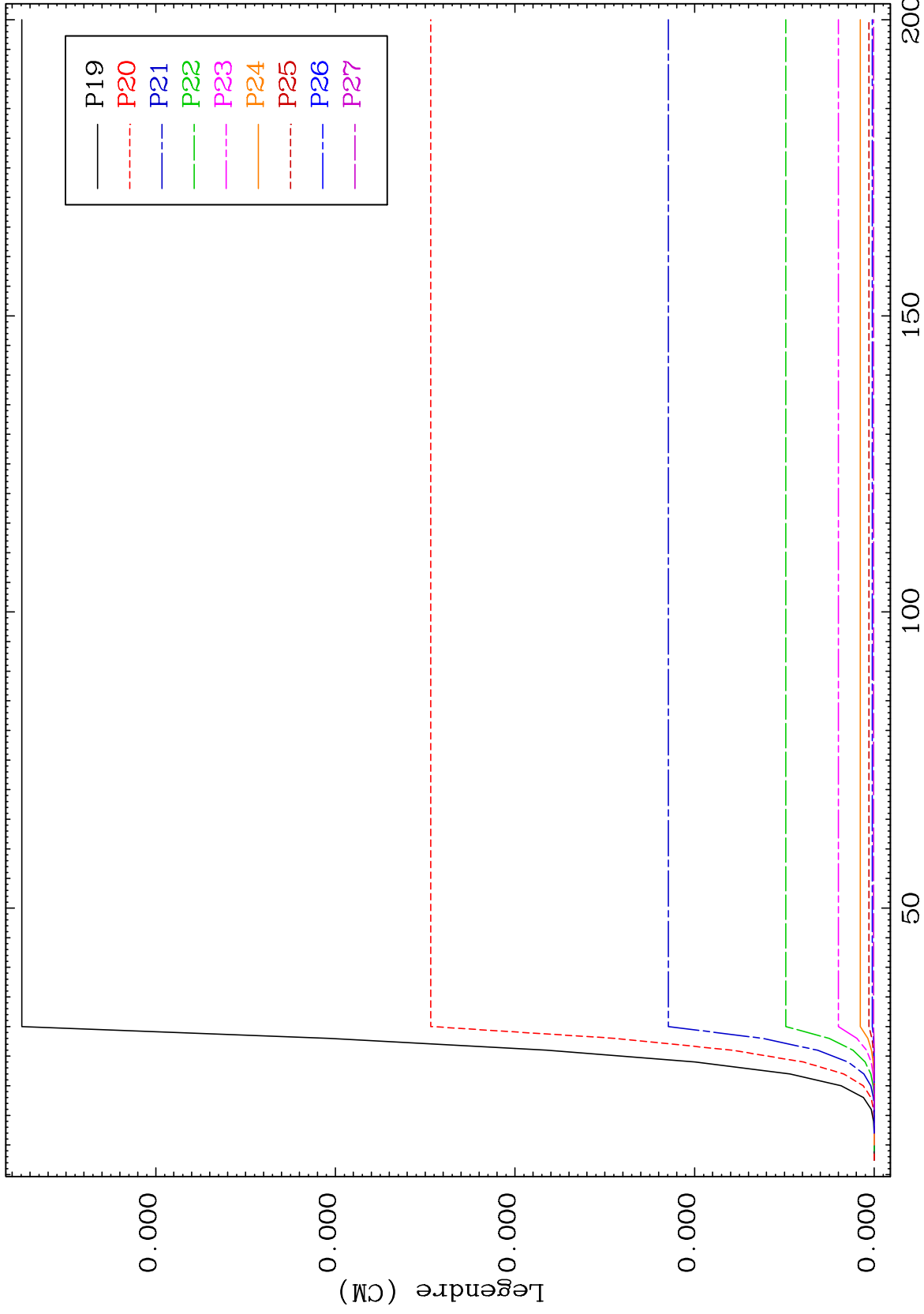
Incident Energy (MeV)

43-Tc-105

MAT 4343

940.4 keV (n, n') Level  
Legendre Coefficients

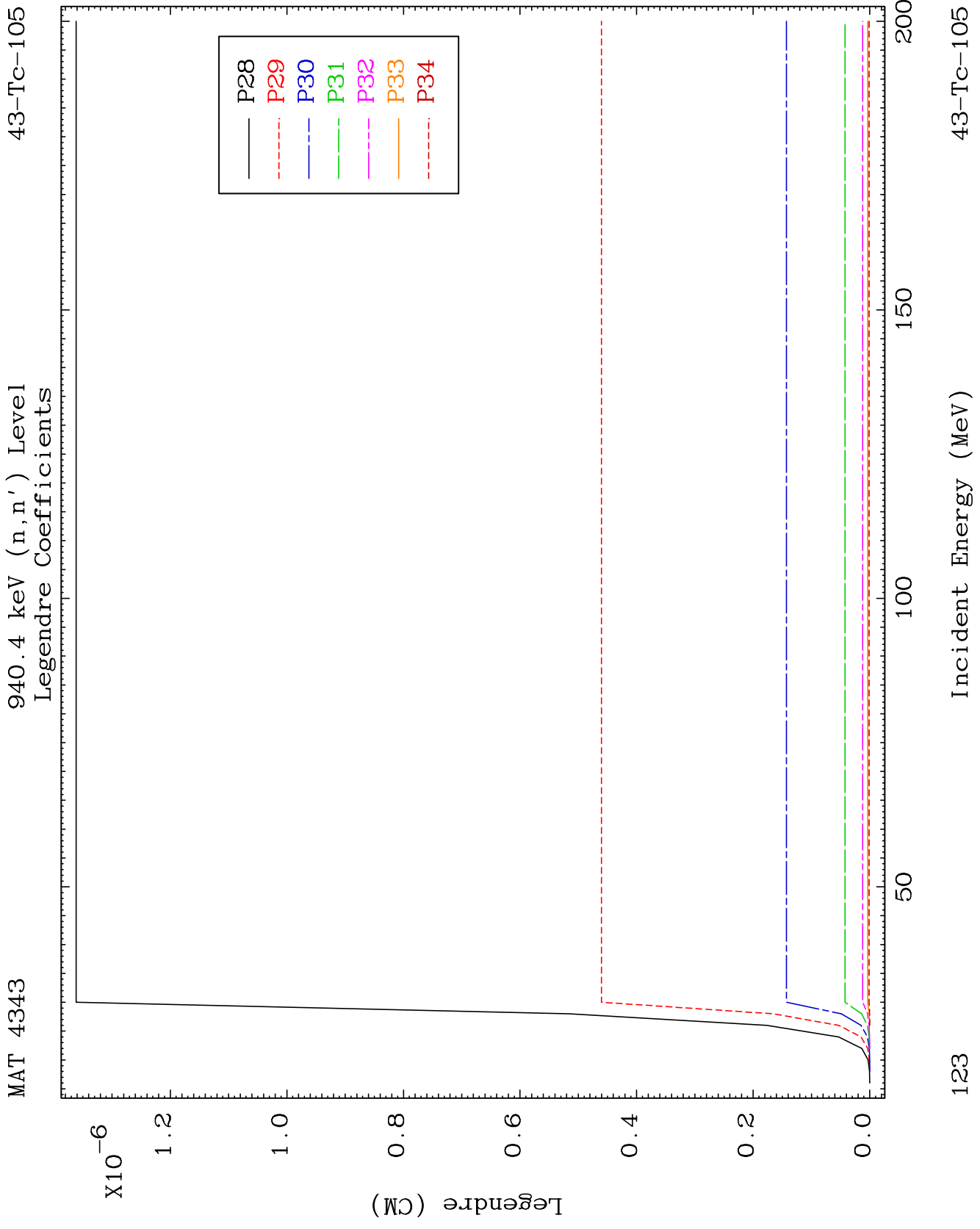
43-Tc-105



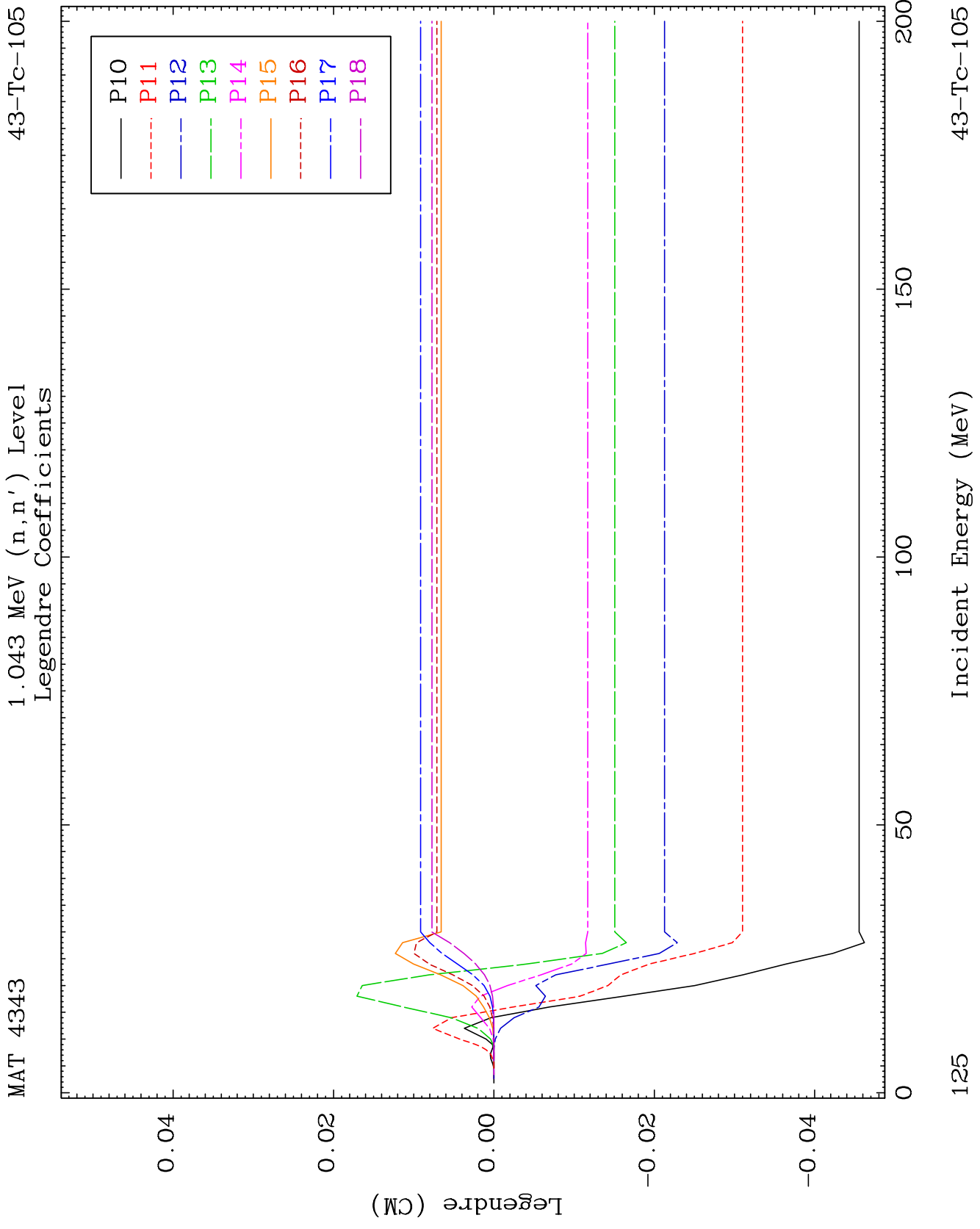
122

Incident Energy (MeV)

43-Tc-105



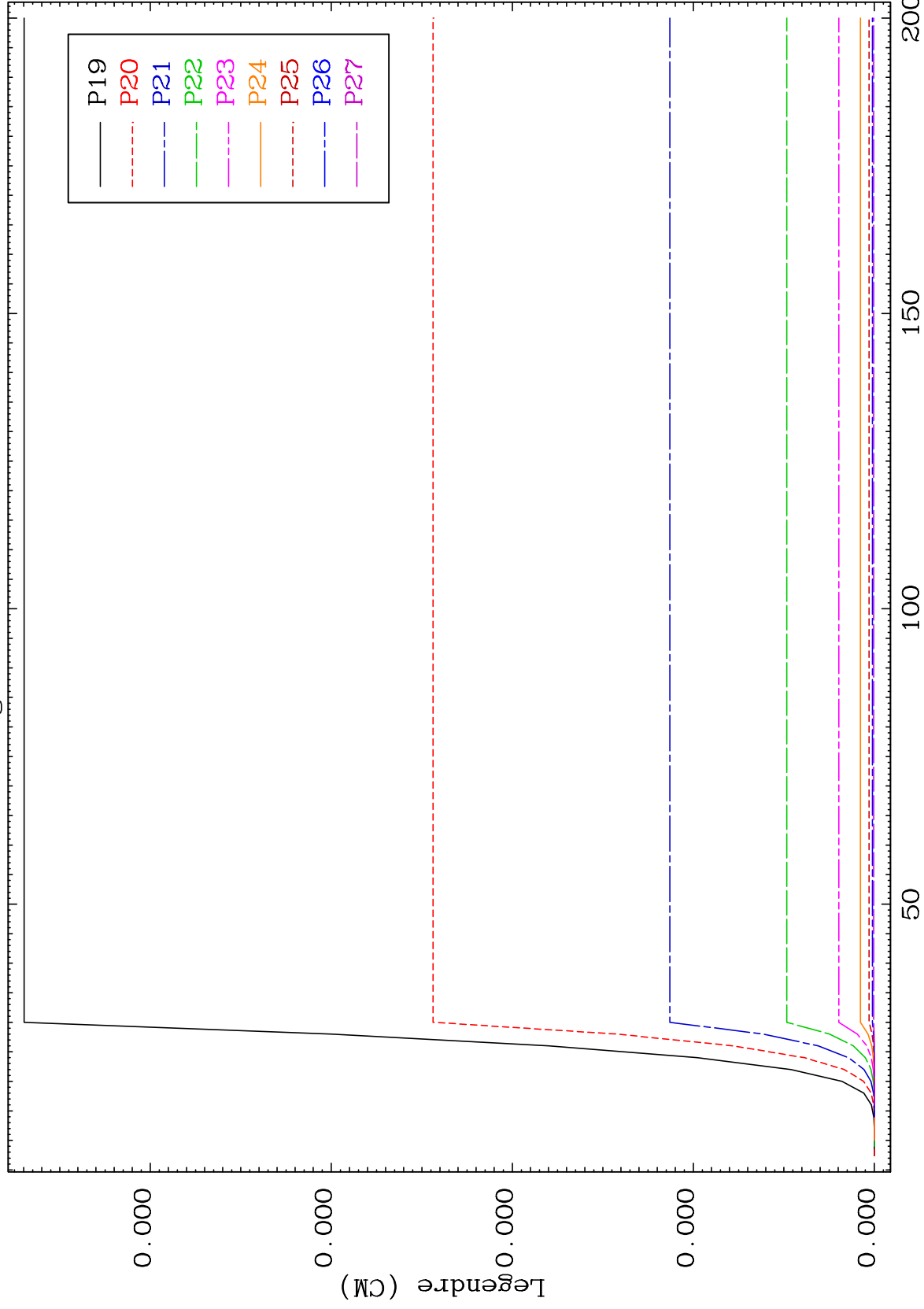




MAT 4343

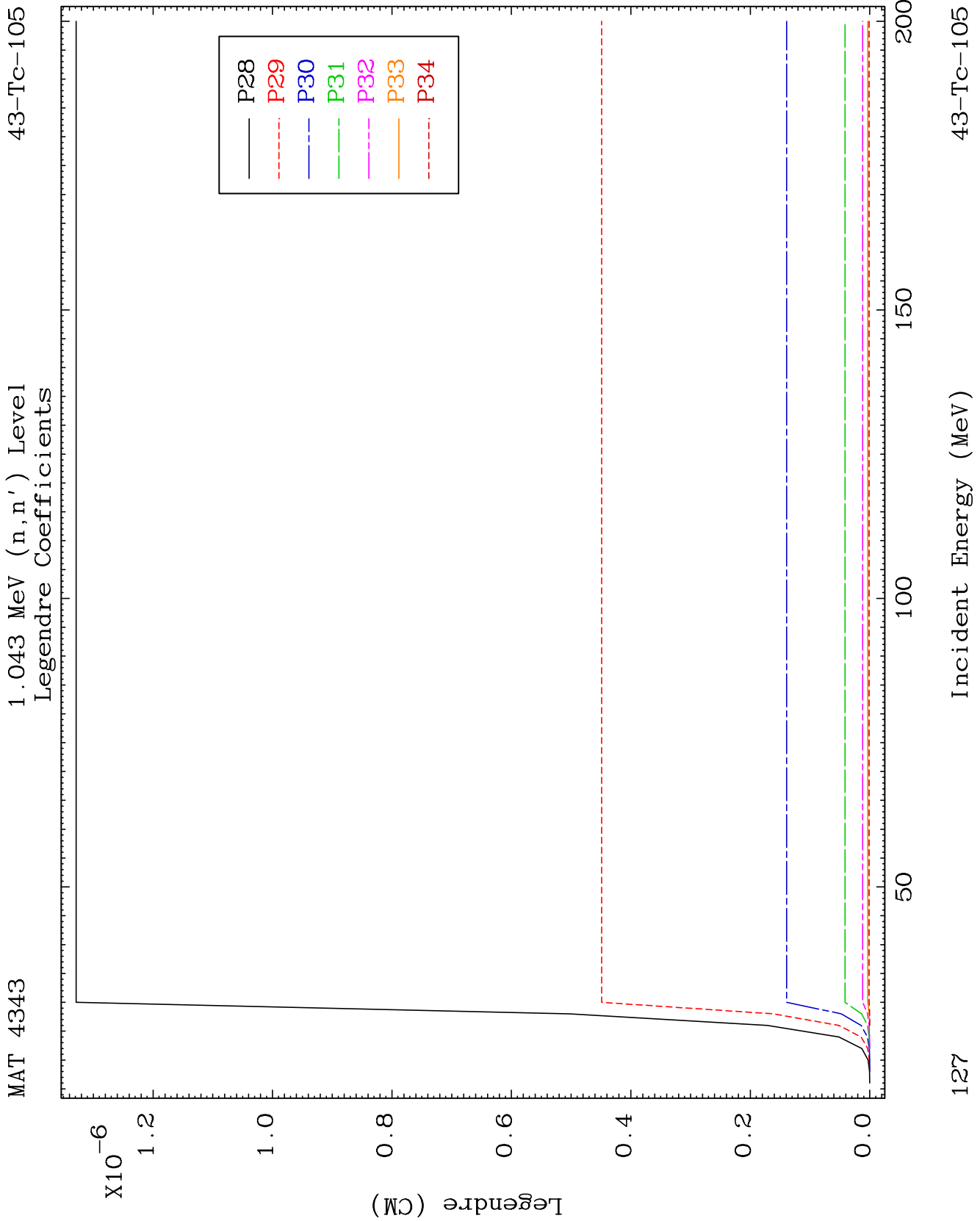
1.043 MeV (n, n') Level  
Legendre Coefficients

43-Tc-105



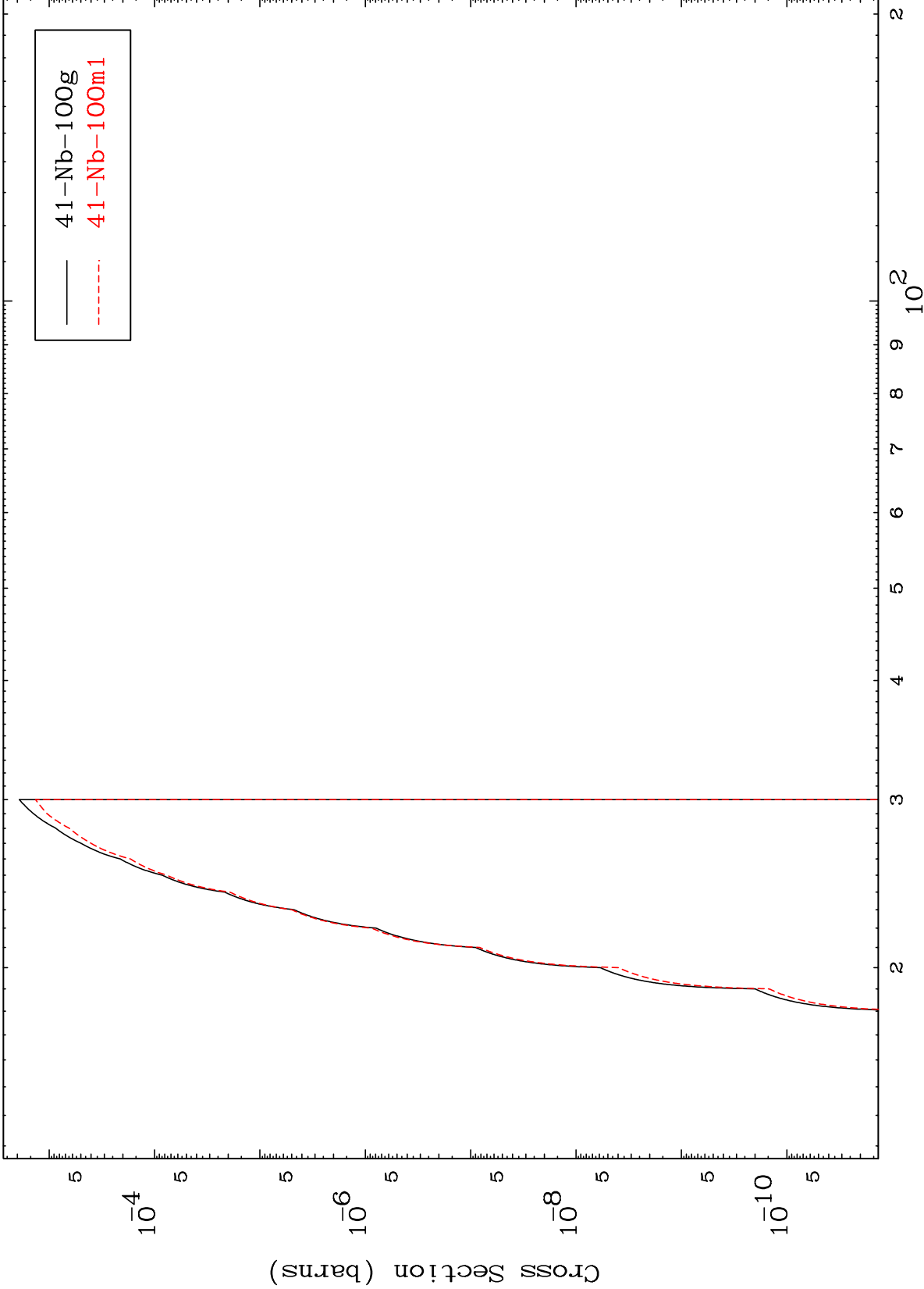
126

43-Tc-105





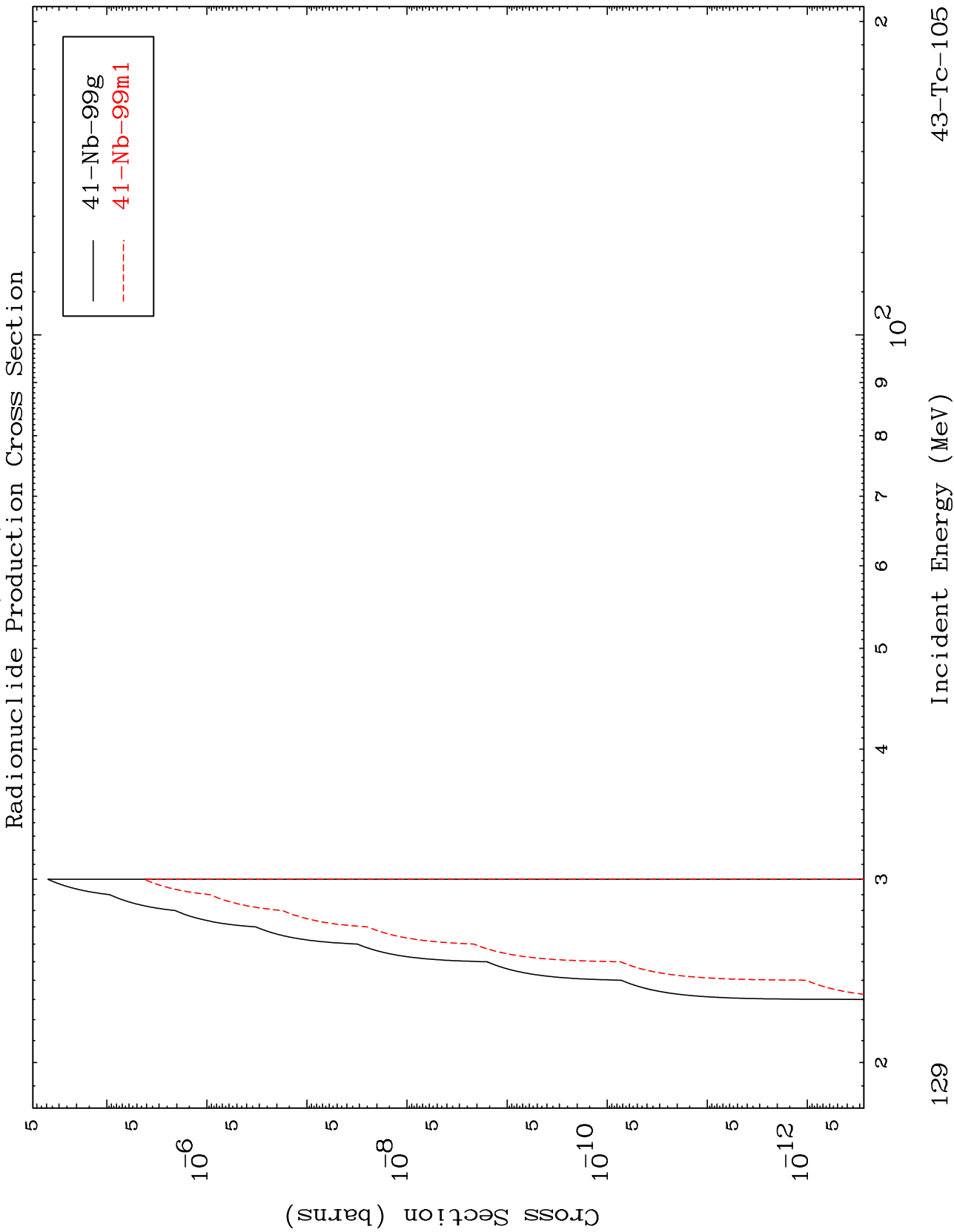
Radionuclide Production Cross Section



MAT 4343

(n,3n)  $\alpha$

43-Tc-105



129

Incident Energy (MeV)

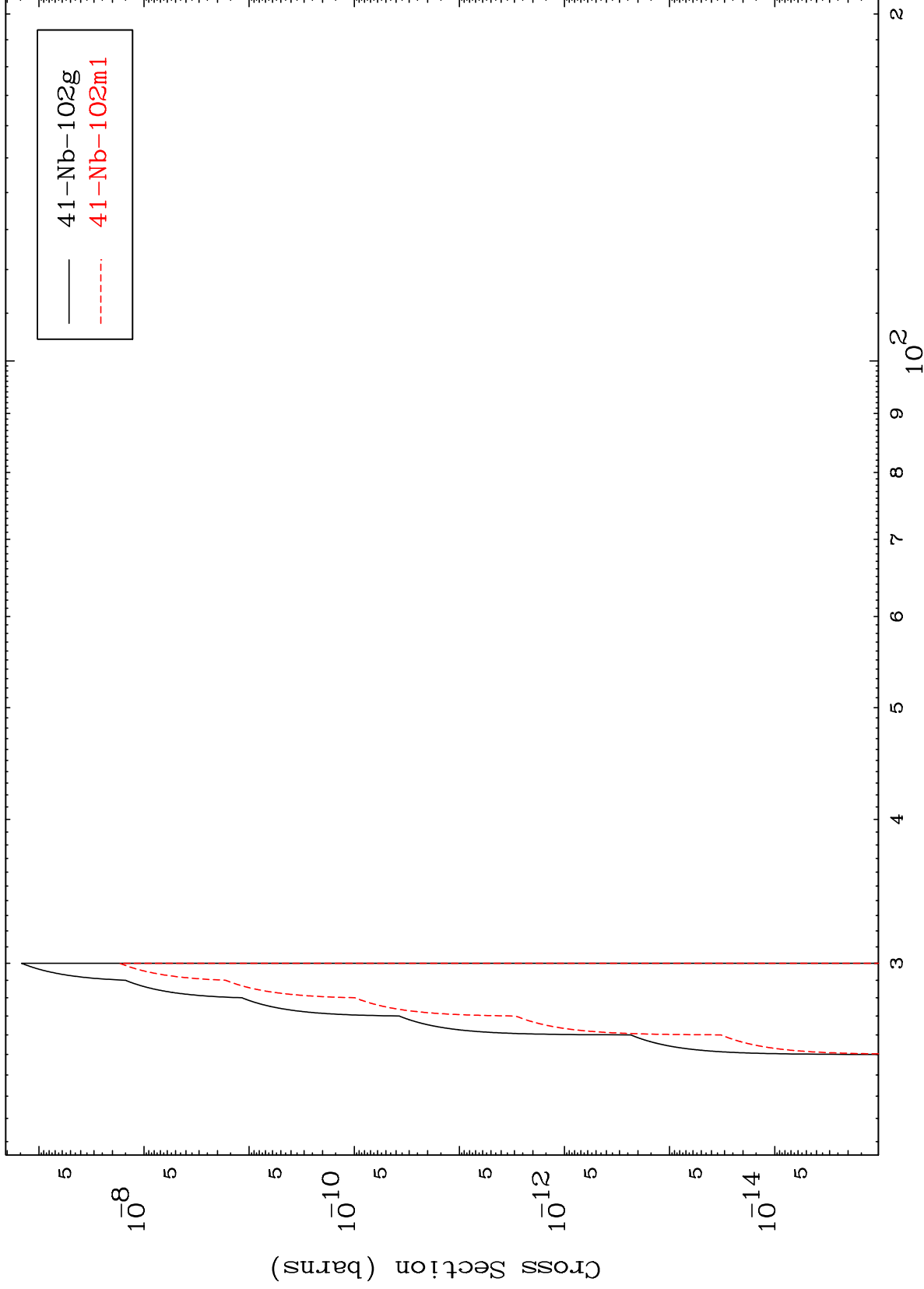
43-Tc-105

MAT 4343

(n,n') He-3

43-Tc-105

Radionuclide Production Cross Section



130

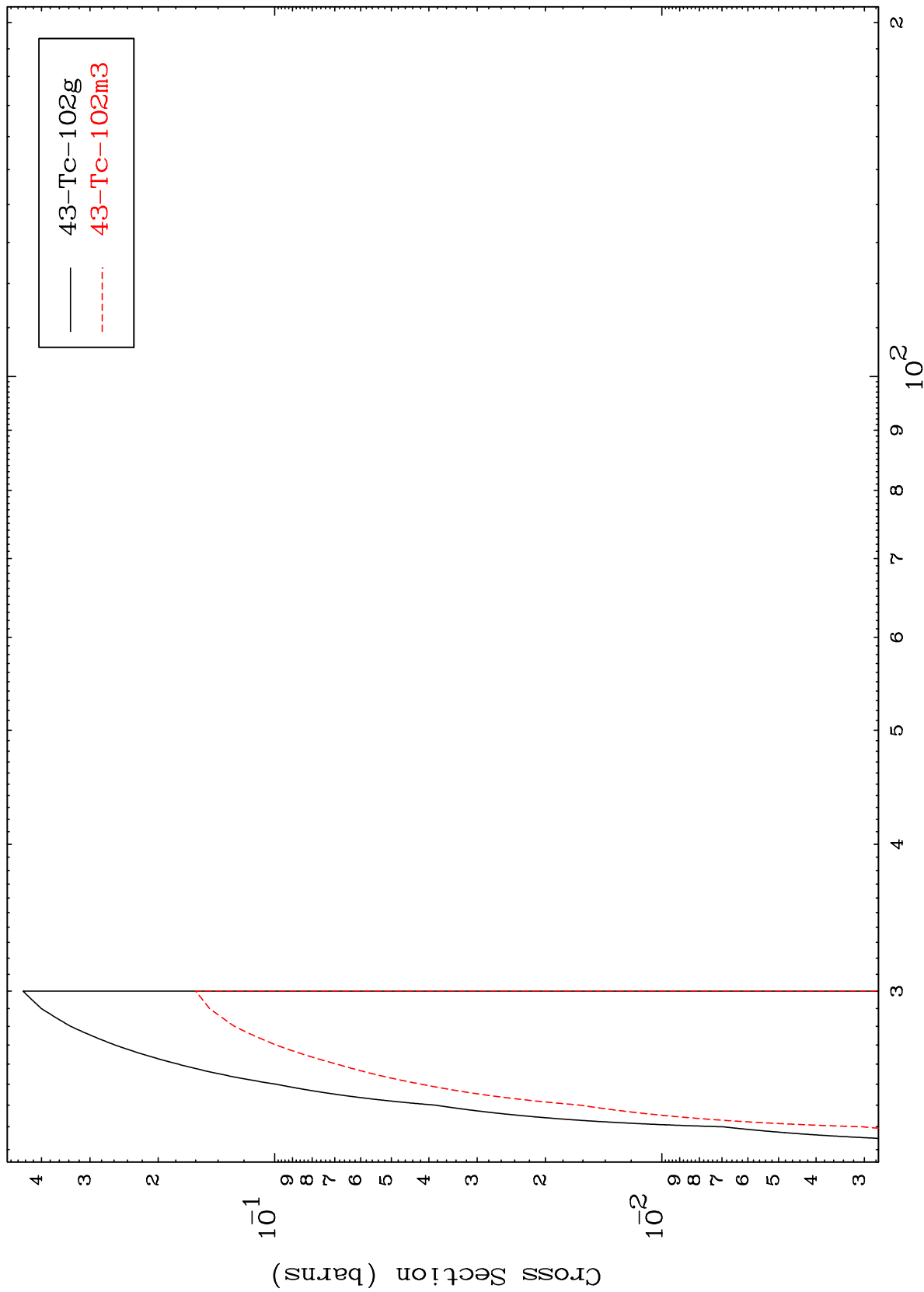
Incident Energy (MeV)

43-Tc-105

MAT 4343

43-Tc-105

(n,4n)  
Radionuclide Production Cross Section



43-Tc-102g  
43-Tc-102m3

43-Tc-105

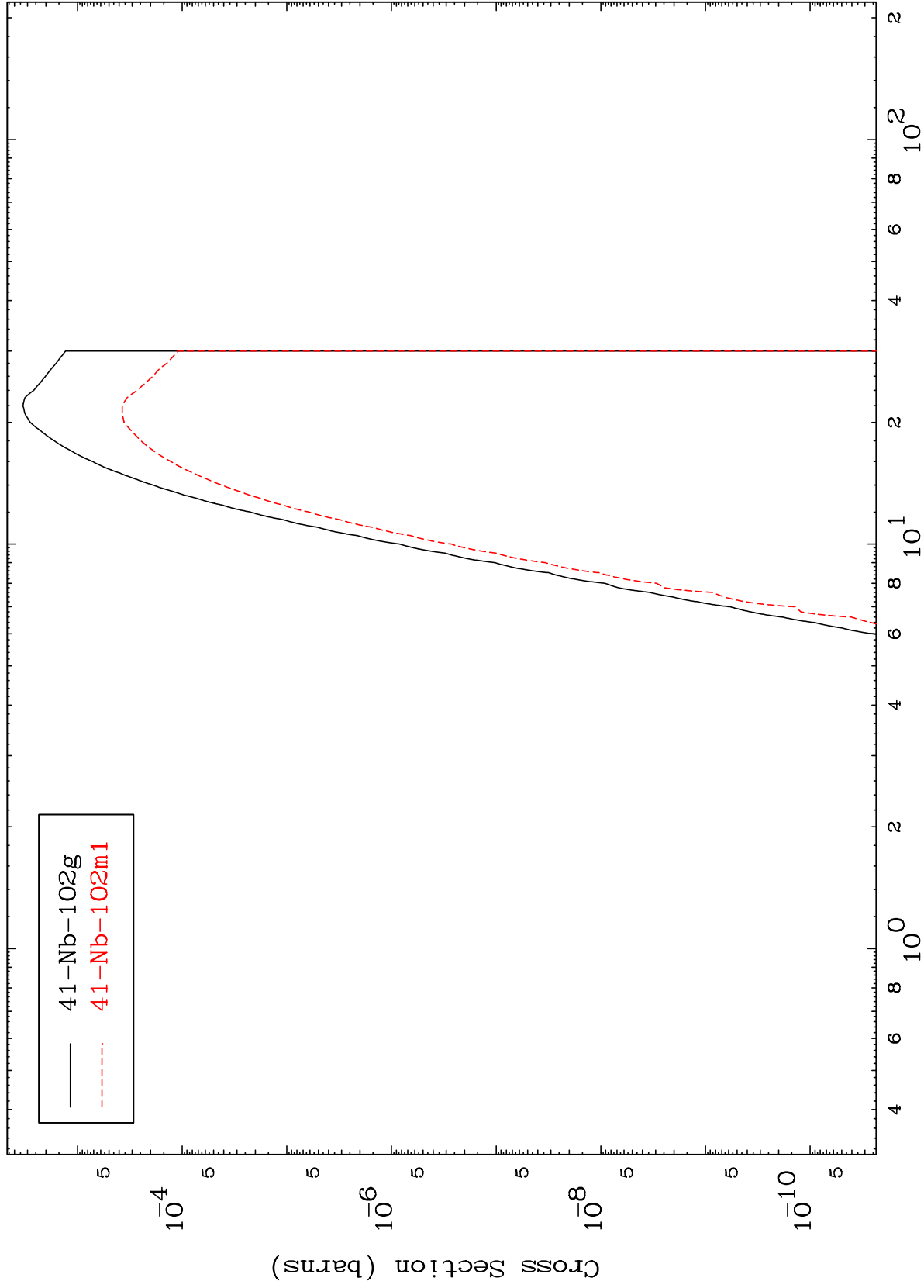
Incident Energy (MeV)

131

MAT 4343

43-Tc-105

Radionuclide Production Cross Section



132

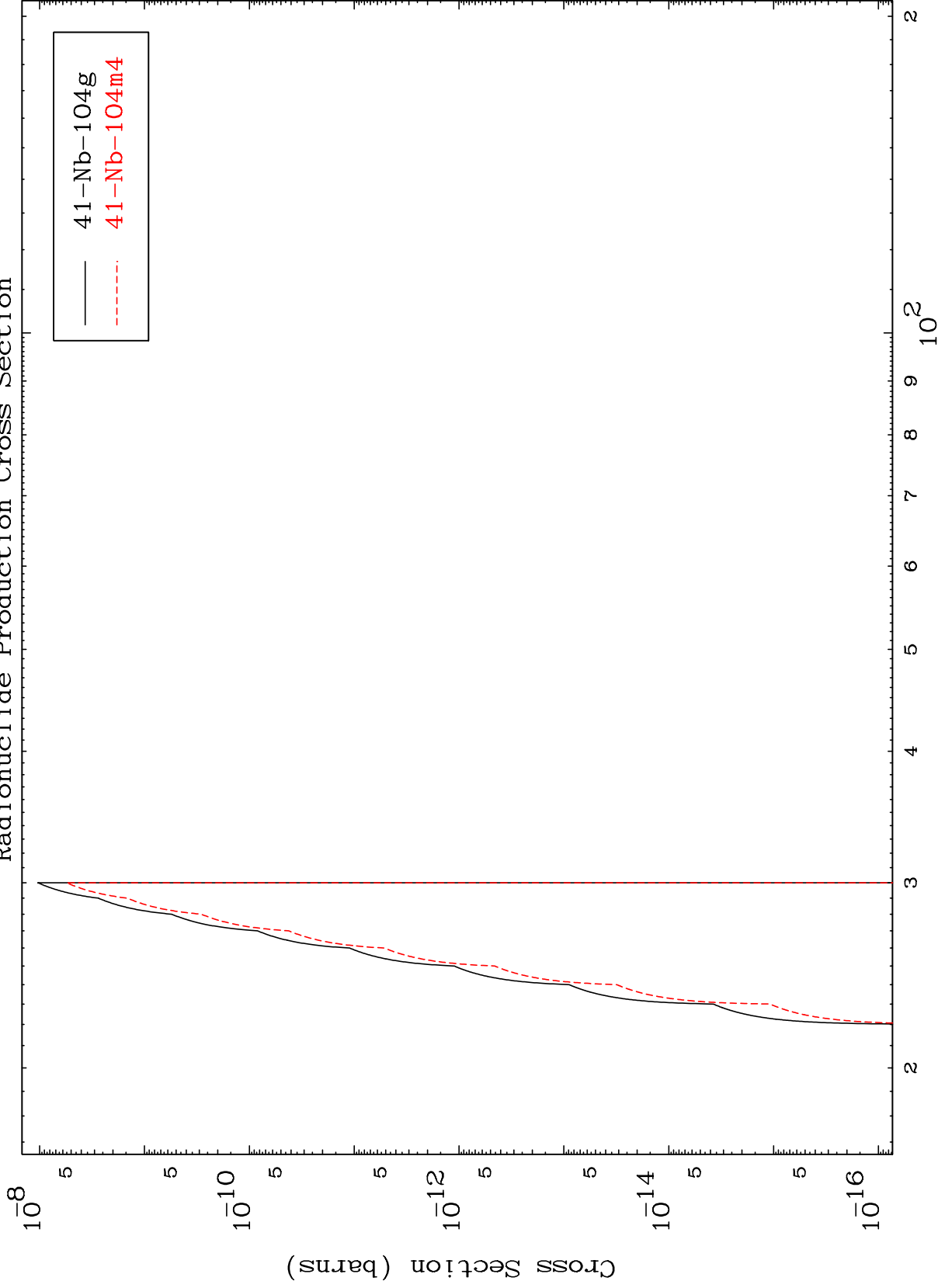
Incident Energy (MeV)

43-Tc-105

MAT 4343

43-Tc-105

(n,2p)  
Radionuclide Production Cross Section



133

Incident Energy (MeV)

43-Tc-105