

Program EVALPLOT  
(Version 2015-2)

by

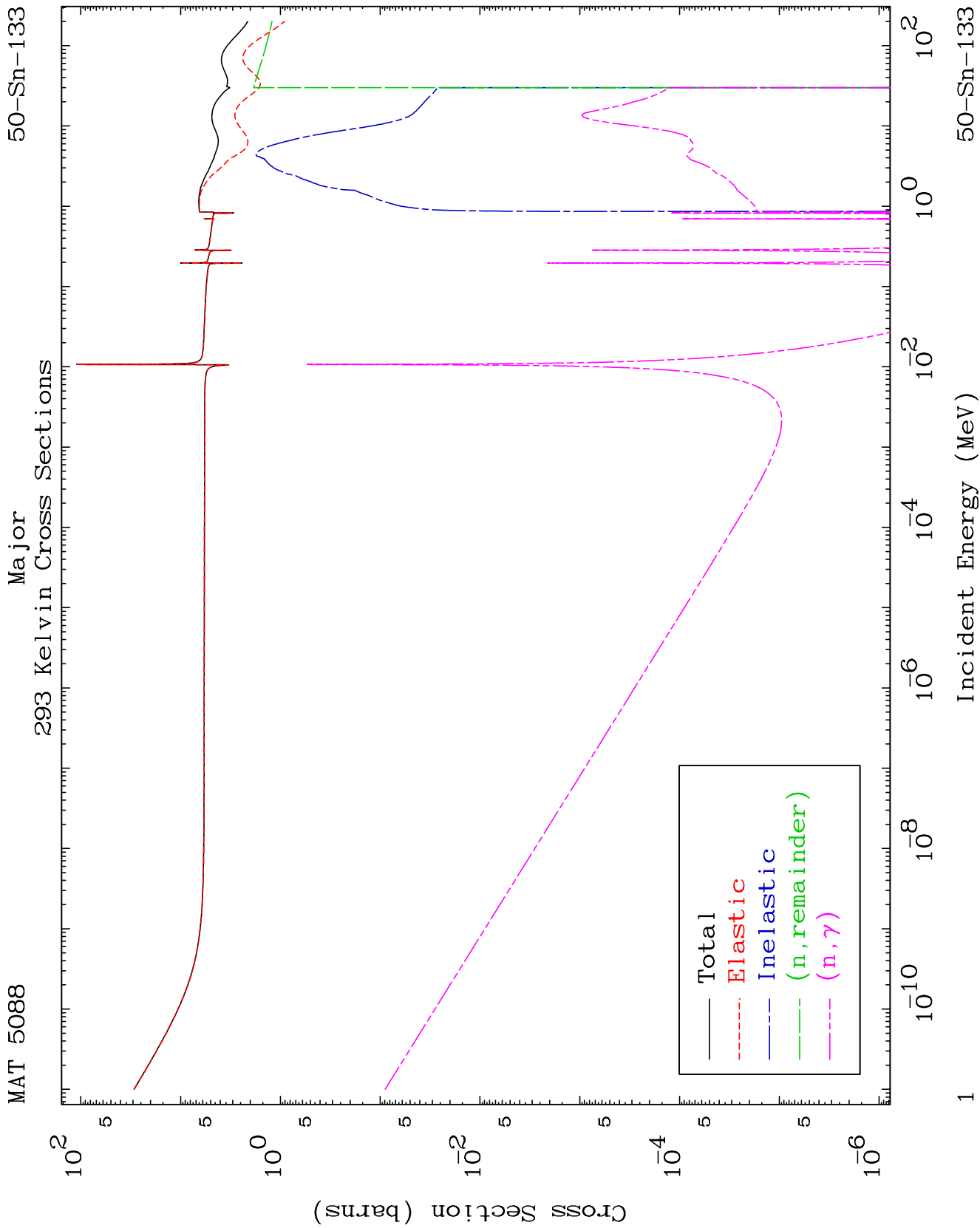
Dermott E. Cullen  
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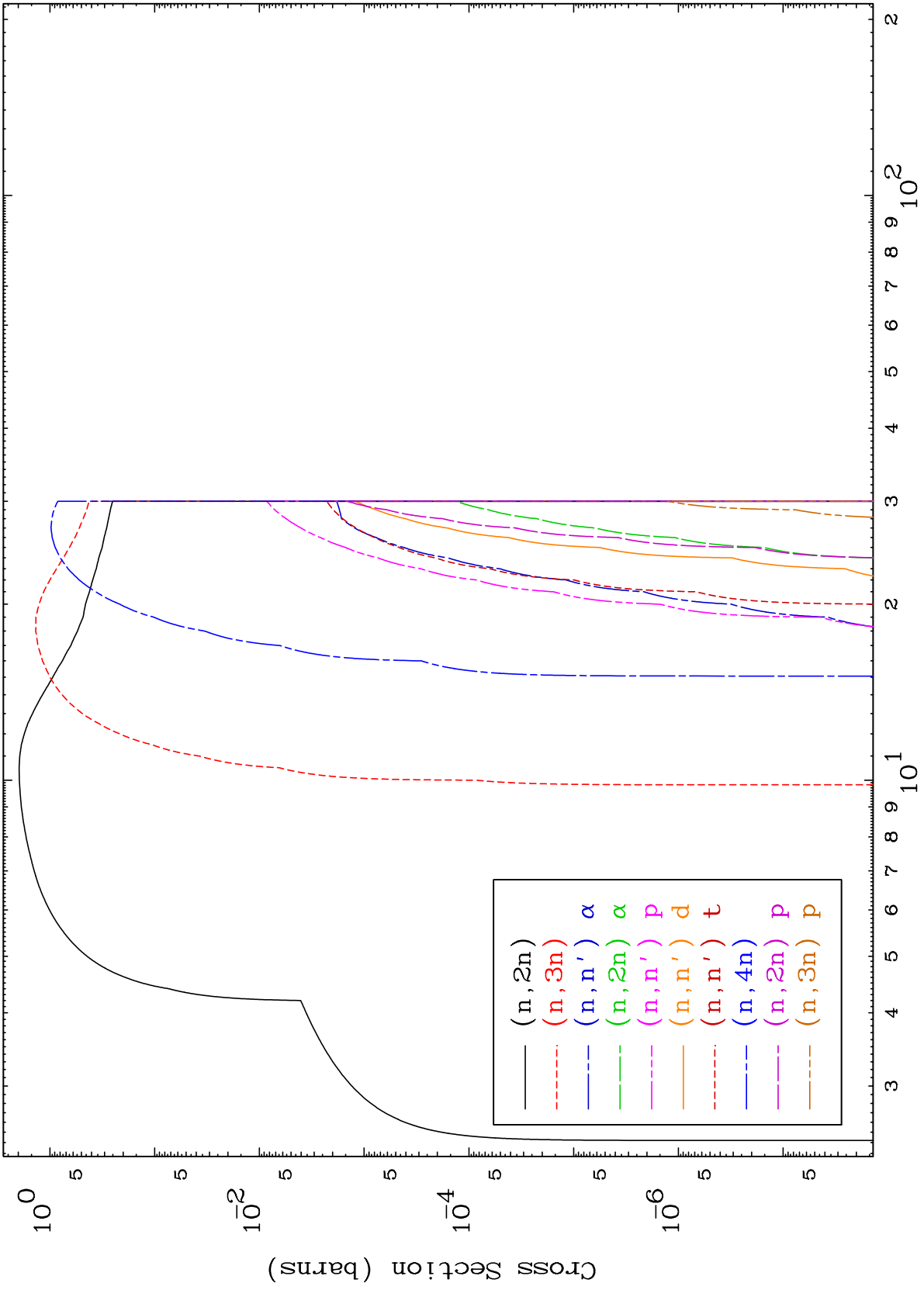
Press Mouse Button to Start



MAT 5088

Neutron Production  
293 Kelvin Cross Sections

50-Sn-133



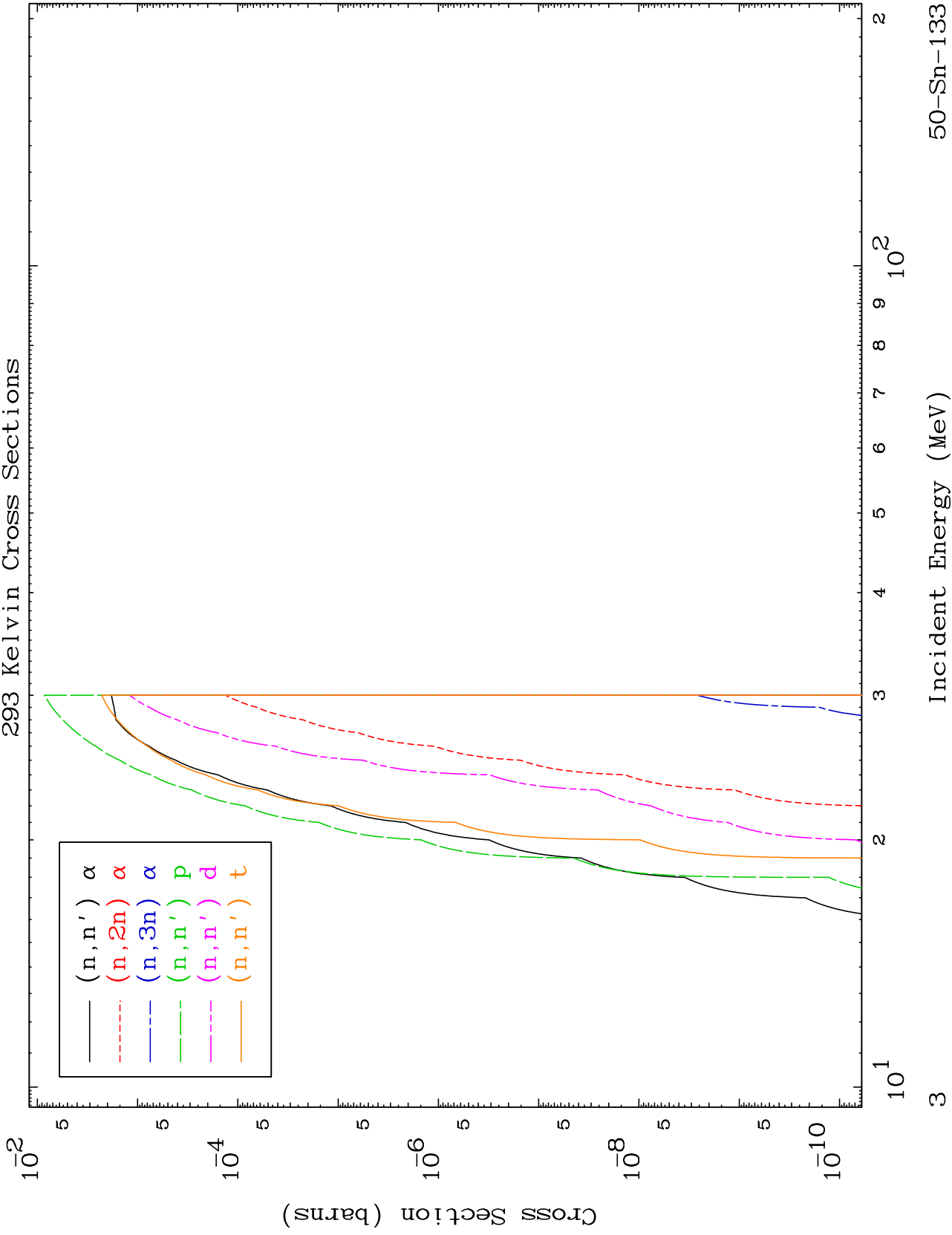
Incident Energy (MeV)

50-Sn-133

MAT 5088

Charged Particle  
293 Kelvin Cross Sections

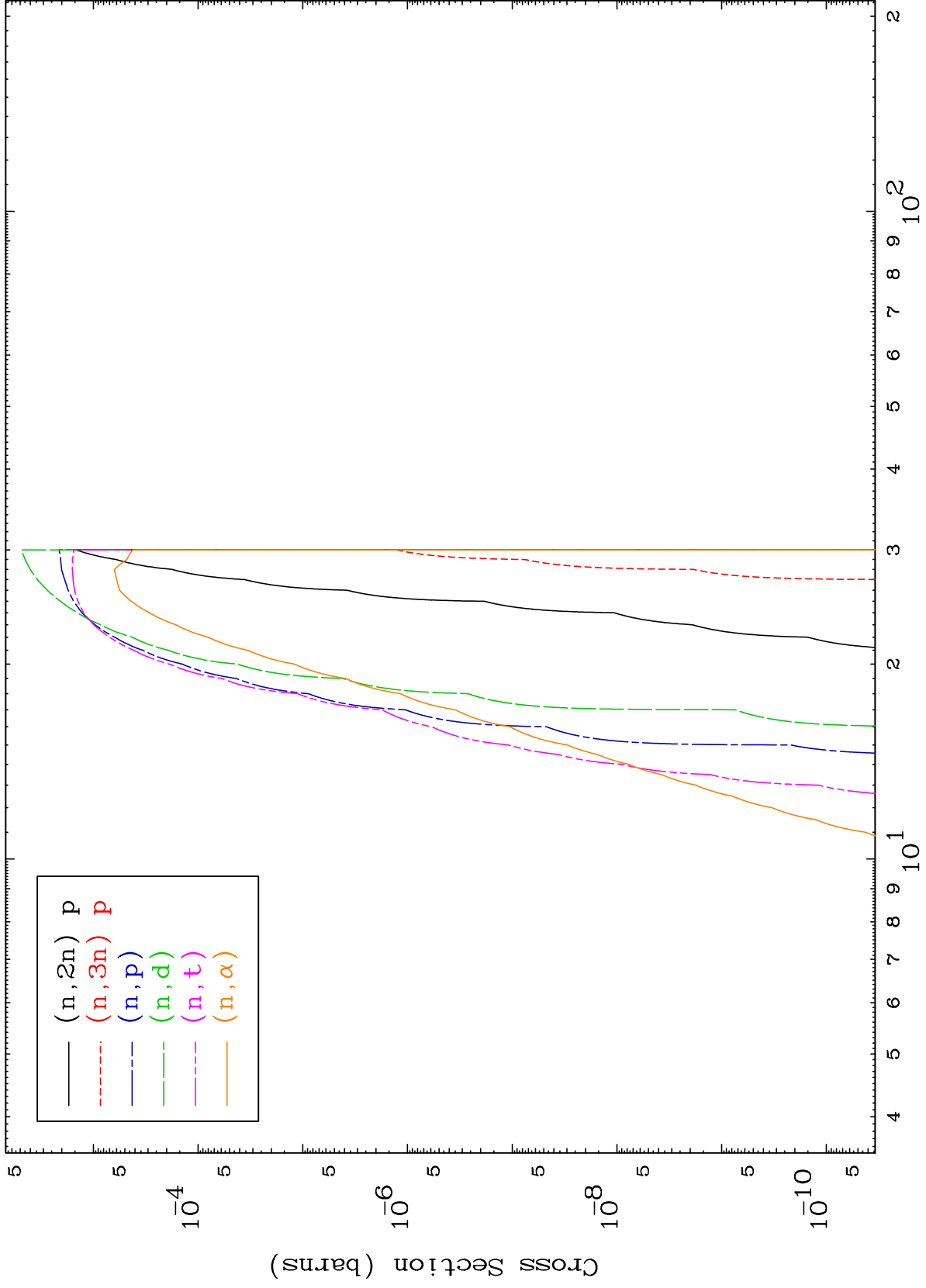
50-Sn-133



MAT 5088

Charged Particle  
293 Kelvin Cross Sections

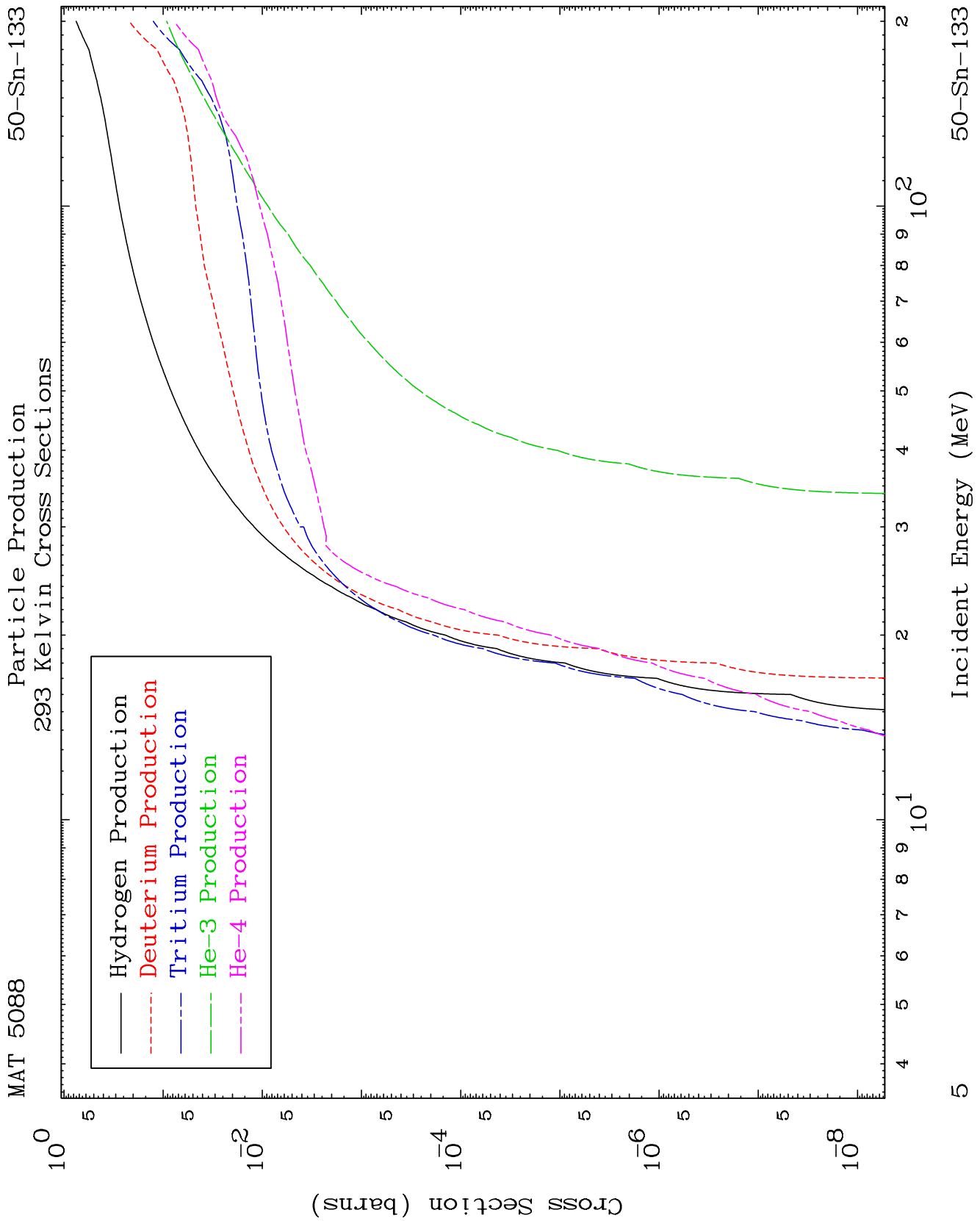
50-Sn-133



4

Incident Energy (MeV)

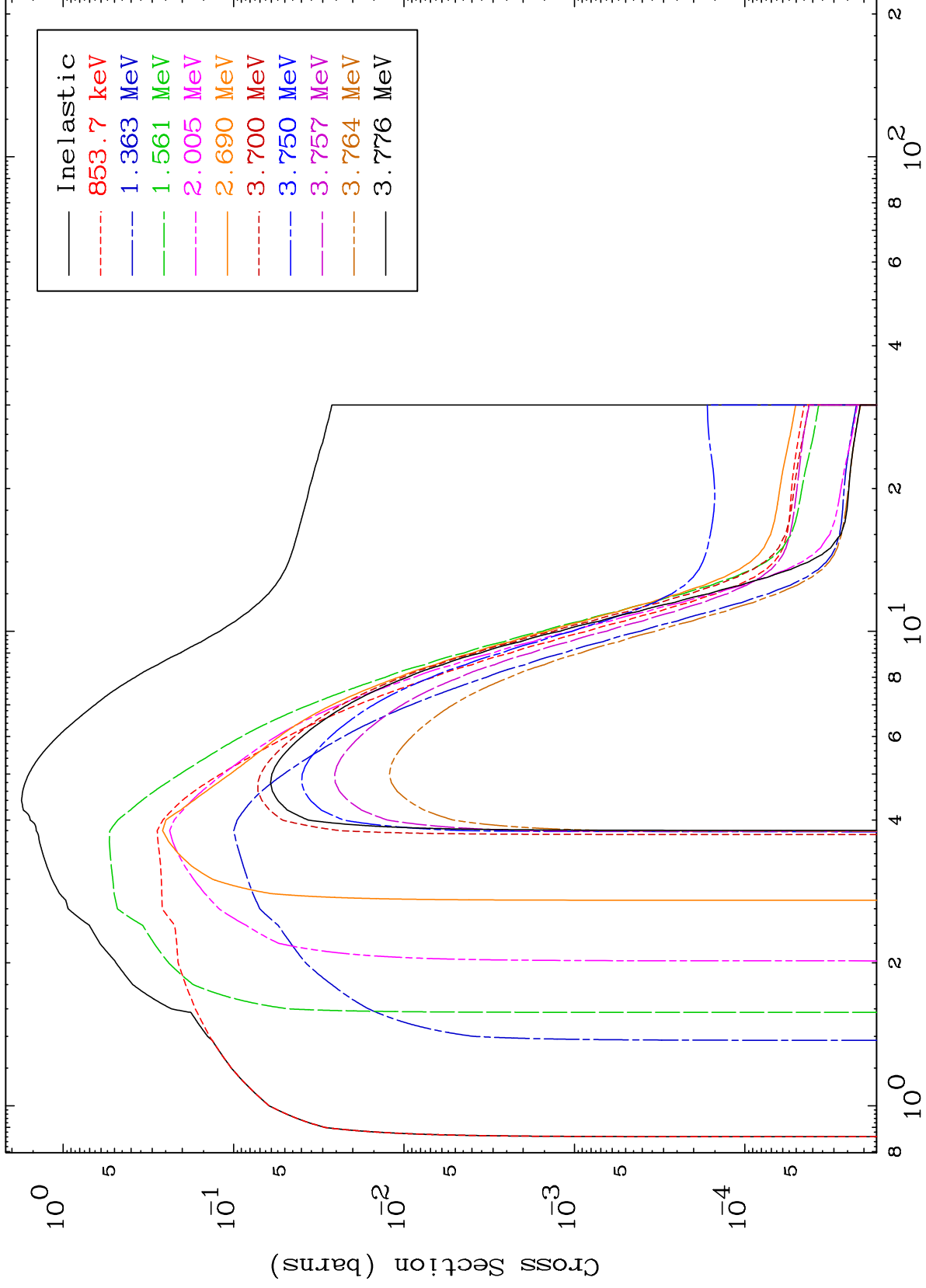
50-Sn-133



MAT 5088

(n,n') Level  
293 Kelvin Cross Sections

50-Sn-133



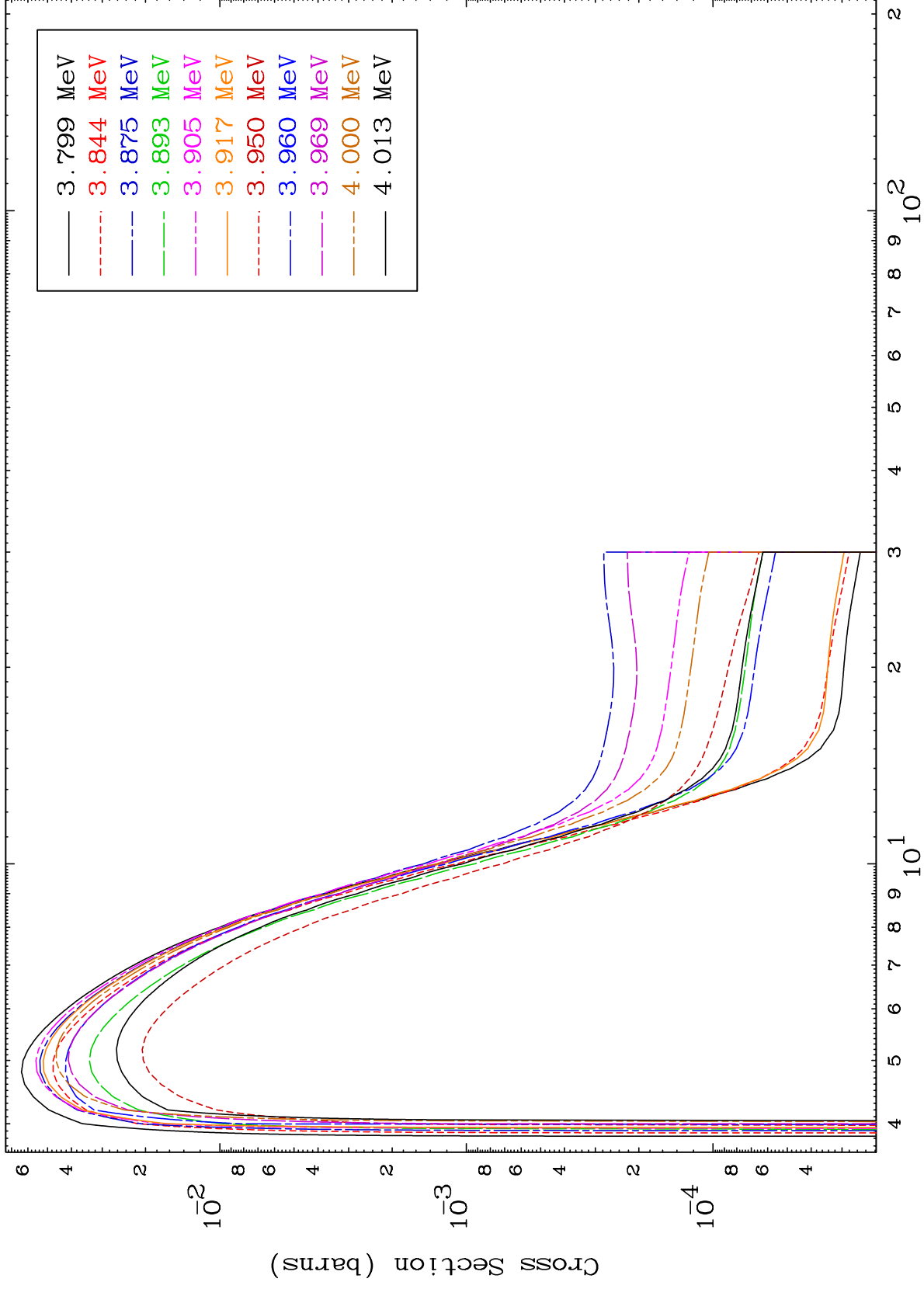
Incident Energy (MeV)

50-Sn-133

MAT 5088

(n,n') Level  
293 Kelvin Cross Sections

50-Sn-133



7

Incident Energy (MeV)

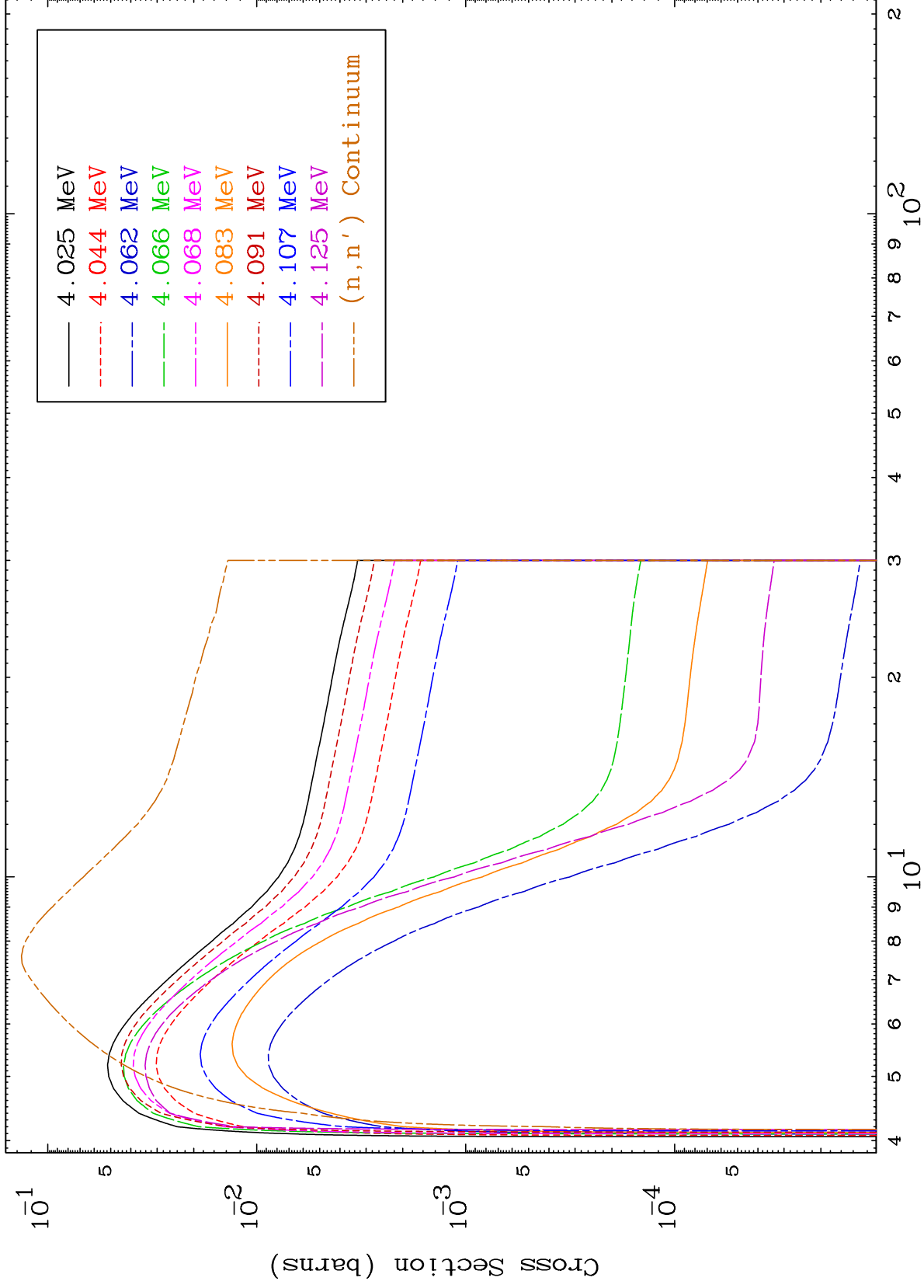
50-Sn-133



MAT 5088

(n,n') Level  
293 Kelvin Cross Sections

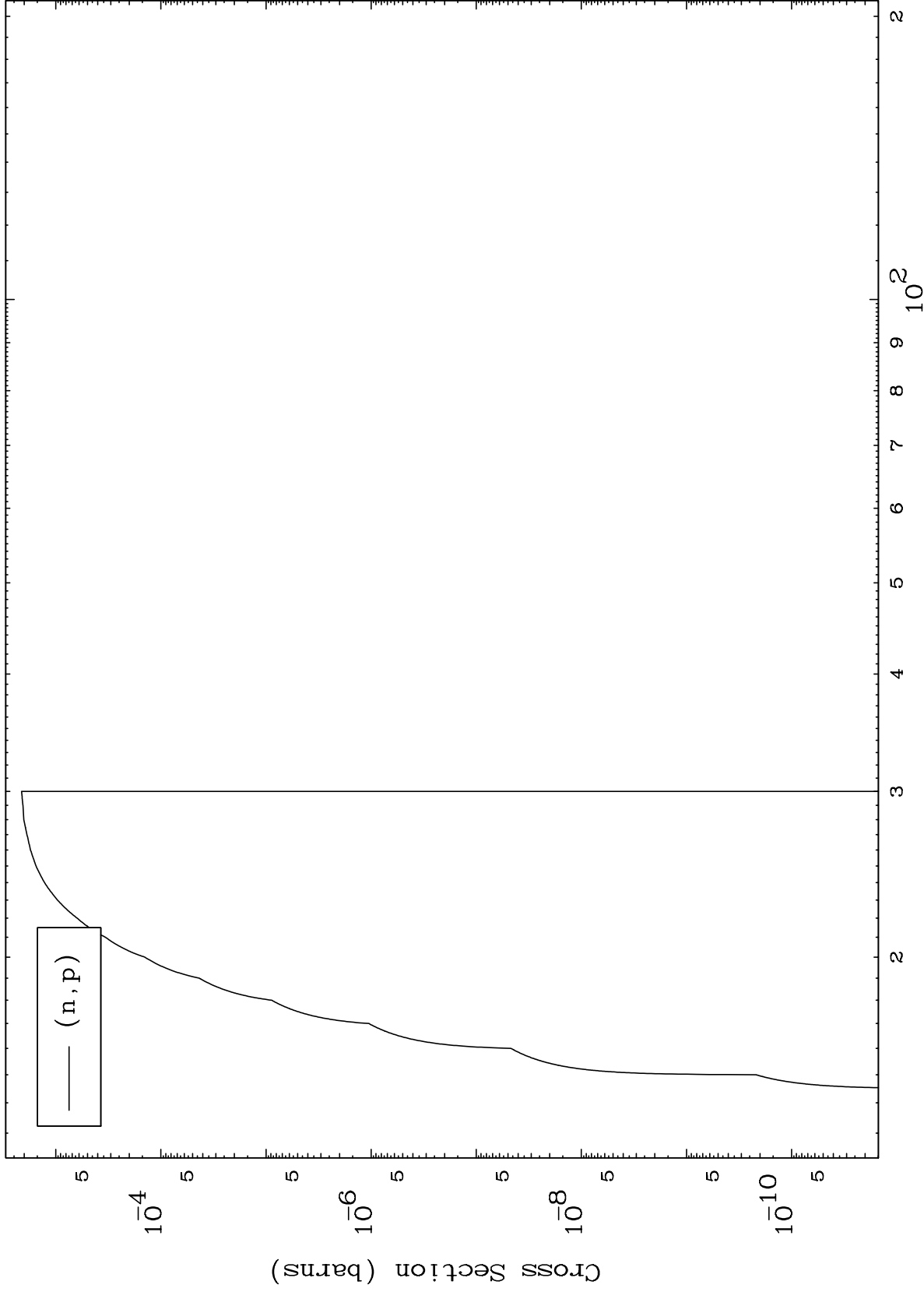
50-Sn-133



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Incident Energy (MeV)

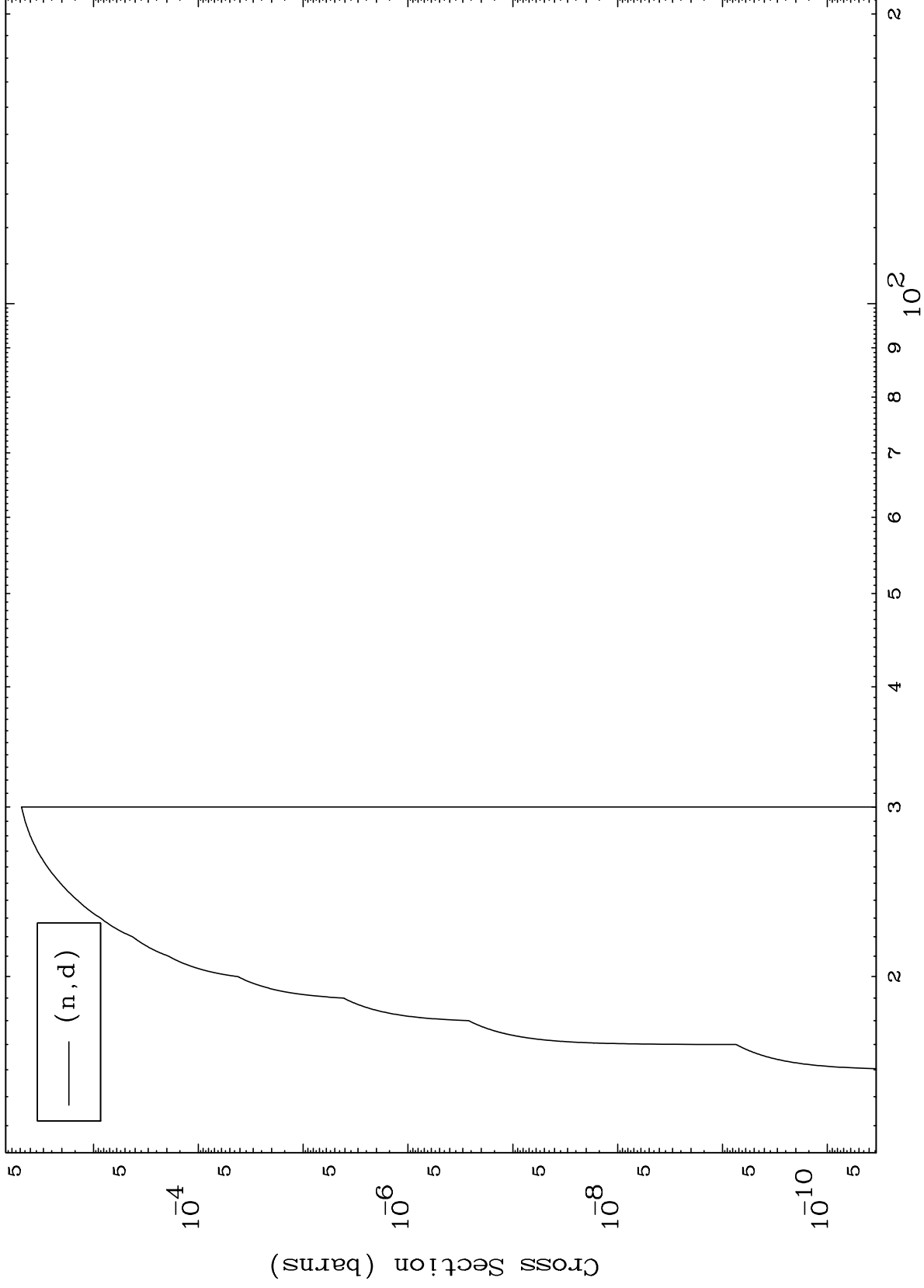
50-Sn-133



MAT 5088

(n,d) Levels  
293 Kelvin Cross Sections

50-Sn-133



10

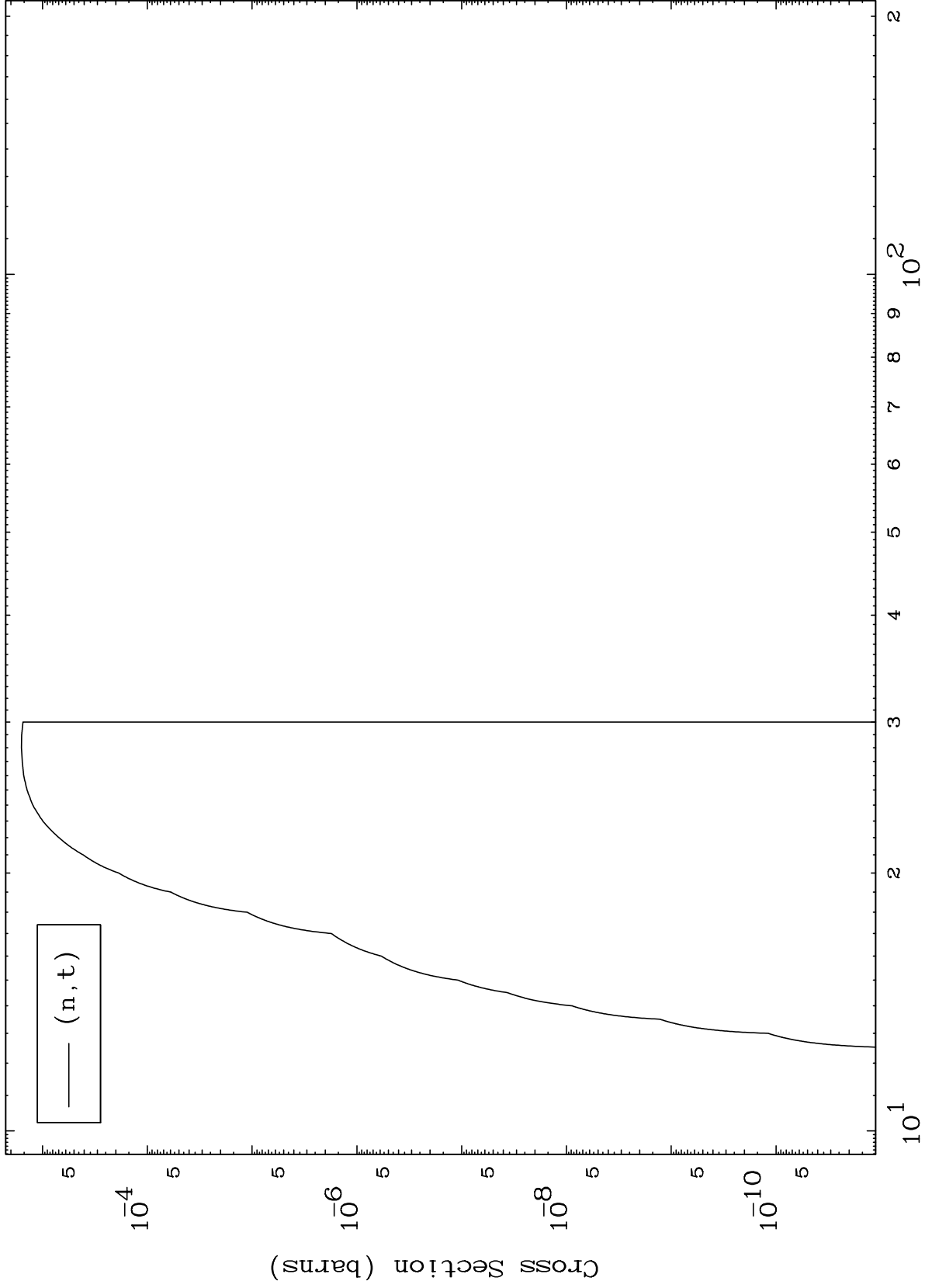
Incident Energy (MeV)

50-Sn-133

MAT 5088

(n,t) Levels  
293 Kelvin Cross Sections

50-Sn-133



11

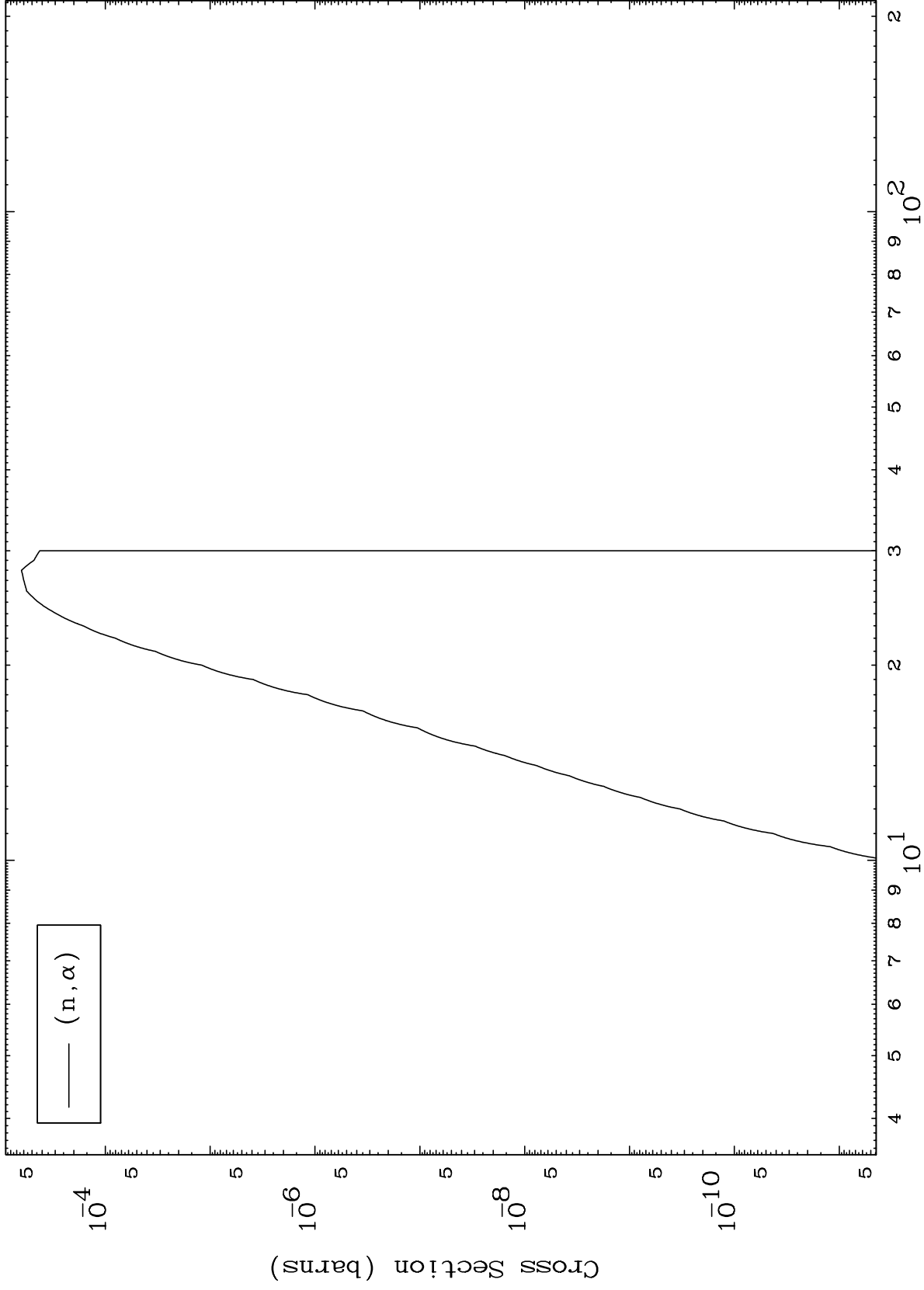
Incident Energy (MeV)

50-Sn-133

MAT 5088

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

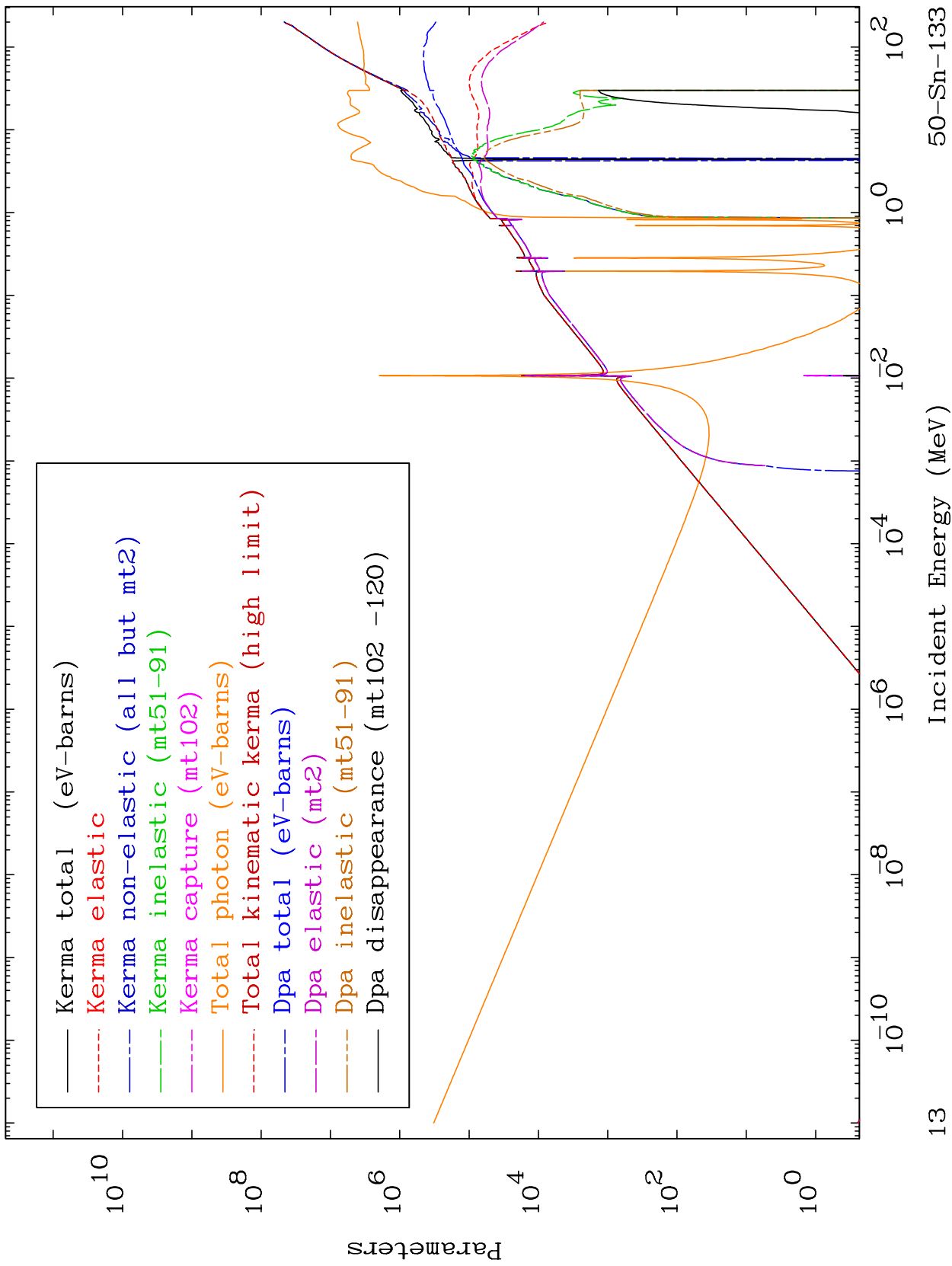
50-Sn-133



12

Incident Energy (MeV)

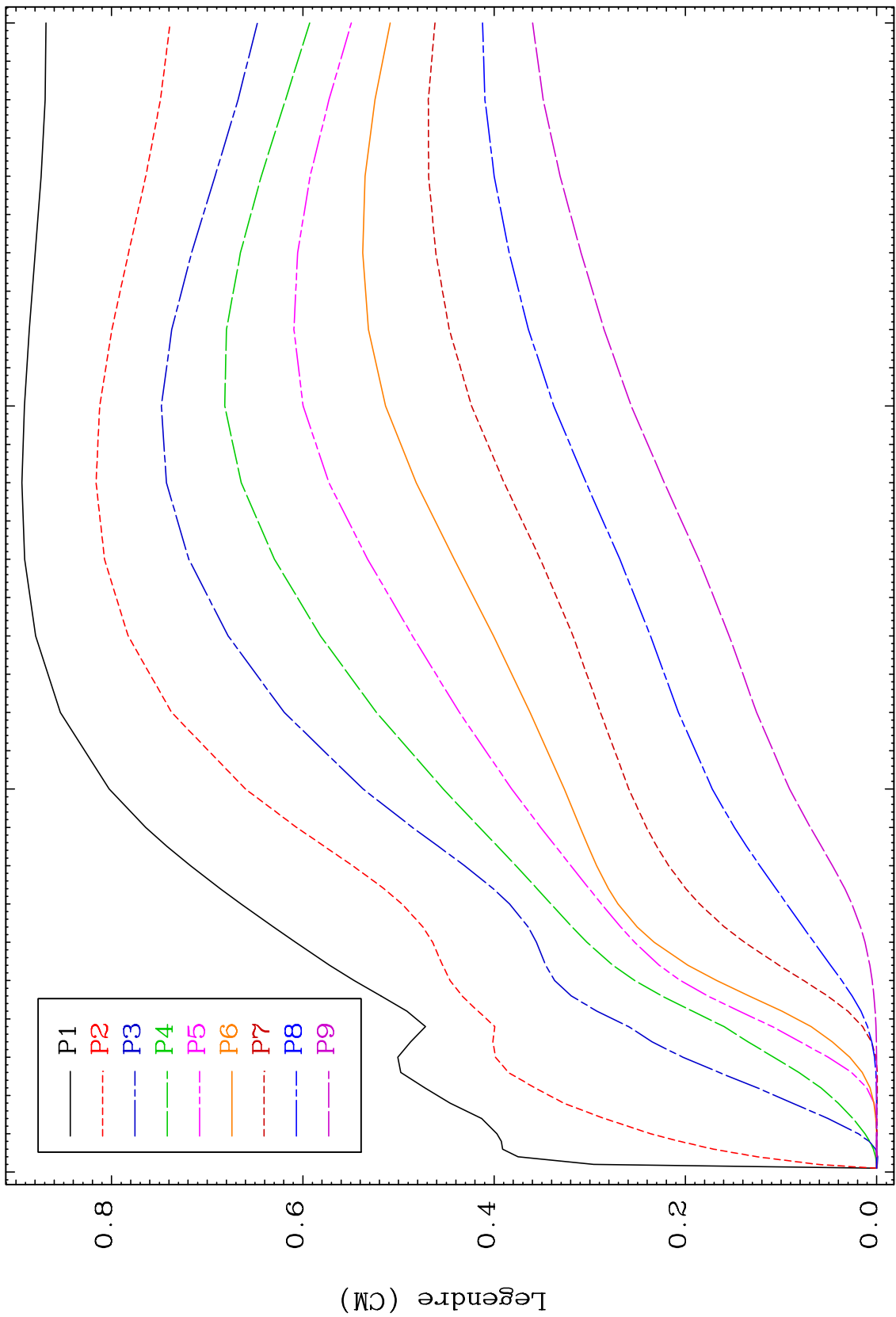
50-Sn-133



MAT 5088

Elastic Legendre Coefficients

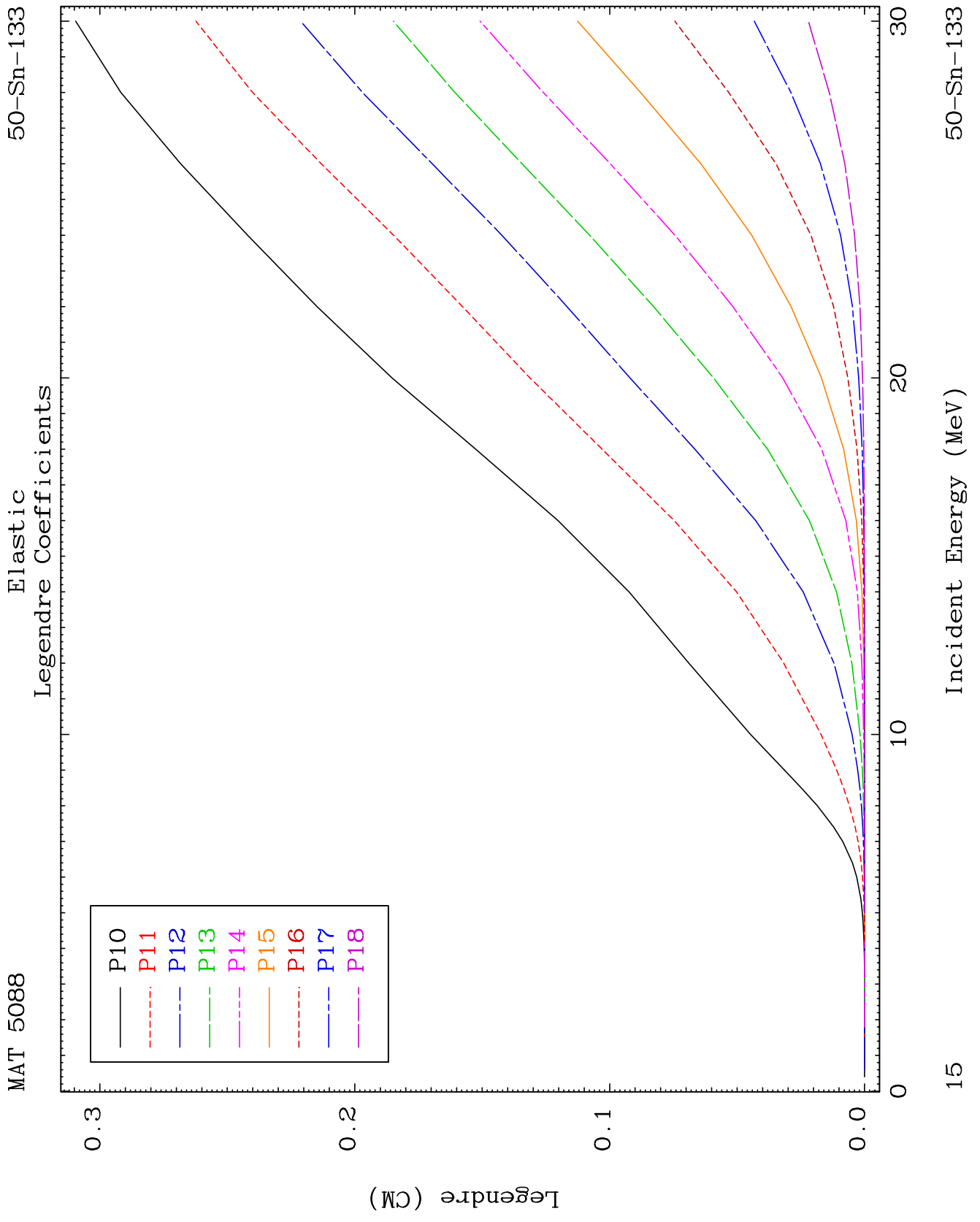
50-Sn-133



14

Incident Energy (MeV)

50-Sn-133

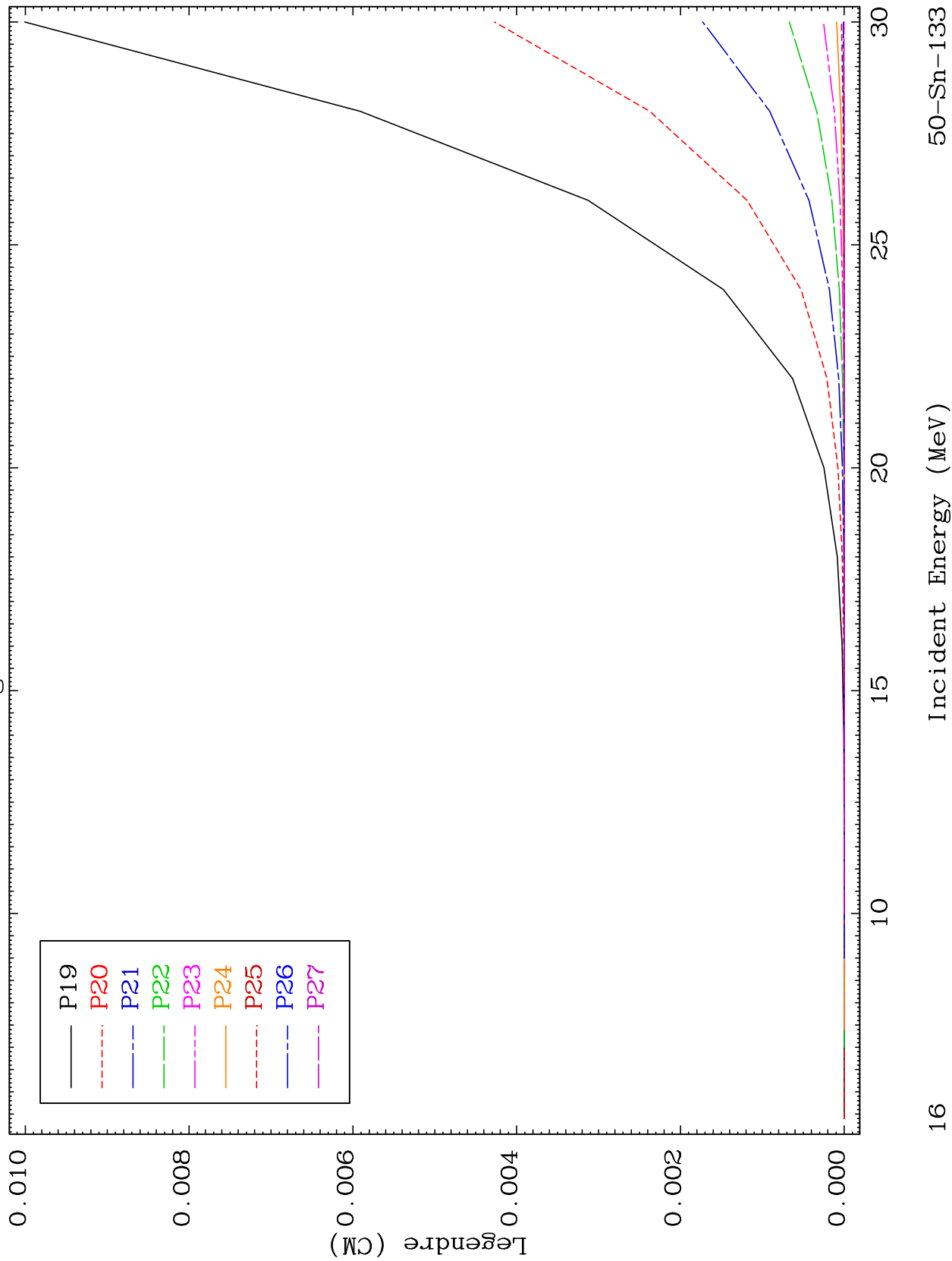




MAT 5088

Elastic Legendre Coefficients

50-Sn-133



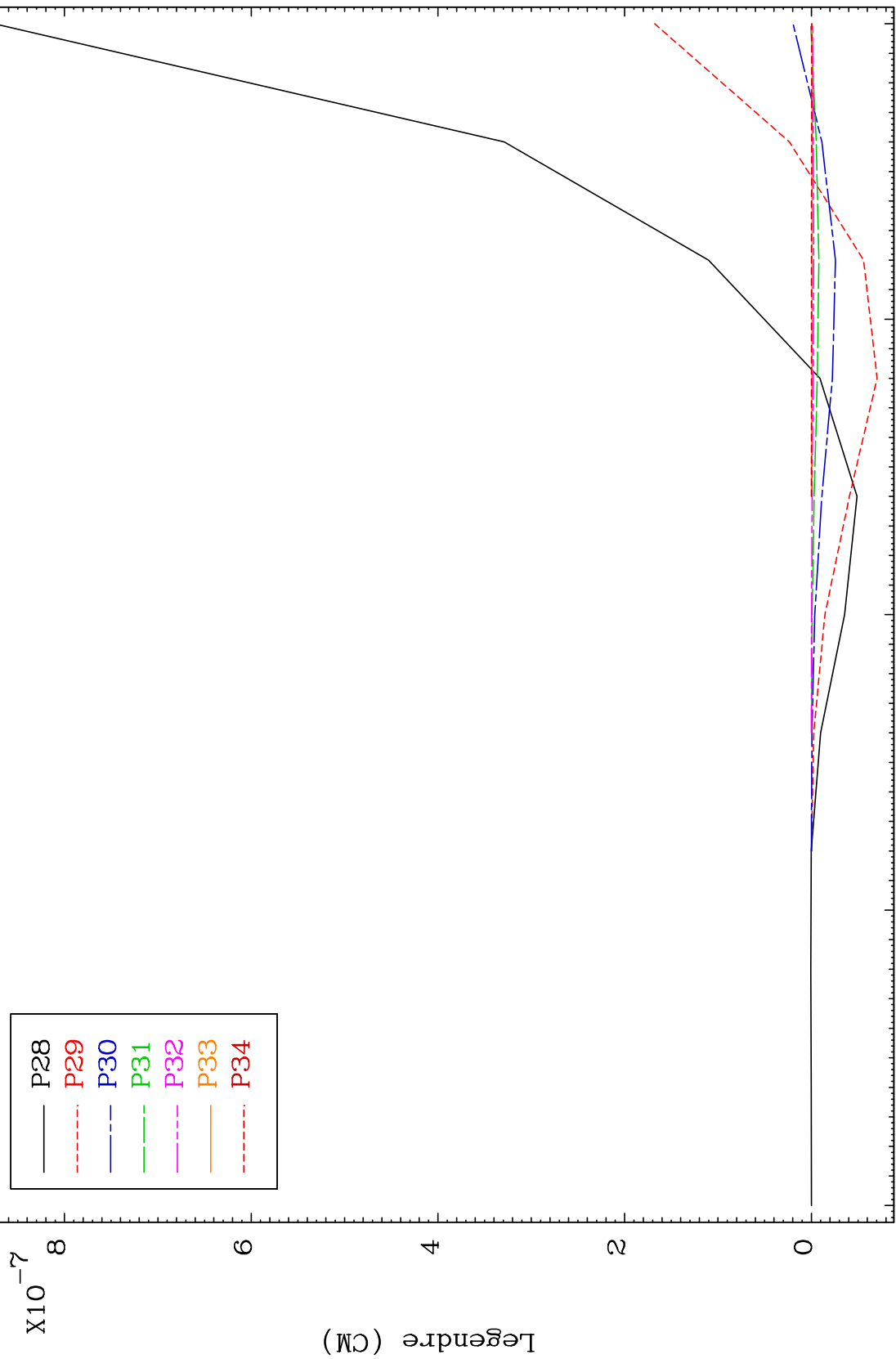
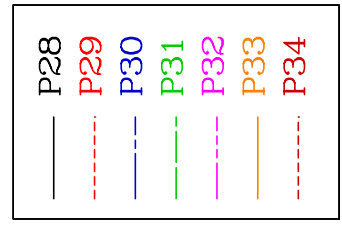
16

50-Sn-133

MAT 5088

Elastic Legendre Coefficients

50-Sn-133



17

Incident Energy (MeV)

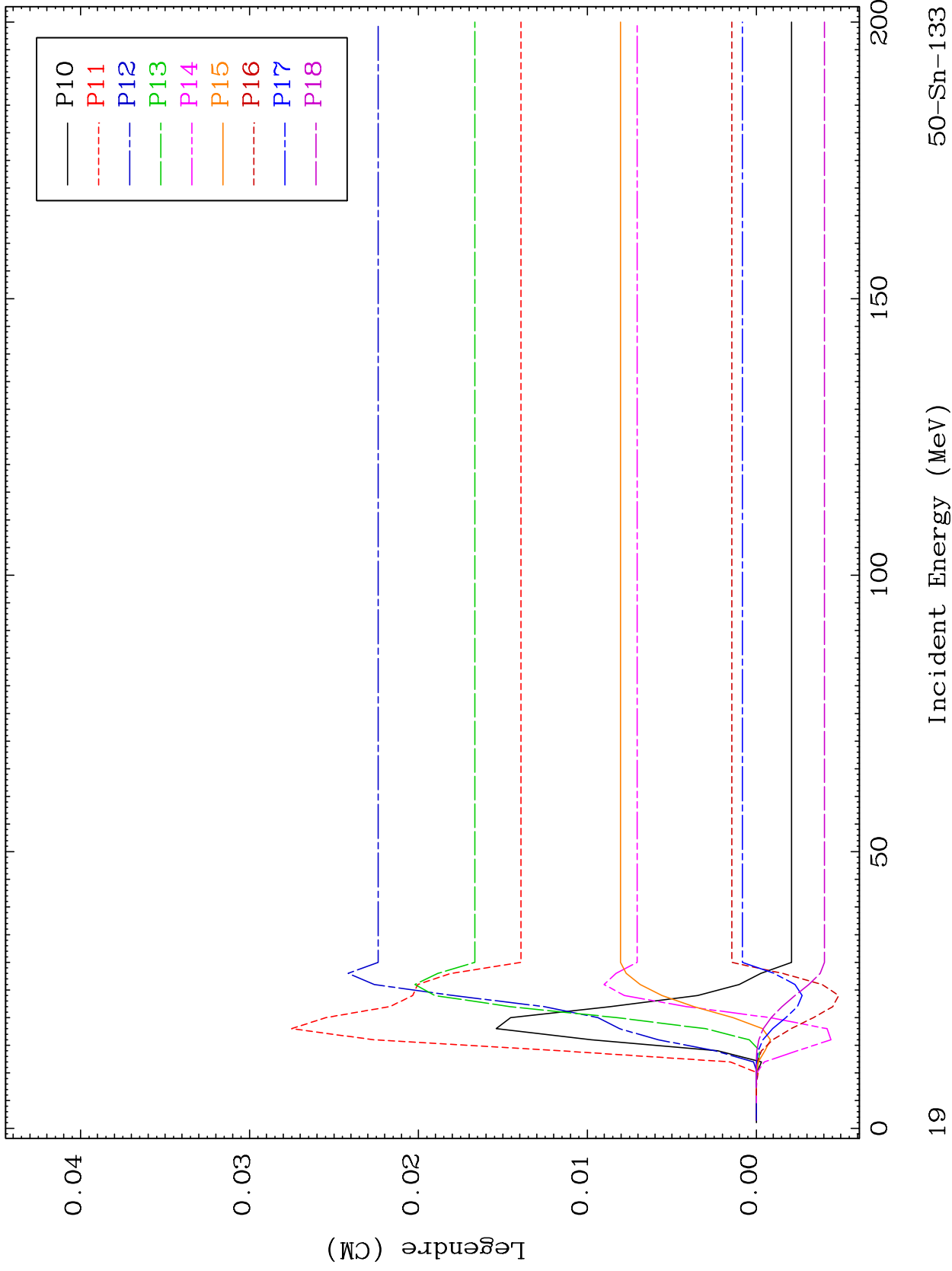
50-Sn-133



MAT 5088

853.7 keV (n,n') Level  
Legendre Coefficients

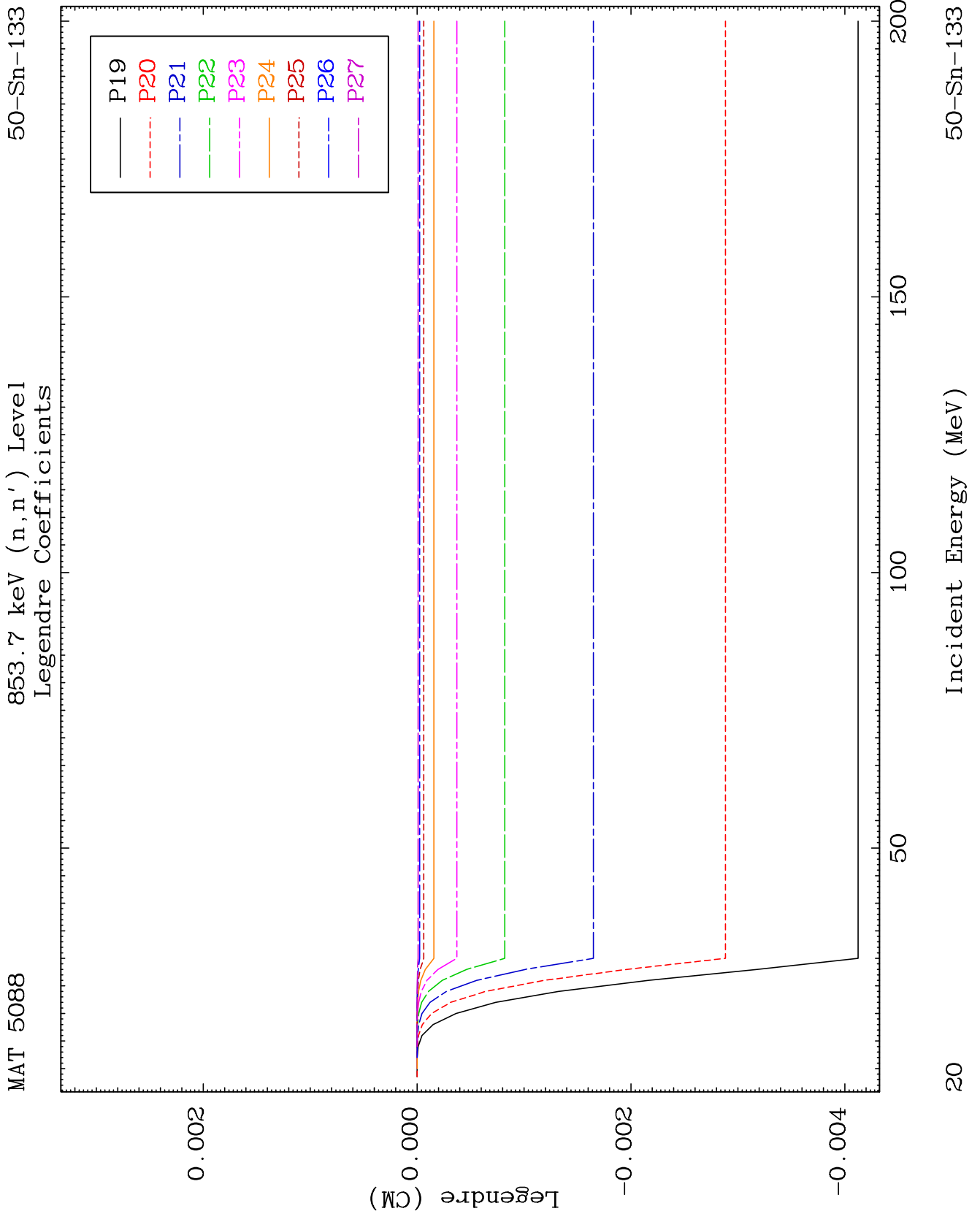
50-Sn-133

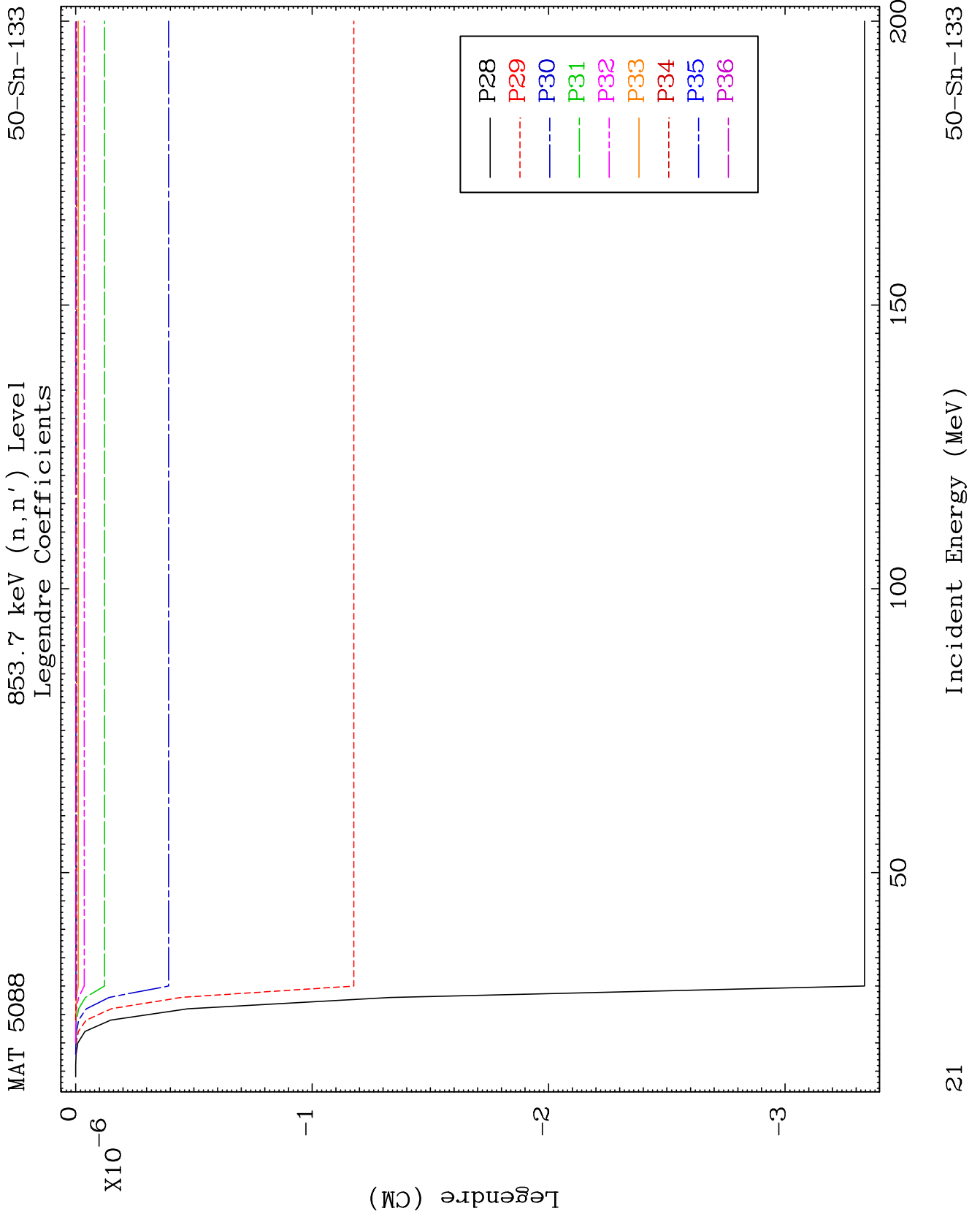


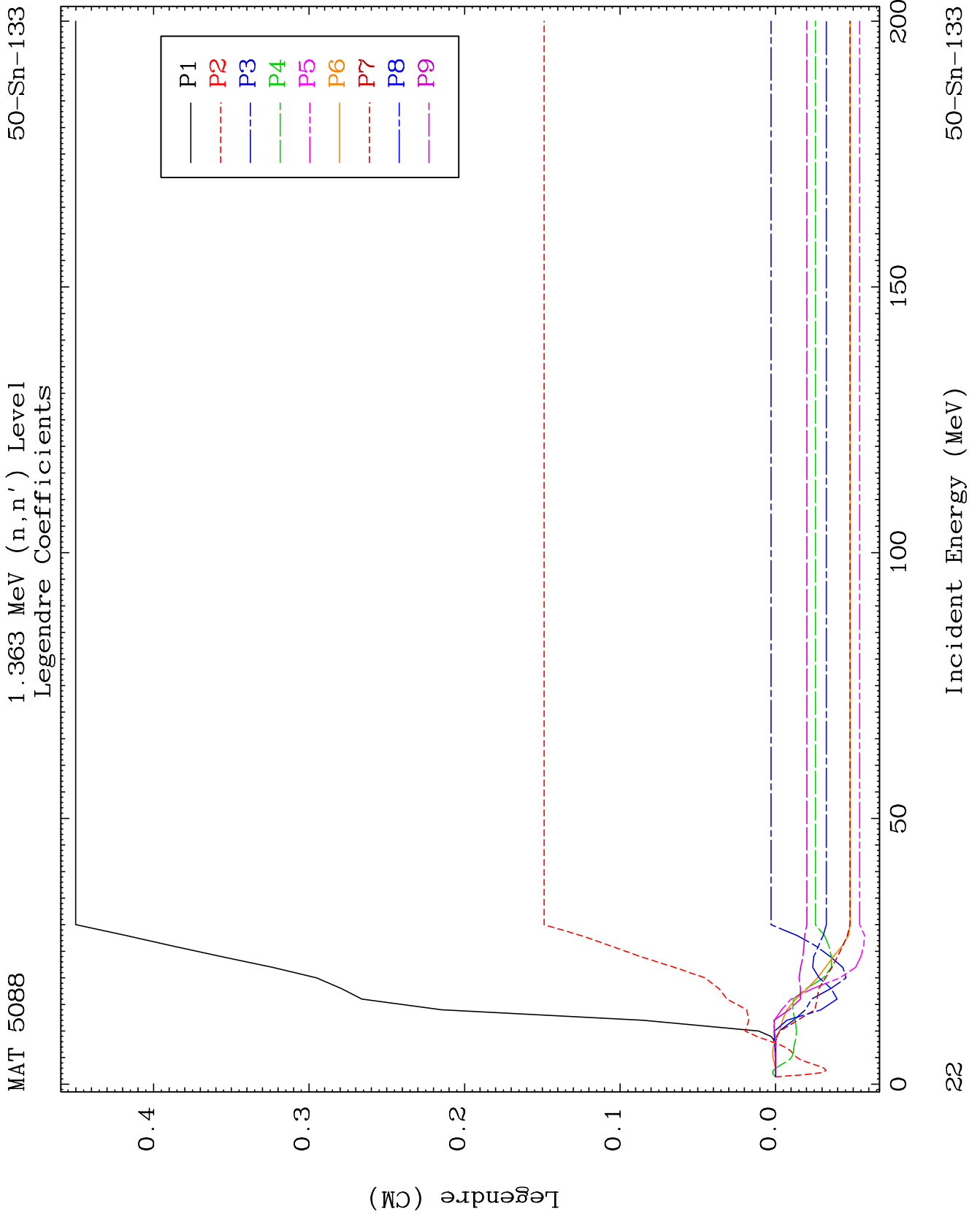
19

Incident Energy (MeV)

50-Sn-133







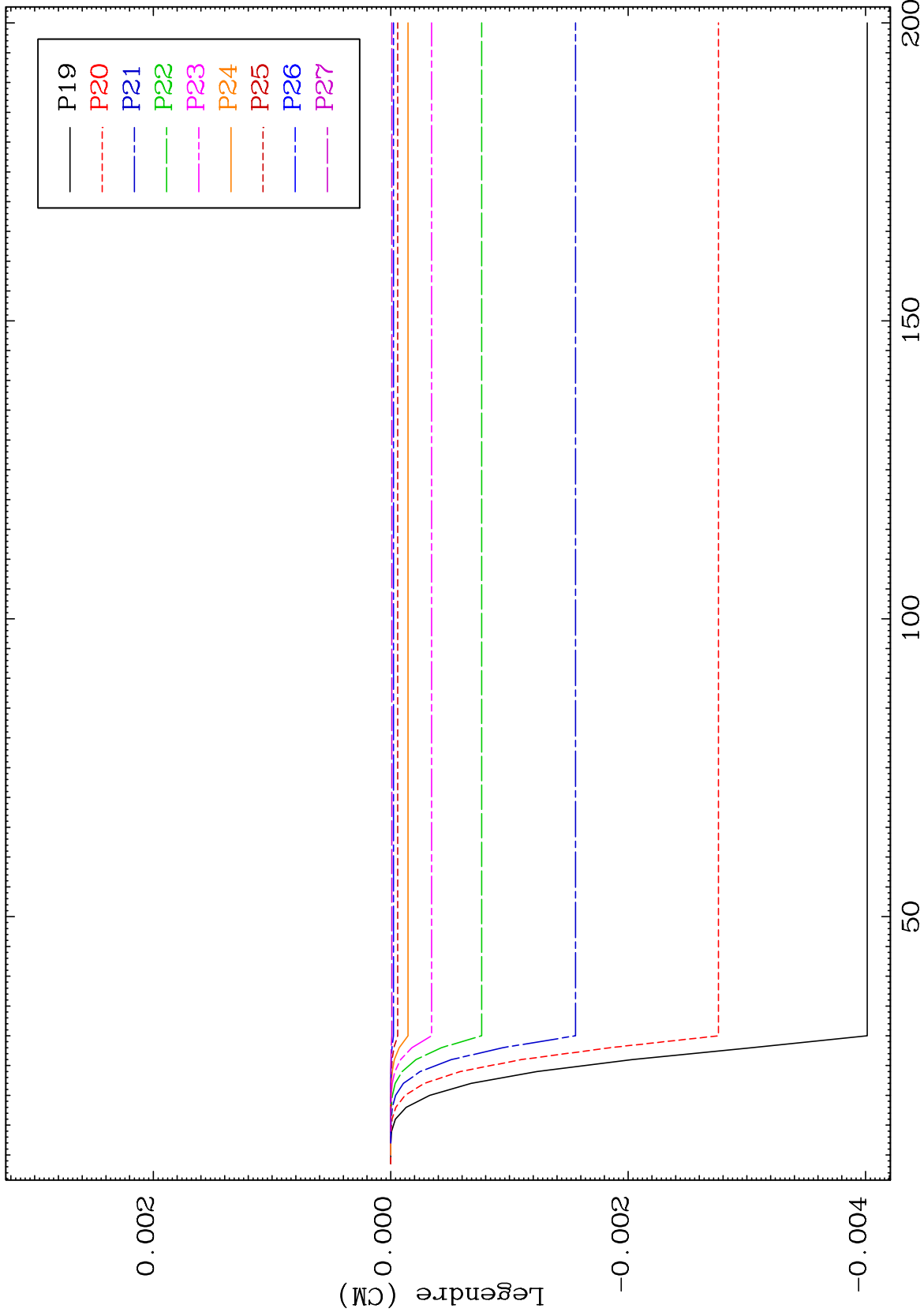




MAT 5088

1.363 MeV (n,n') Level  
Legendre Coefficients

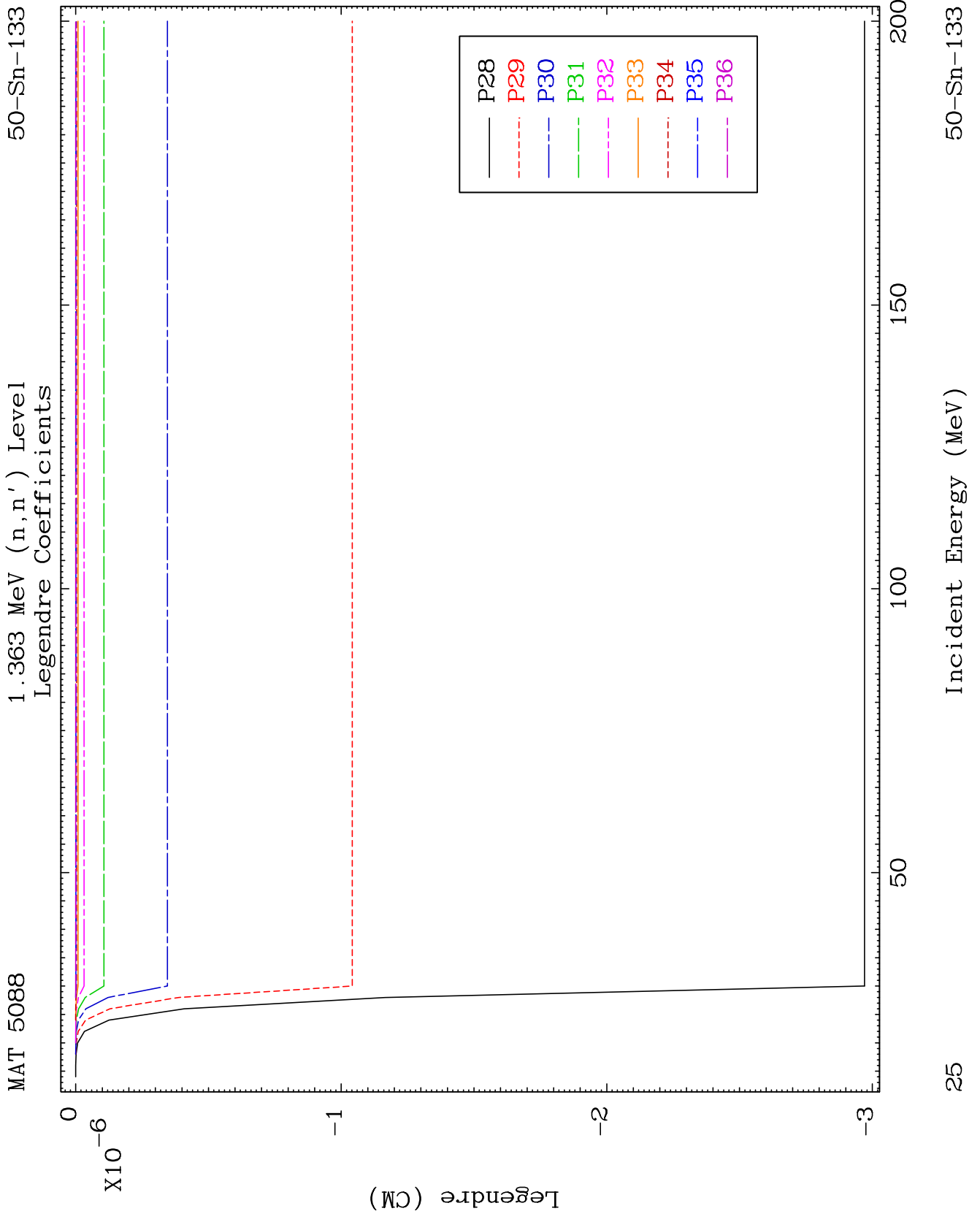
50-Sn-133

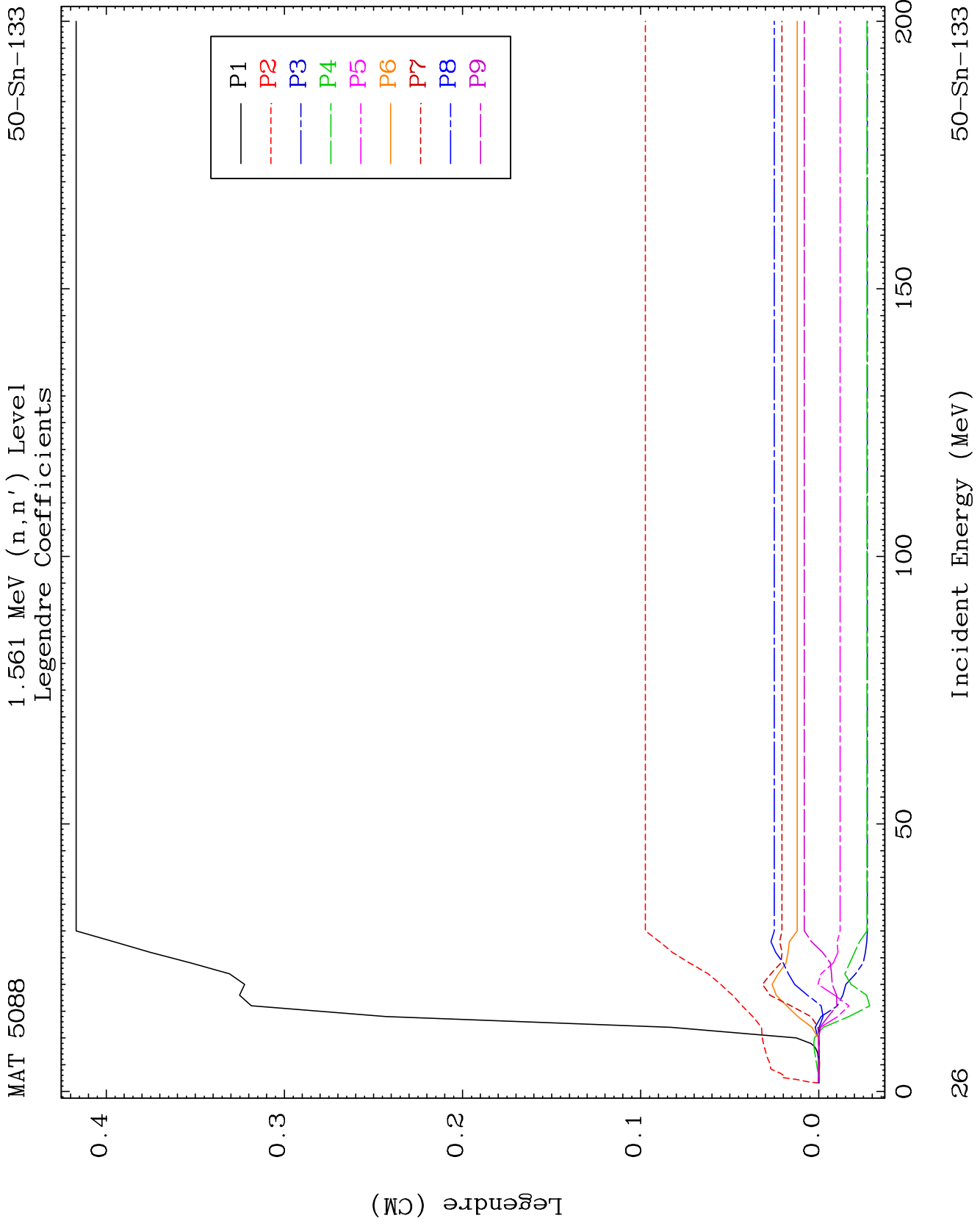


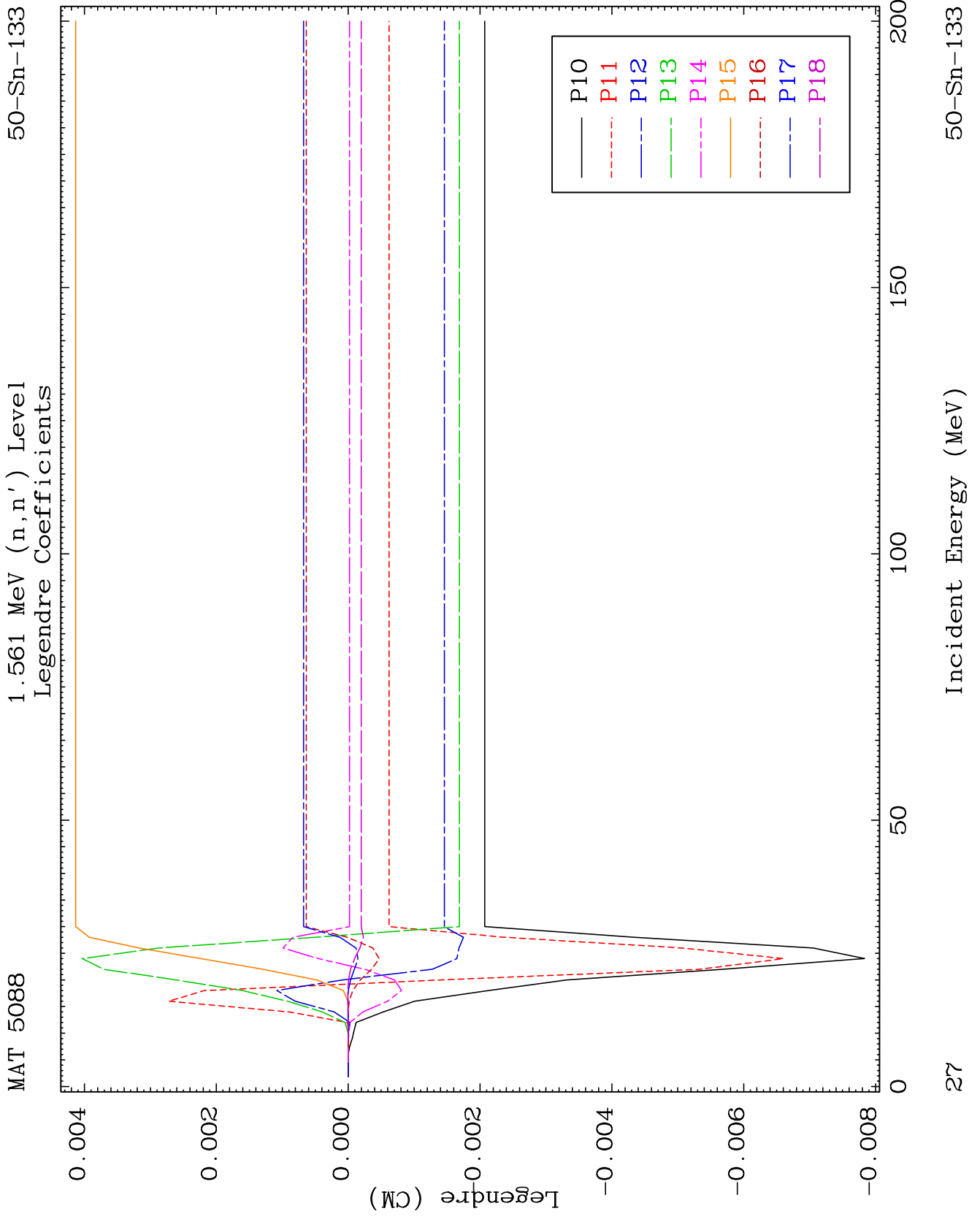
24

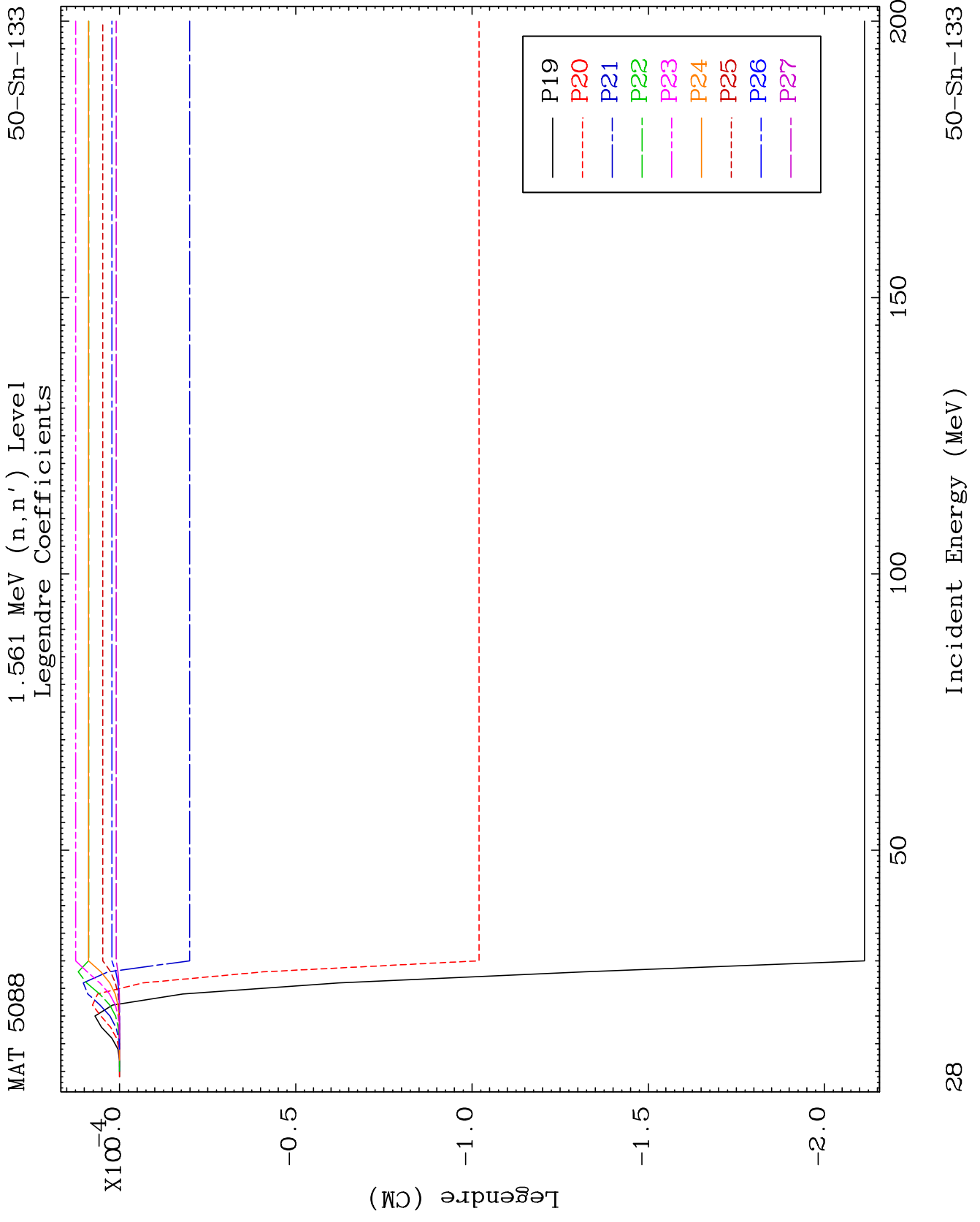
Incident Energy (MeV)

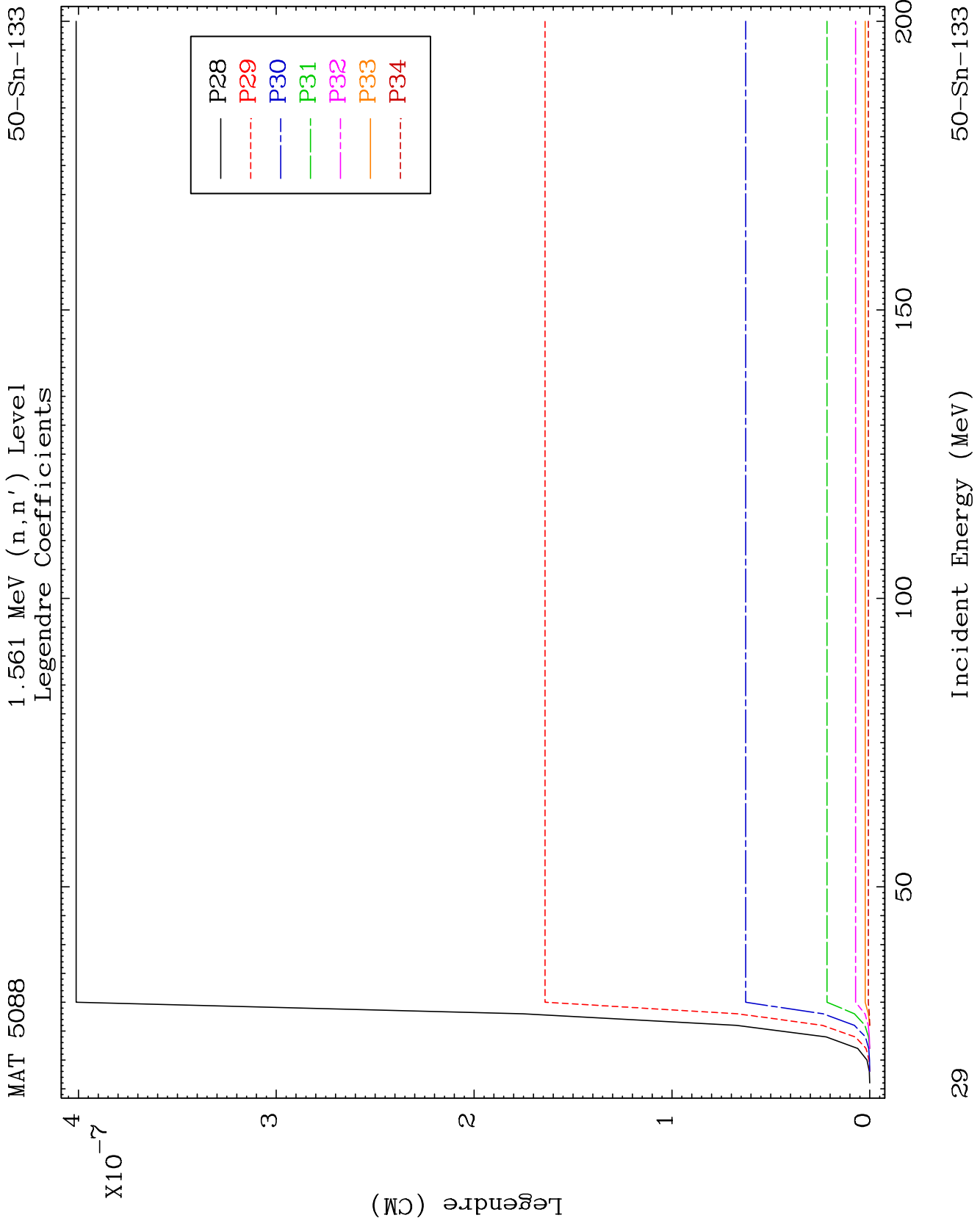
50-Sn-133



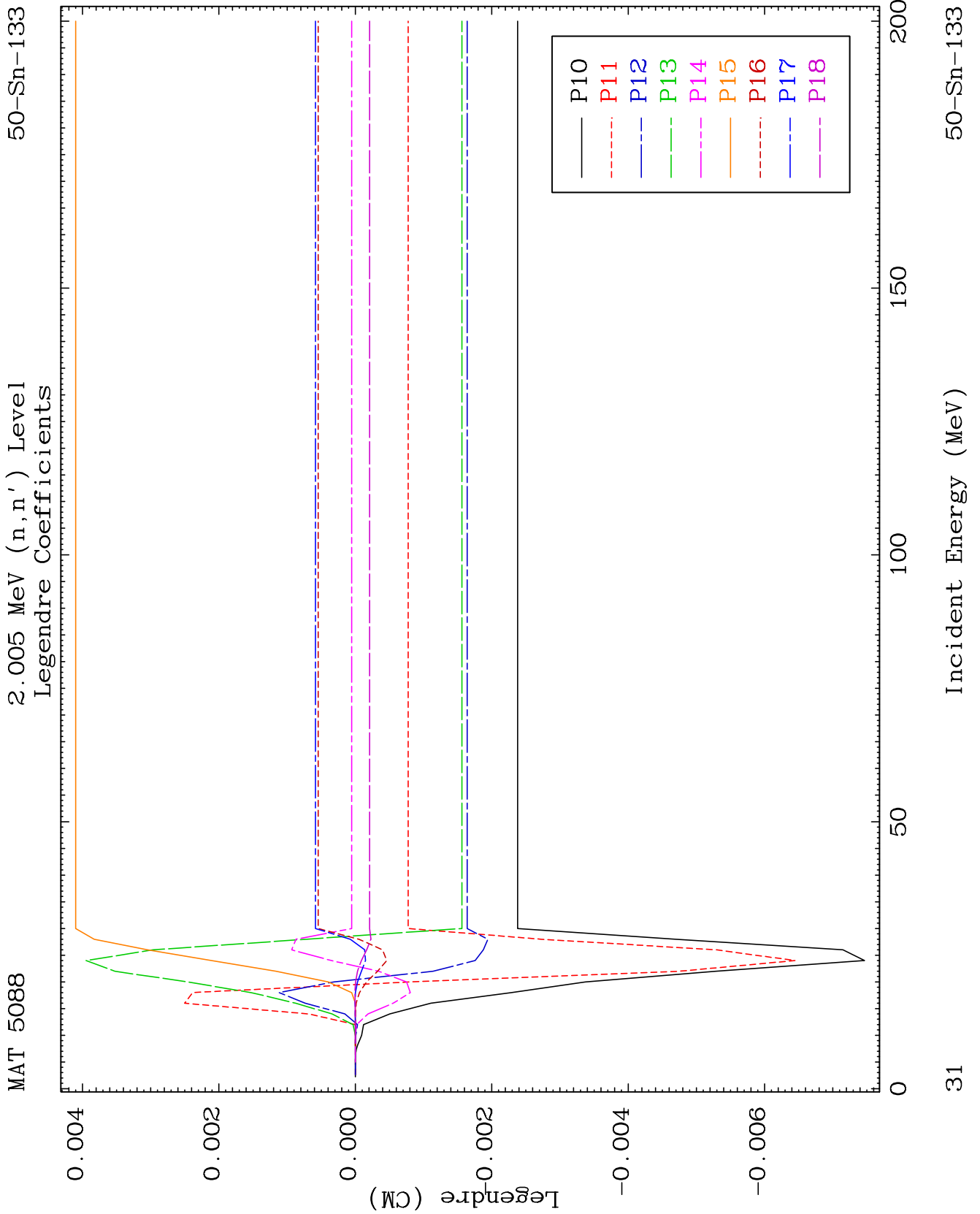




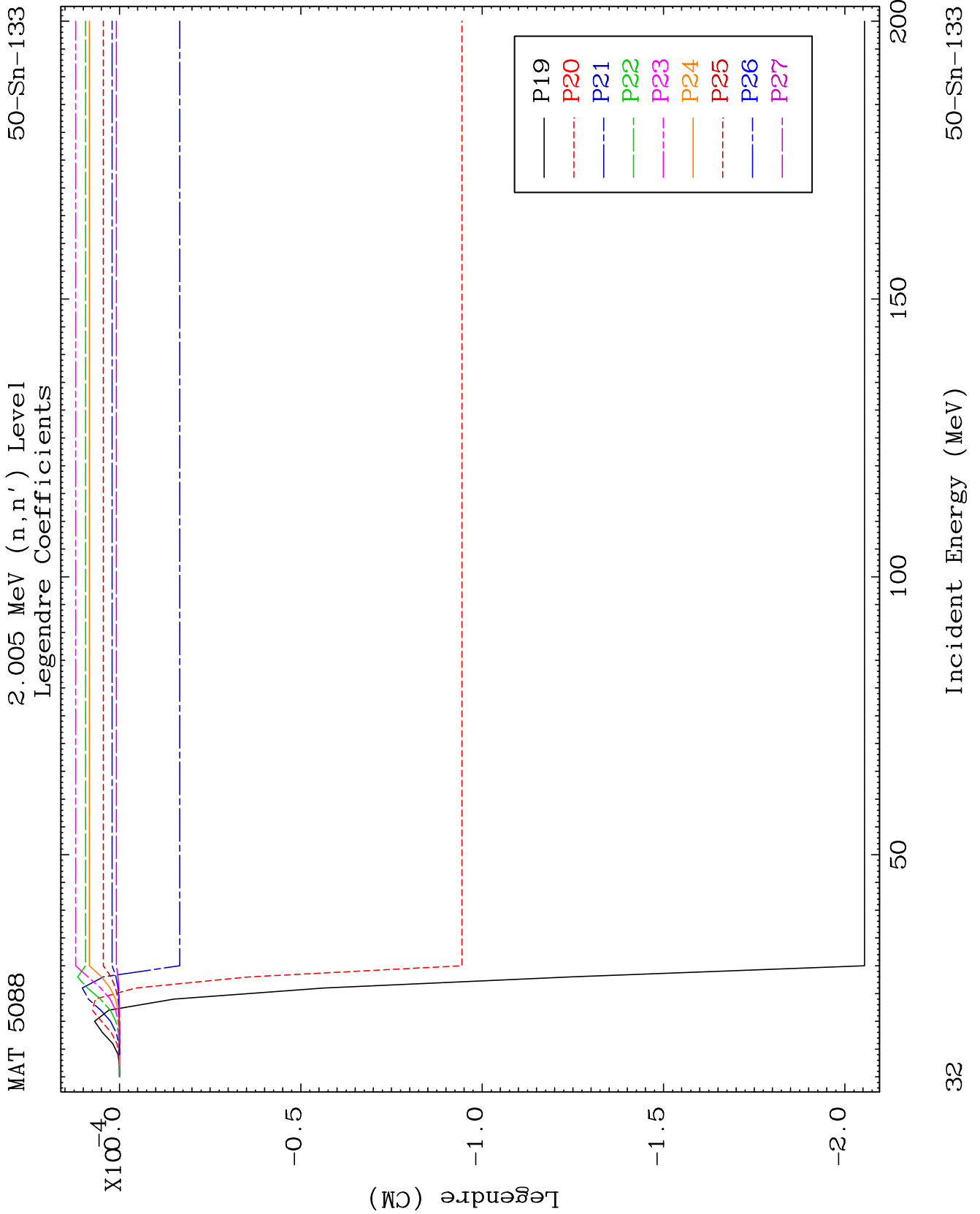


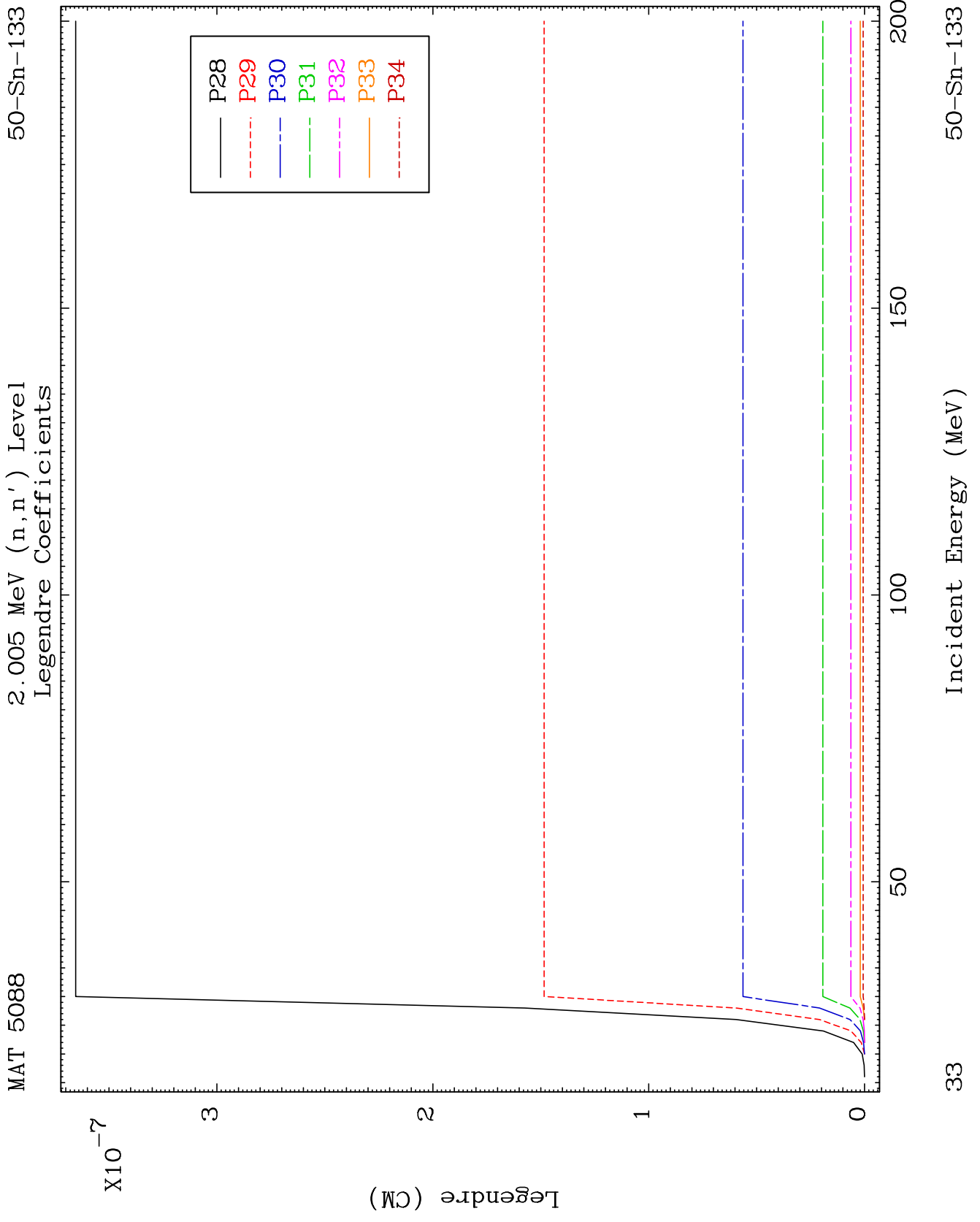


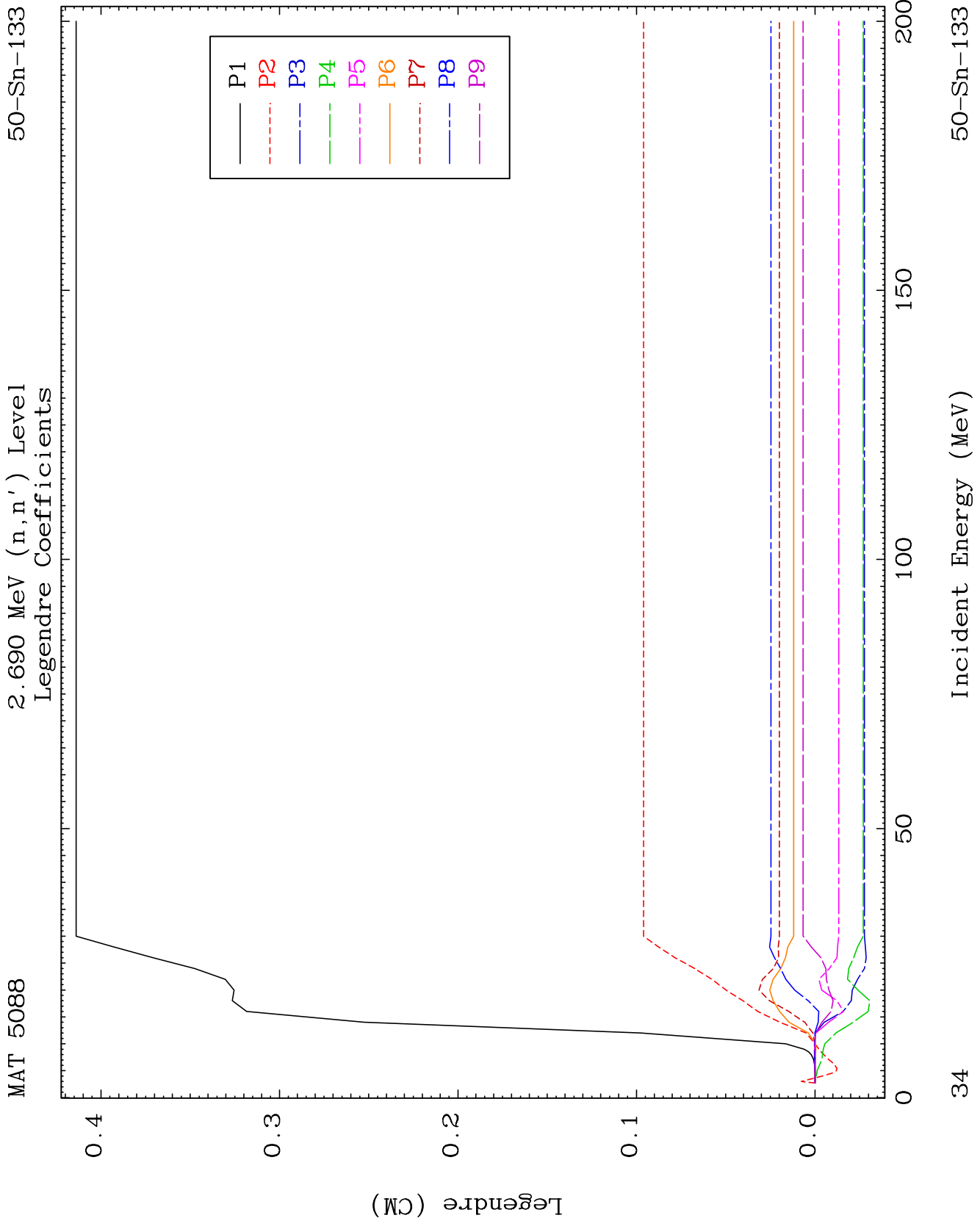




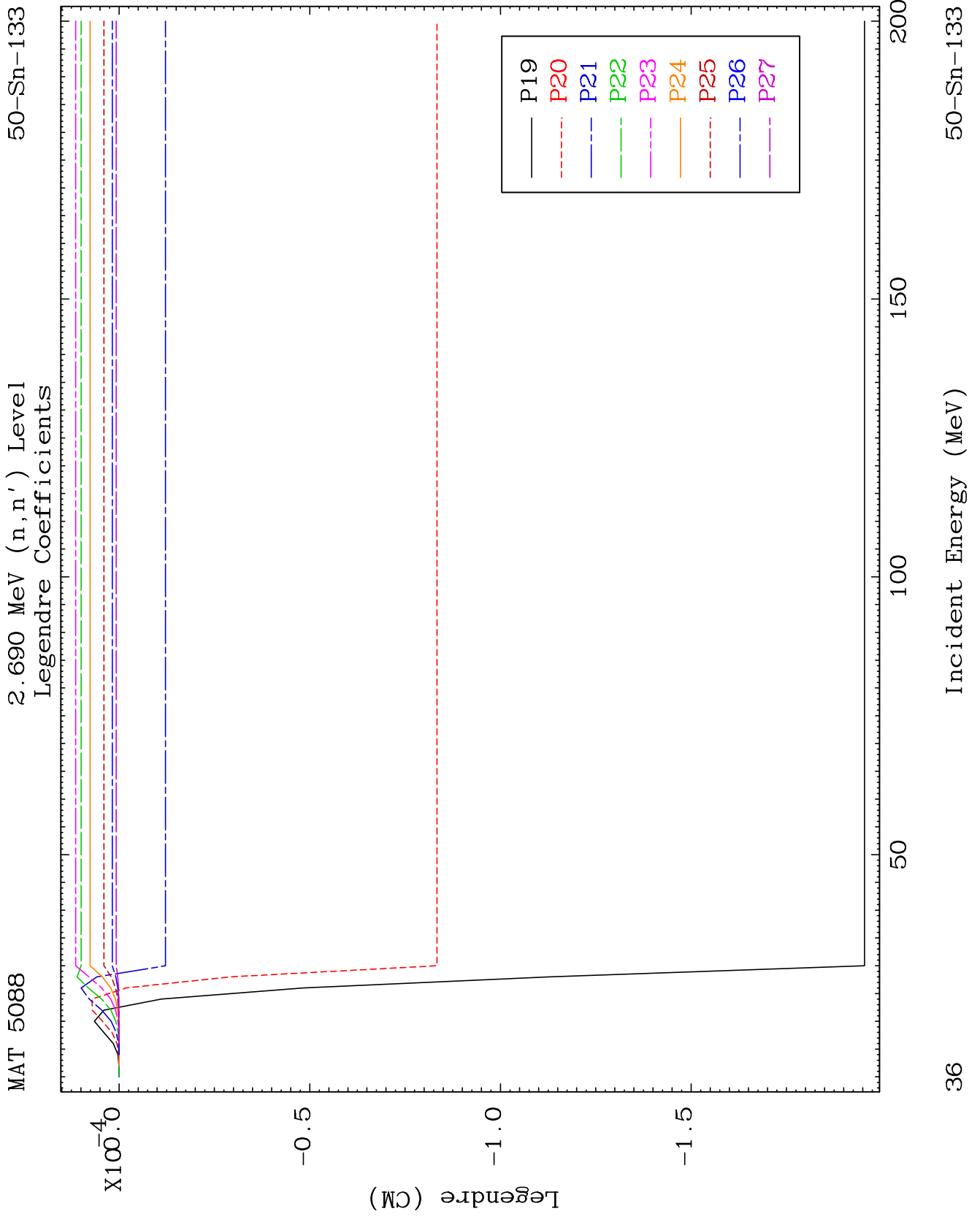


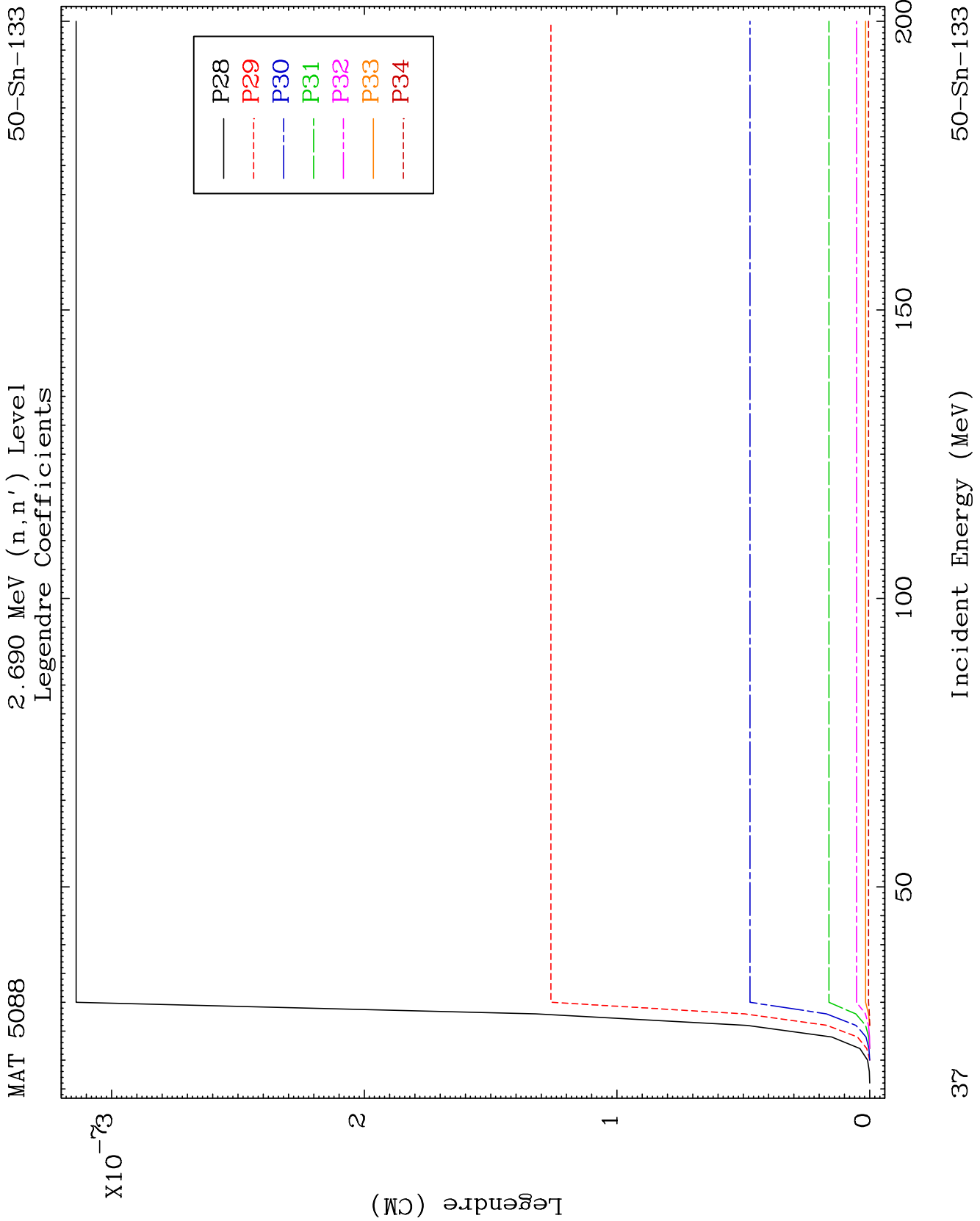


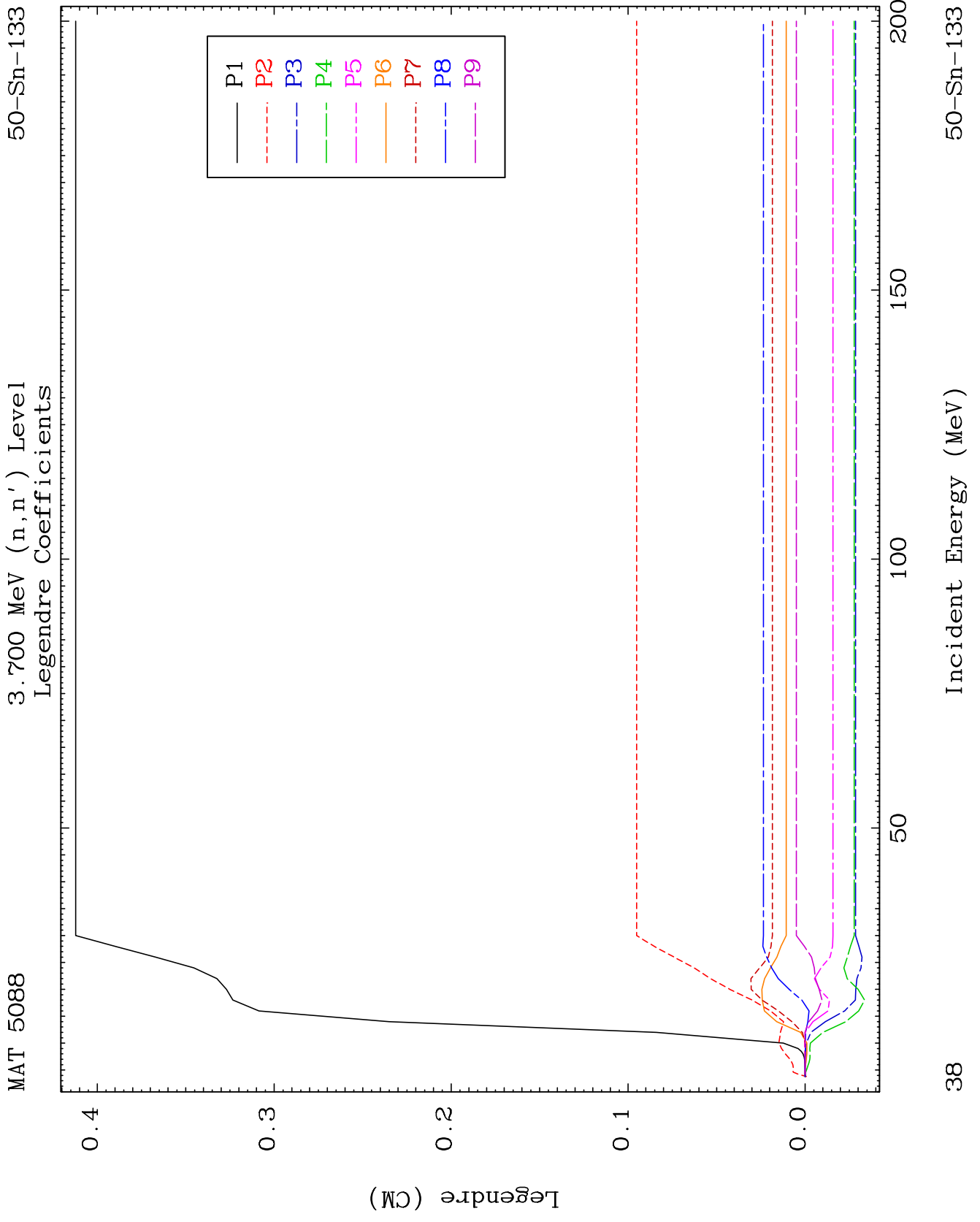








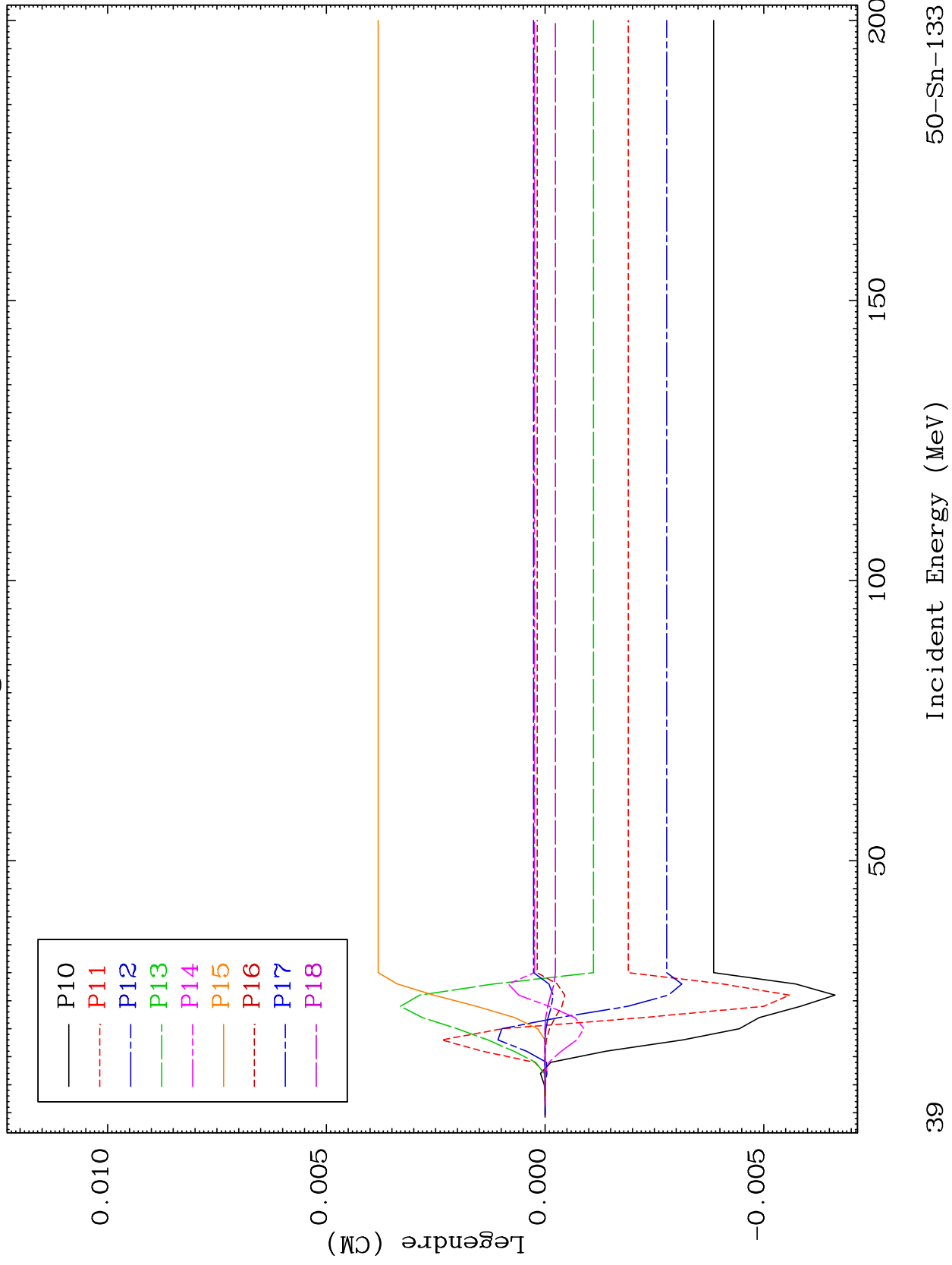




MAT 5088

3.700 MeV (n,n') Level  
Legendre Coefficients

50-Sn-133

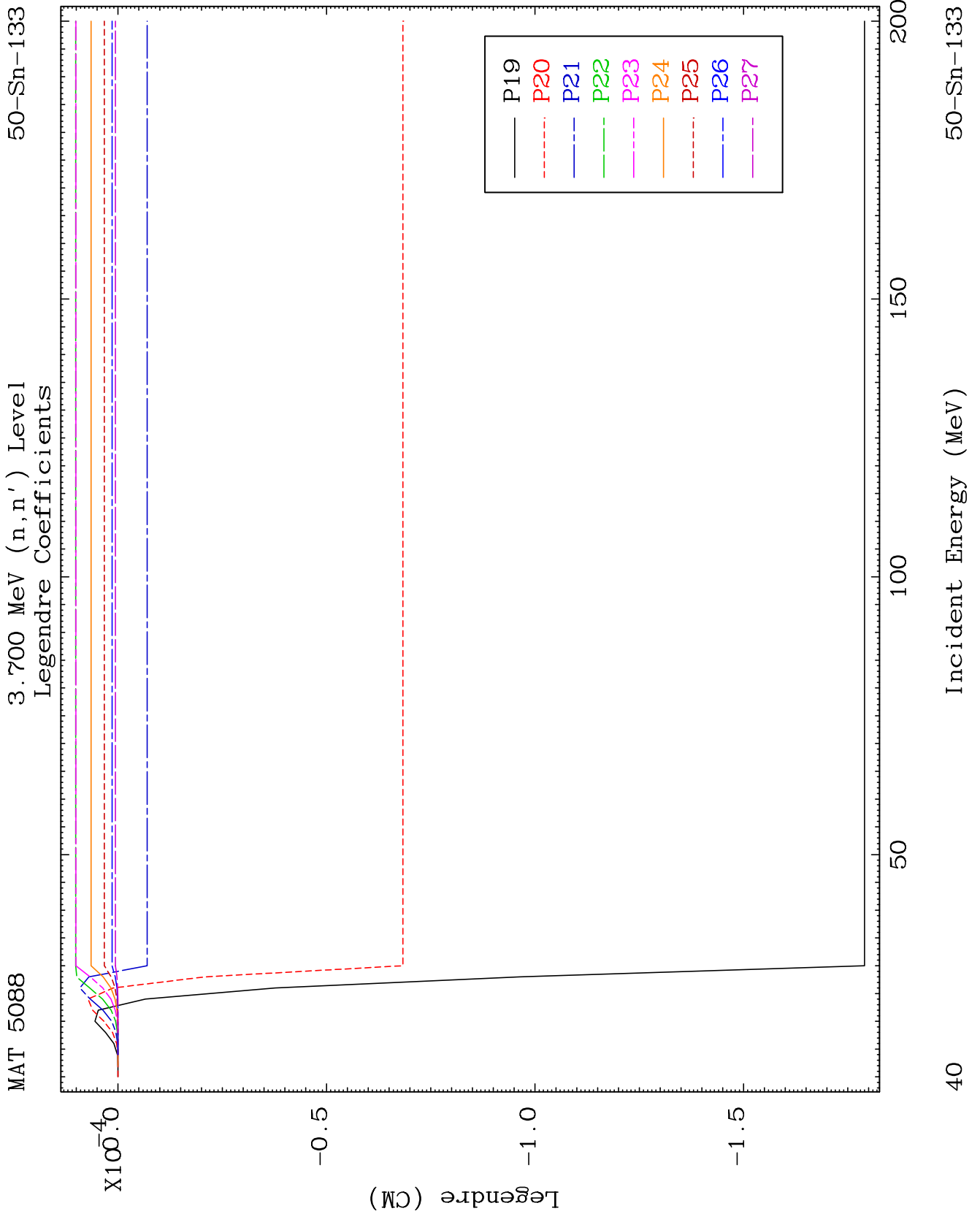


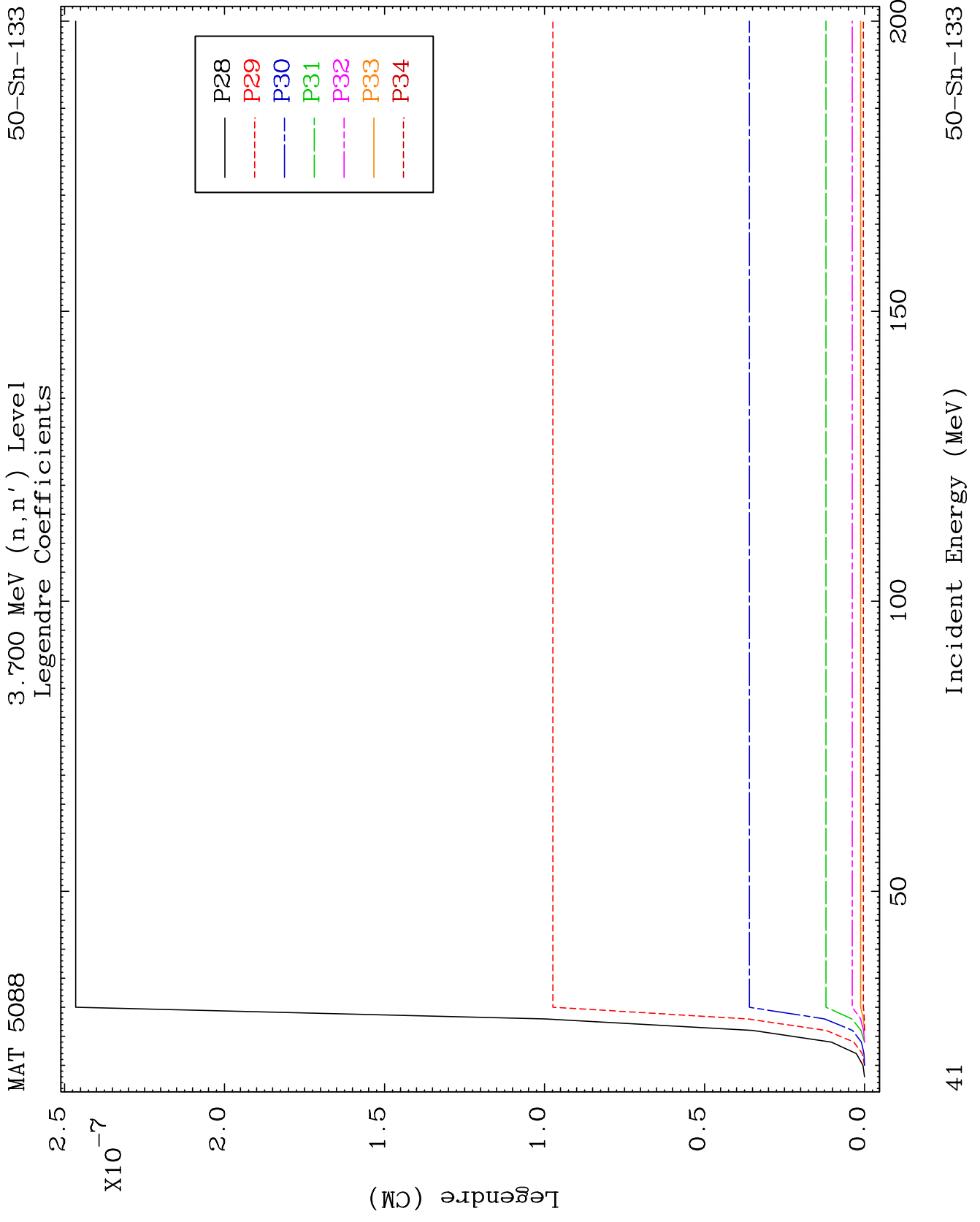
39

Incident Energy (MeV)

50-Sn-133





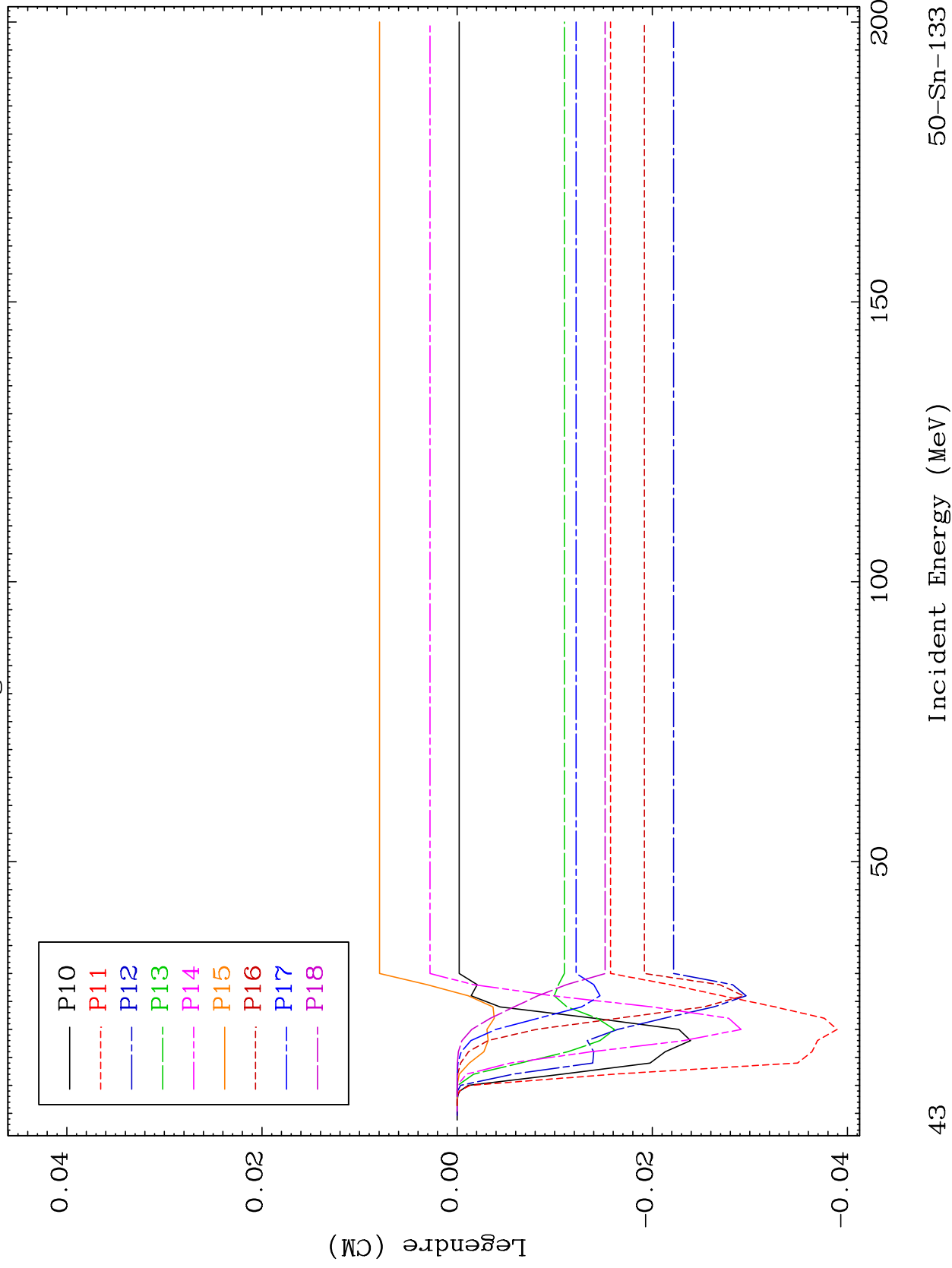




MAT 5088

3.750 MeV (n,n') Level  
Legendre Coefficients

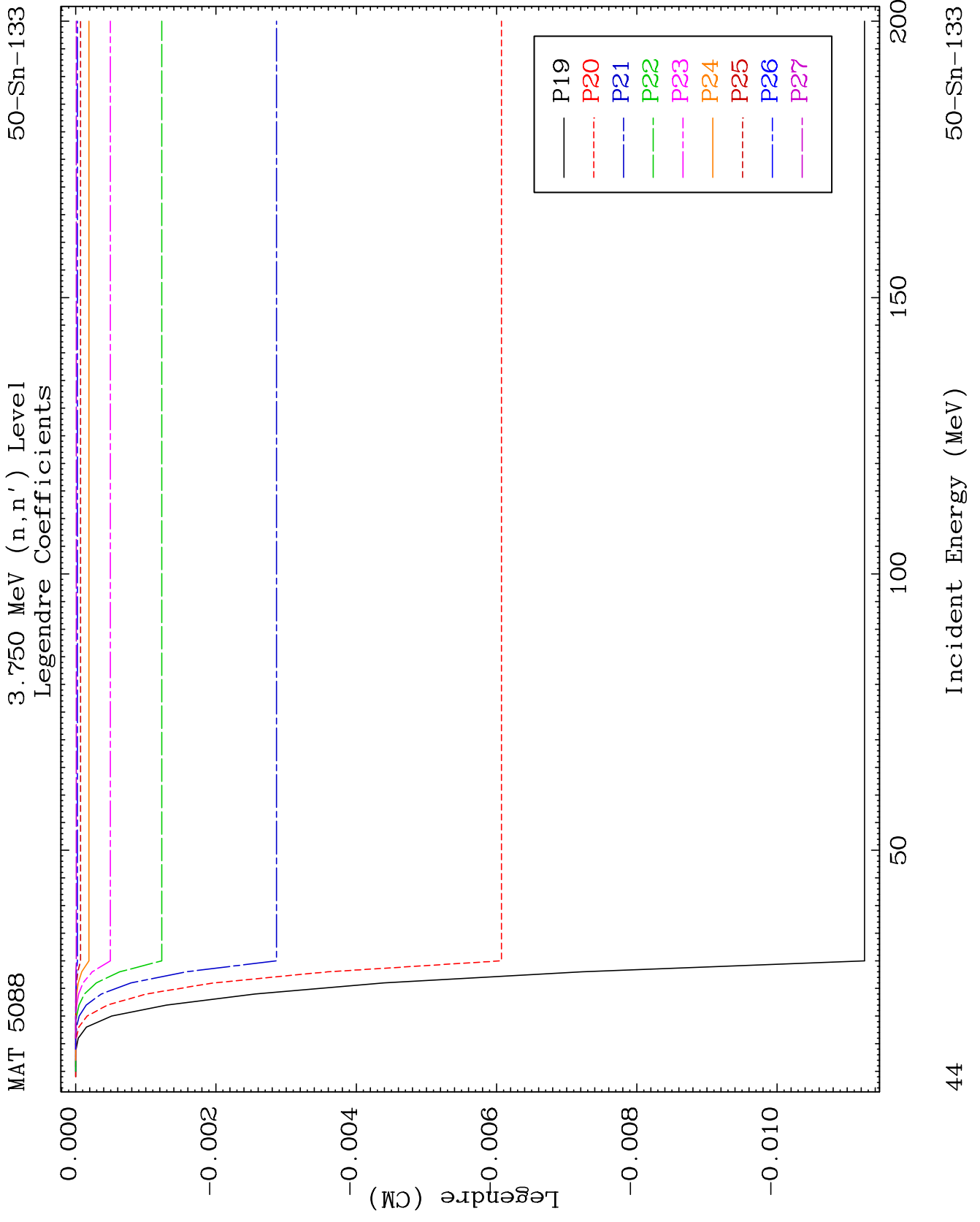
50-Sn-133



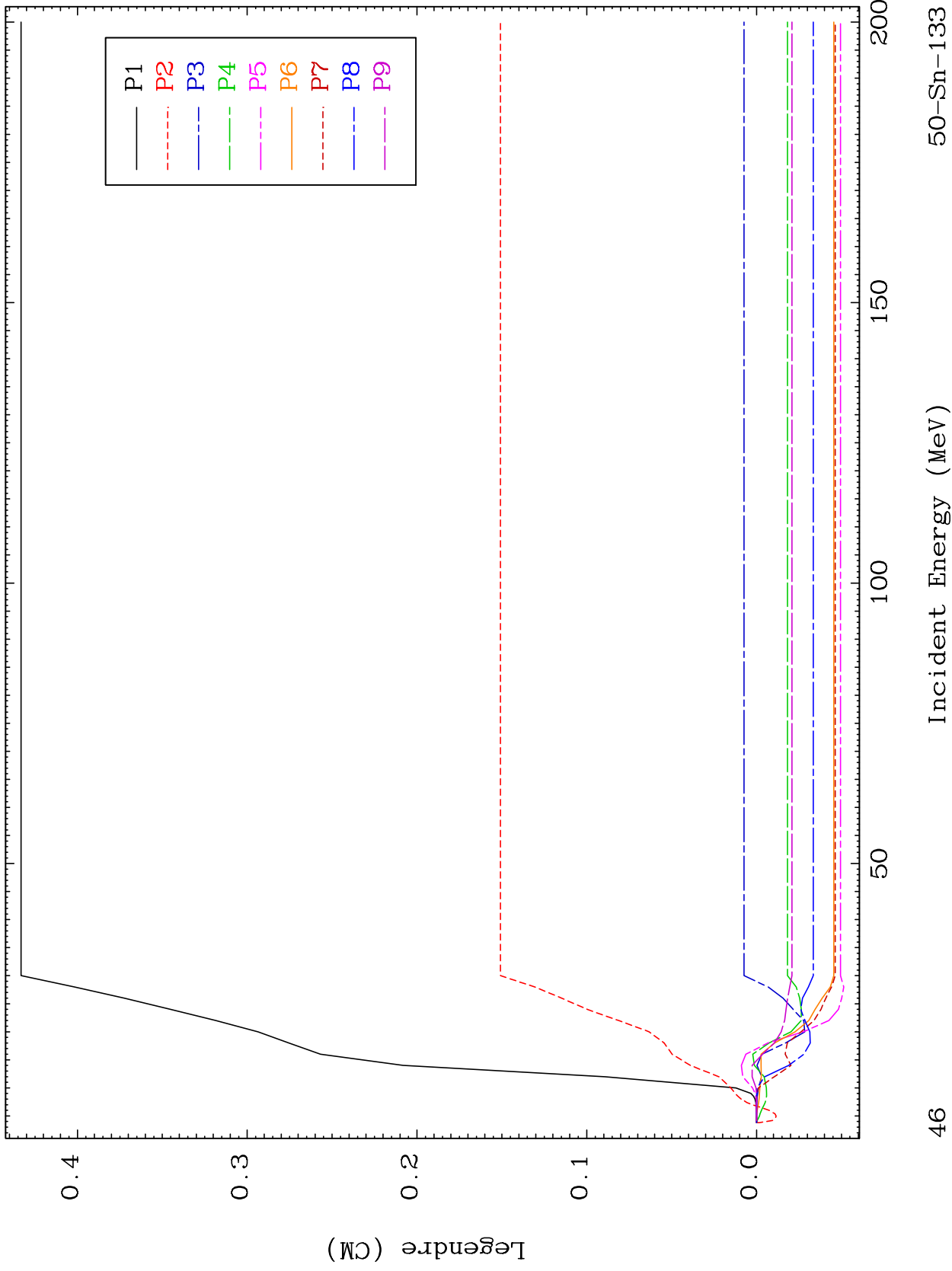
43

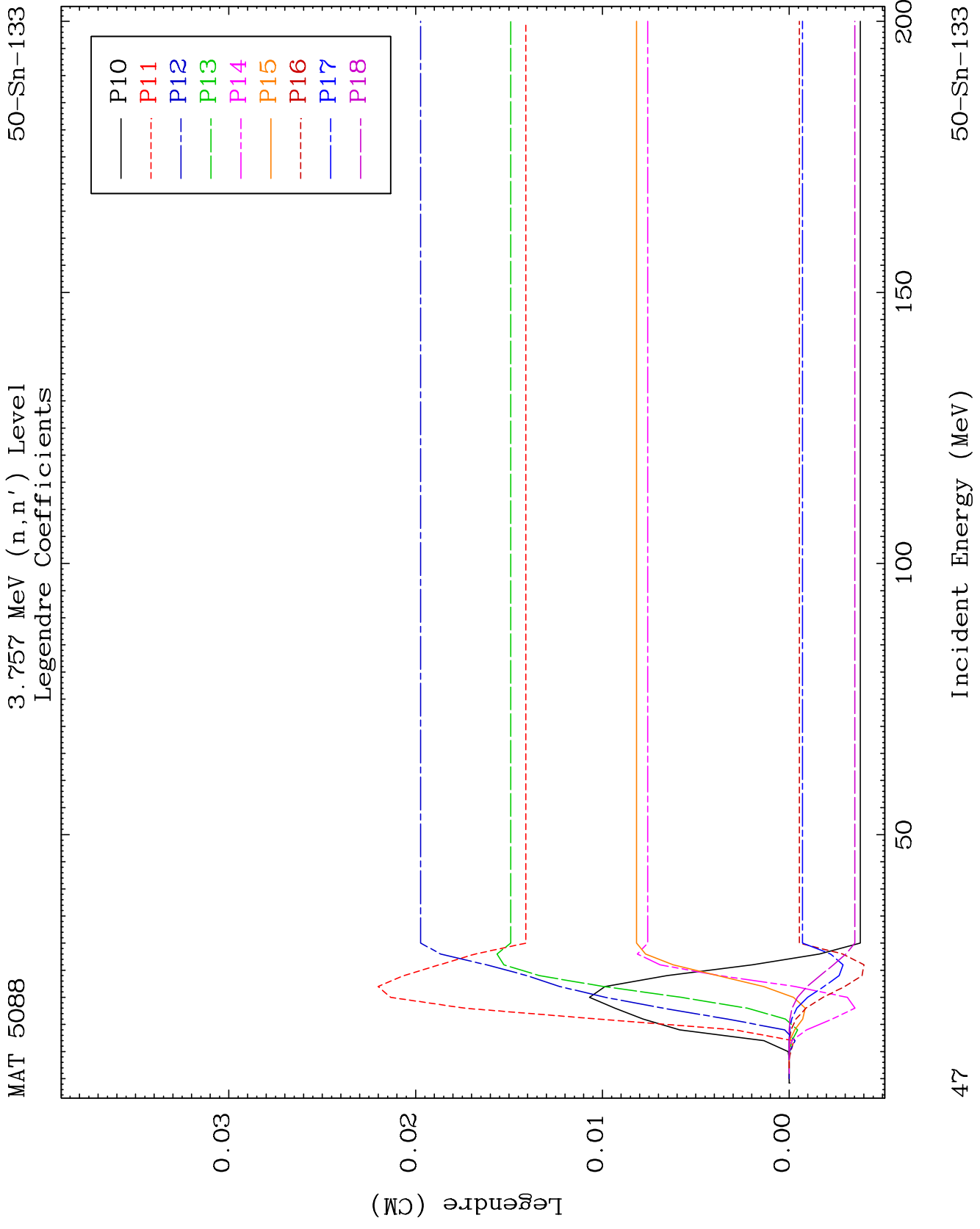
Incident Energy (MeV)

50-Sn-133







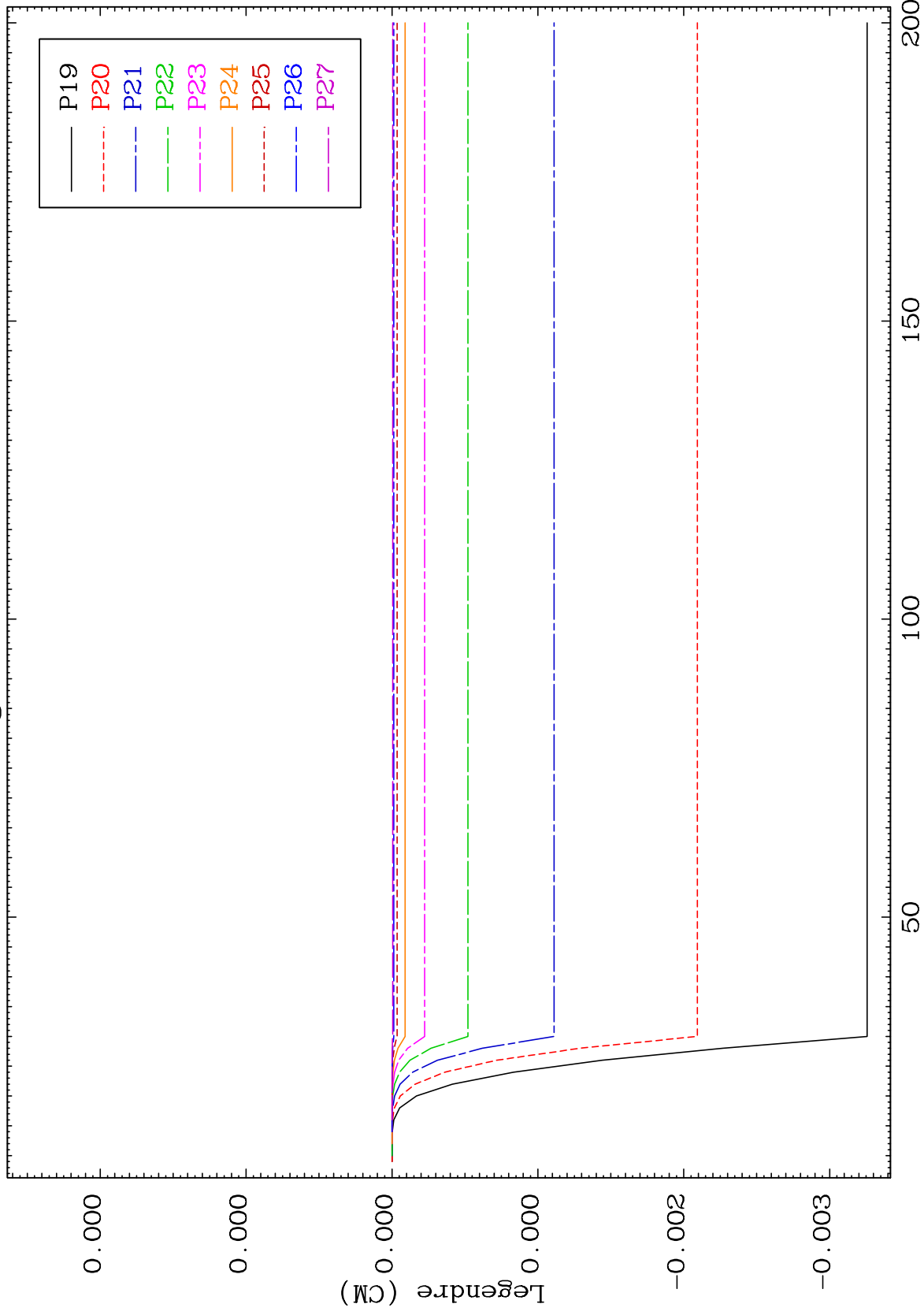




MAT 5088

3.757 MeV (n,n') Level  
Legendre Coefficients

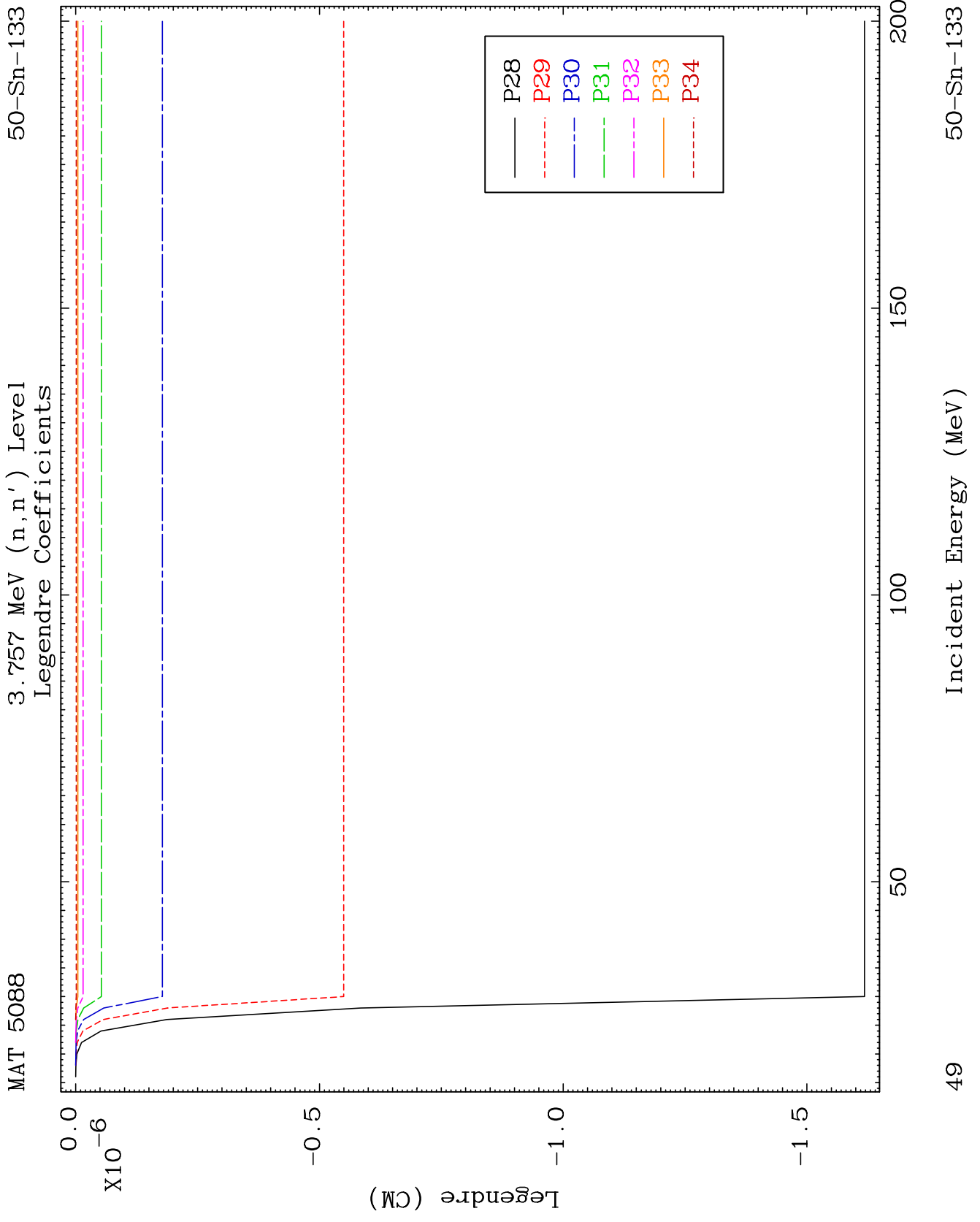
50-Sn-133



48

Incident Energy (MeV)

50-Sn-133

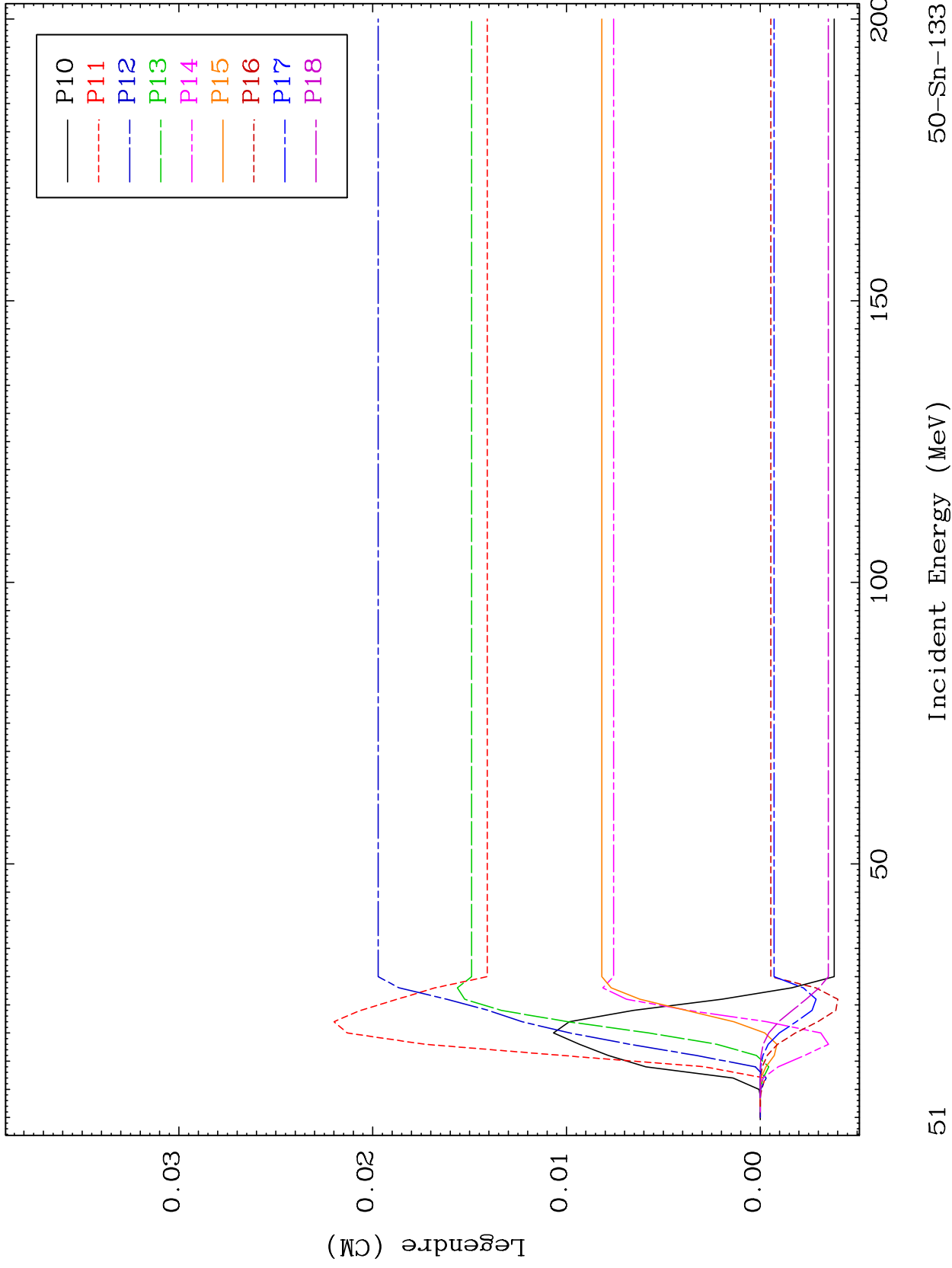




MAT 5088

3.764 MeV (n,n') Level  
Legendre Coefficients

50-Sn-133



51

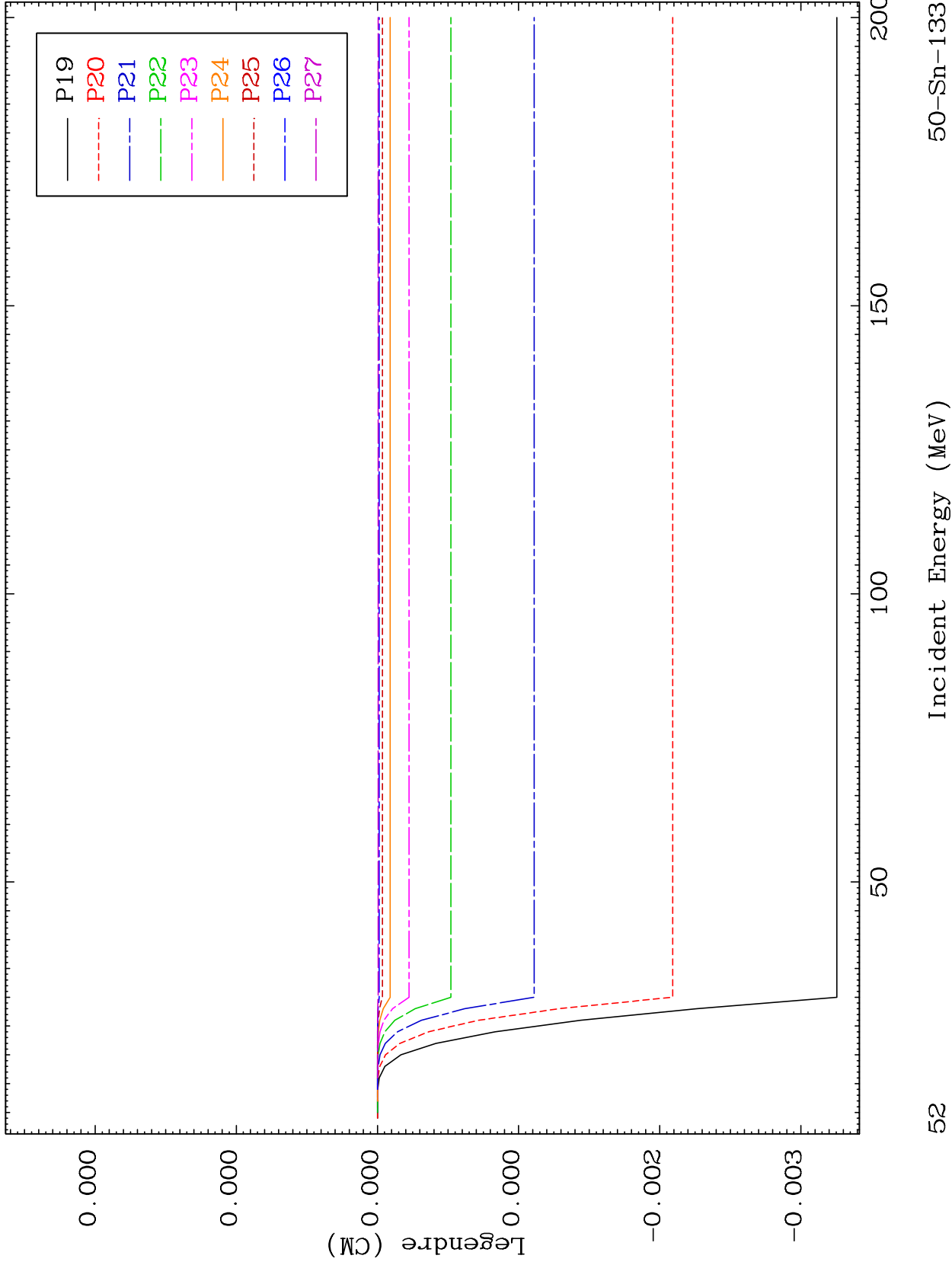
Incident Energy (MeV)

50-Sn-133

MAT 5088

3.764 MeV (n,n') Level  
Legendre Coefficients

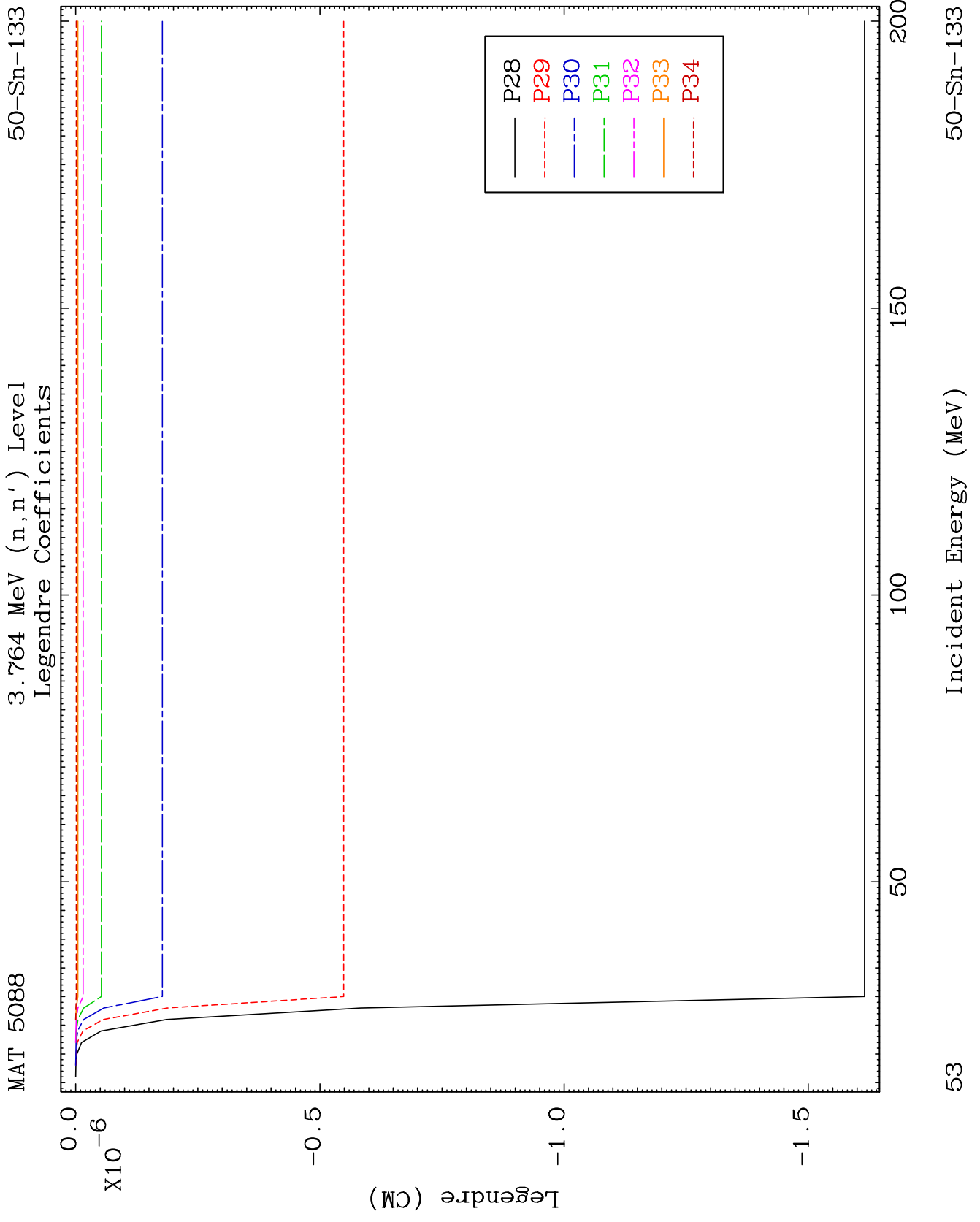
50-Sn-133



52

Incident Energy (MeV)

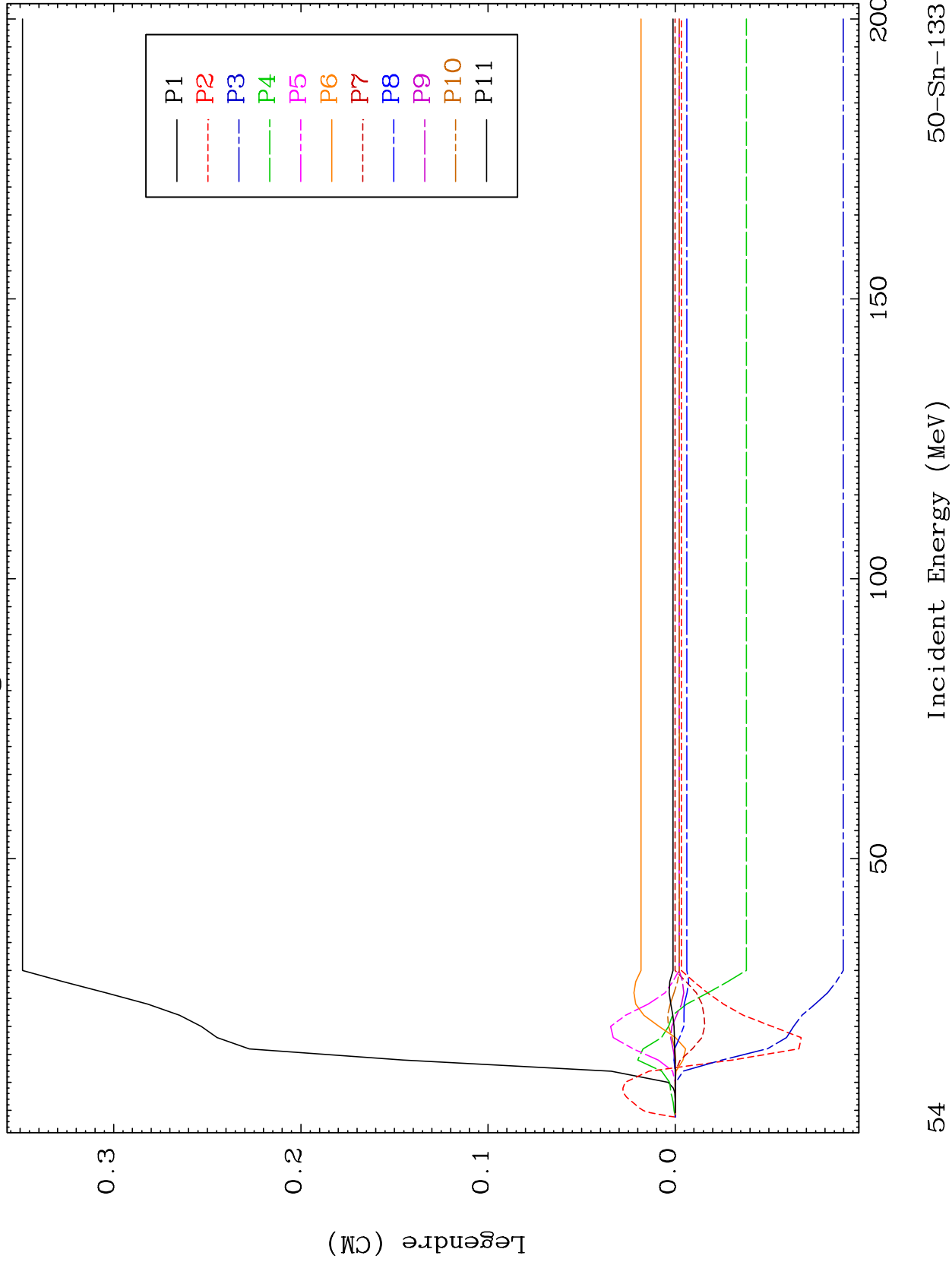
50-Sn-133



MAT 5088

3.776 MeV (n,n') Level  
Legendre Coefficients

50-Sn-133



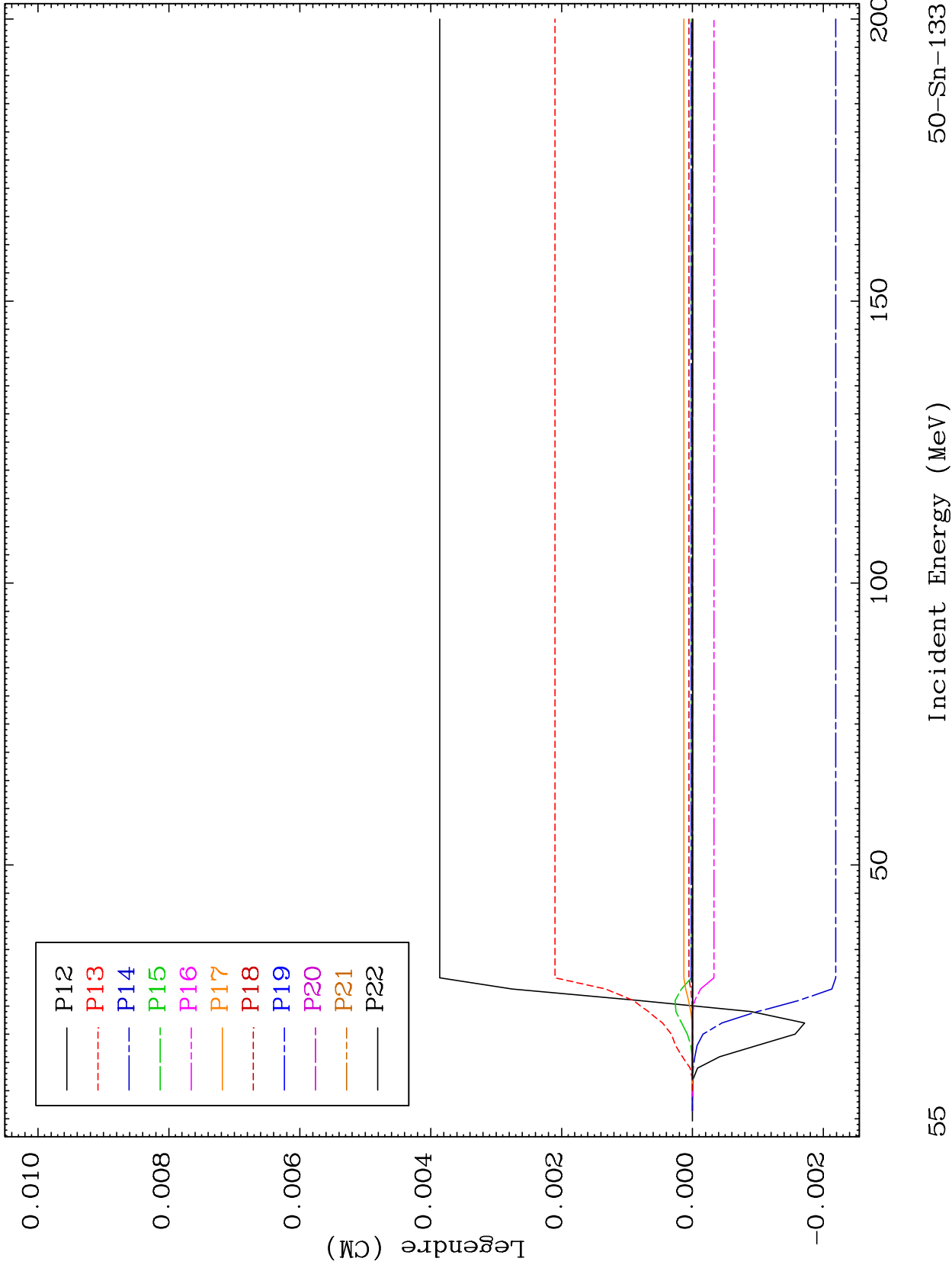
54

50-Sn-133

MAT 5088

3.776 MeV (n,n') Level  
Legendre Coefficients

50-Sn-133

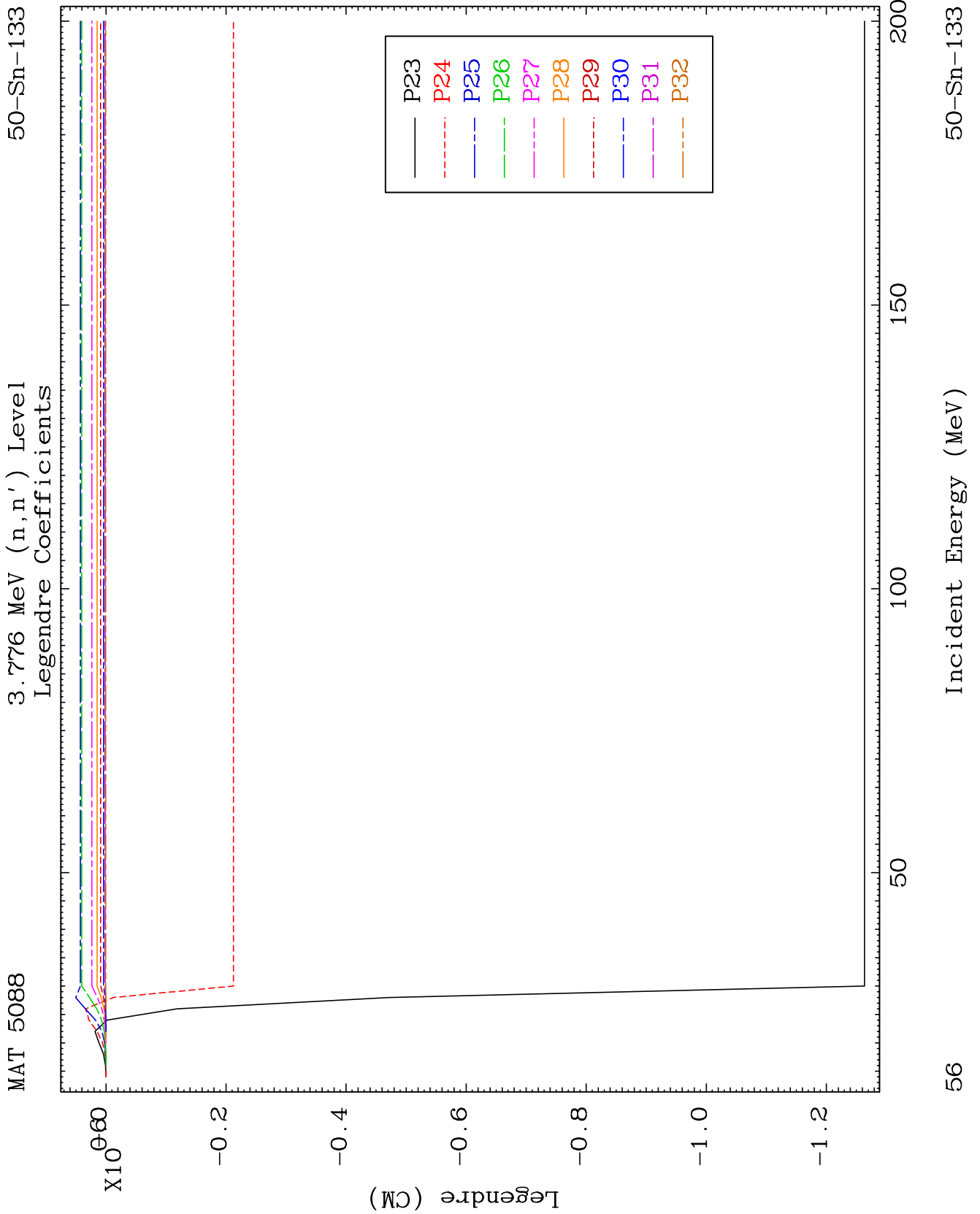


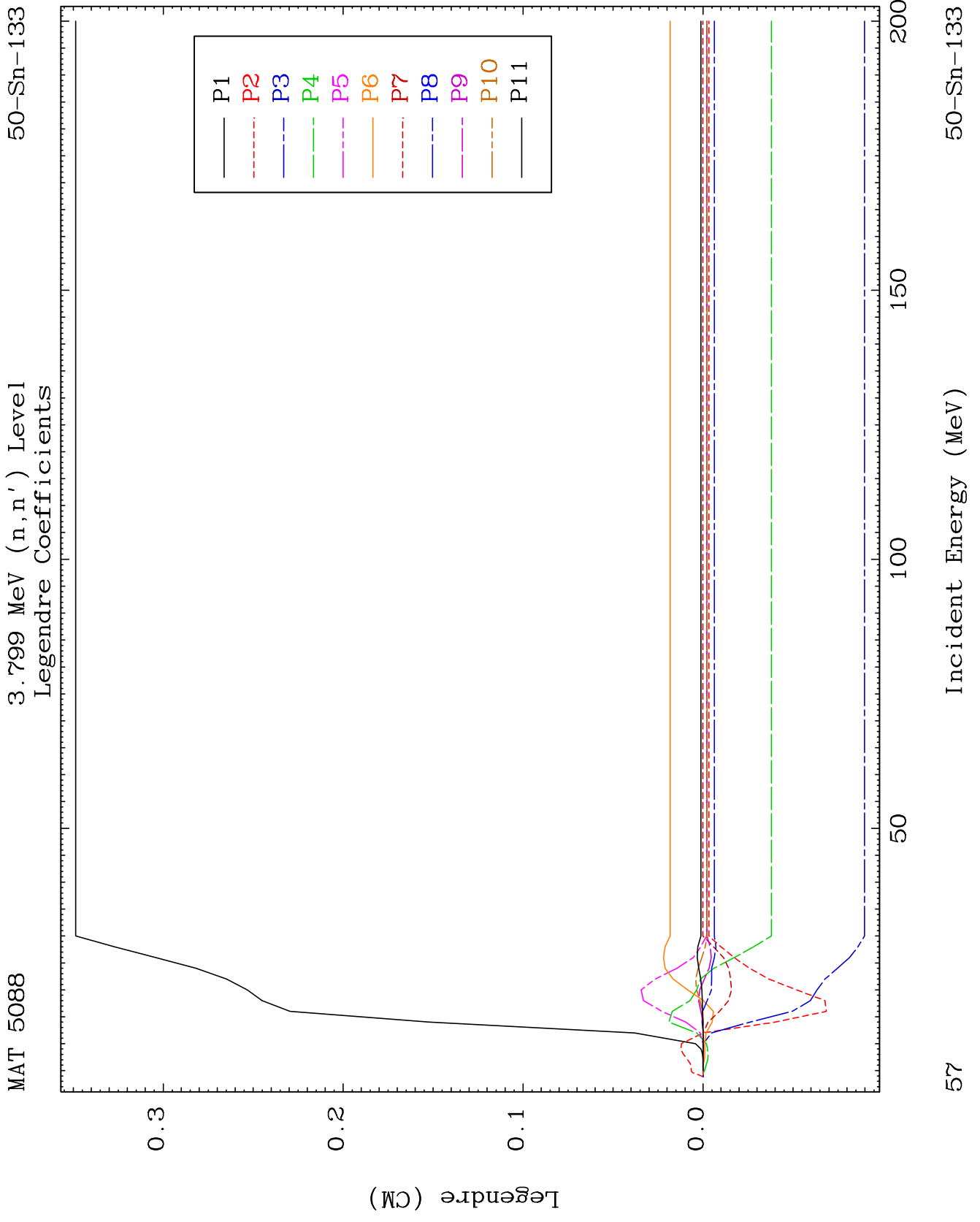
55

Incident Energy (MeV)

50-Sn-133



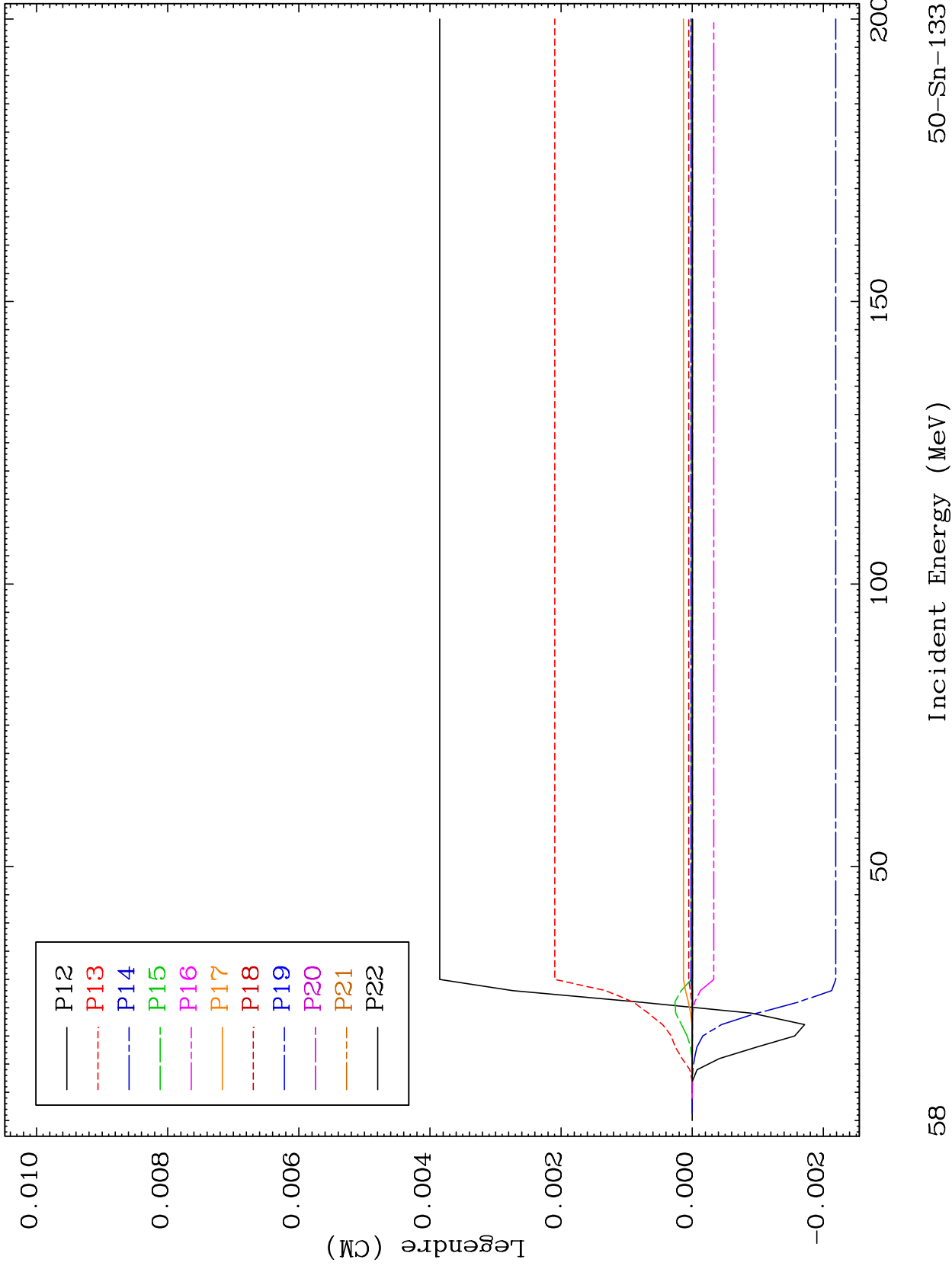




MAT 5088

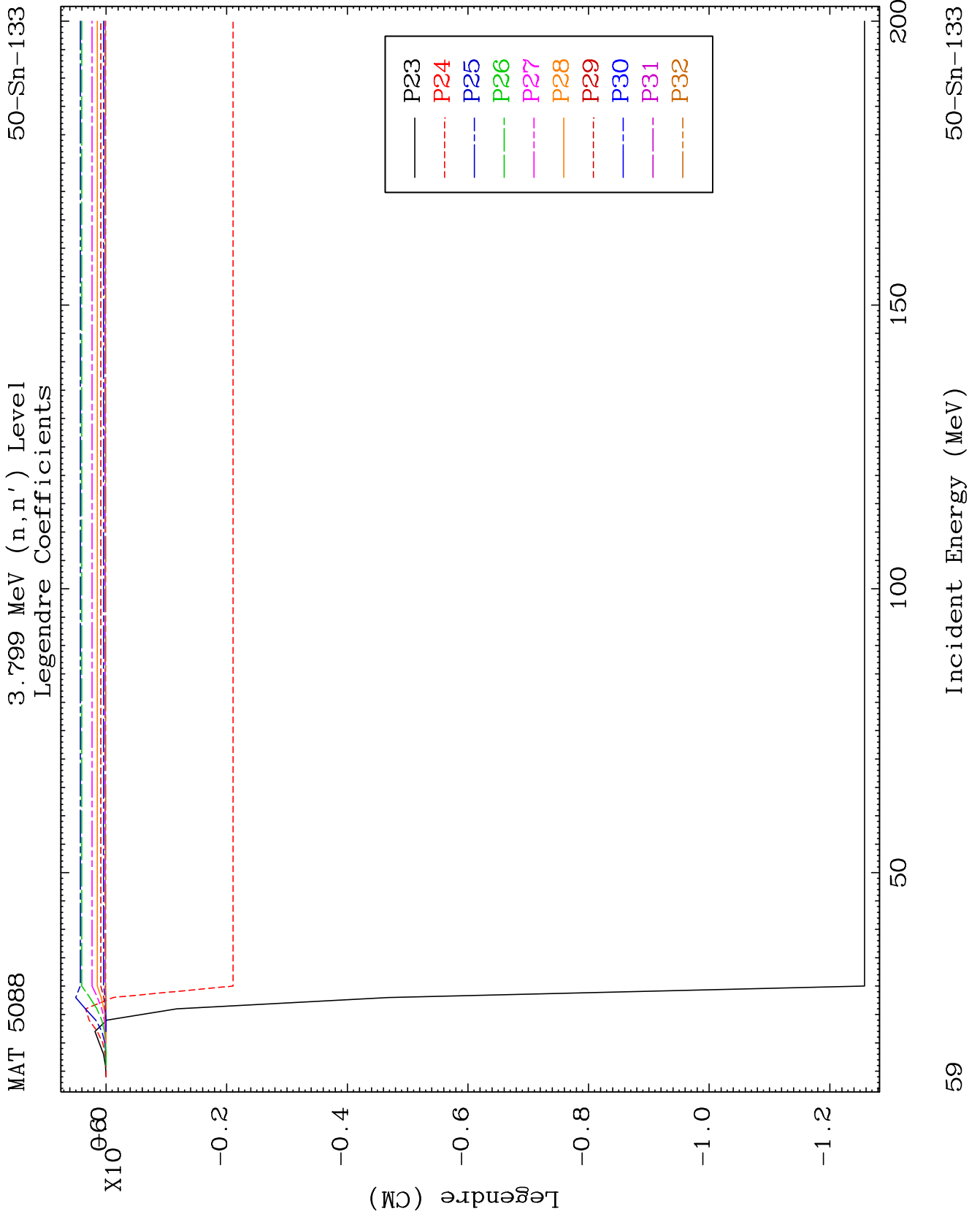
3.799 MeV (n,n') Level  
Legendre Coefficients

50-Sn-133



58

50-Sn-133

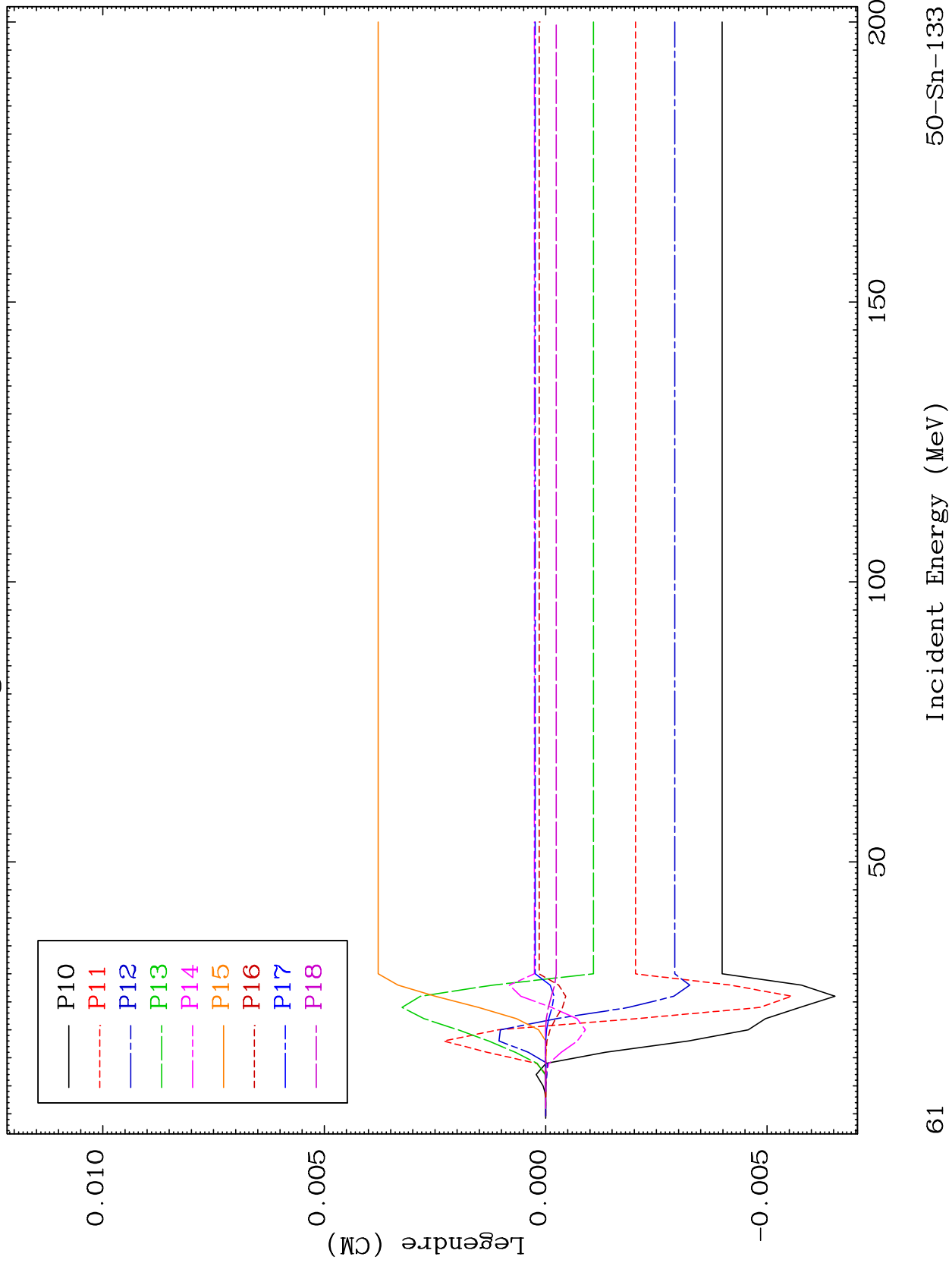


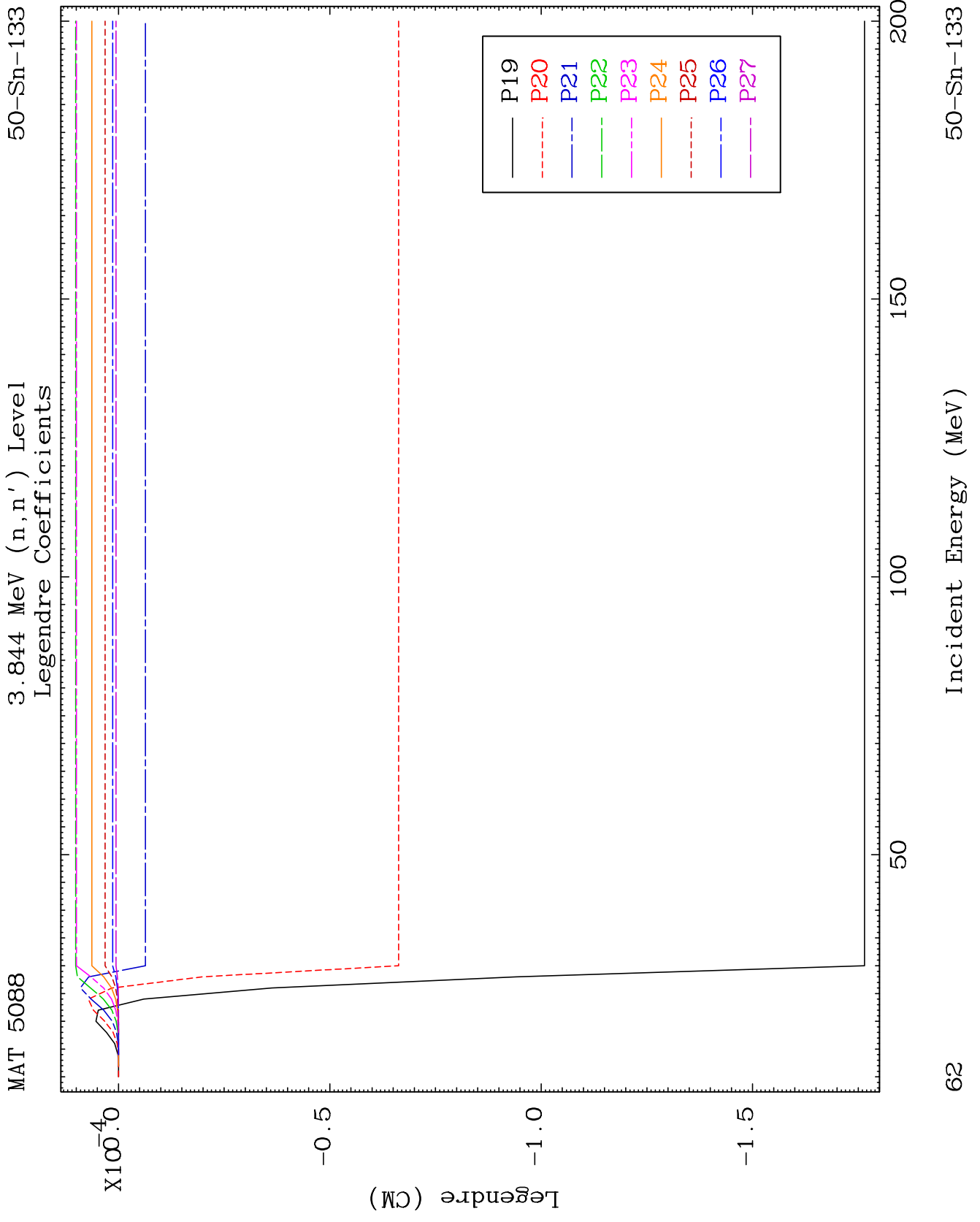


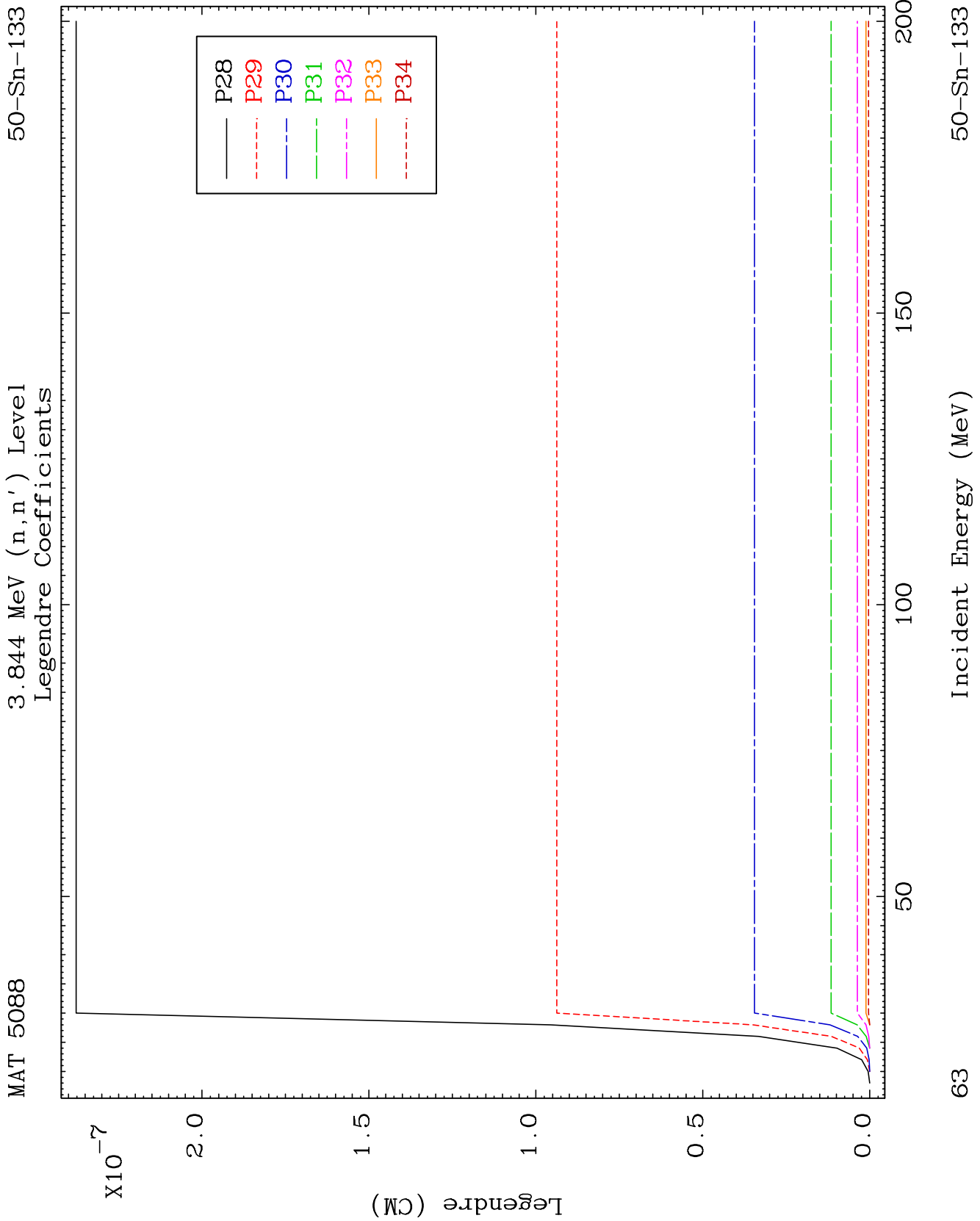
MAT 5088

3.844 MeV (n,n') Level  
Legendre Coefficients

50-Sn-133







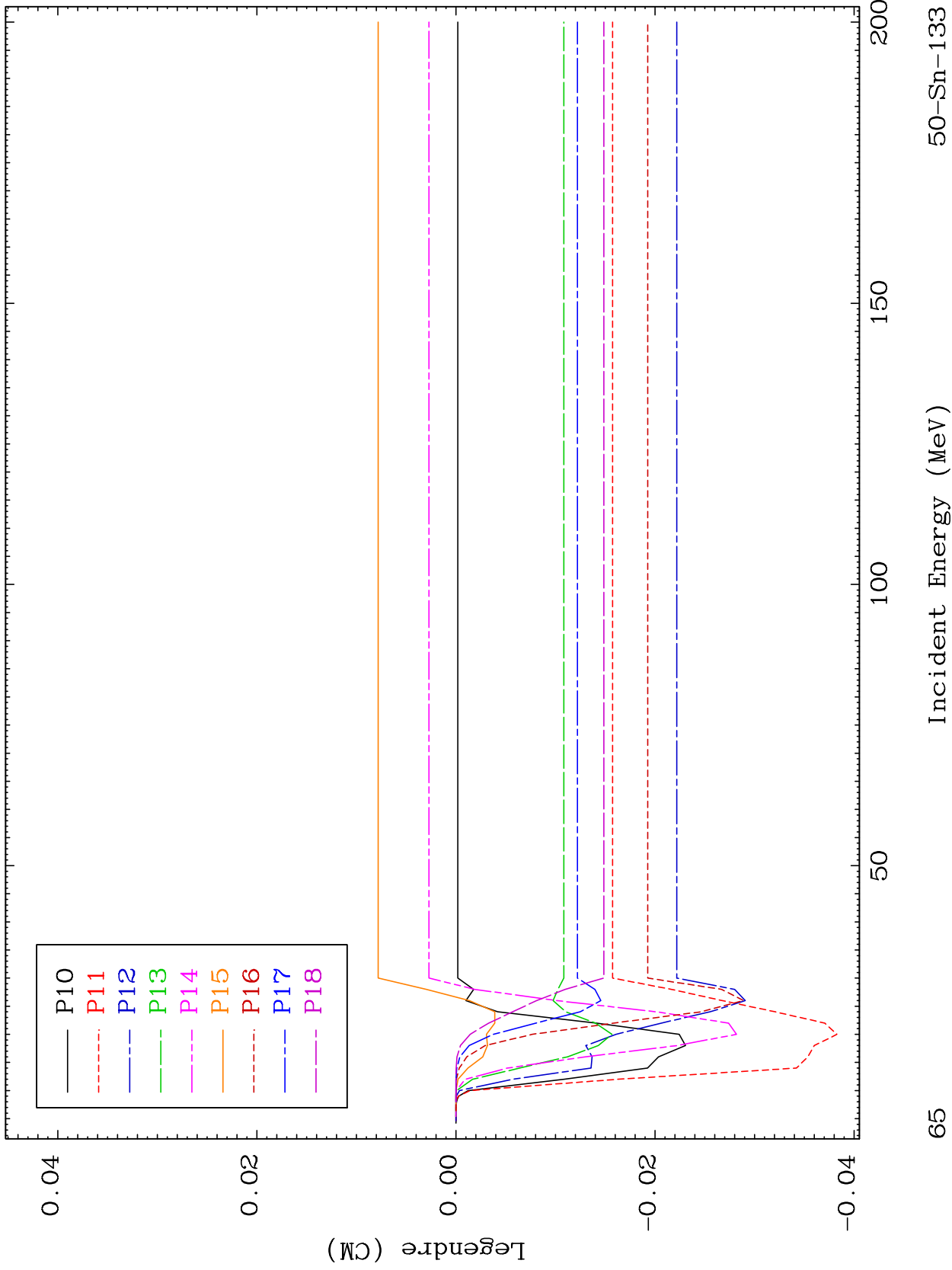




MAT 5088

3.875 MeV (n,n') Level  
Legendre Coefficients

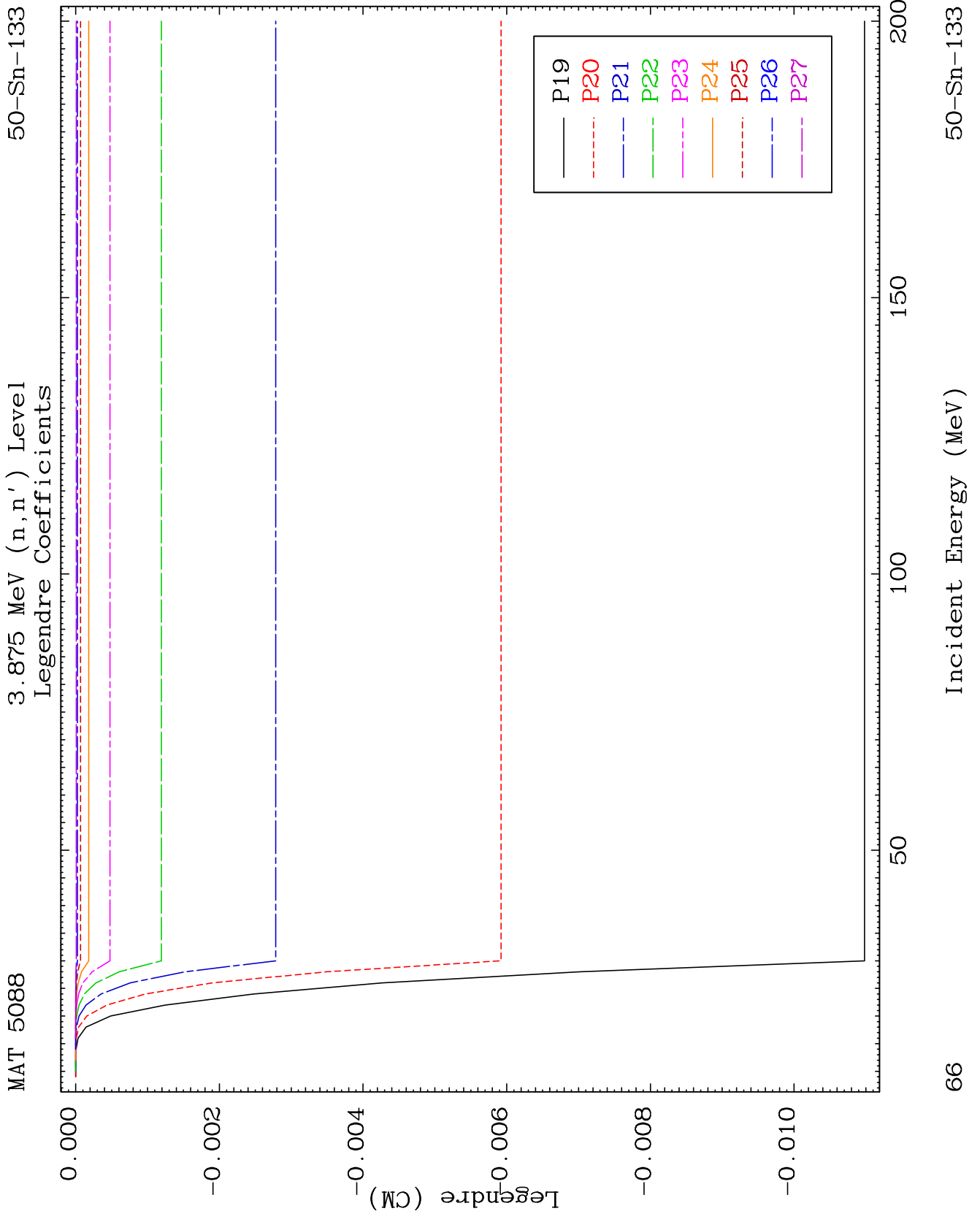
50-Sn-133

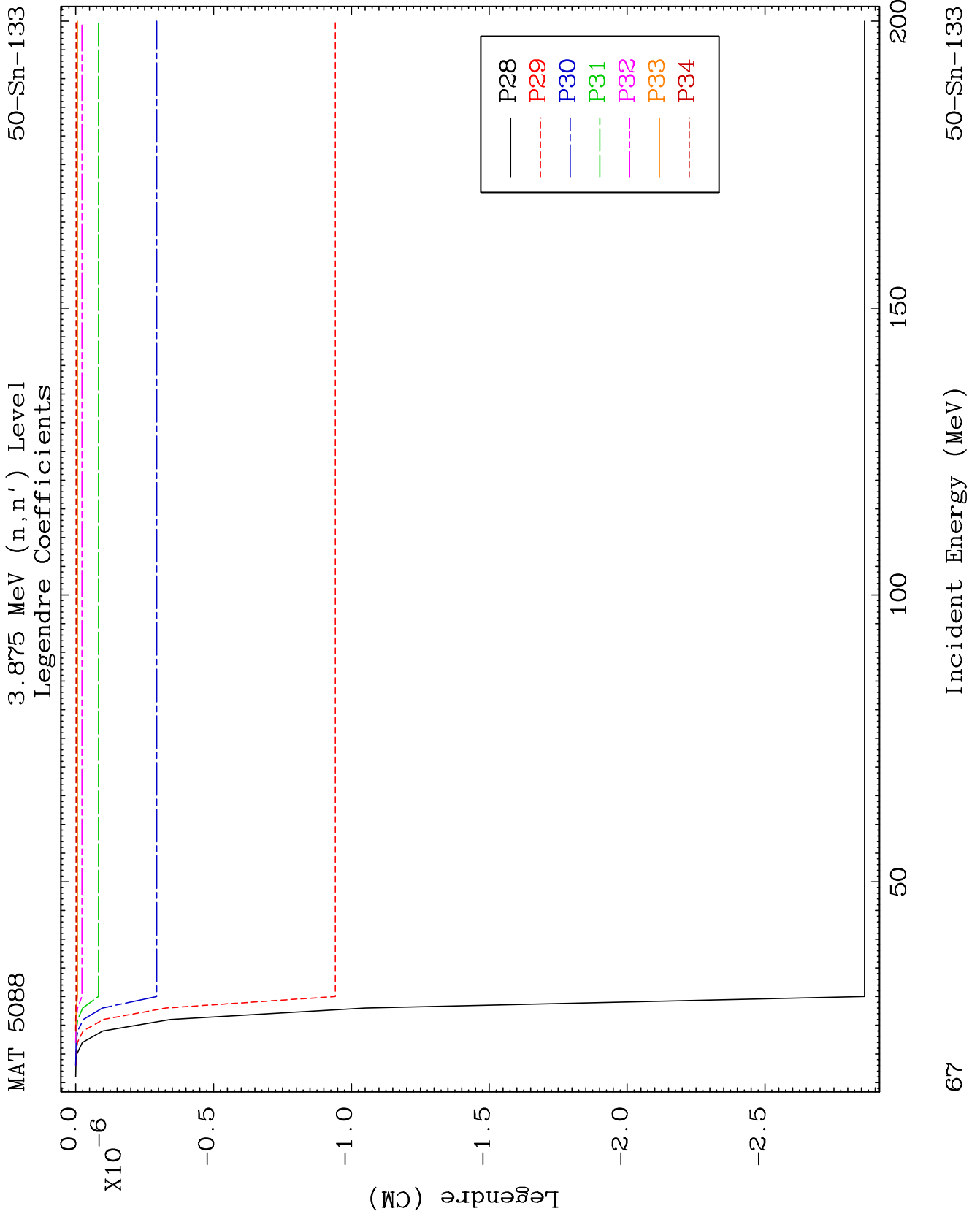


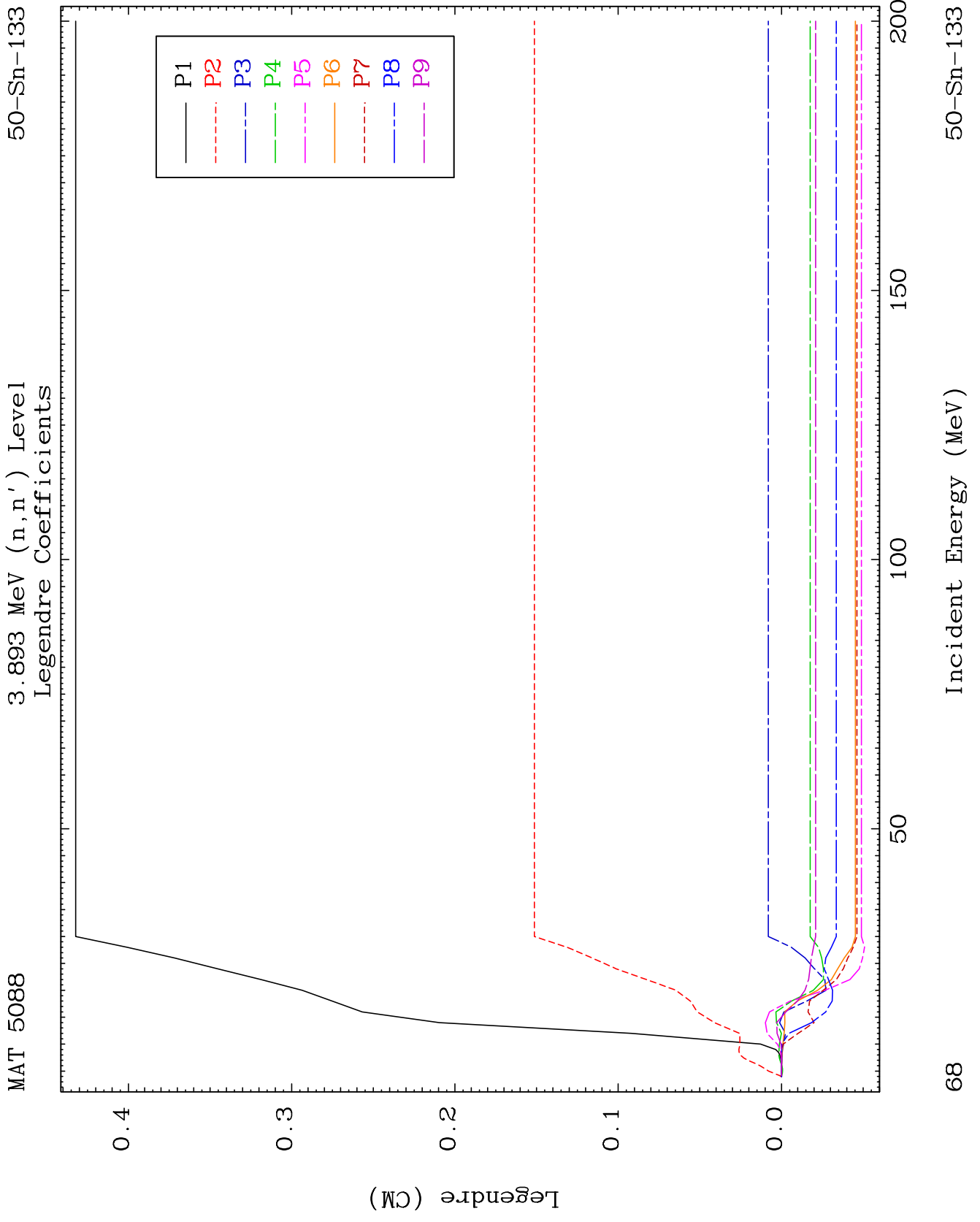
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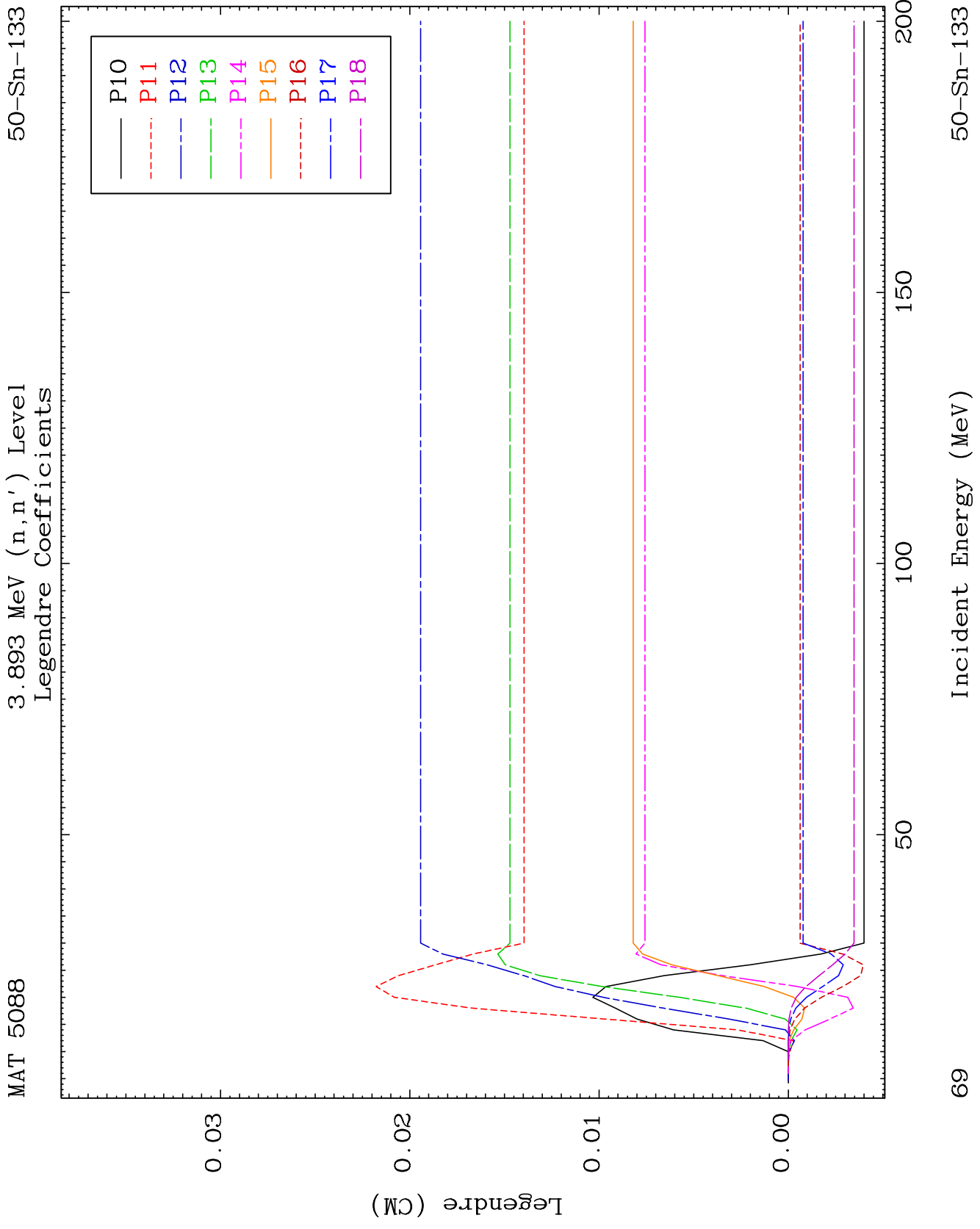
Incident Energy (MeV)

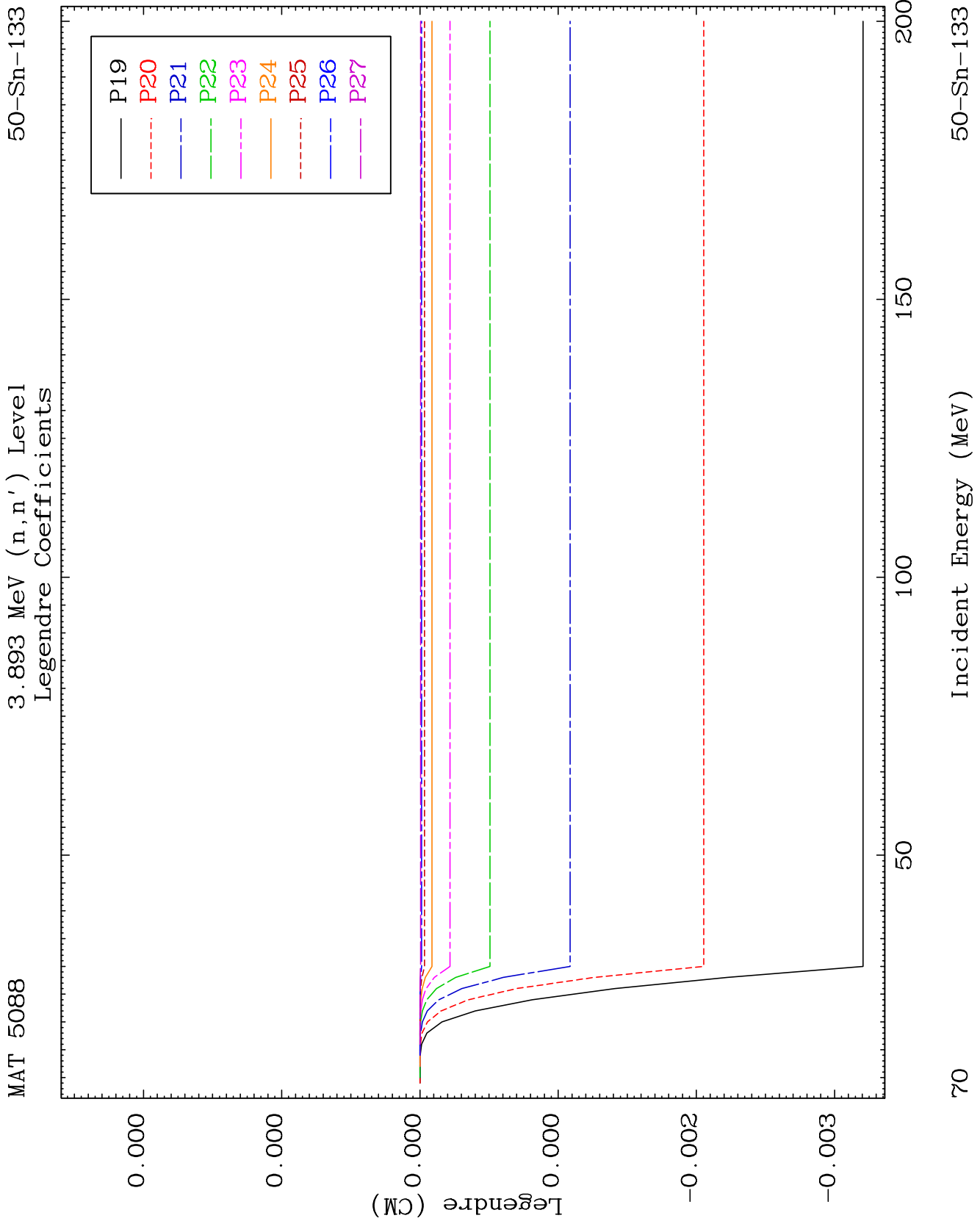
50-Sn-133

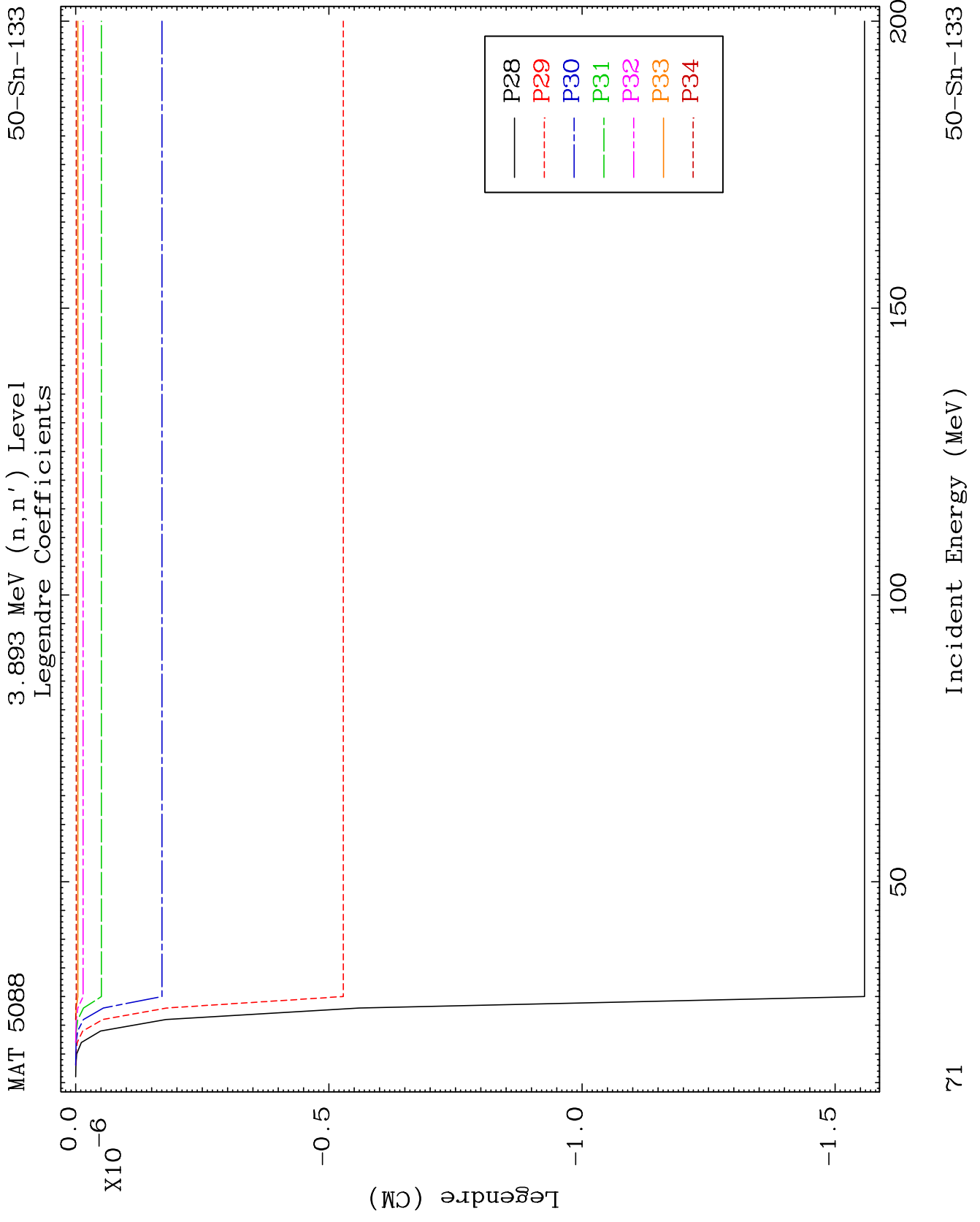














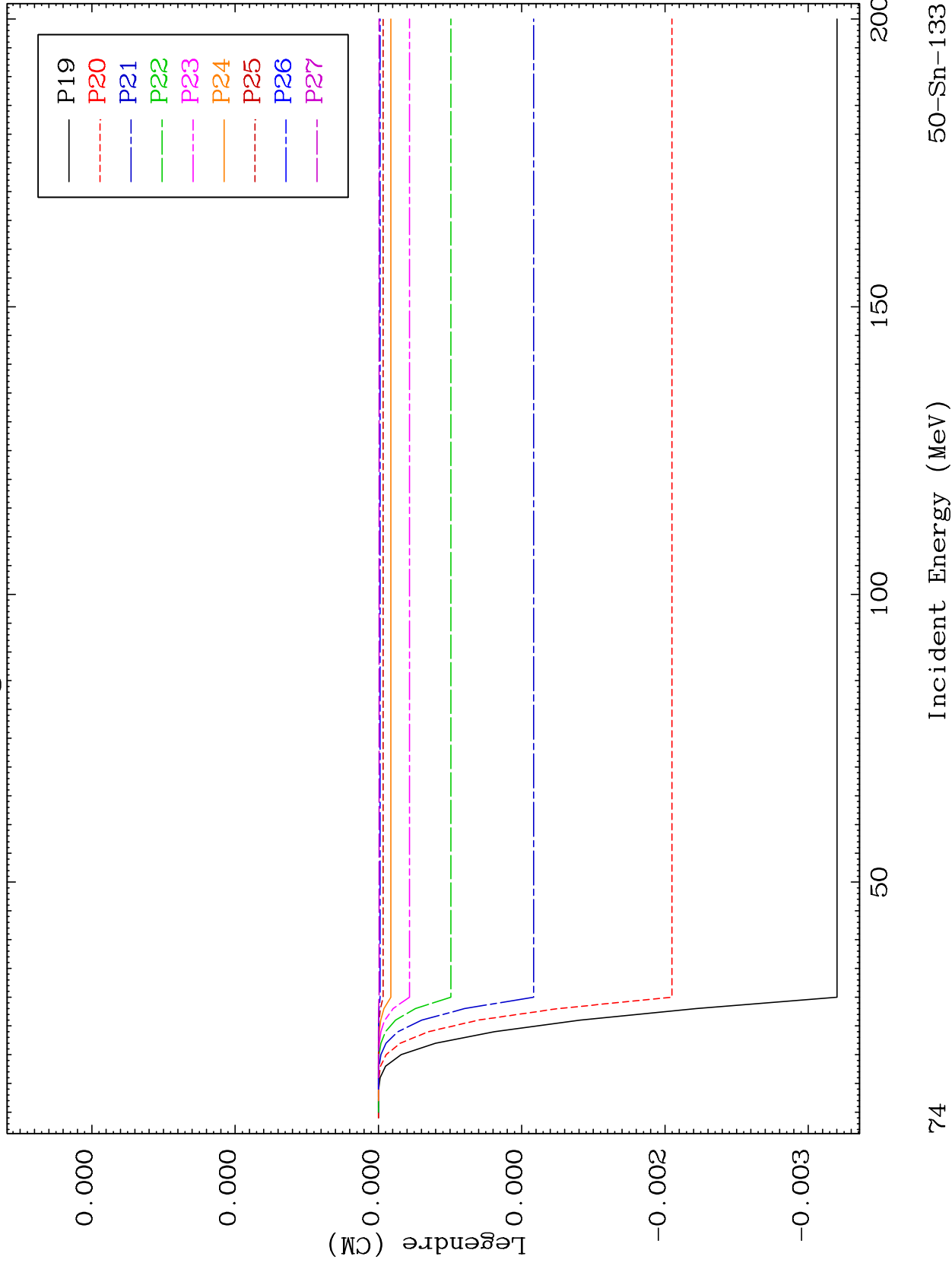




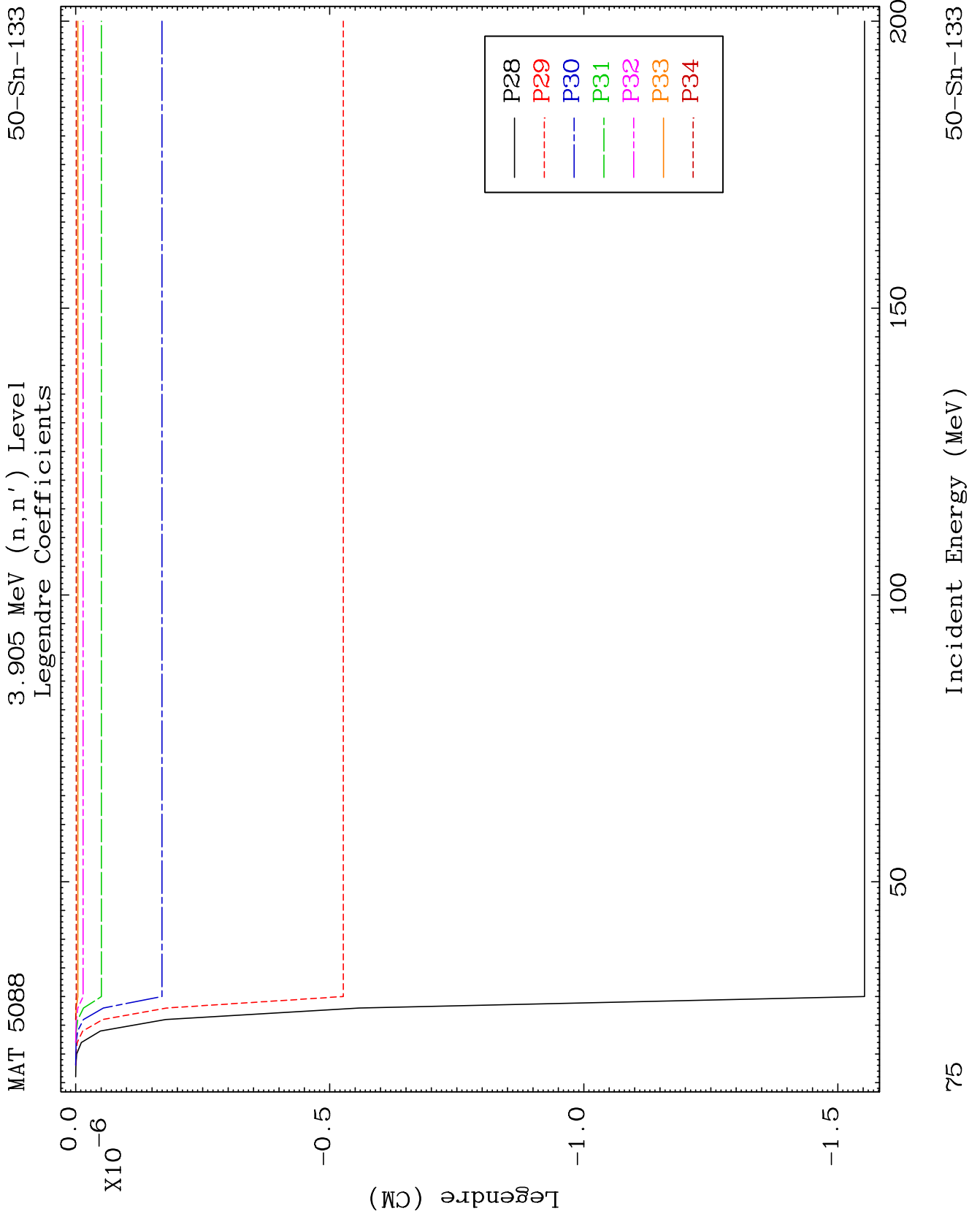
MAT 5088

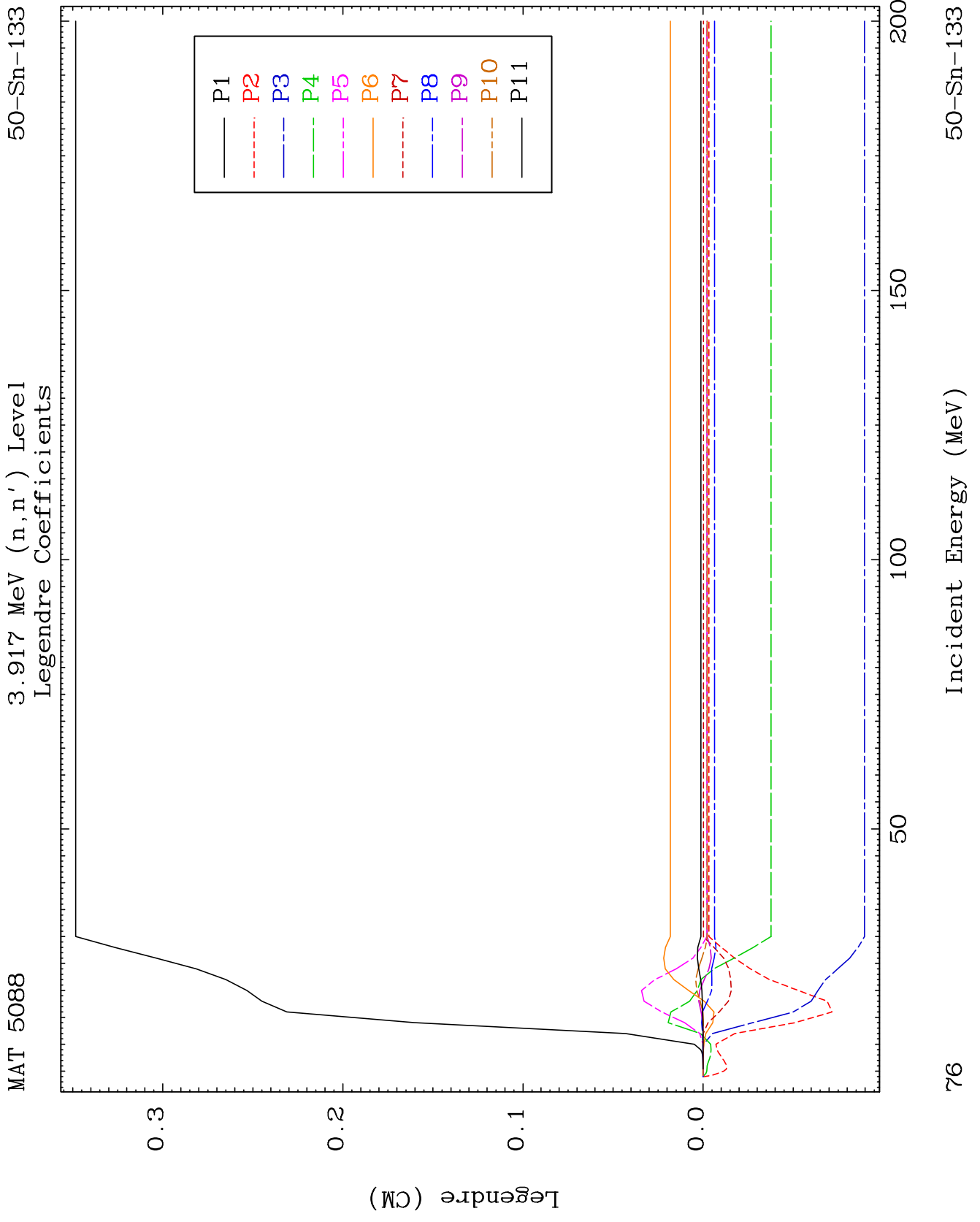
3.905 MeV (n,n') Level  
Legendre Coefficients

50-Sn-133



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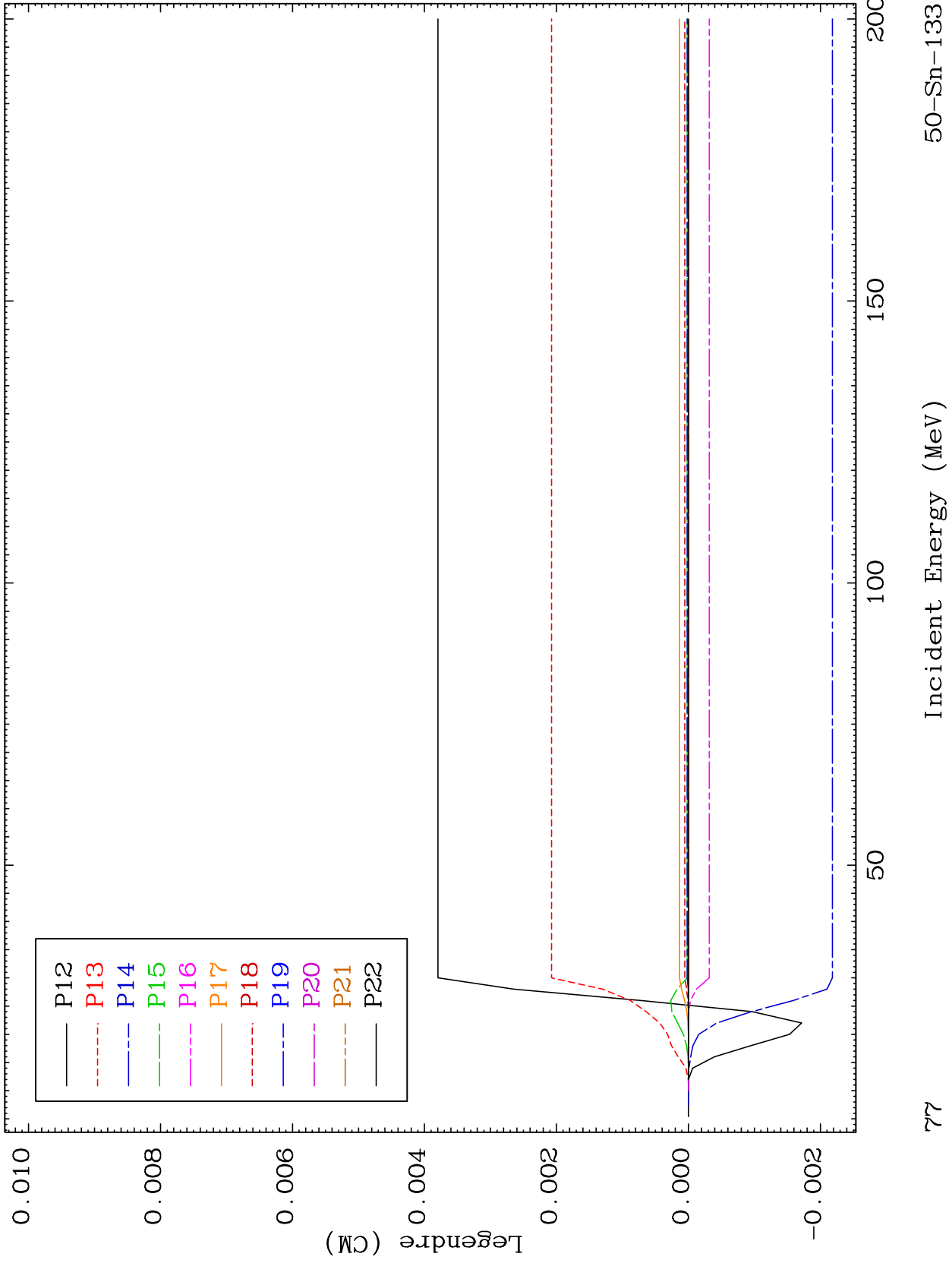


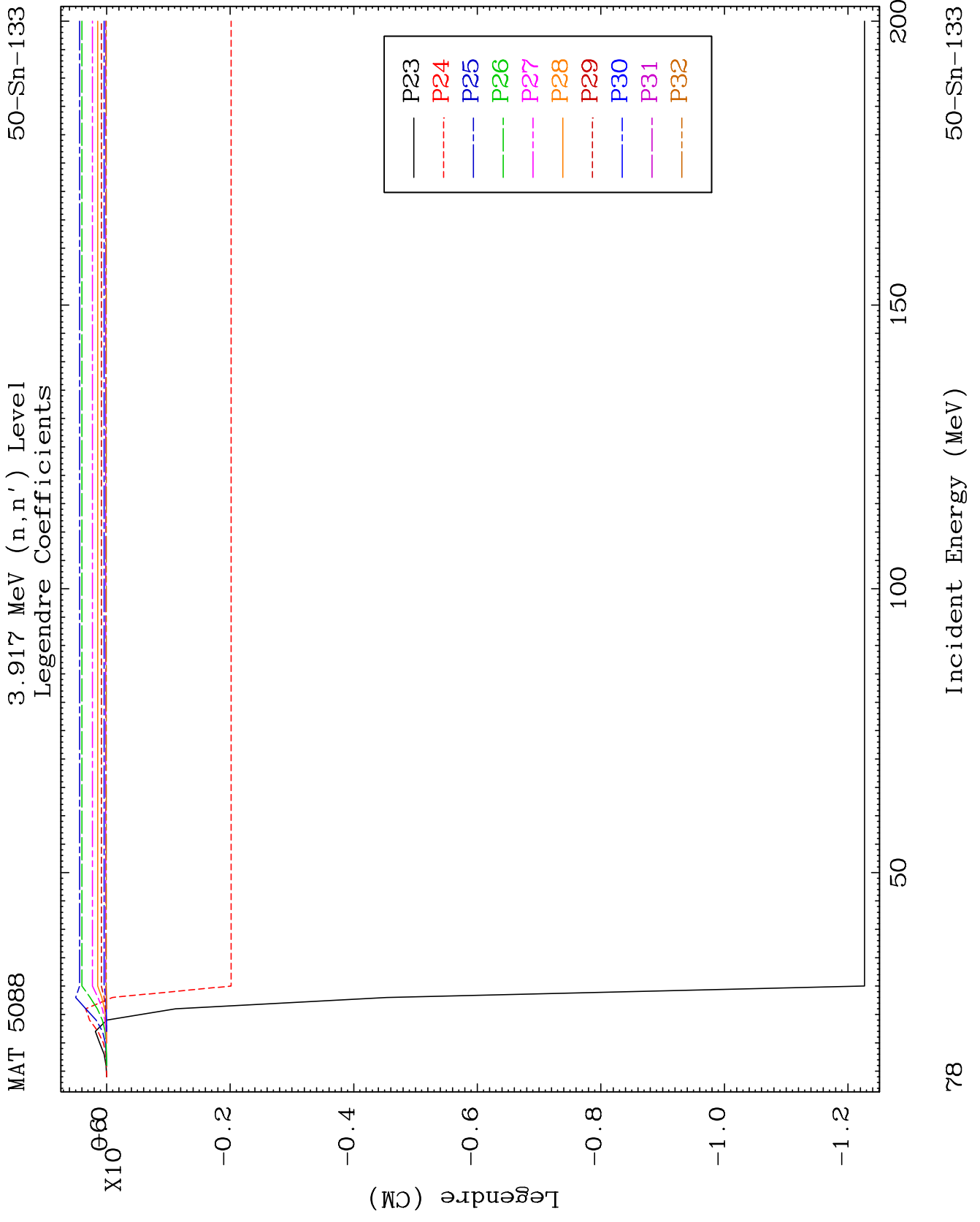


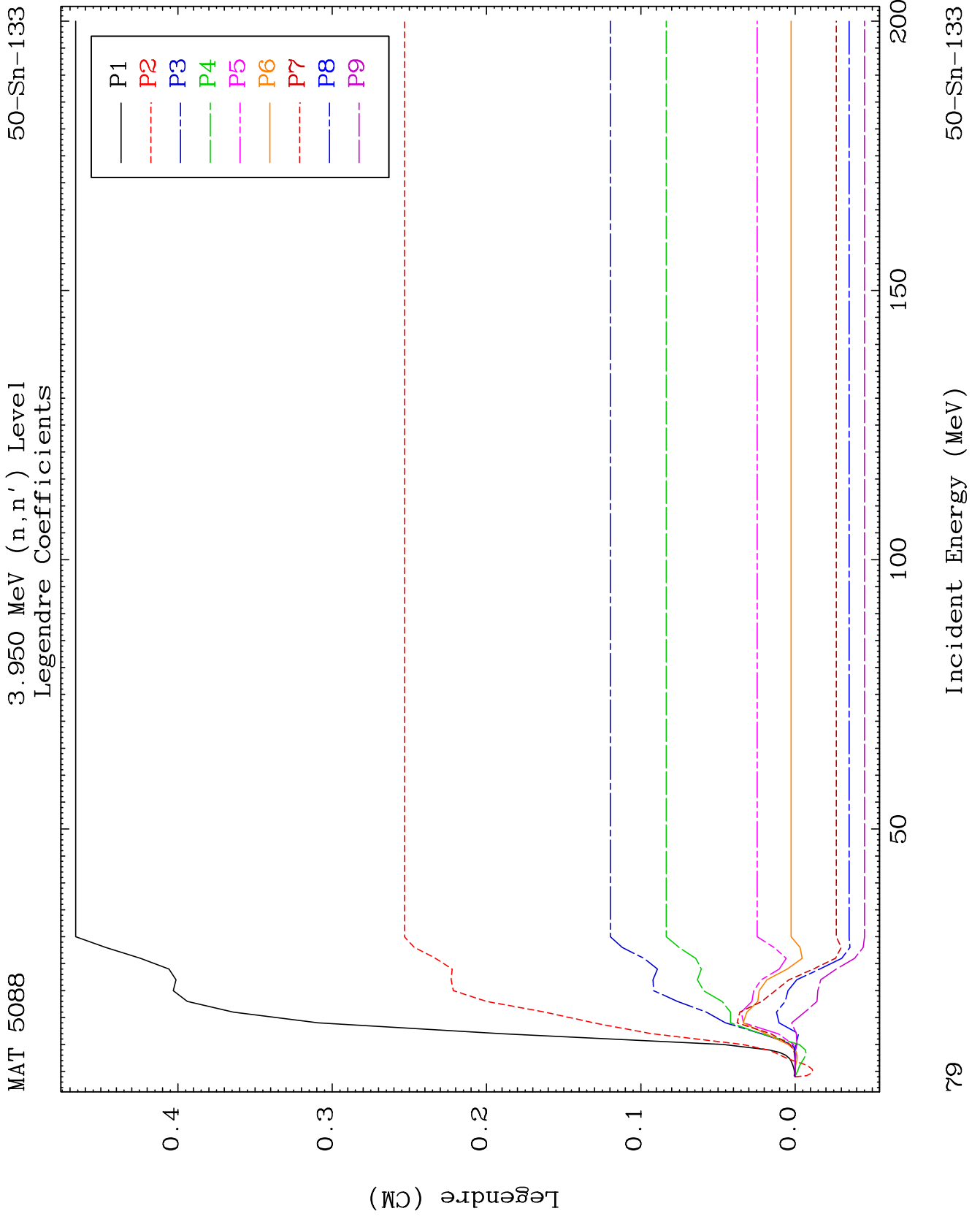
MAT 5088

3.917 MeV (n,n') Level  
Legendre Coefficients

50-Sn-133

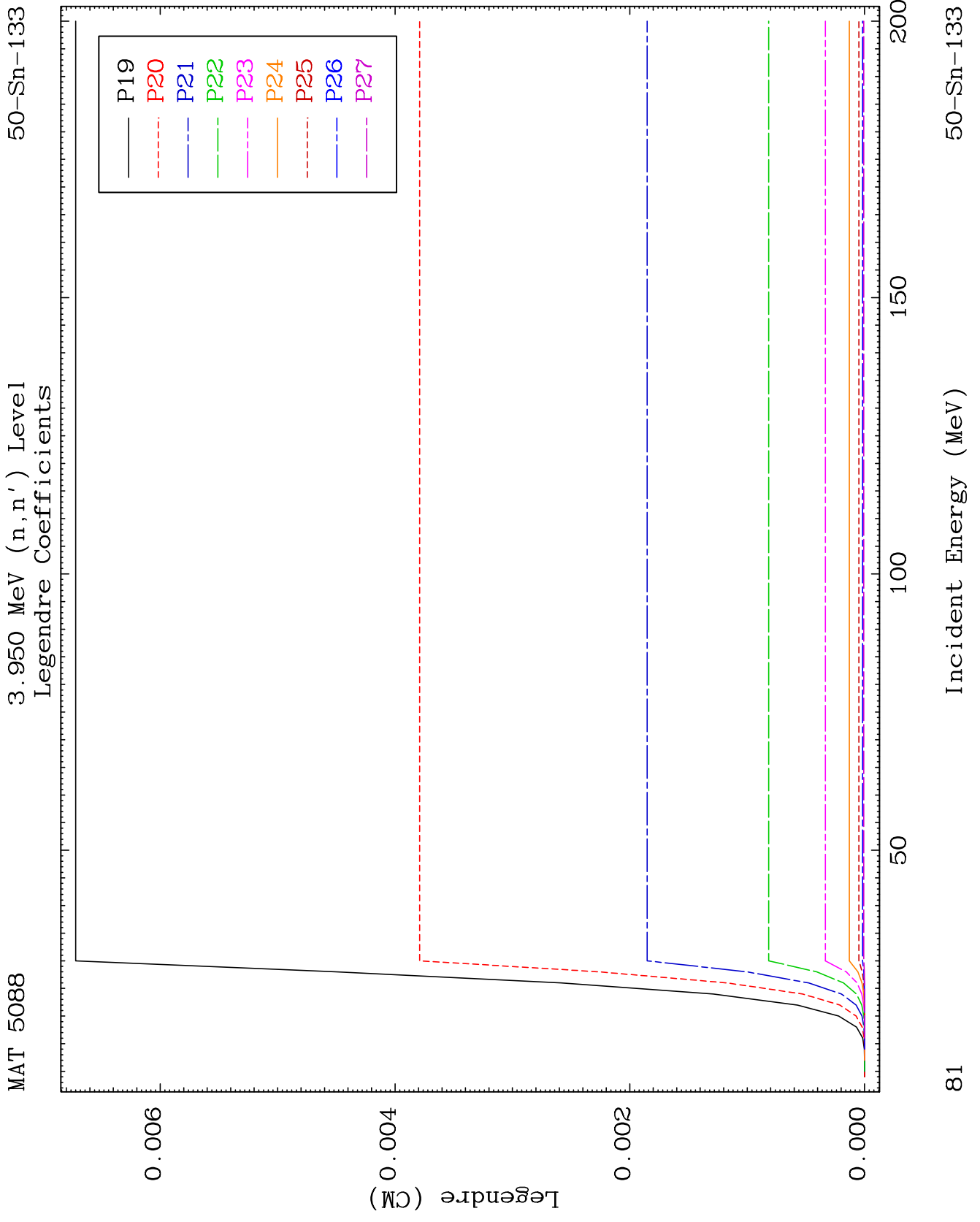












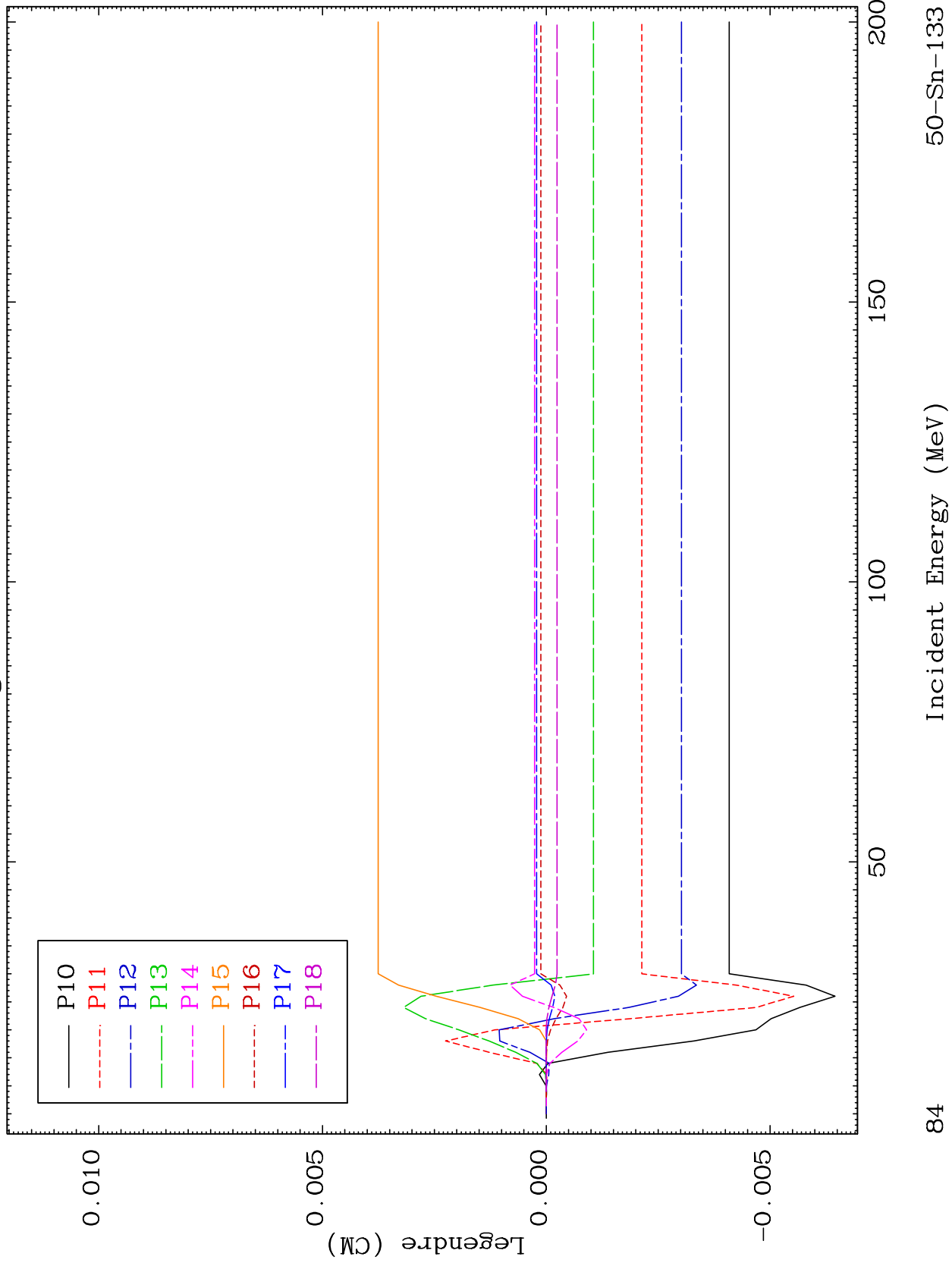


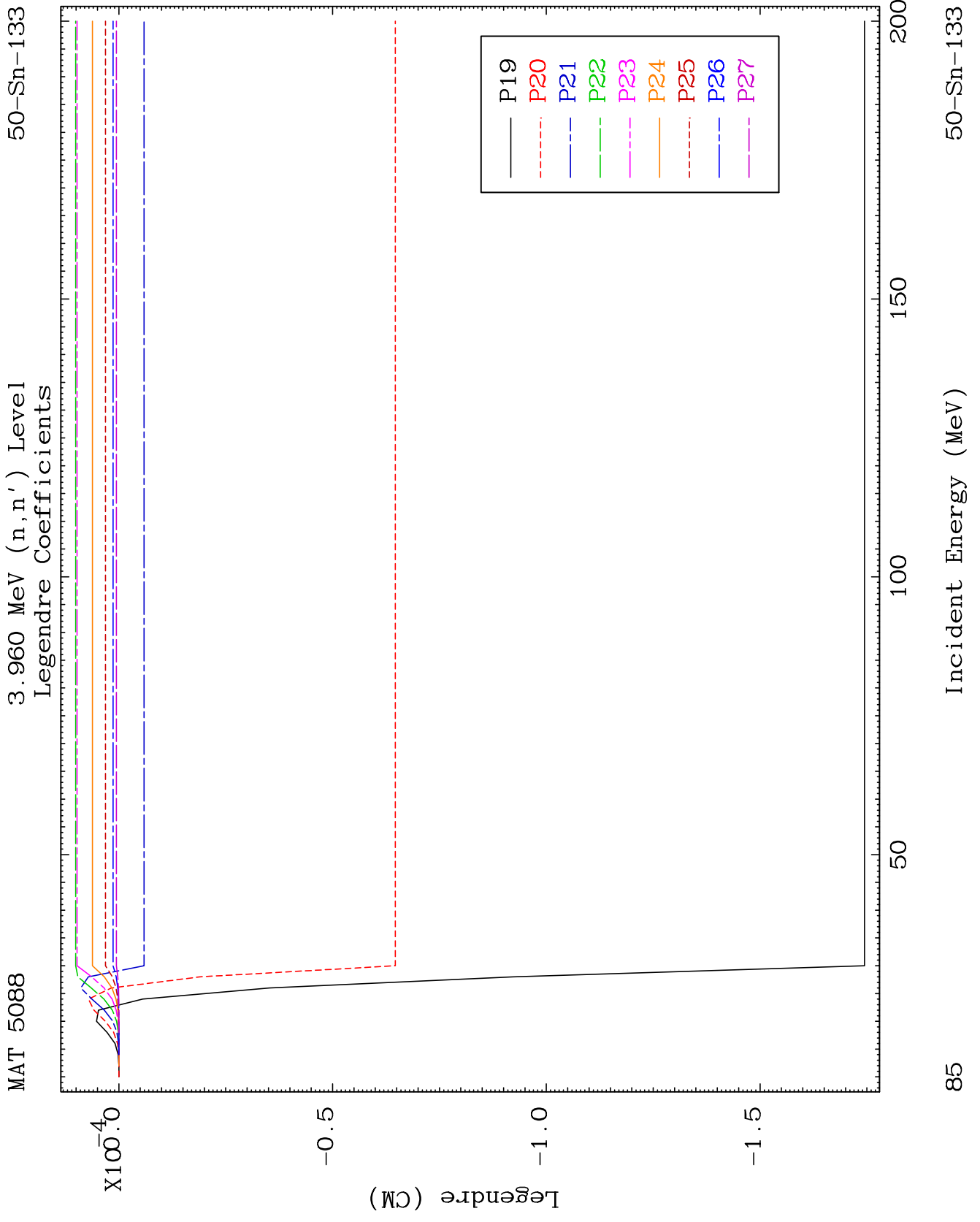


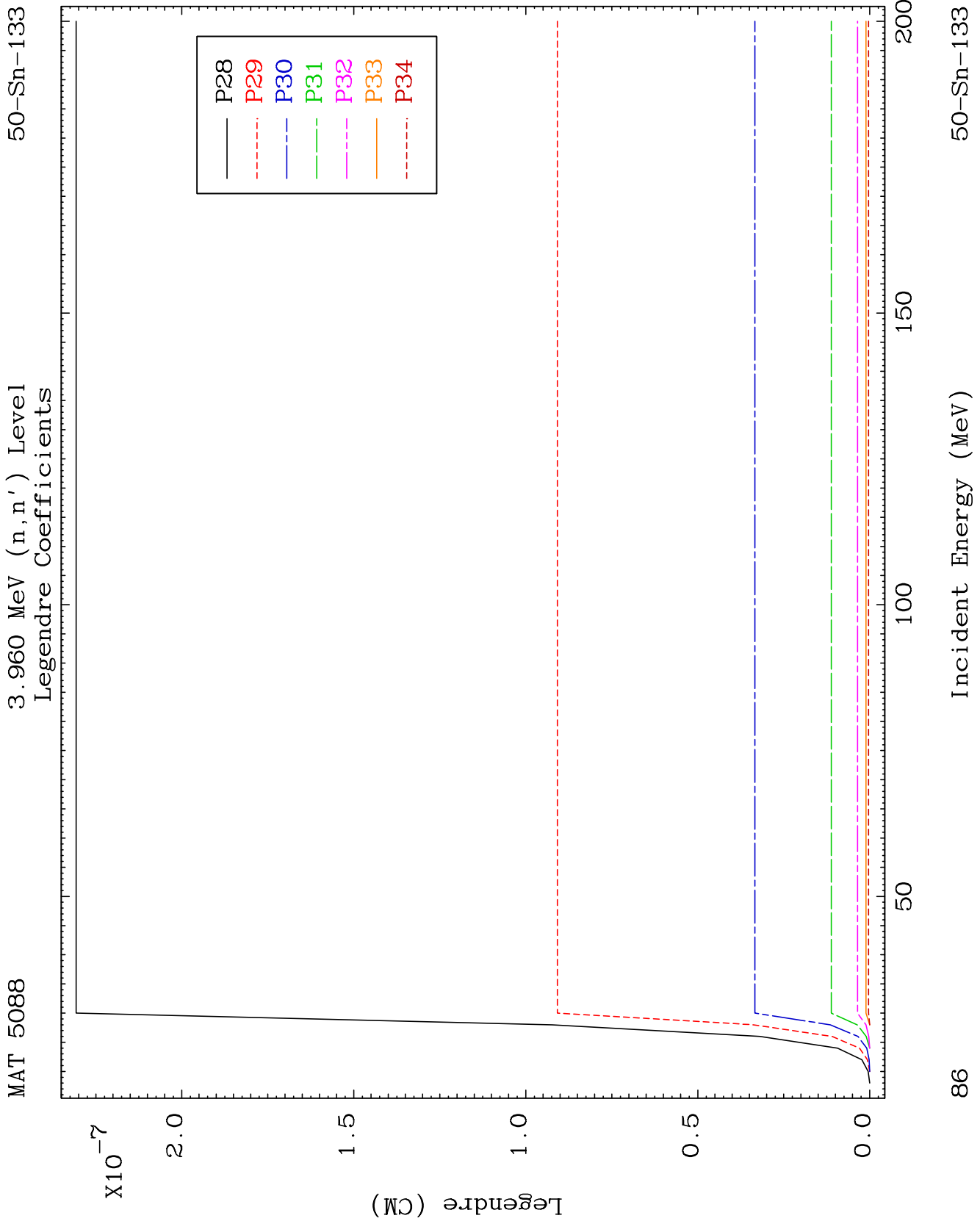
MAT 5088

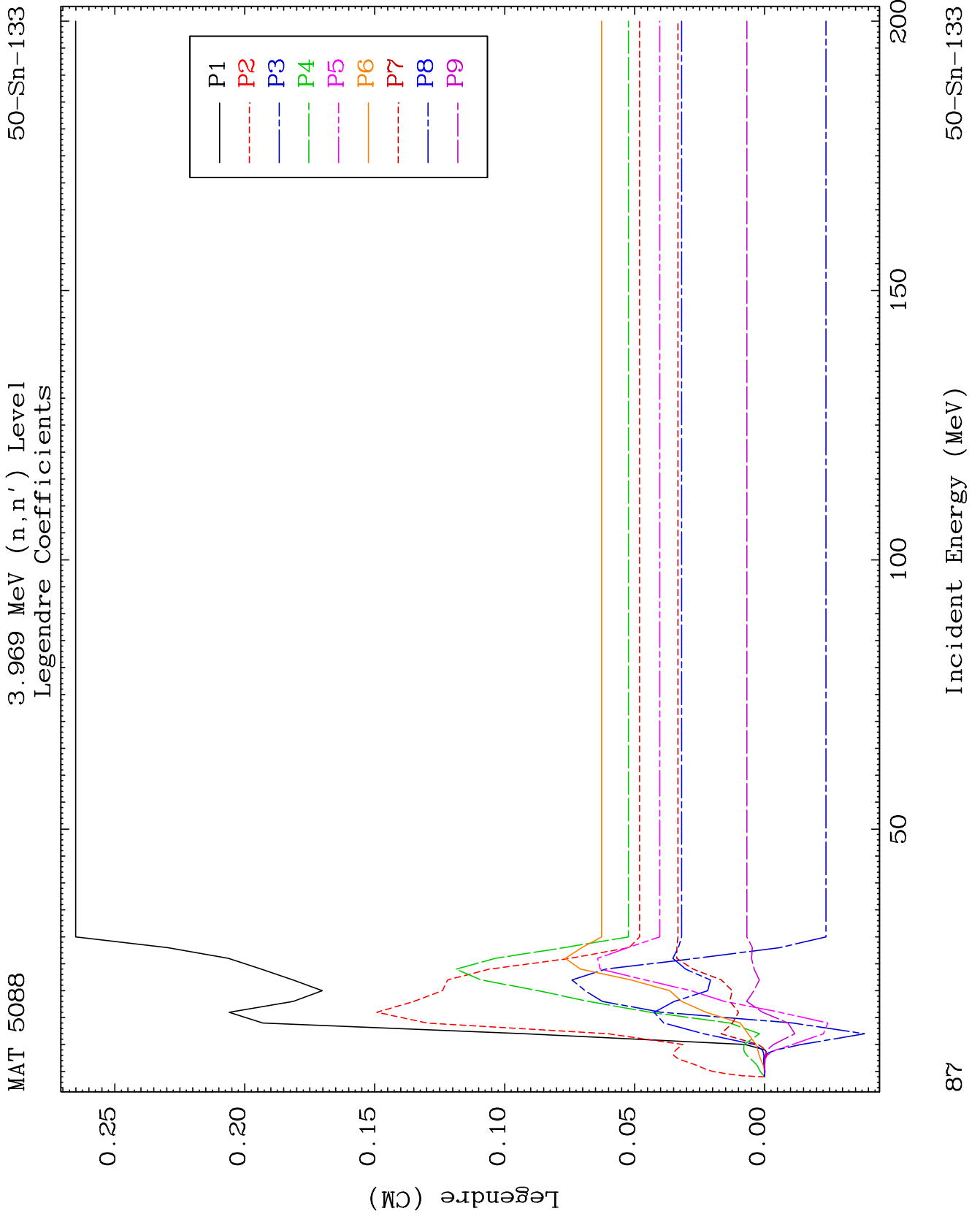
3.960 MeV (n,n') Level  
Legendre Coefficients

50-Sn-133







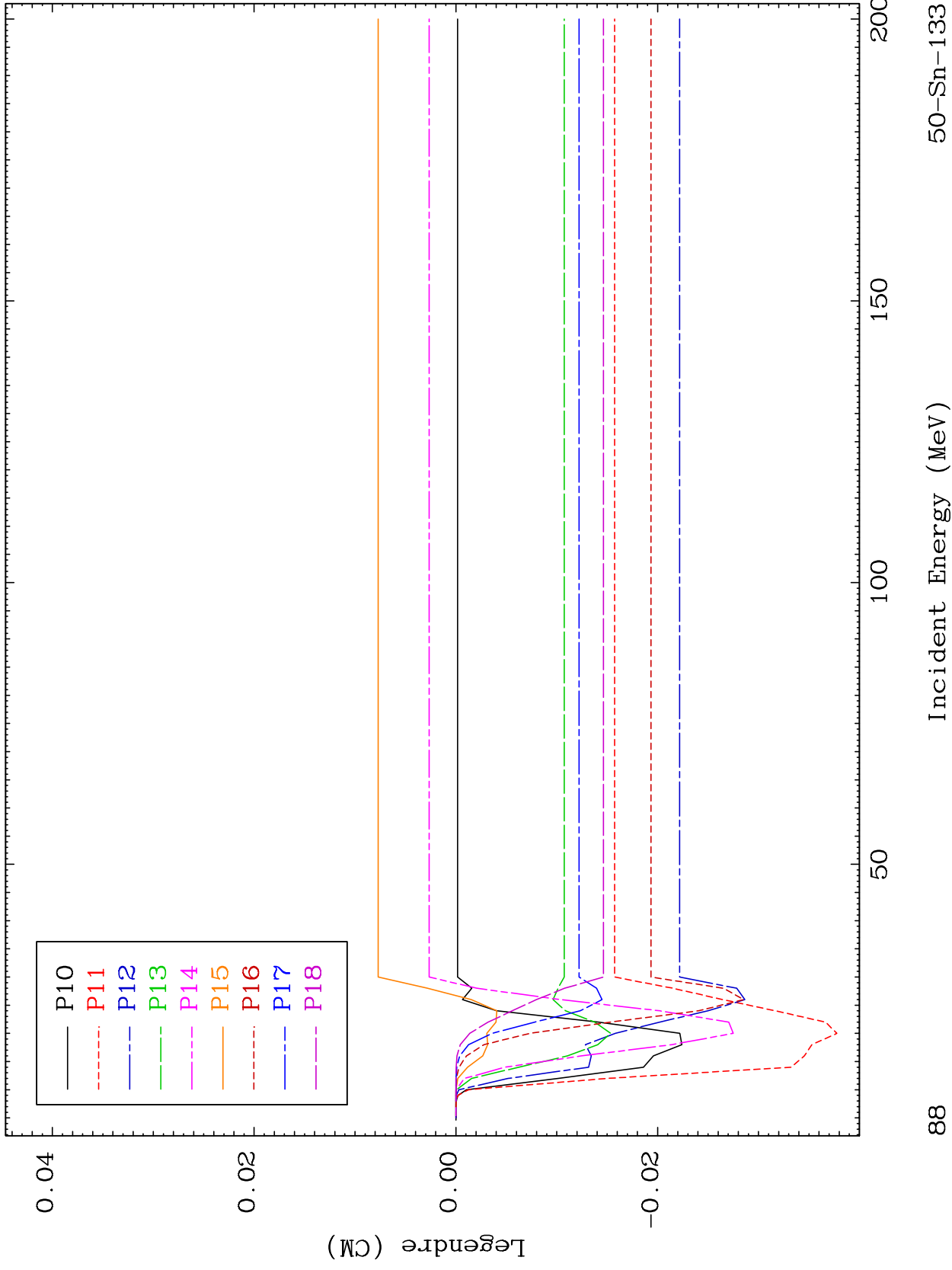




MAT 5088

3.969 MeV (n,n') Level  
Legendre Coefficients

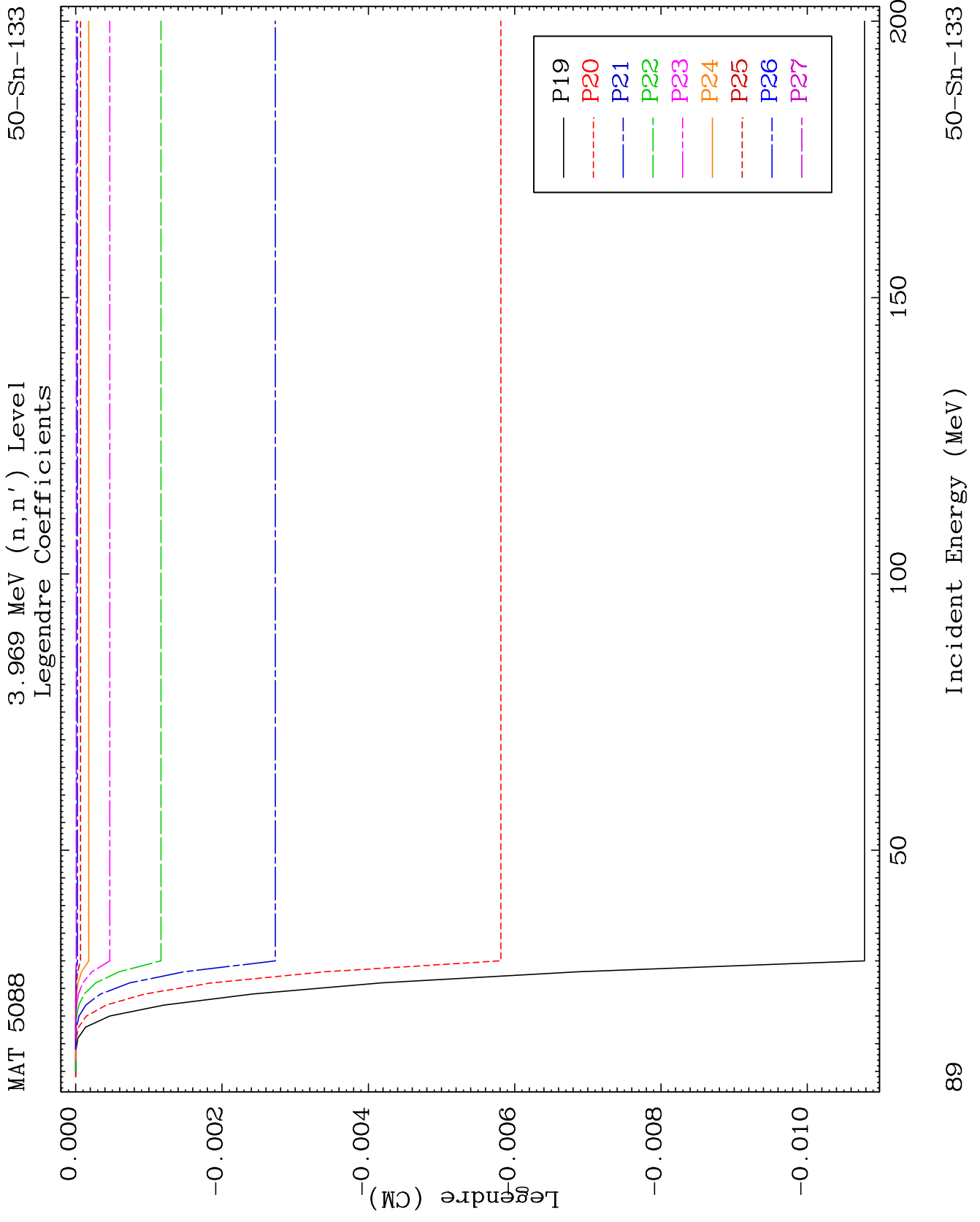
50-Sn-133

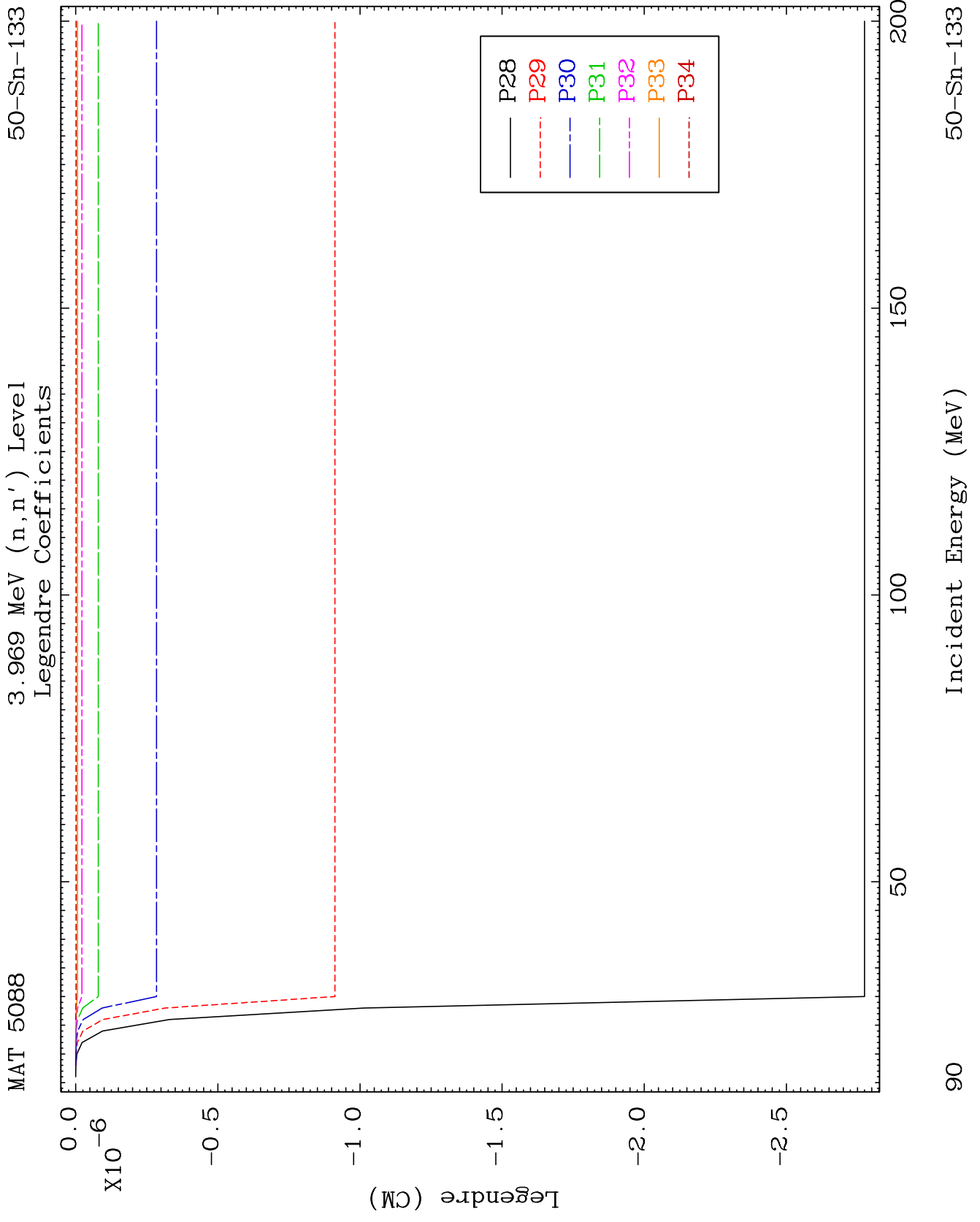


88

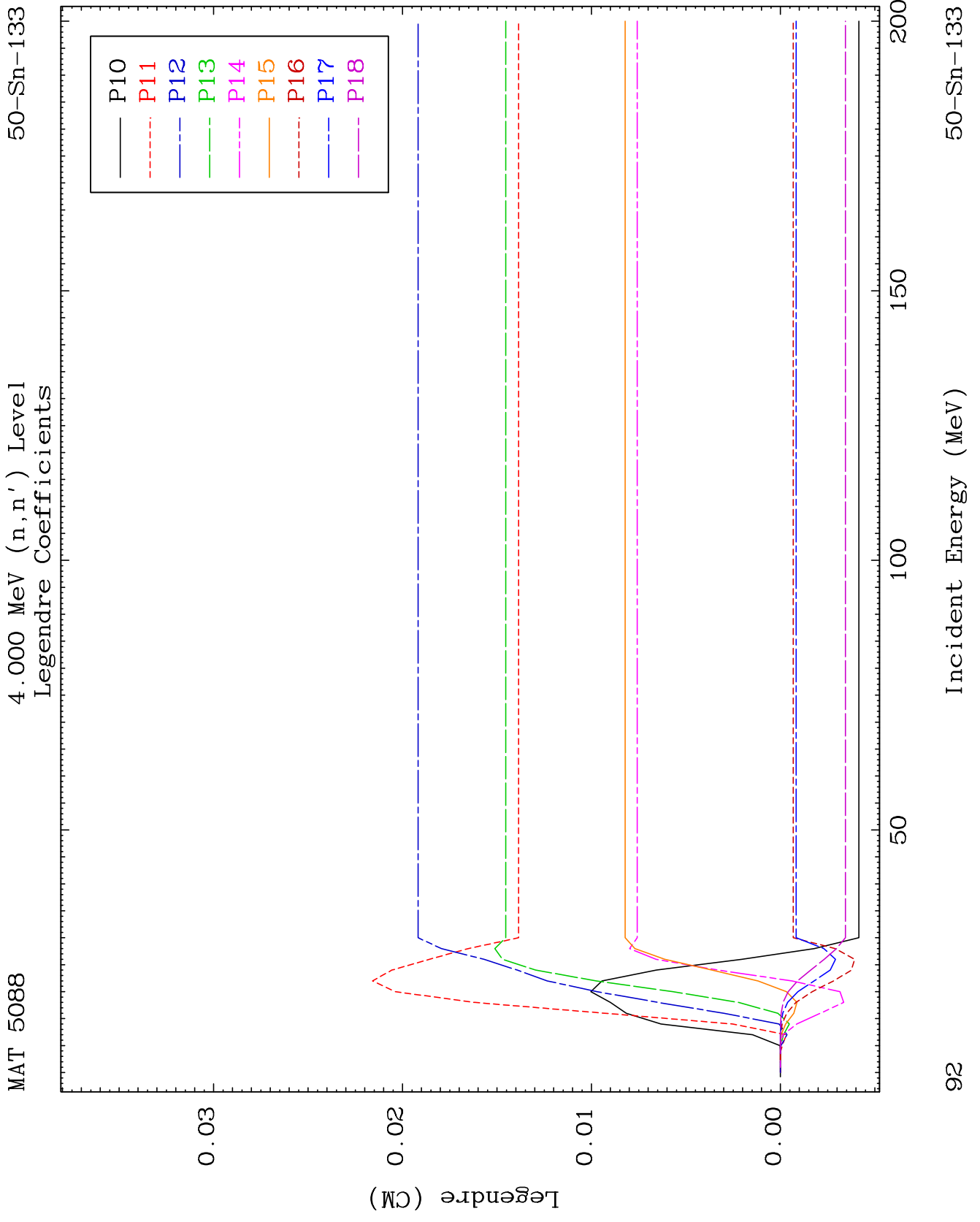
Incident Energy (MeV)

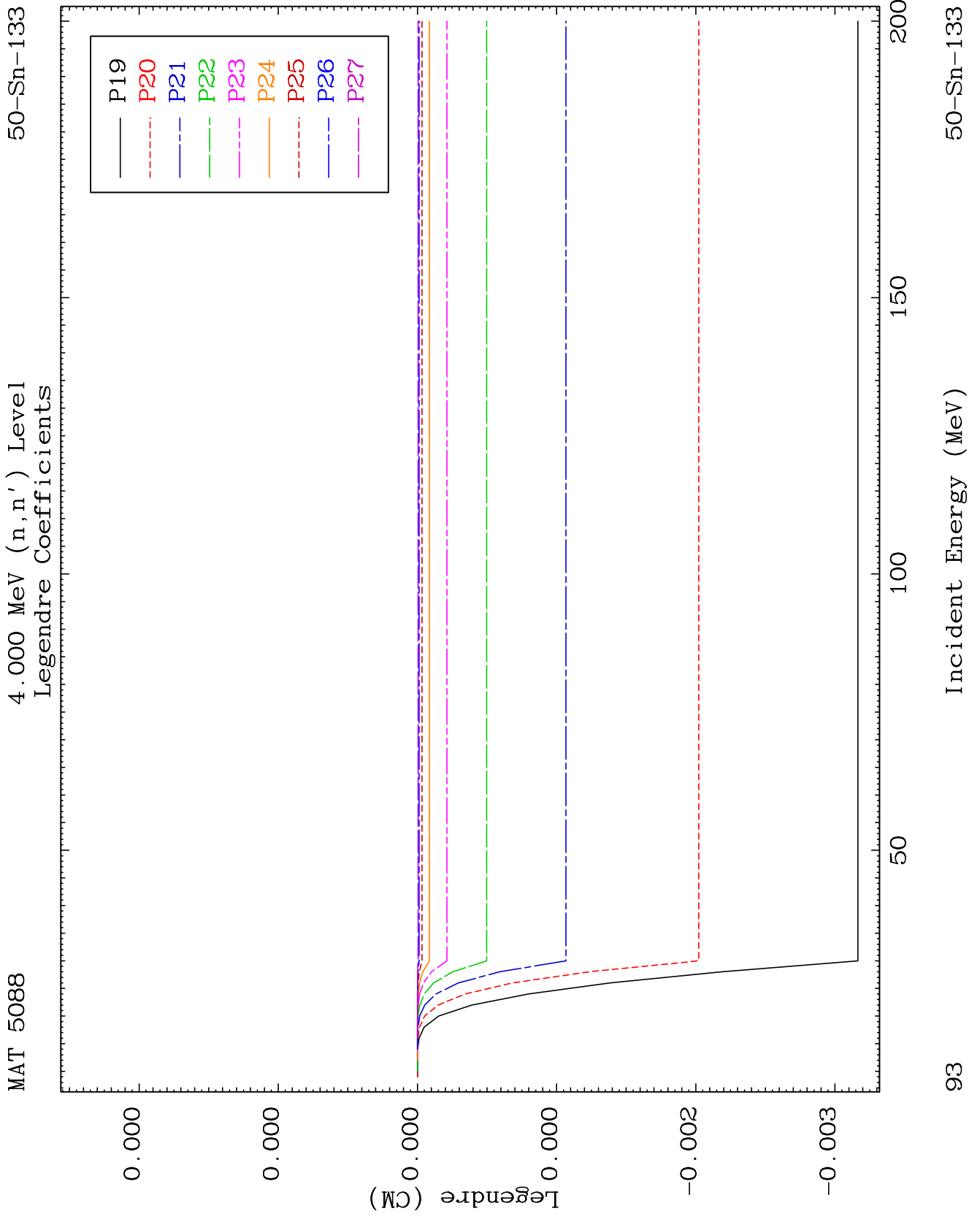
50-Sn-133

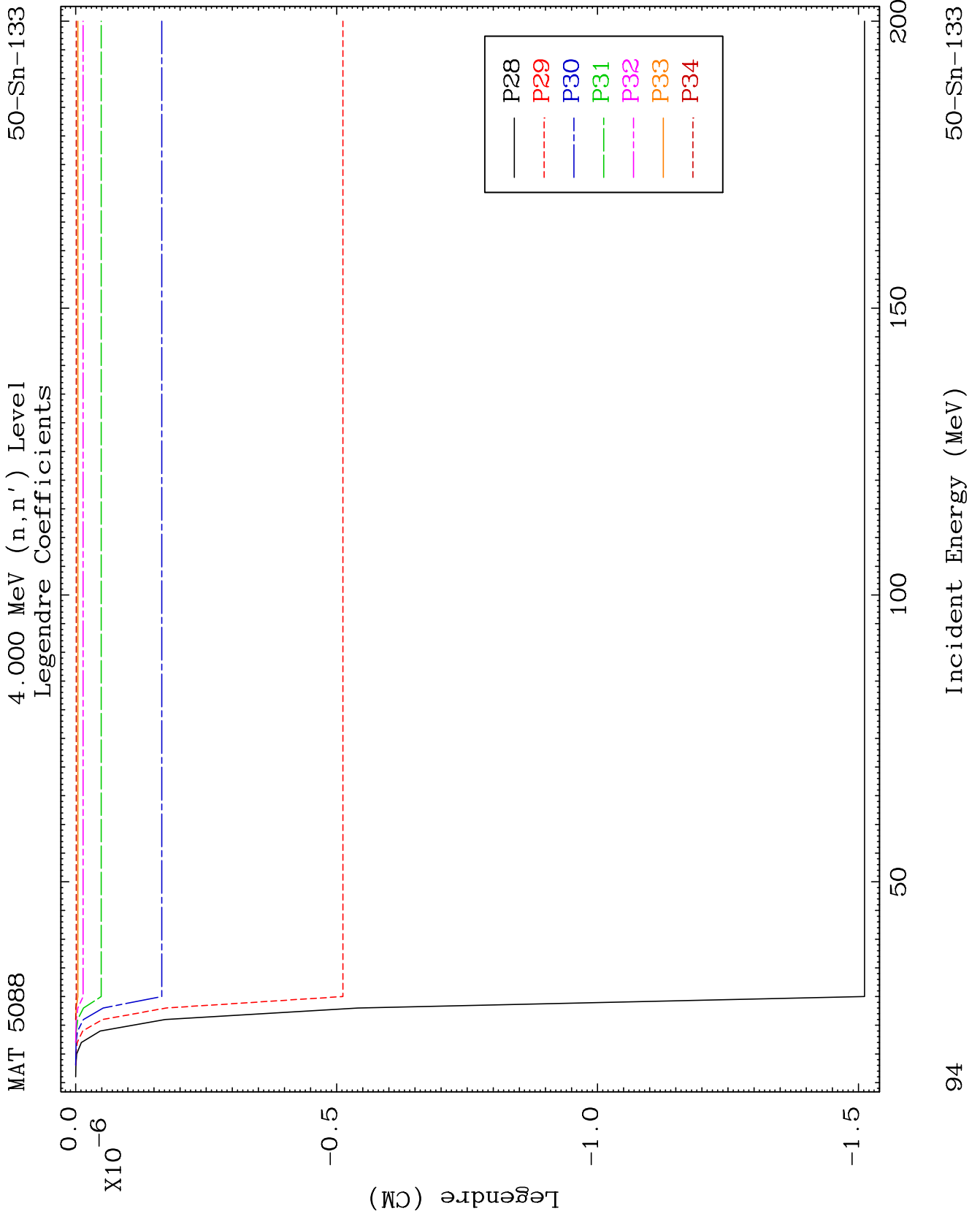






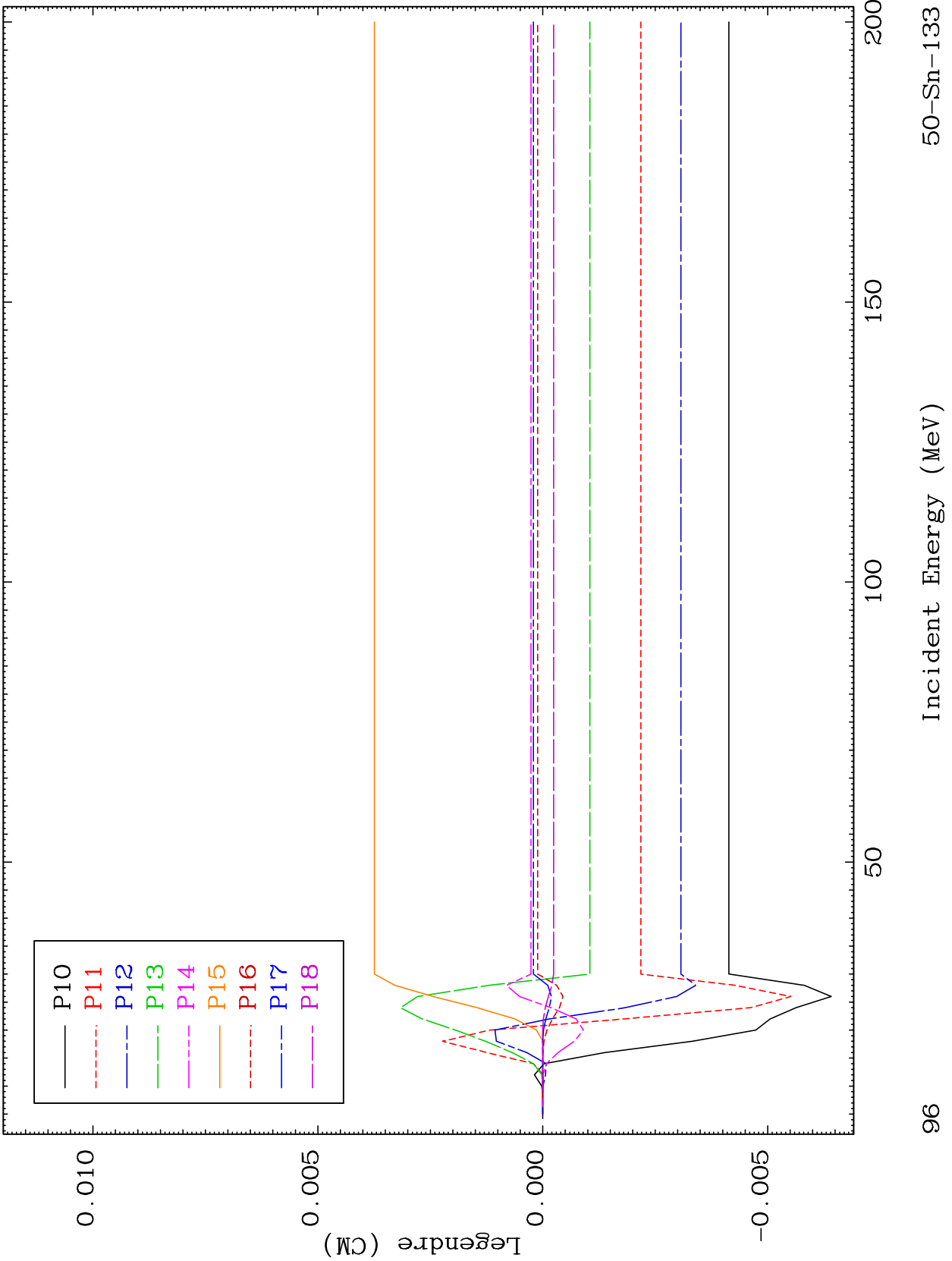


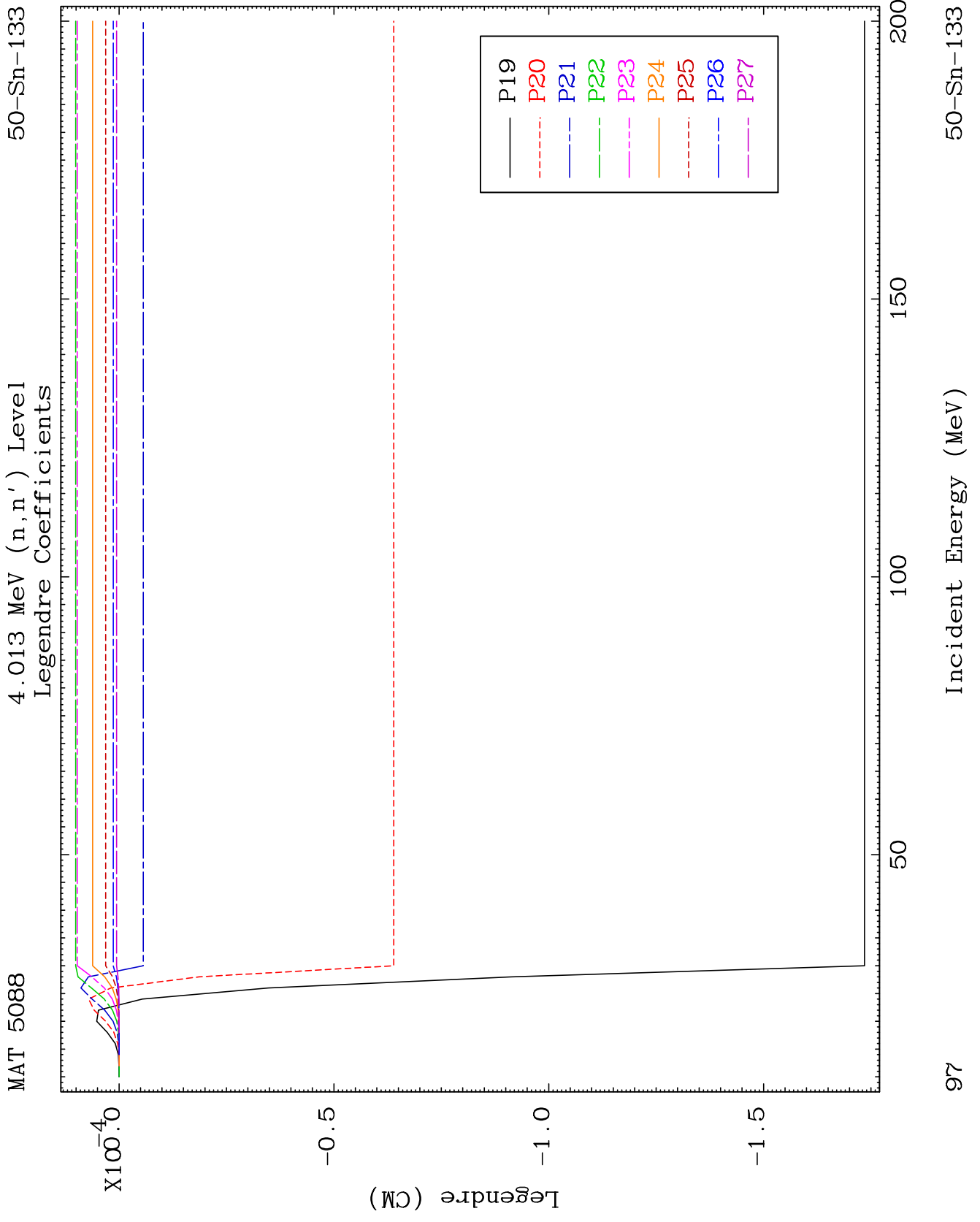


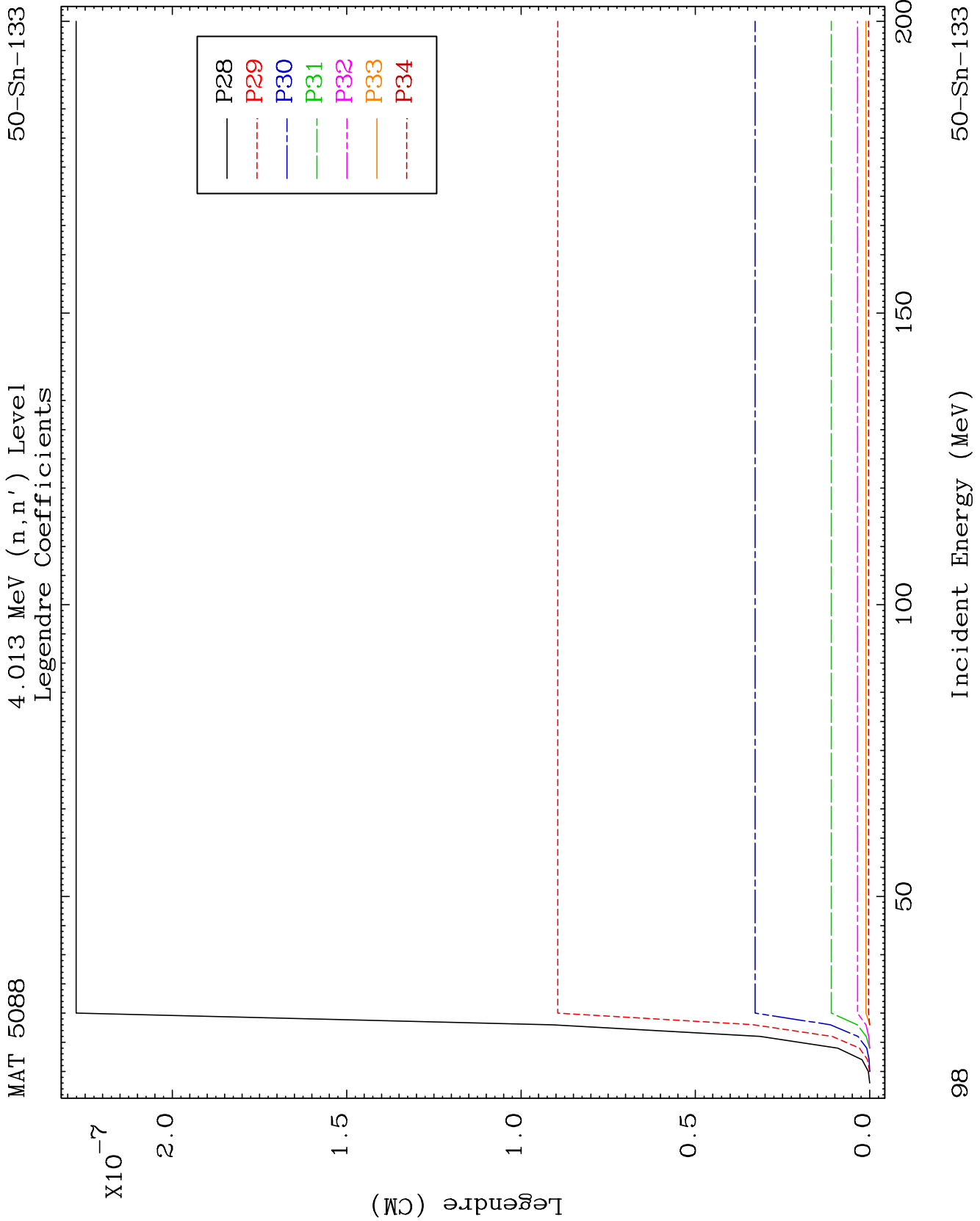


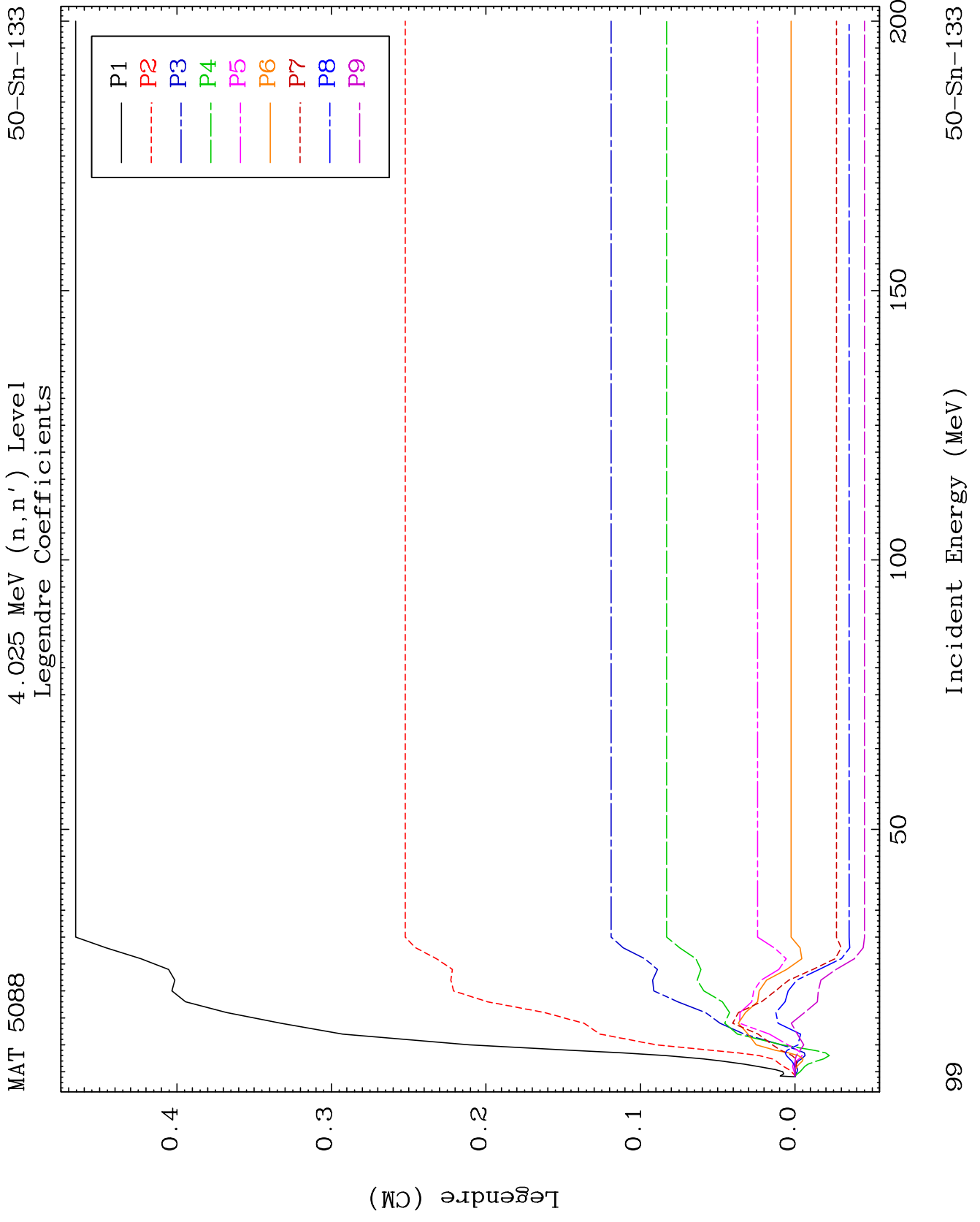








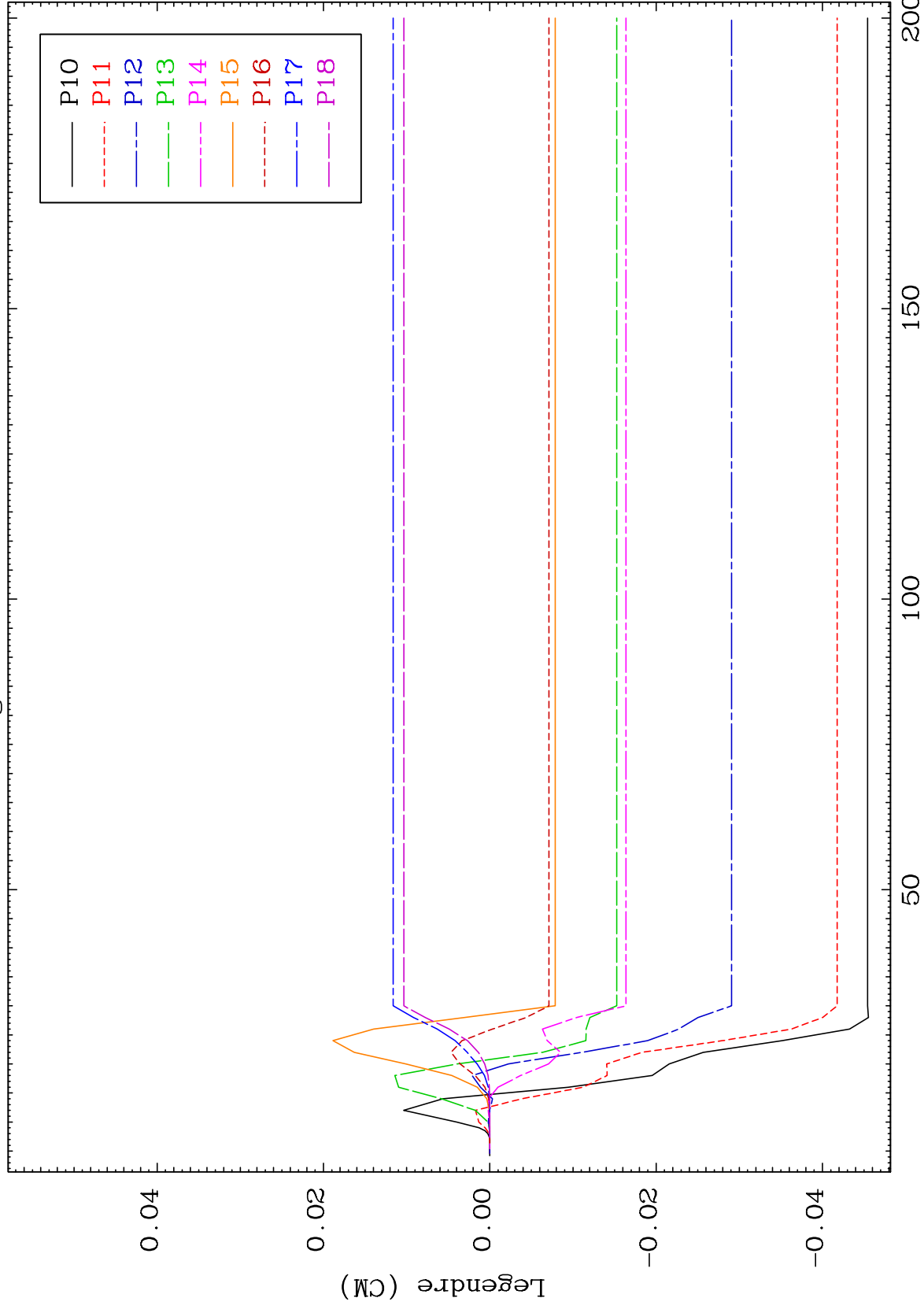




MAT 5088

4.025 MeV (n,n') Level  
Legendre Coefficients

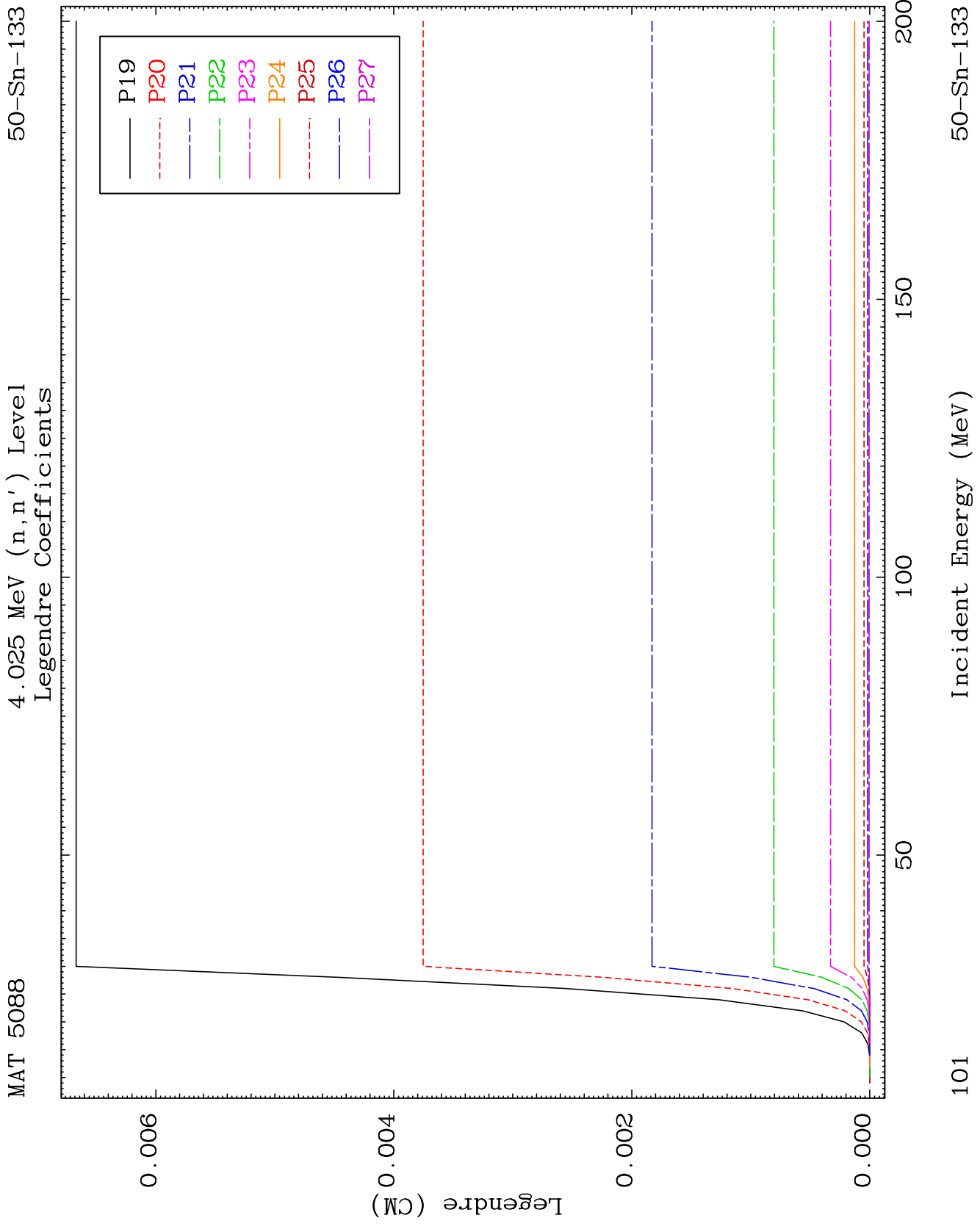
50-Sn-133

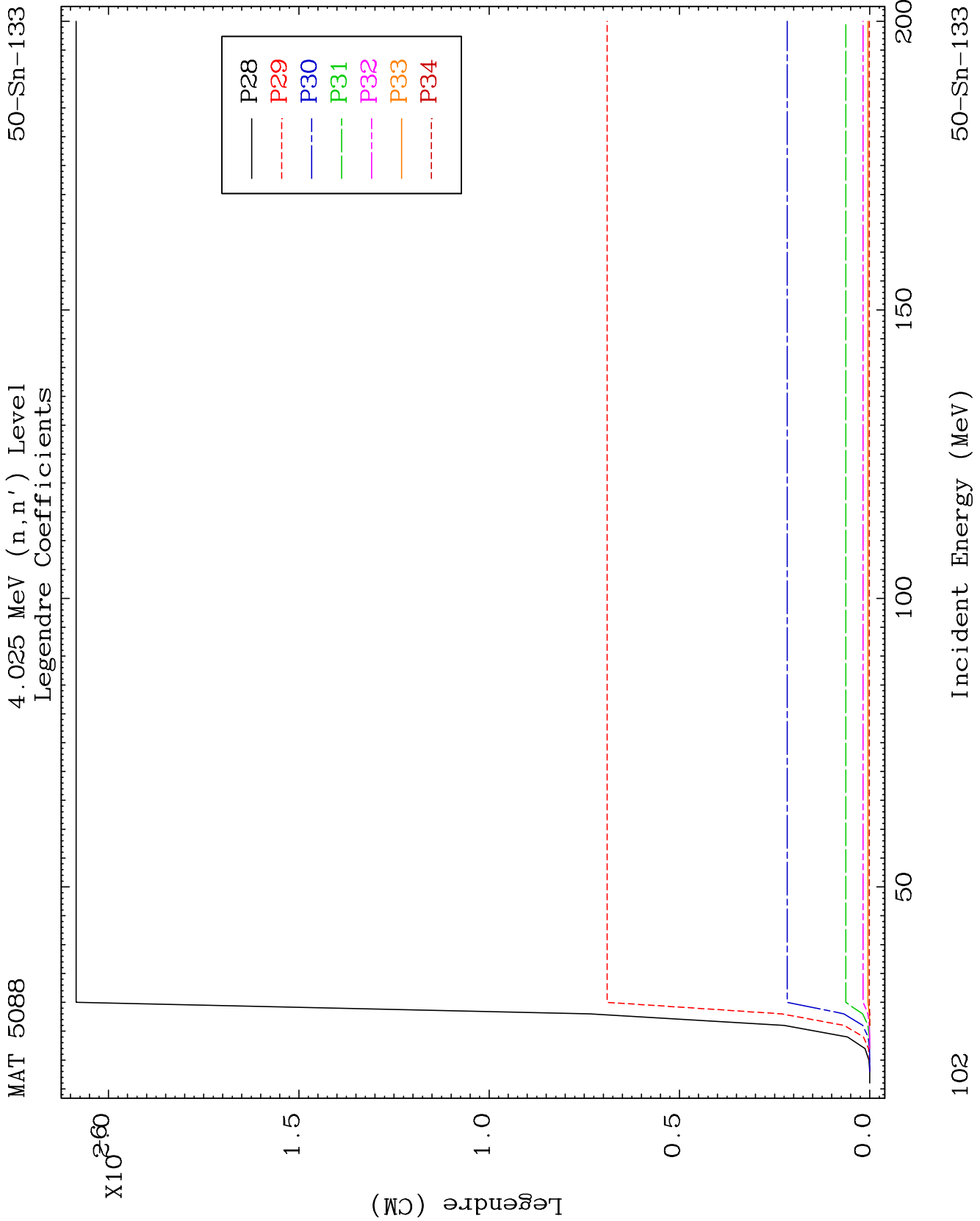


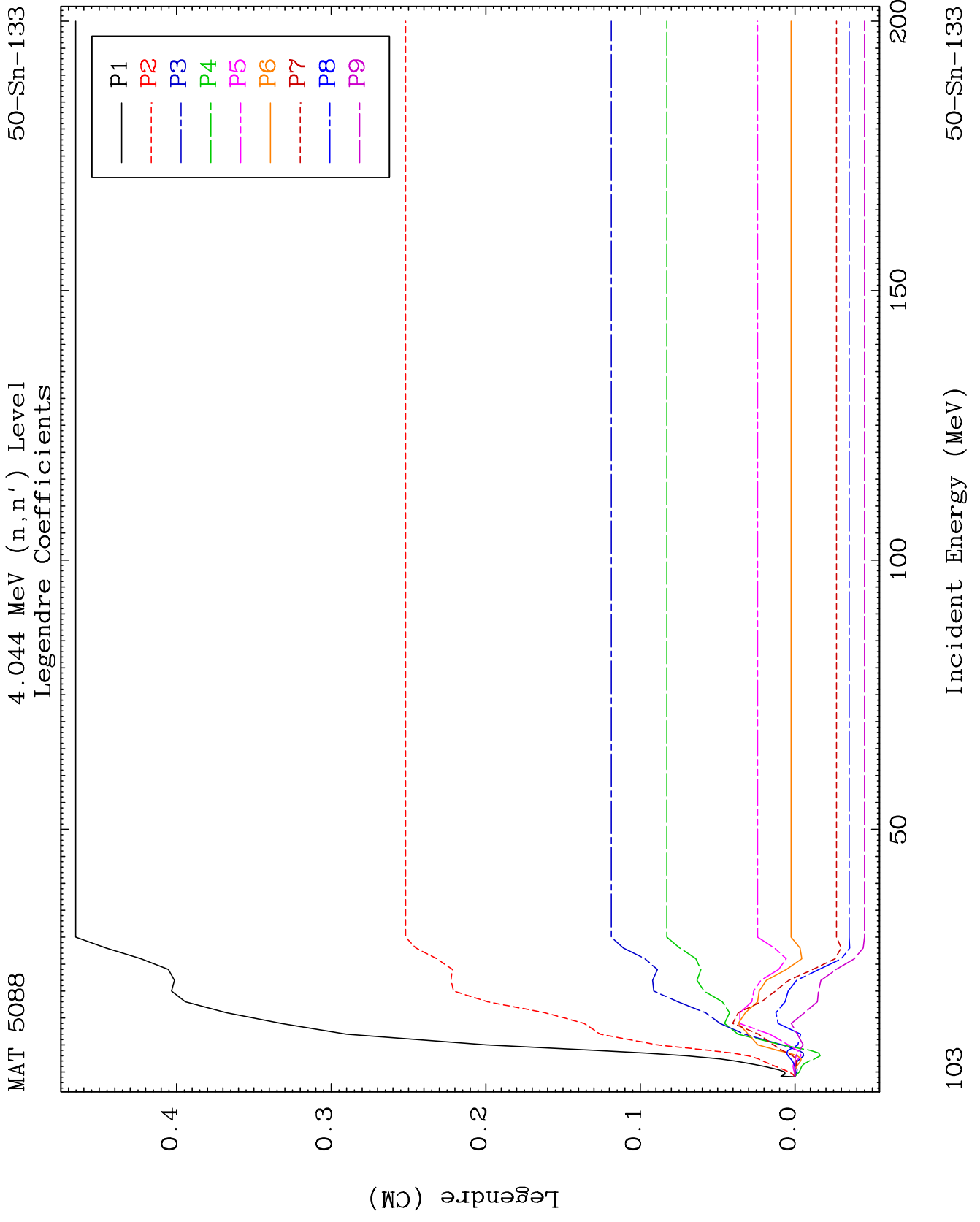
100

Incident Energy (MeV)

50-Sn-133





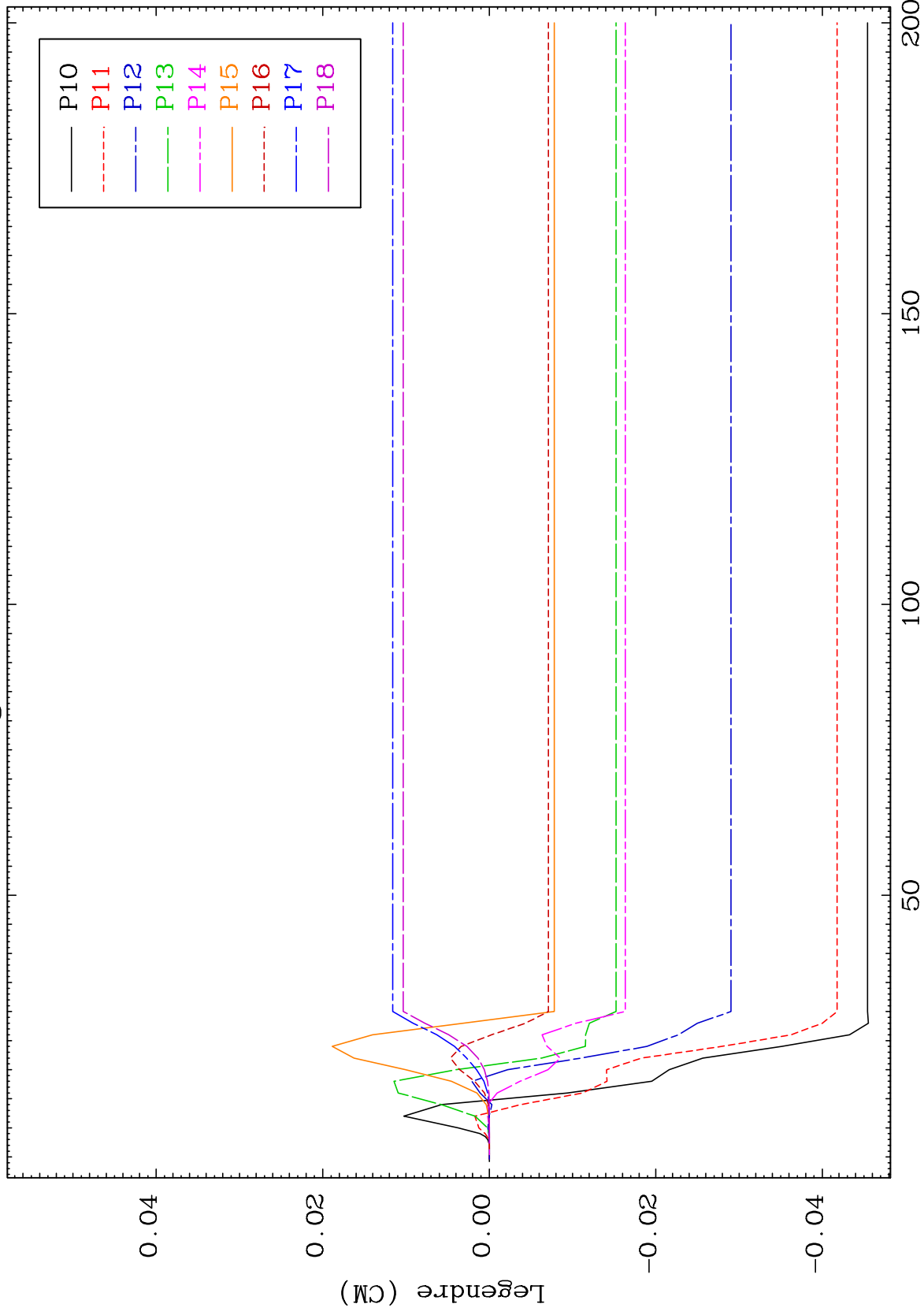




MAT 5088

4.044 MeV (n,n') Level  
Legendre Coefficients

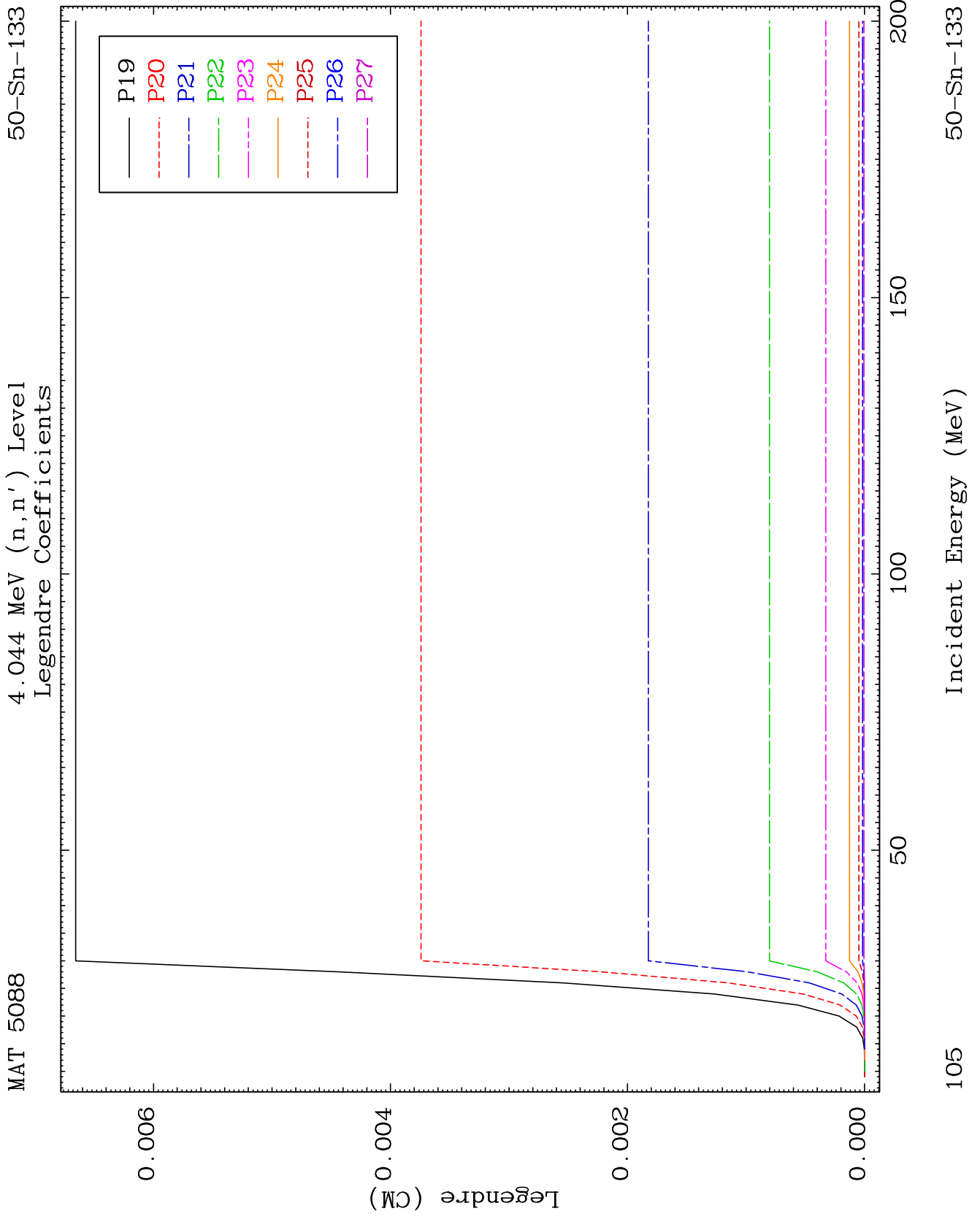
50-Sn-133



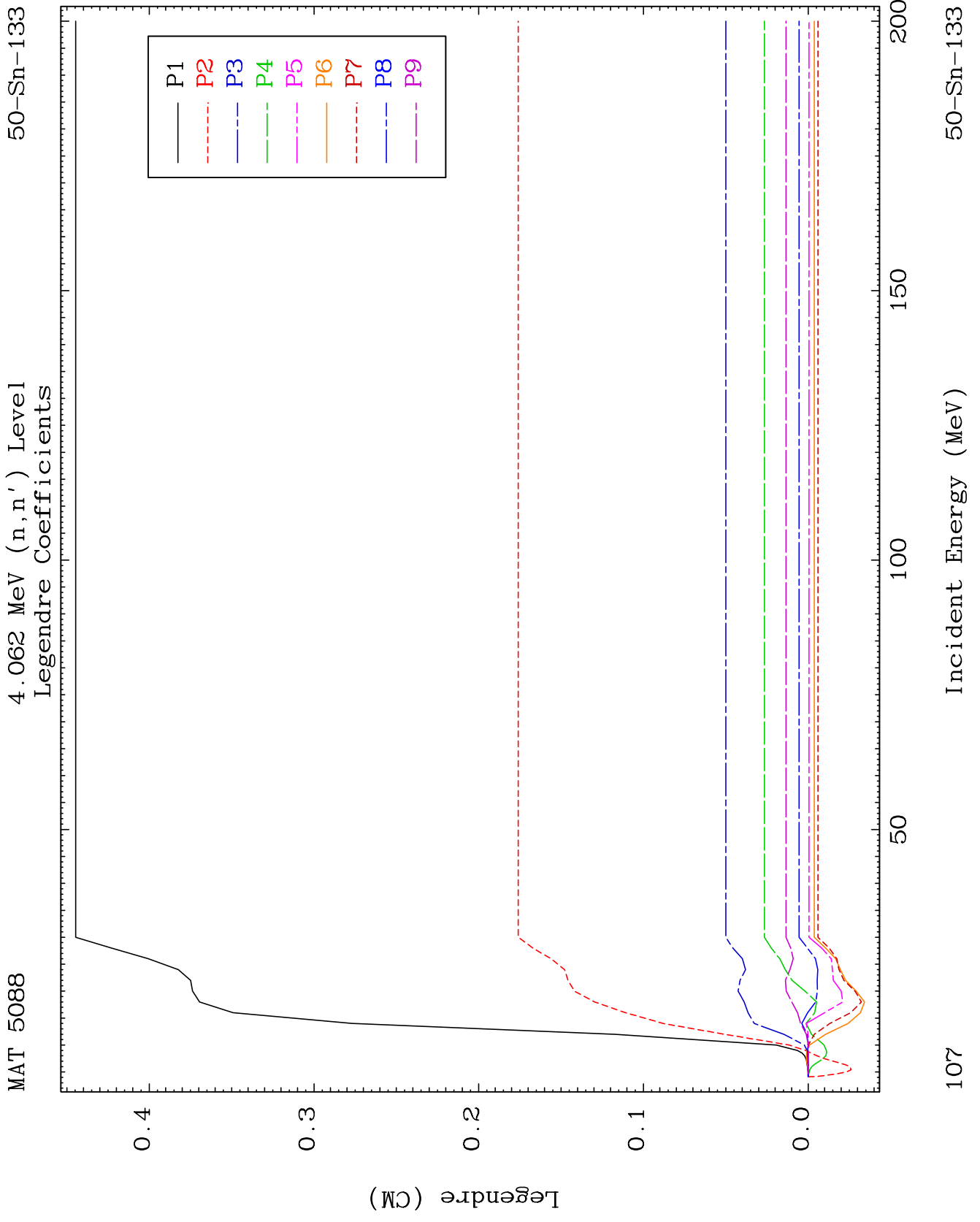
104

Incident Energy (MeV)

50-Sn-133



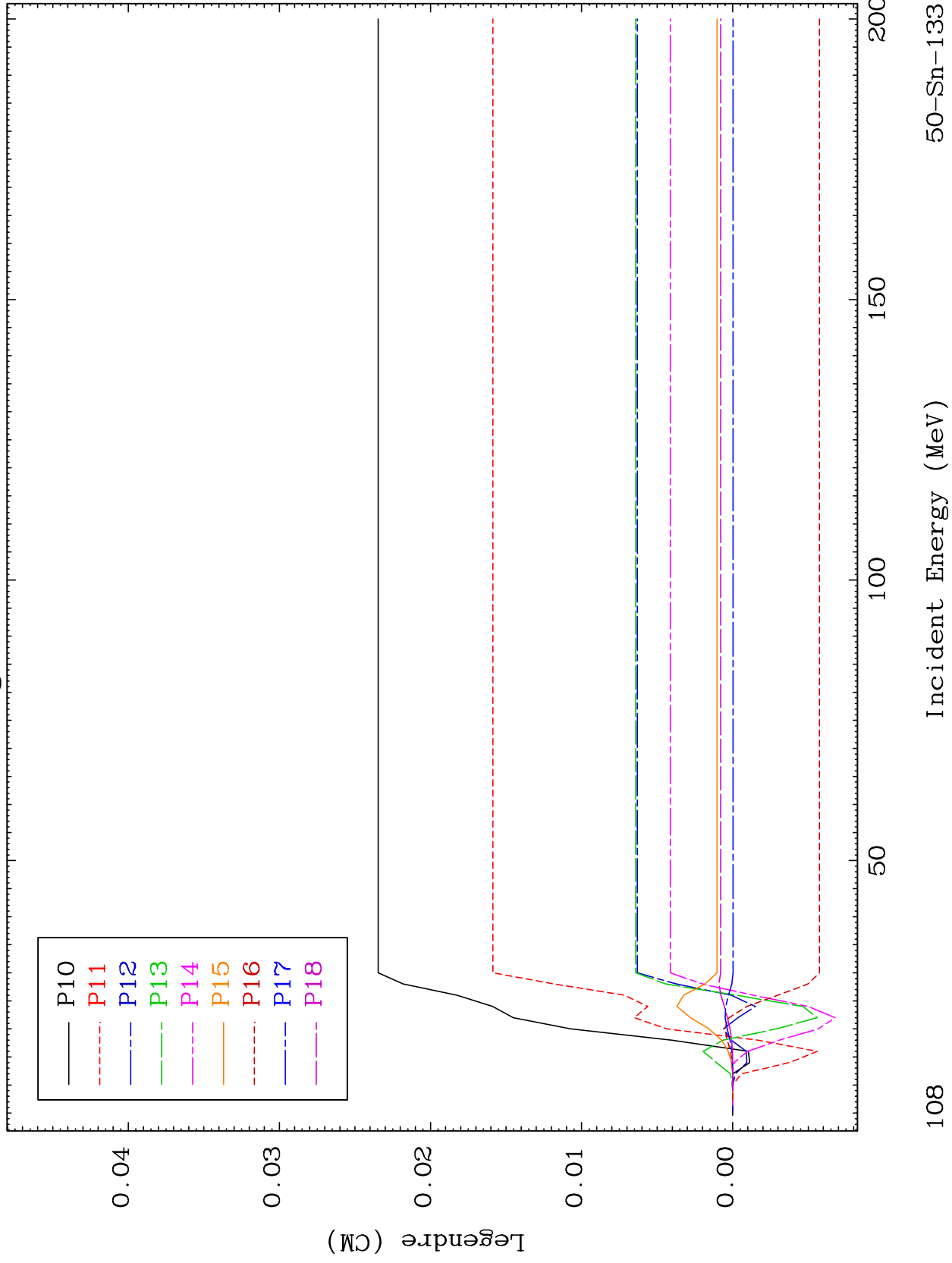




MAT 5088

4.062 MeV (n,n') Level  
Legendre Coefficients

50-Sn-133



108

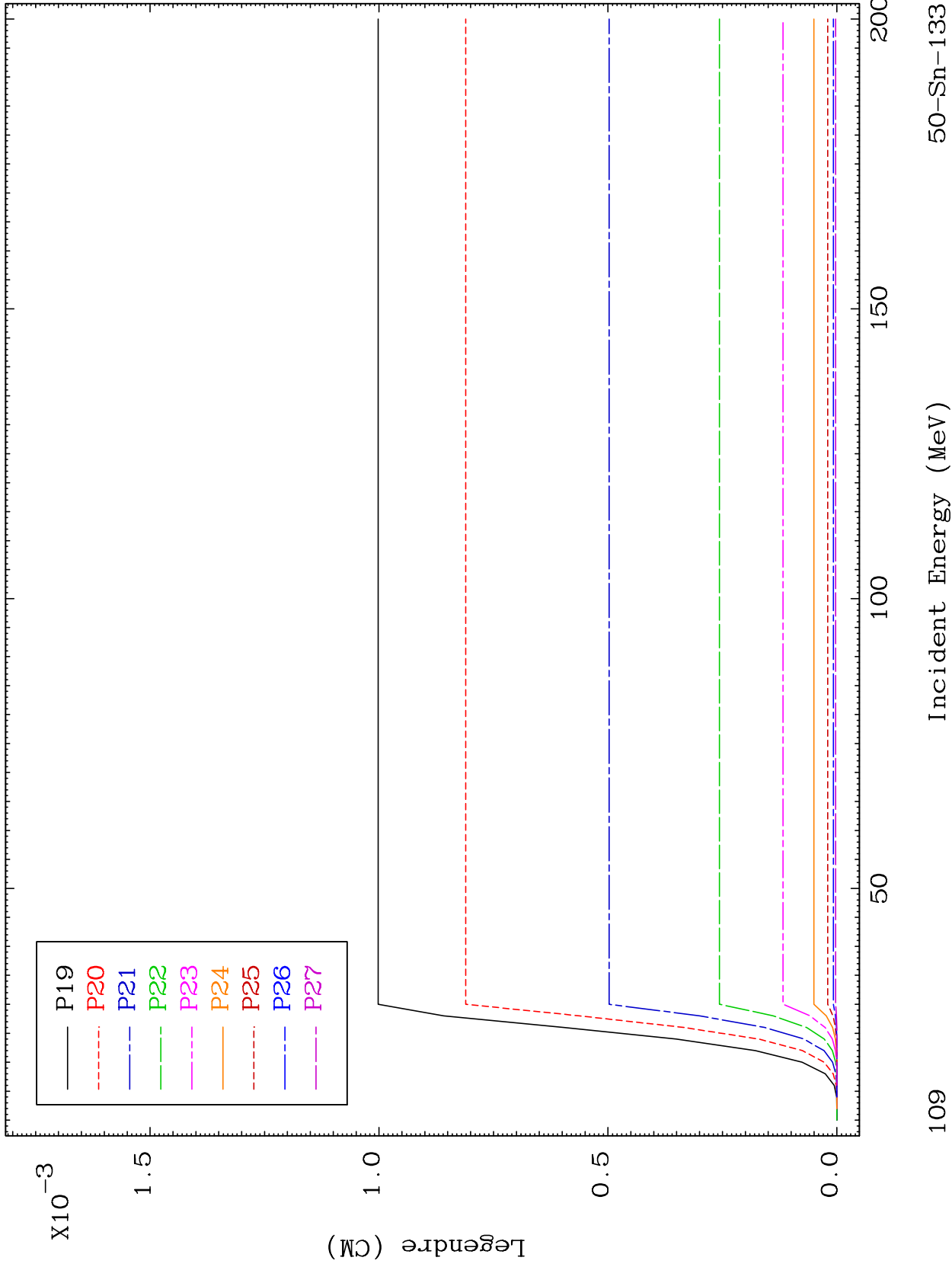
Incident Energy (MeV)

50-Sn-133

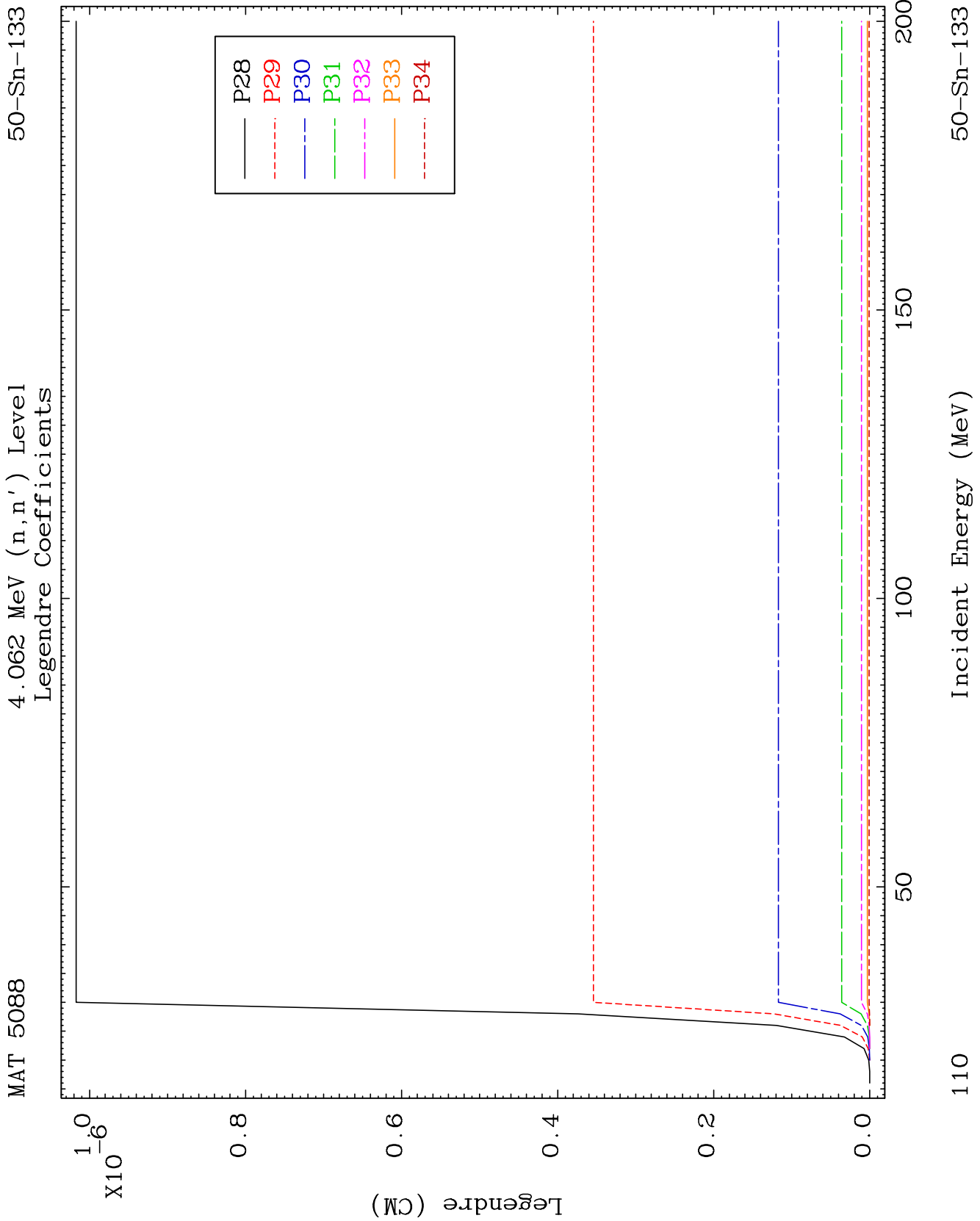
MAT 5088

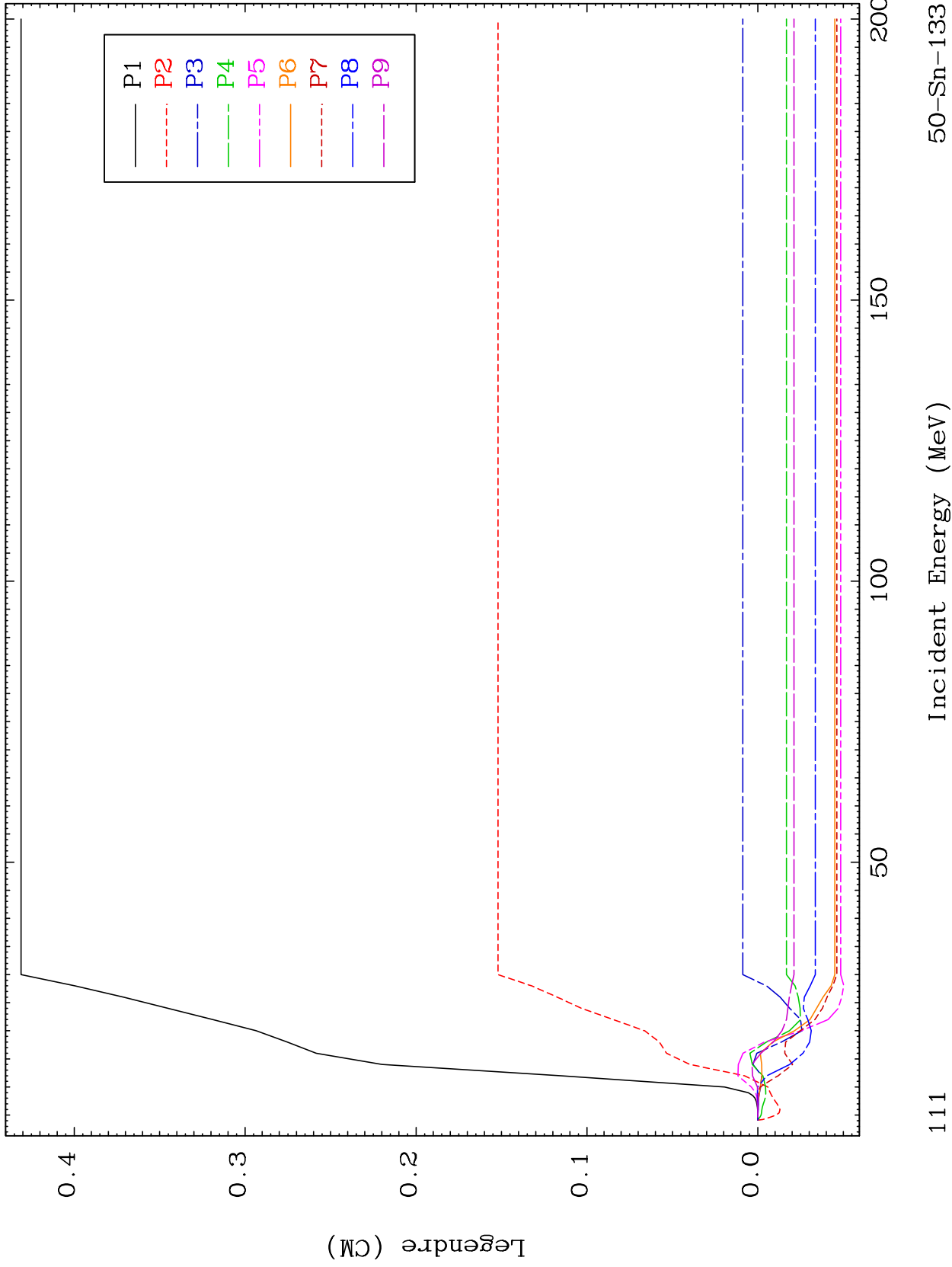
4.062 MeV (n,n') Level  
Legendre Coefficients

50-Sn-133



109





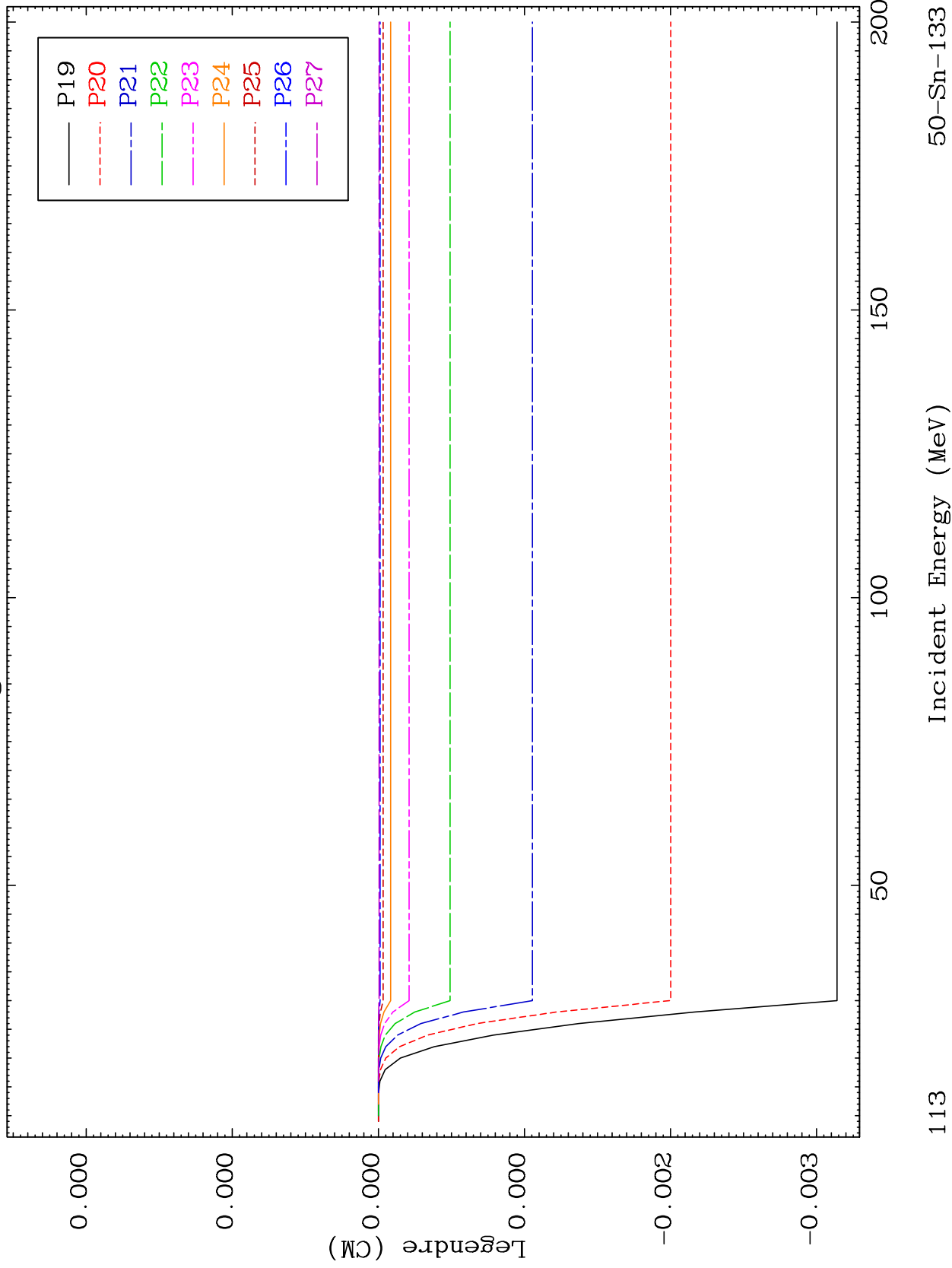




MAT 5088

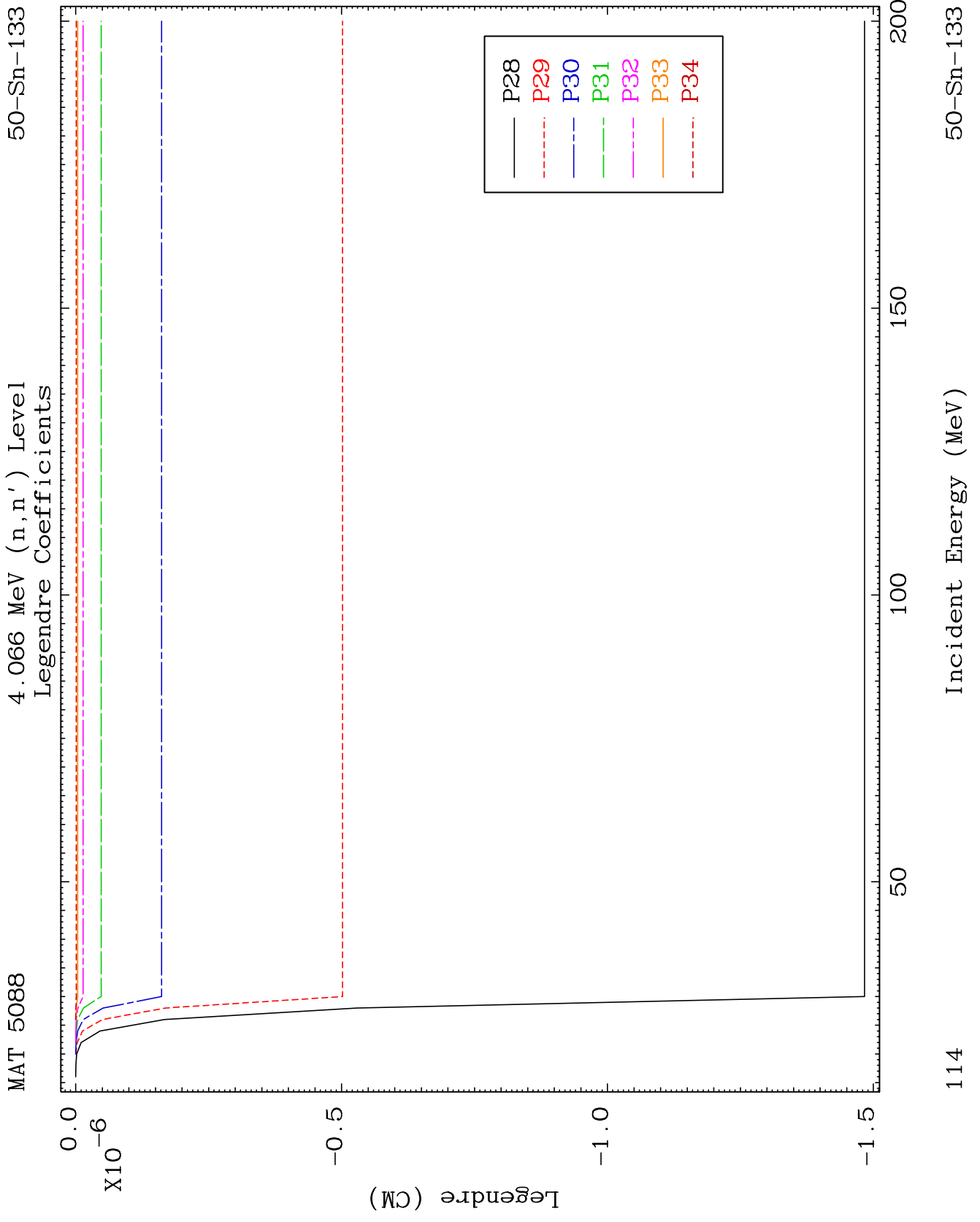
4.066 MeV (n,n') Level  
Legendre Coefficients

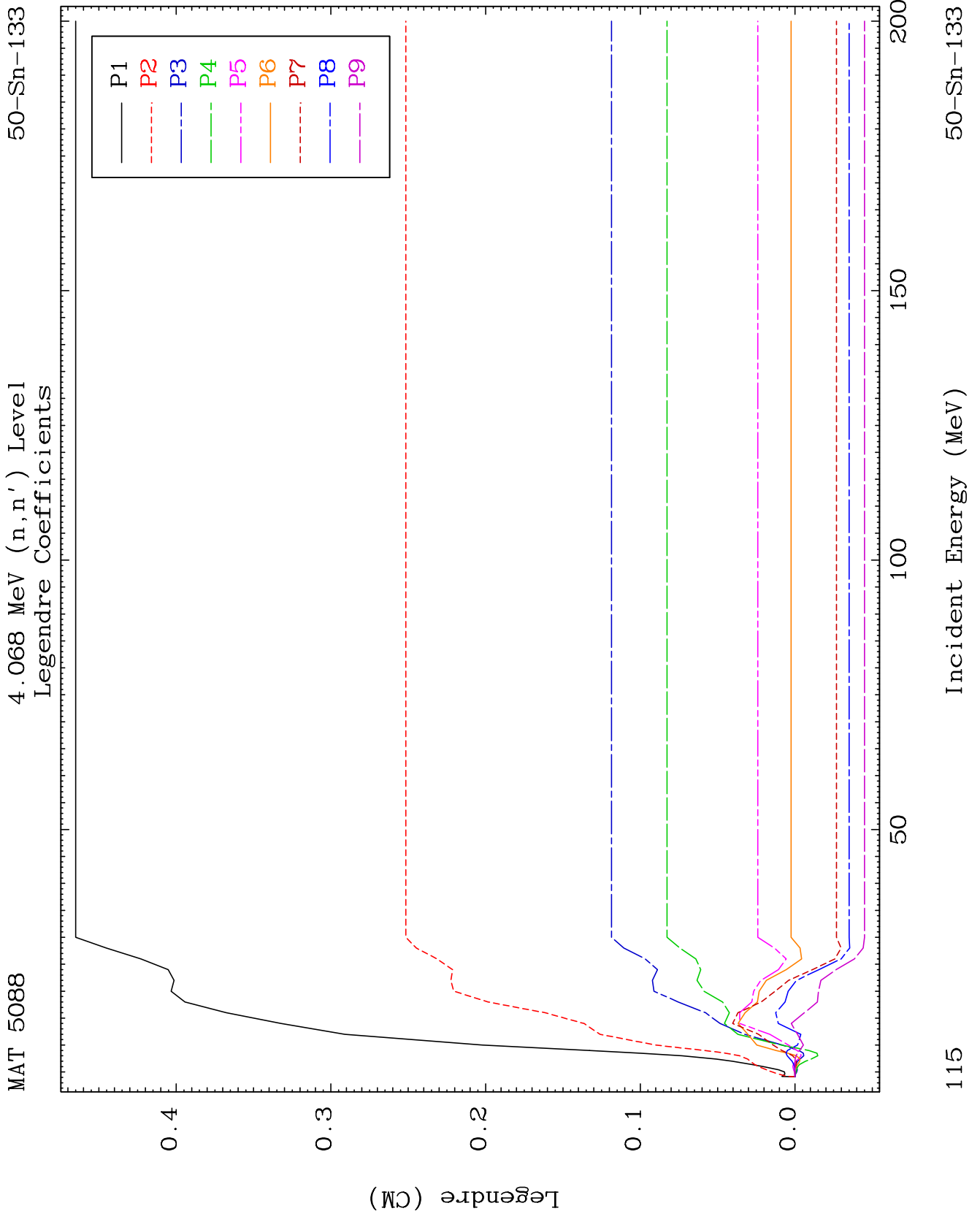
50-Sn-133



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50-Sn-133

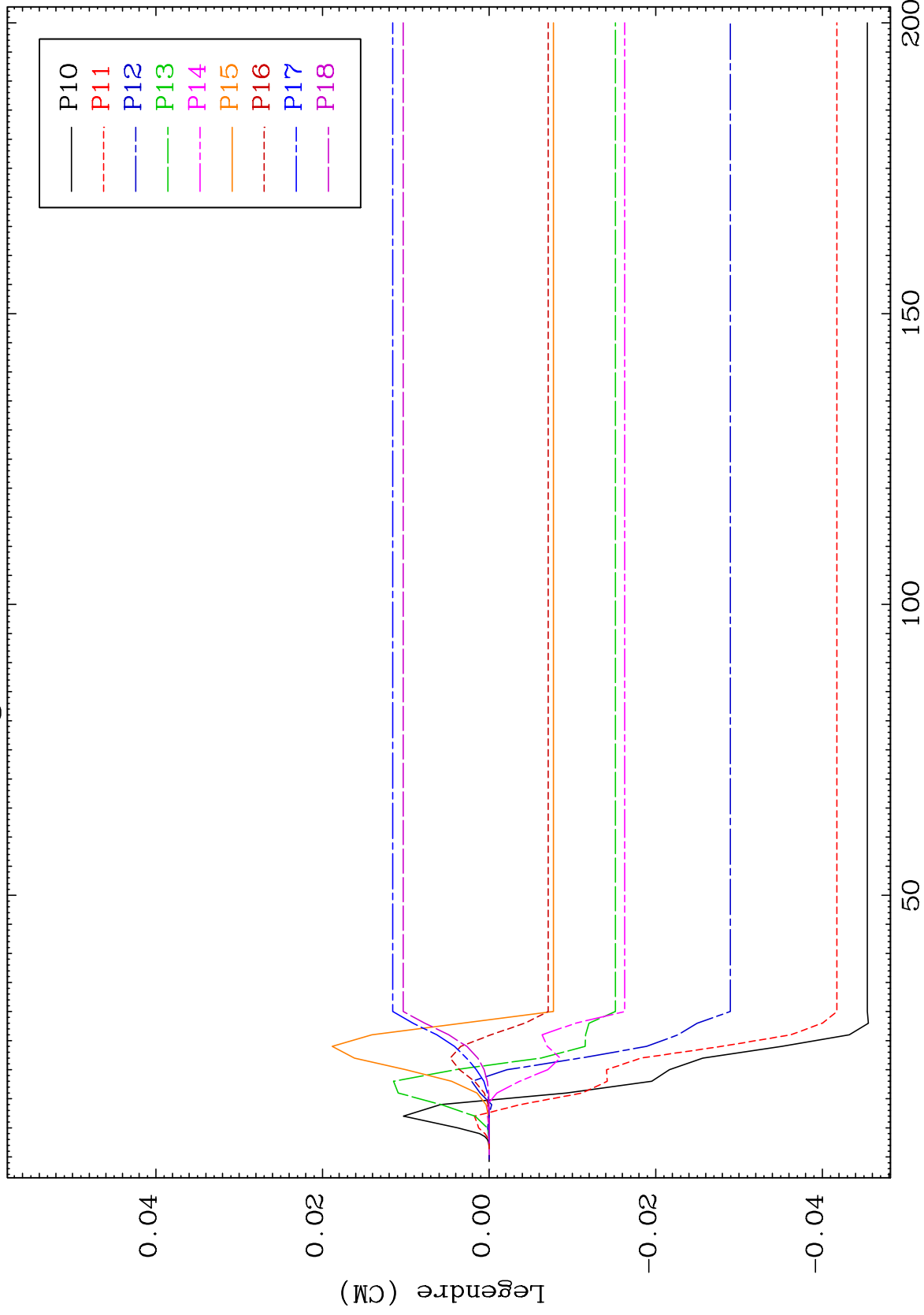




MAT 5088

4.068 MeV (n,n') Level  
Legendre Coefficients

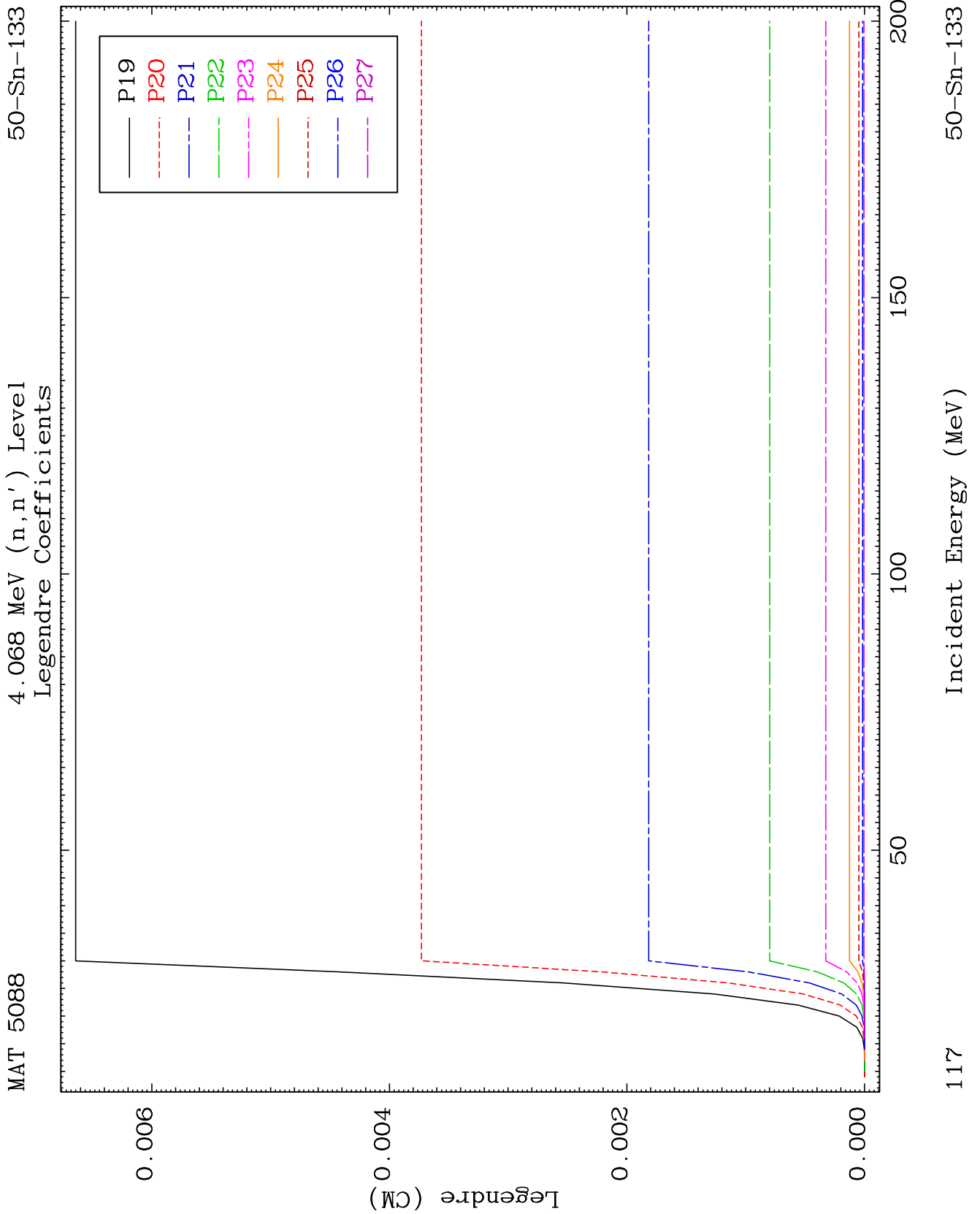
50-Sn-133

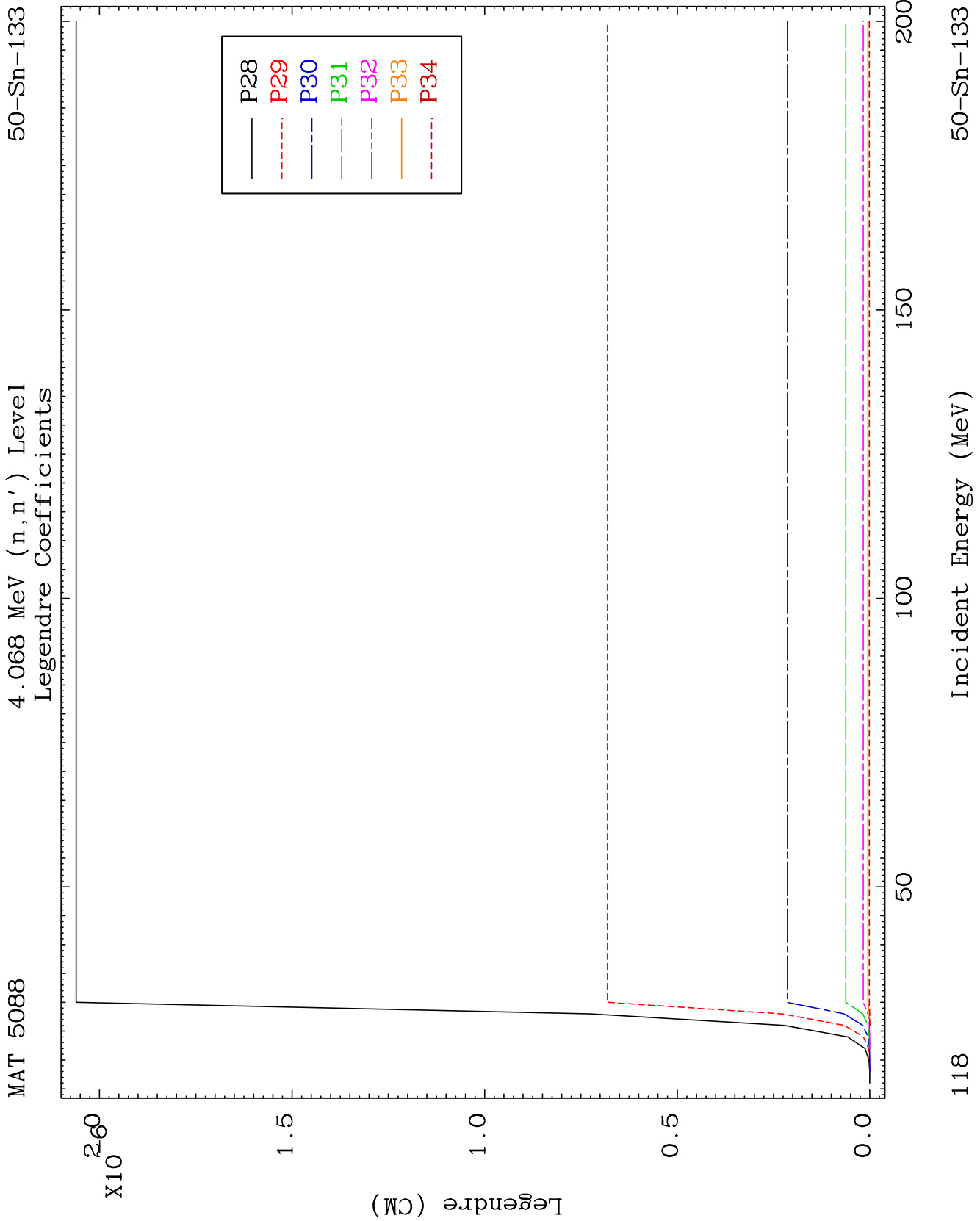


116

Incident Energy (MeV)

50-Sn-133





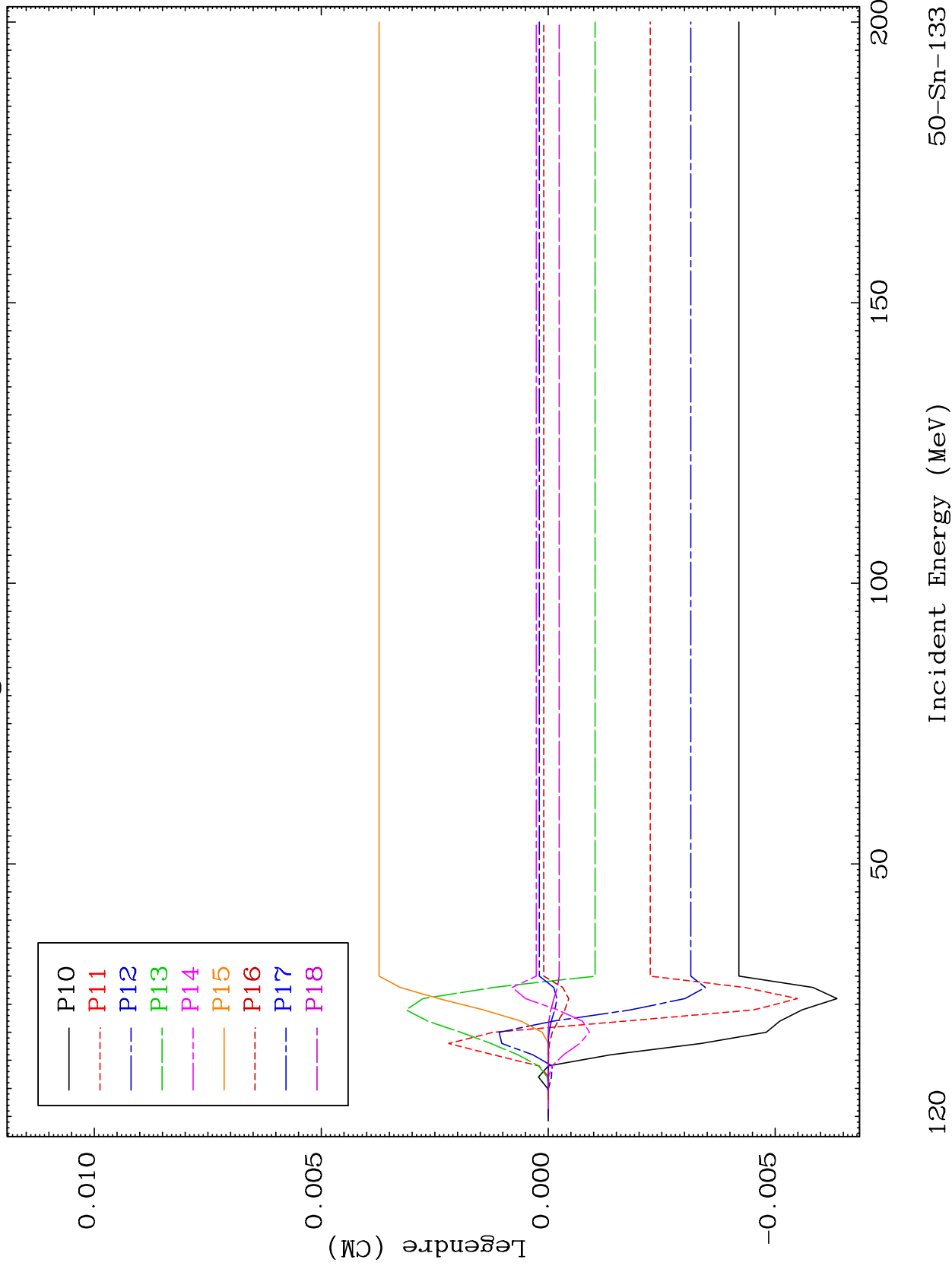




MAT 5088

4.083 MeV (n,n') Level  
Legendre Coefficients

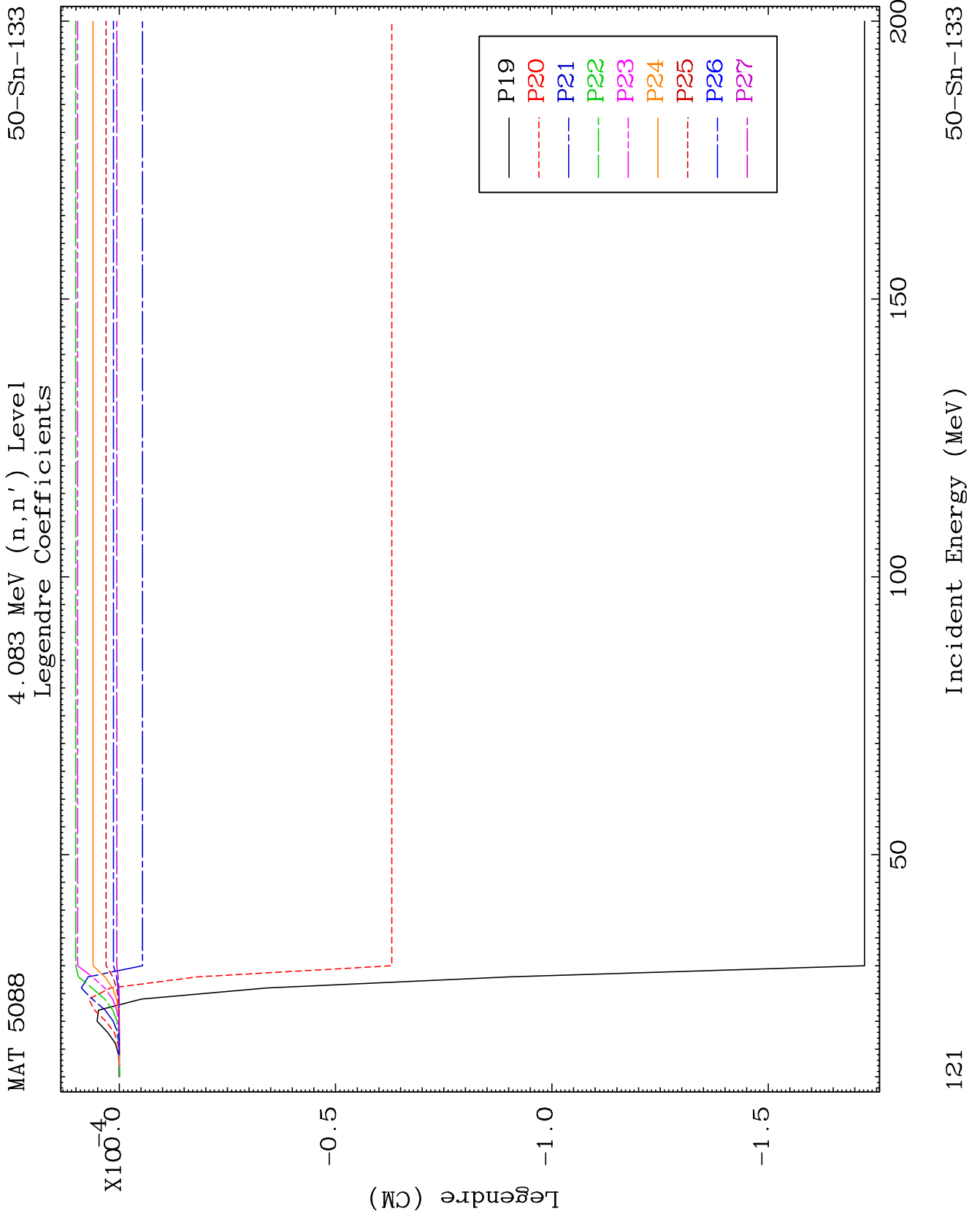
50-Sn-133

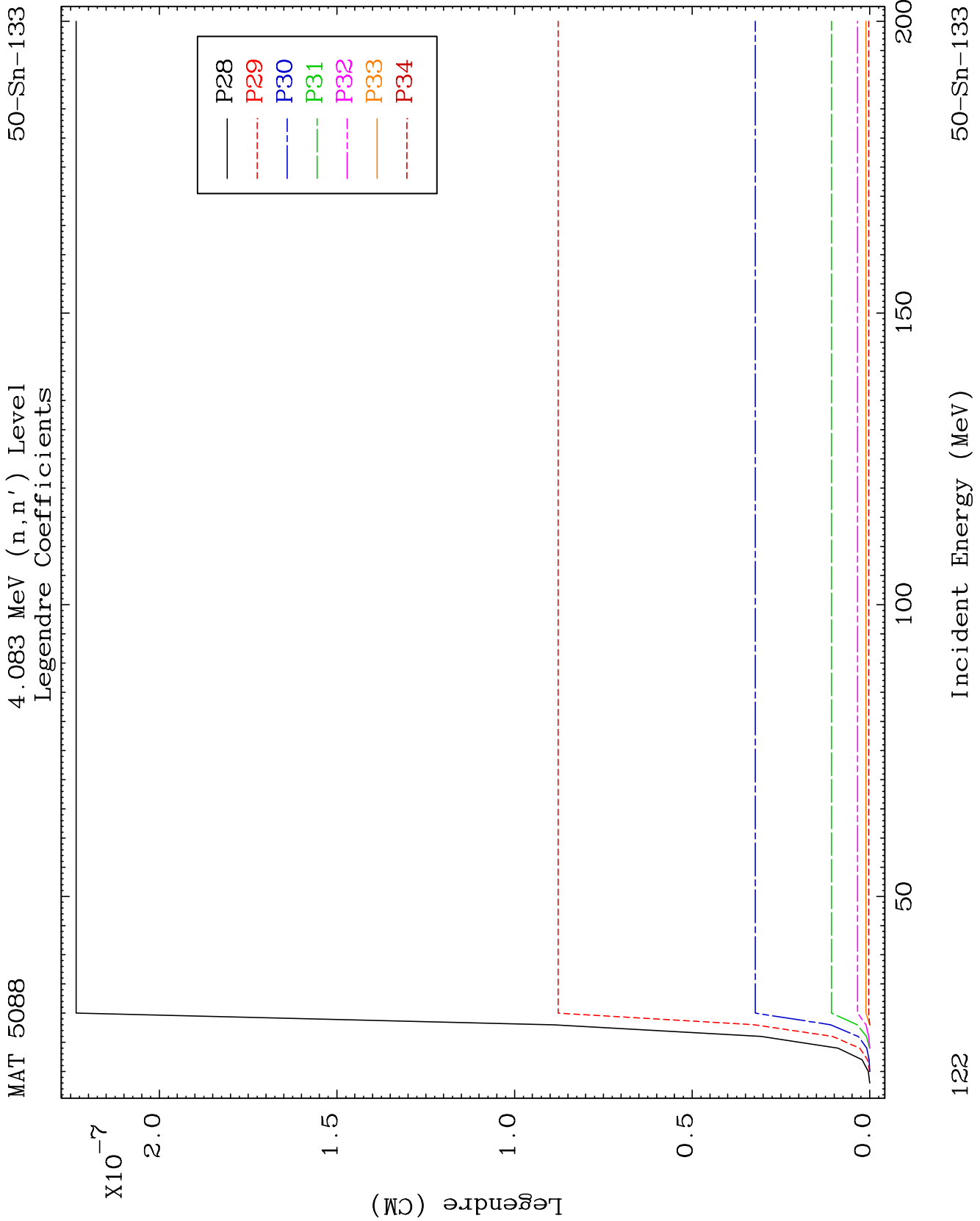


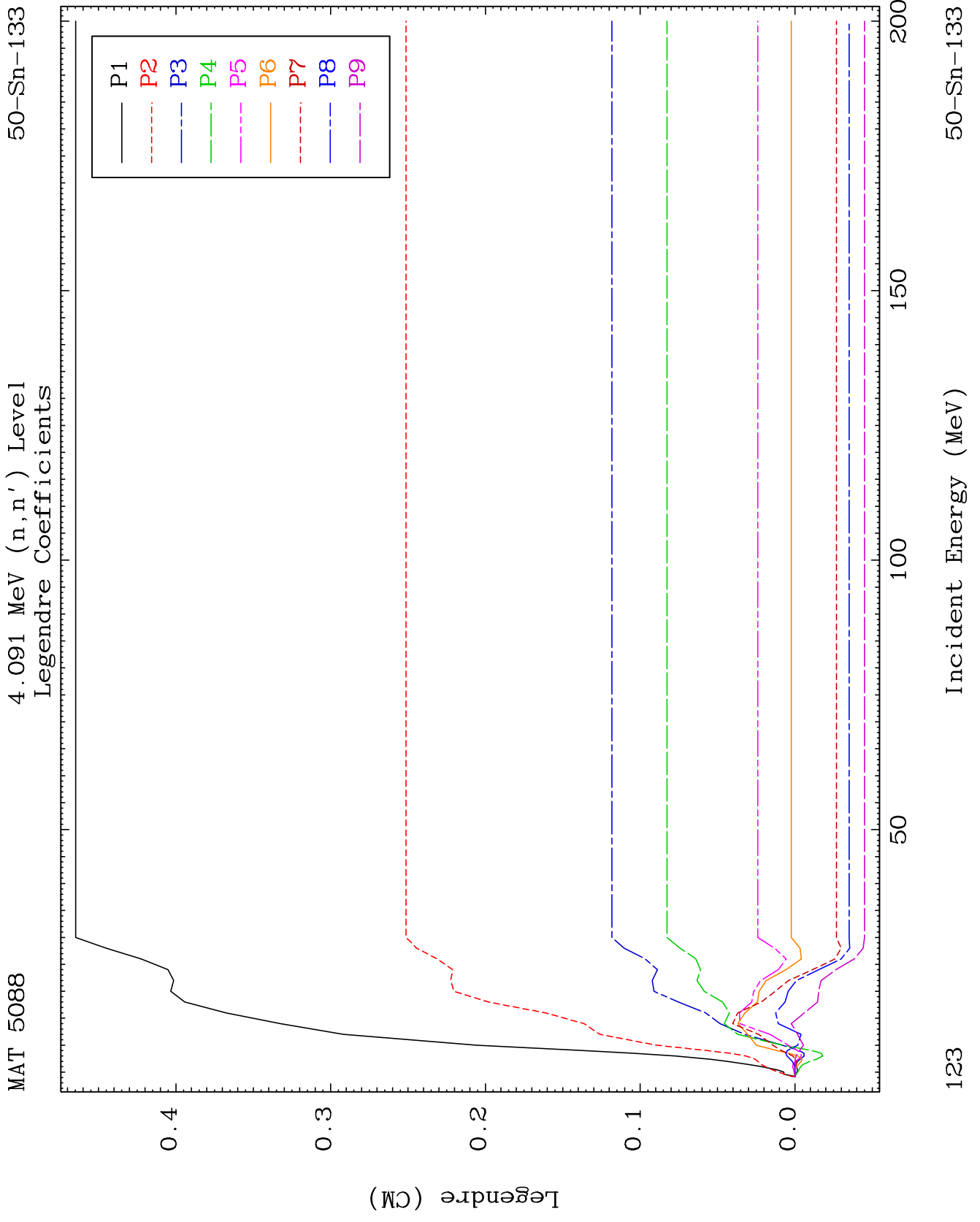
120

Incident Energy (MeV)

50-Sn-133



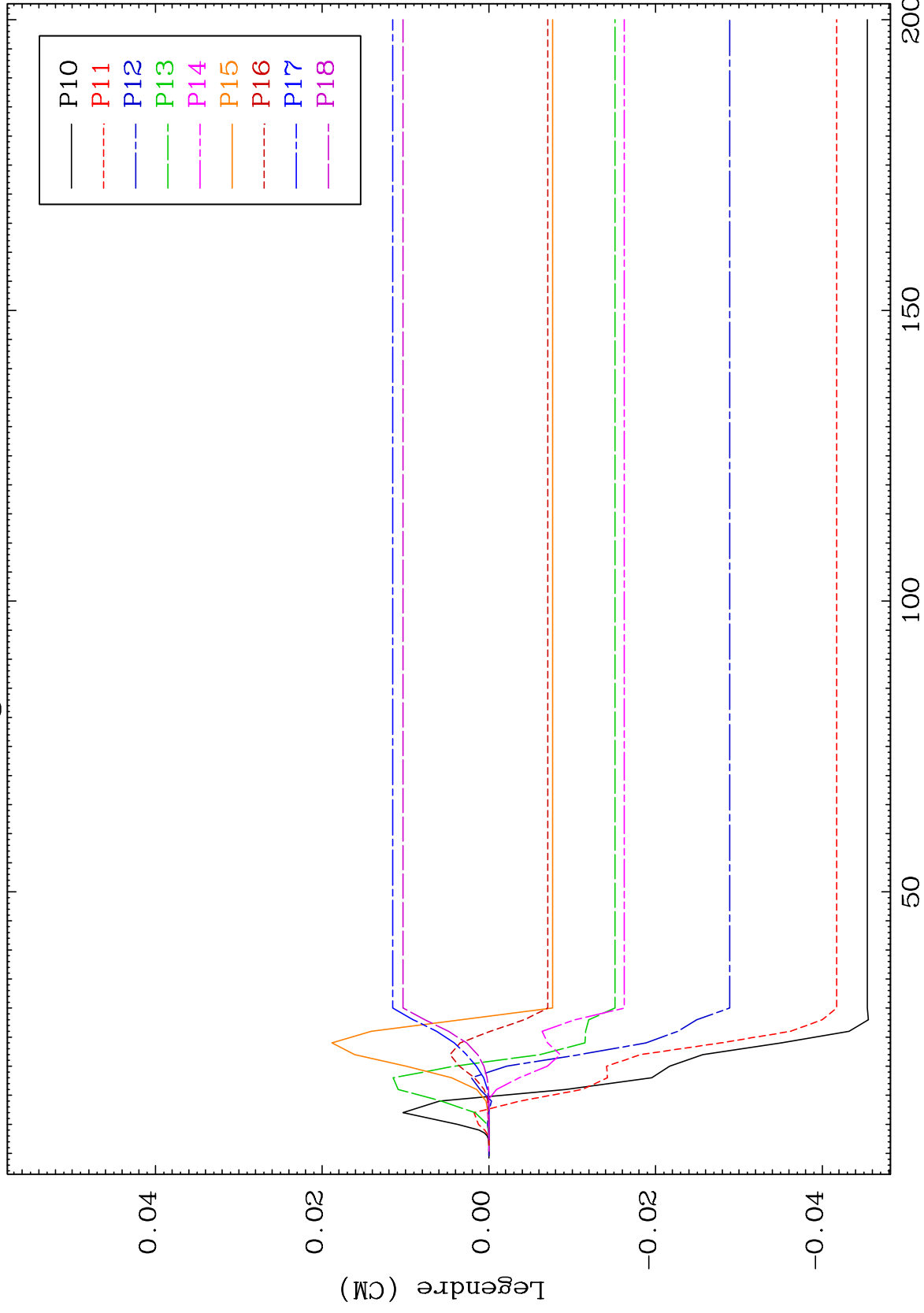




MAT 5088

4.091 MeV (n,n') Level  
Legendre Coefficients

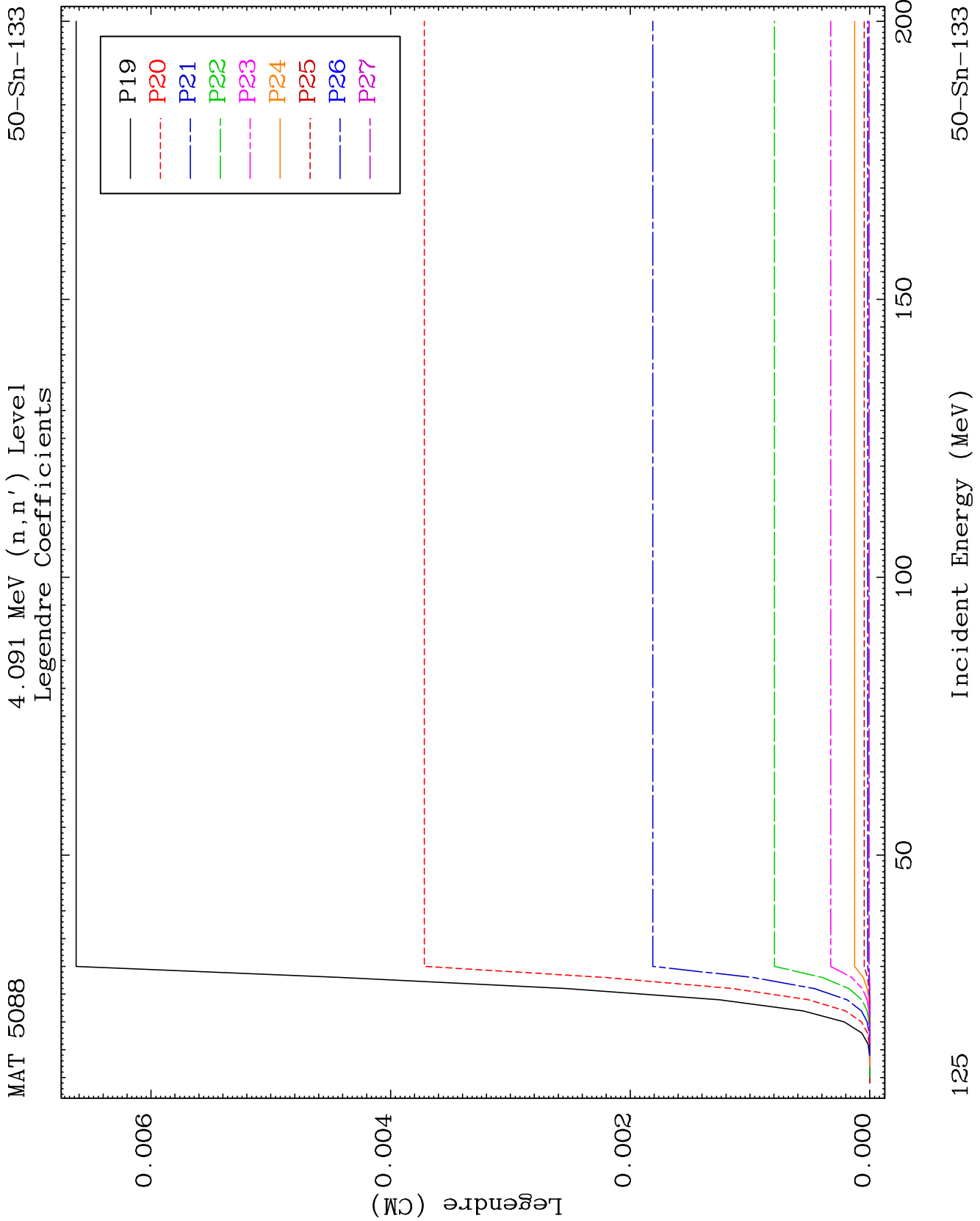
50-Sn-133

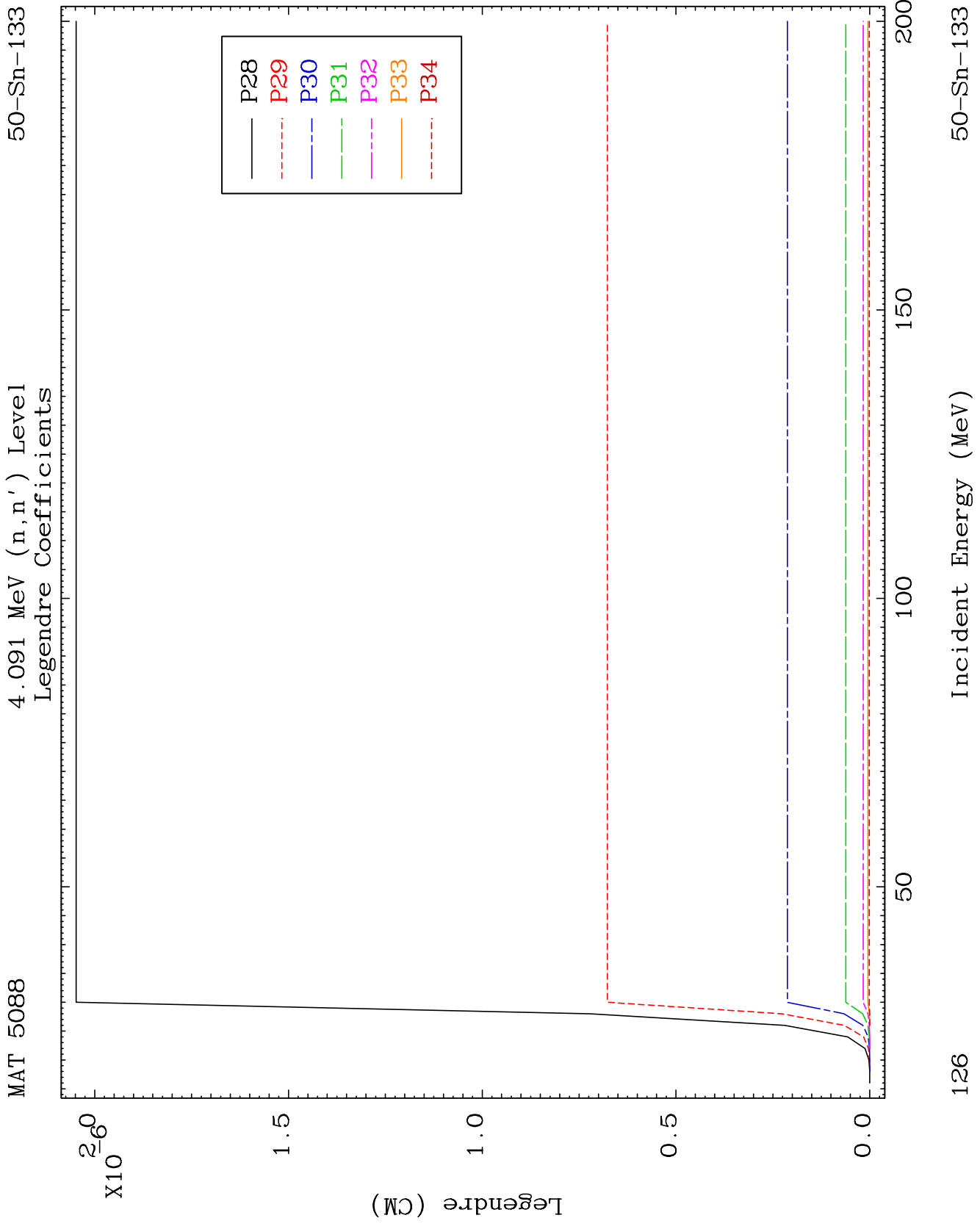


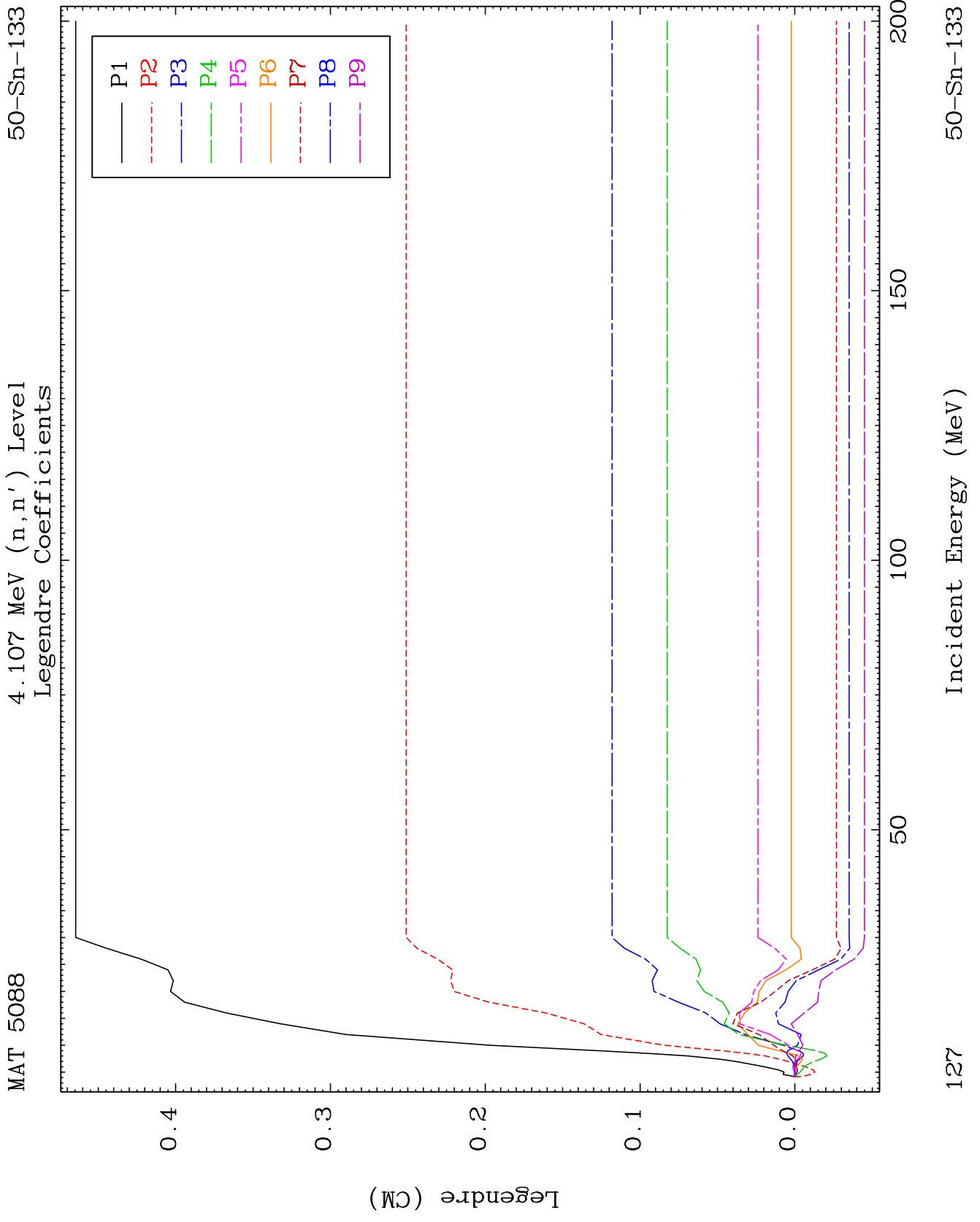
124

Incident Energy (MeV)

50-Sn-133





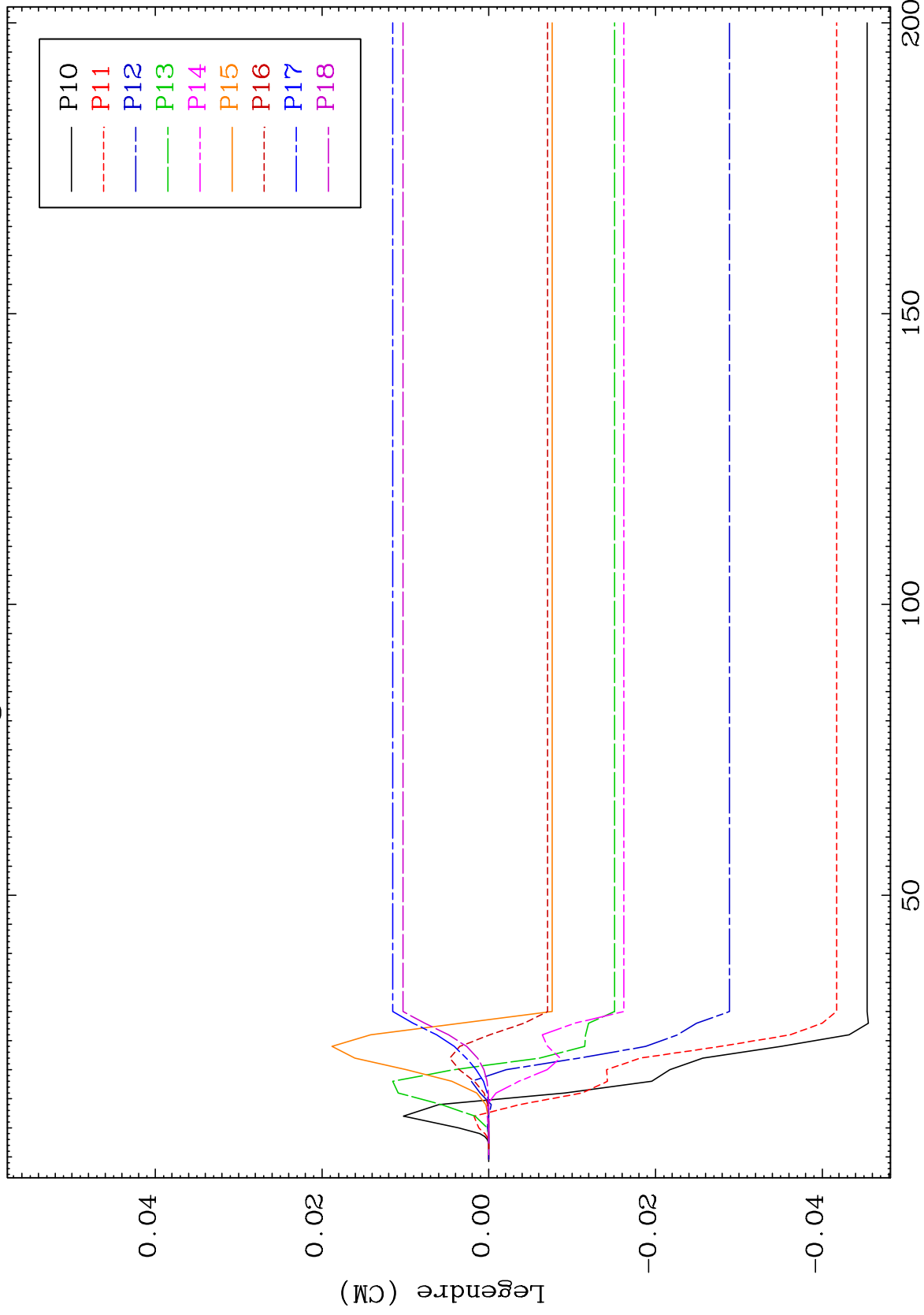




MAT 5088

4.107 MeV (n,n') Level  
Legendre Coefficients

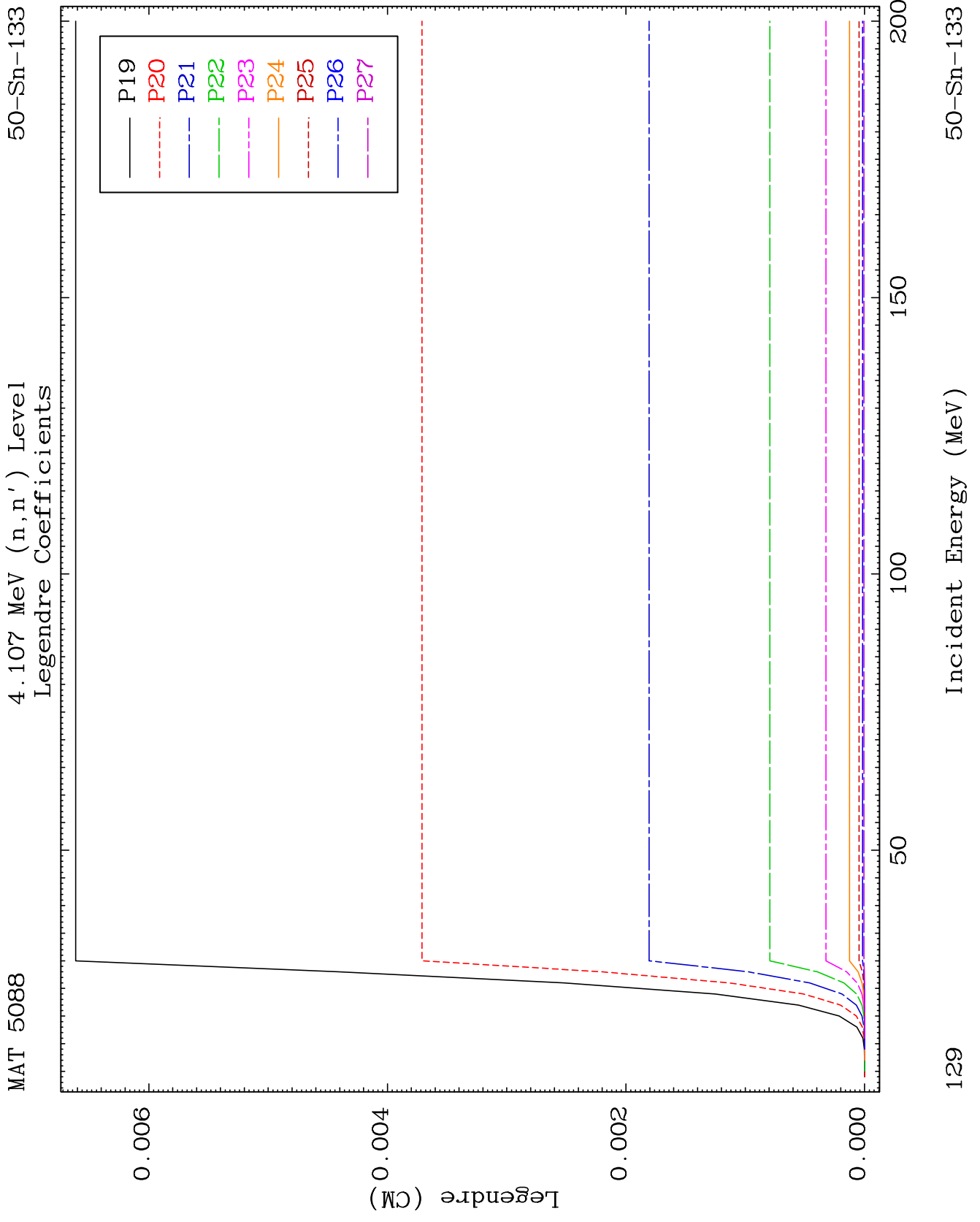
50-Sn-133

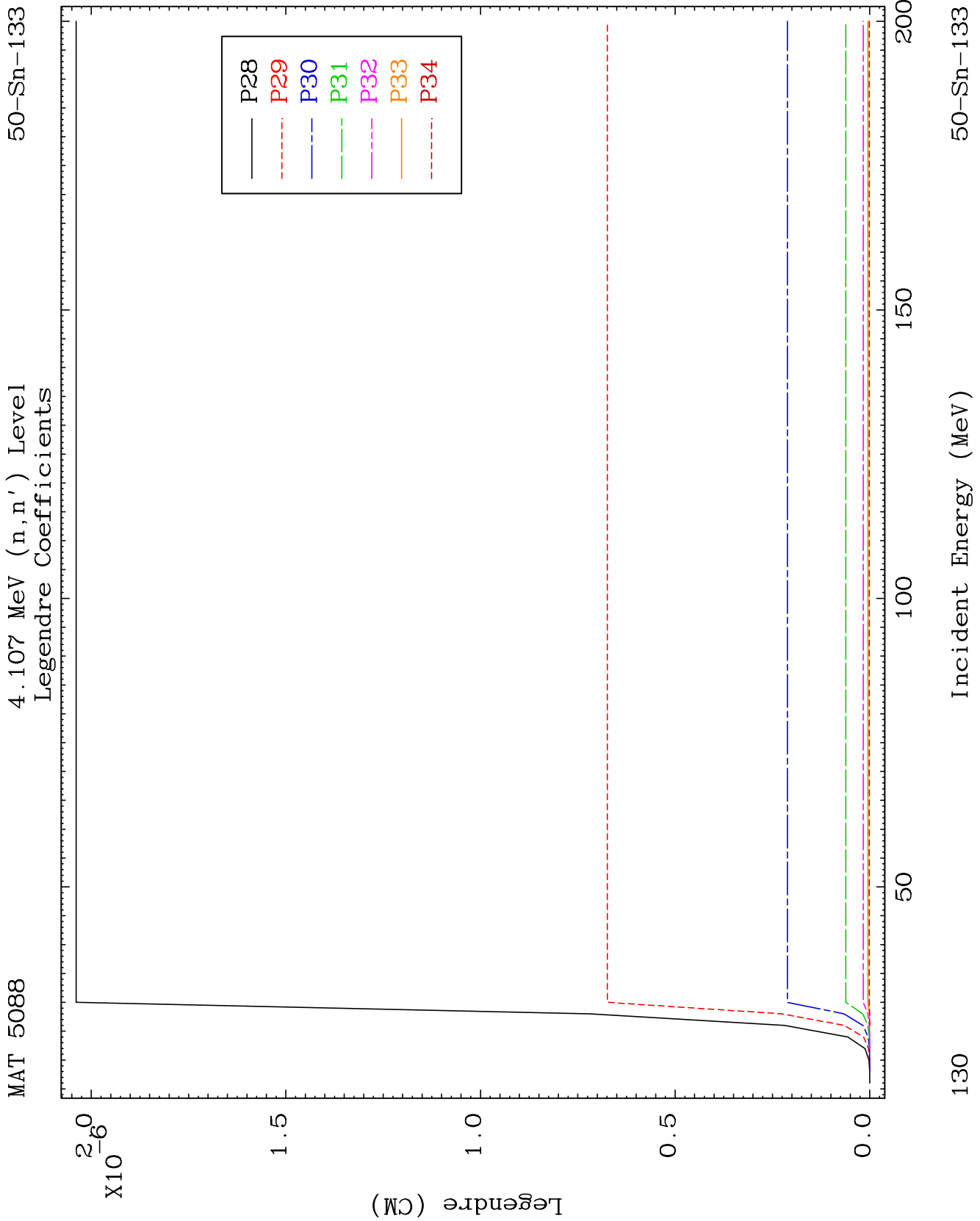


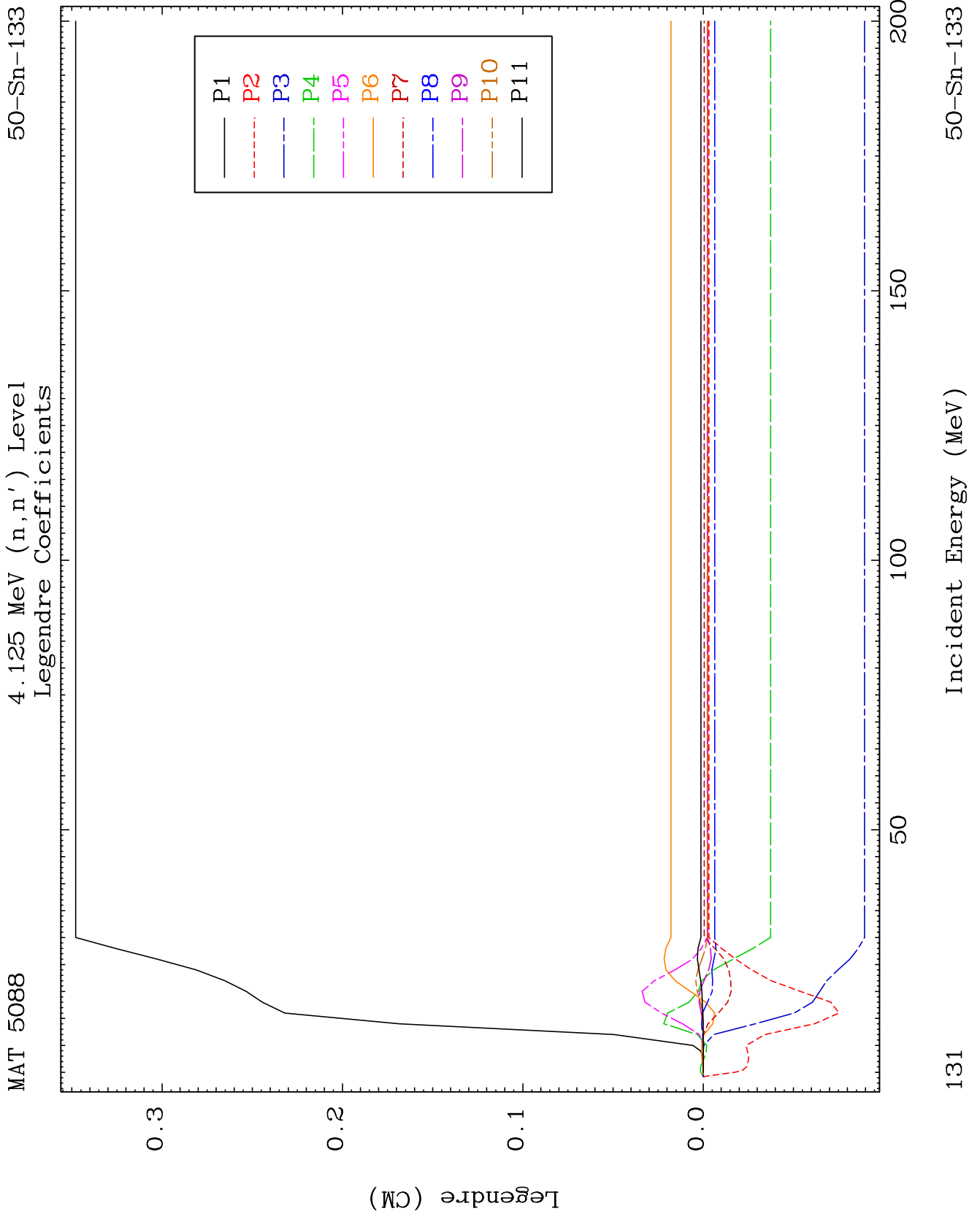
128

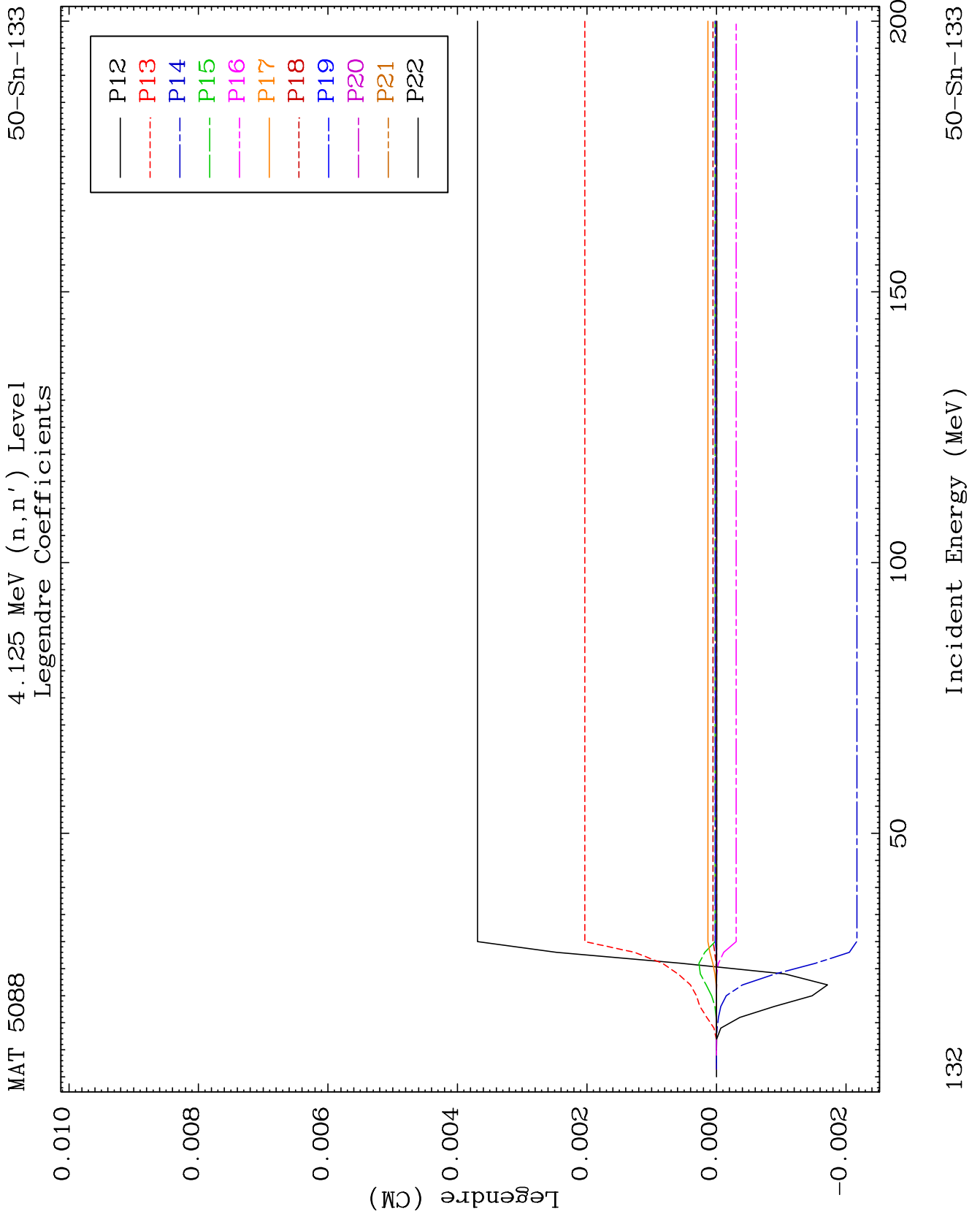
Incident Energy (MeV)

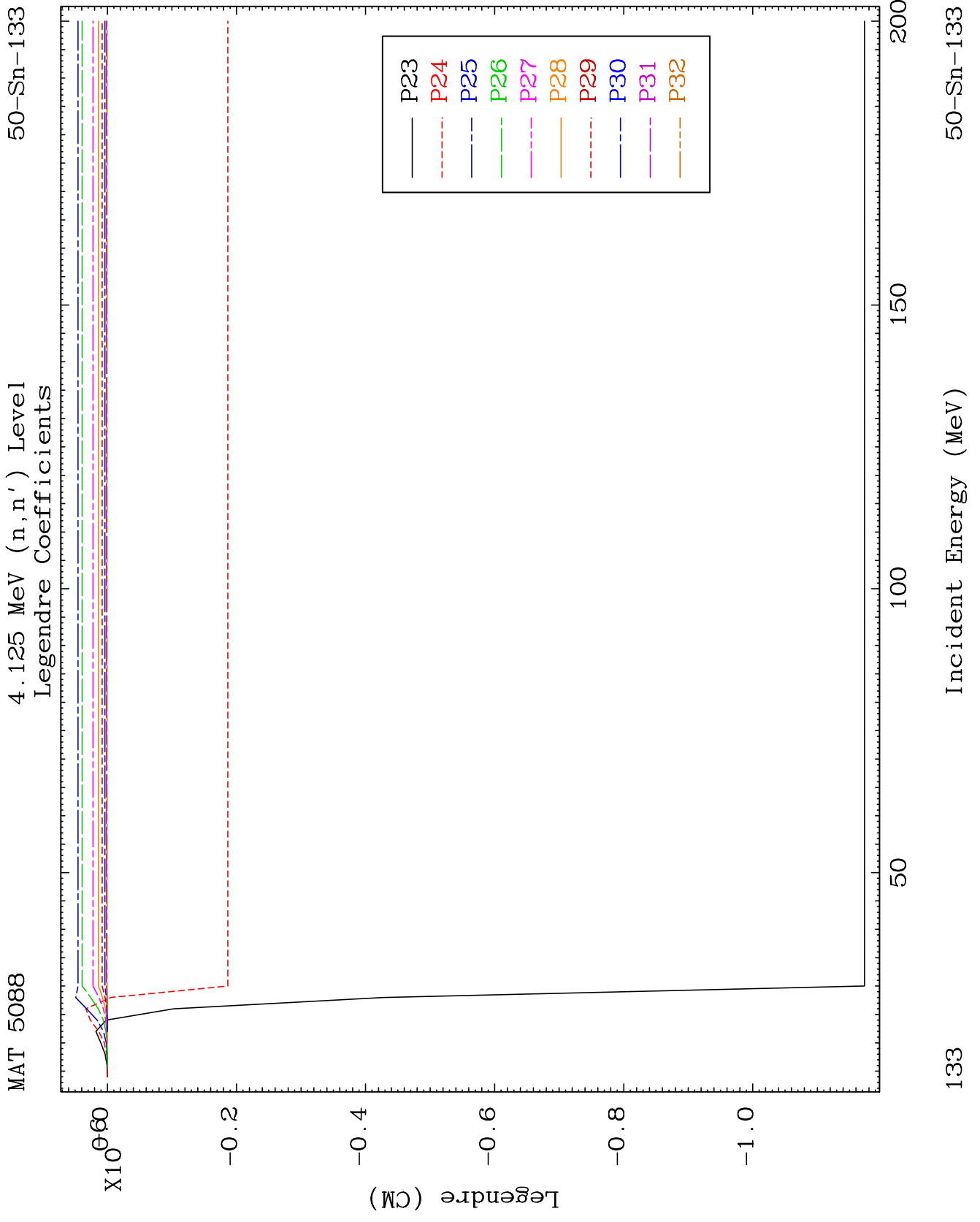
50-Sn-133









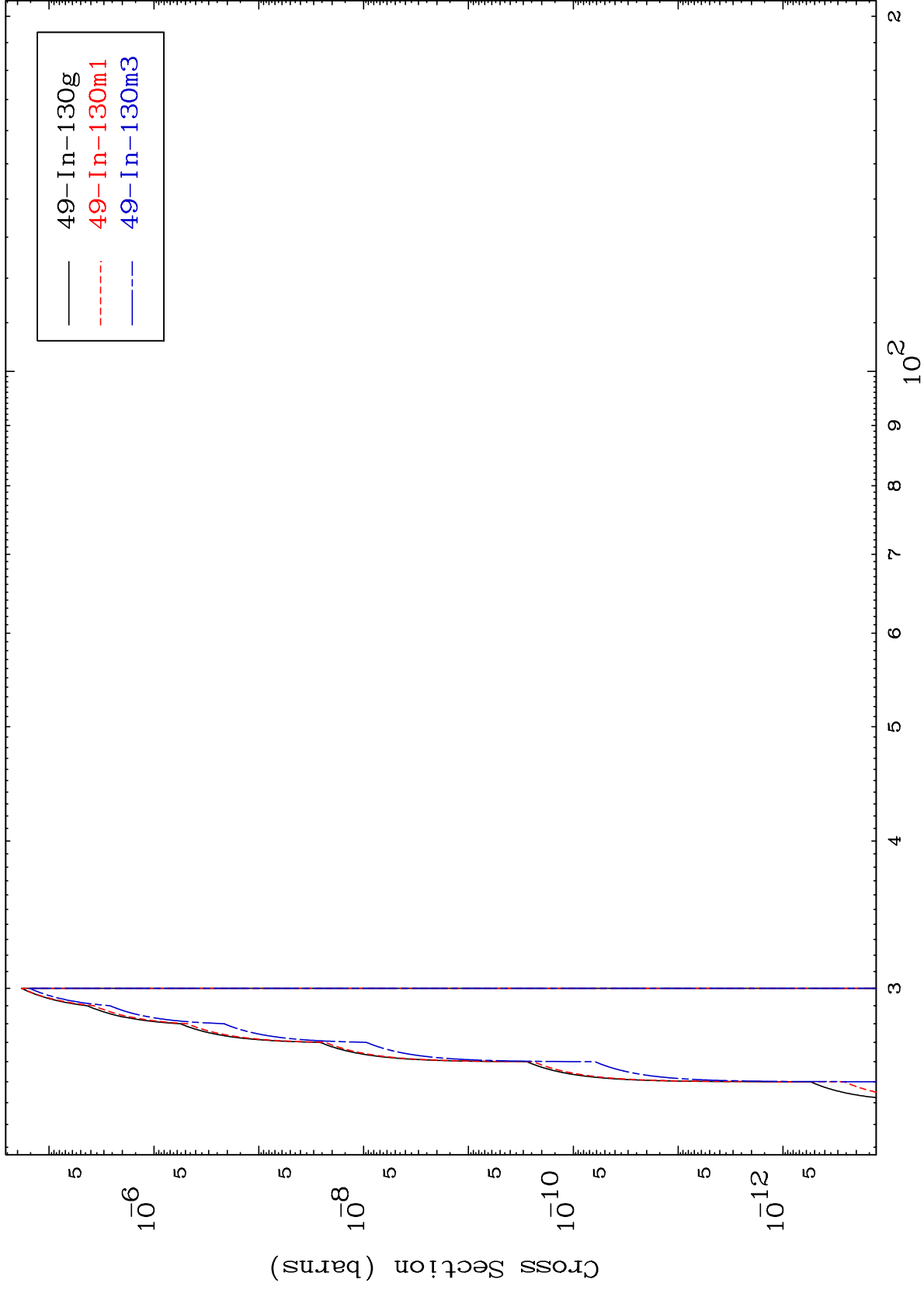


MAT 5088

(n,2n) d

50-Sn-133

Radionuclide Production Cross Section



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Incident Energy (MeV)

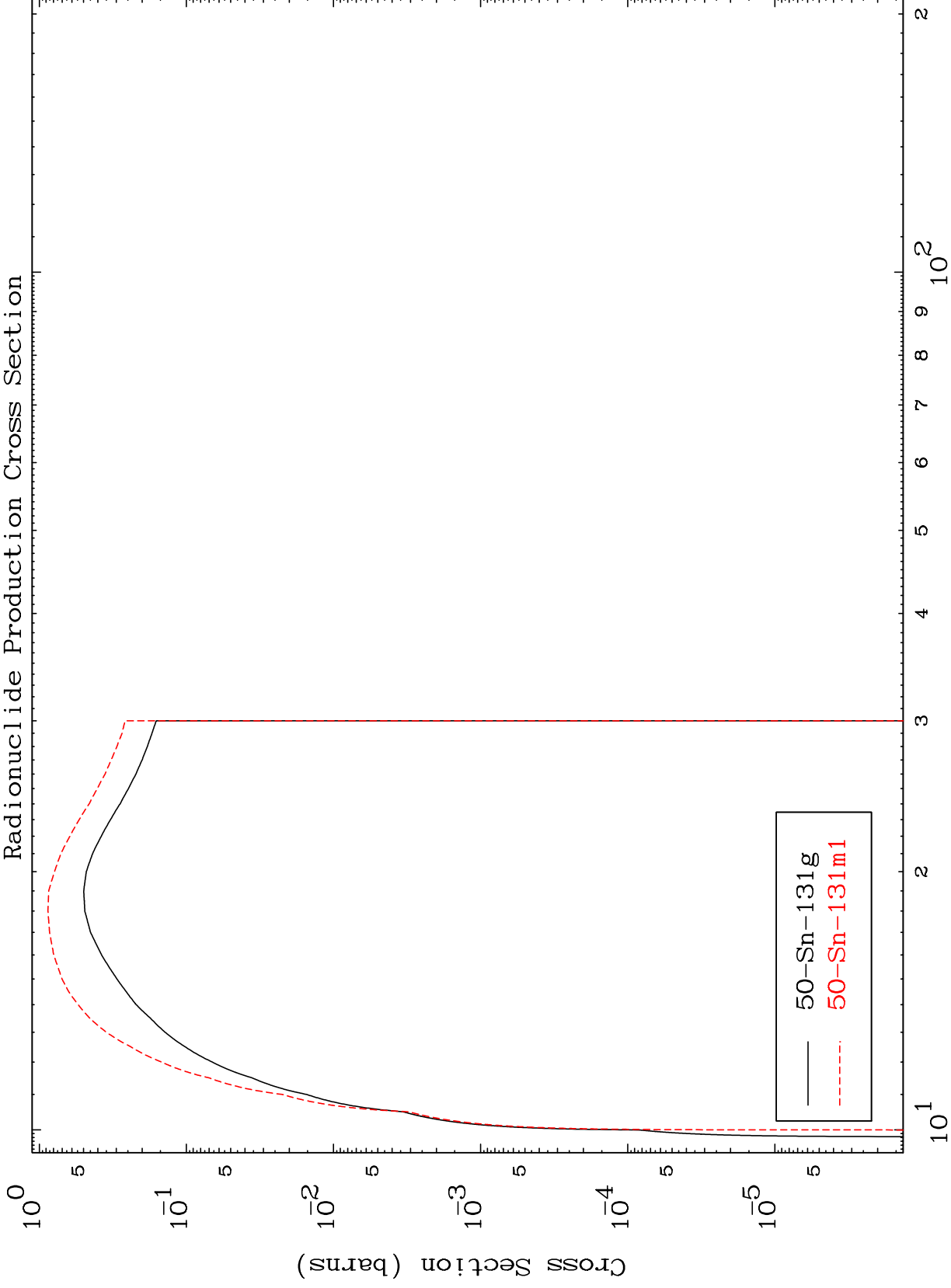
50-Sn-133

MAT 5088

(n,3n)

50-Sn-133

Radionuclide Production Cross Section



Incident Energy (MeV)

50-Sn-133

135

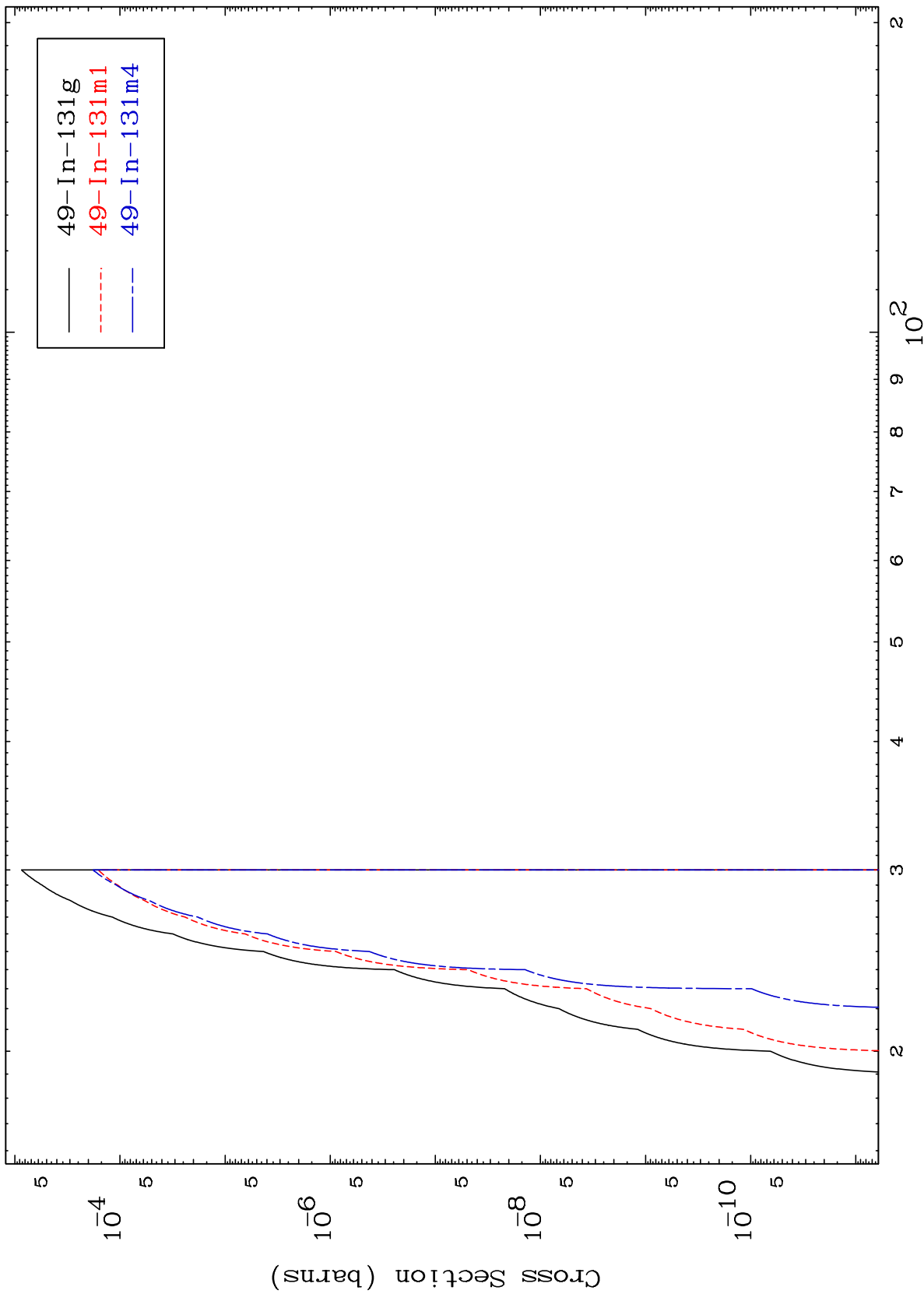


MAT 5088

(n,n') d

50-Sn-133

Radionuclide Production Cross Section



136

Incident Energy (MeV)

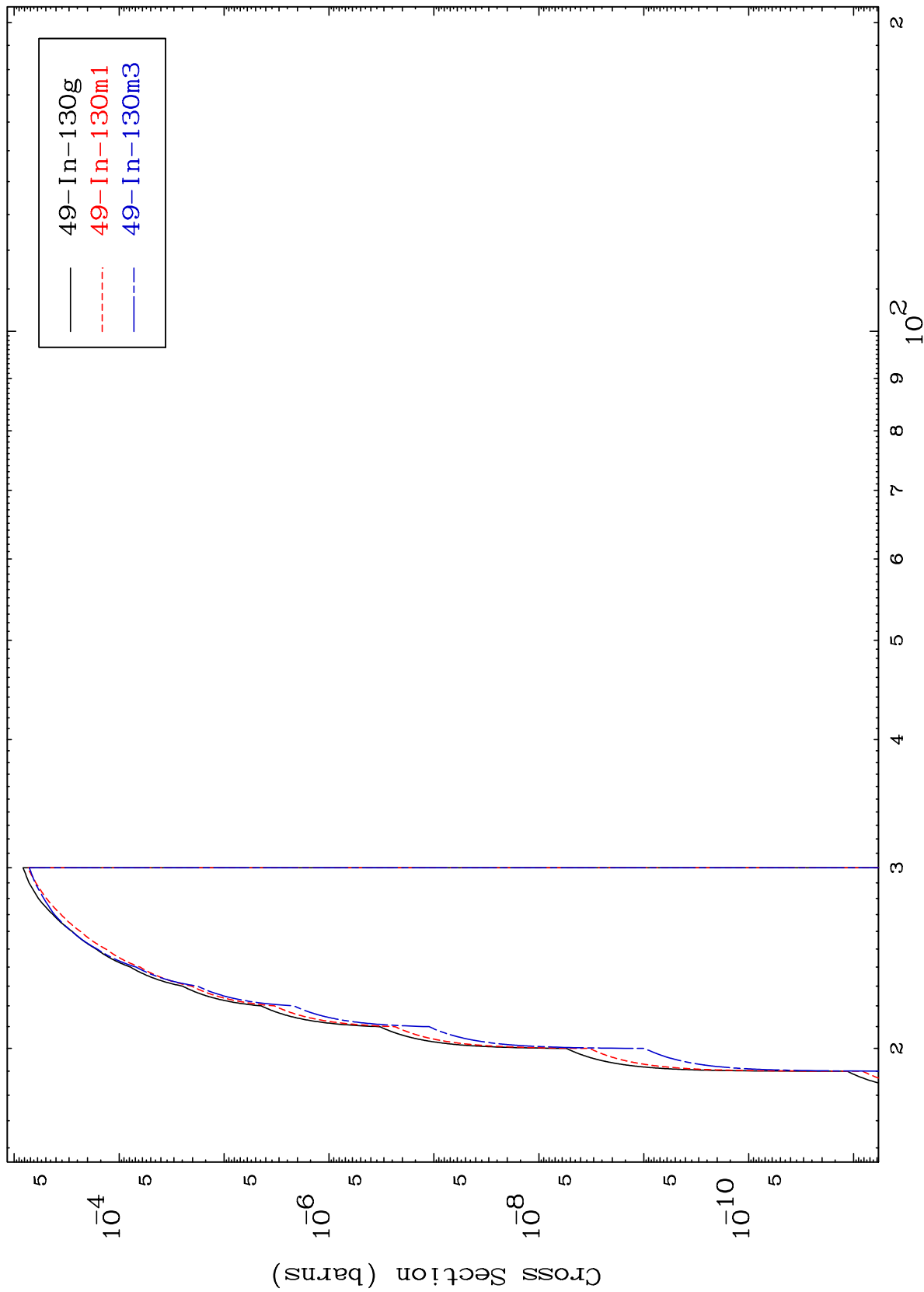
50-Sn-133

MAT 5088

(n,n') t

50-Sn-133

Radionuclide Production Cross Section

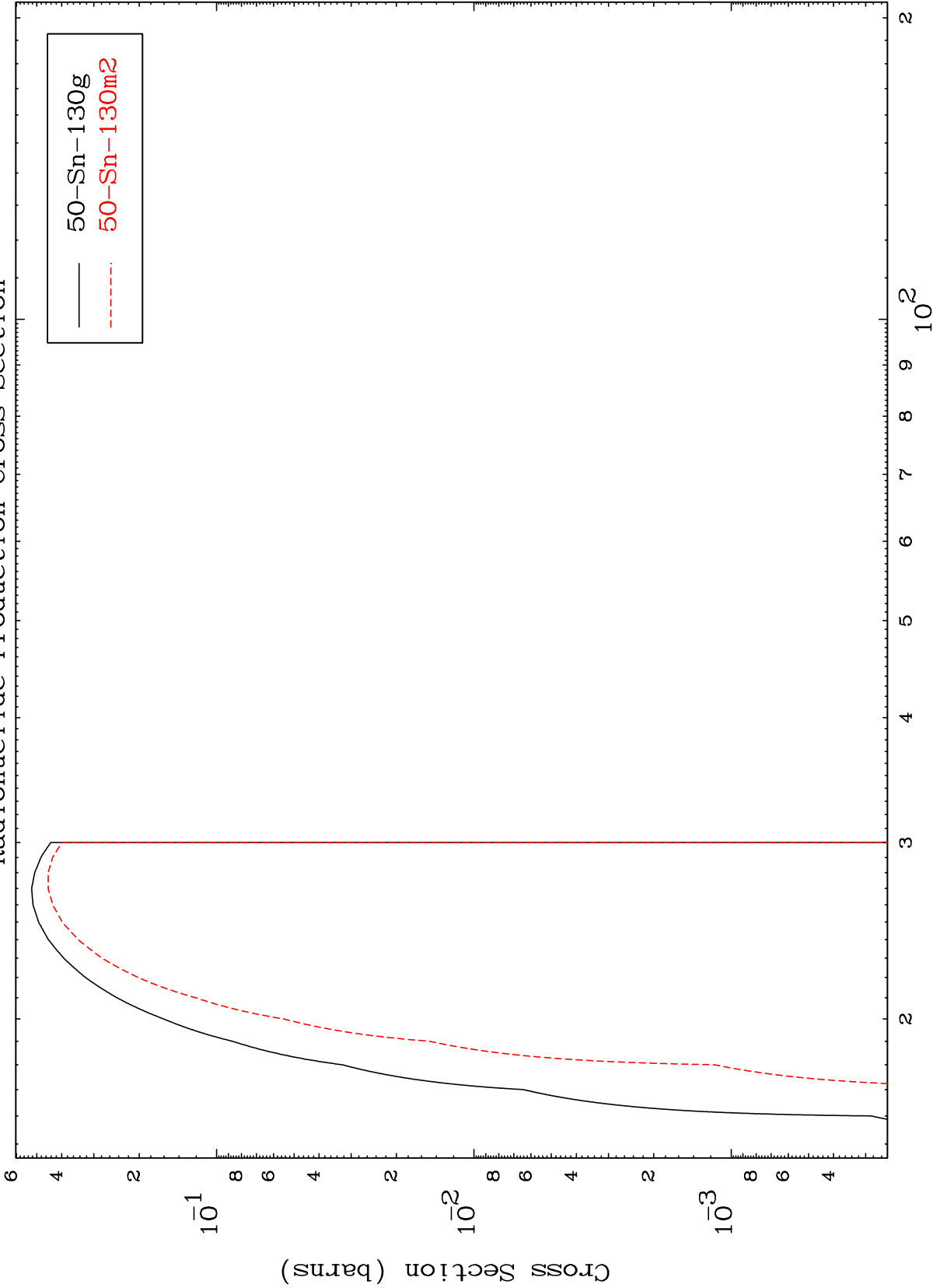


137

Incident Energy (MeV)

50-Sn-133

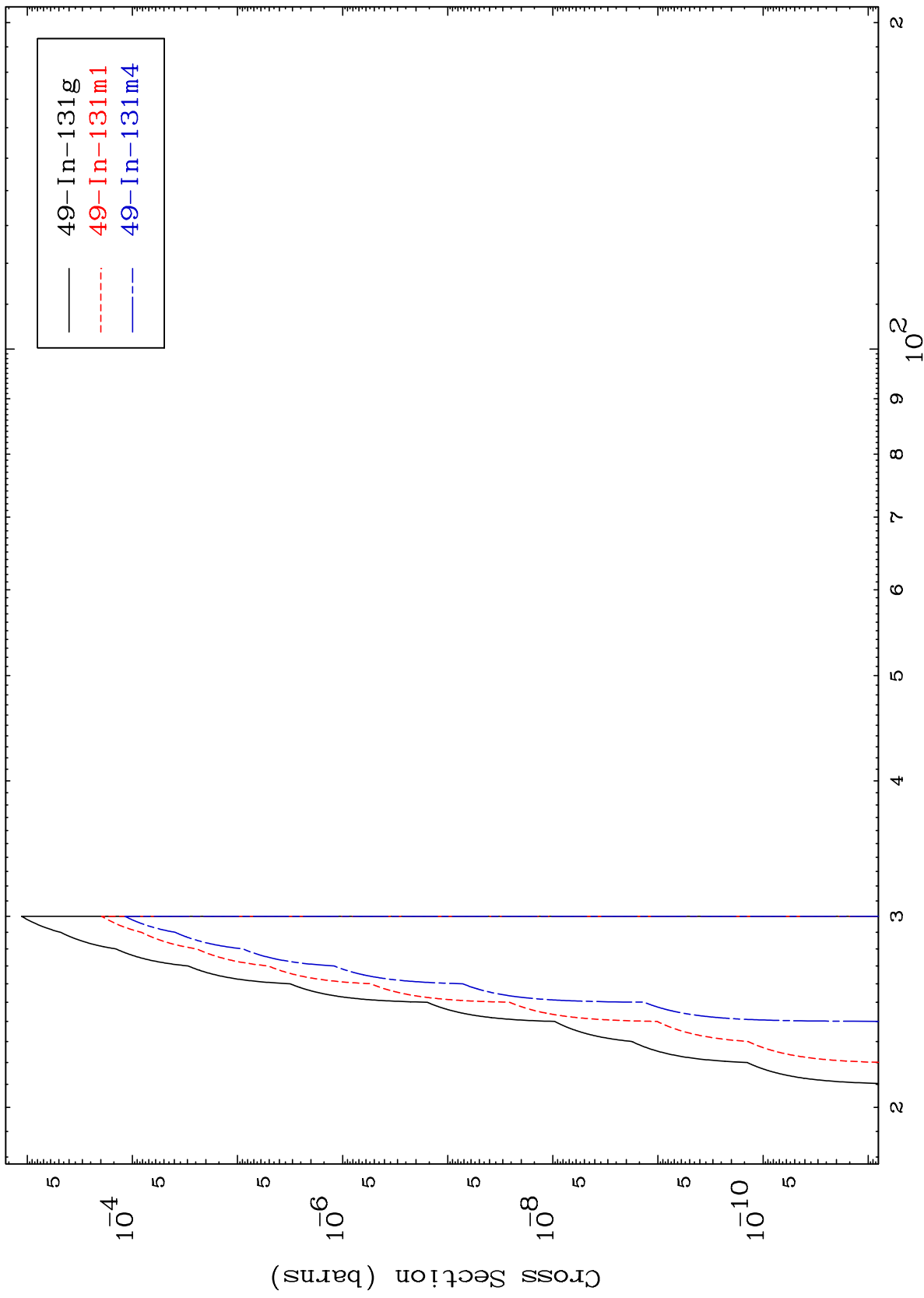
(n,4n)  
Radionuclide Production Cross Section



MAT 5088

50-Sn-133

(n,2n) p  
Radionuclide Production Cross Section



139

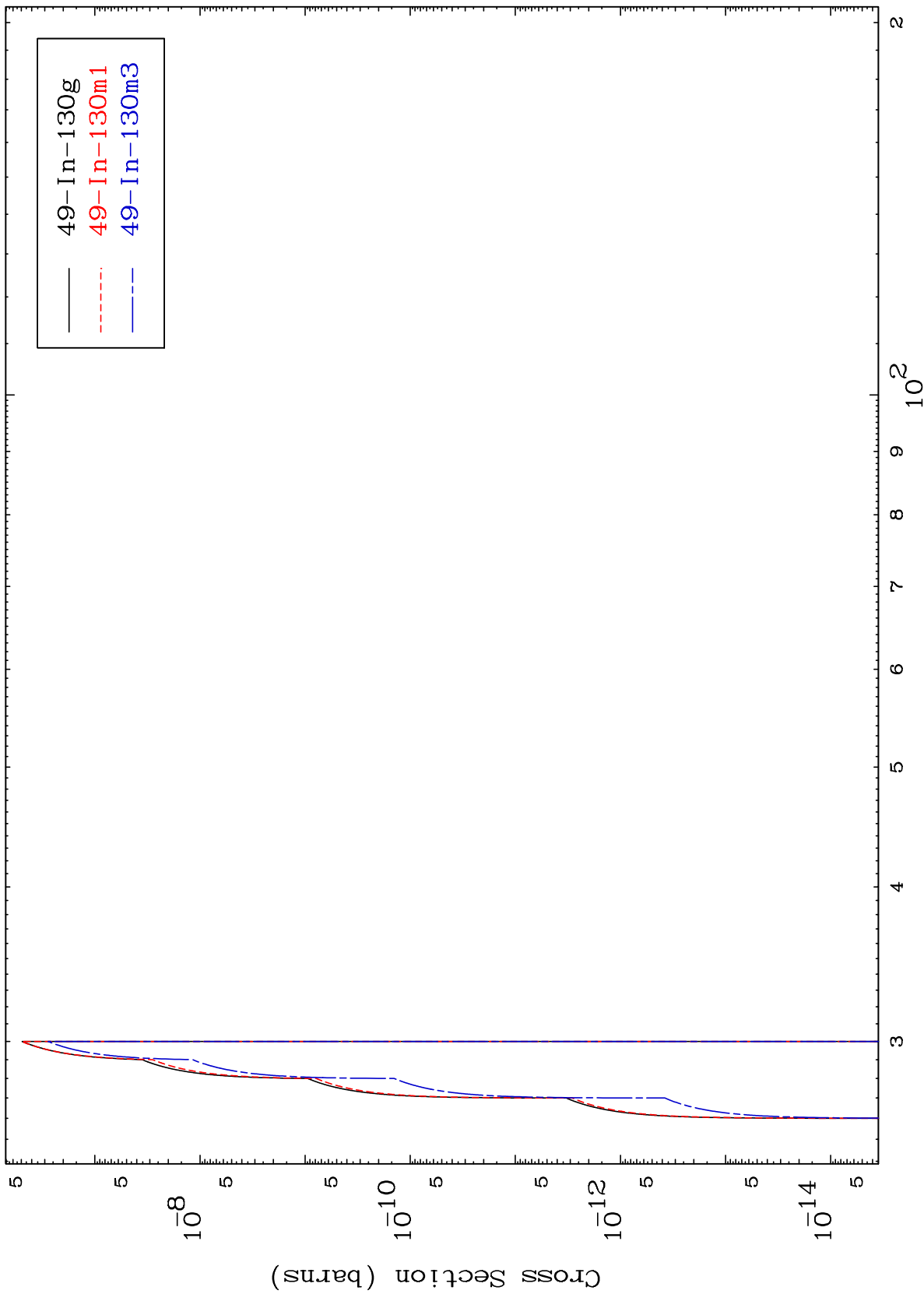
Incident Energy (MeV)

50-Sn-133

MAT 5088

50-Sn-133

(n,3n) p  
Radionuclide Production Cross Section



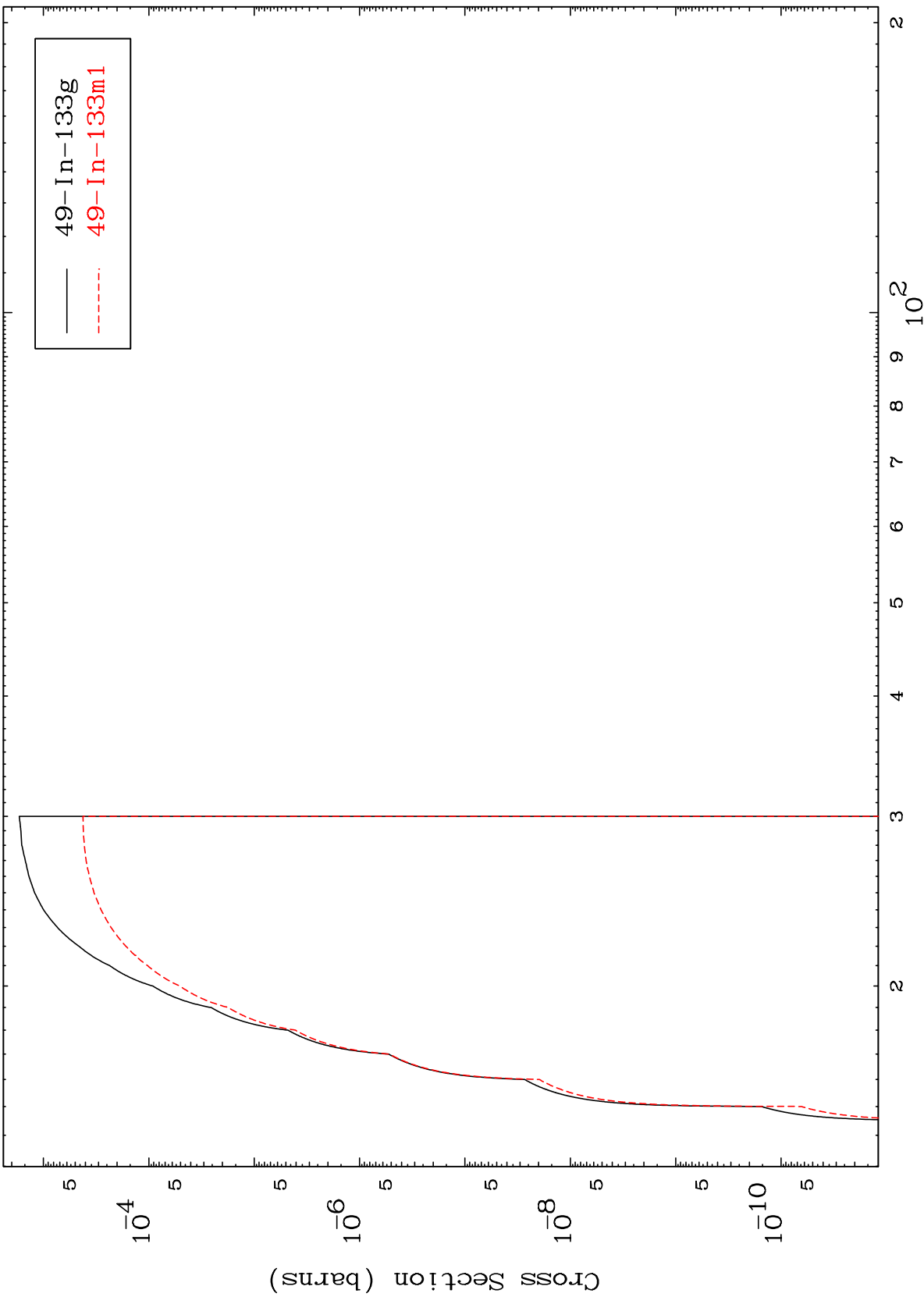
140

50-Sn-133

MAT 5088

50-Sn-133

(n,p)  
Radionuclide Production Cross Section



141

Incident Energy (MeV)

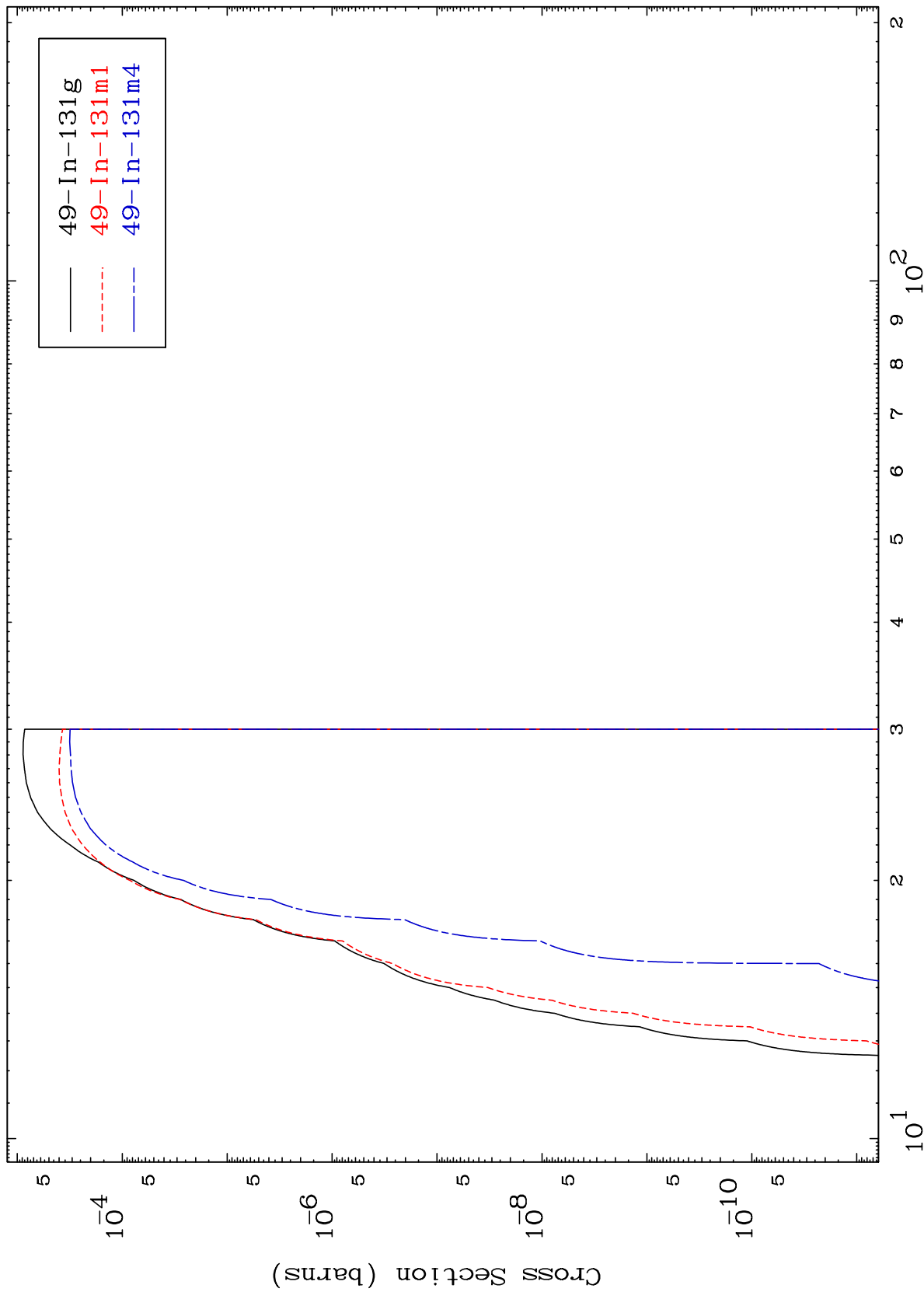
50-Sn-133

MAT 5088

(n, t)

50-Sn-133

Radionuclide Production Cross Section



142

Incident Energy (MeV)

50-Sn-133