

Program EVALPLOT
(Version 2015-2)

by

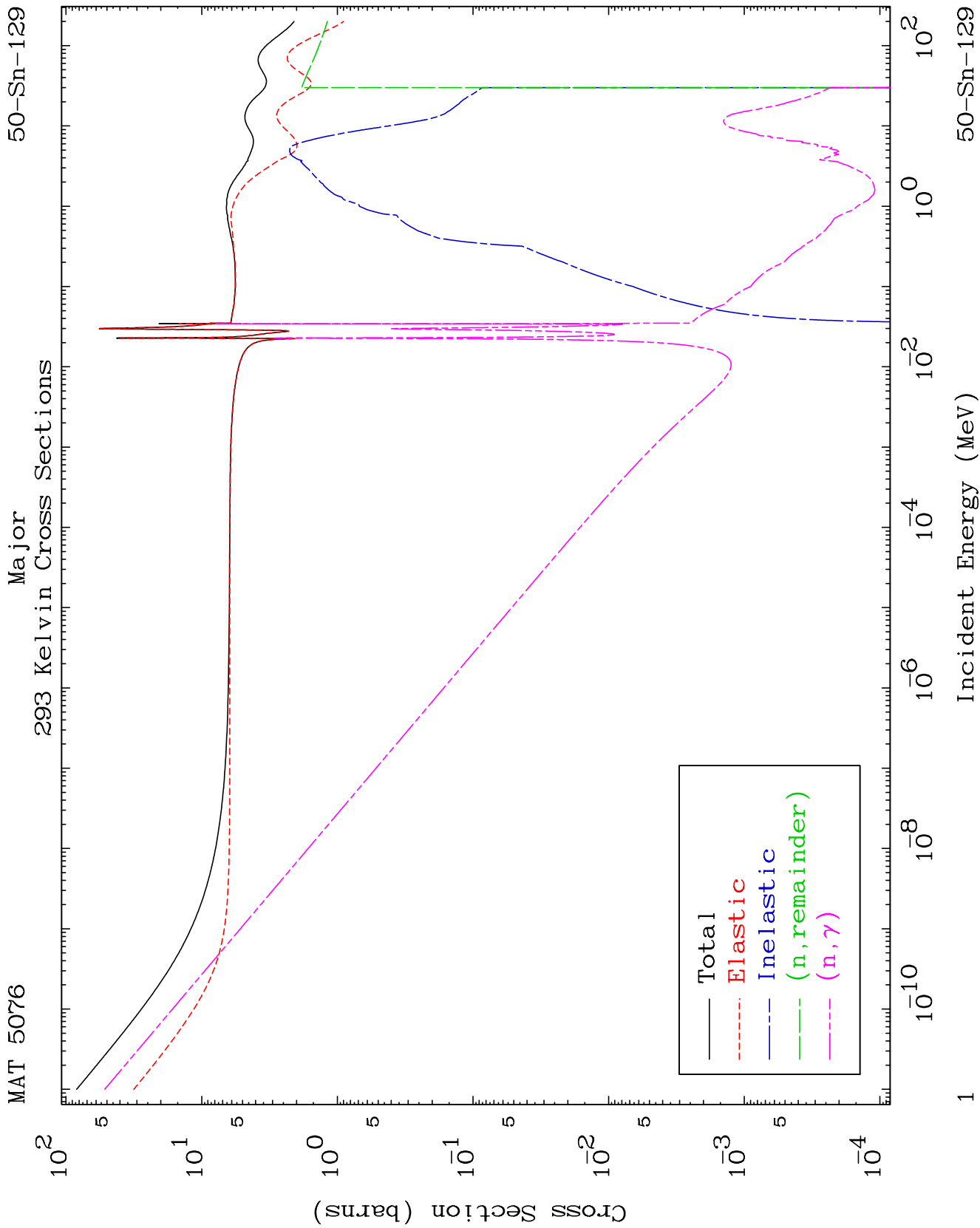
Dermott E. Cullen
(Present Contact Information)

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E.Mail:redcullen1@comcast.net
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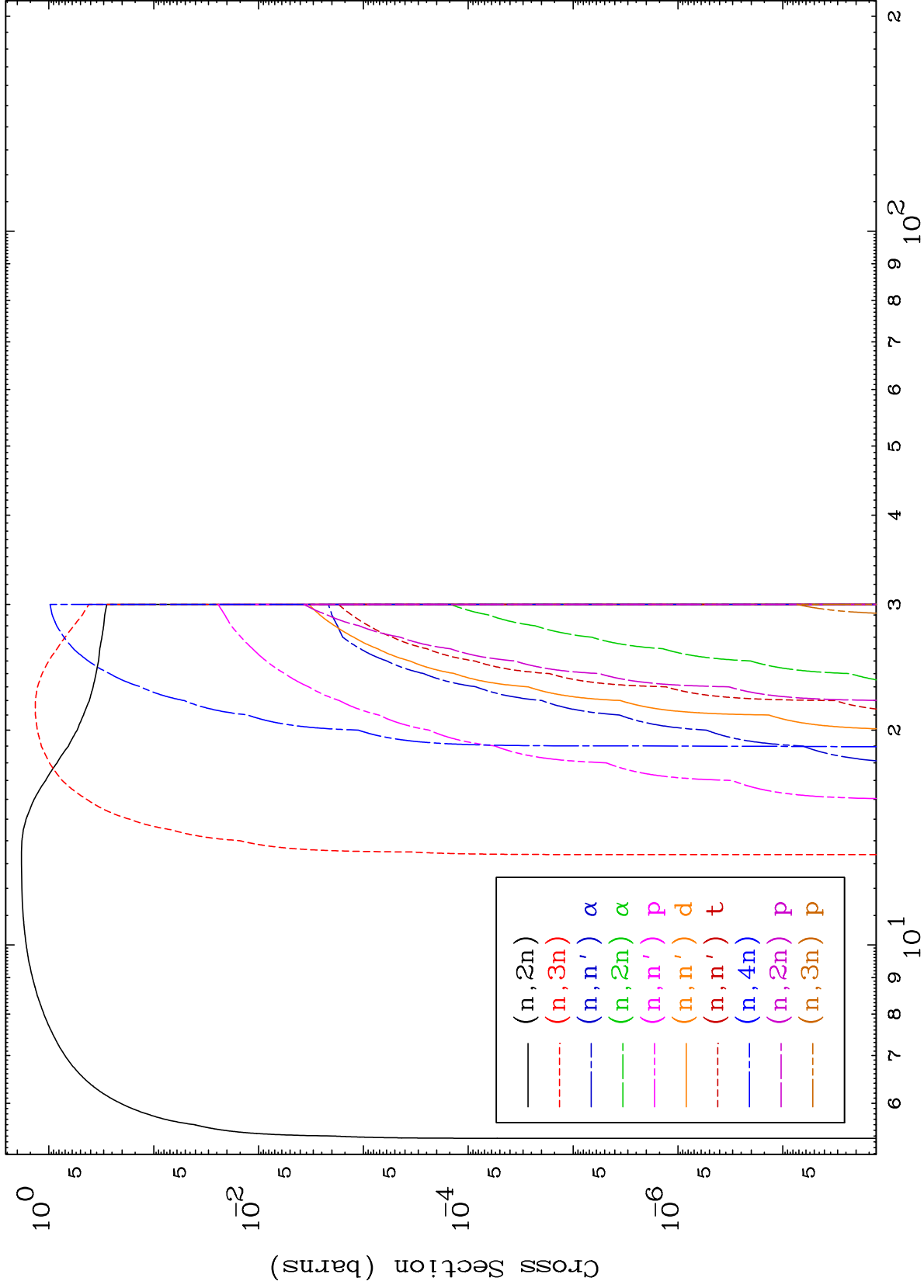
Press Mouse Button to Start



MAT 5076

Neutron Production
293 Kelvin Cross Sections

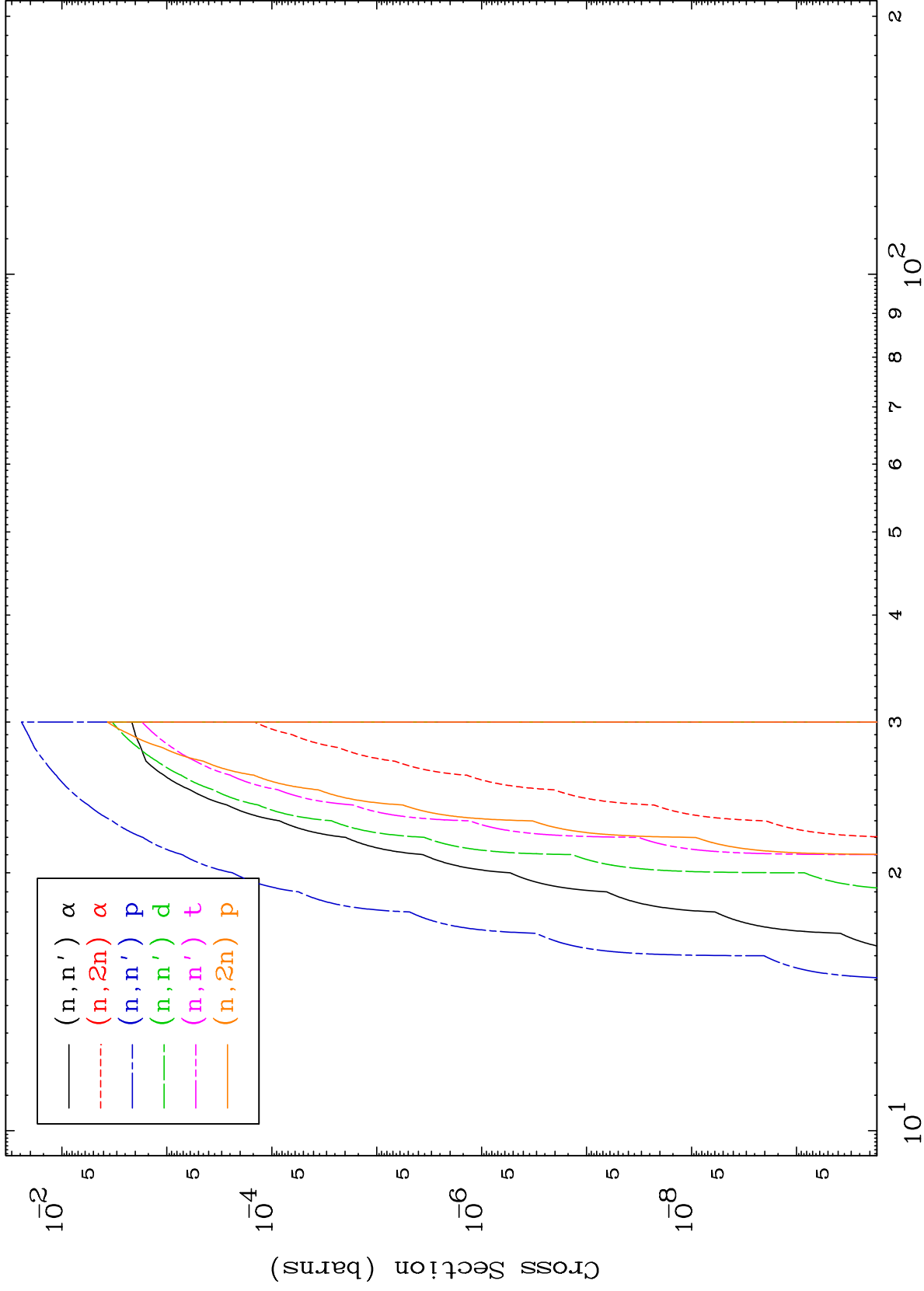
50-Sn-129



MAT 5076

Charged Particle
293 Kelvin Cross Sections

50-Sn-129



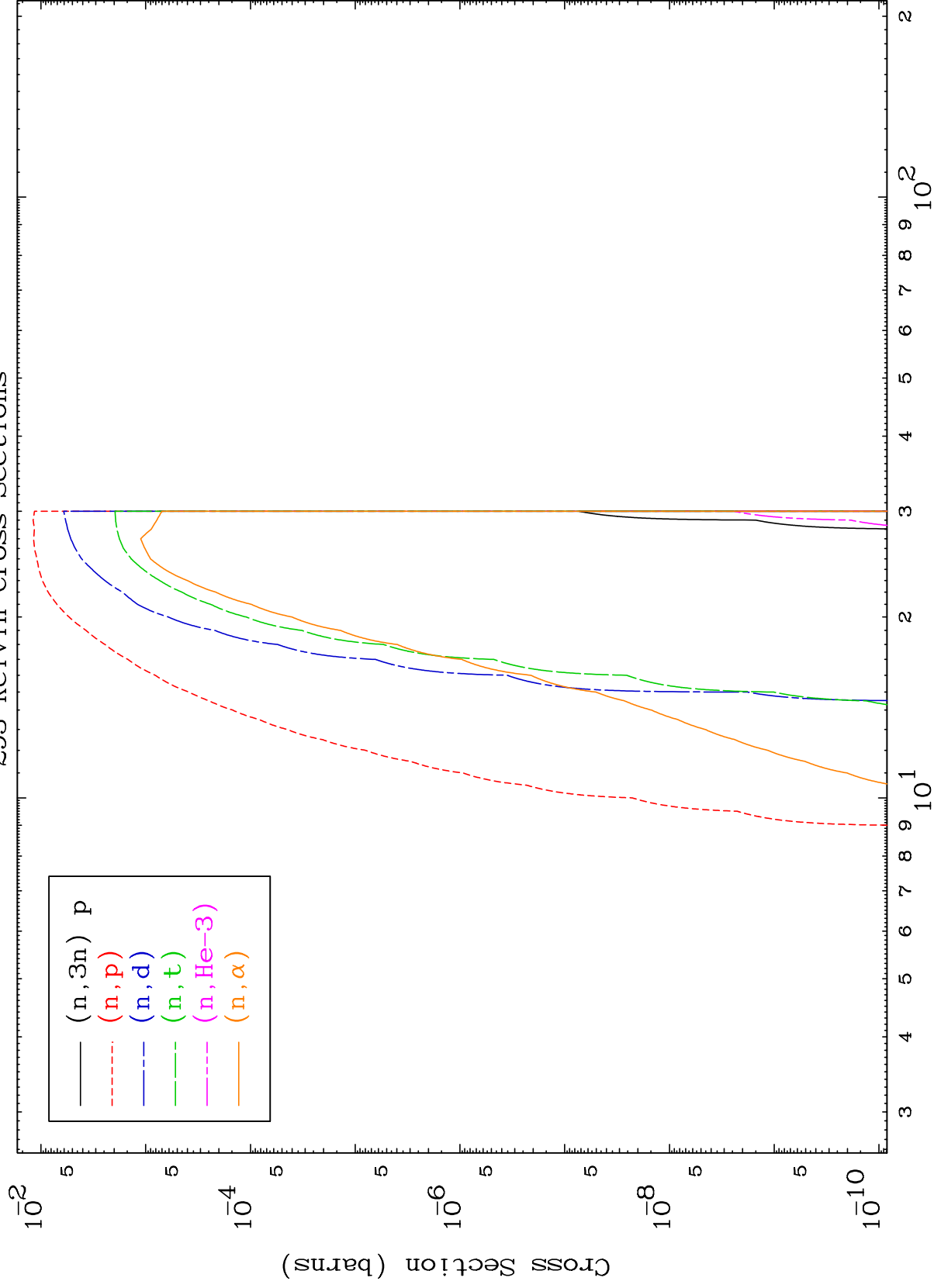
Incident Energy (MeV)

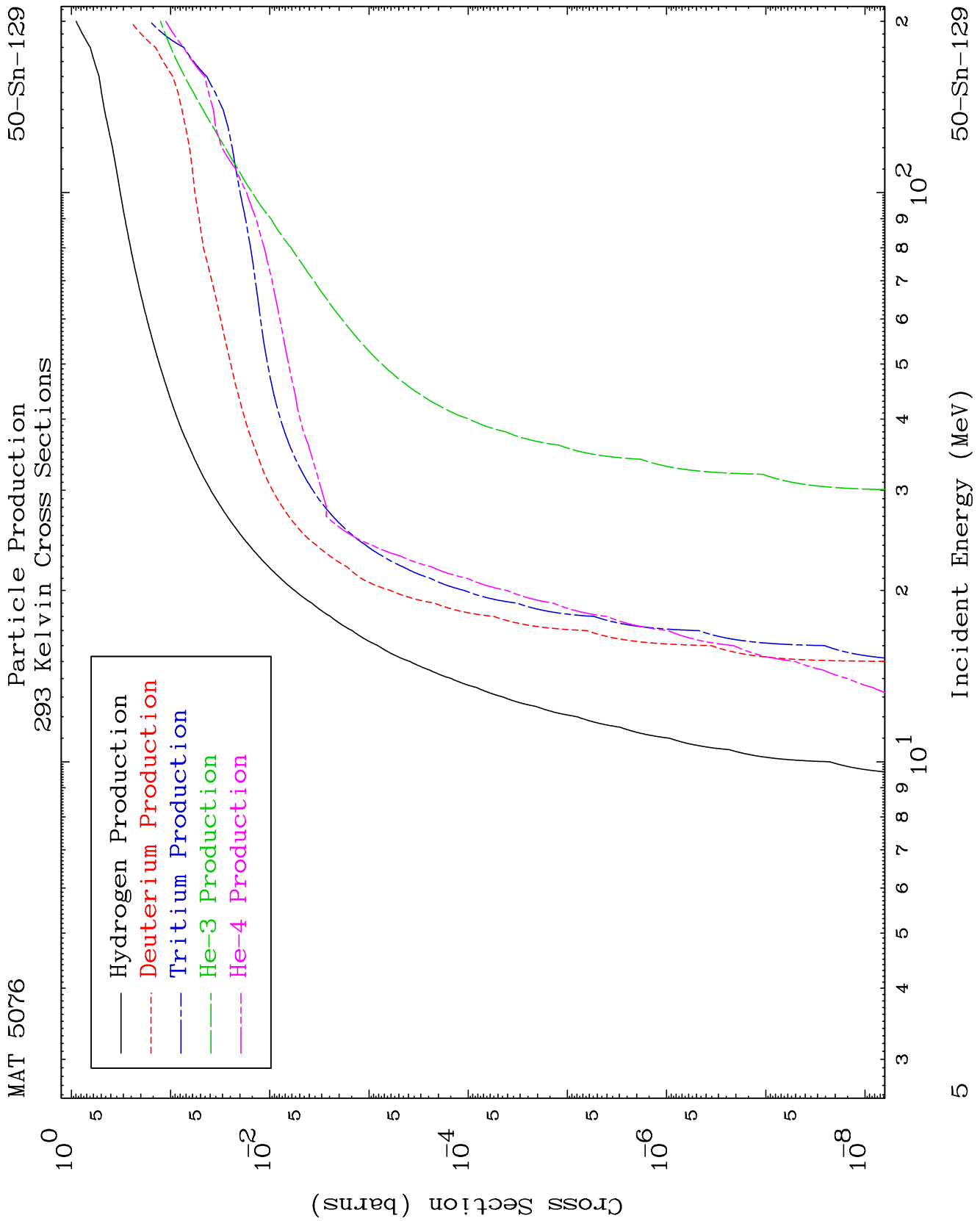
50-Sn-129

MAT 5076

Charged Particle
293 Kelvin Cross Sections

50-Sn-129

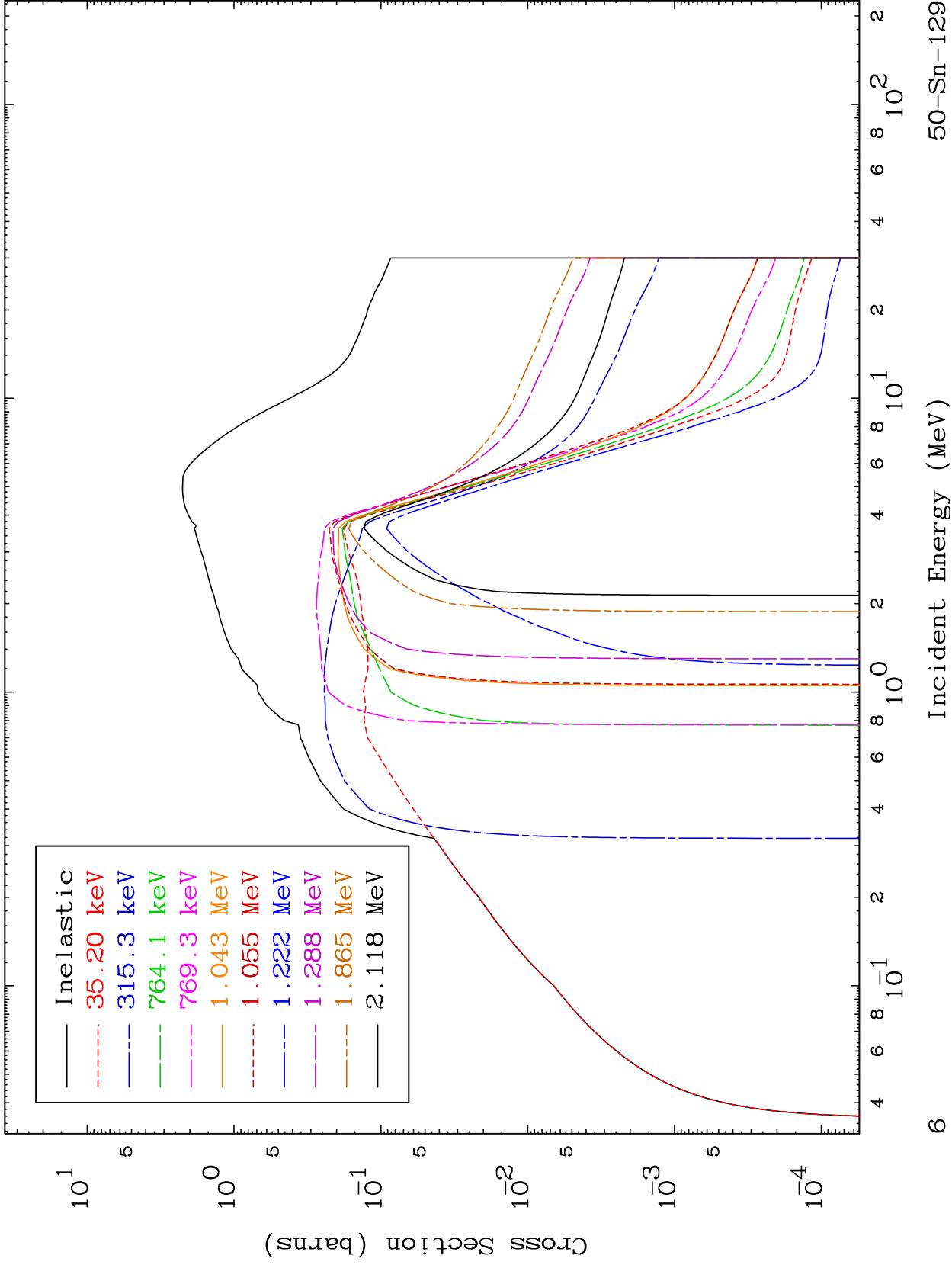




MAT 5076

(n,n') Level
293 Kelvin Cross Sections

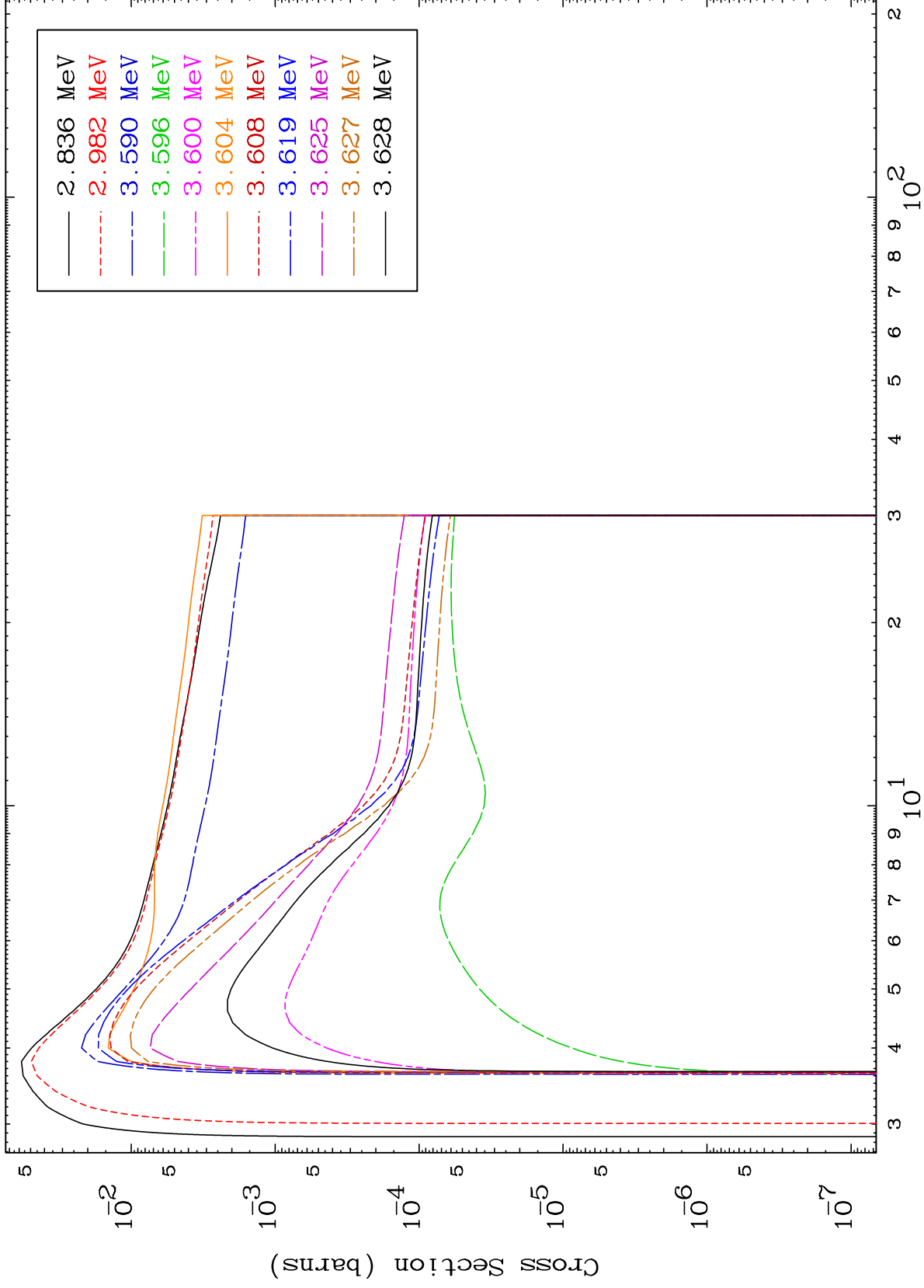
50-Sn-129



MAT 5076

(n,n') Level
293 Kelvin Cross Sections

50-Sn-129



7

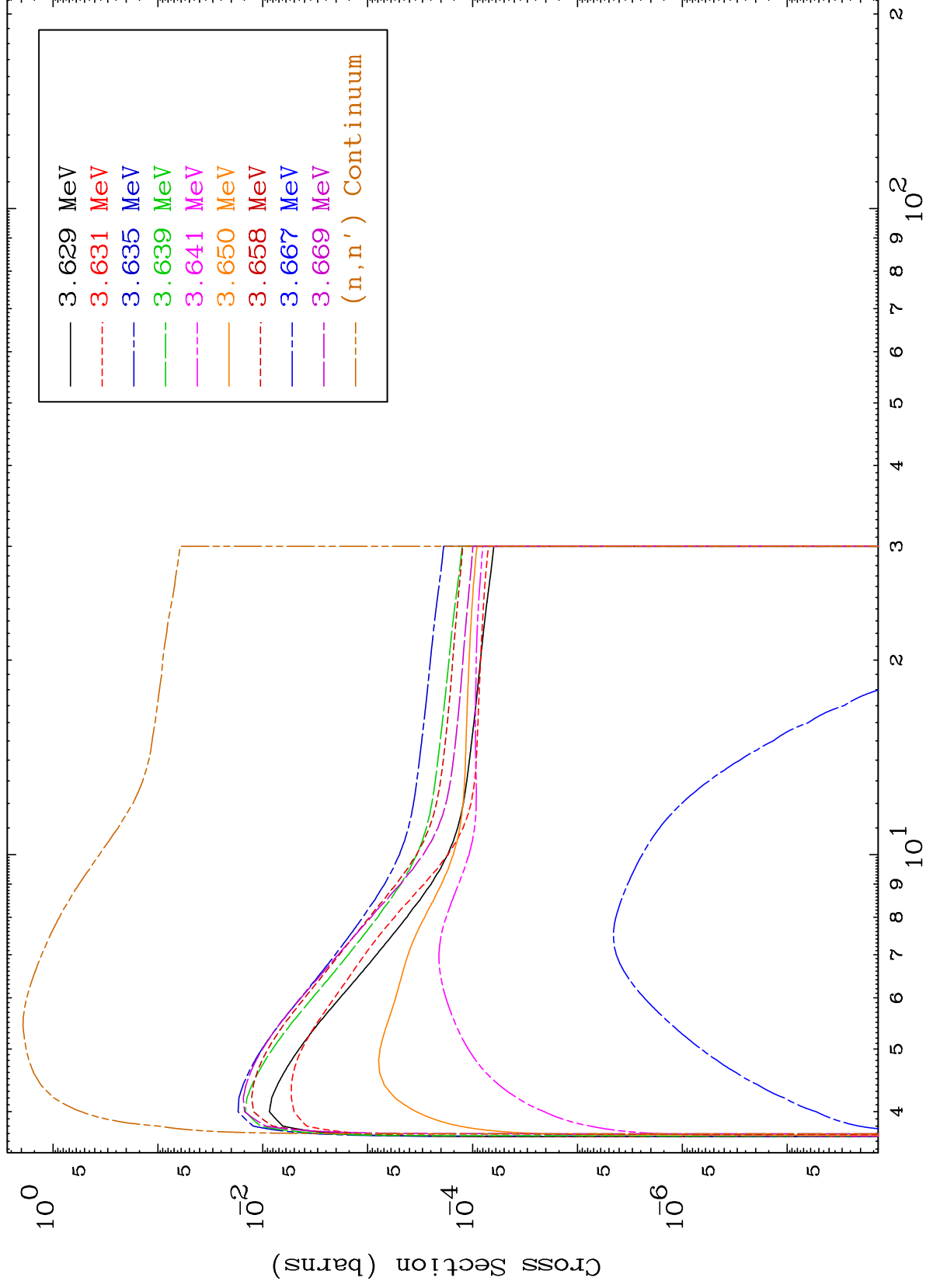
Incident Energy (MeV)

50-Sn-129

MAT 5076

(n,n') Level
293 Kelvin Cross Sections

50-Sn-129



8

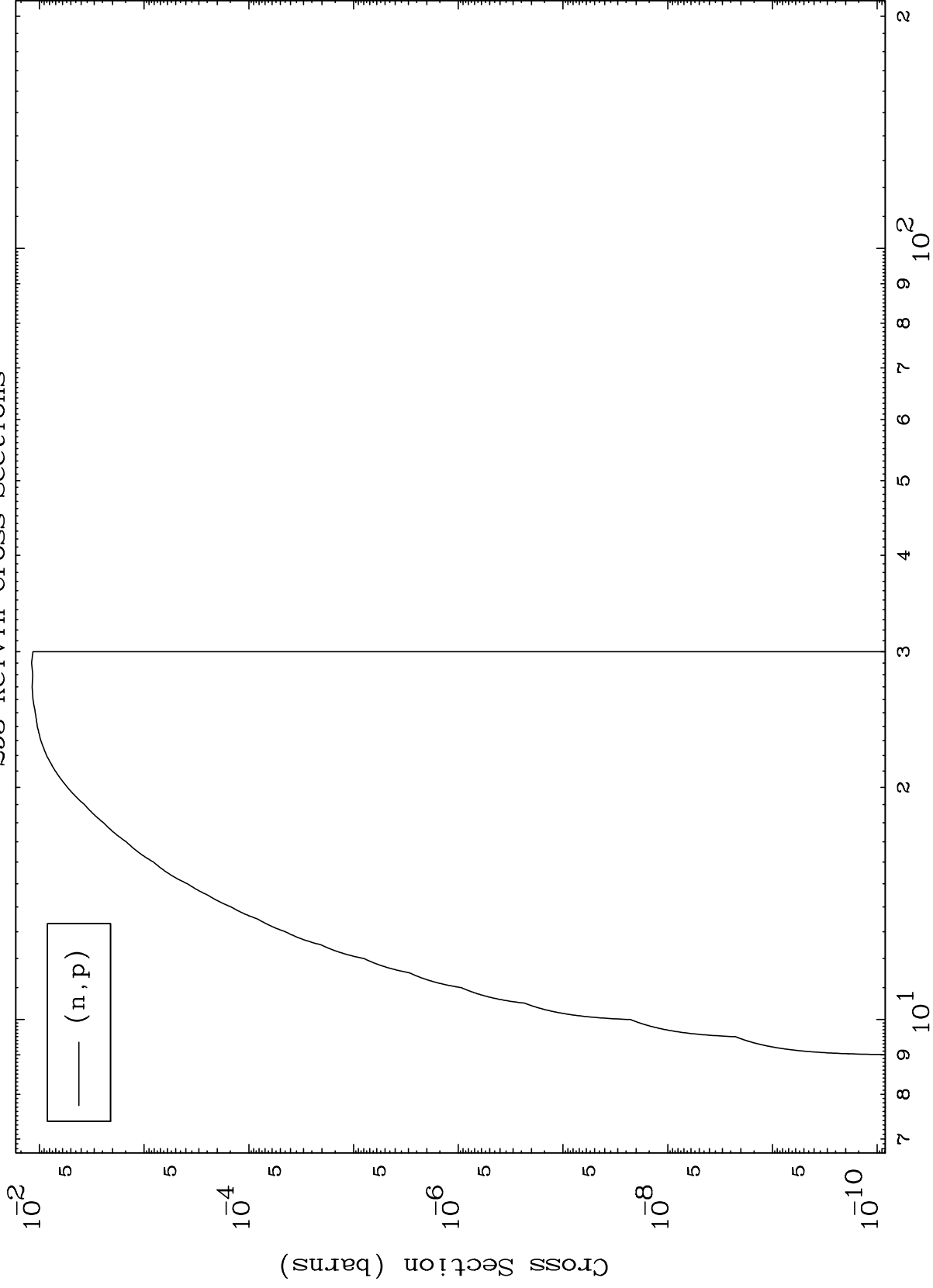
Incident Energy (MeV)

50-Sn-129

MAT 5076

(n,p) Levels
293 Kelvin Cross Sections

50-Sn-129



9

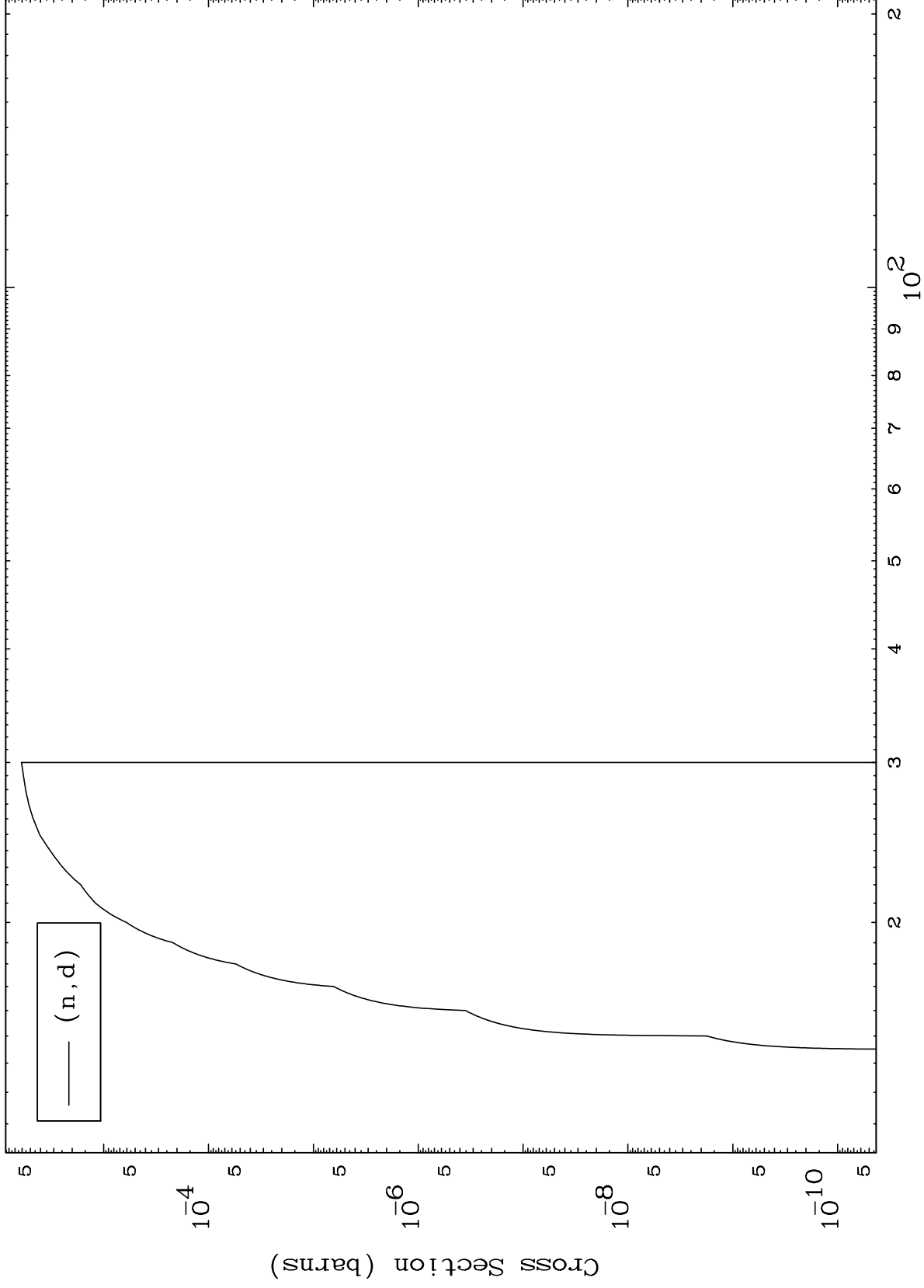
Incident Energy (MeV)

50-Sn-129

MAT 5076

(n,d) Levels
293 Kelvin Cross Sections

50-Sn-129



10

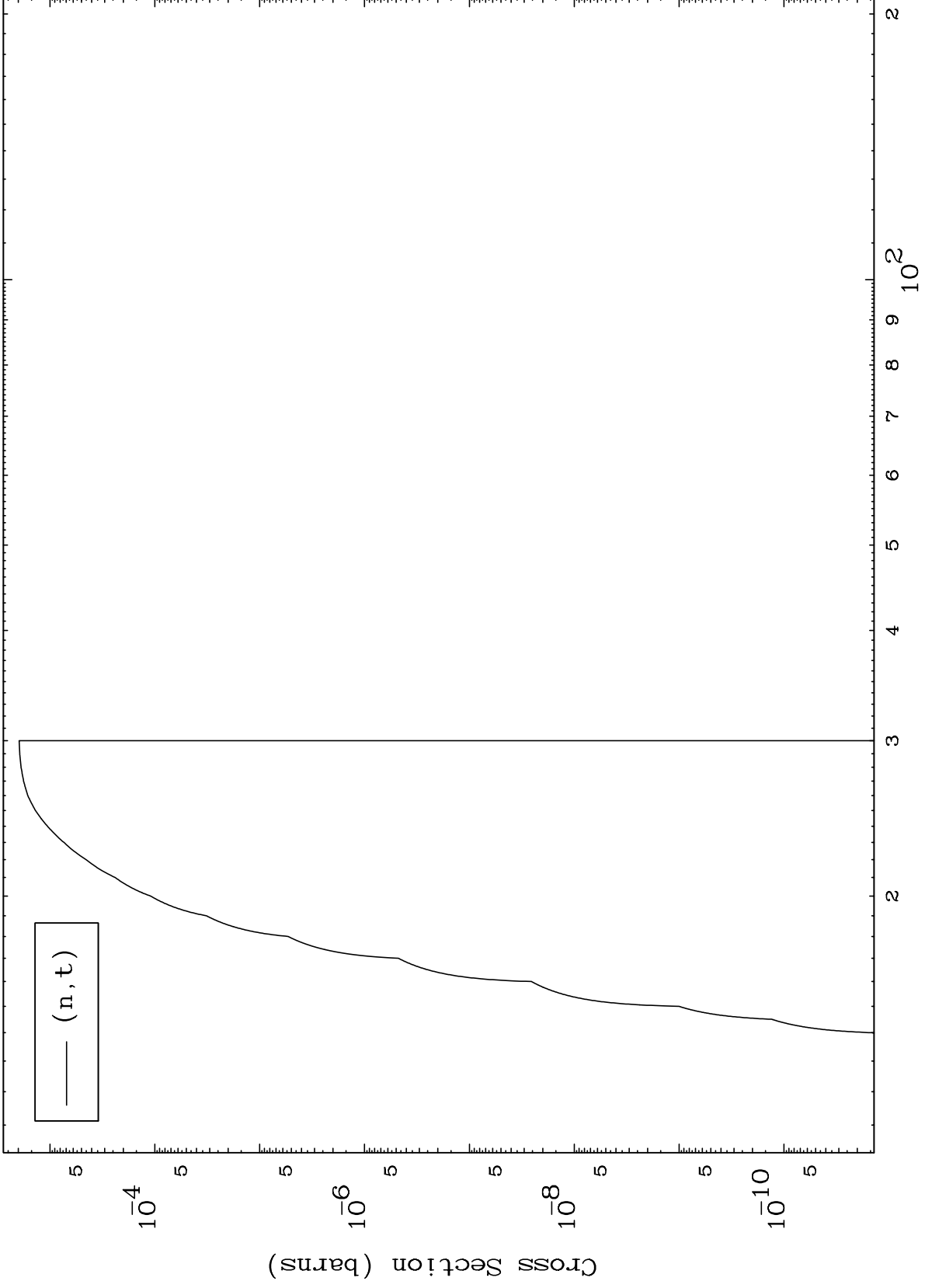
Incident Energy (MeV)

50-Sn-129

MAT 5076

(n,t) Levels
293 Kelvin Cross Sections

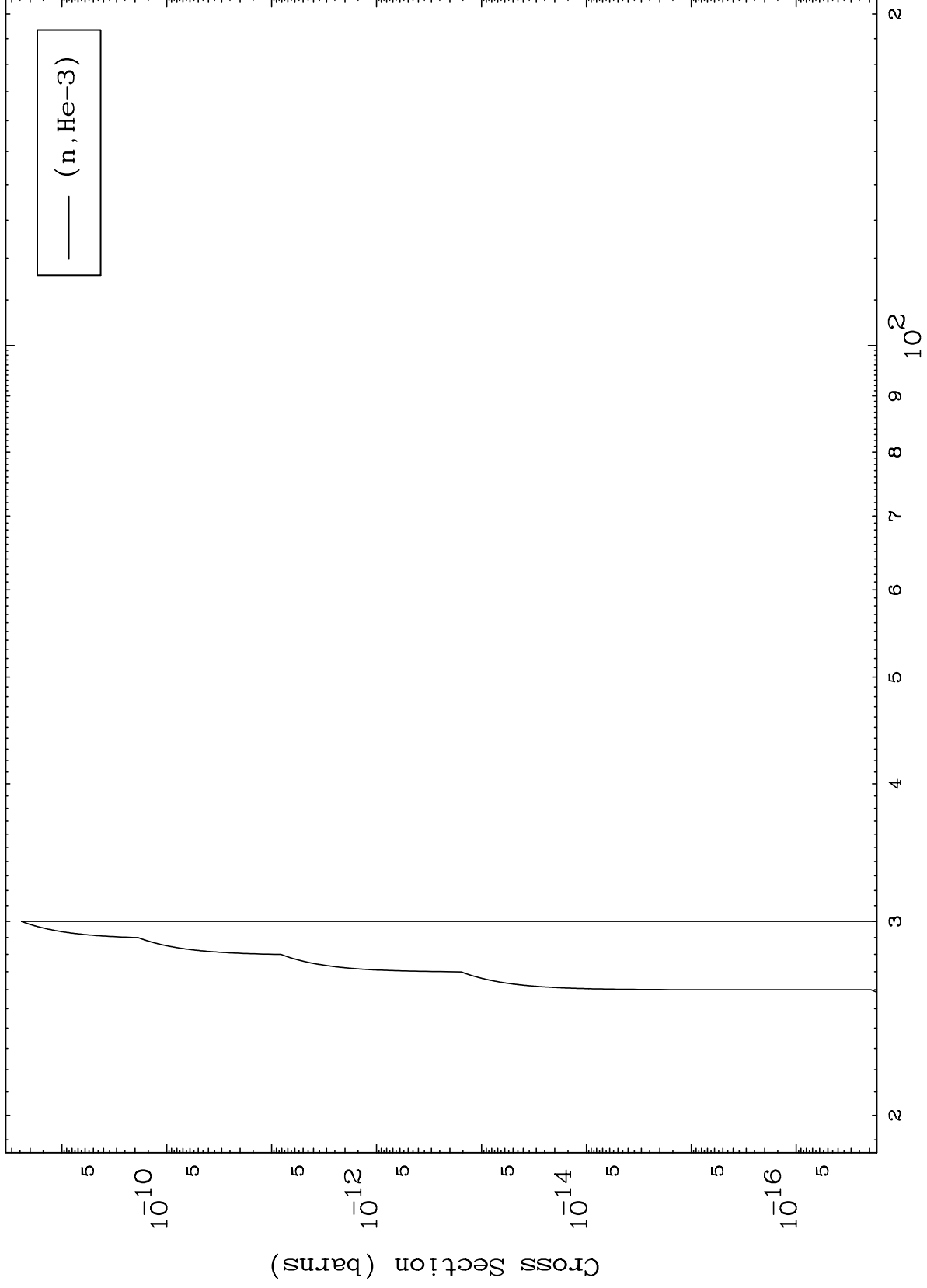
50-Sn-129



MAT 5076

(n,He3) Levels
293 Kelvin Cross Sections

50-Sn-129



12

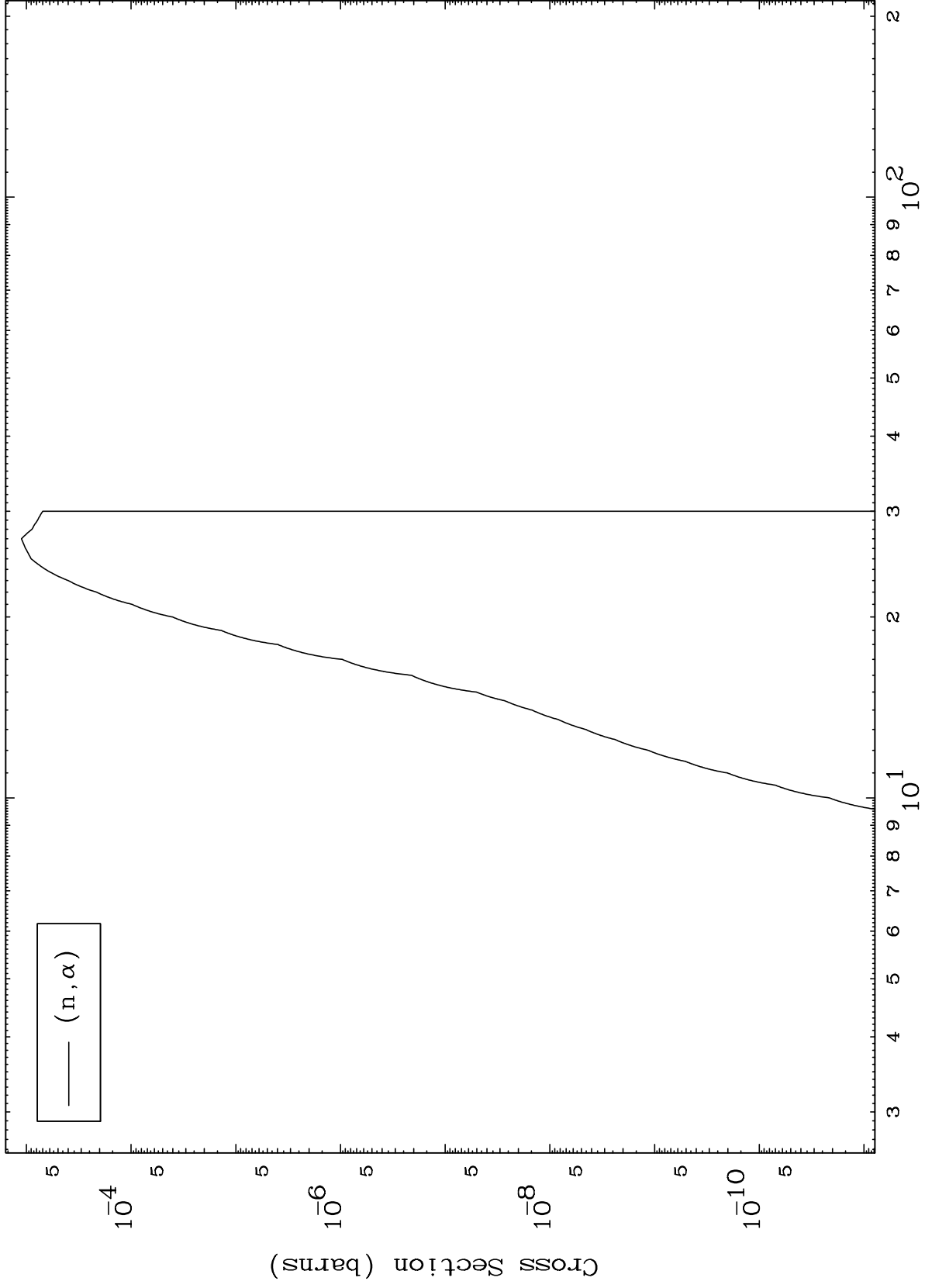
Incident Energy (MeV)

50-Sn-129

MAT 5076

(n, α) Levels
293 Kelvin Cross Sections

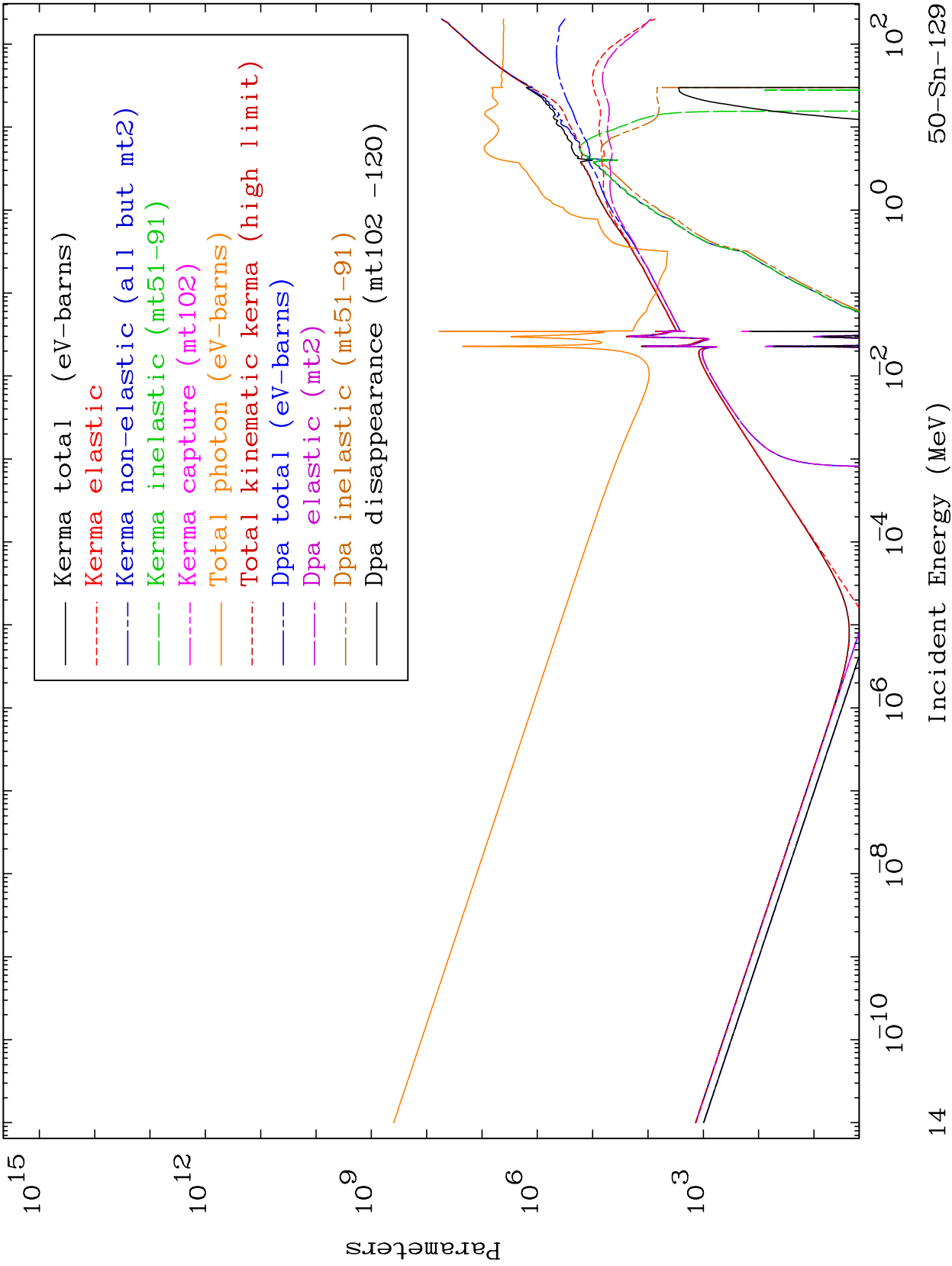
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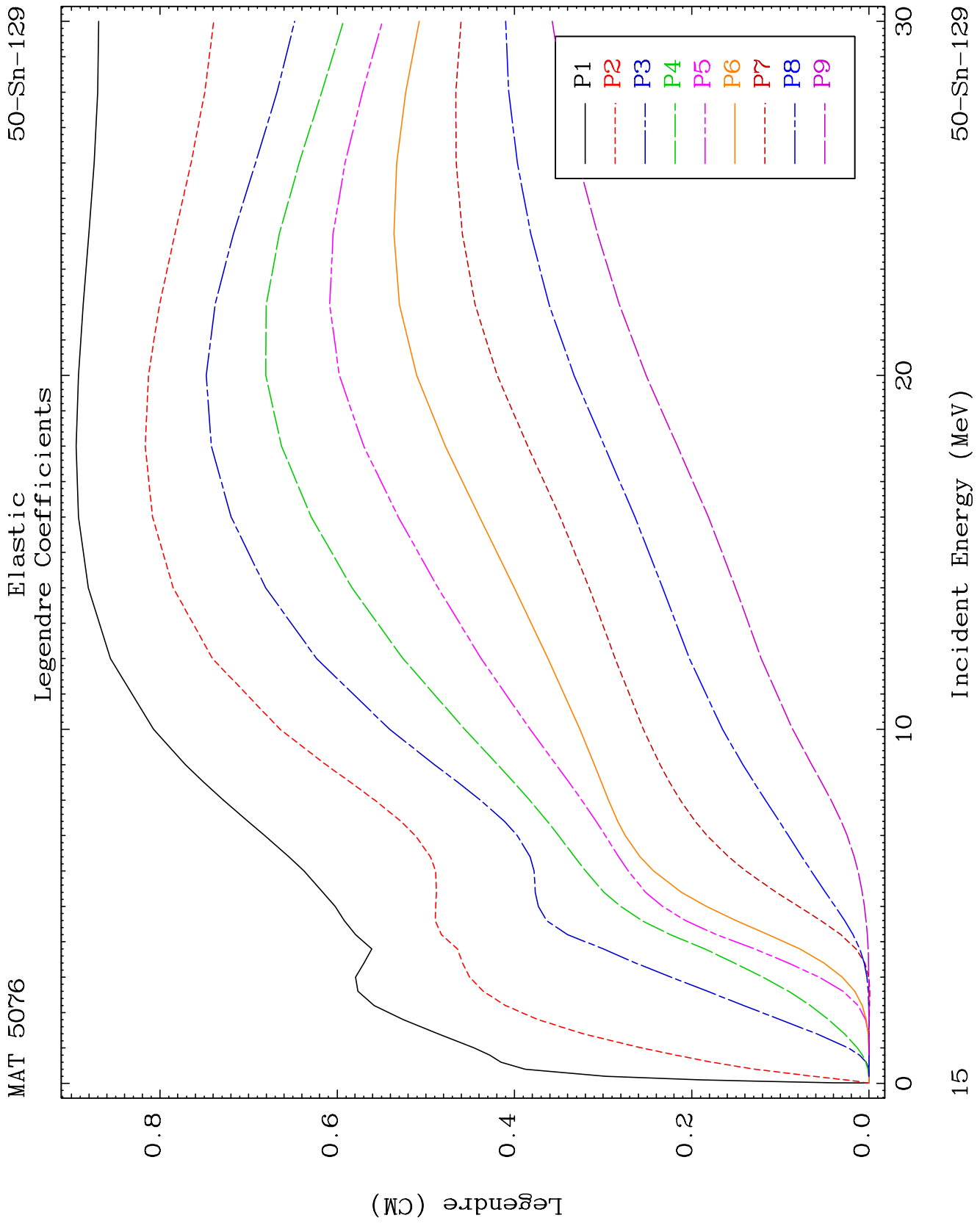


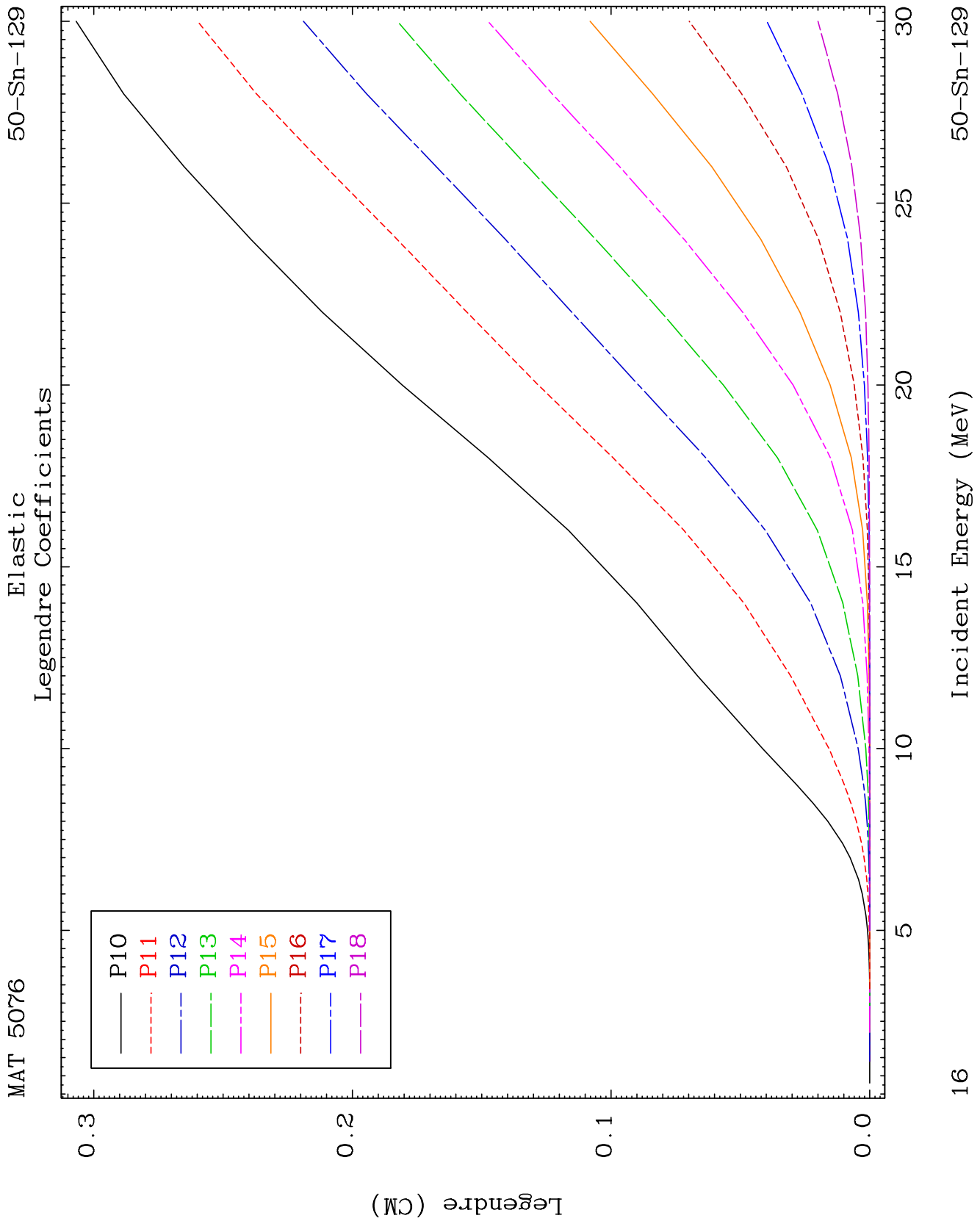
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Incident Energy (MeV)

50-Sn-129



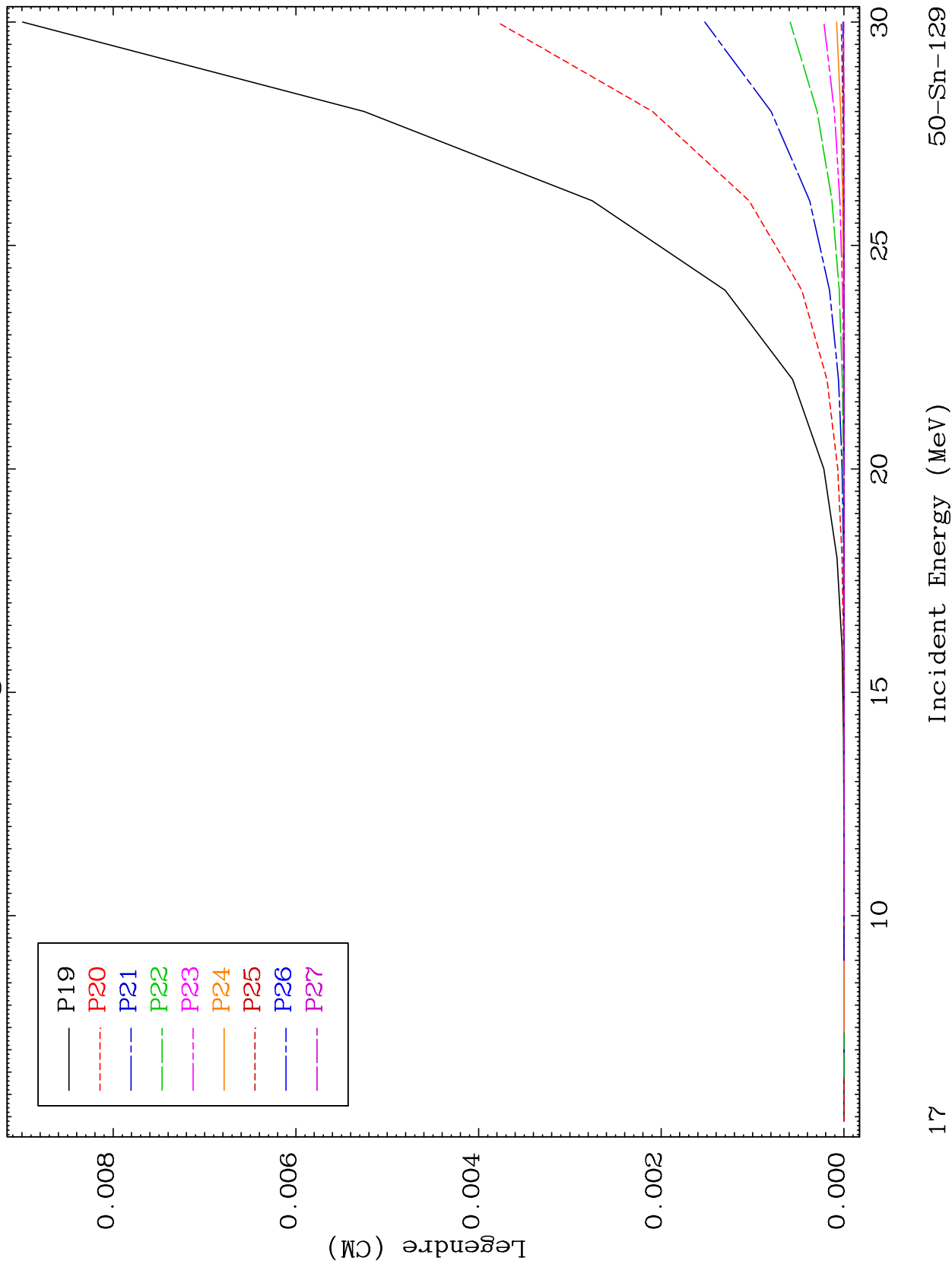




MAT 5076

Elastic Legendre Coefficients

50-Sn-129



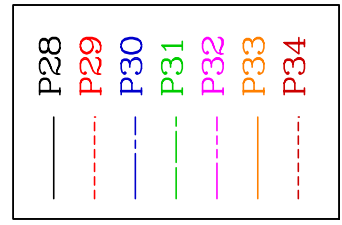
17

50-Sn-129

MAT 5076

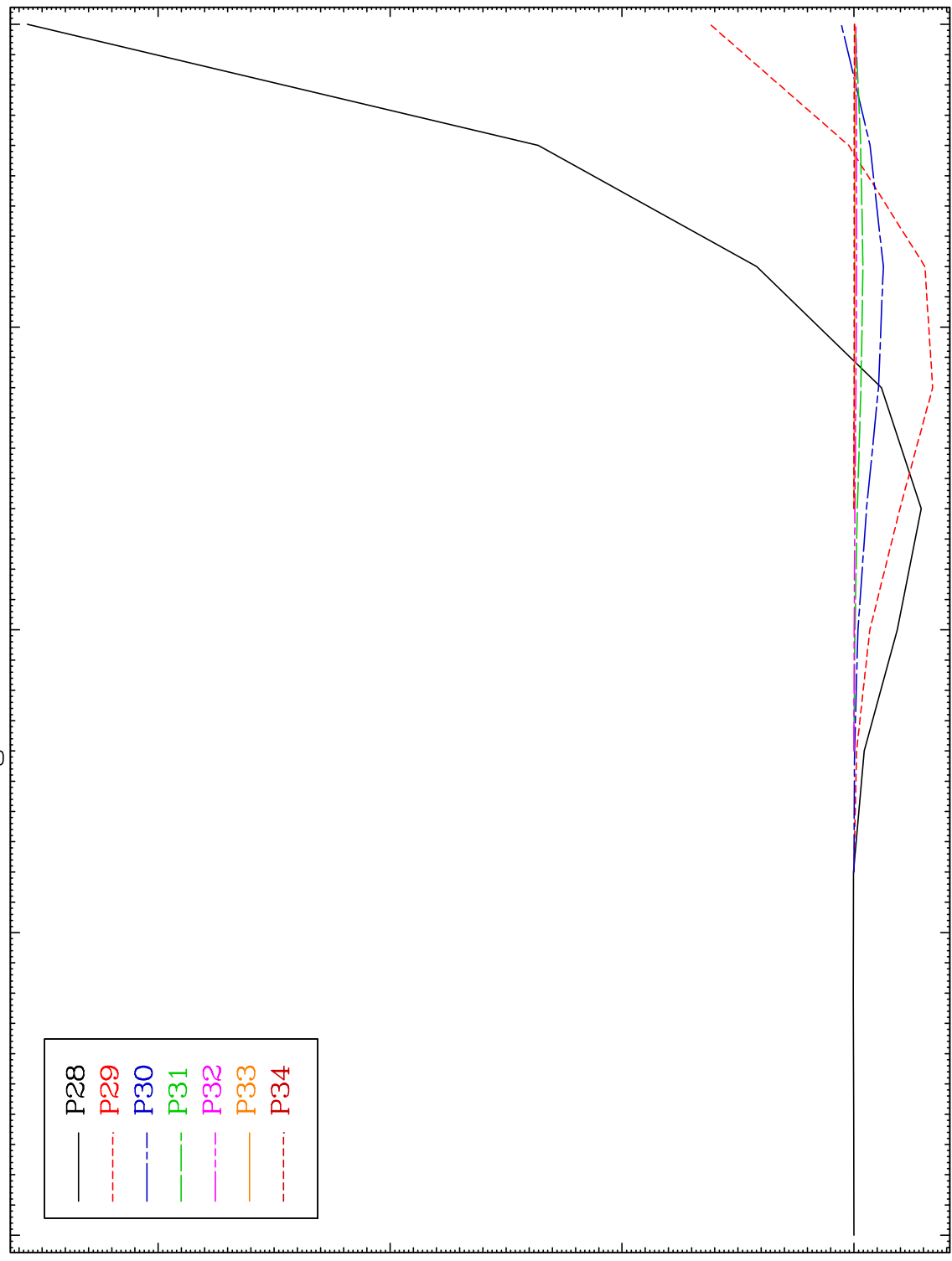
Elastic Legendre Coefficients

50-Sn-129



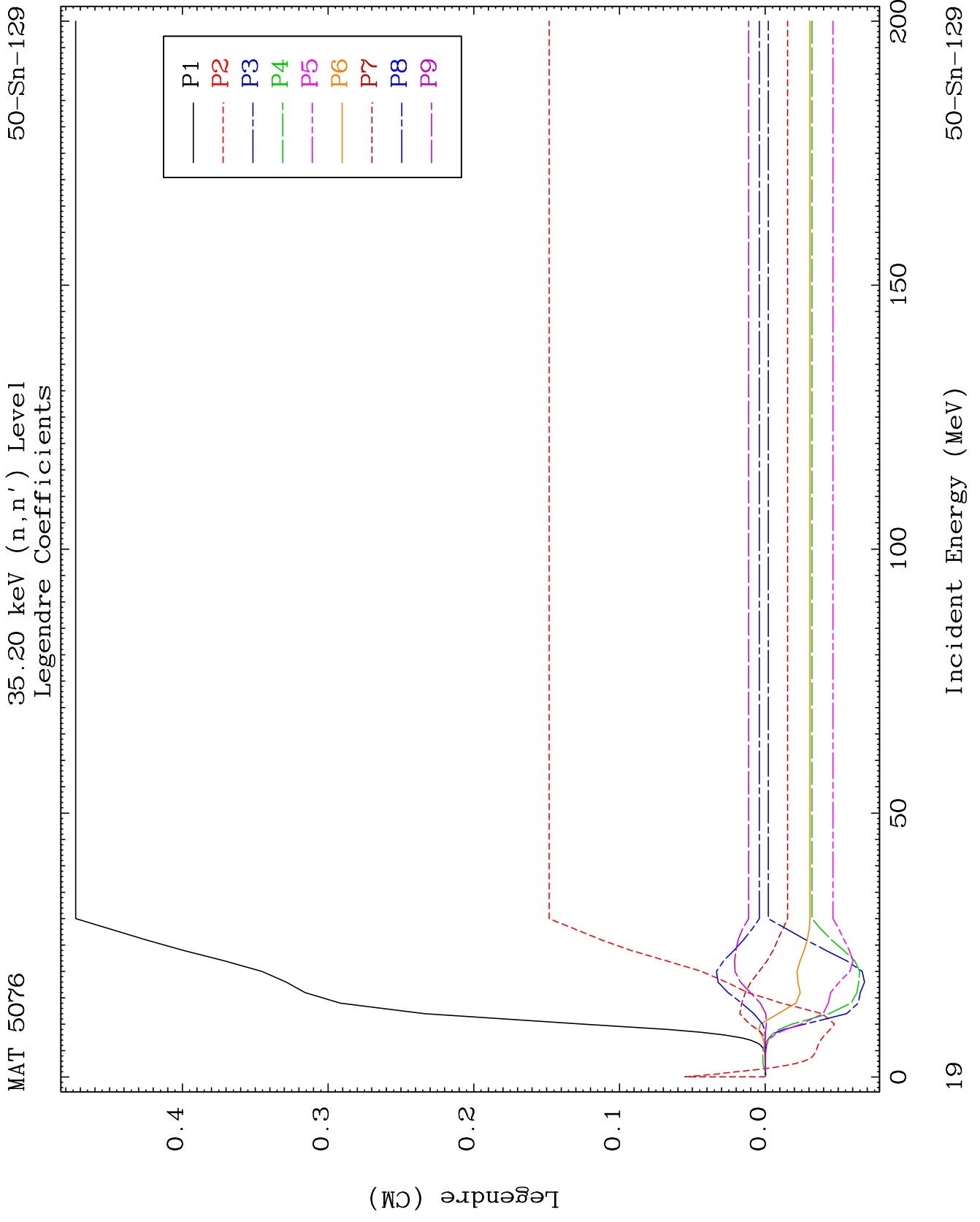
$\times 10^{-7}$

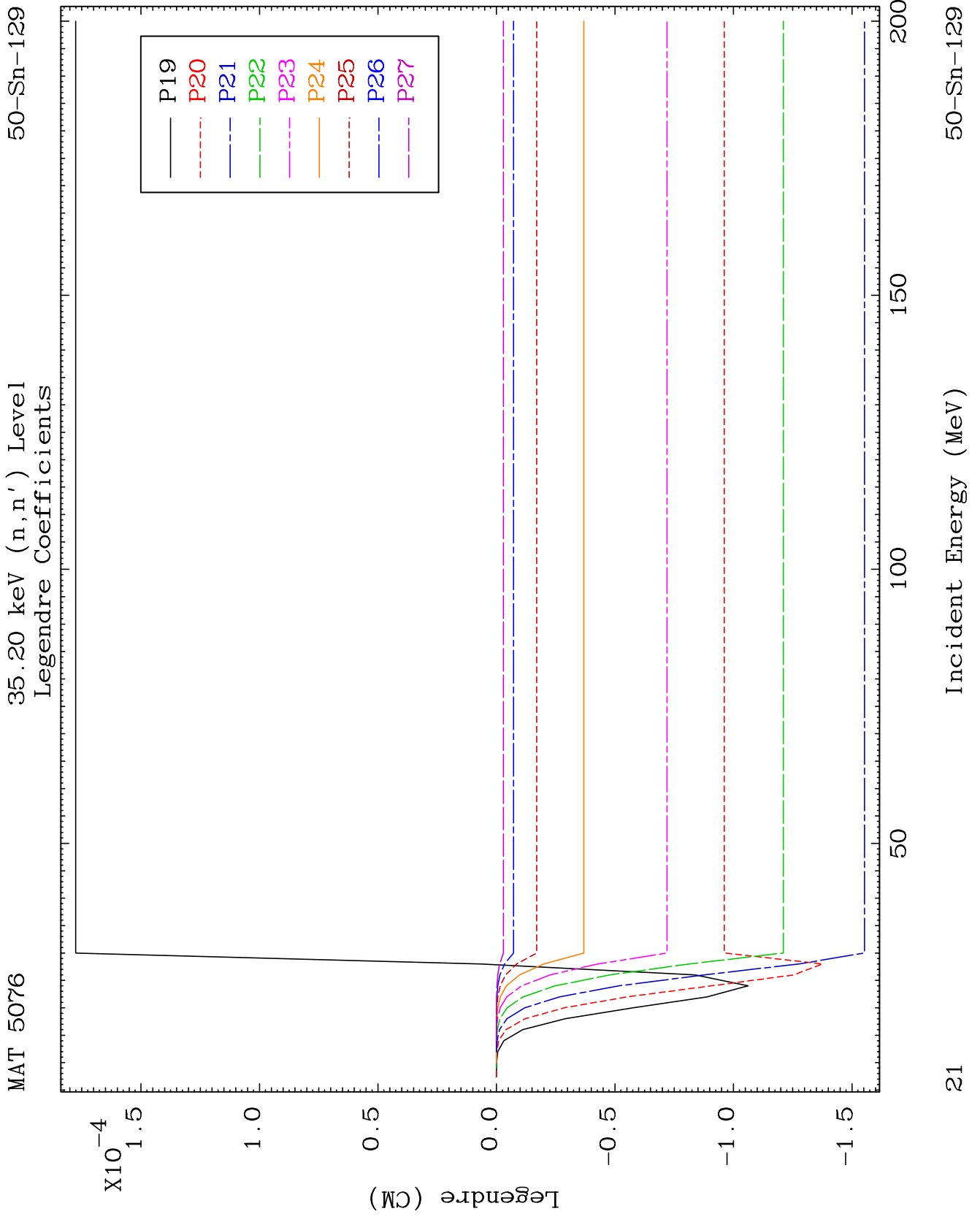
Legendre (CM)

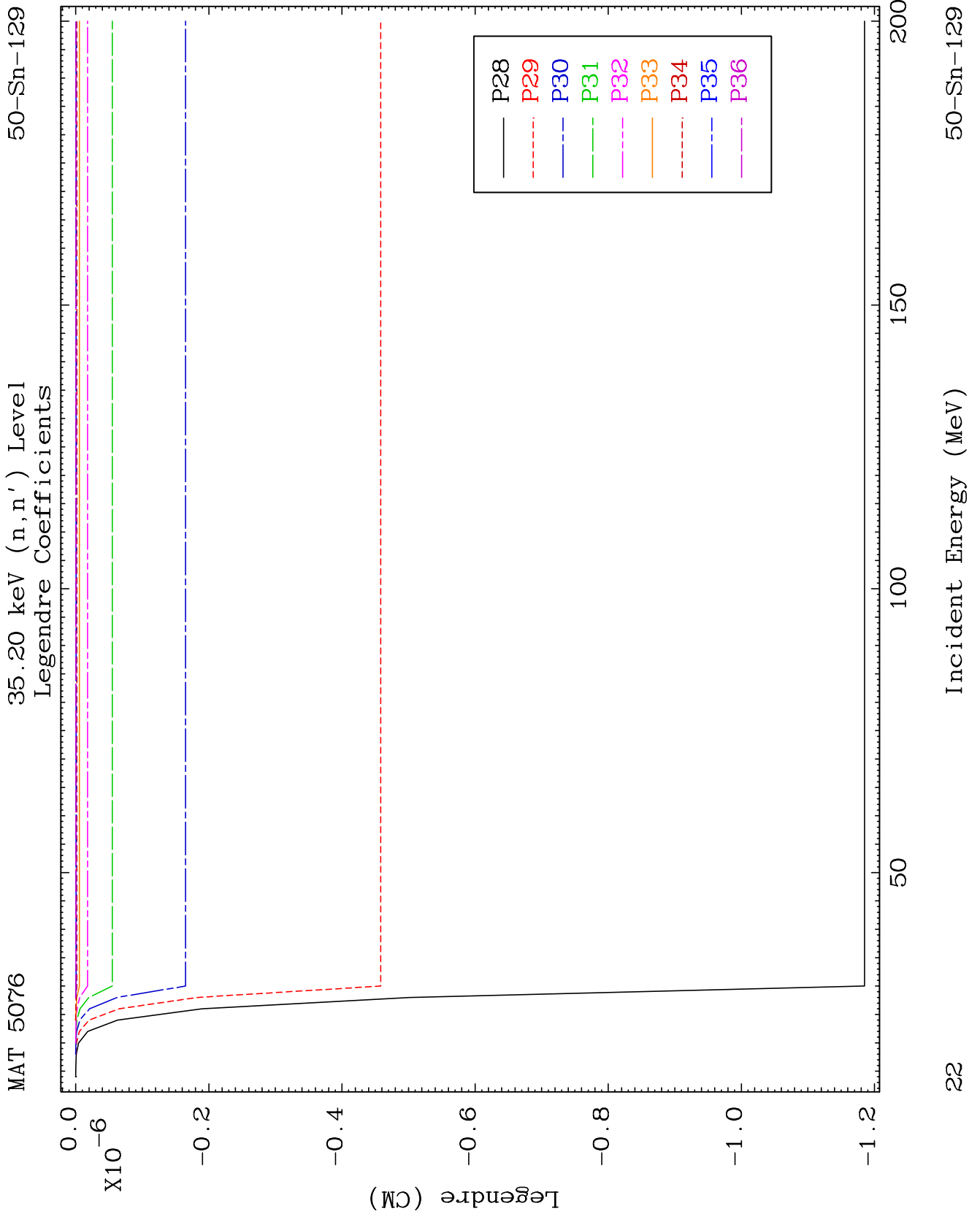


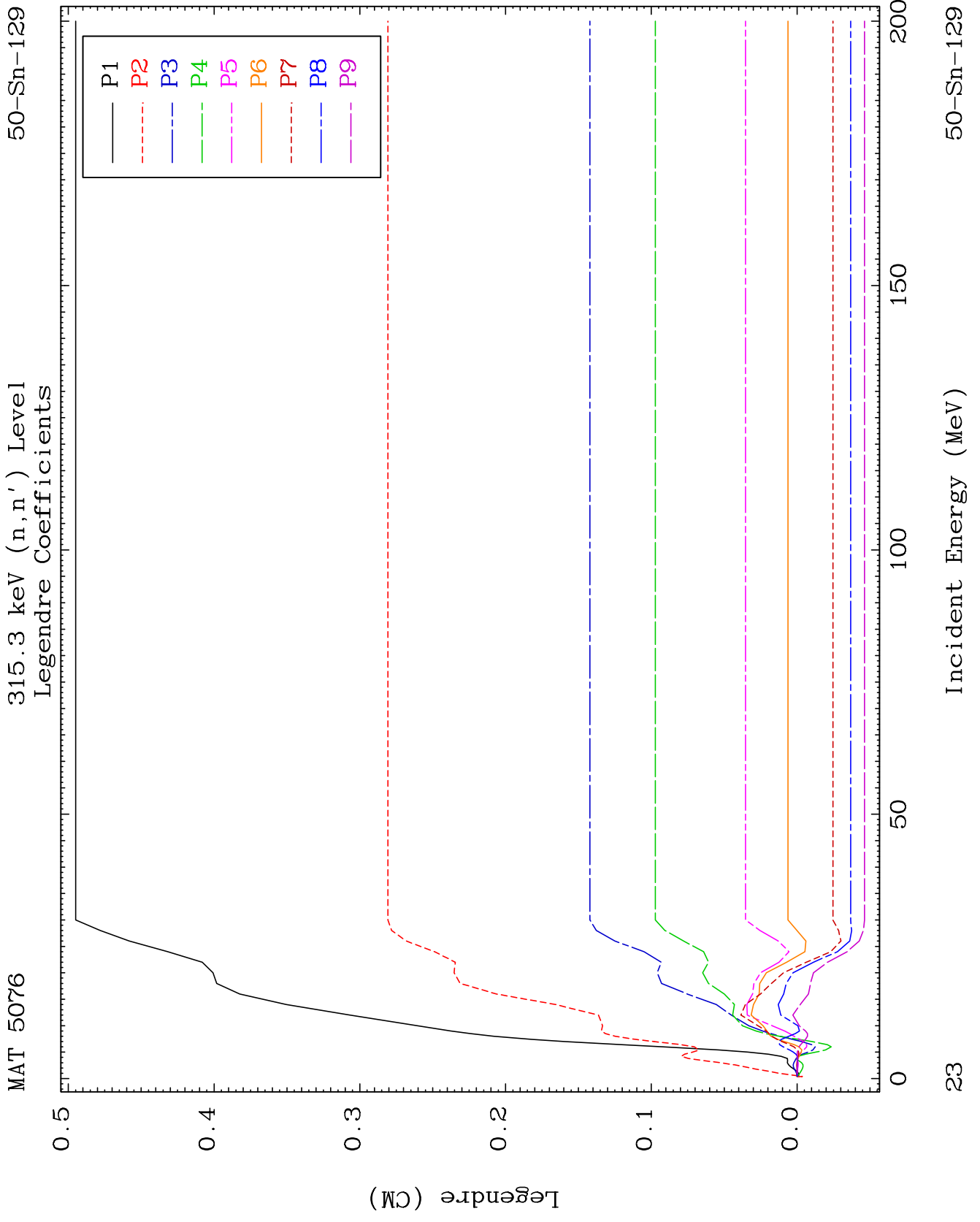
Incident Energy (MeV)

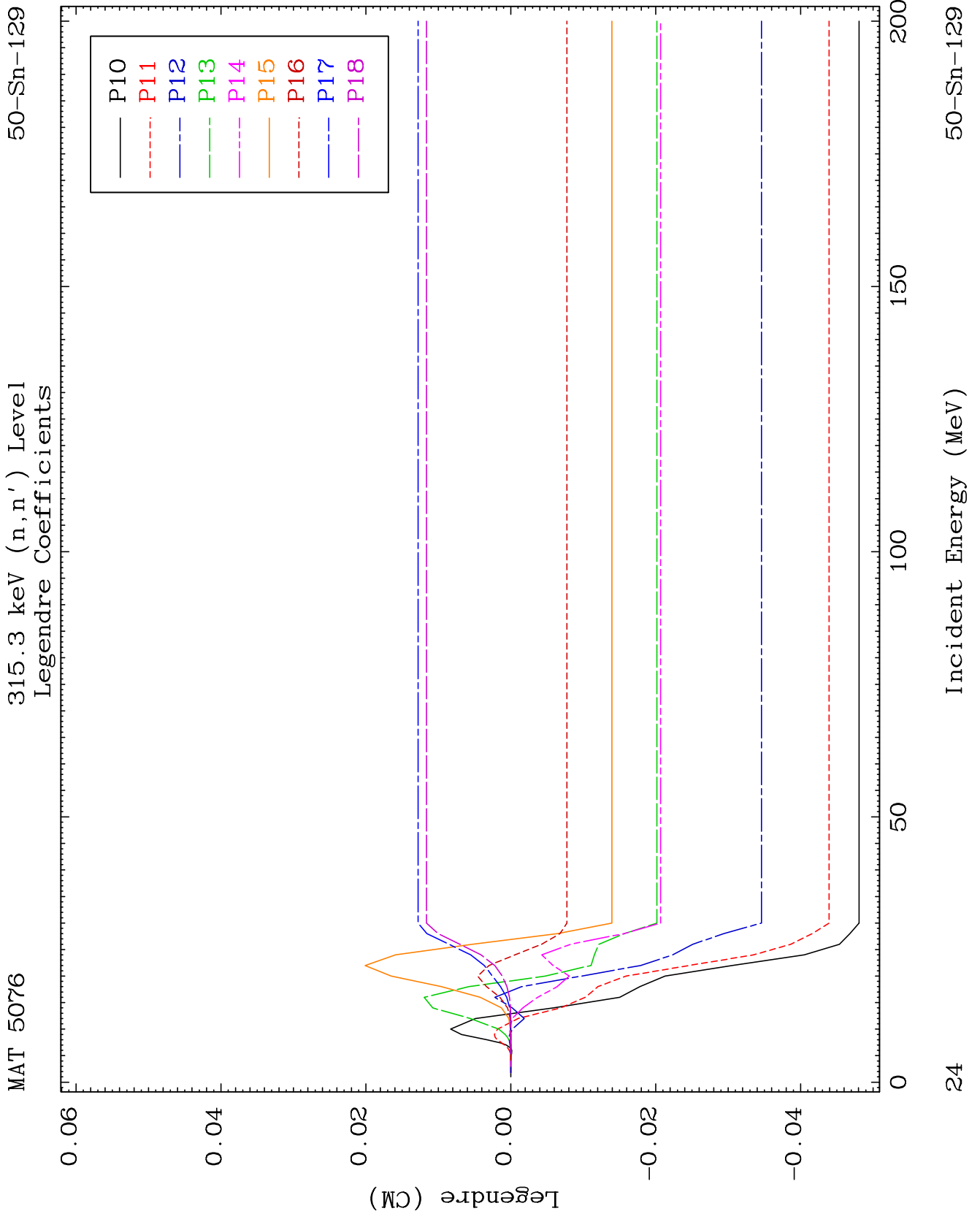
50-Sn-129

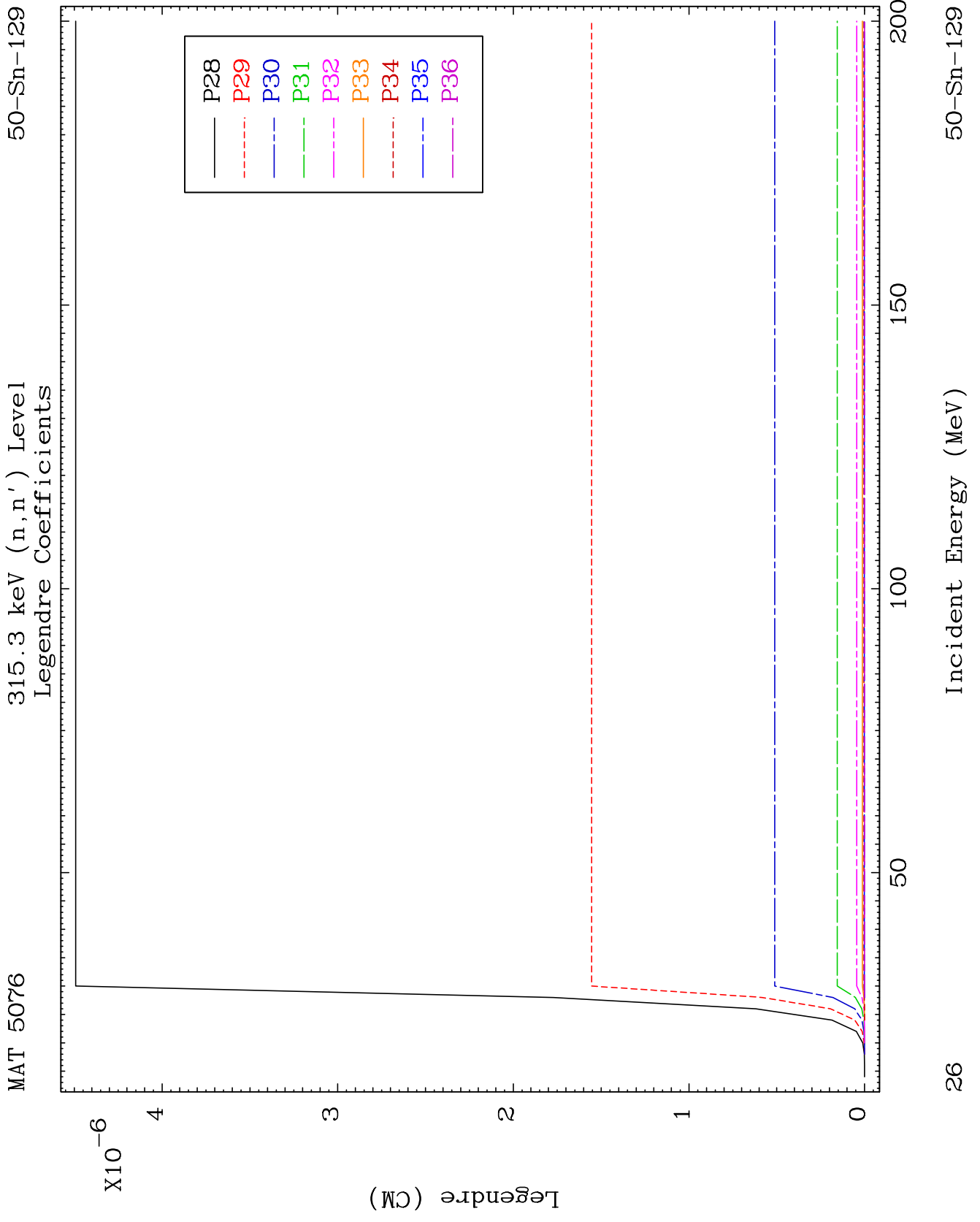


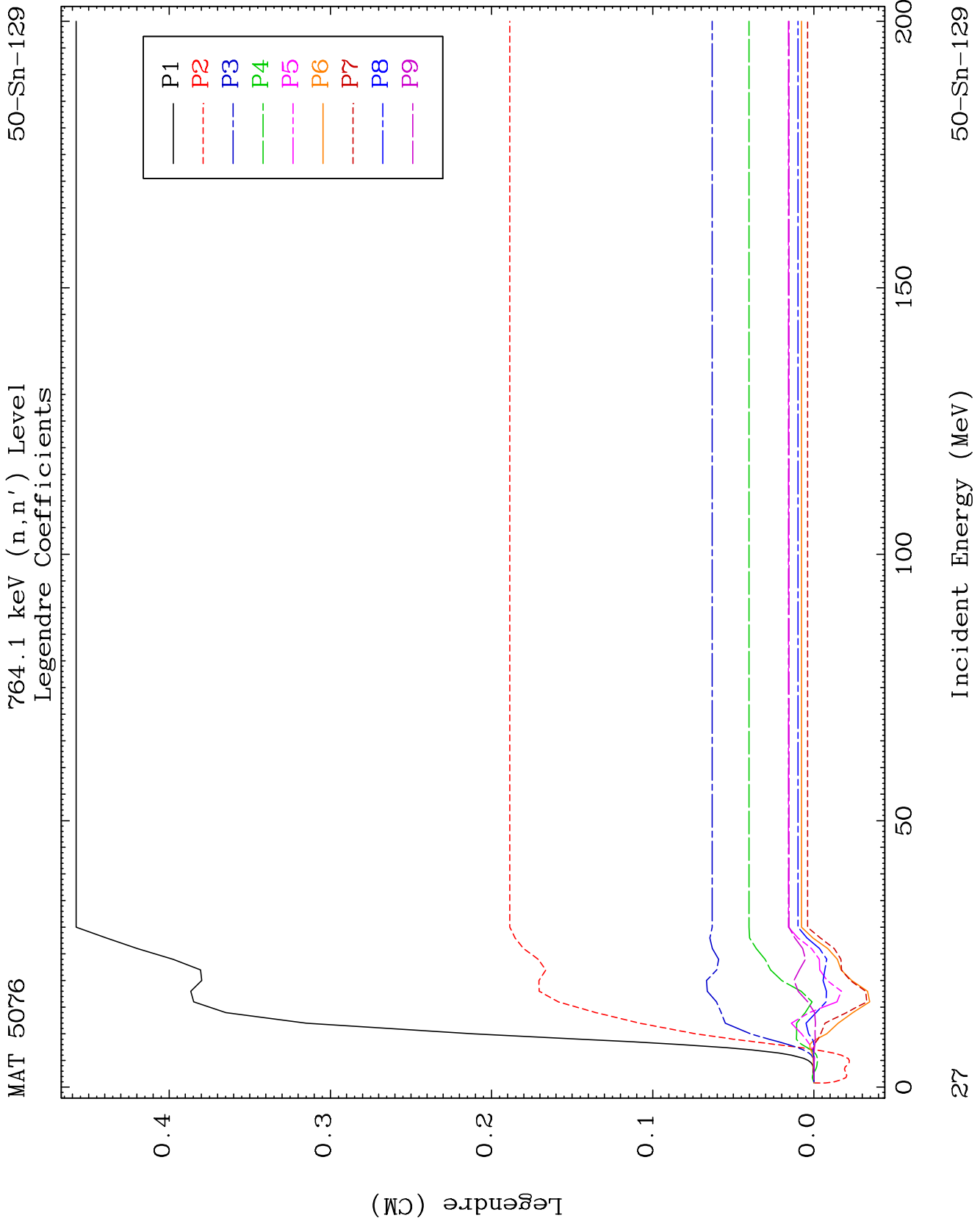








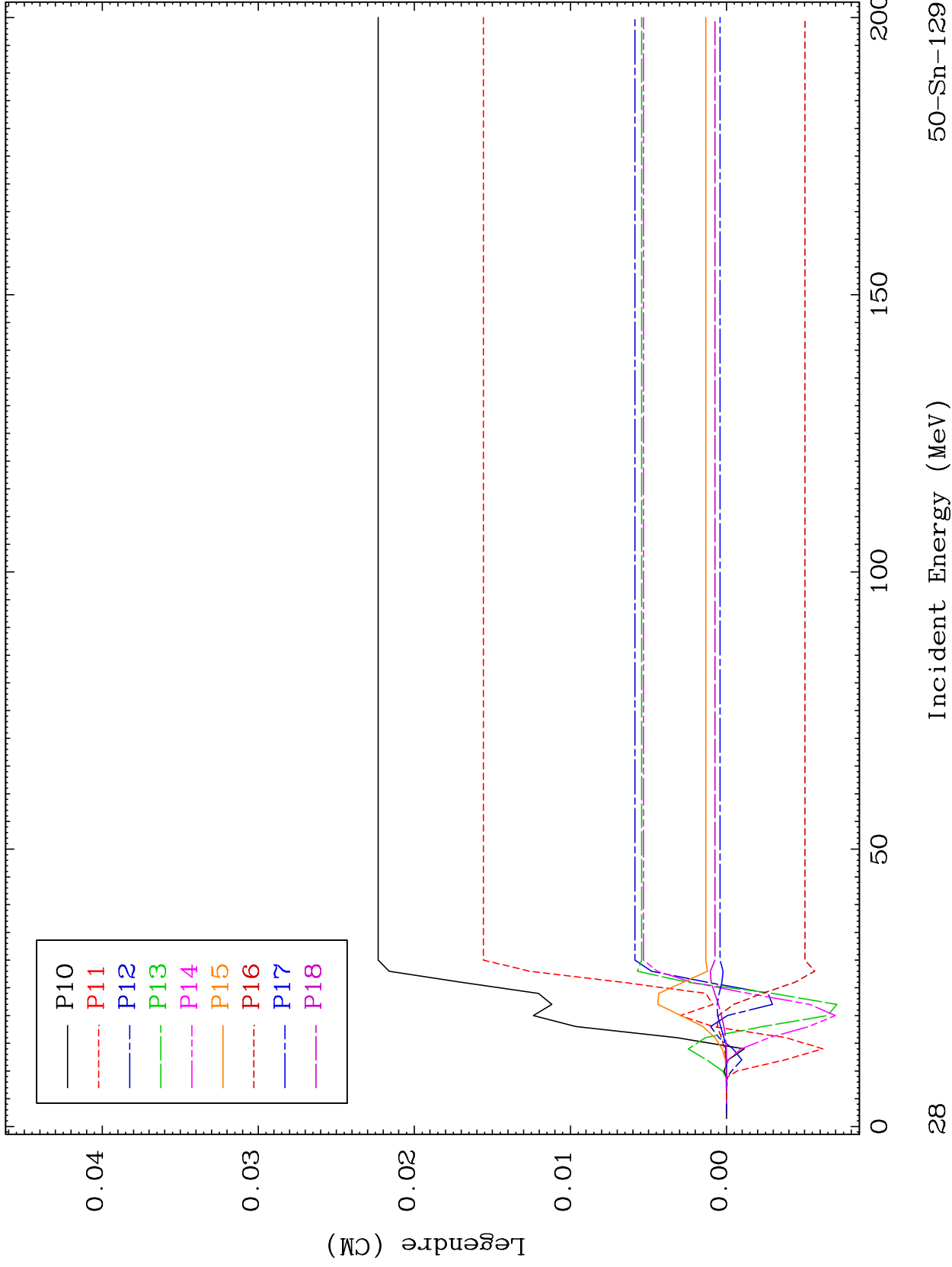




MAT 5076

764.1 keV (n,n') Level
Legendre Coefficients

50-Sn-129



50-Sn-129

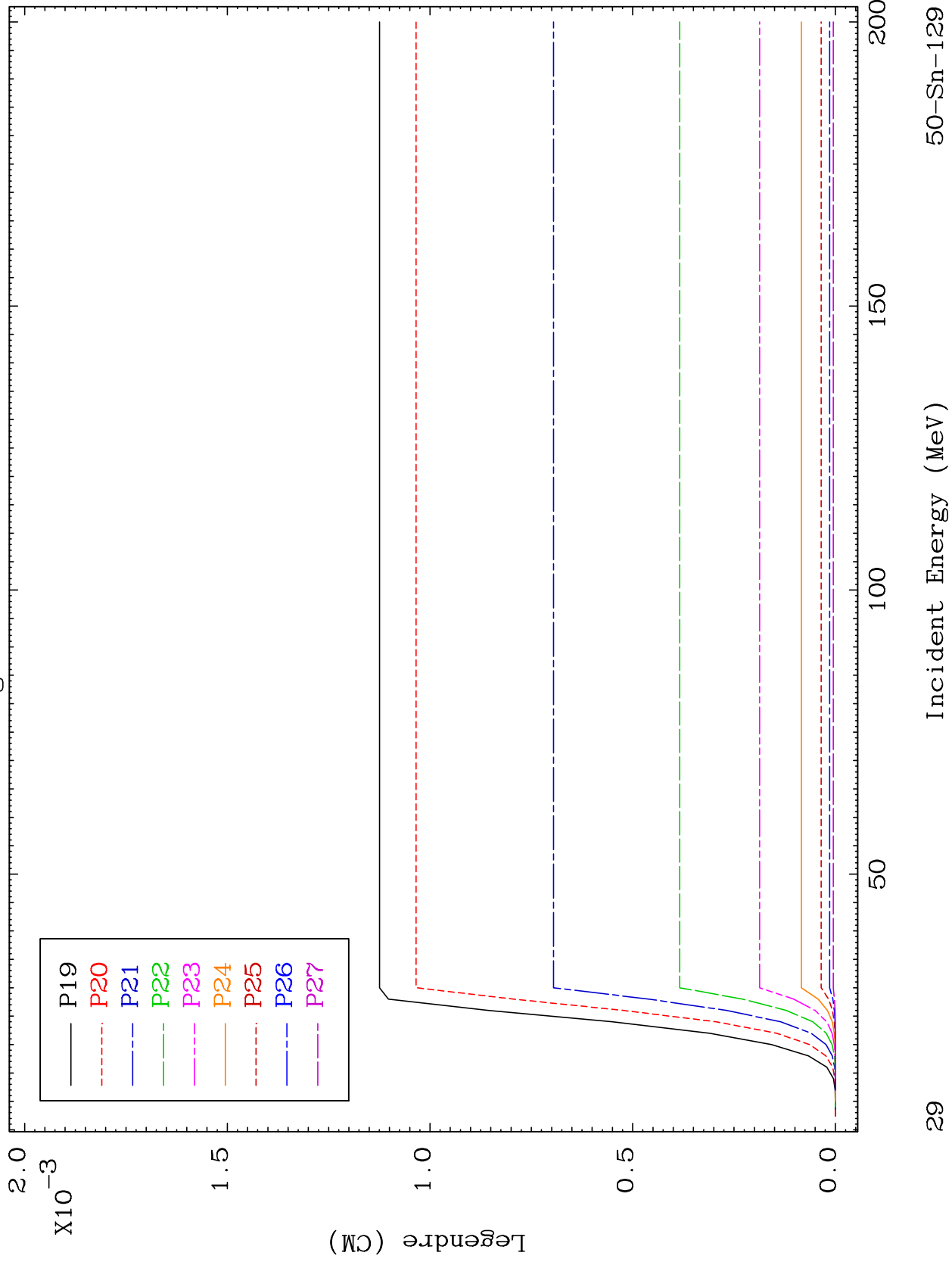
Incident Energy (MeV)

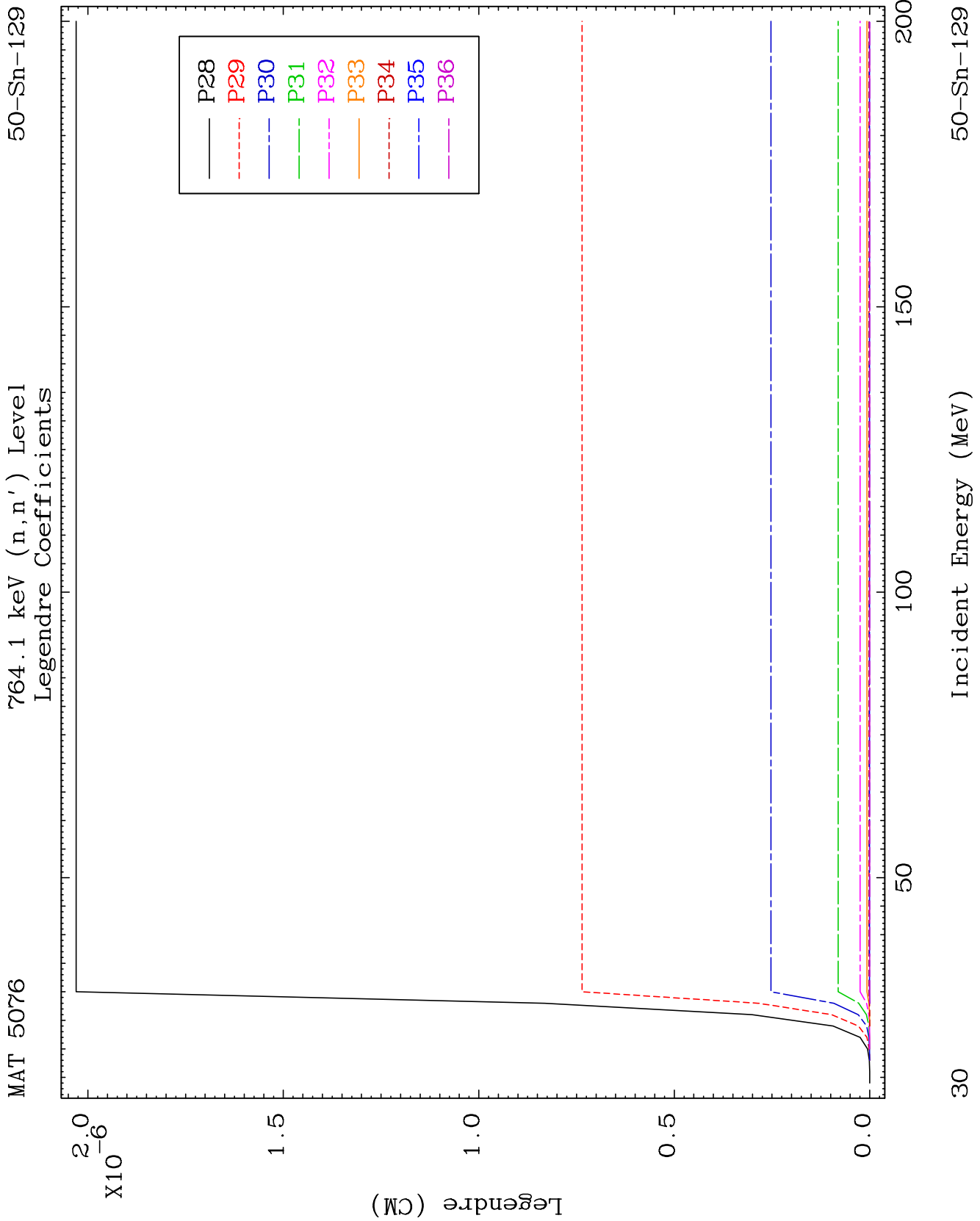
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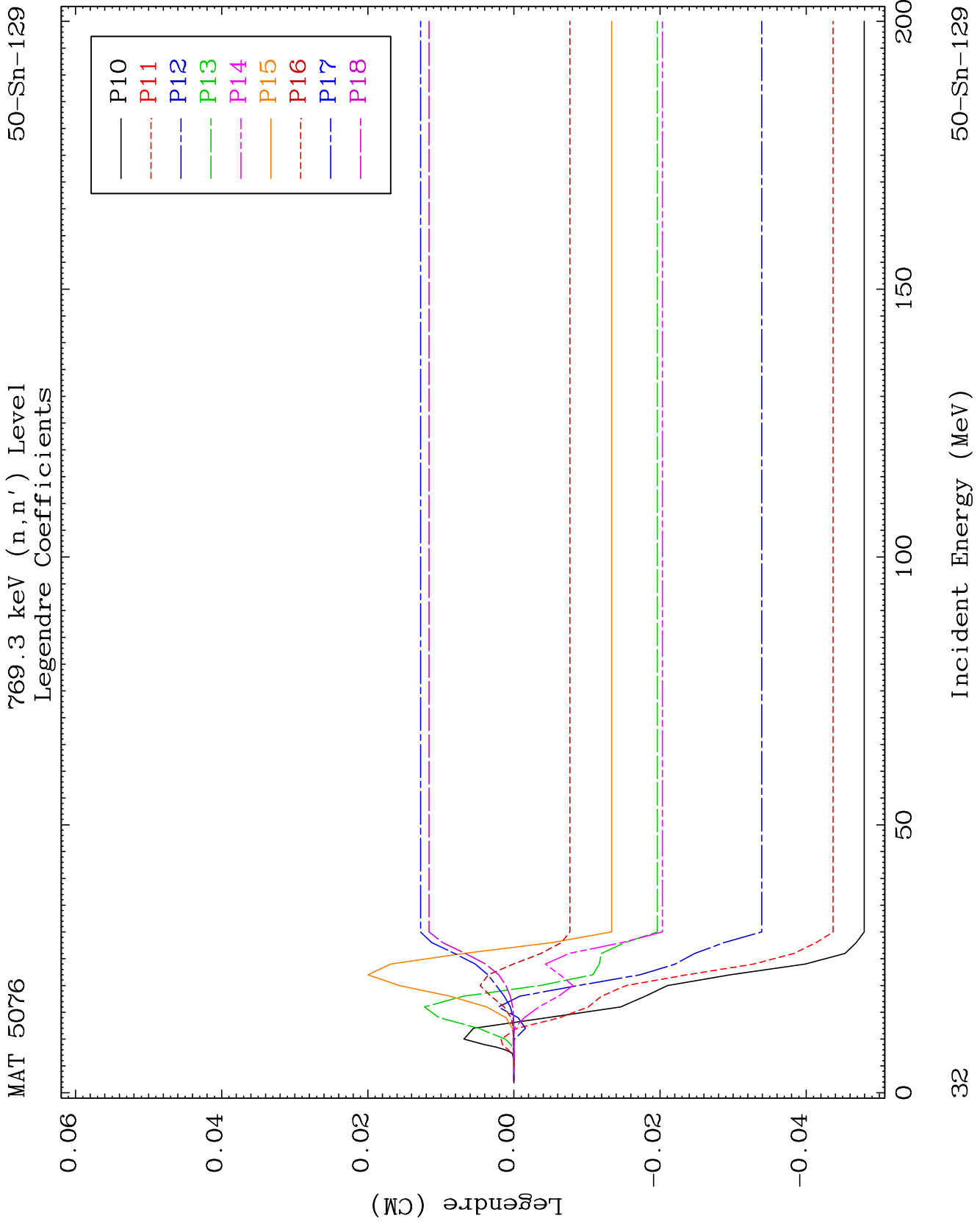
MAT 5076

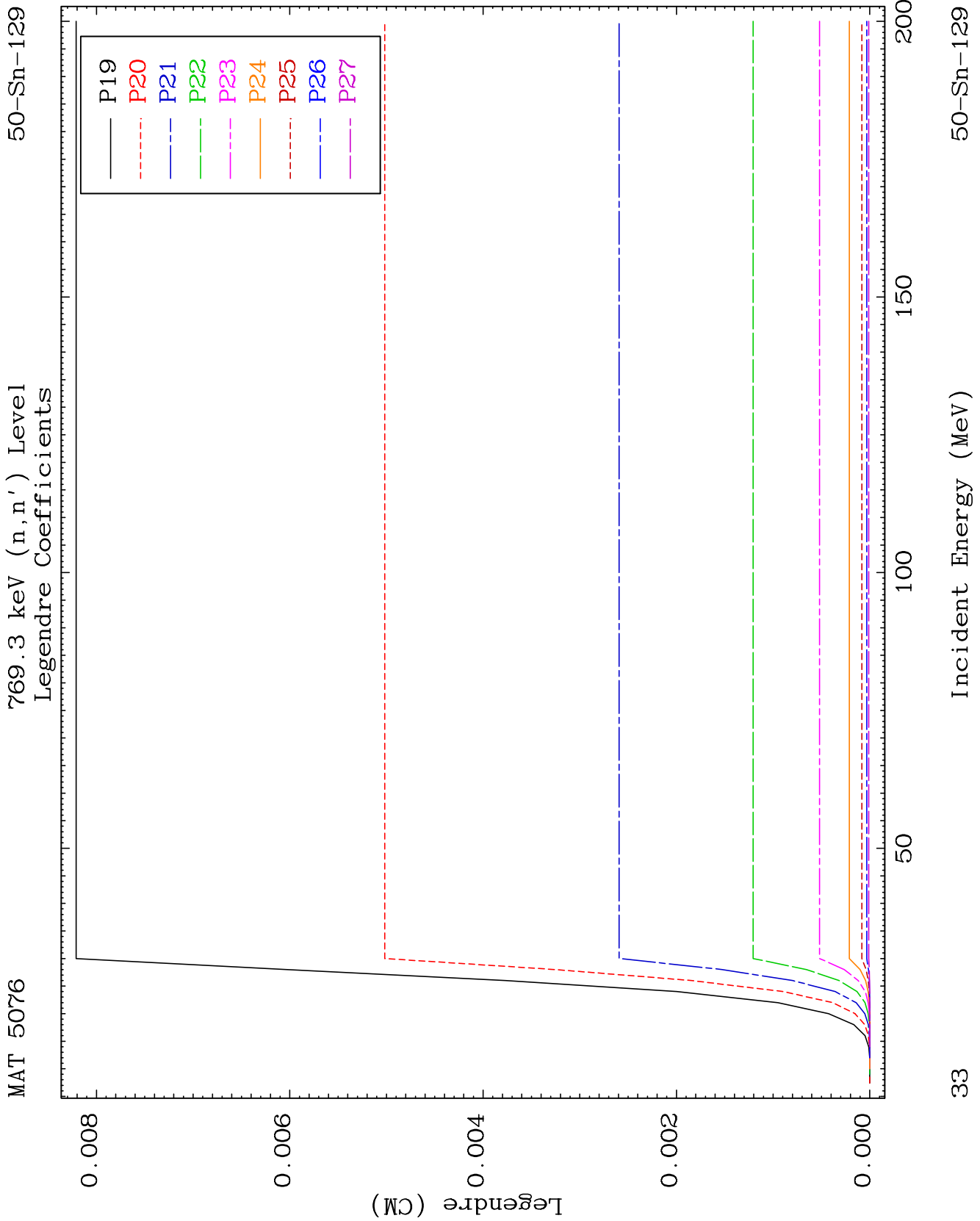
764.1 keV (n,n') Level
Legendre Coefficients

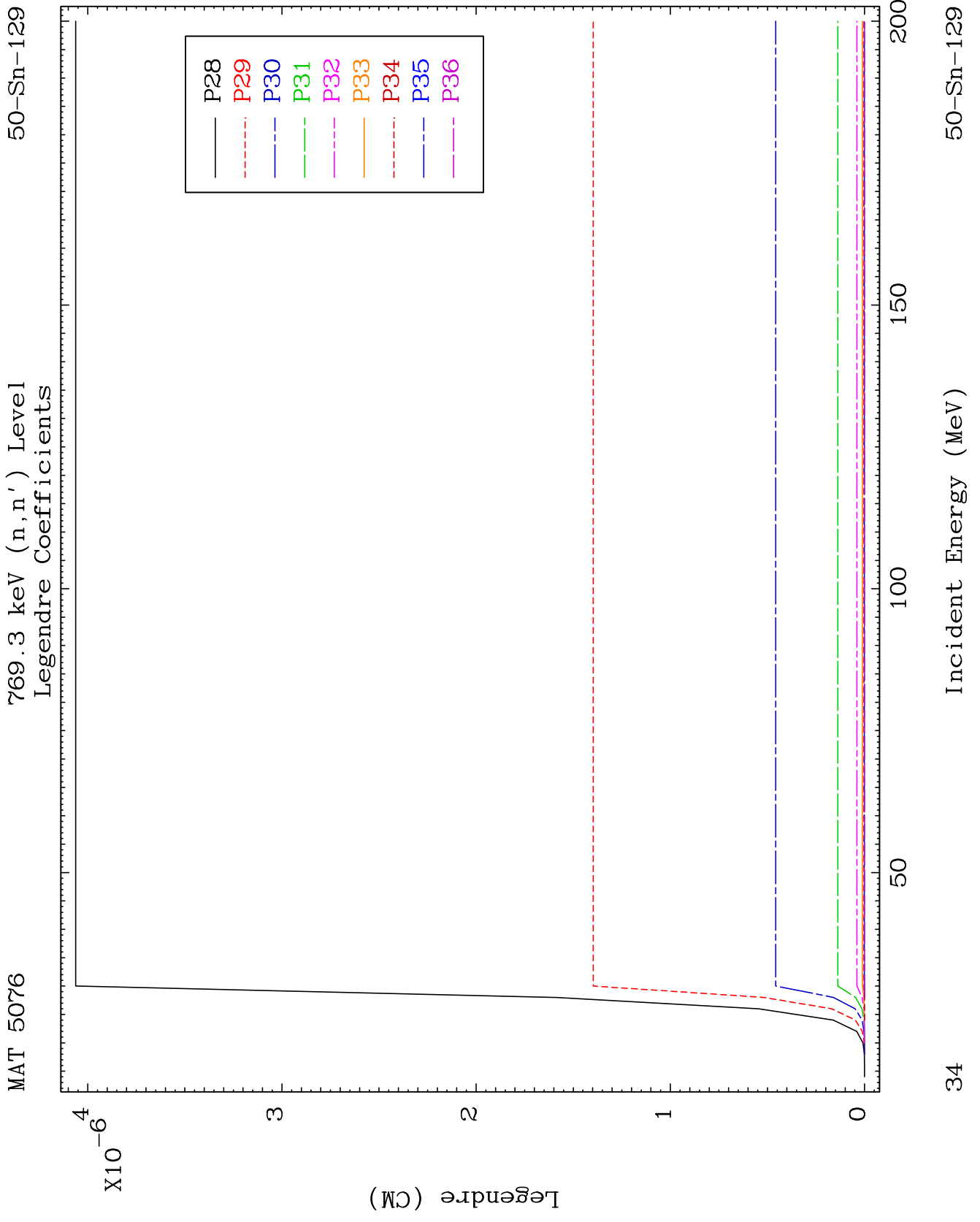
50-Sn-129

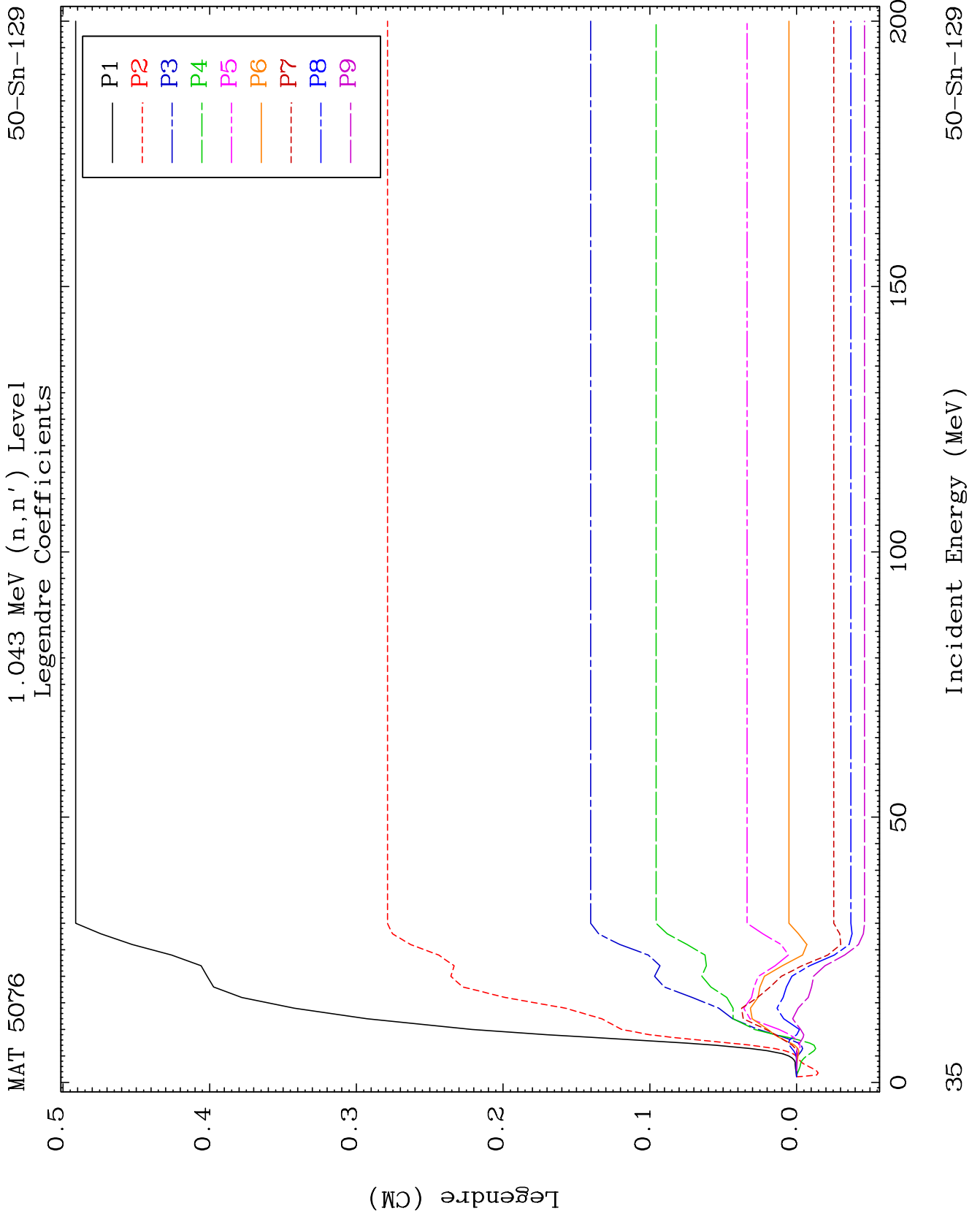


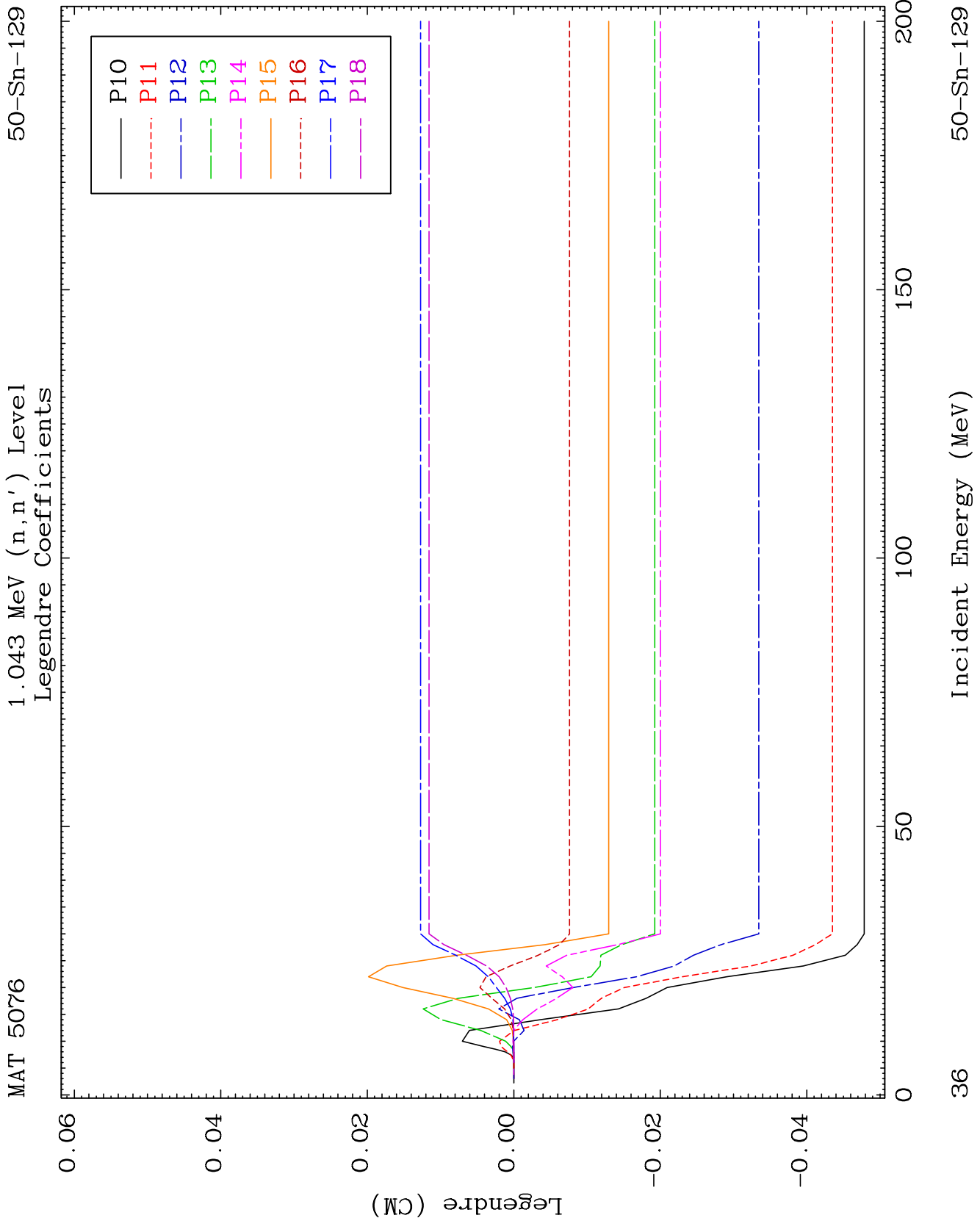


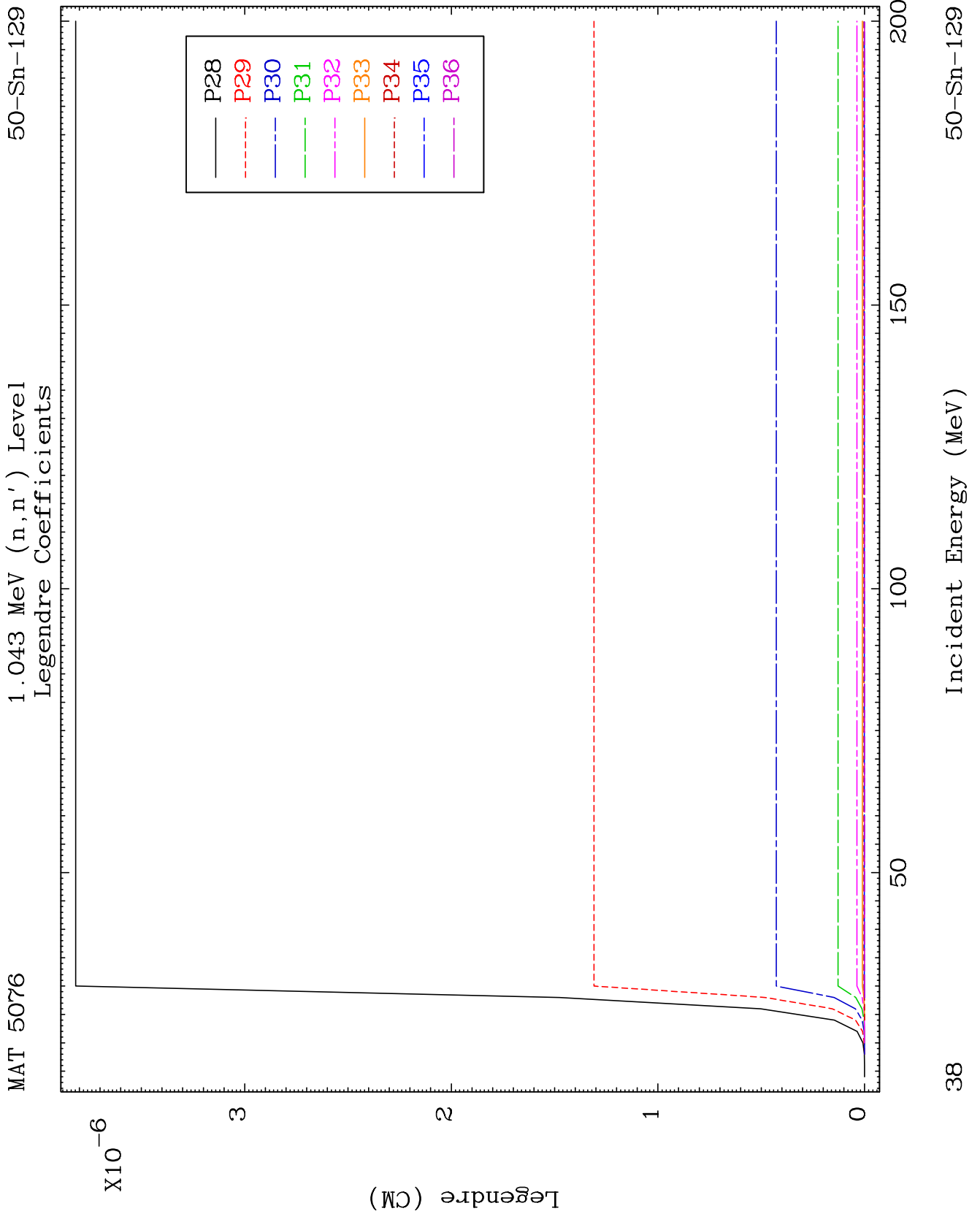


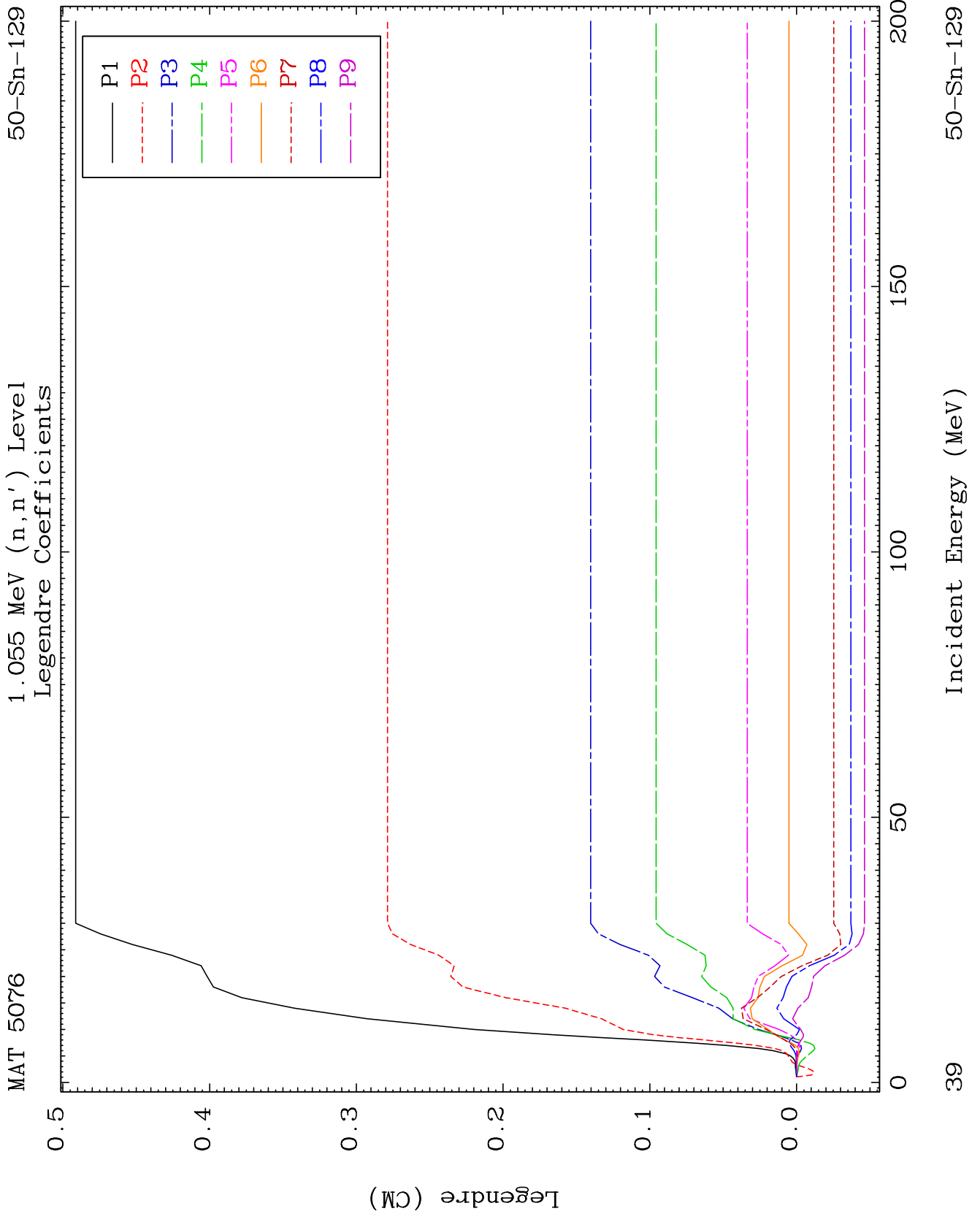


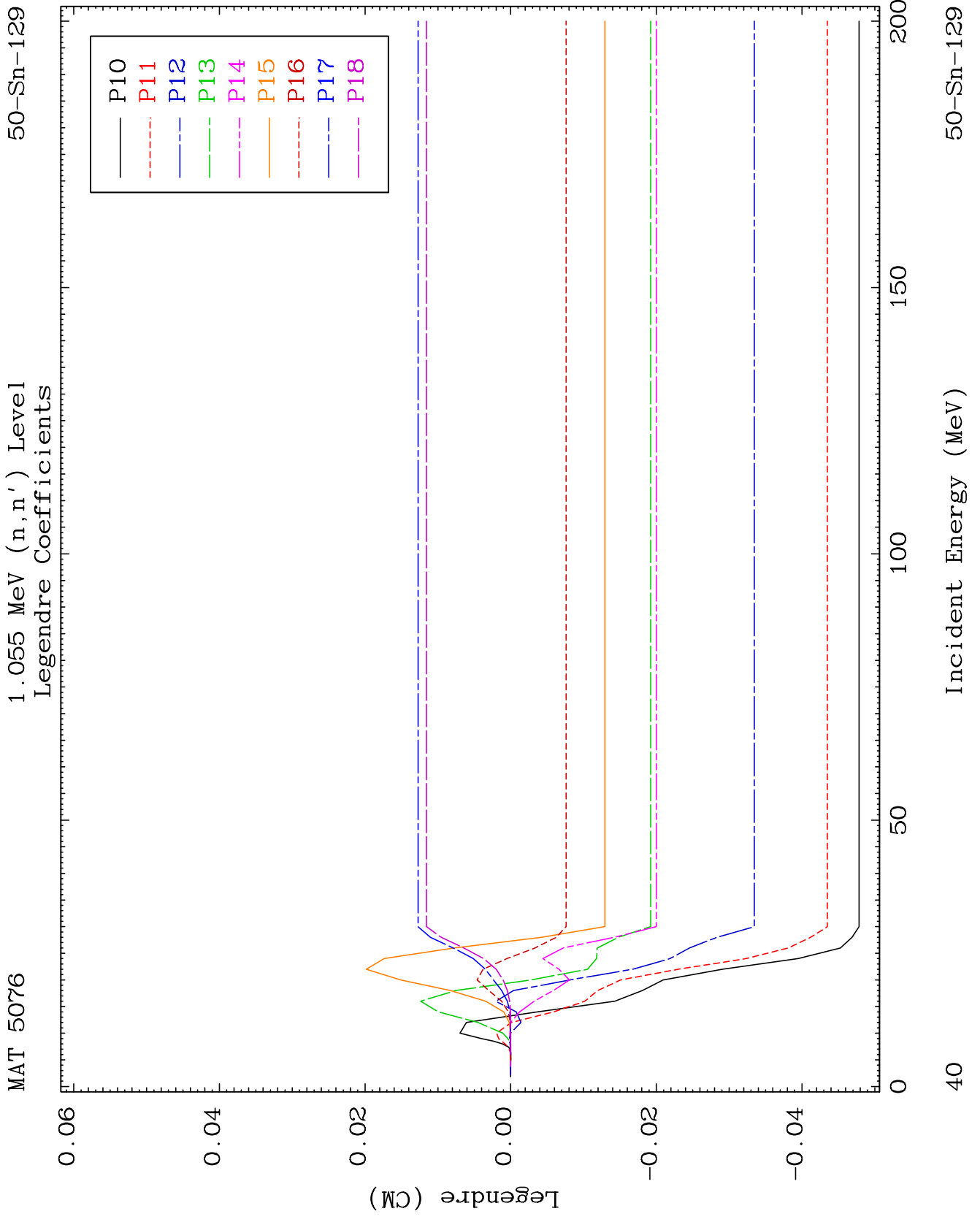


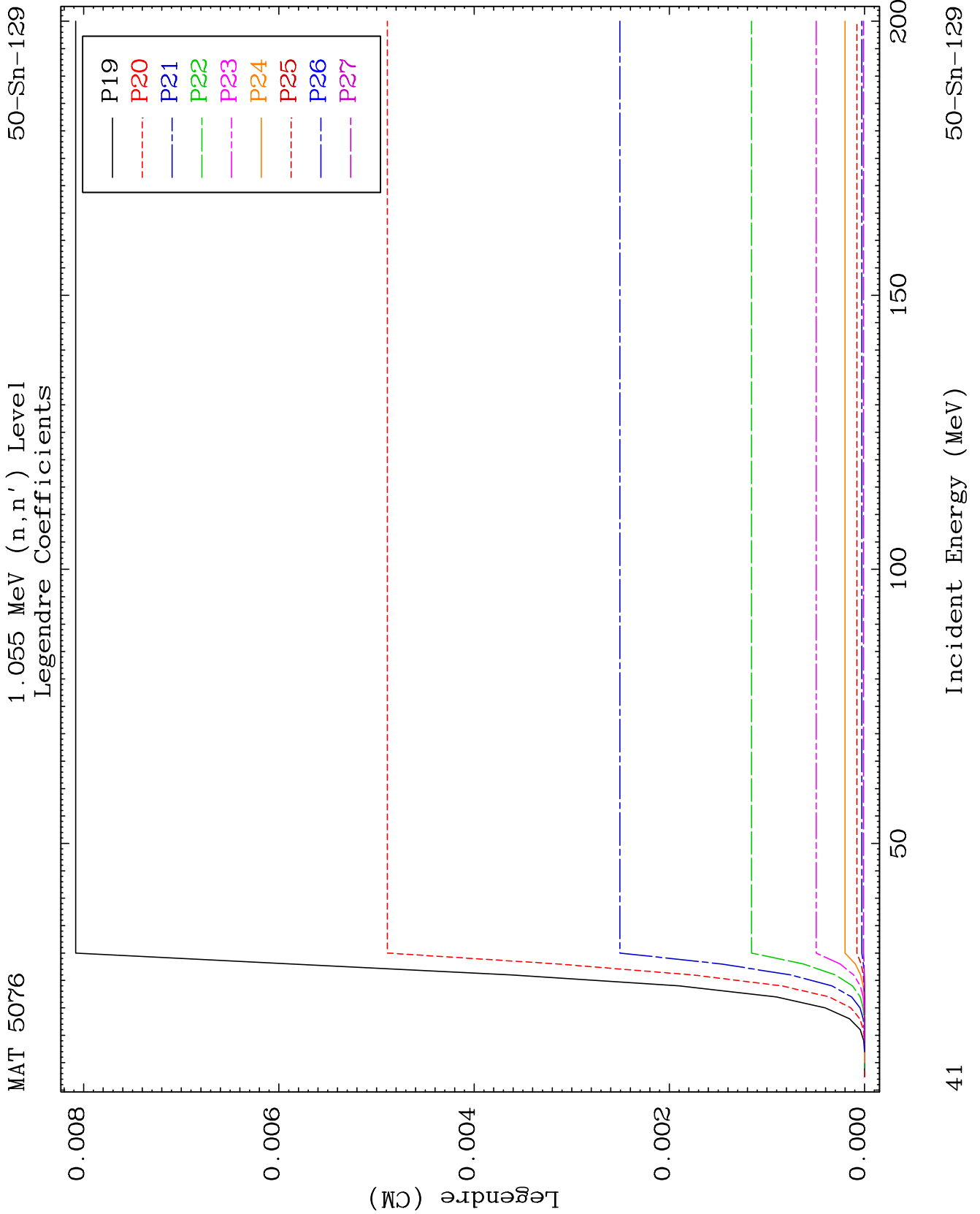


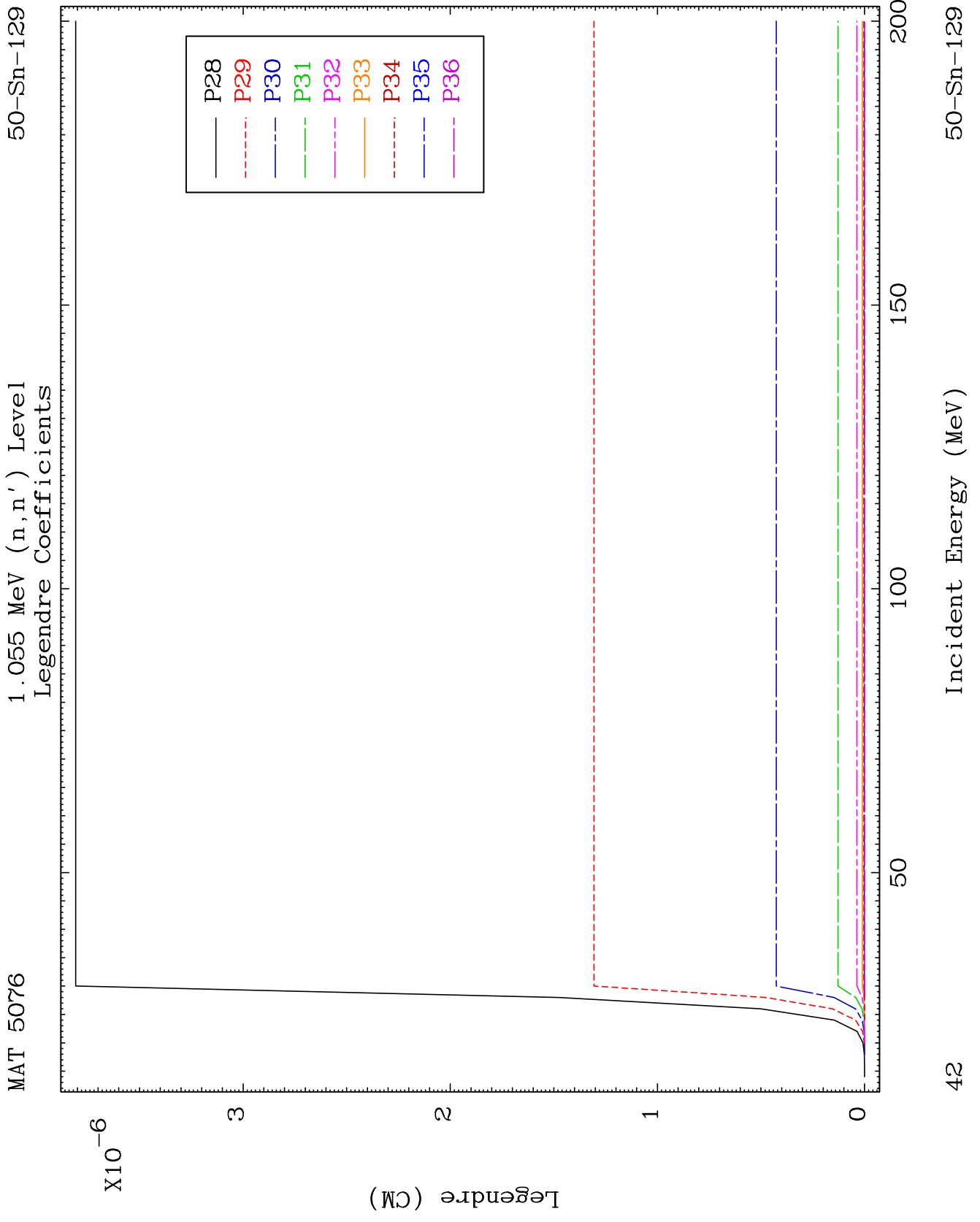


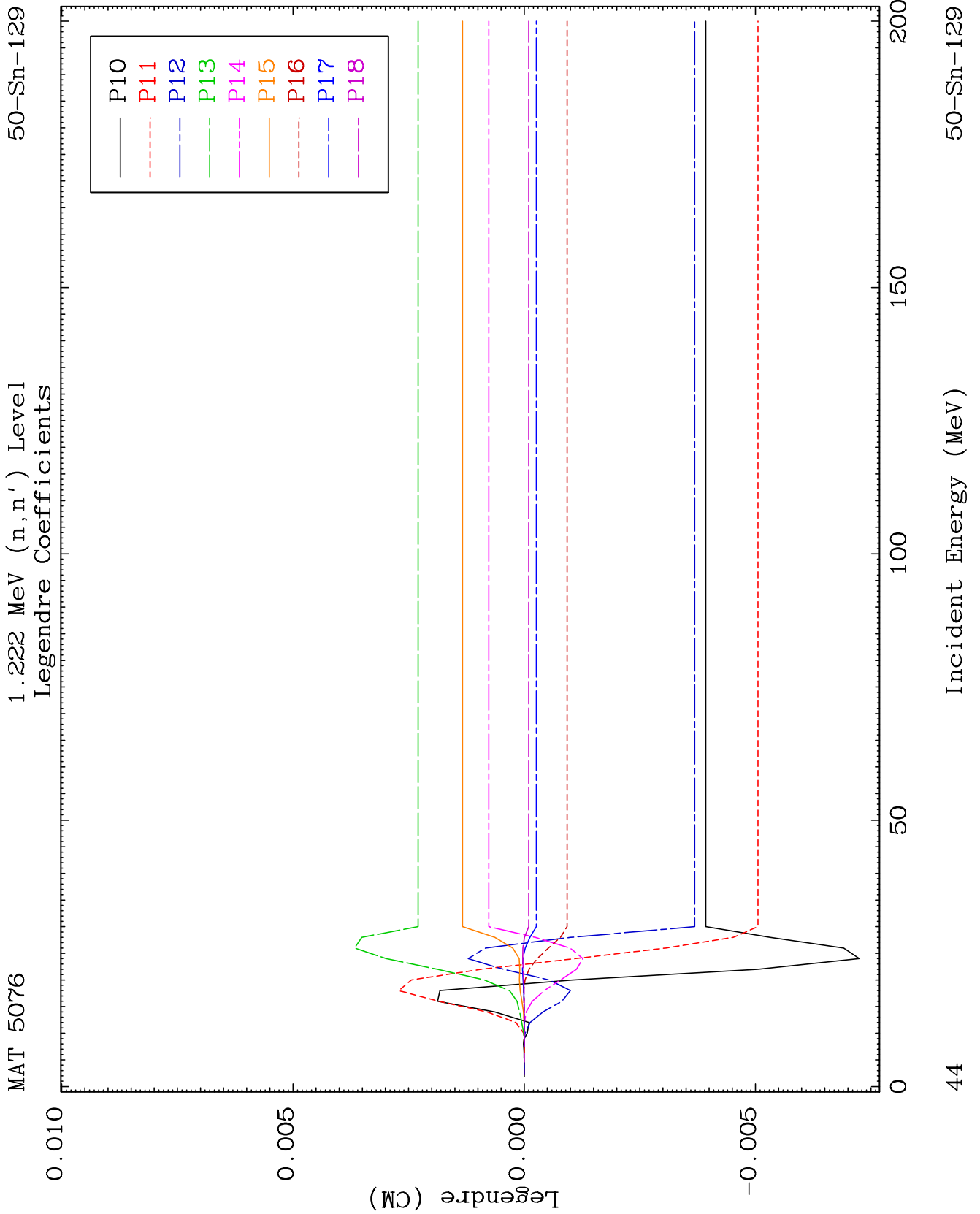


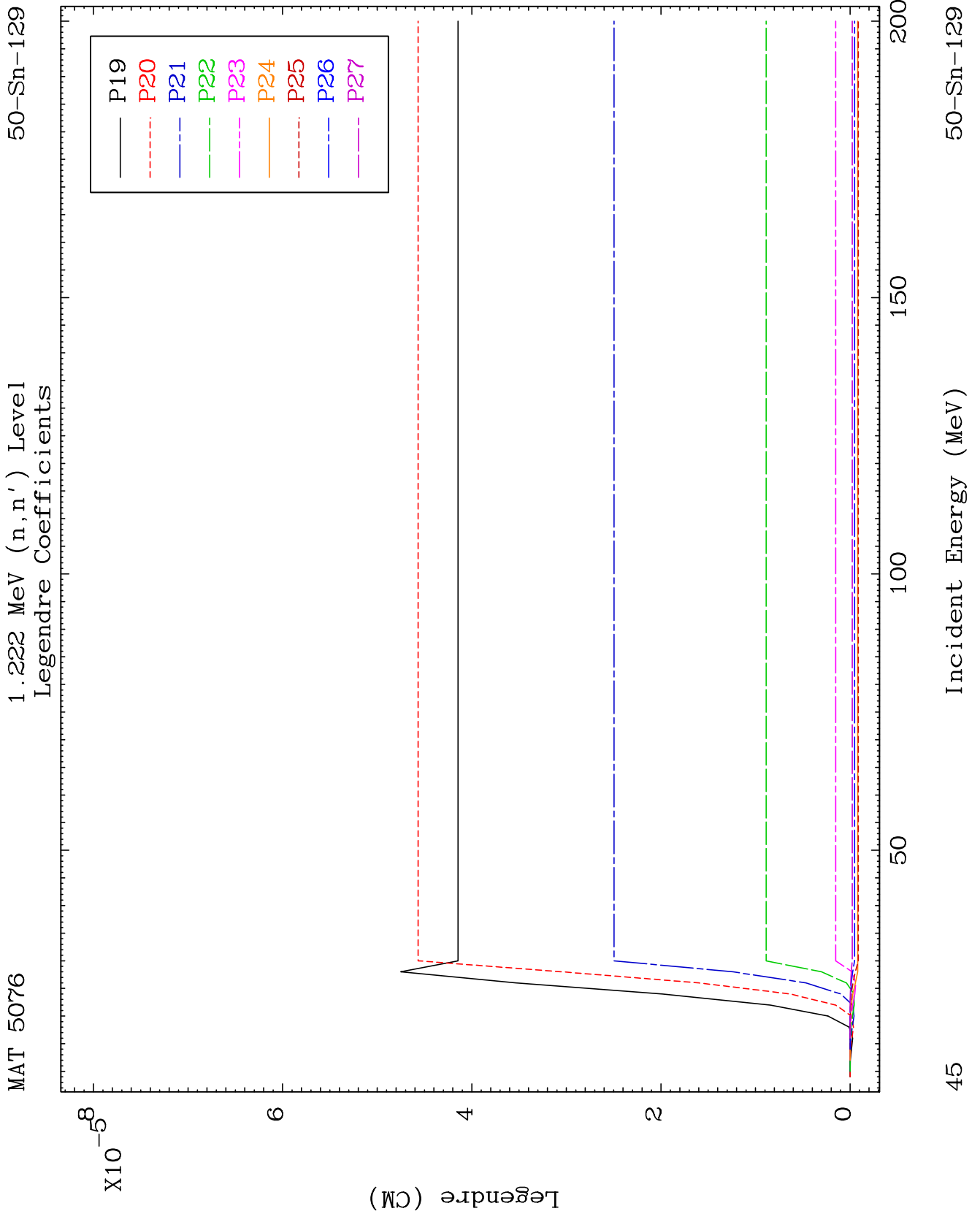


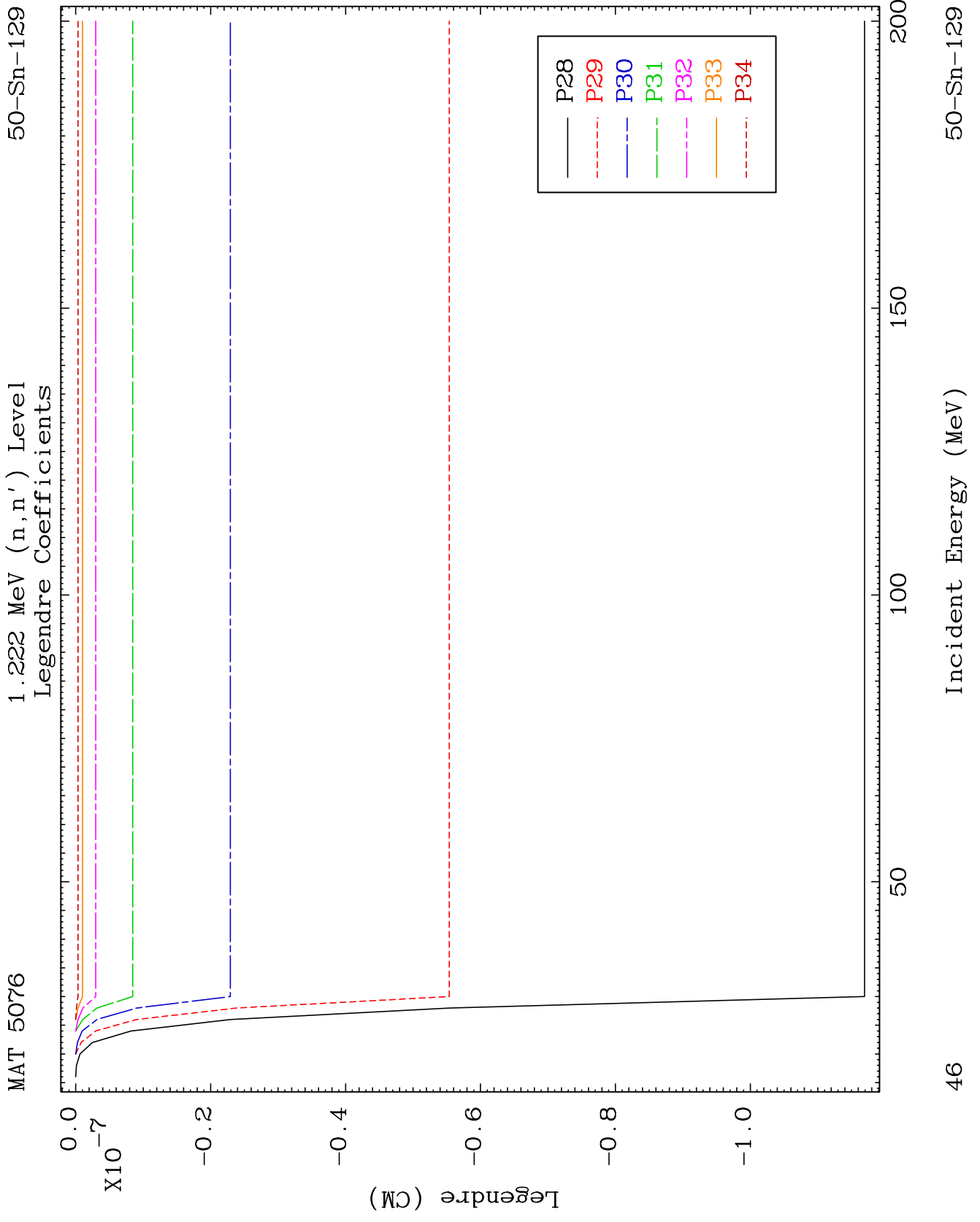


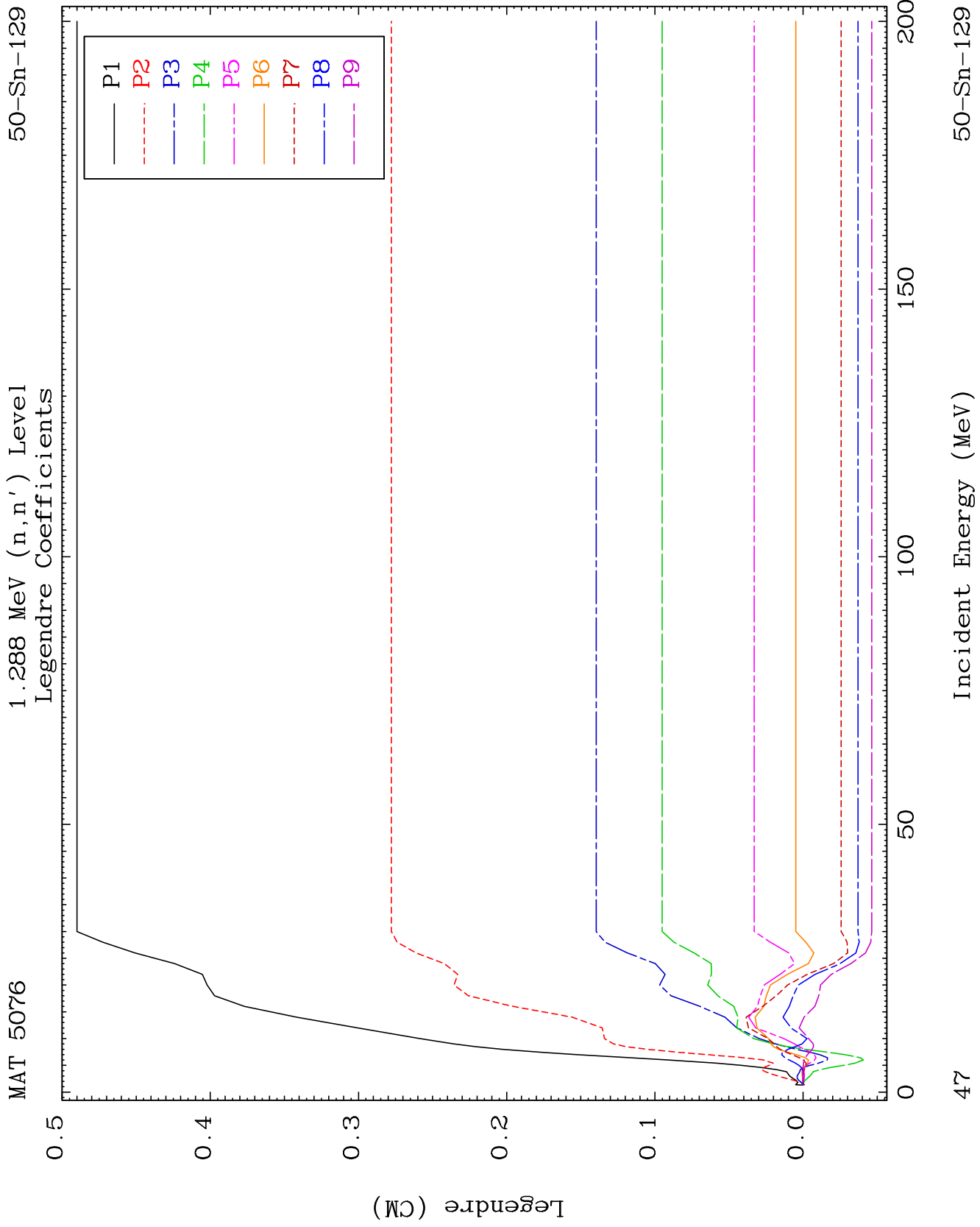


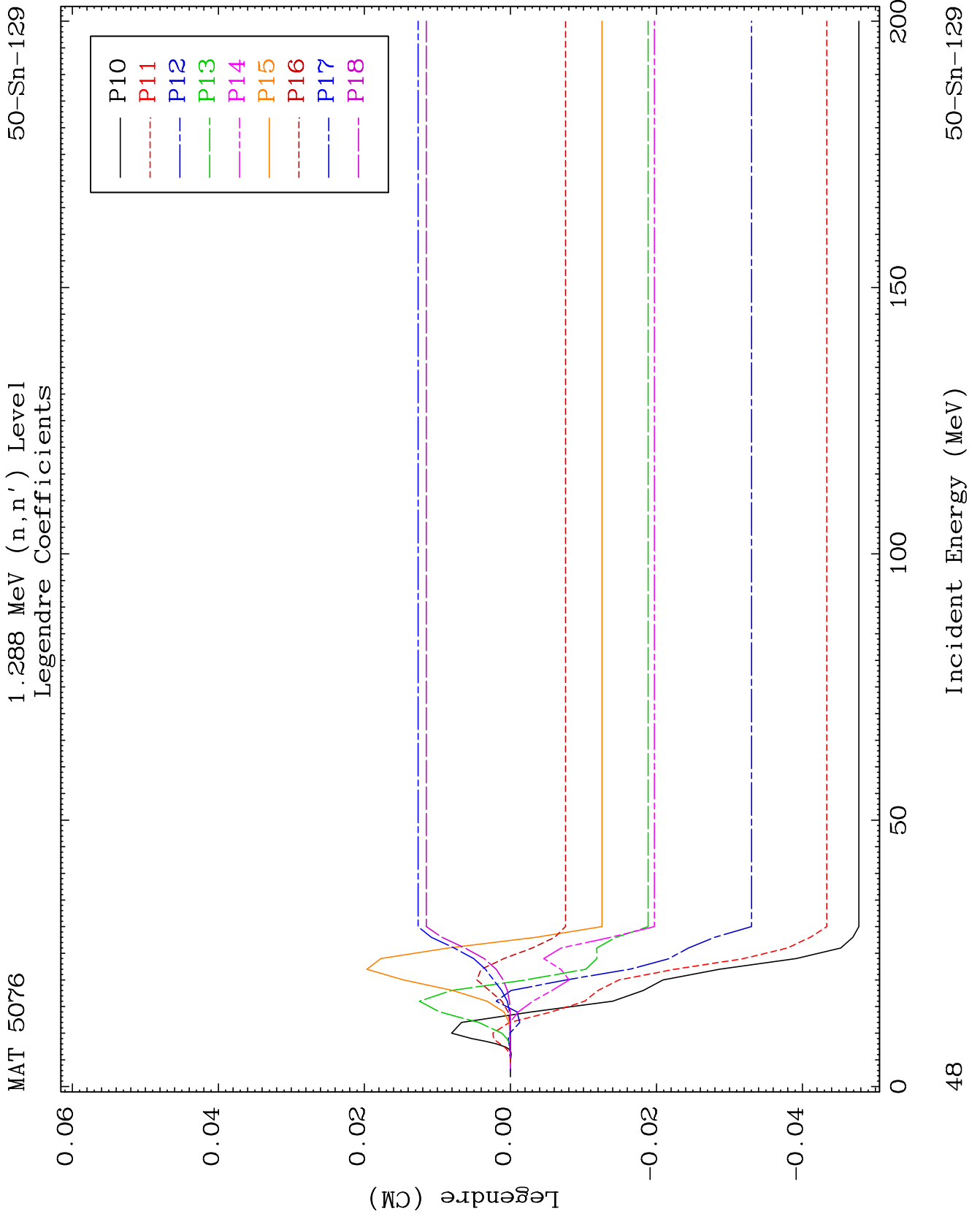


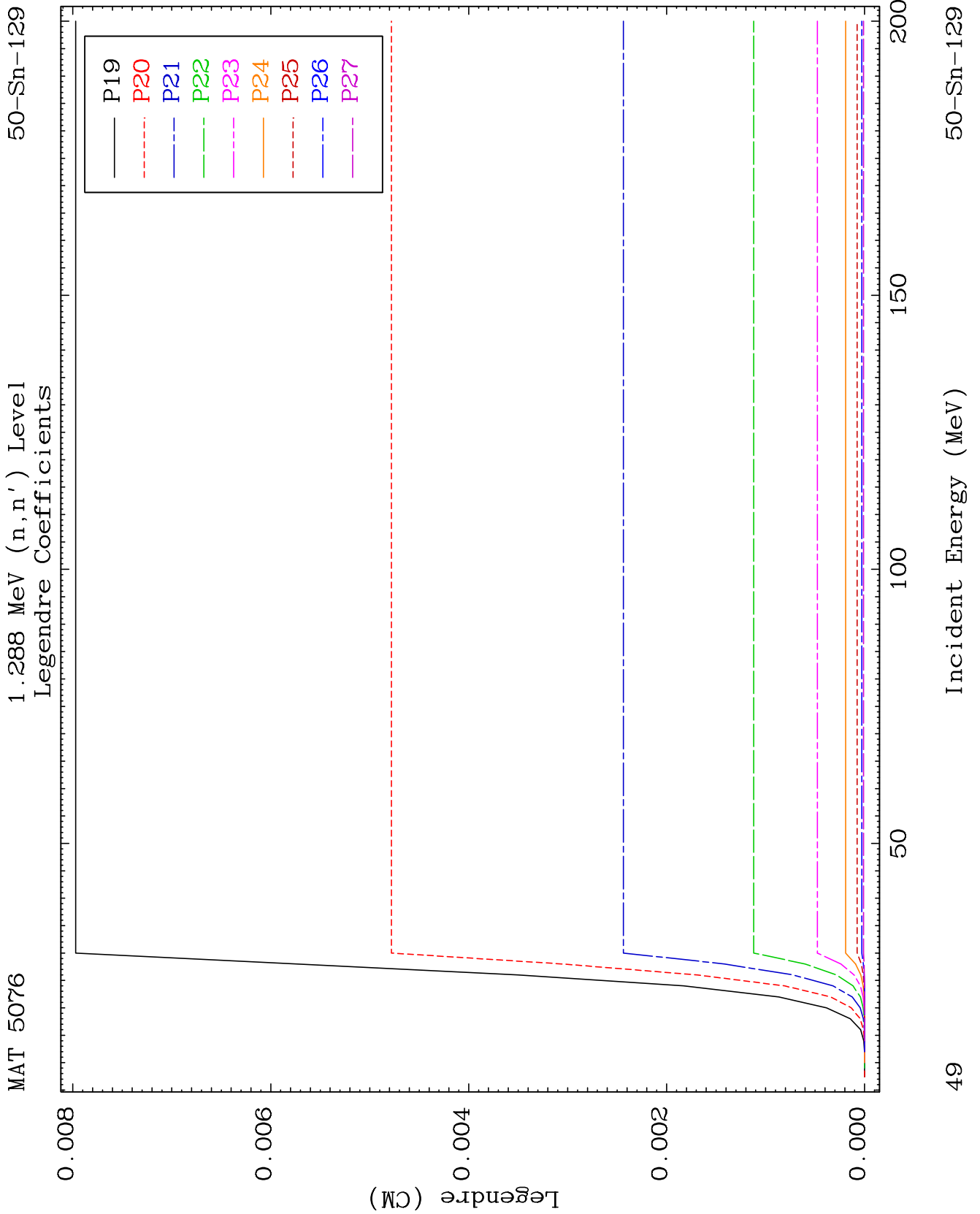


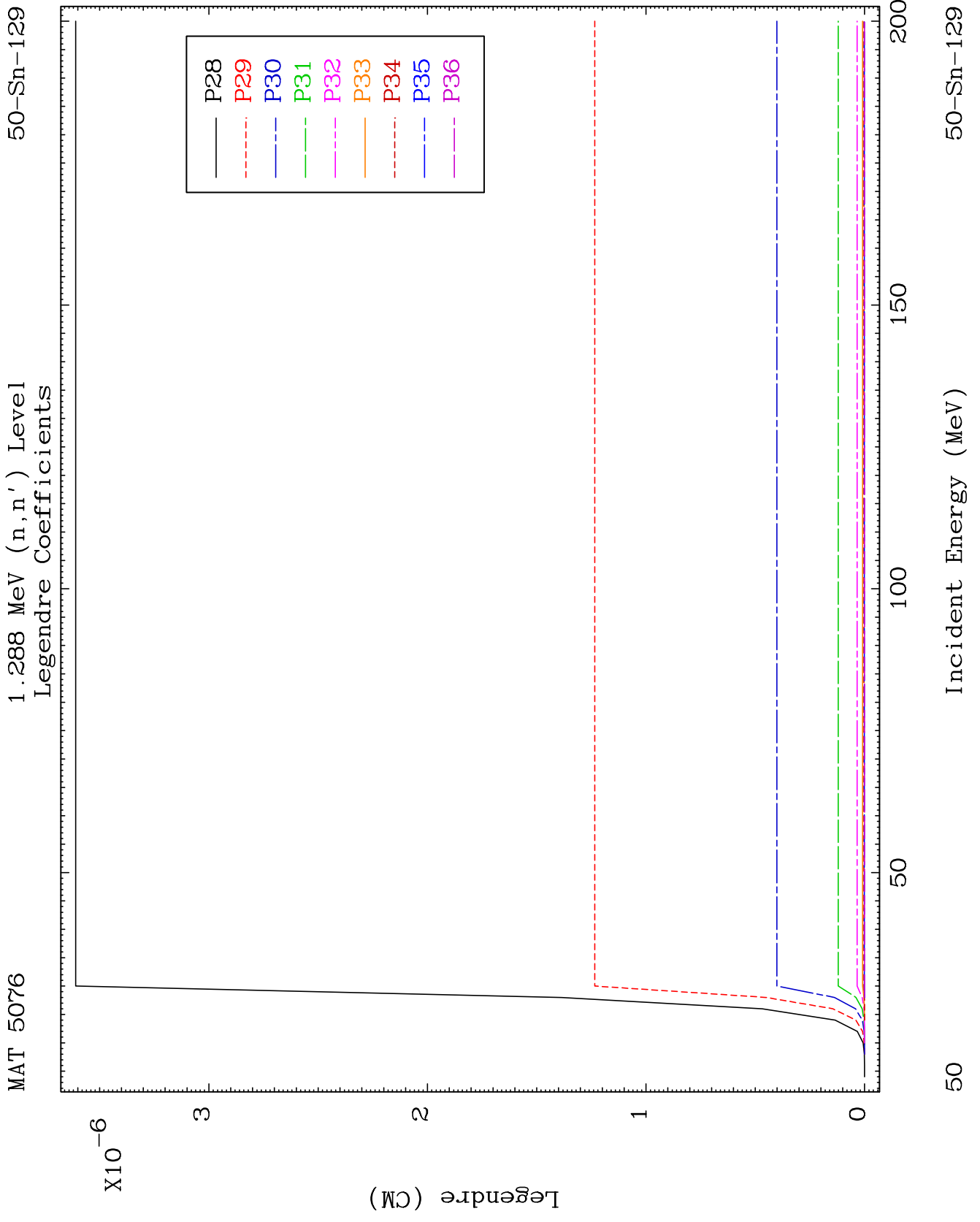


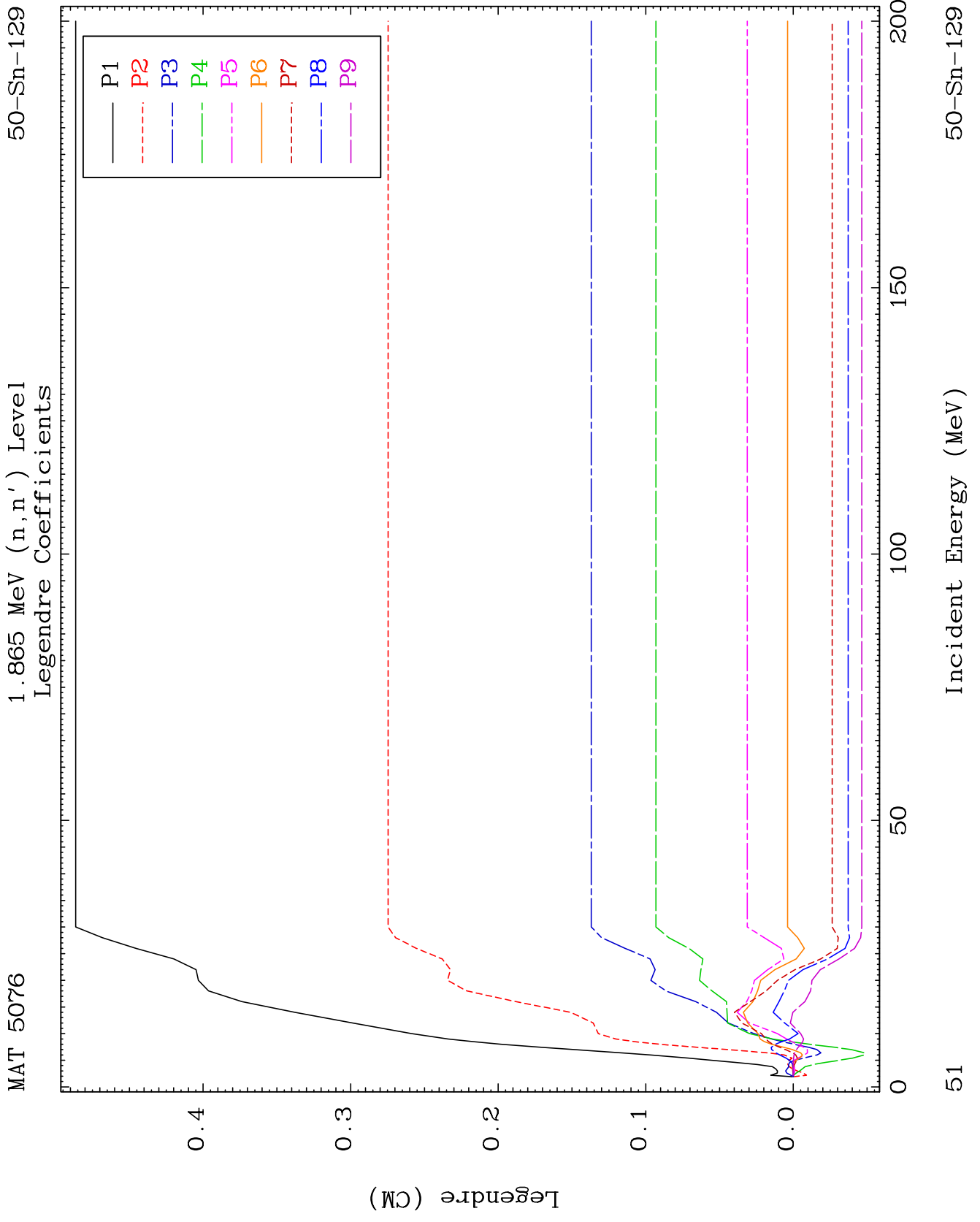


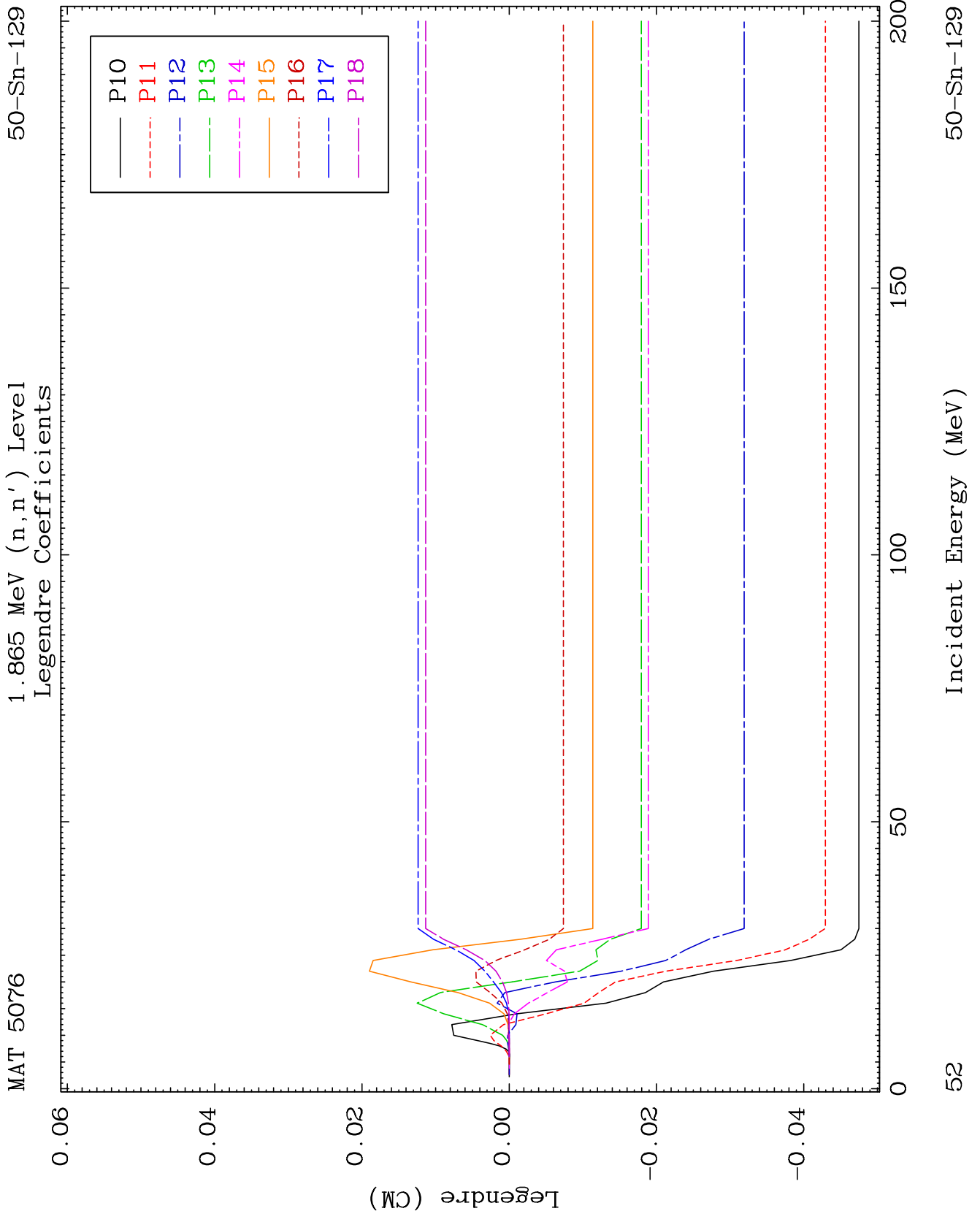


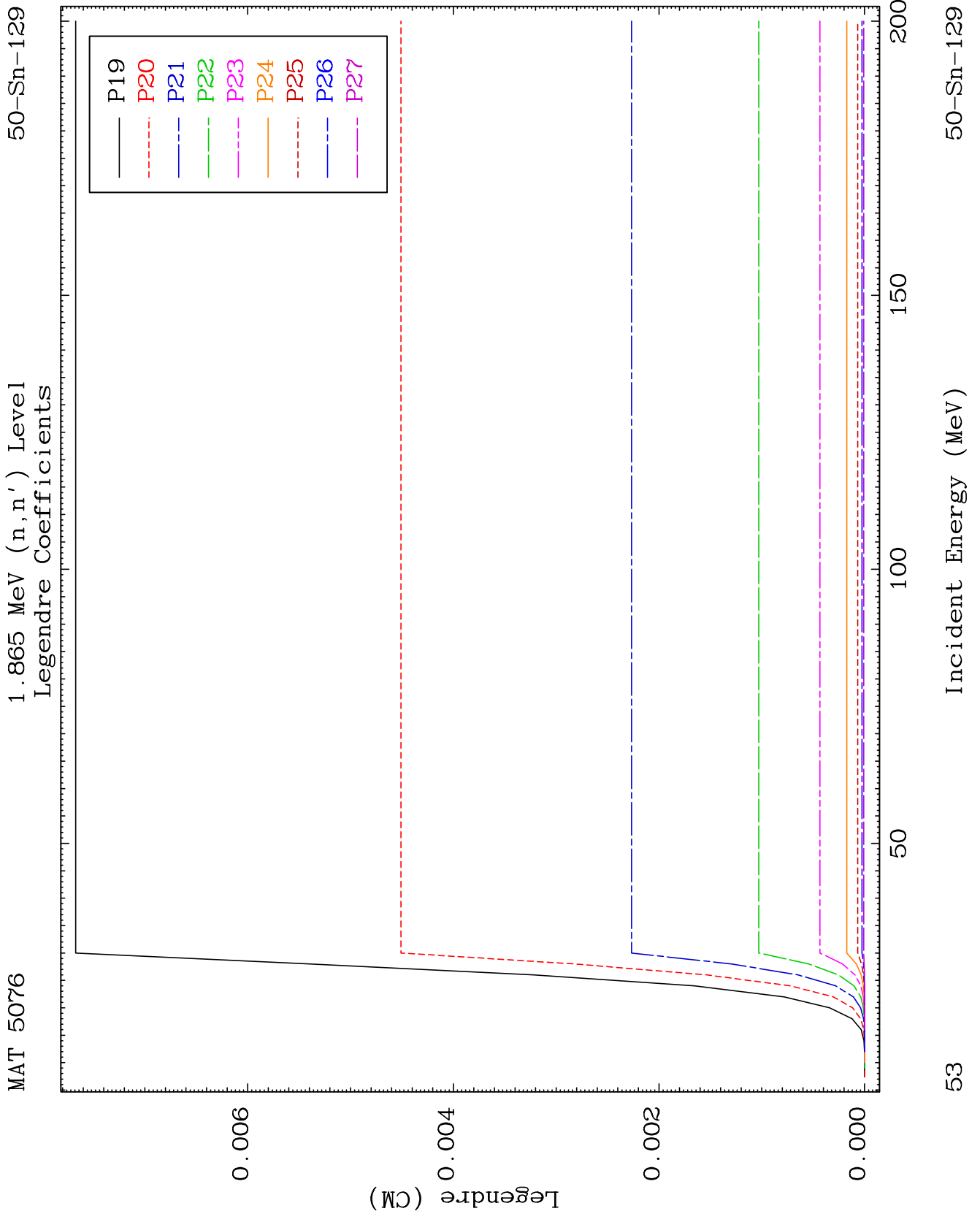


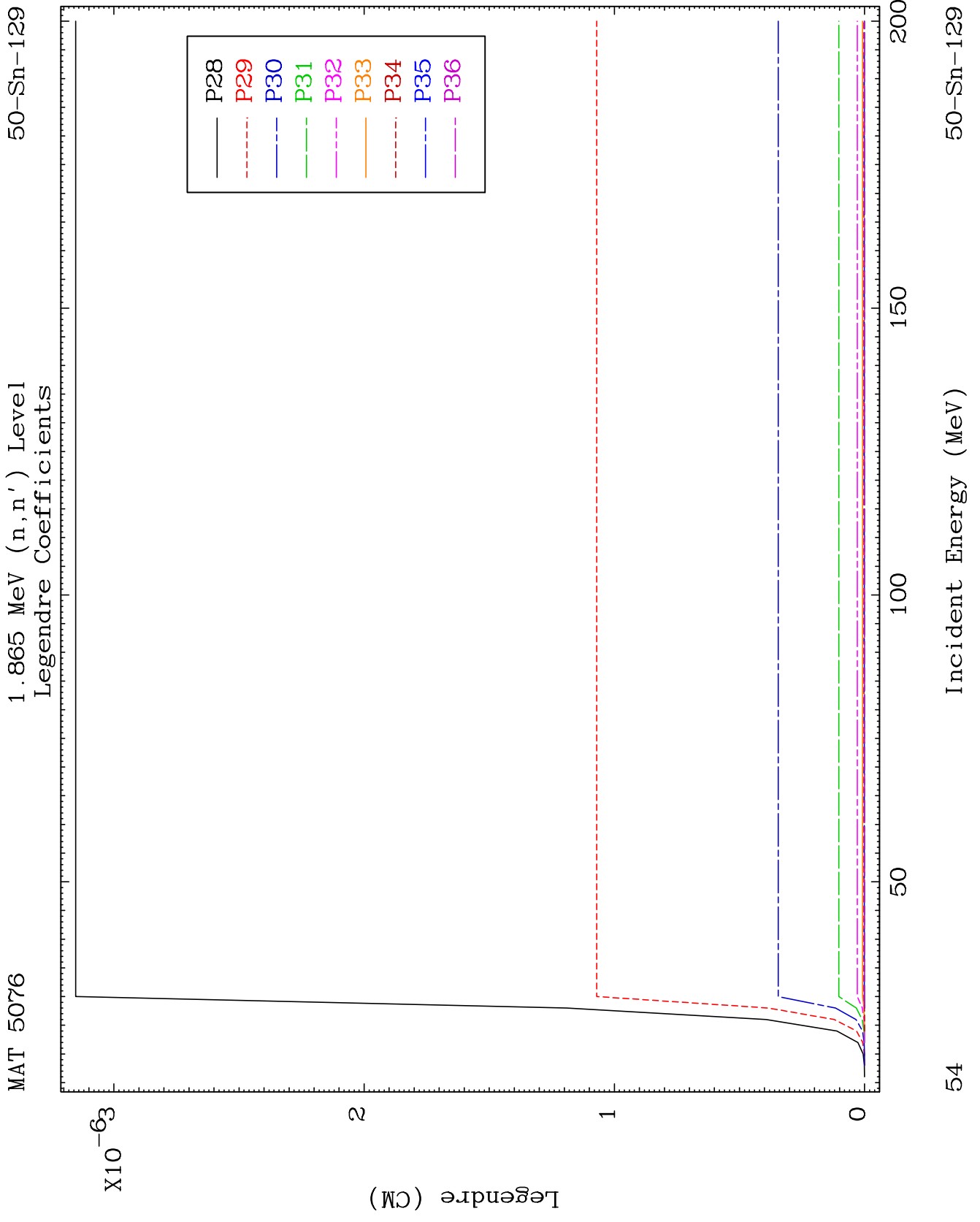








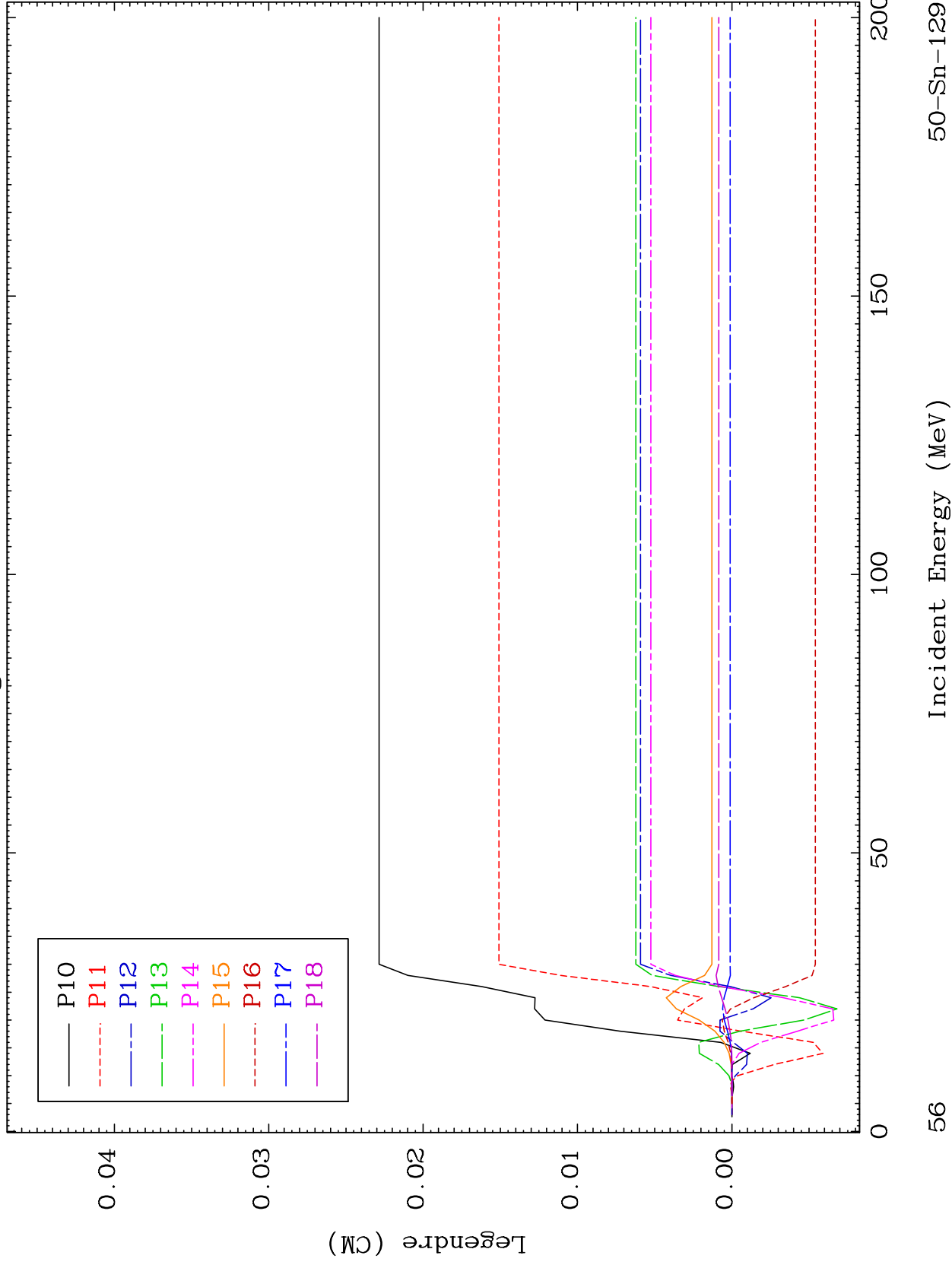




MAT 5076

2.118 MeV (n, n') Level
Legendre Coefficients

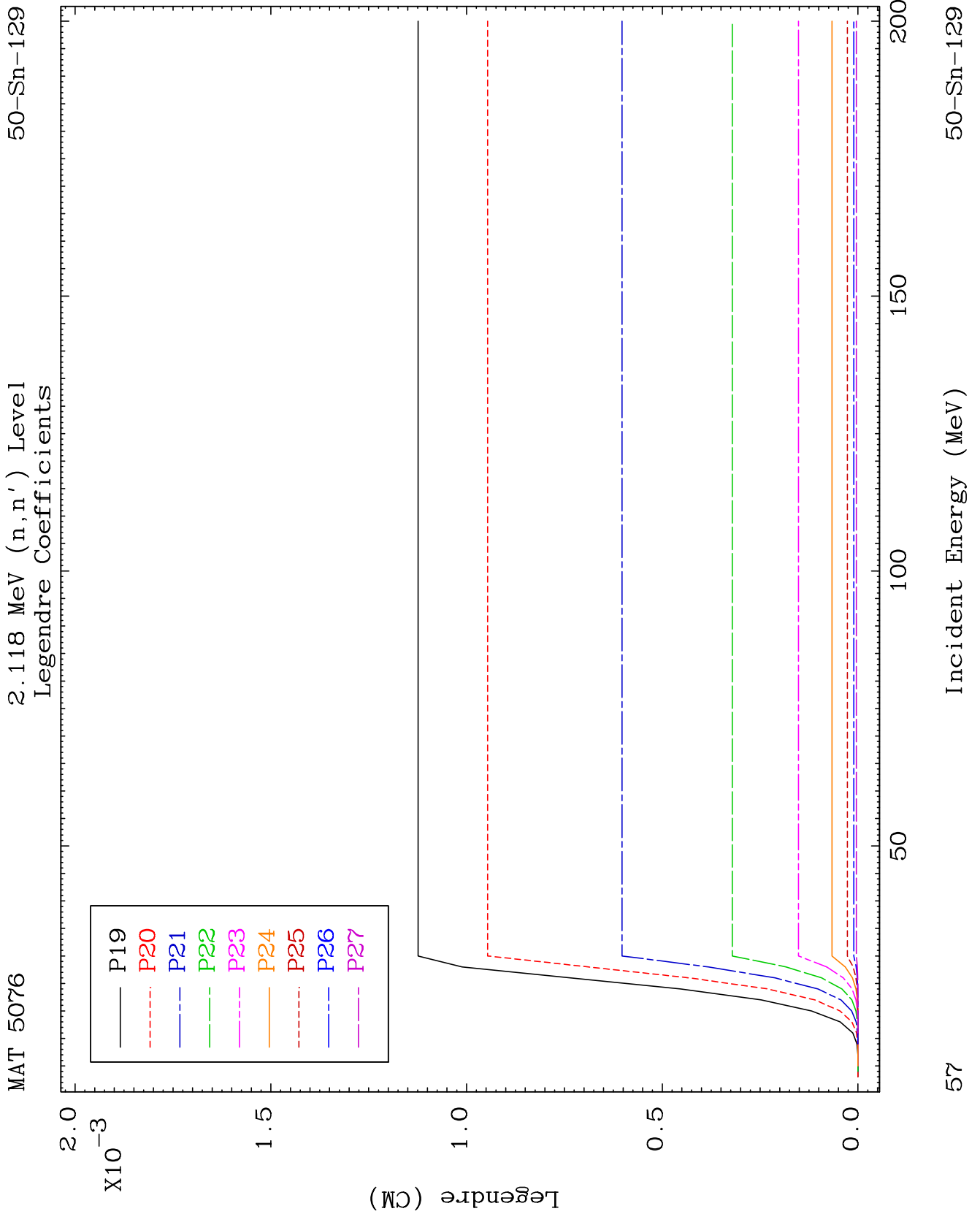
50-Sn-129

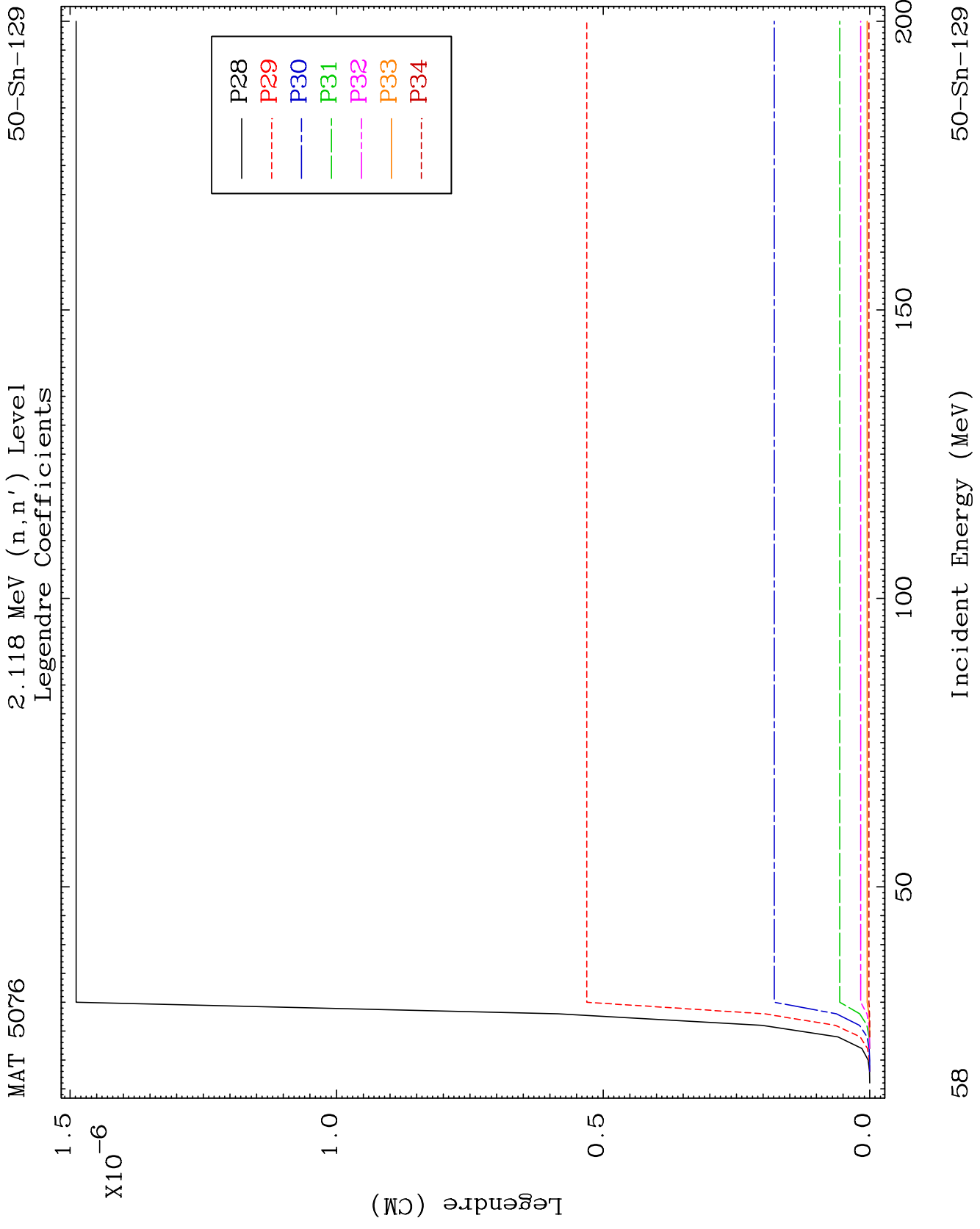


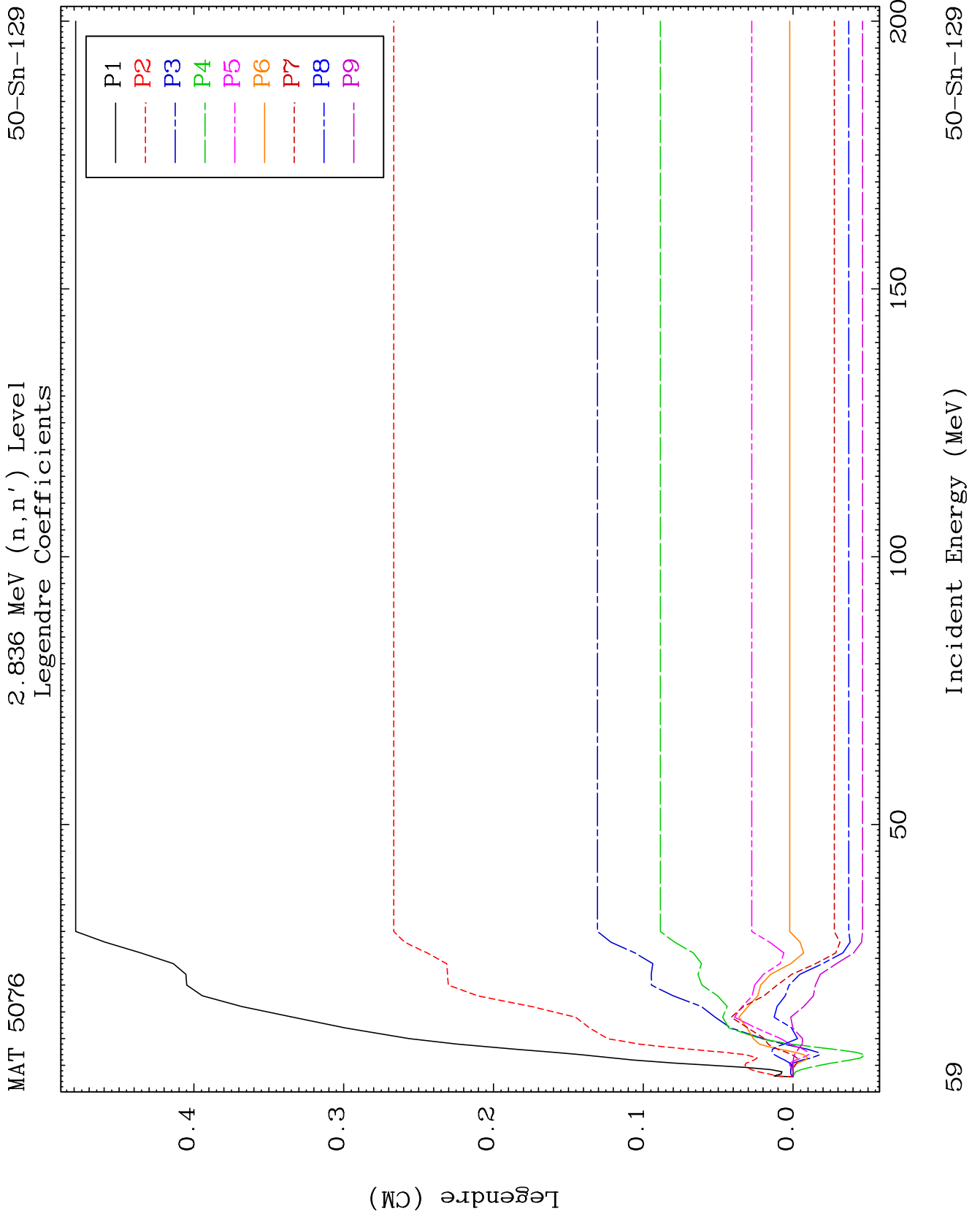
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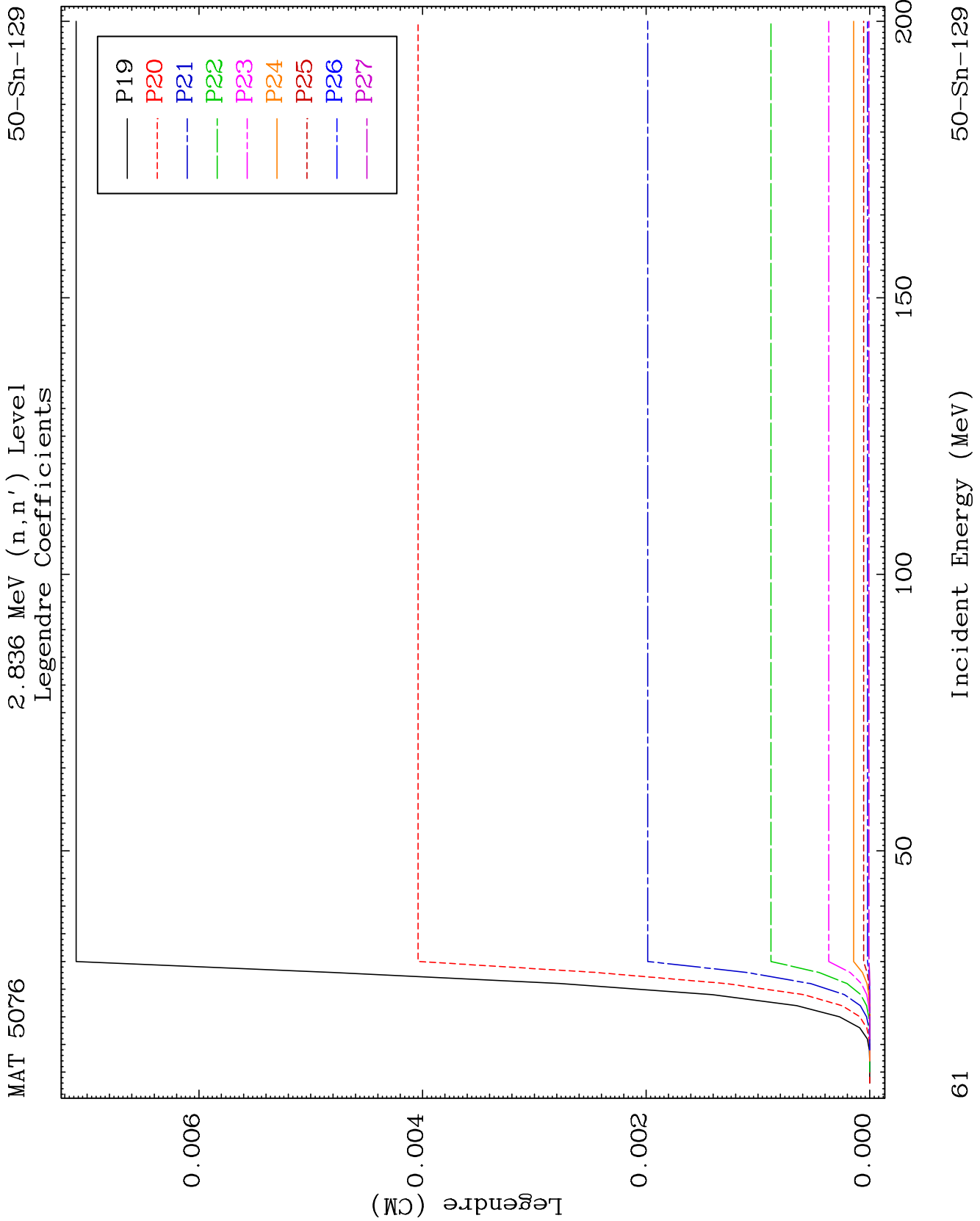
Incident Energy (MeV)

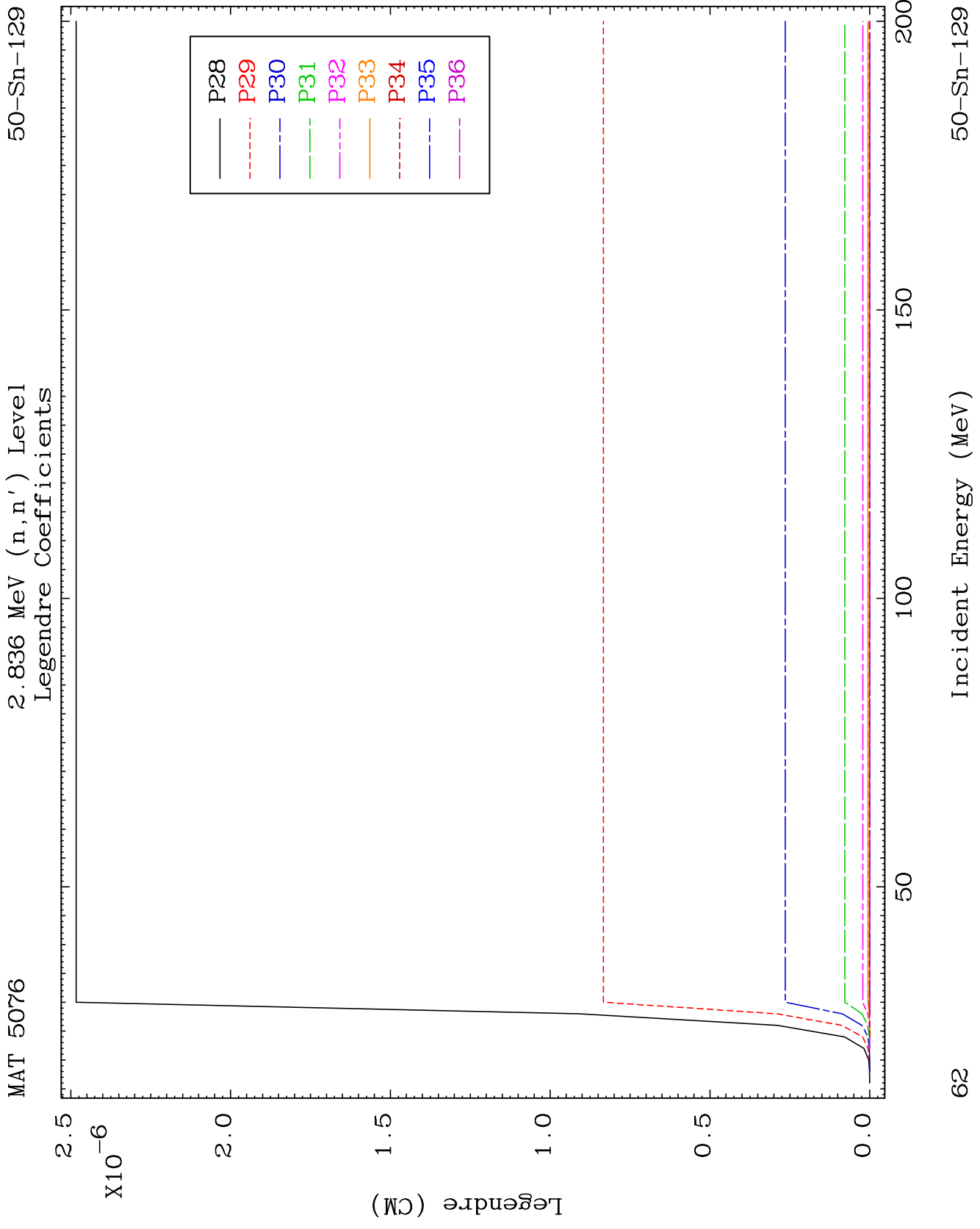
50-Sn-129

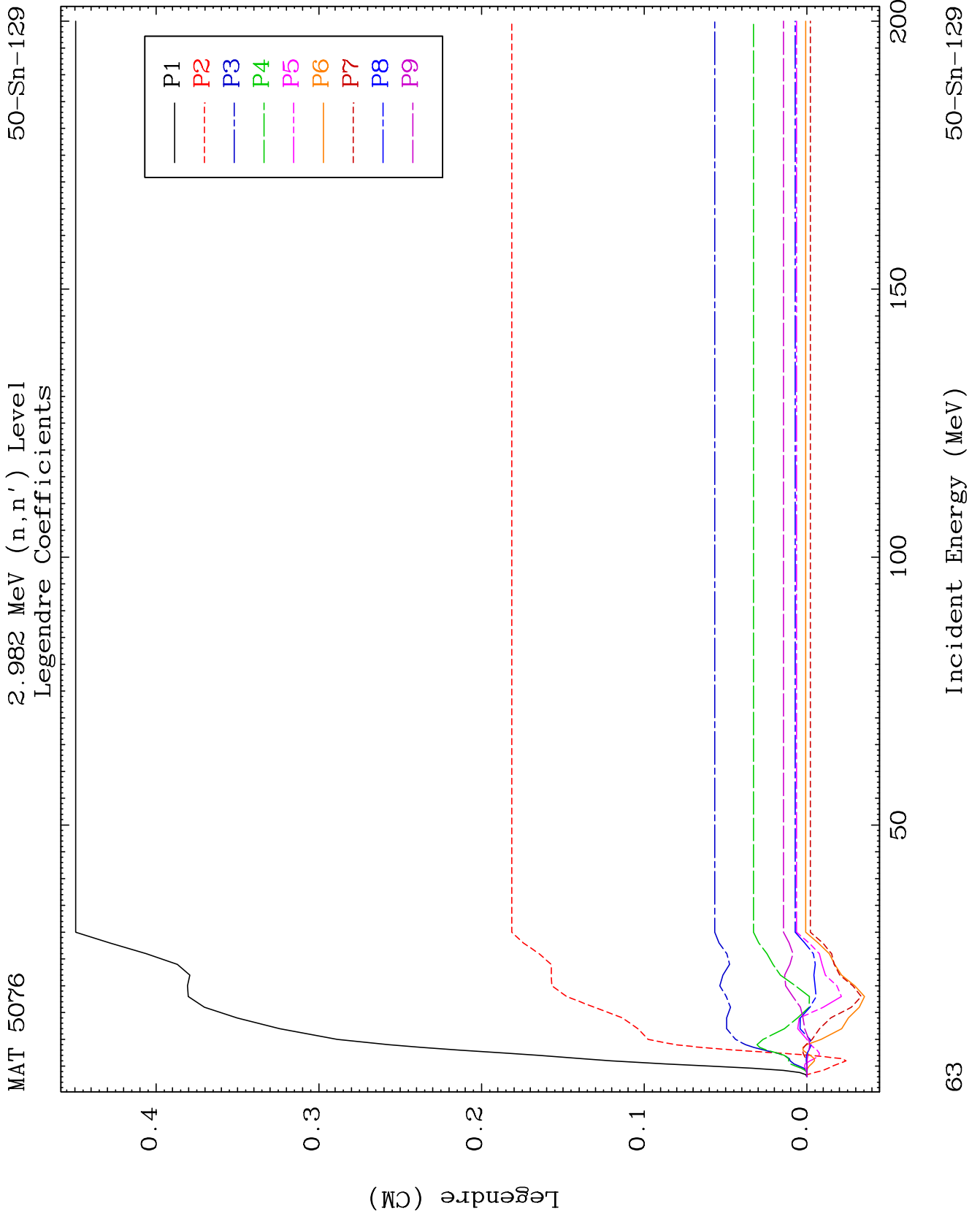








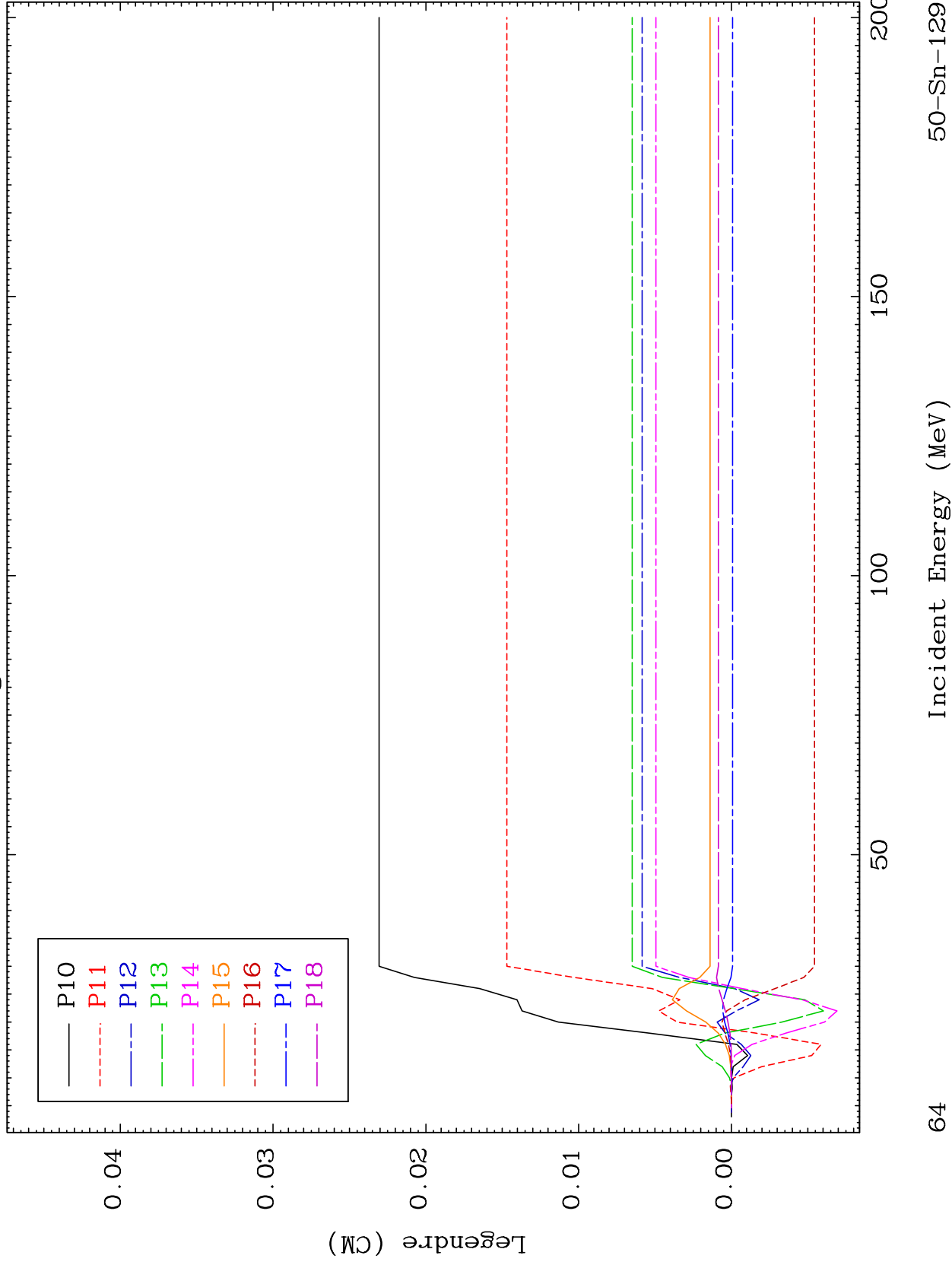




MAT 5076

2.982 MeV (n,n') Level
Legendre Coefficients

50-Sn-129



64

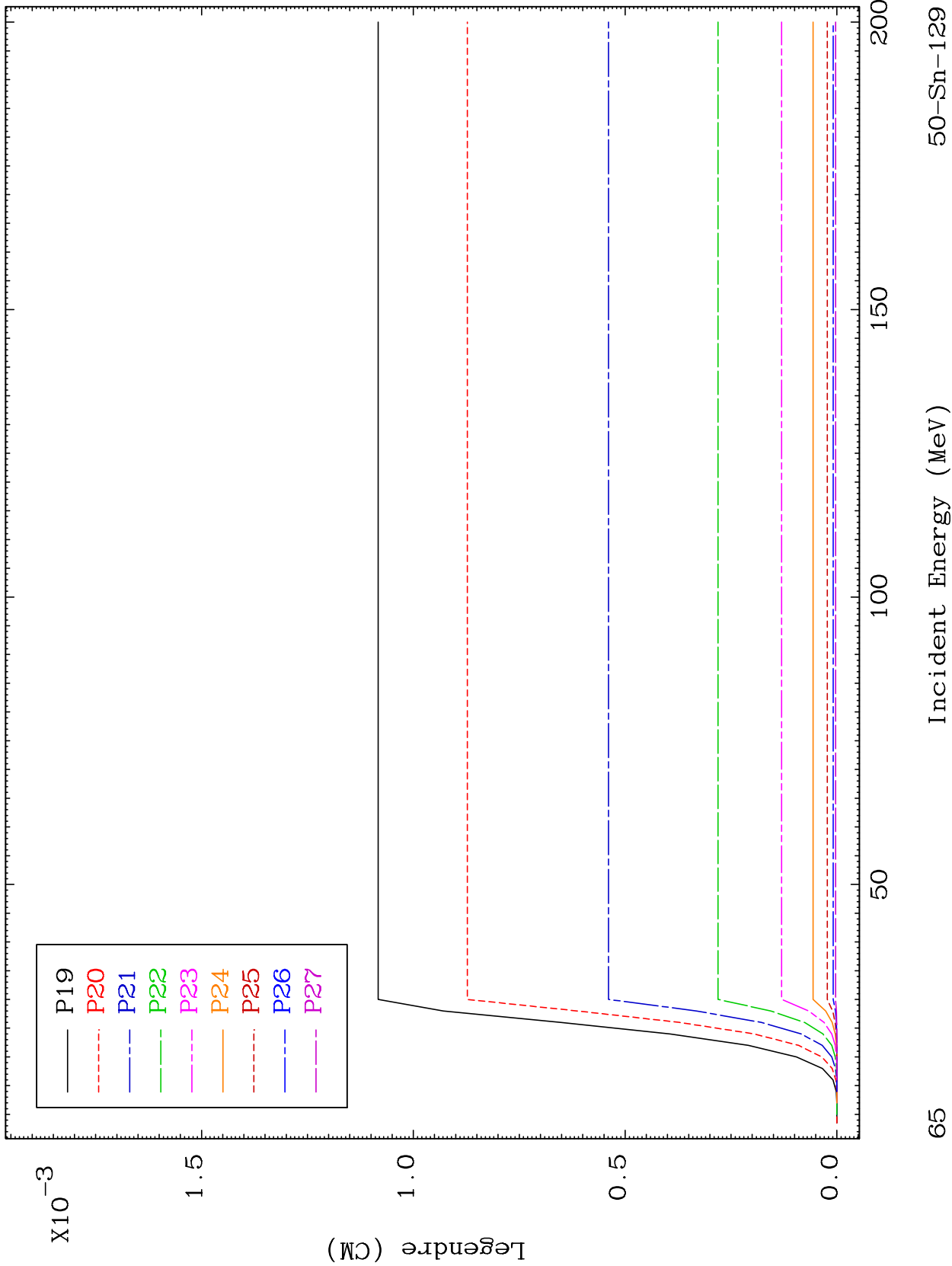
Incident Energy (MeV)

50-Sn-129

MAT 5076

2.982 MeV (n,n') Level
Legendre Coefficients

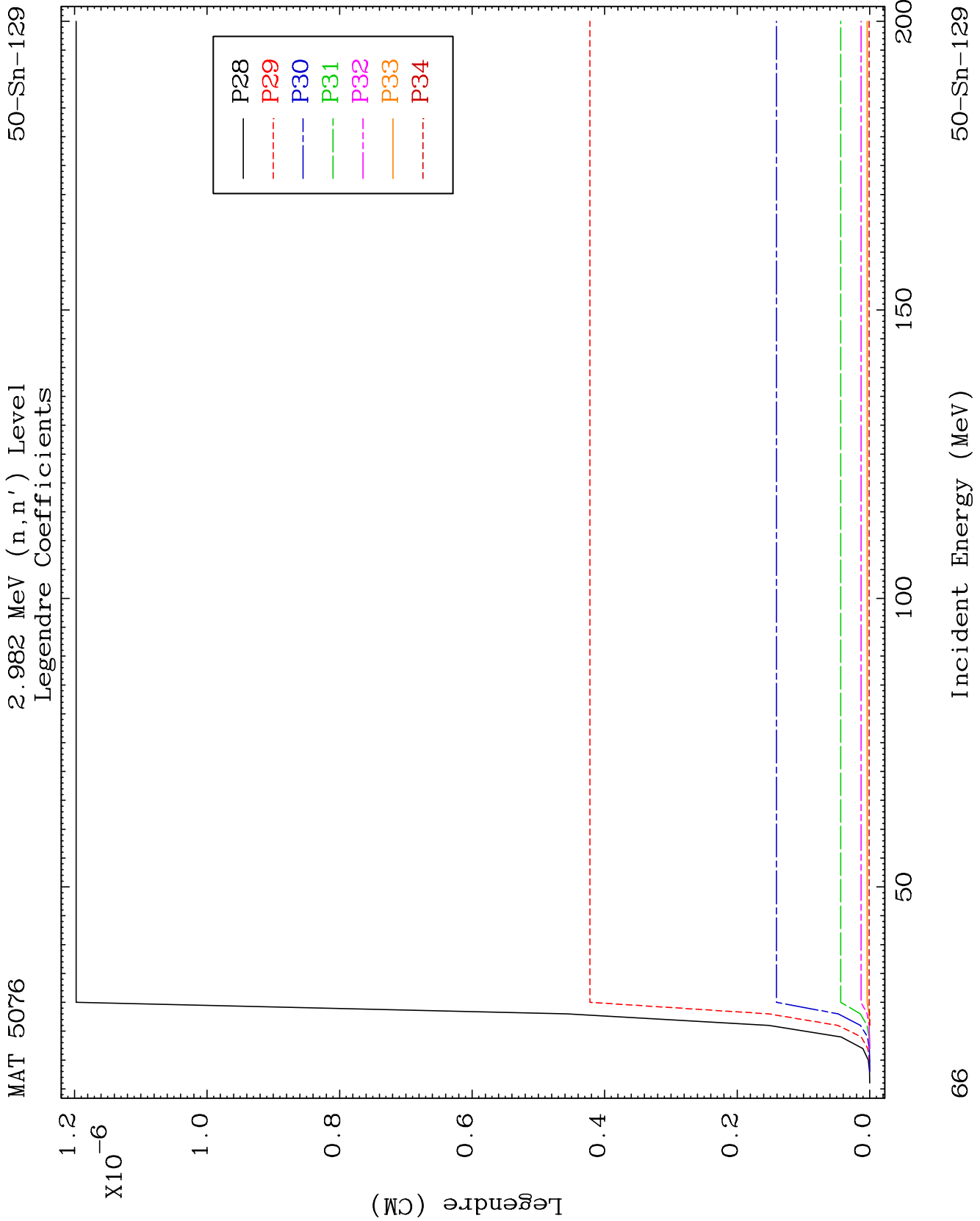
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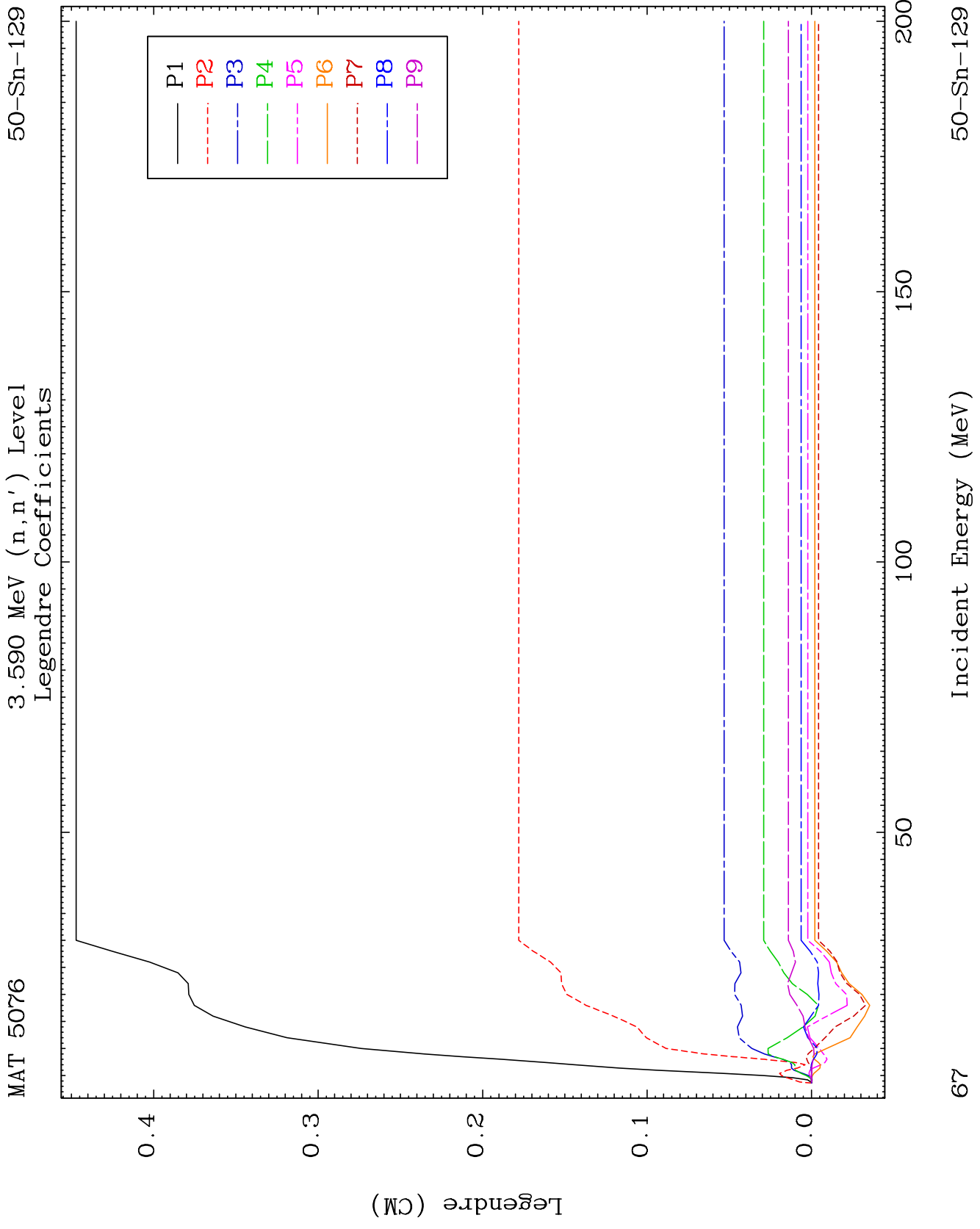


65

Incident Energy (MeV)

50-Sn-129

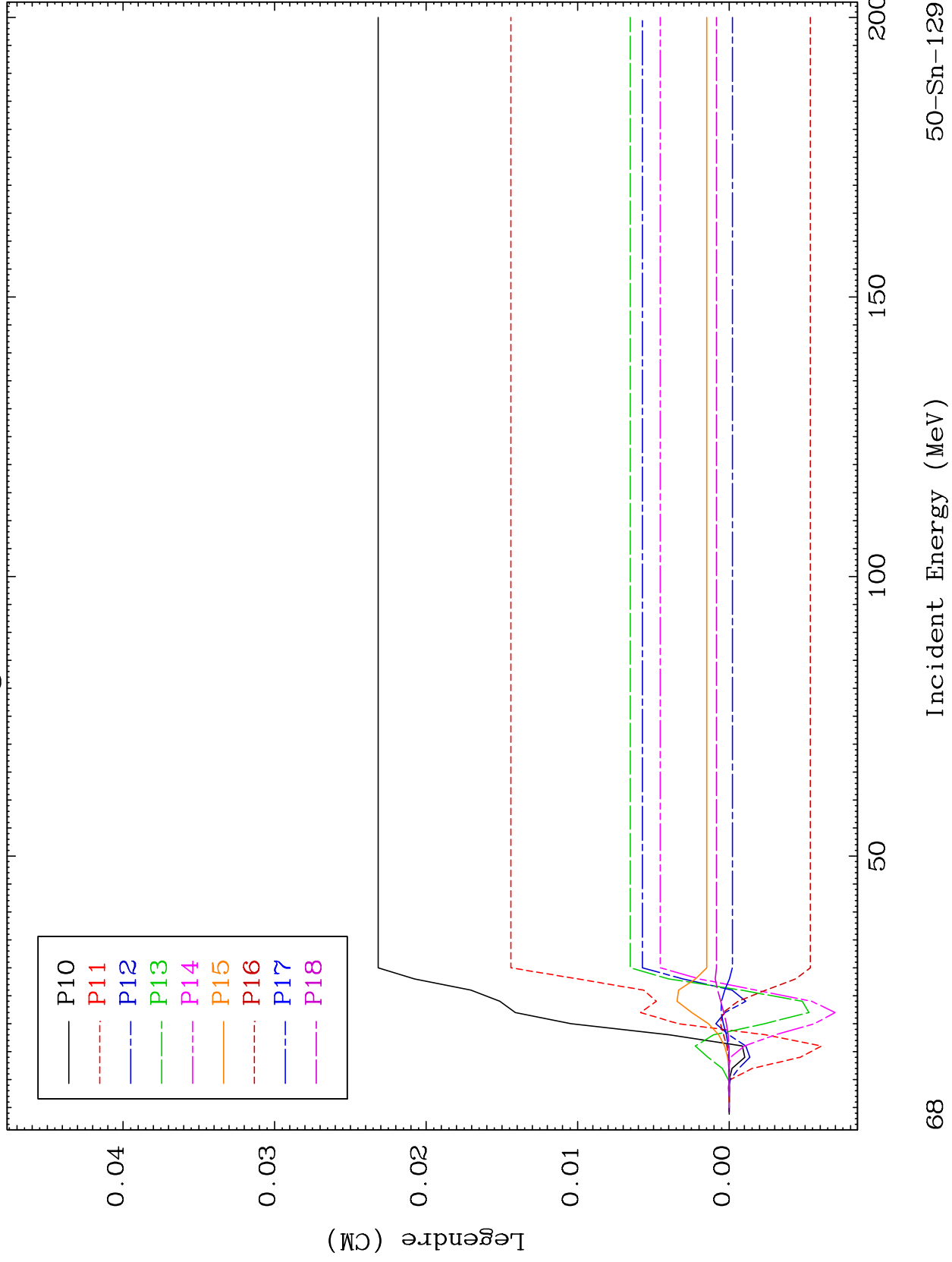




MAT 5076

3.590 MeV (n,n') Level
Legendre Coefficients

50-Sn-129



68

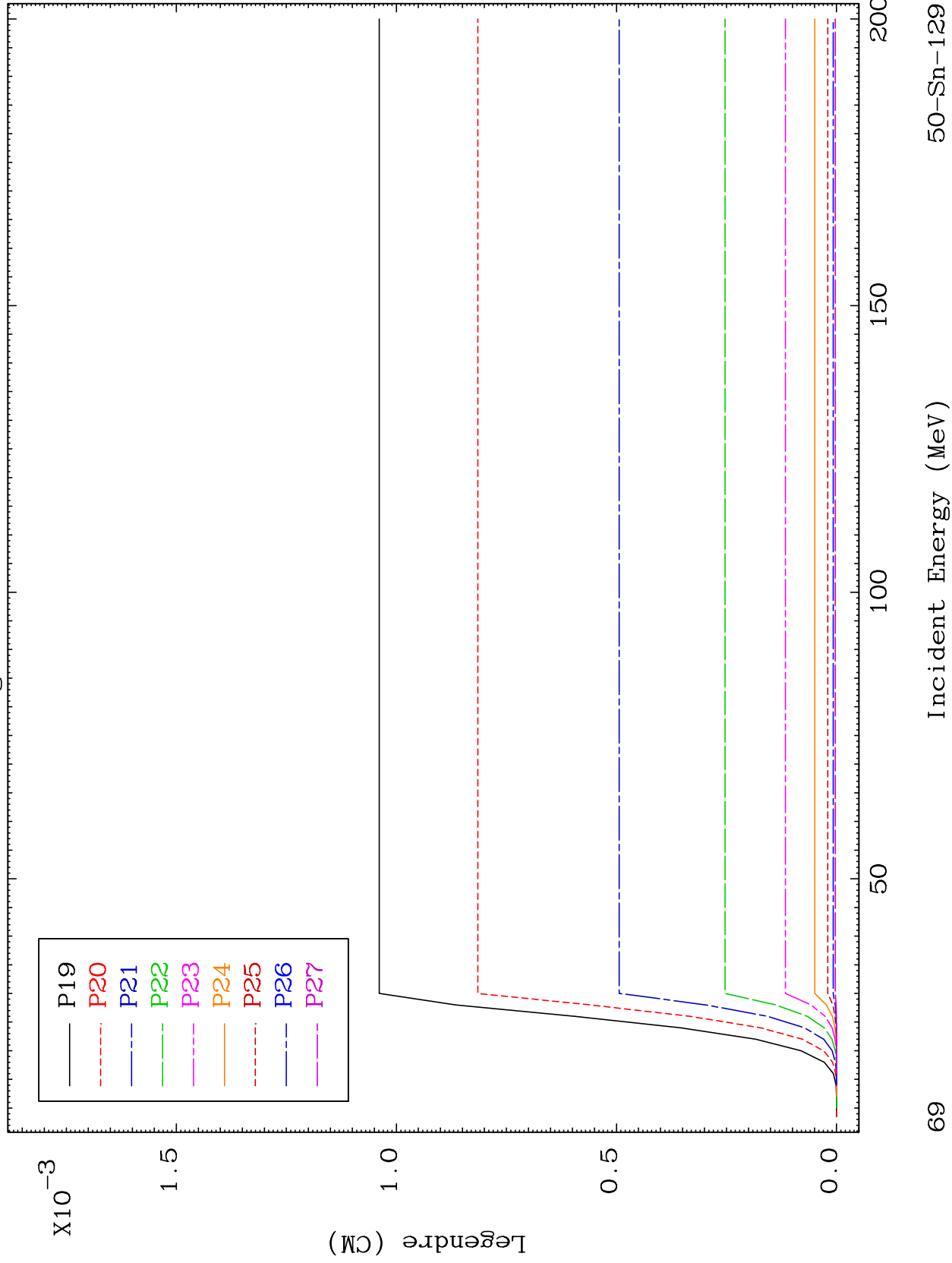
50-Sn-129

Incident Energy (MeV)

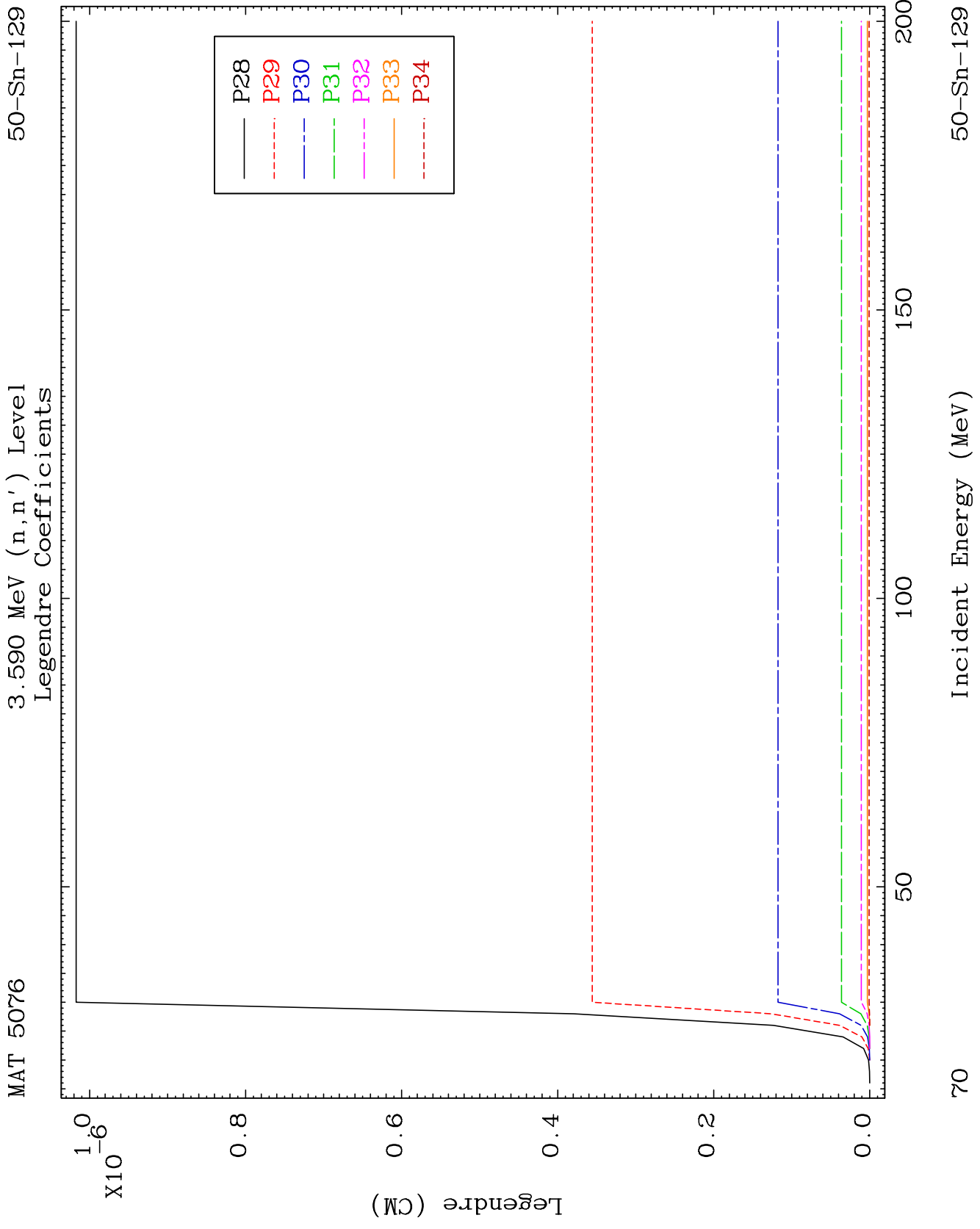
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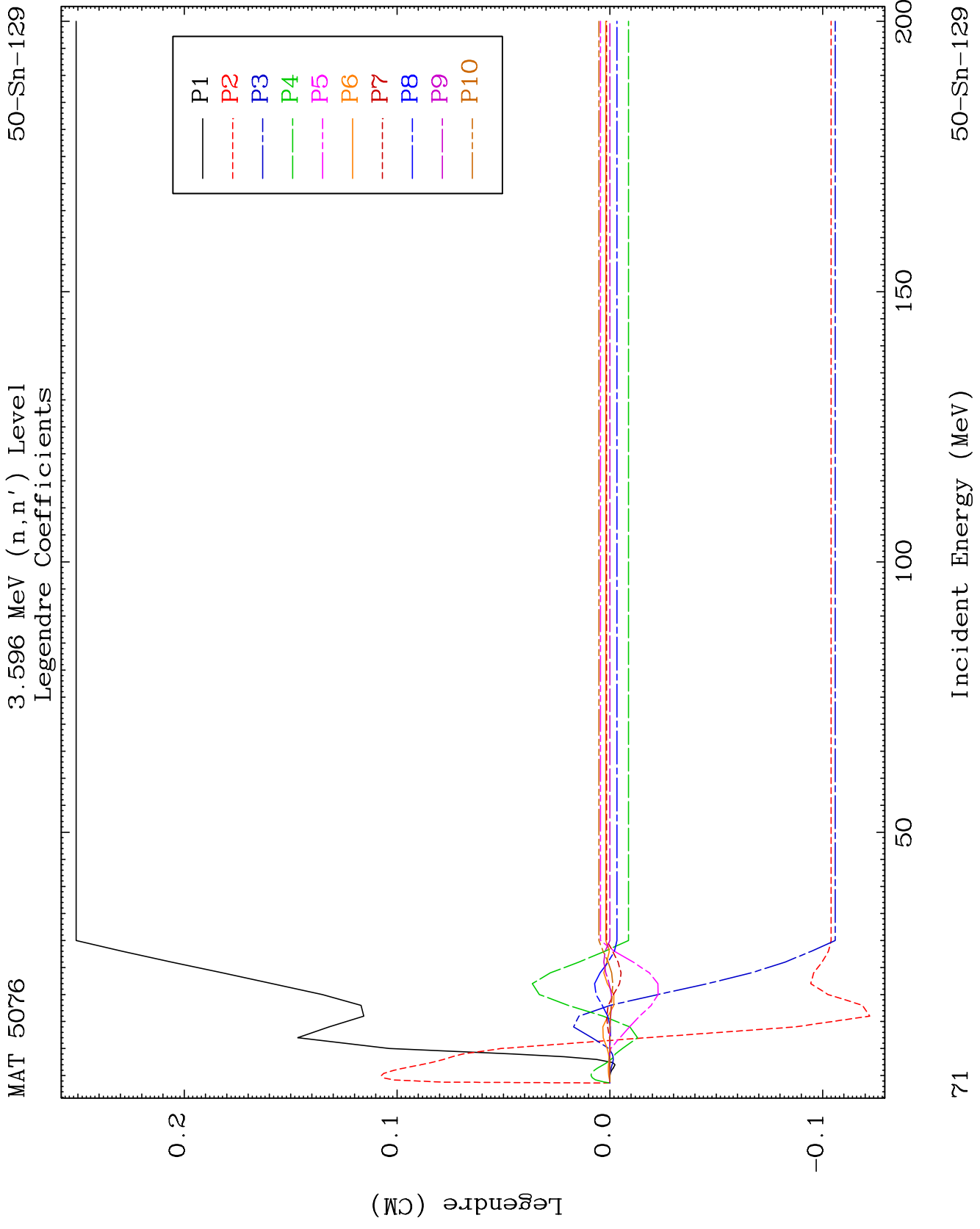
3.590 MeV (n,n') Level
Legendre Coefficients

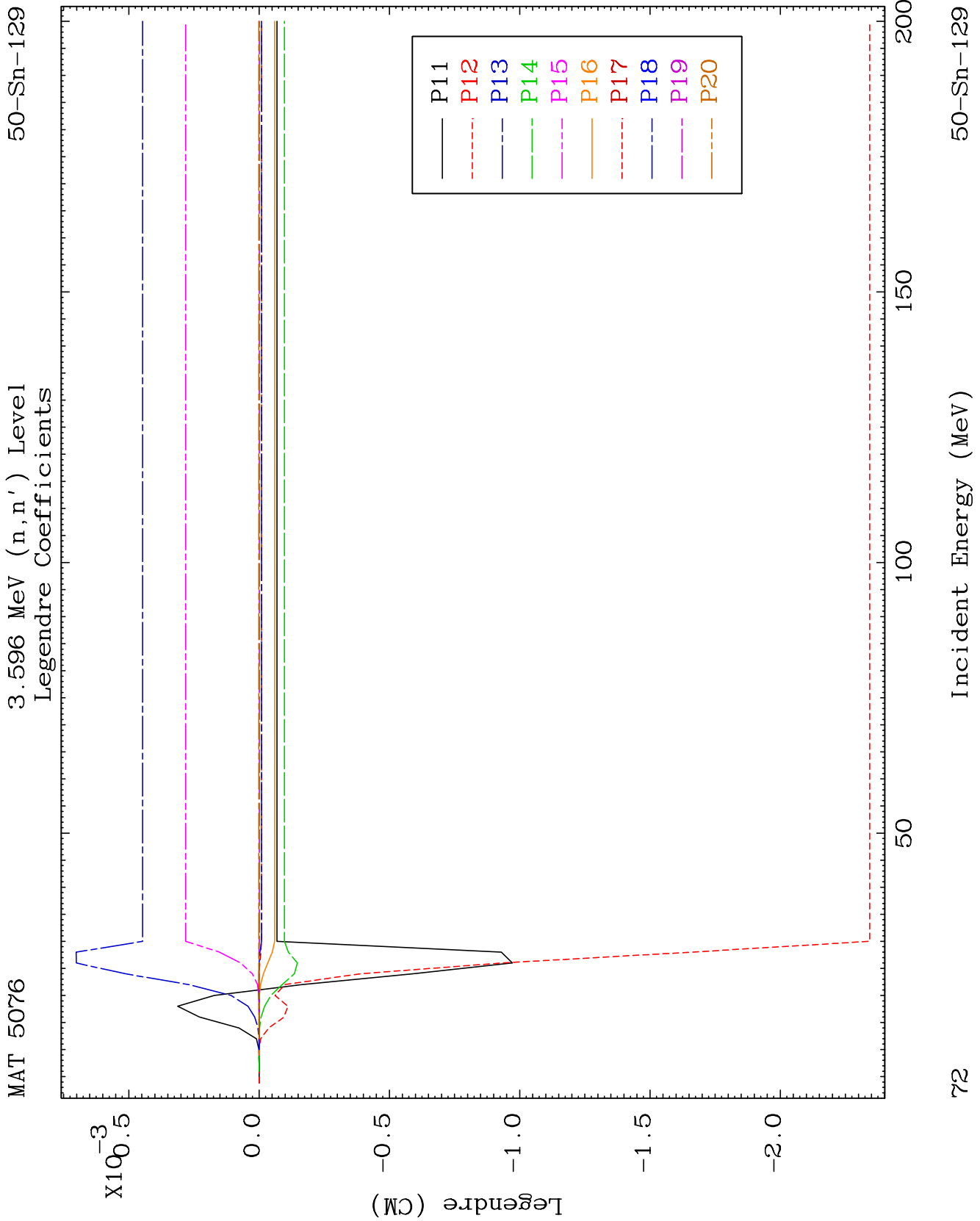
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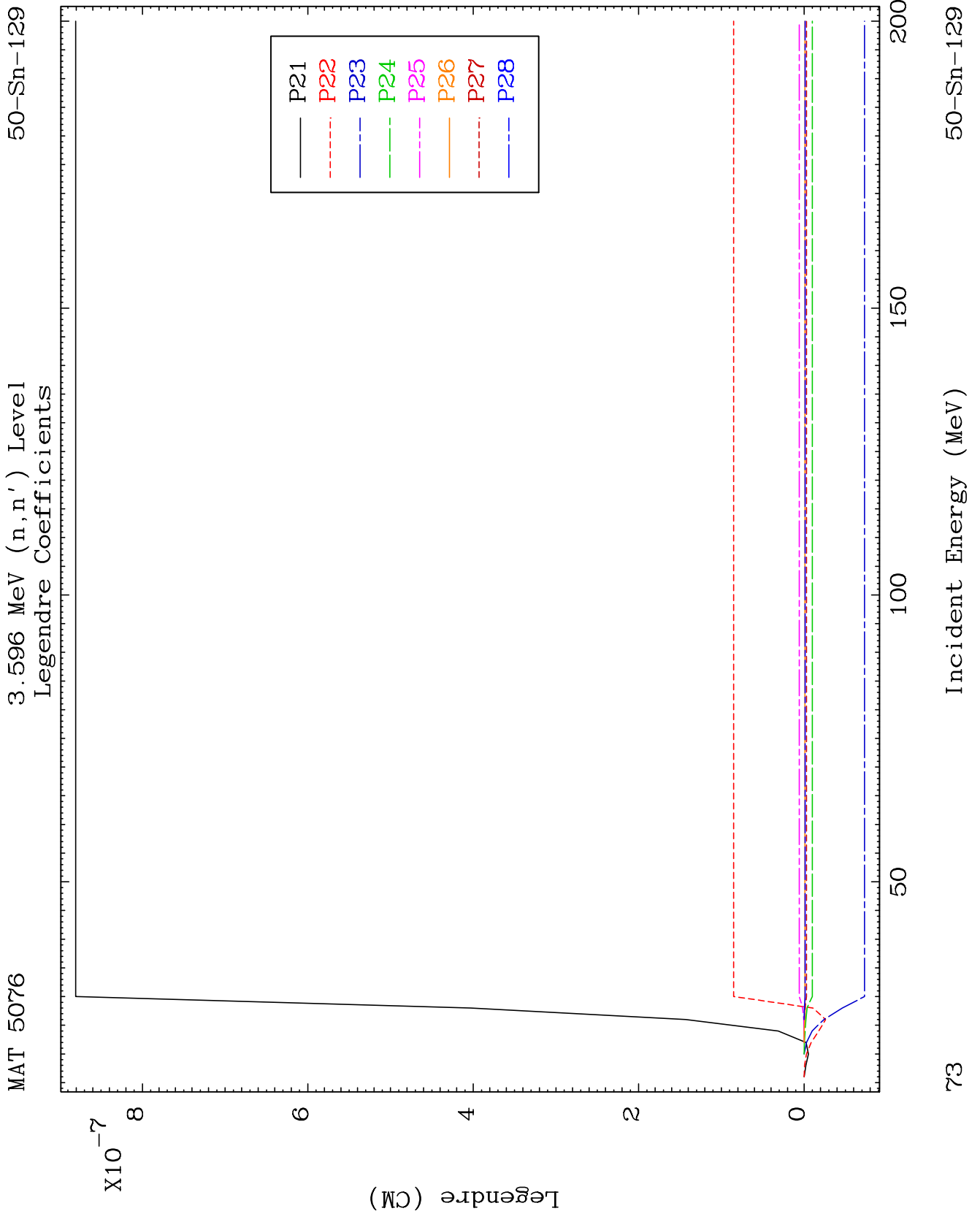


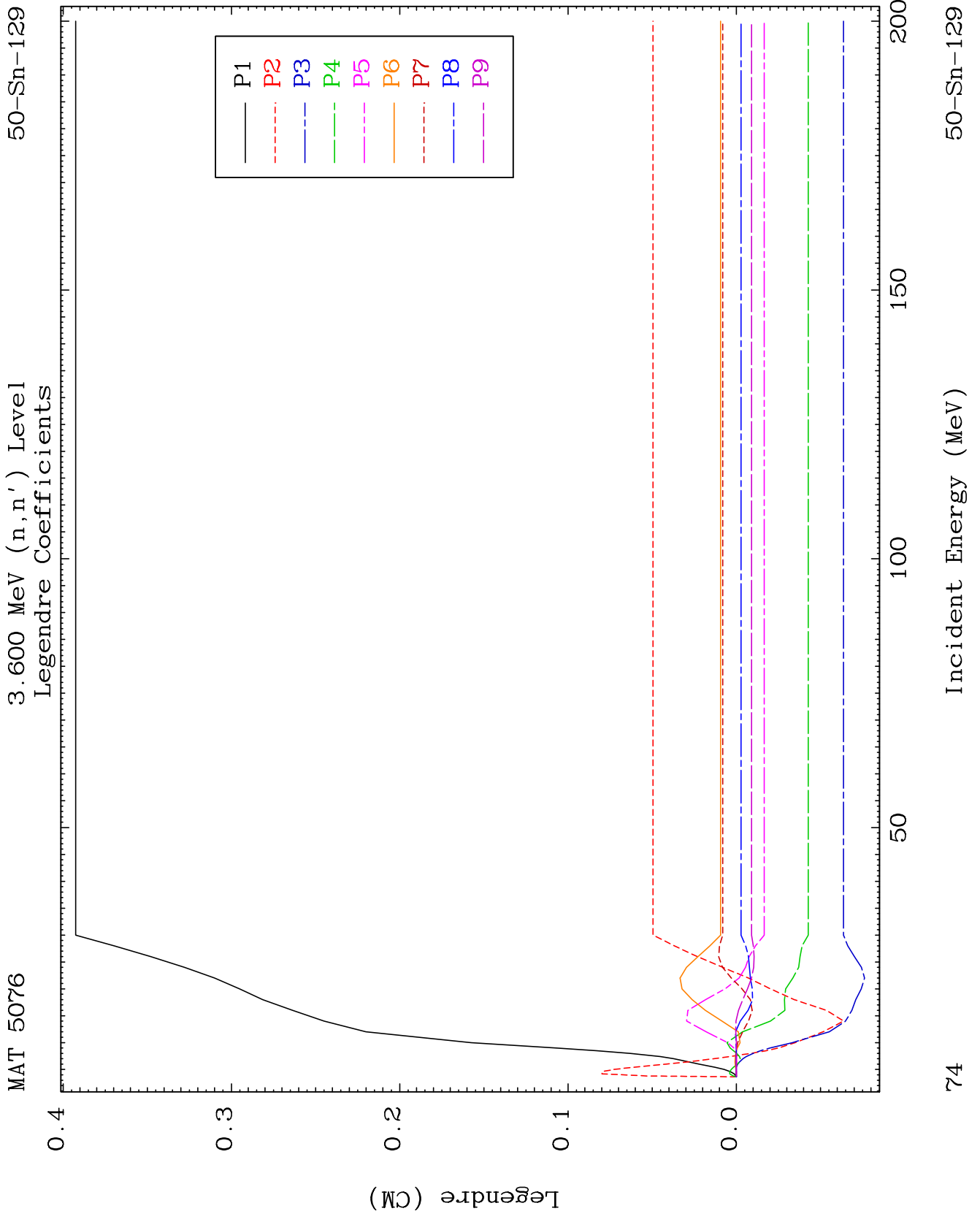
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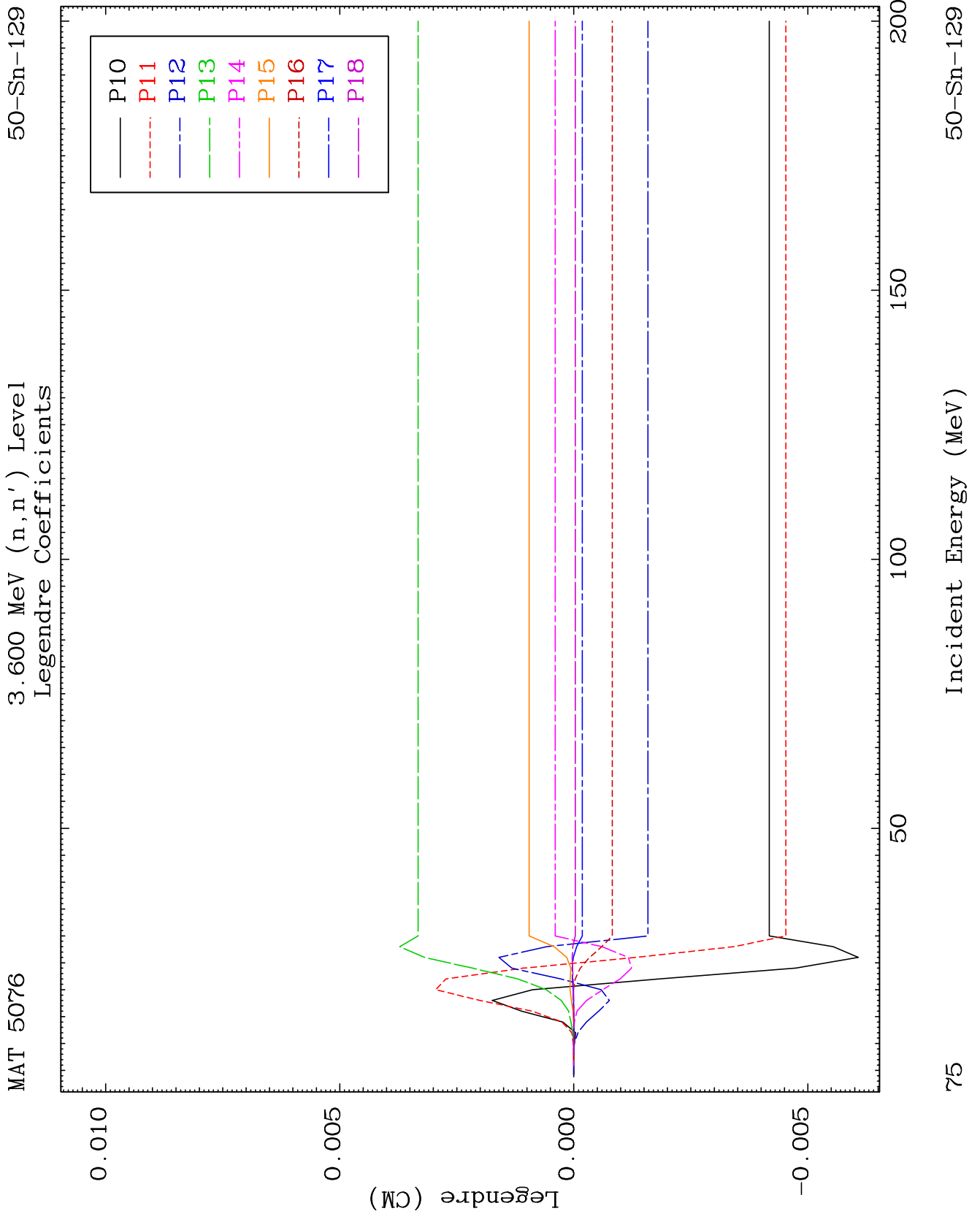


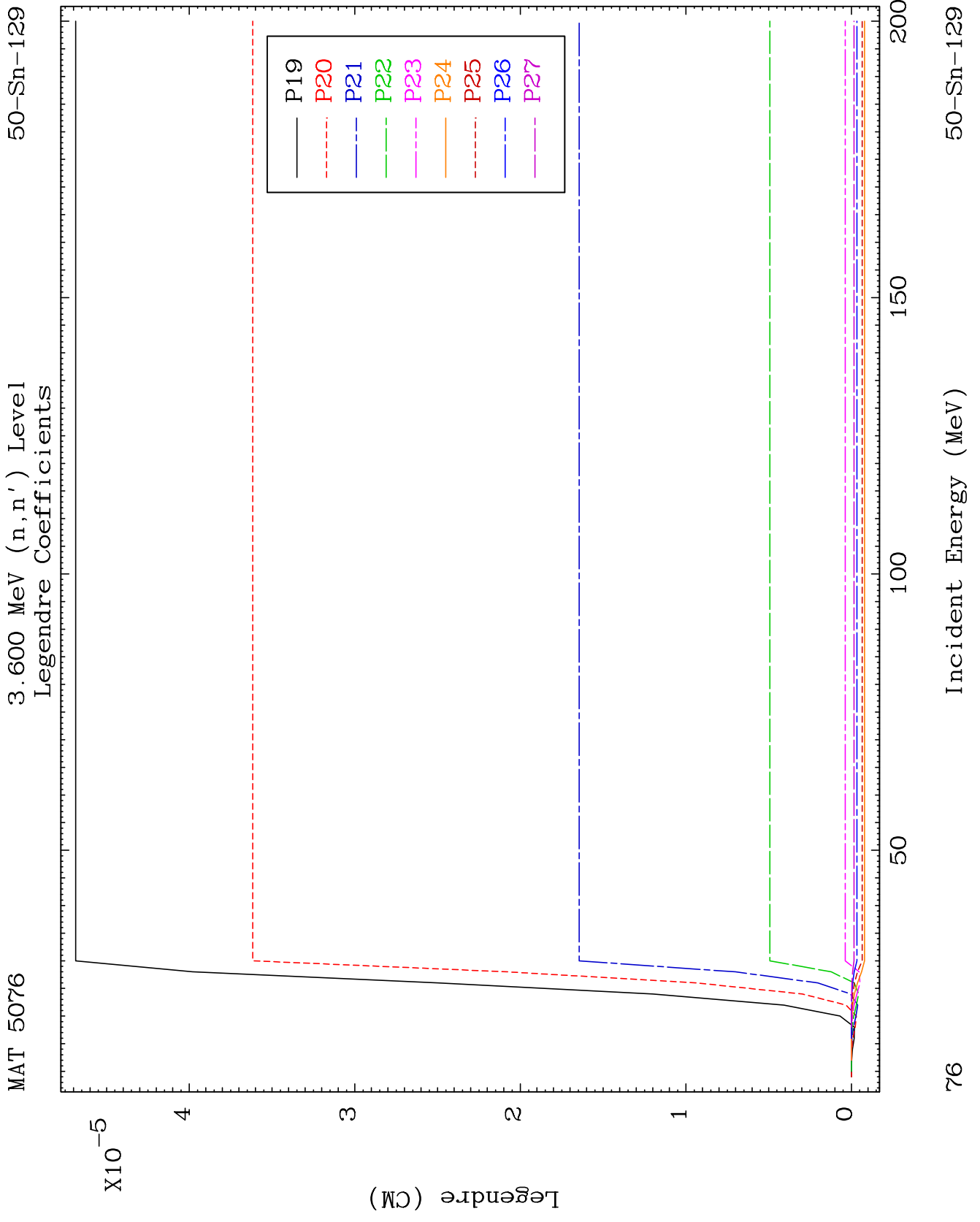


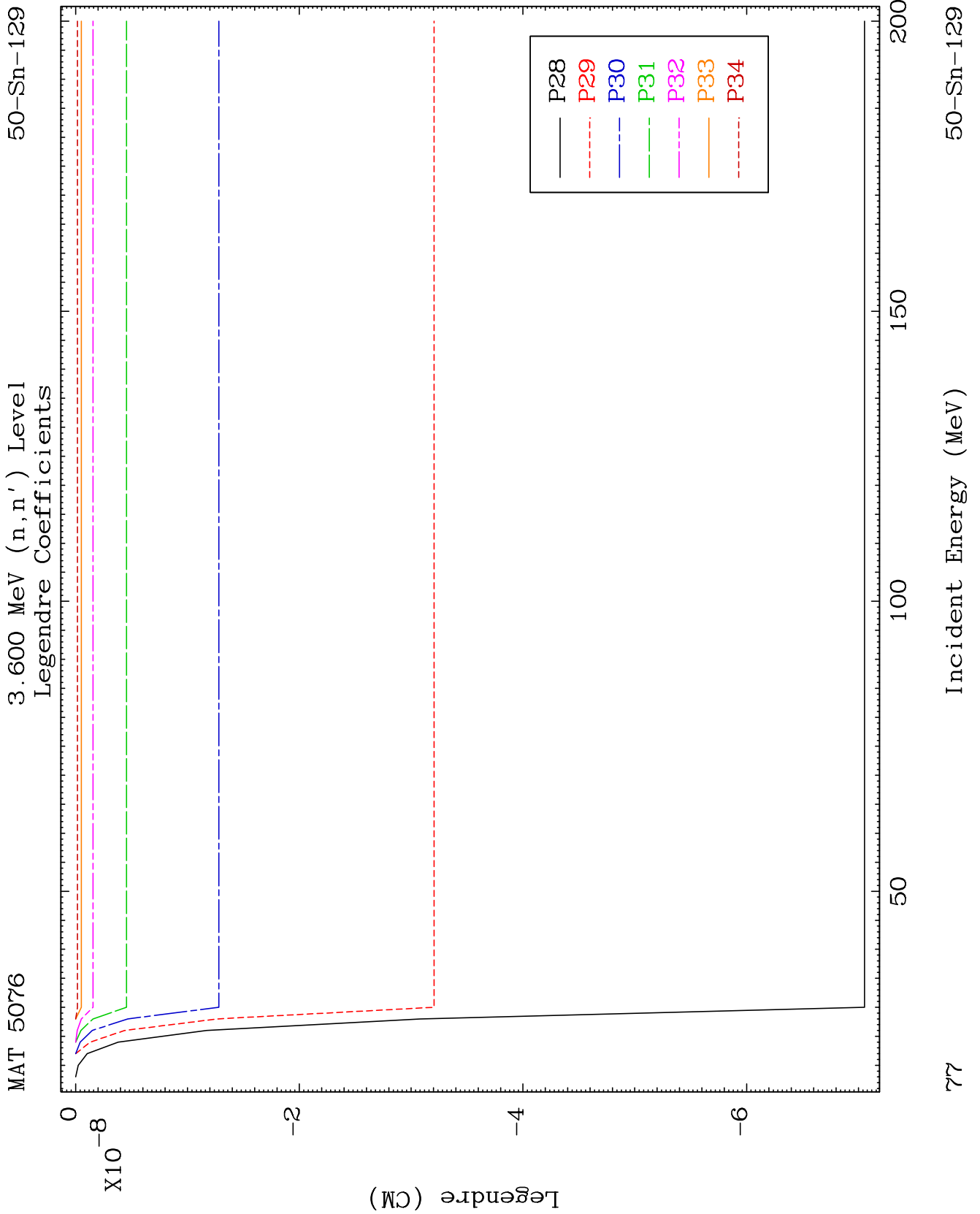


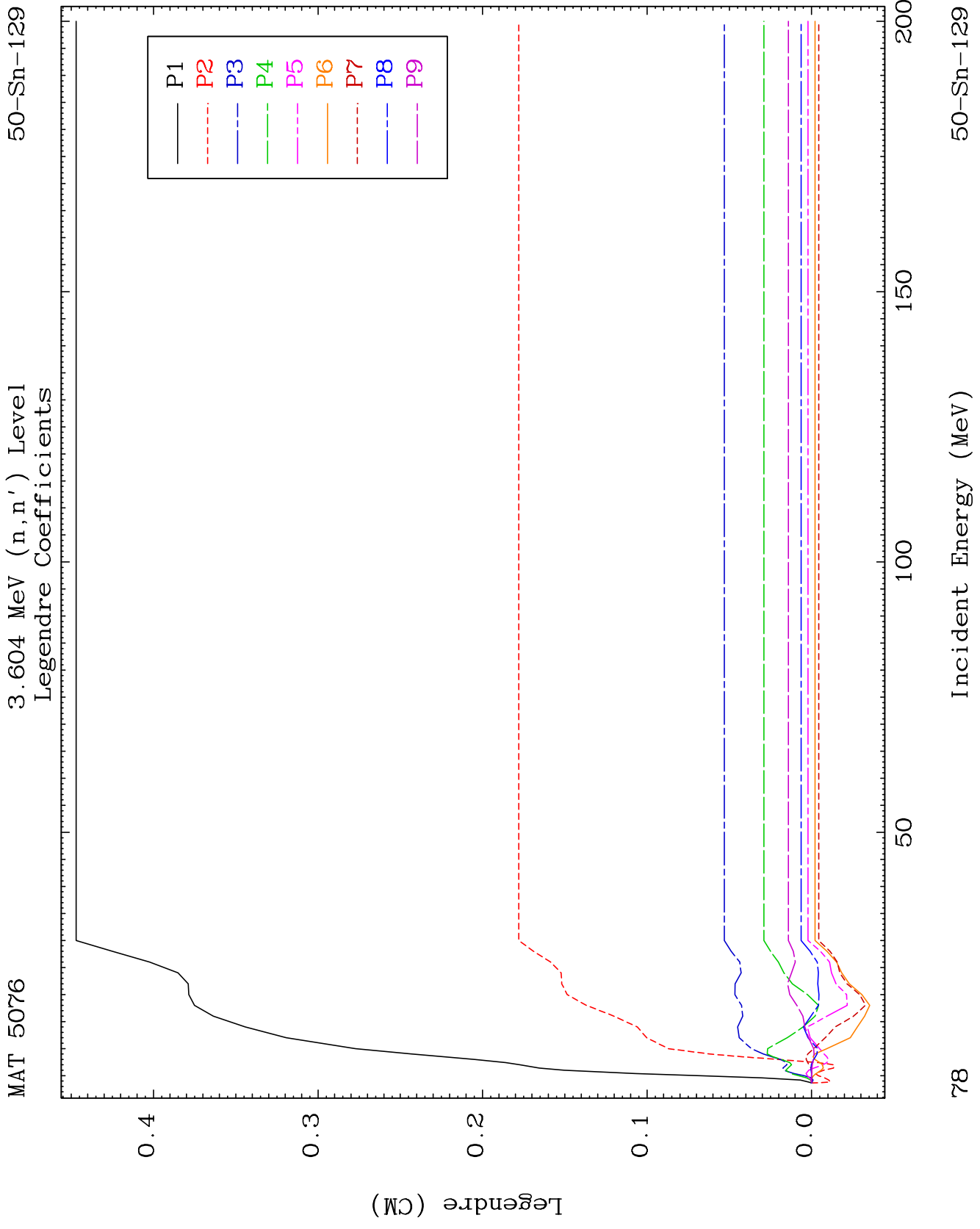








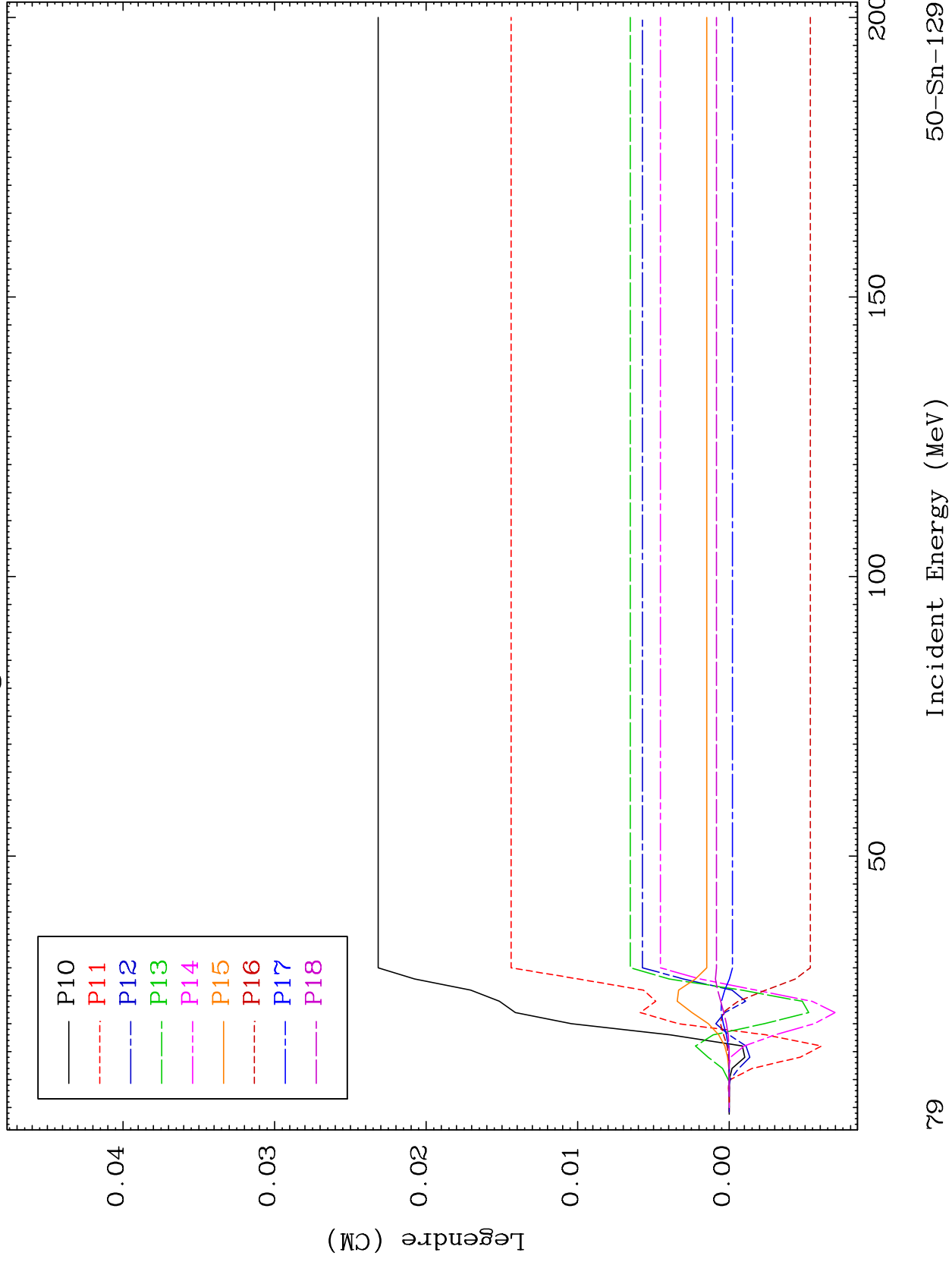




MAT 5076

3.604 MeV (n,n') Level
Legendre Coefficients

50-Sn-129



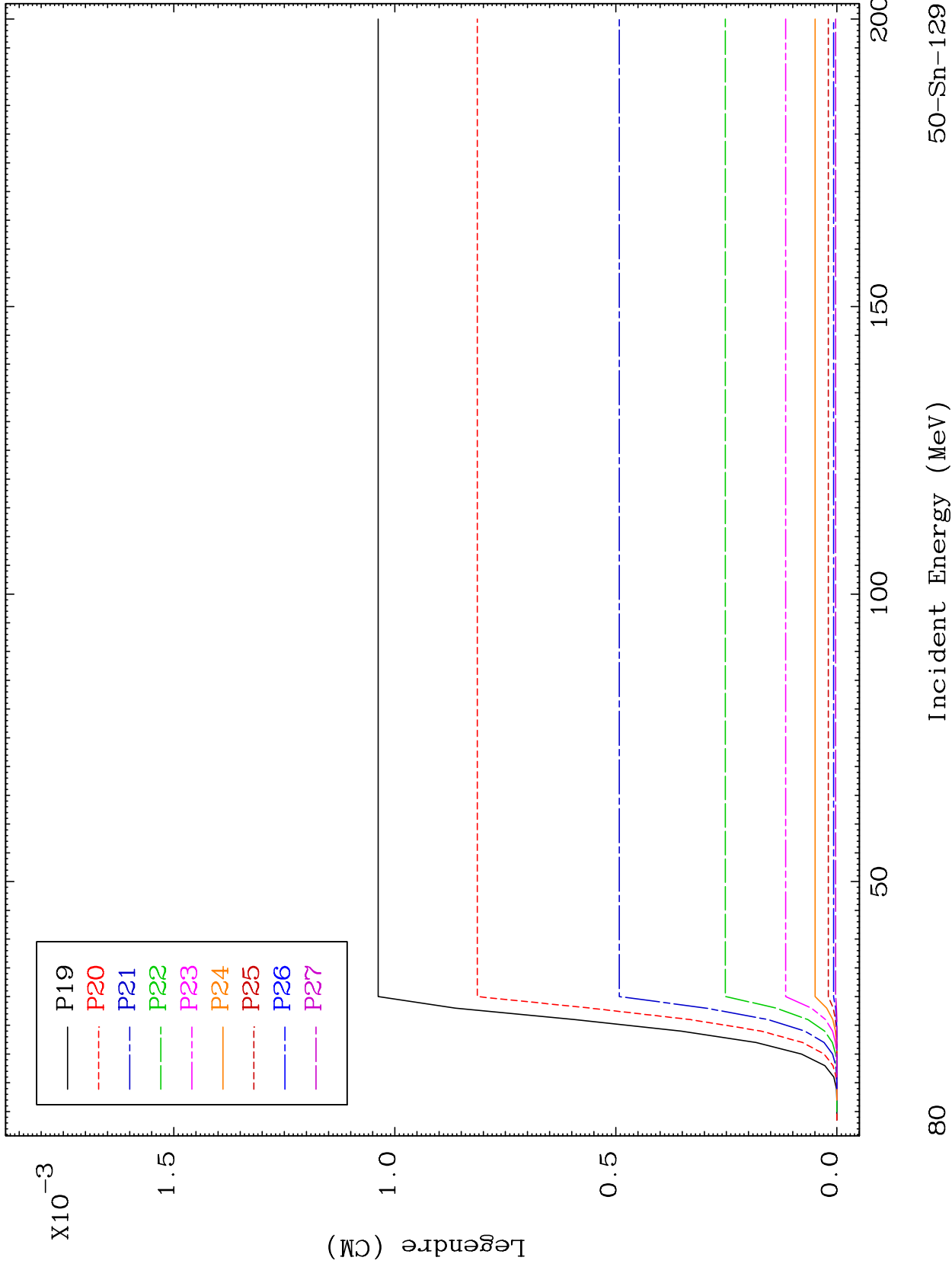
79

50-Sn-129

MAT 5076

3.604 MeV (n,n') Level
Legendre Coefficients

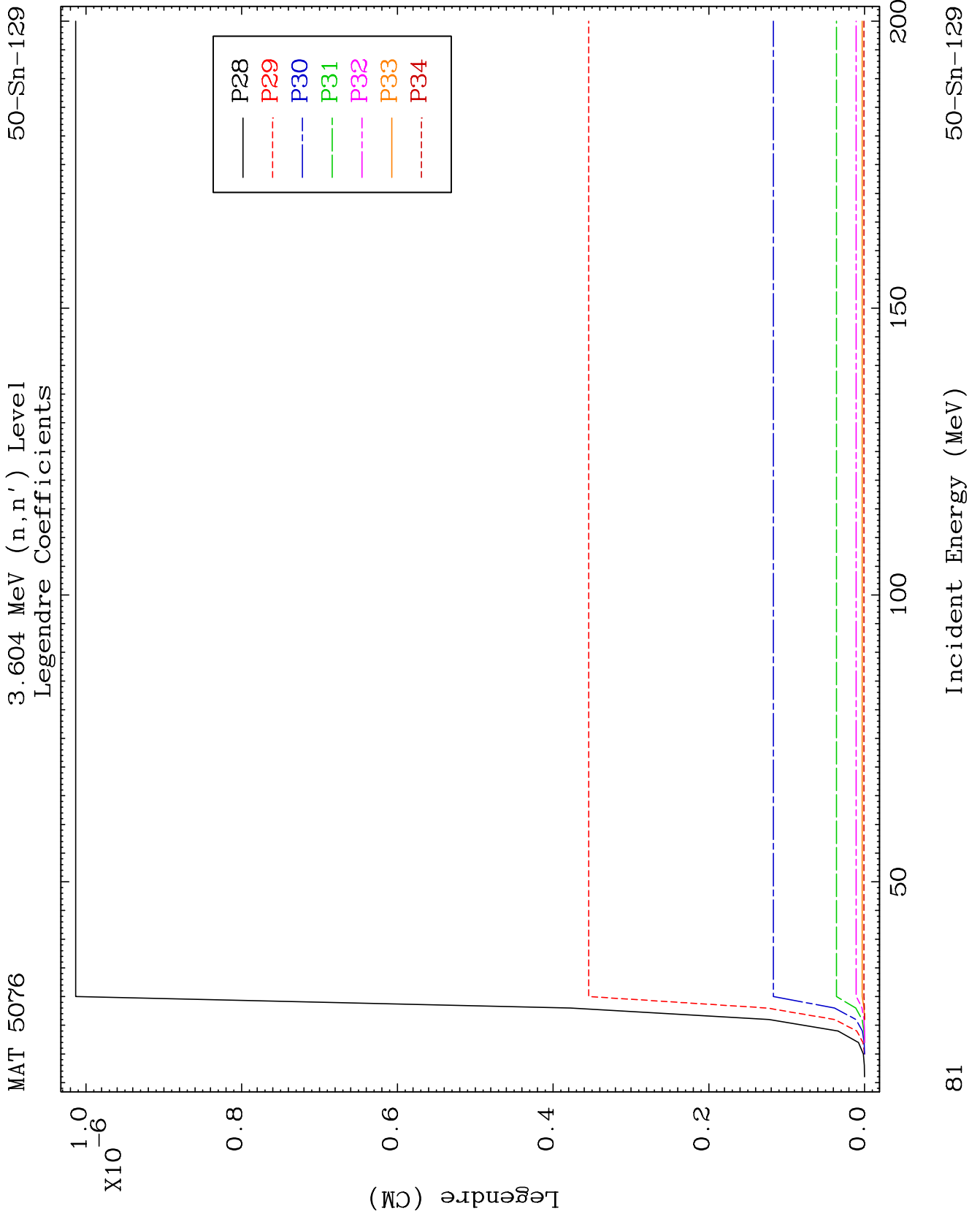
50-Sn-129

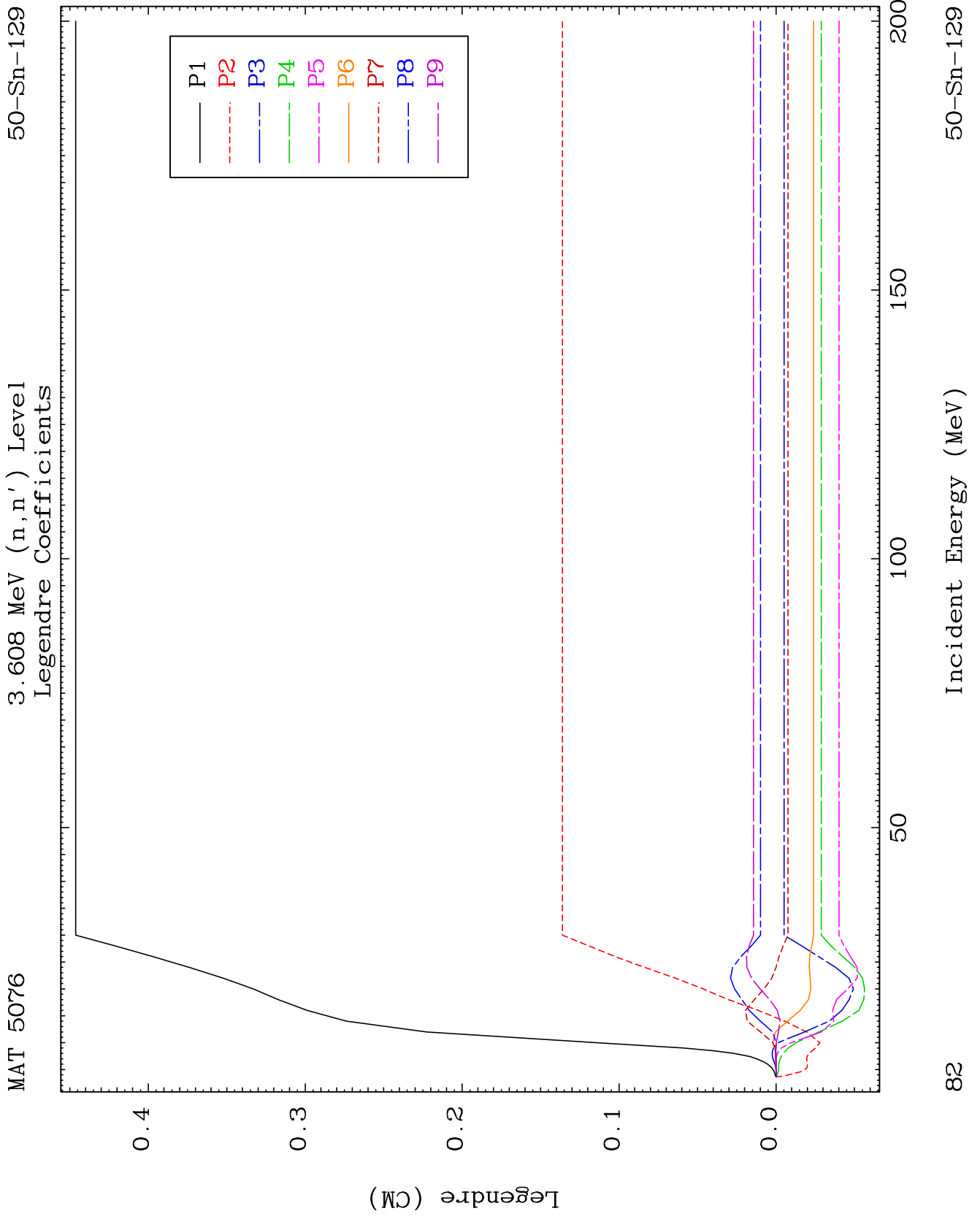


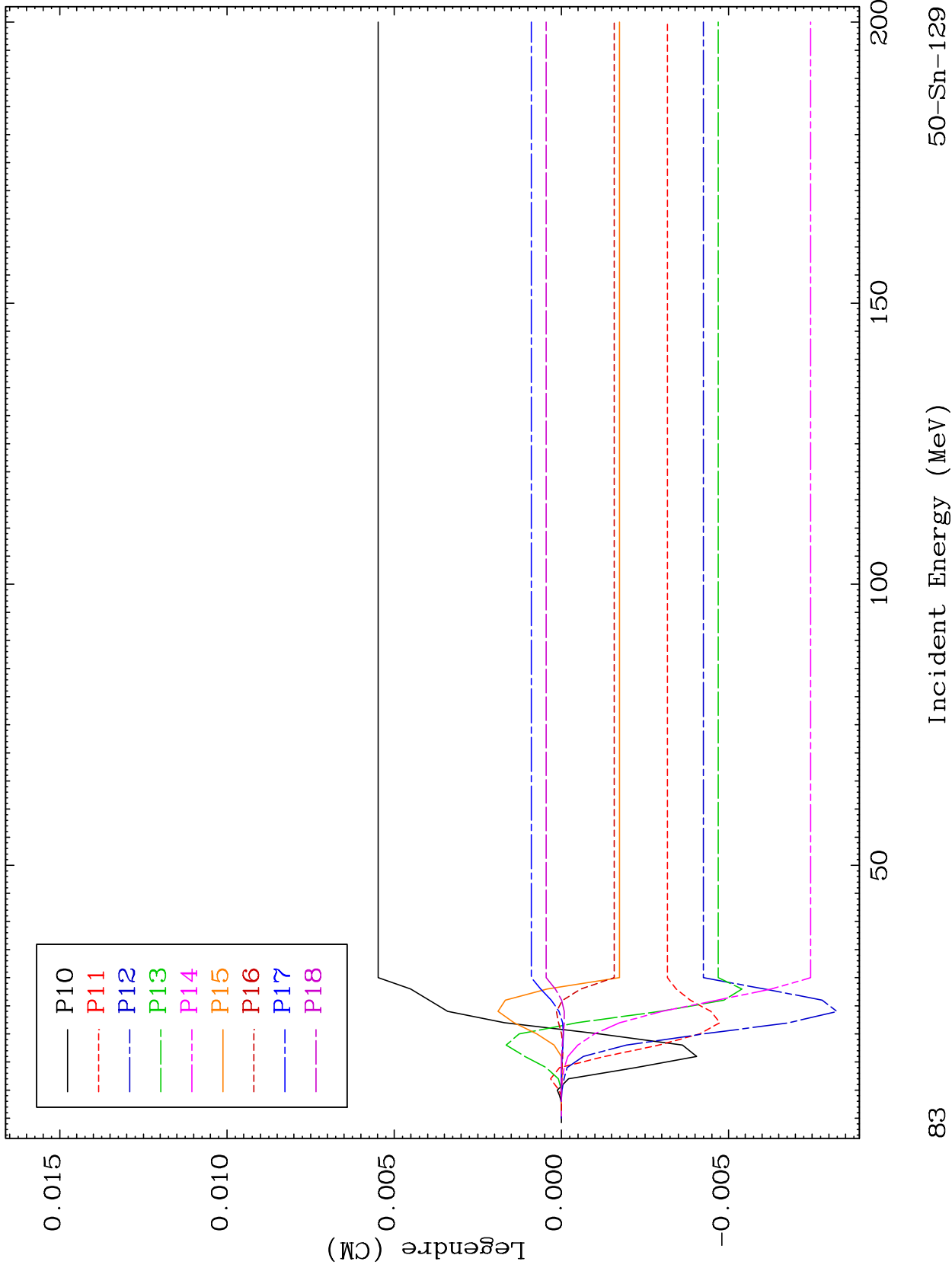
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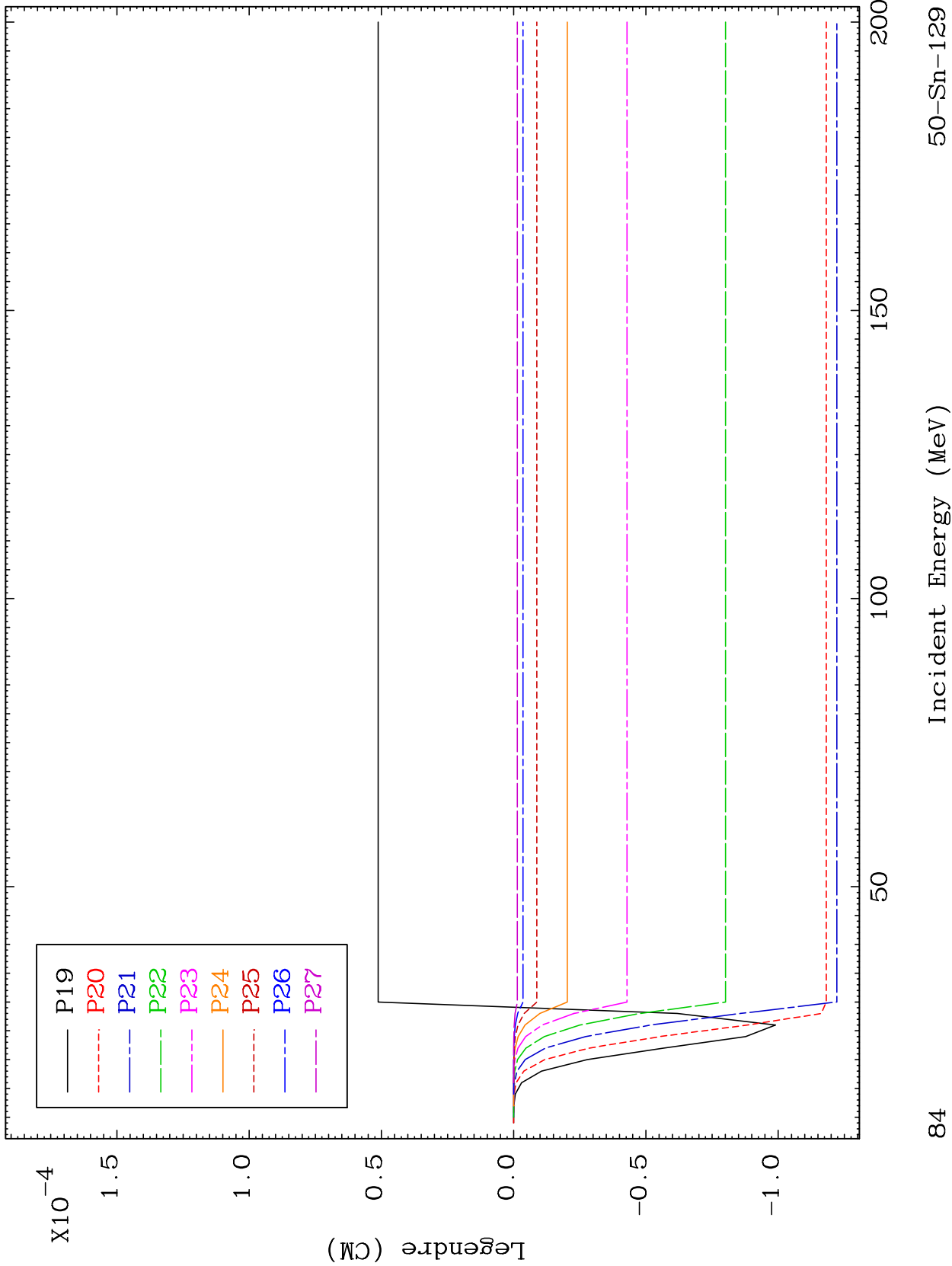
Incident Energy (MeV)

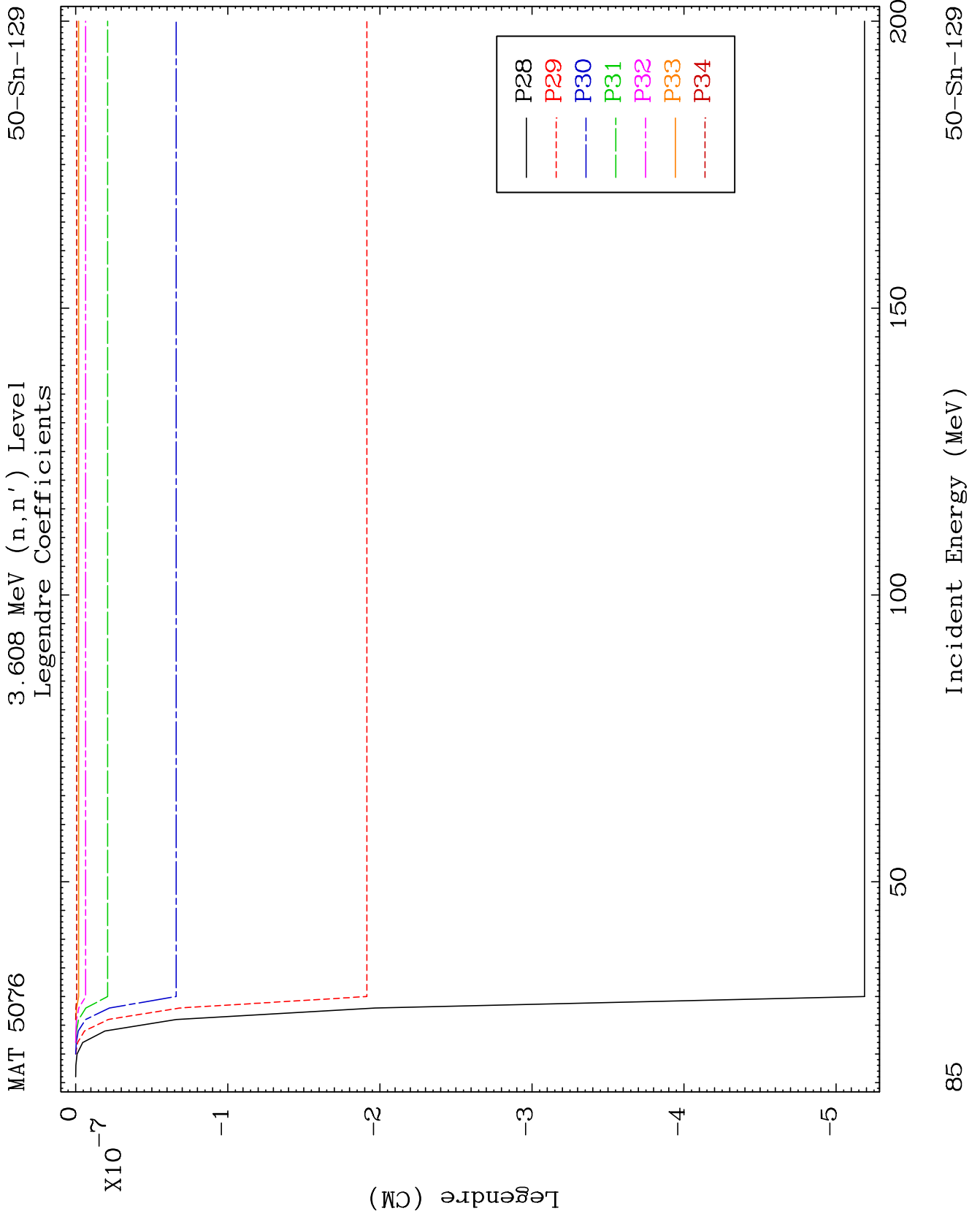
50-Sn-129

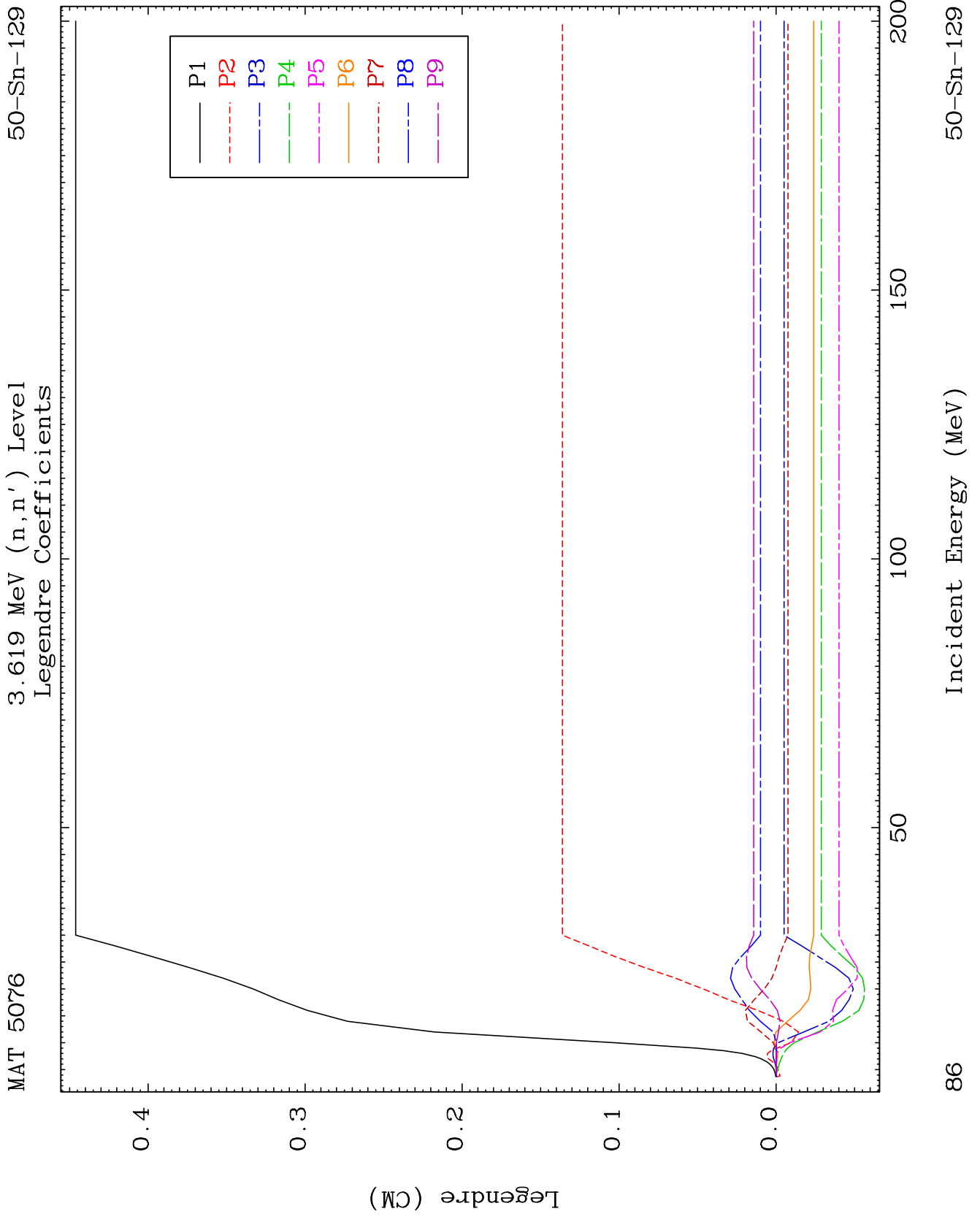








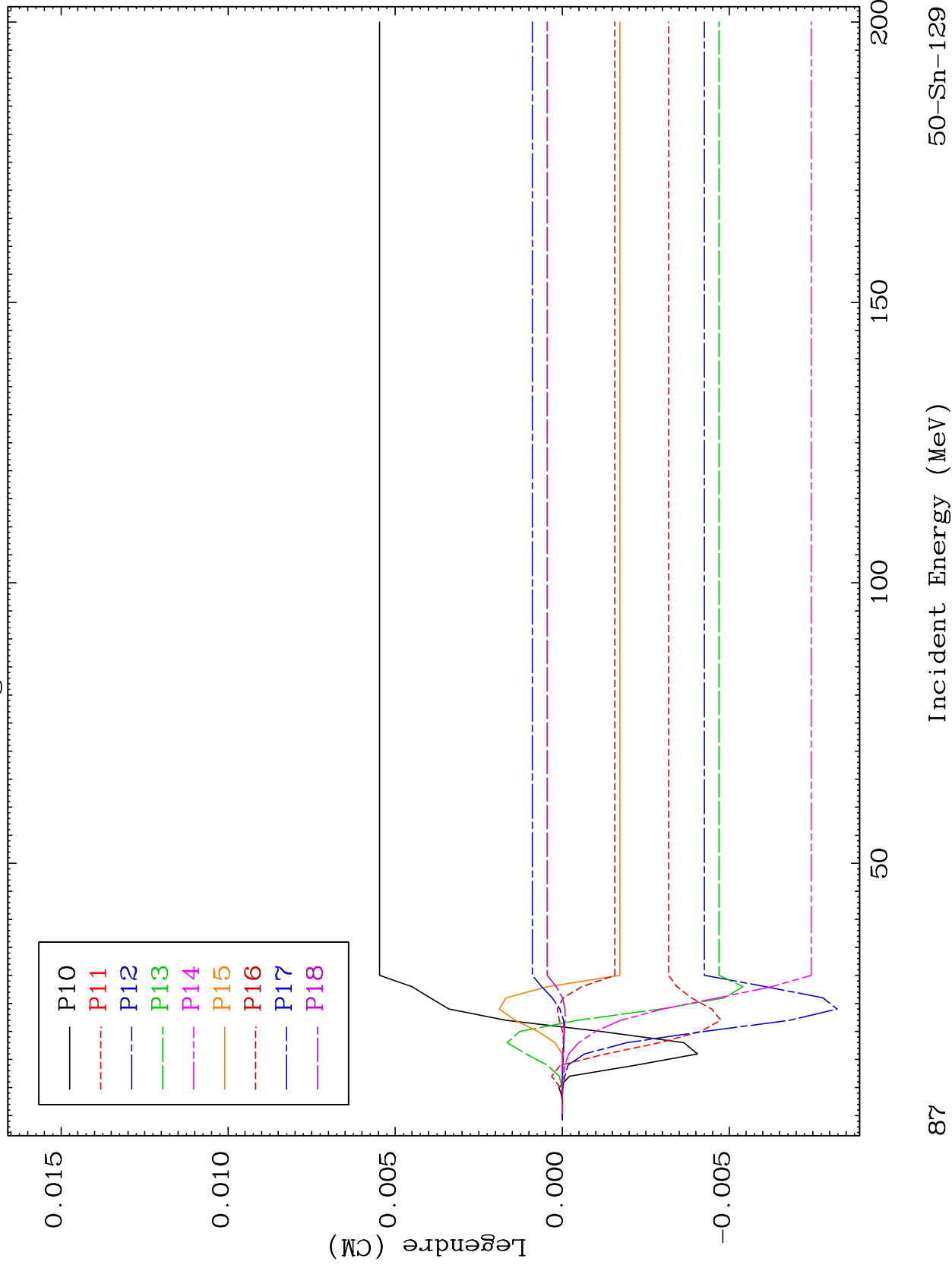


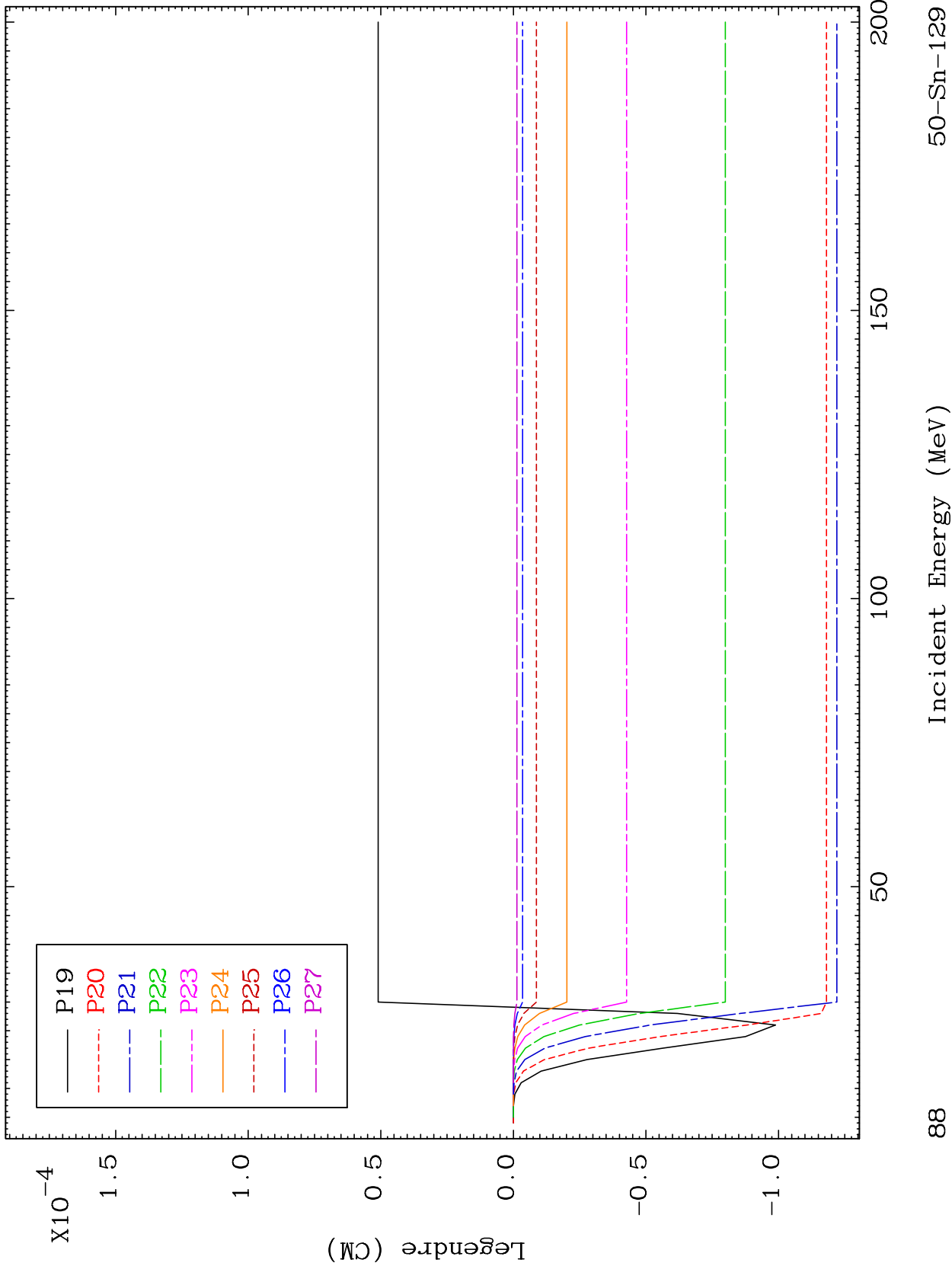


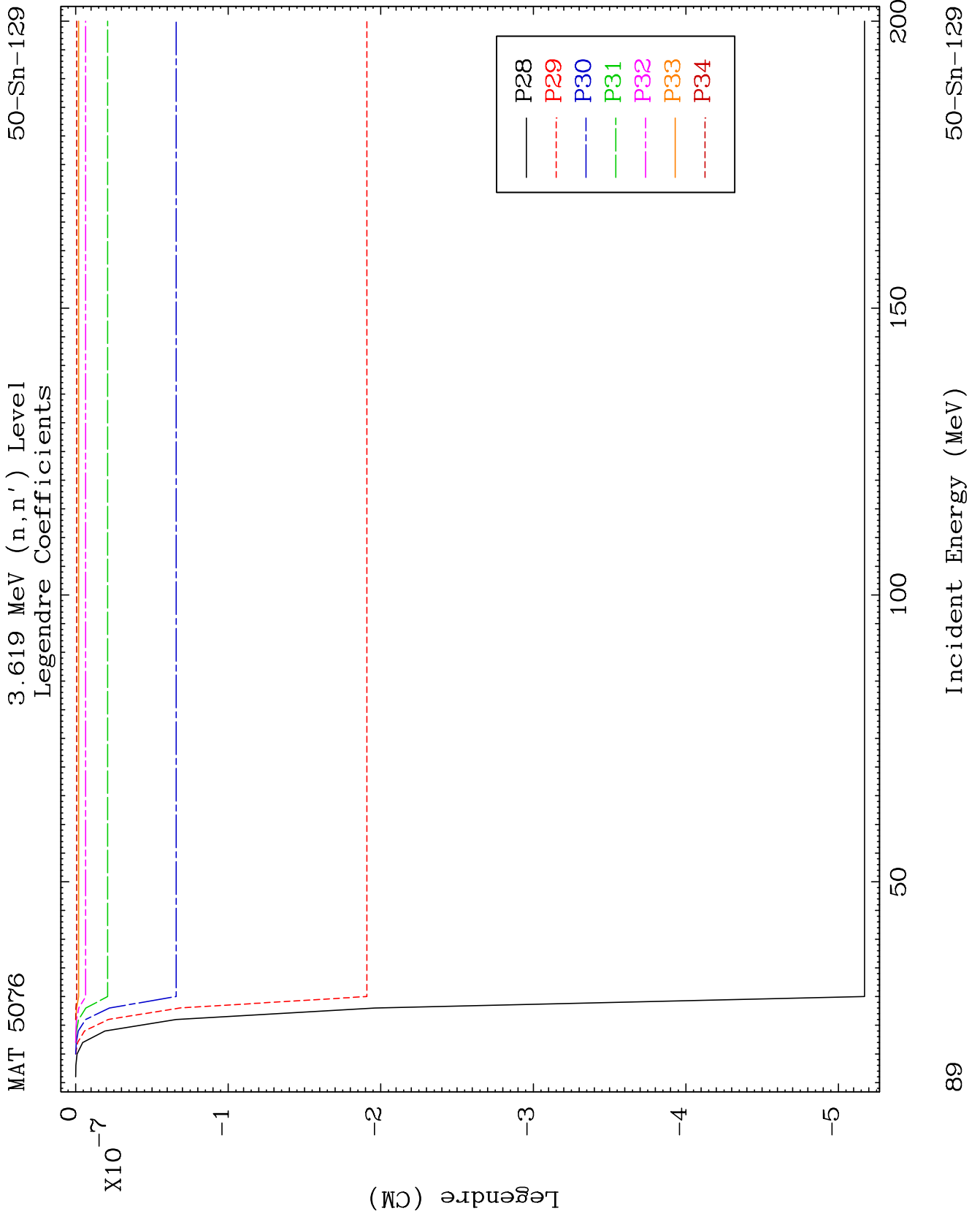
MAT 5076

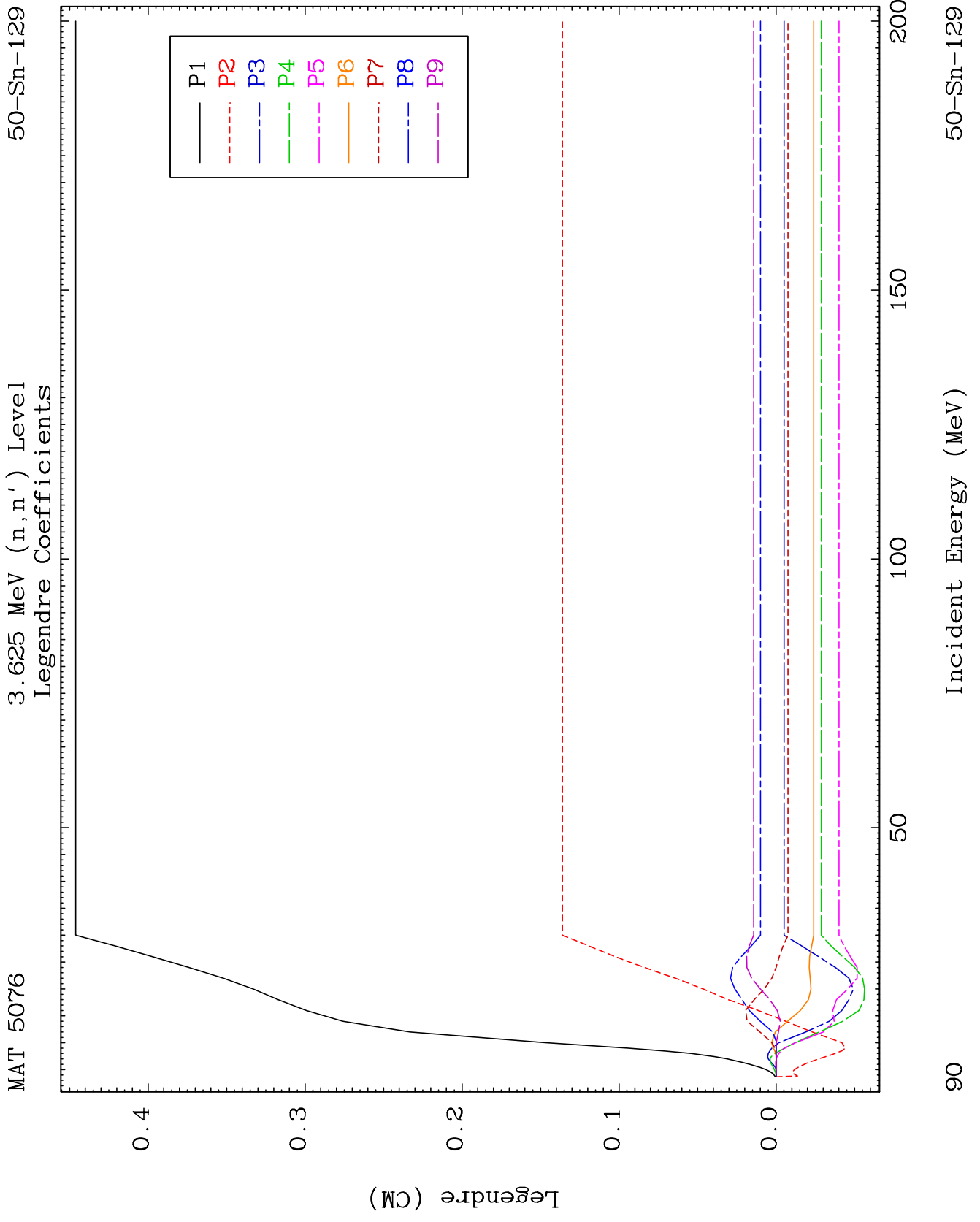
3.619 MeV (n,n') Level
Legendre Coefficients

50-Sn-129





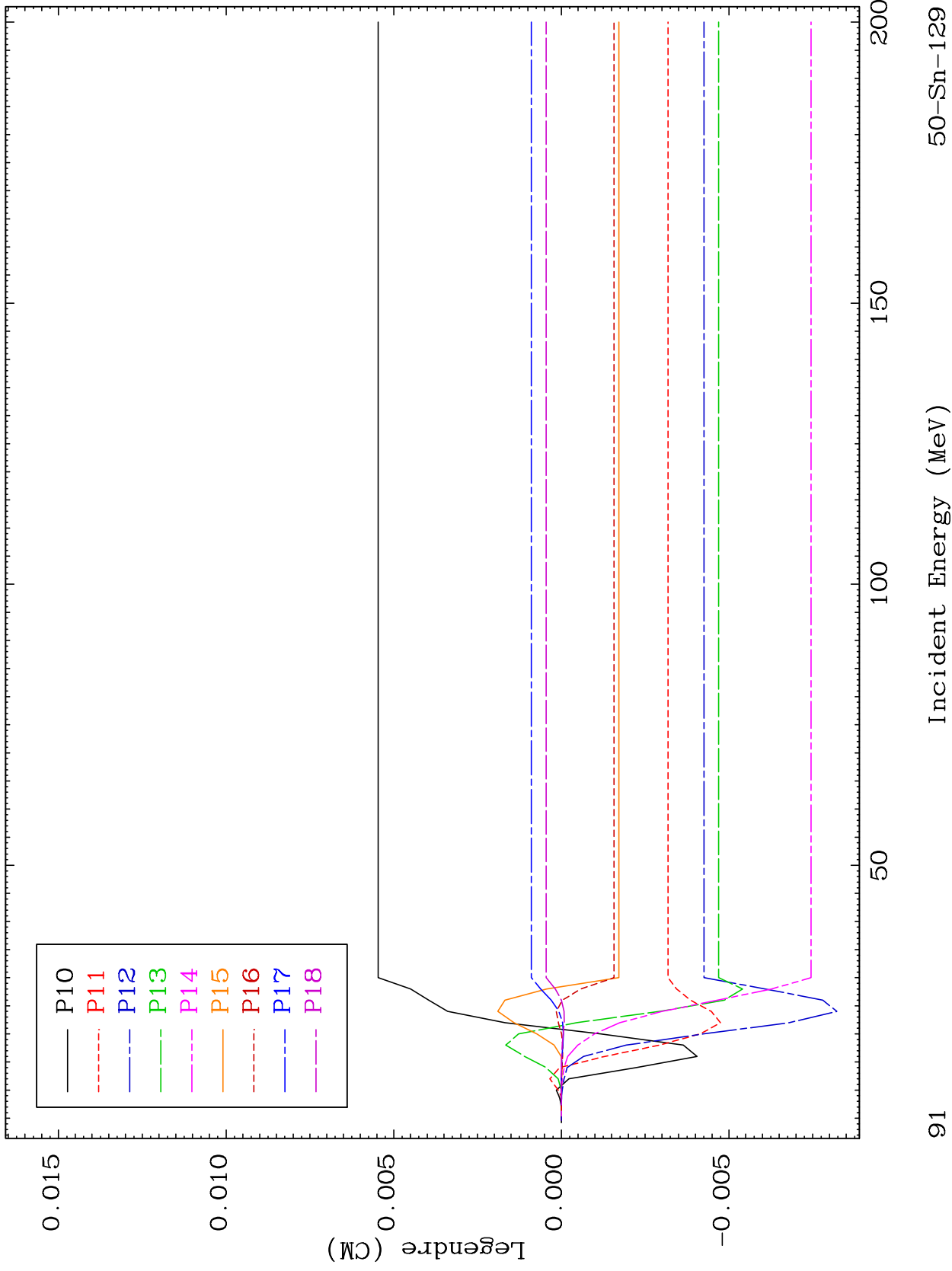




MAT 5076

3.625 MeV (n,n') Level
Legendre Coefficients

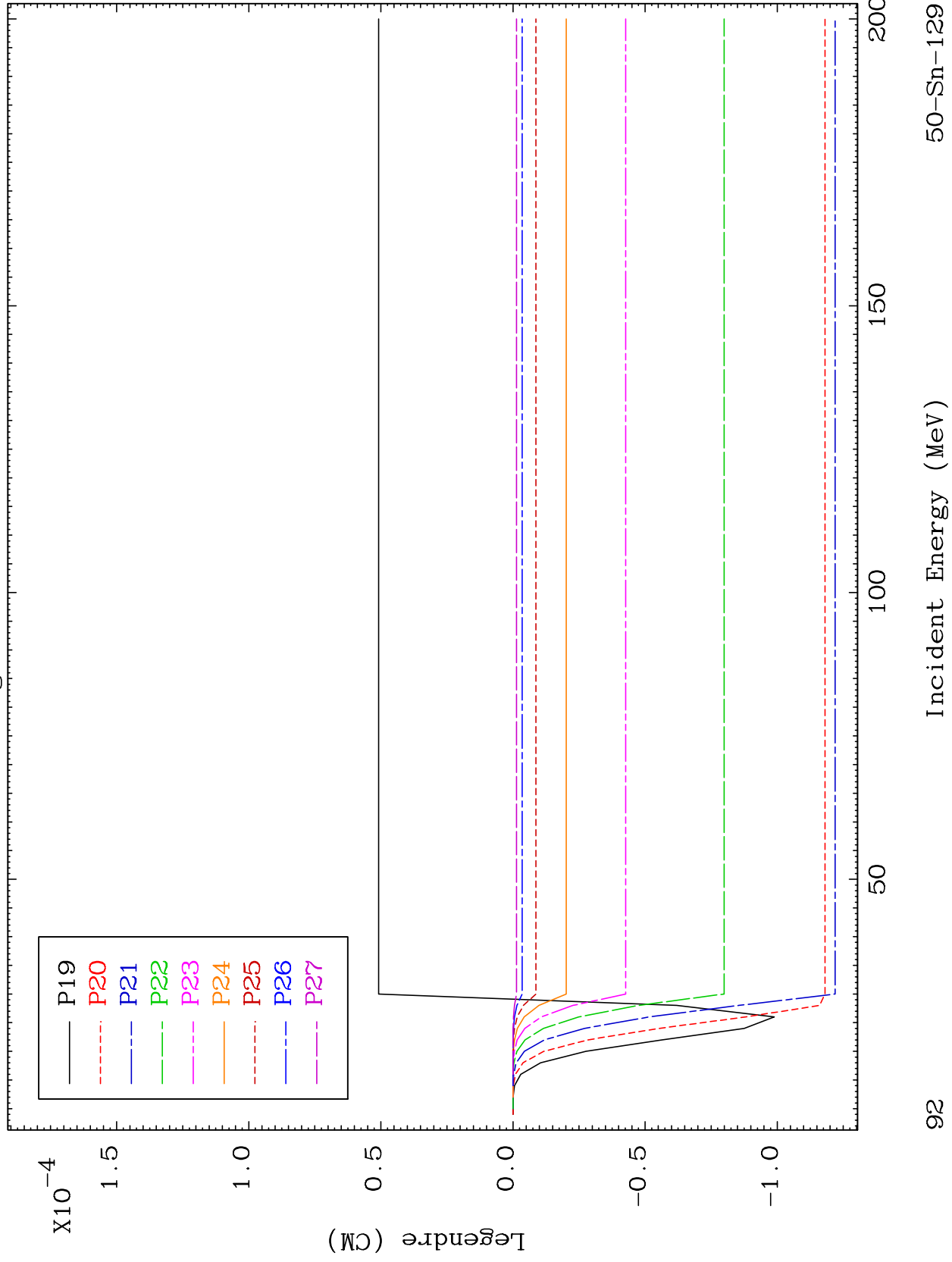
50-Sn-129

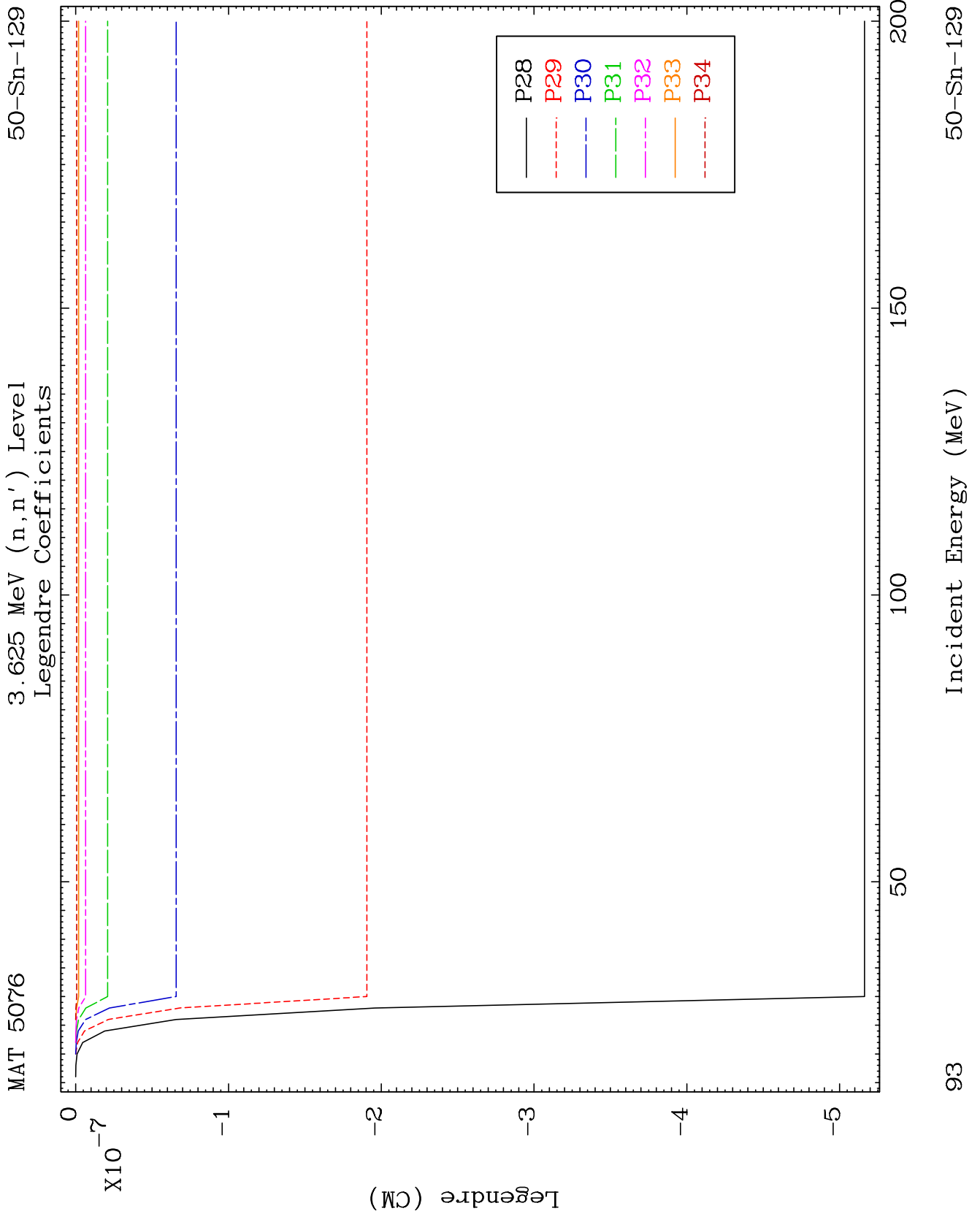


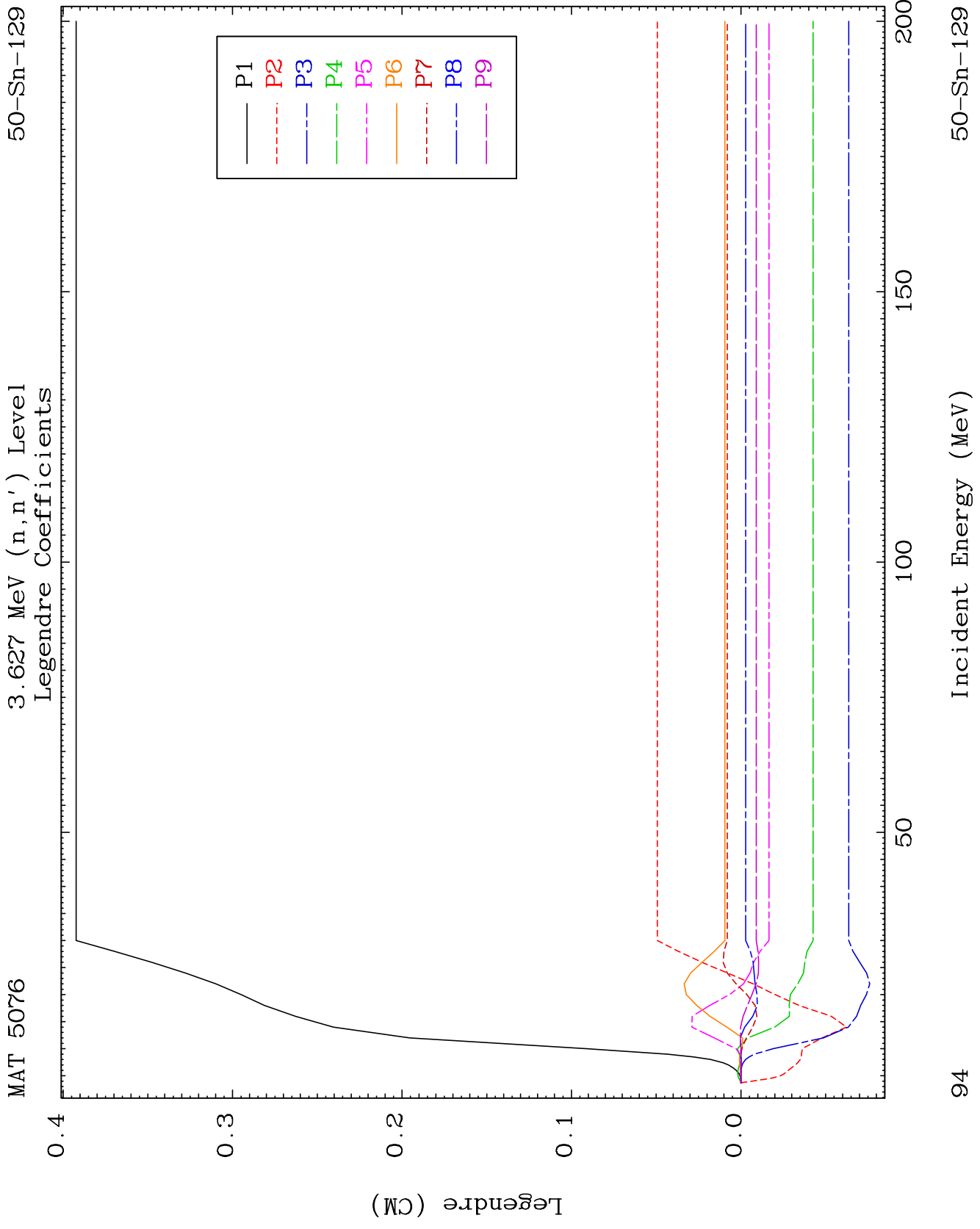
MAT 5076

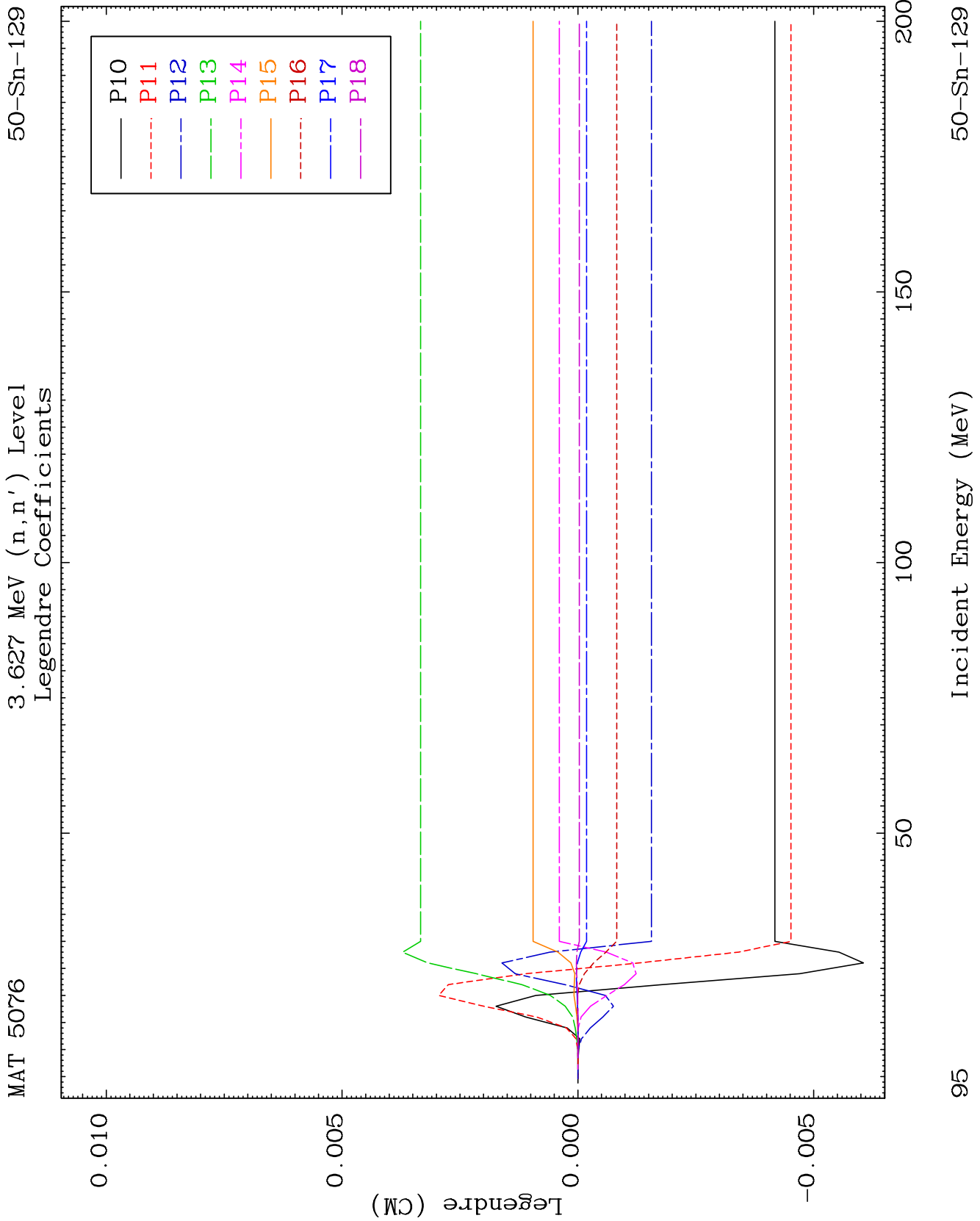
3.625 MeV (n,n') Level
Legendre Coefficients

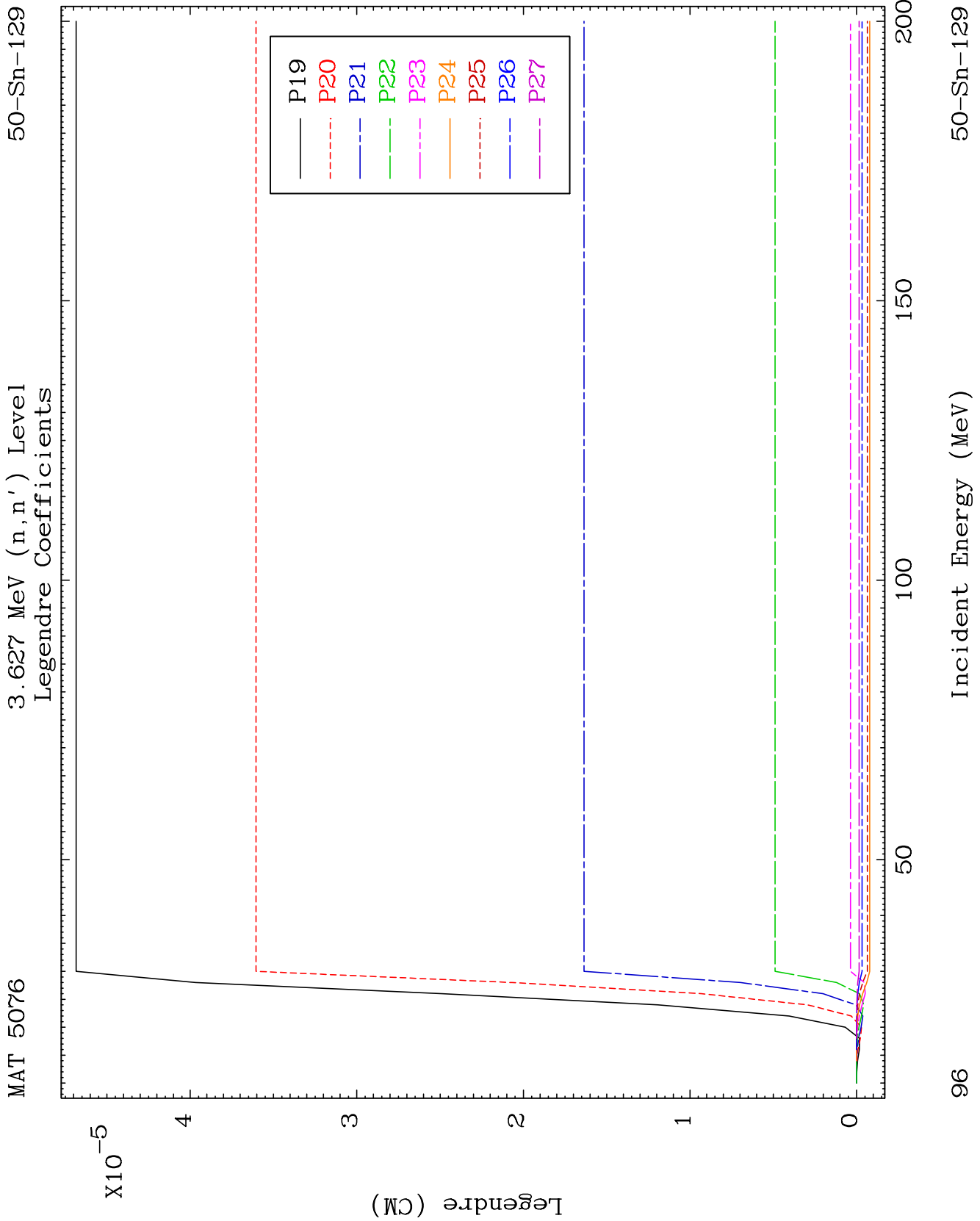
50-Sn-129

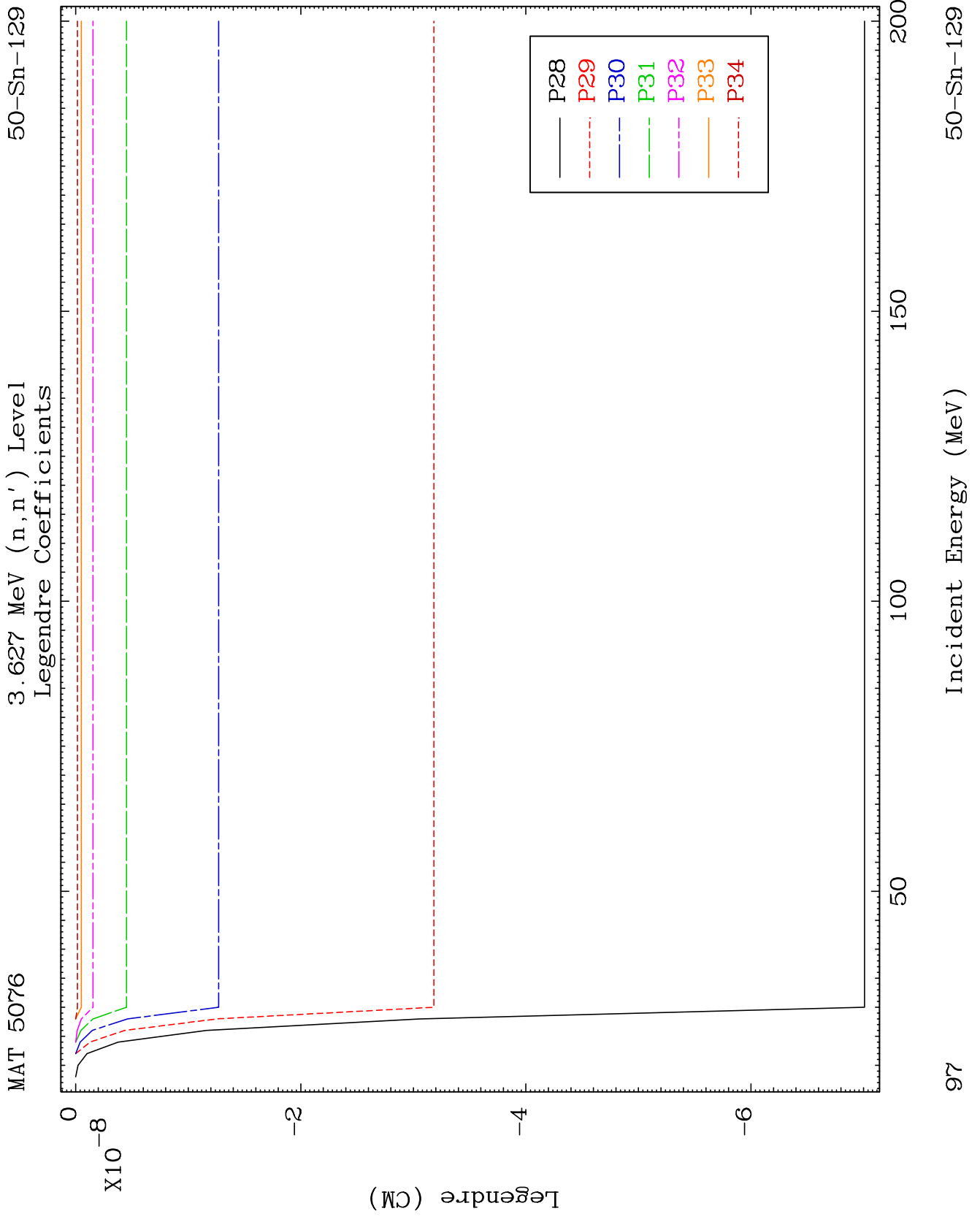


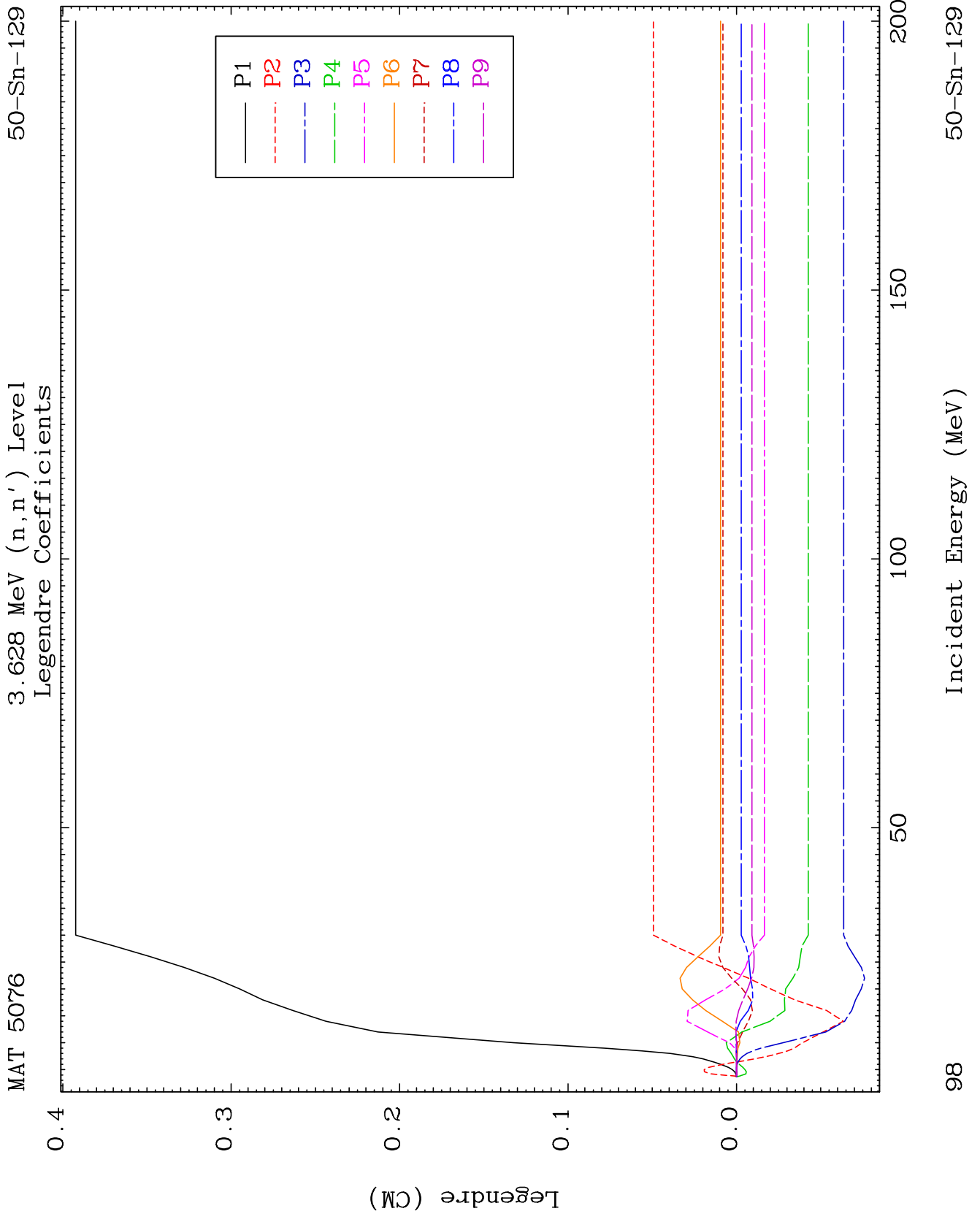


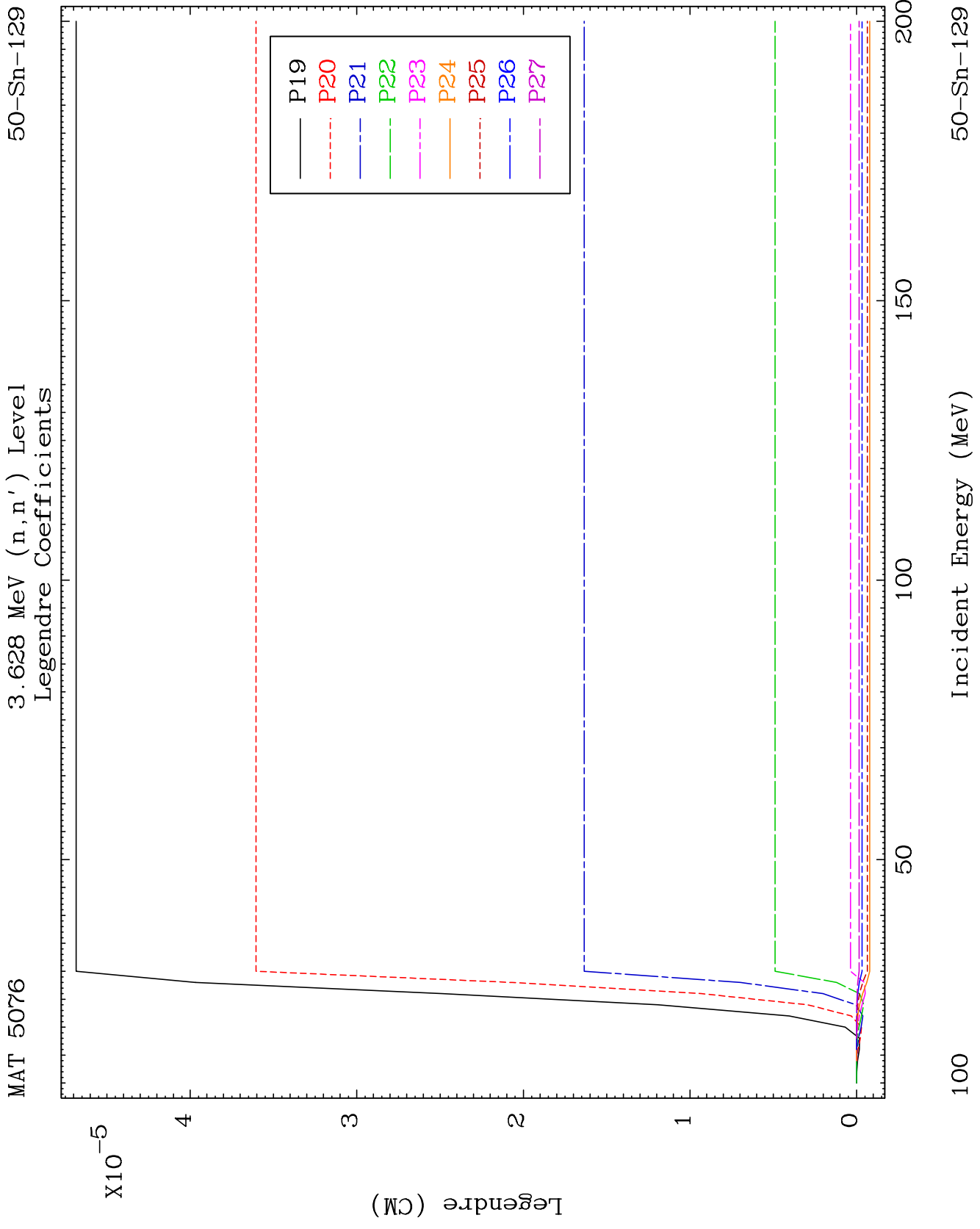


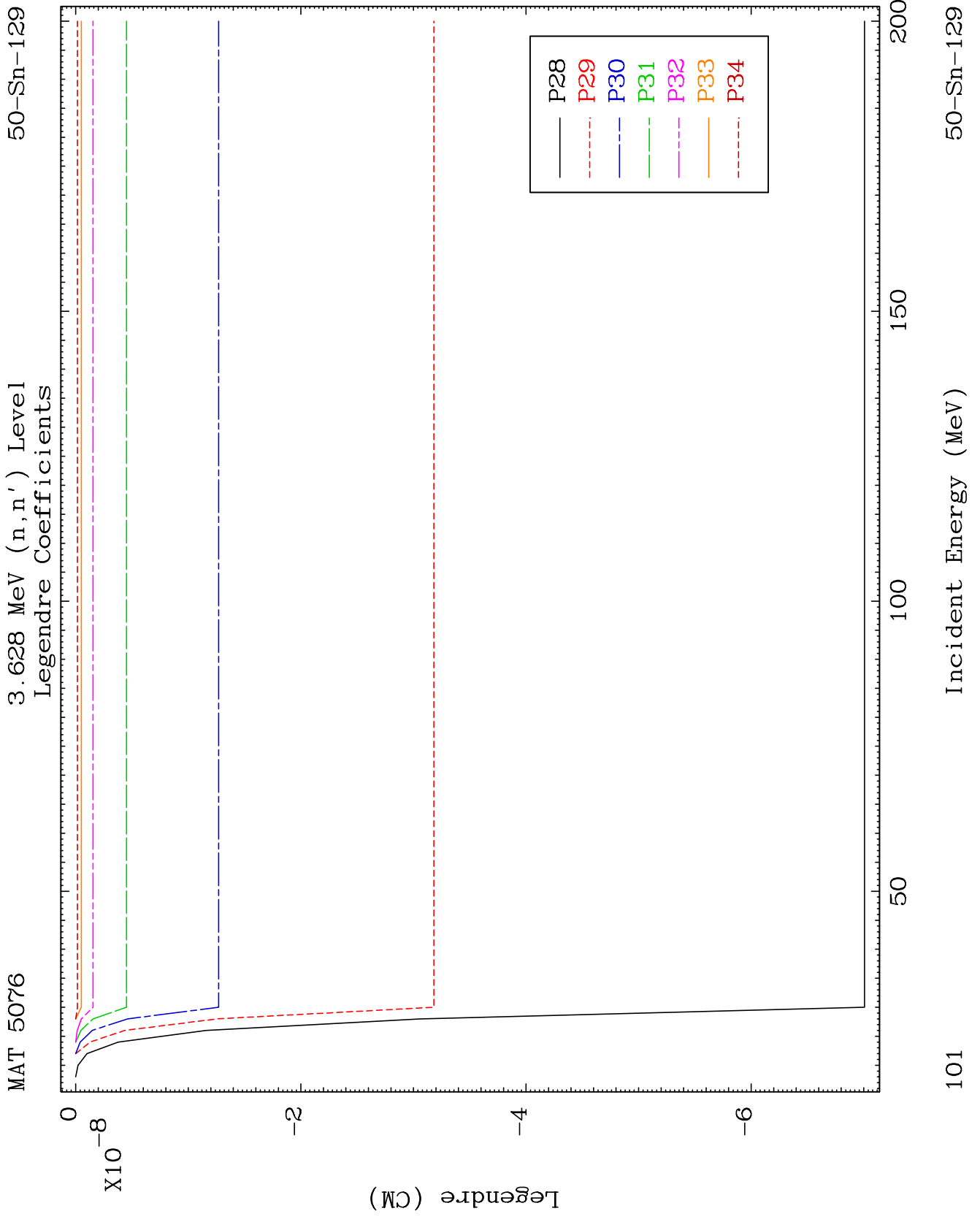


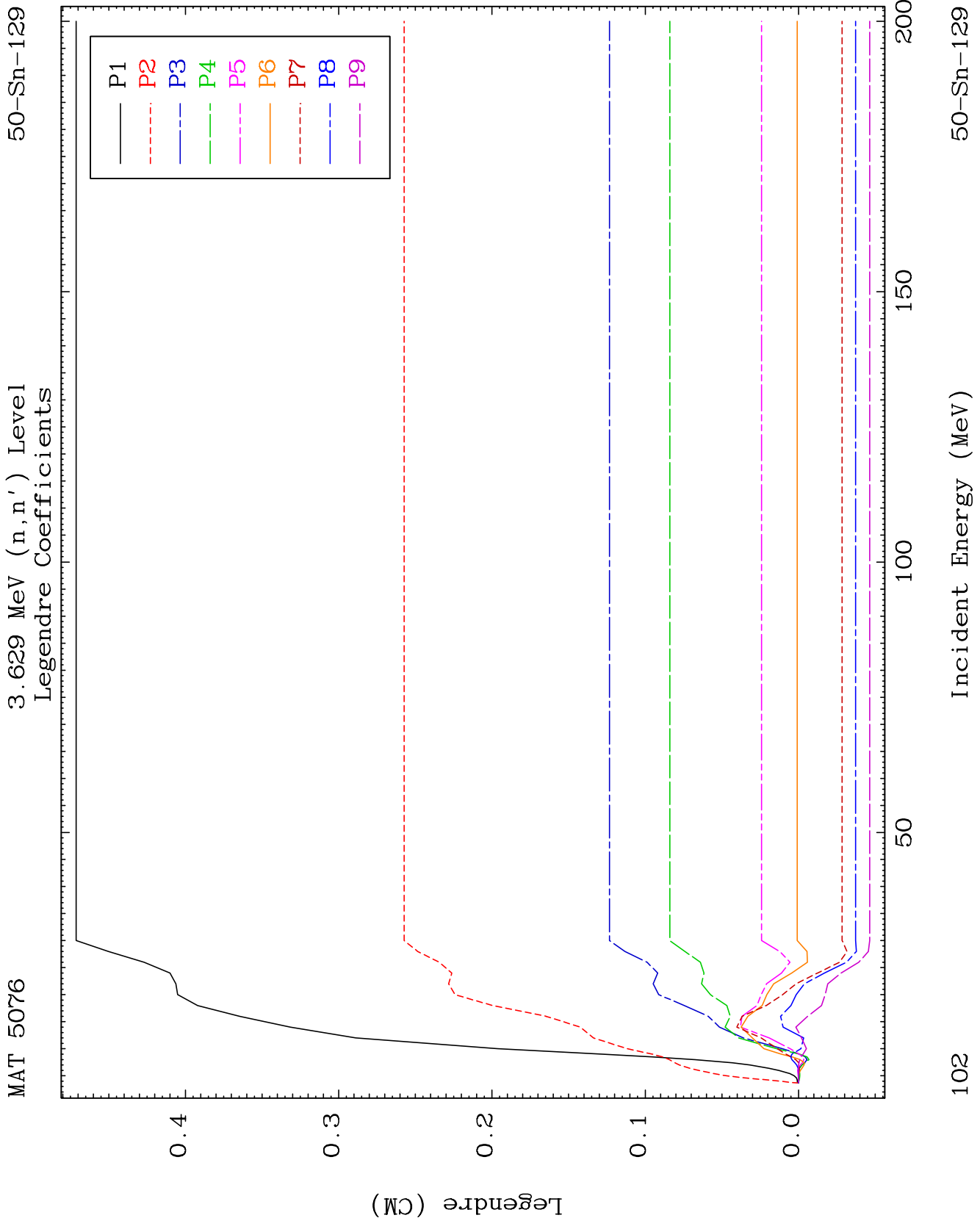


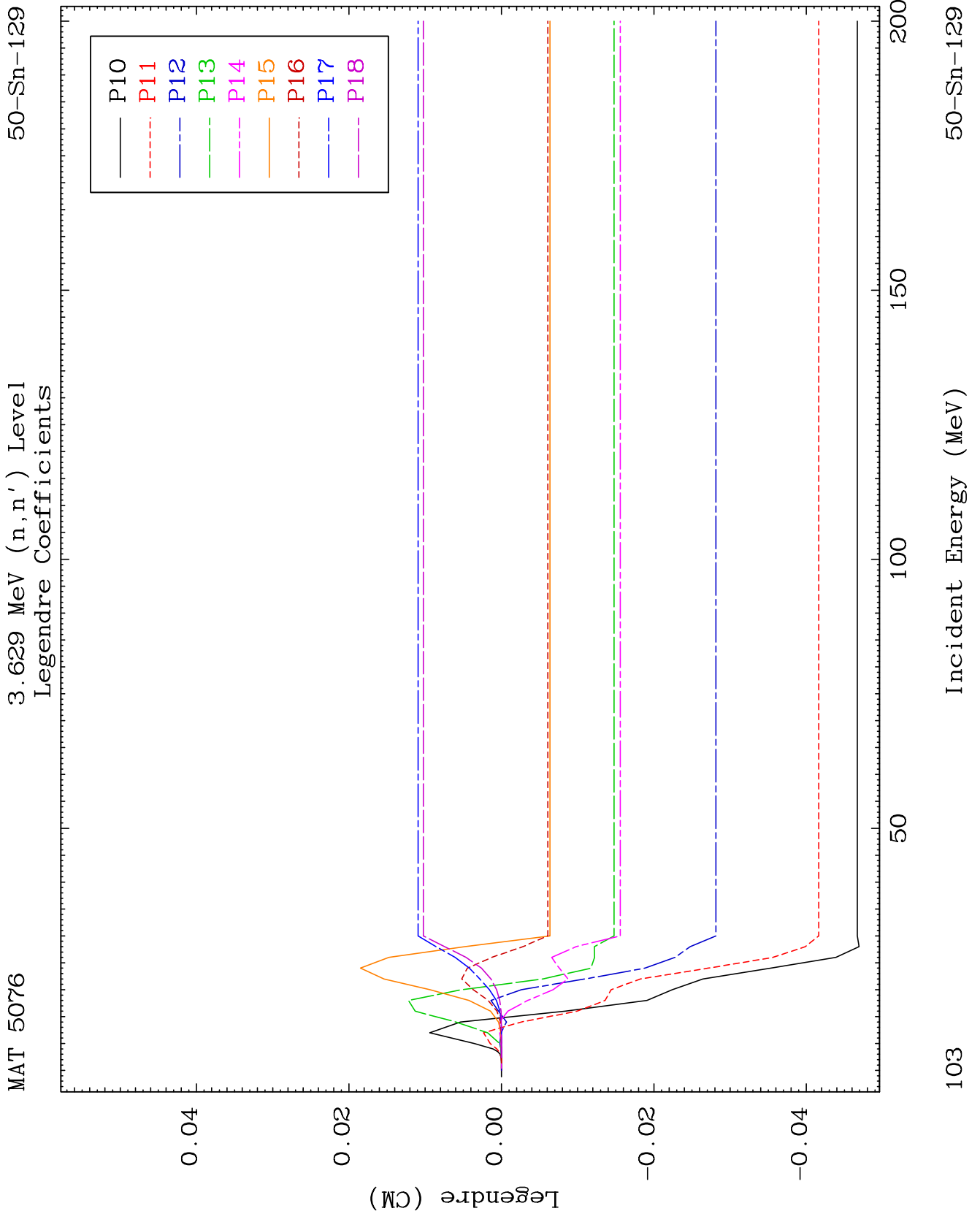


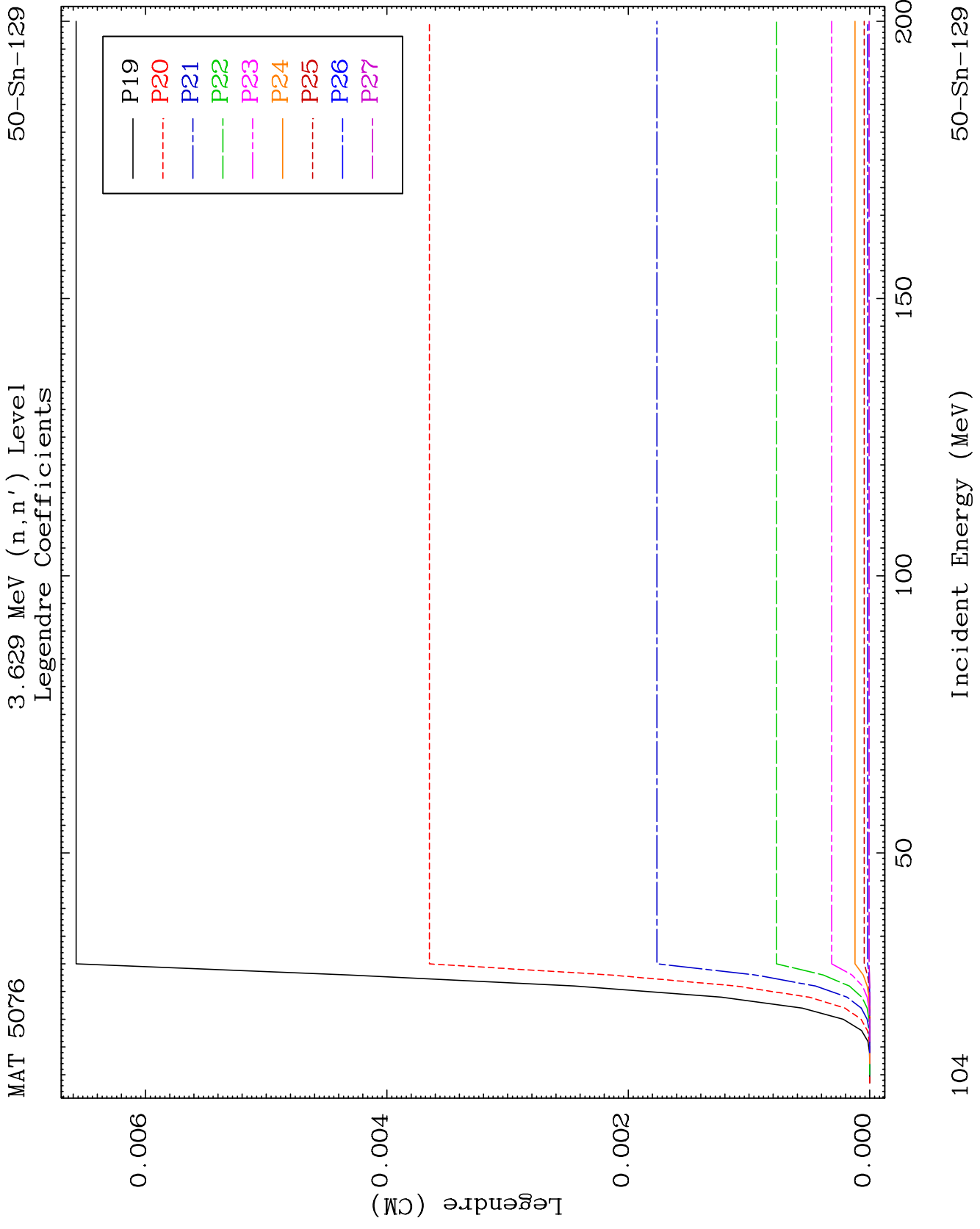


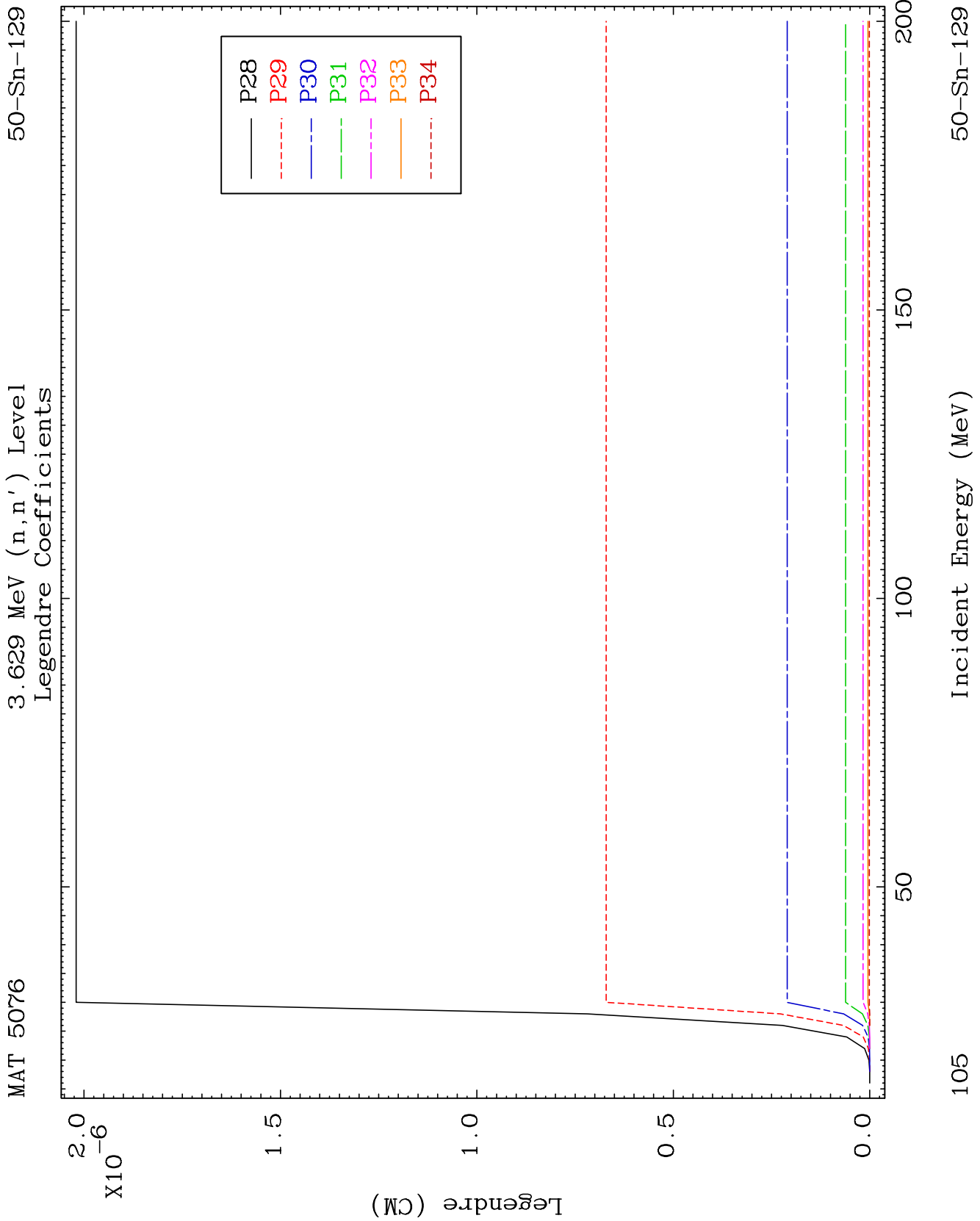


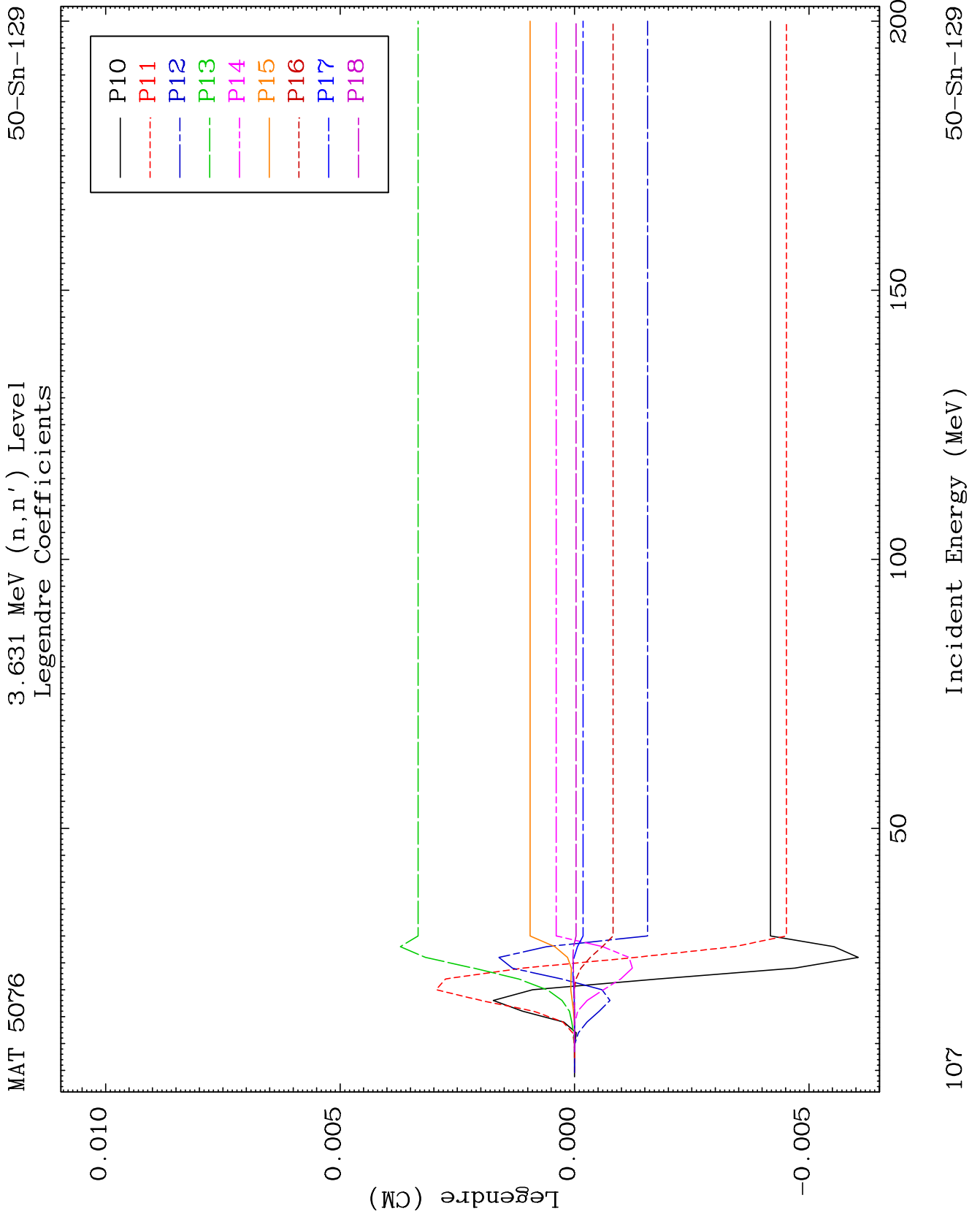


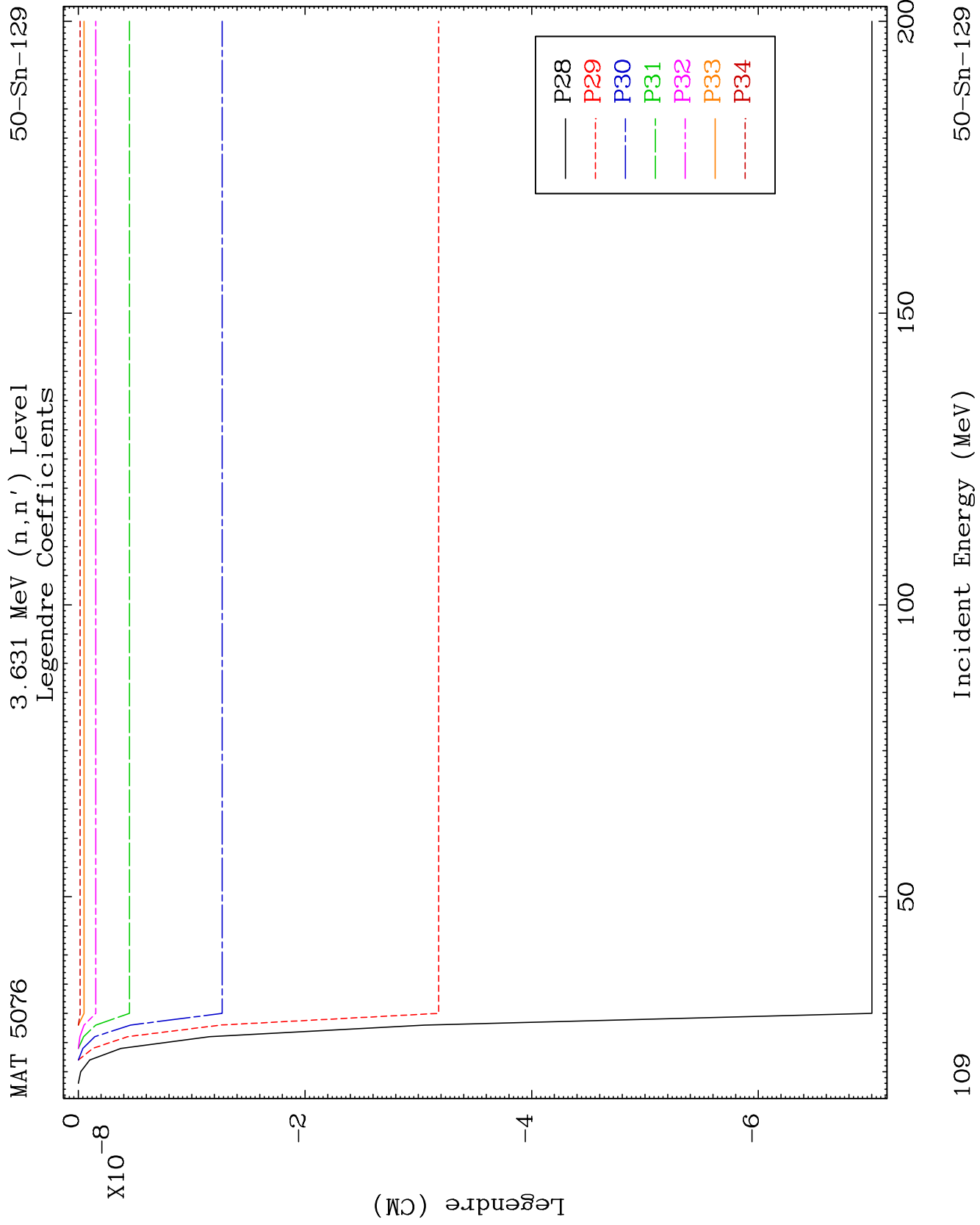


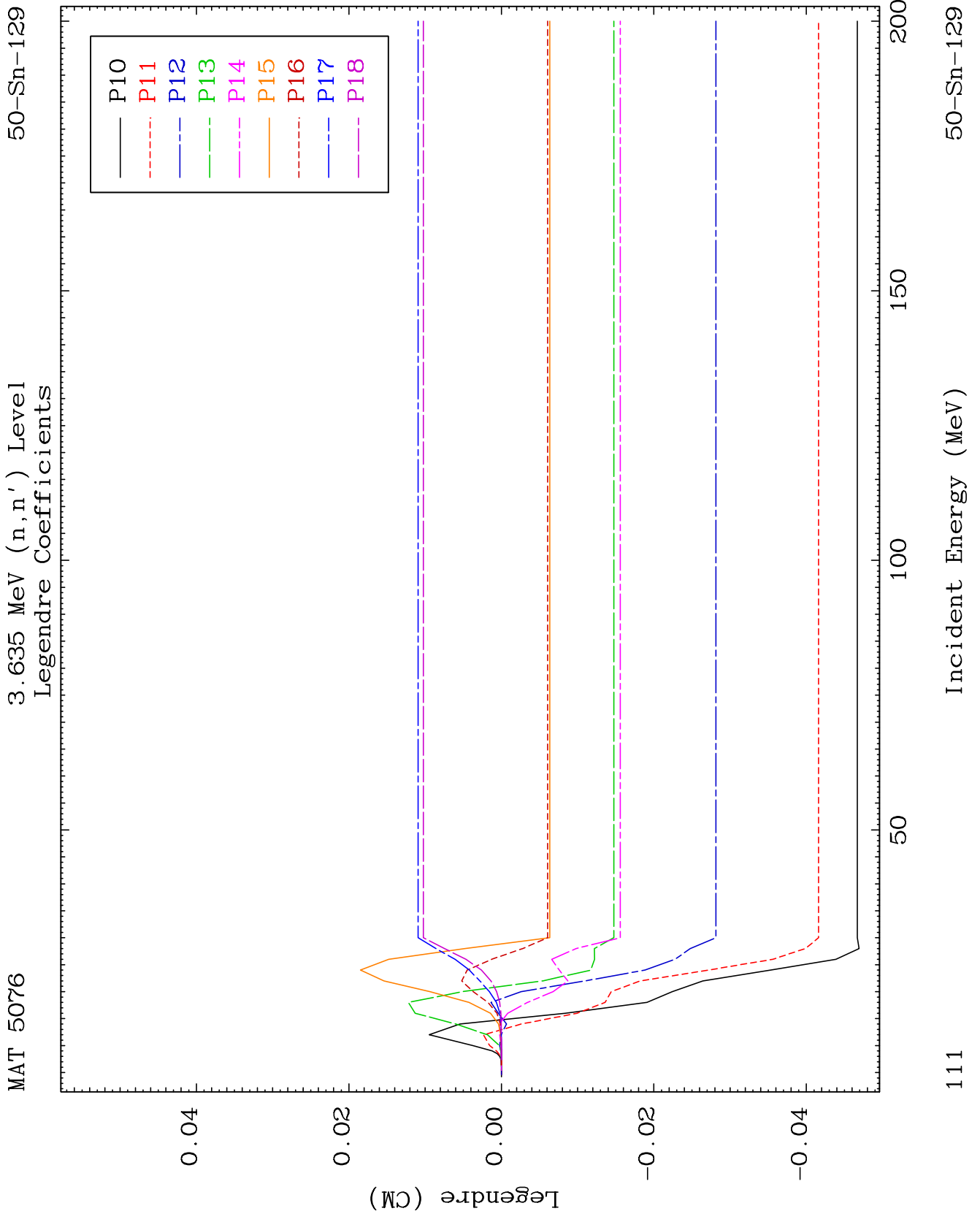


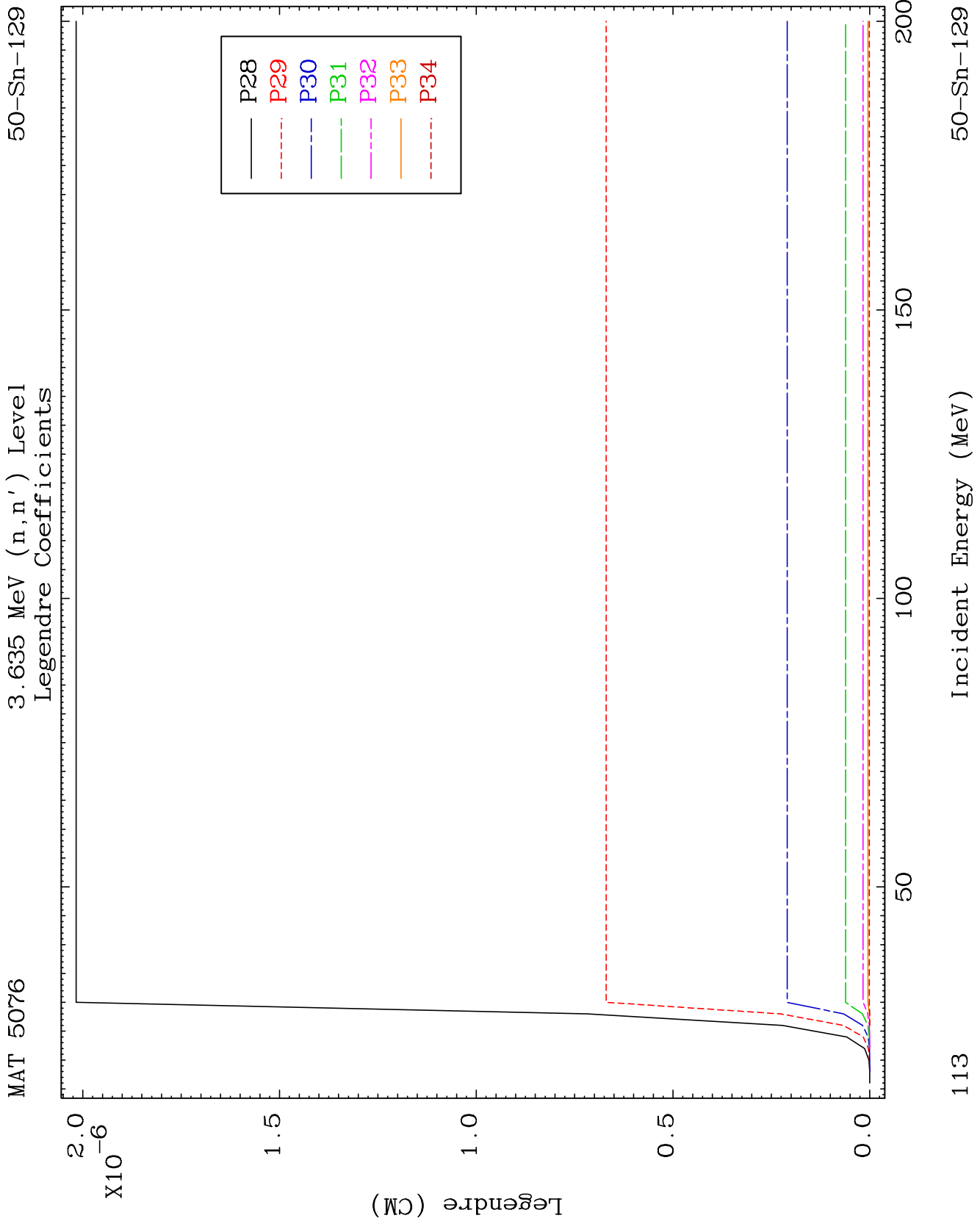


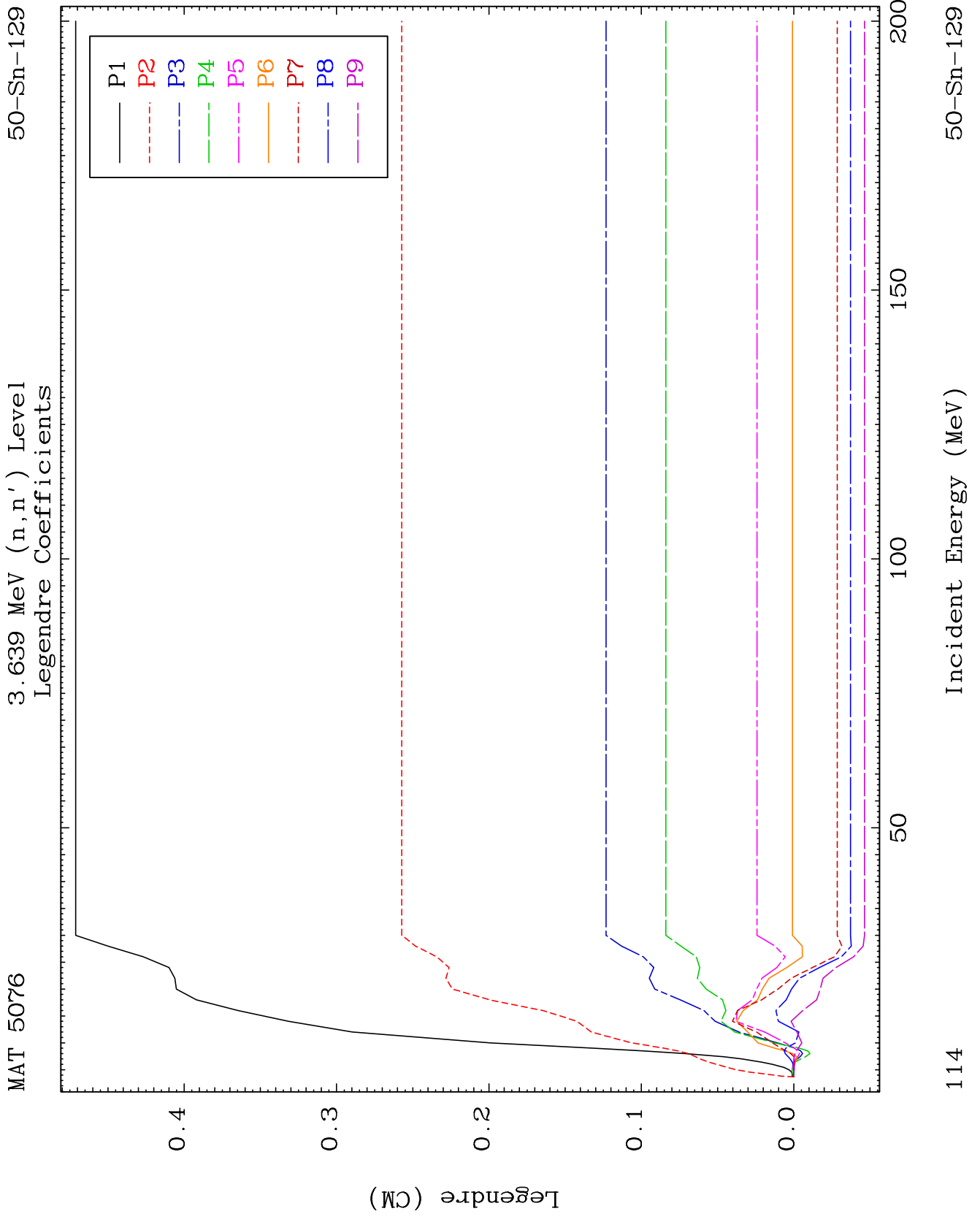


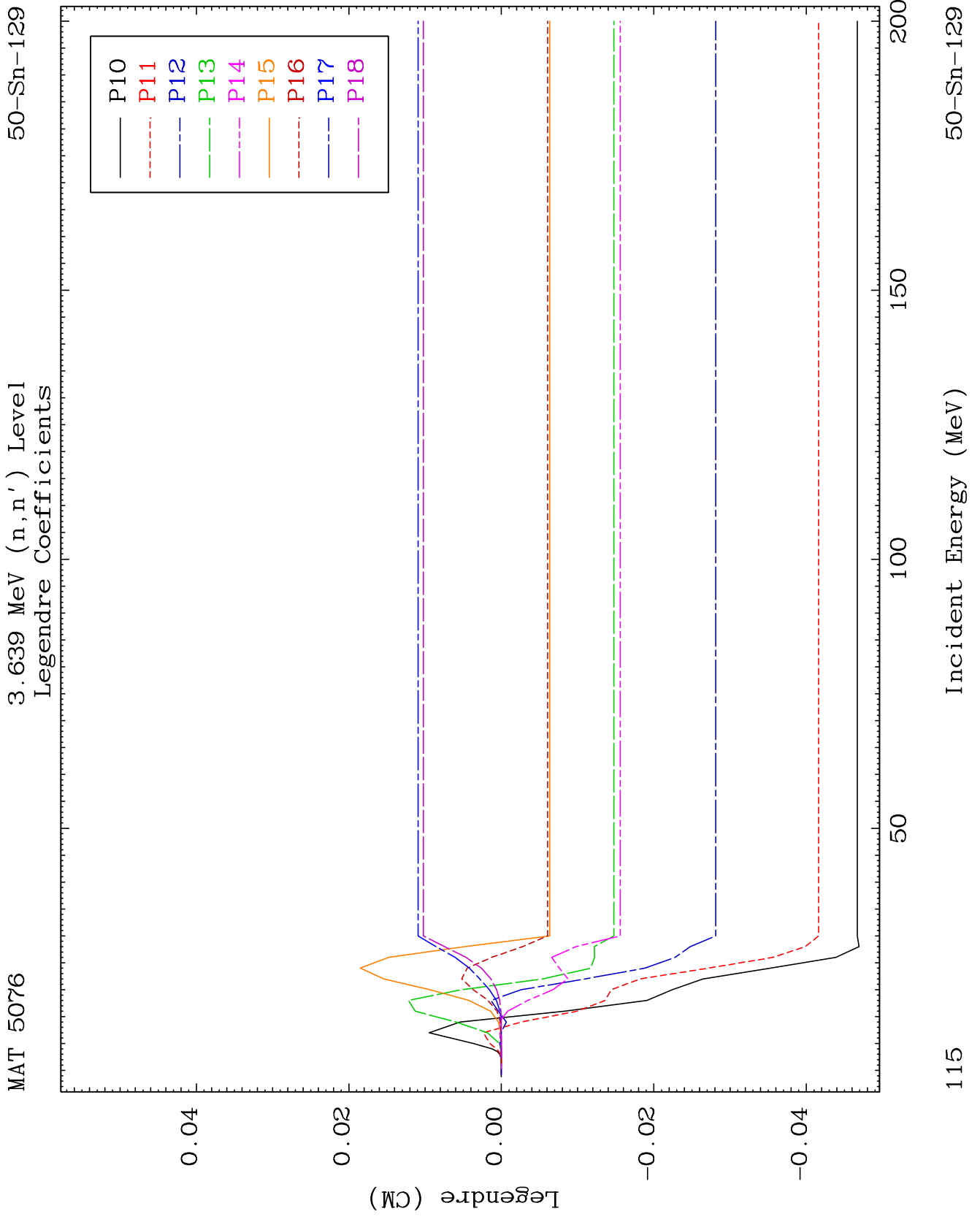


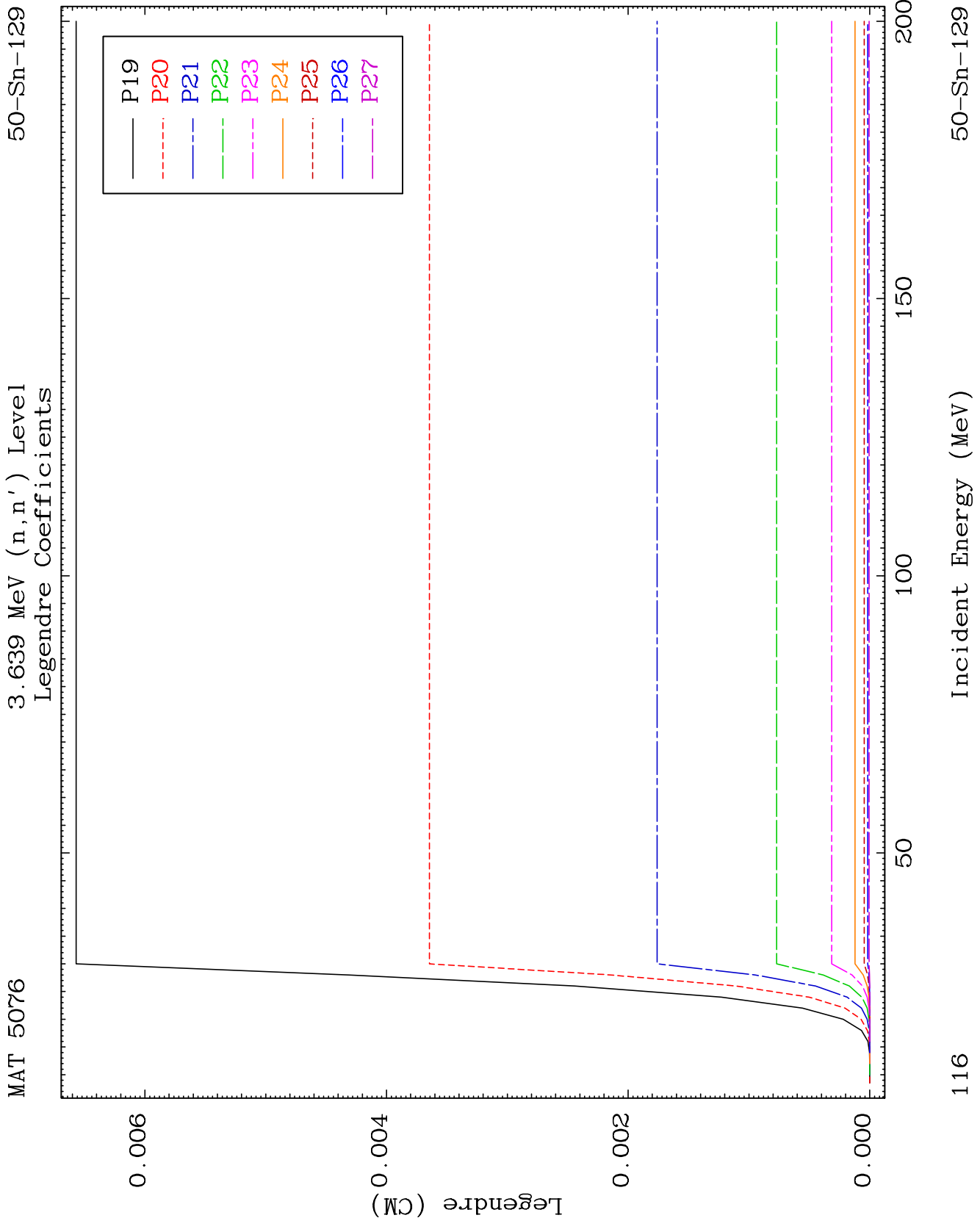


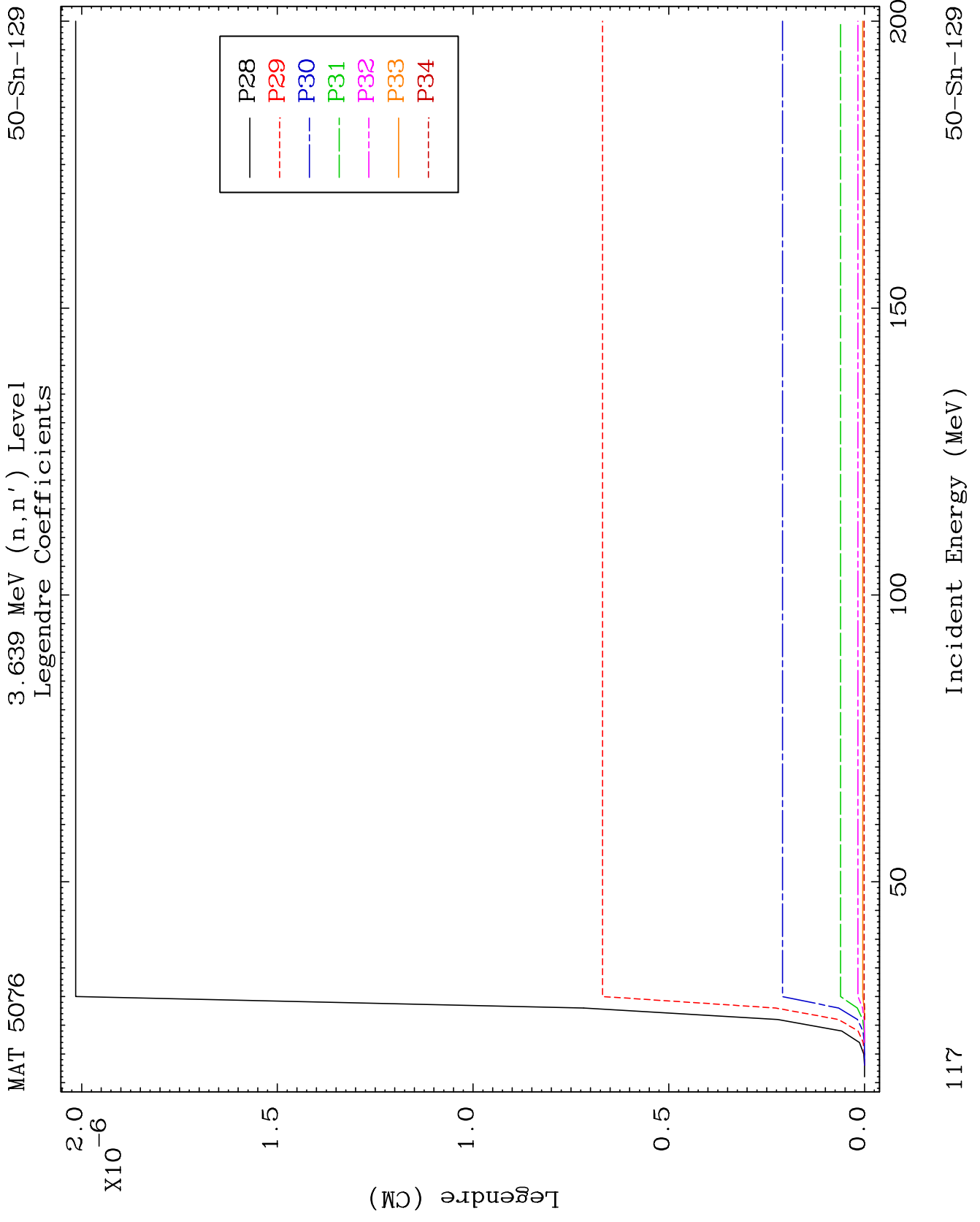


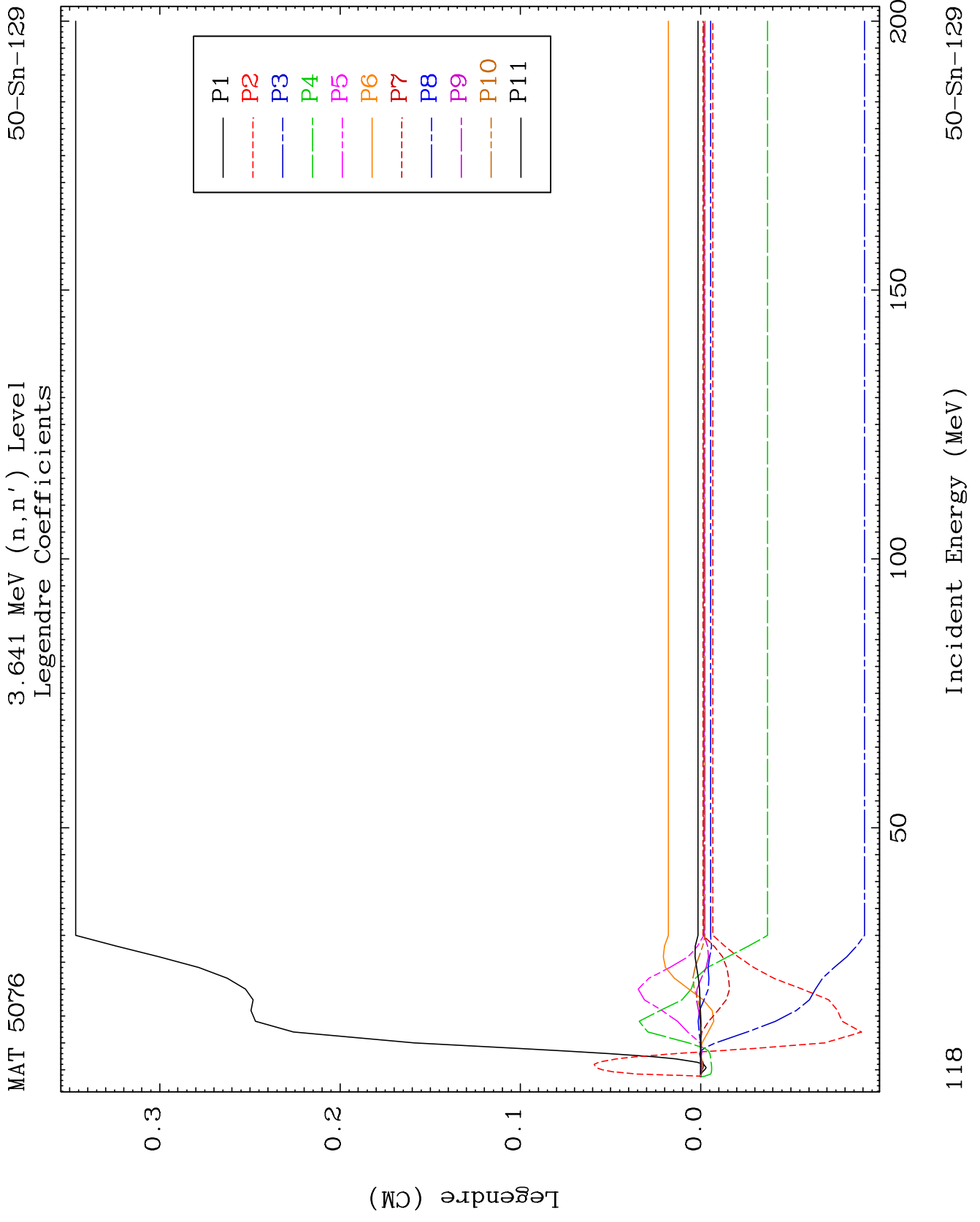








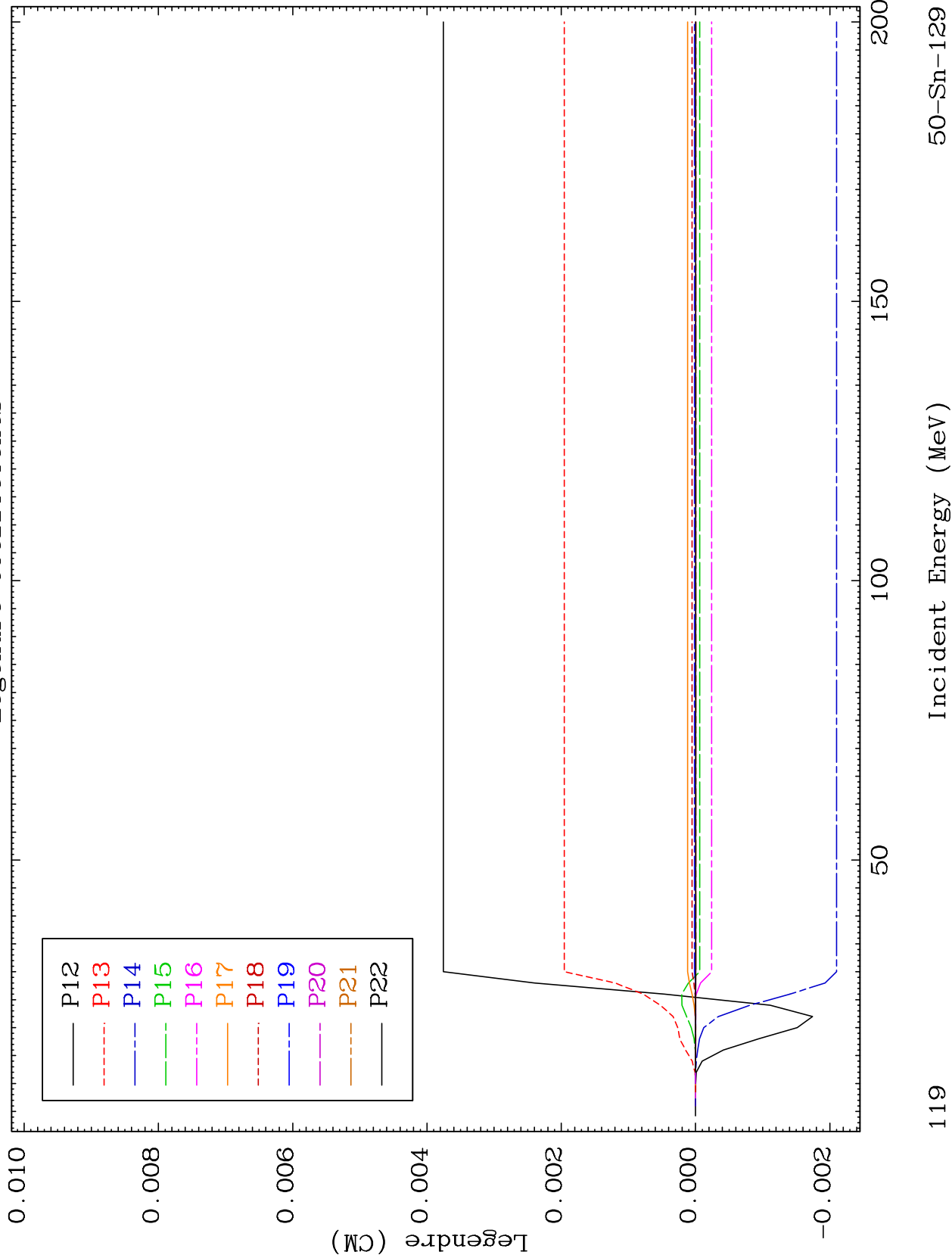




MAT 5076

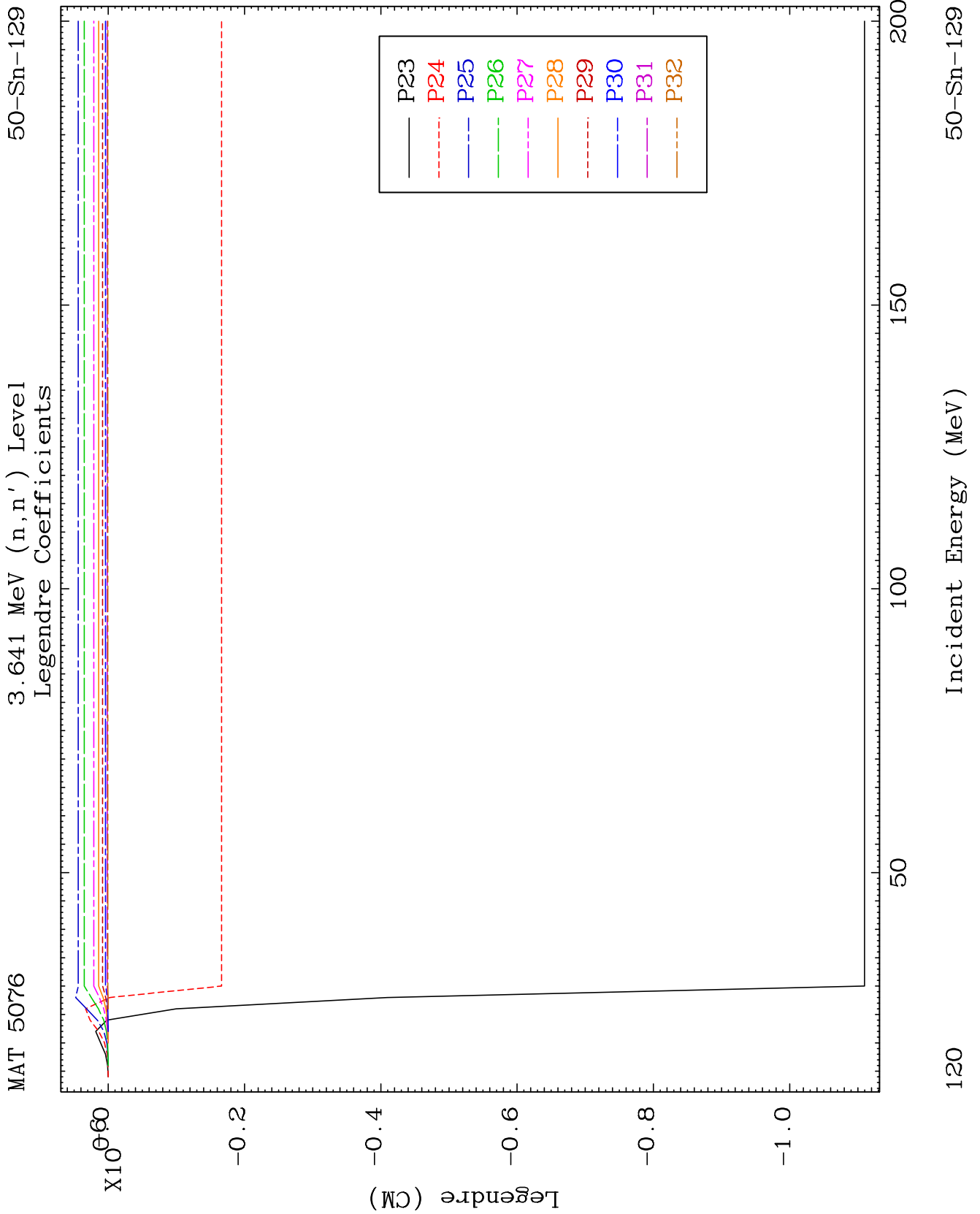
3.641 MeV (n,n') Level
Legendre Coefficients

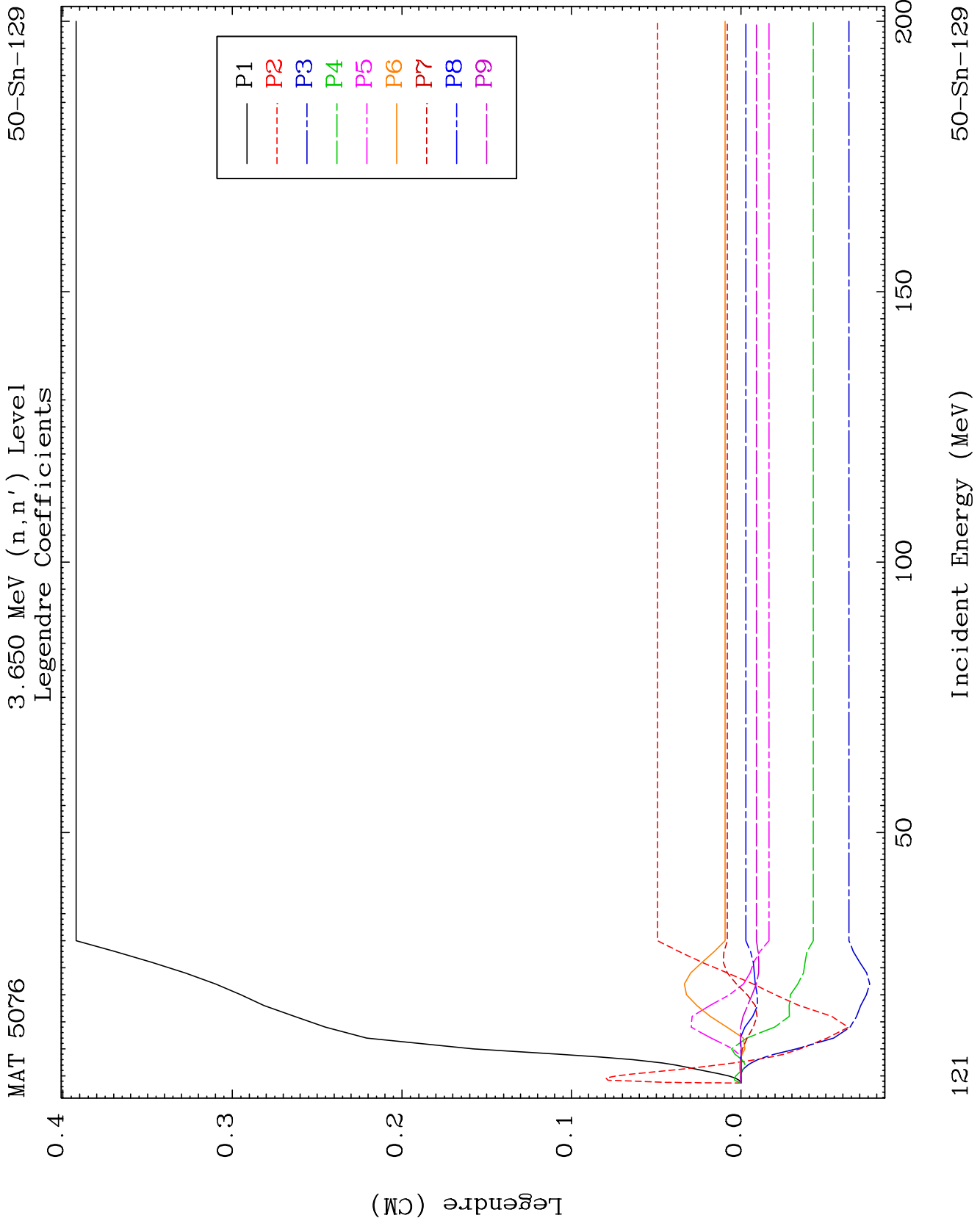
50-Sn-129

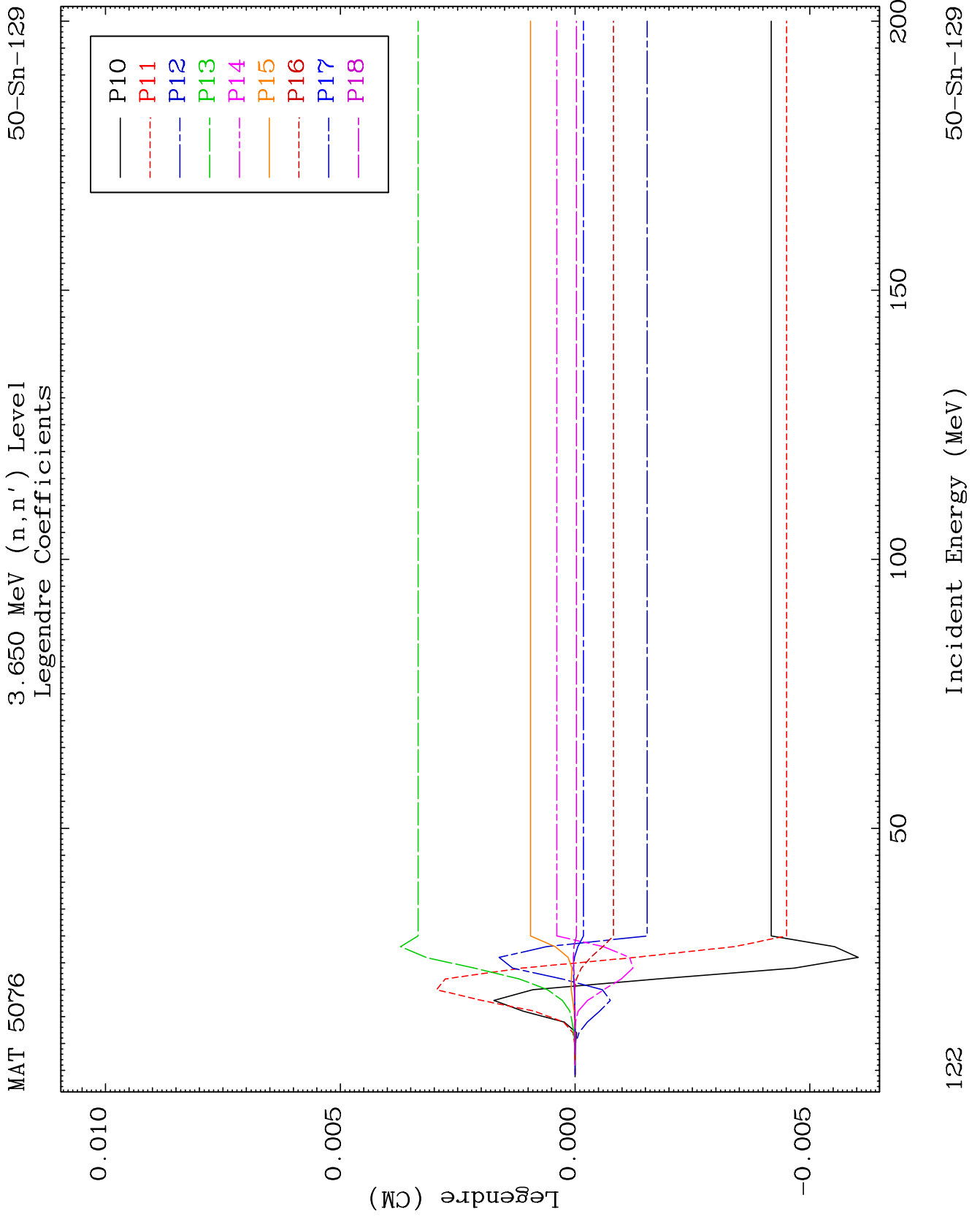


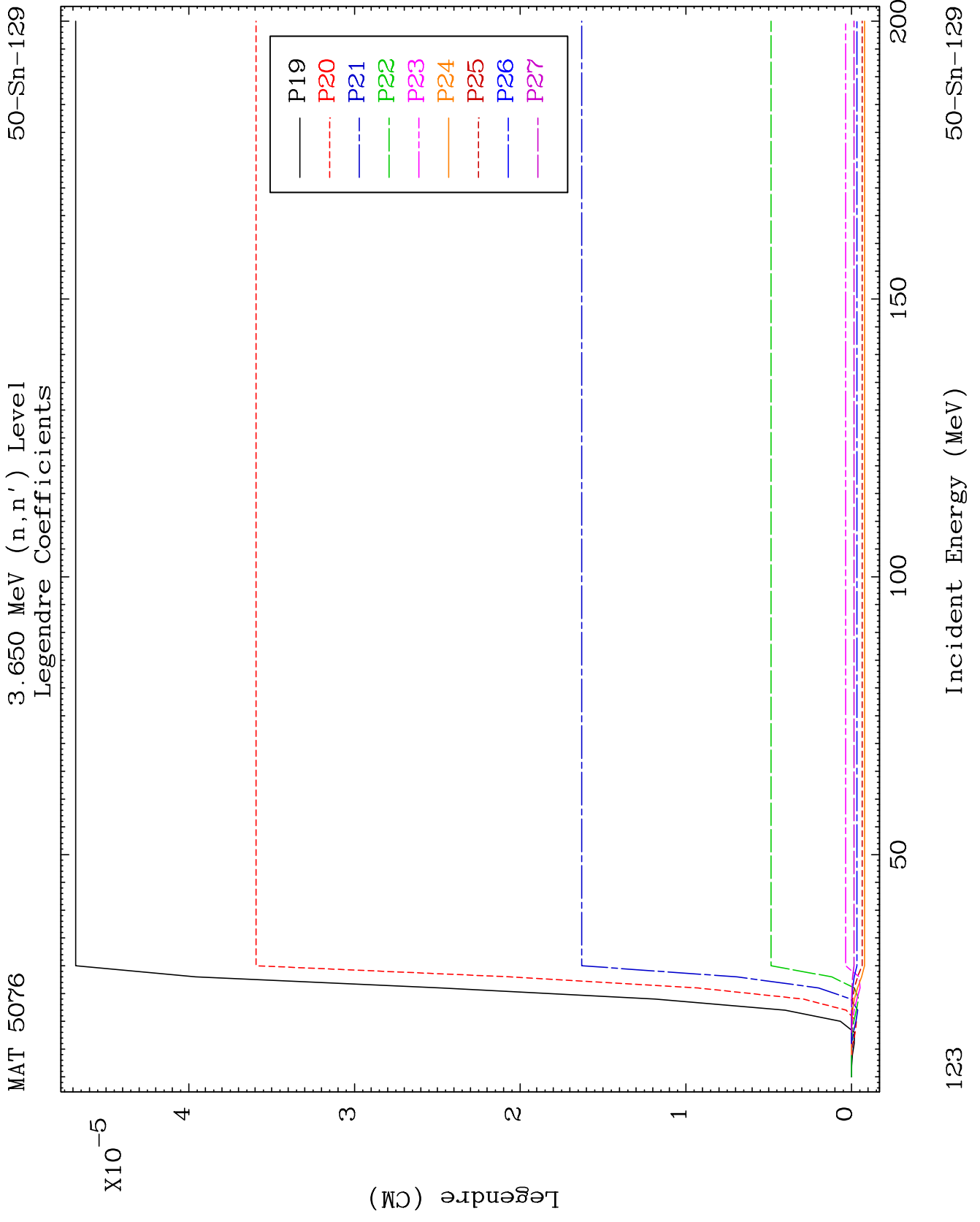
119

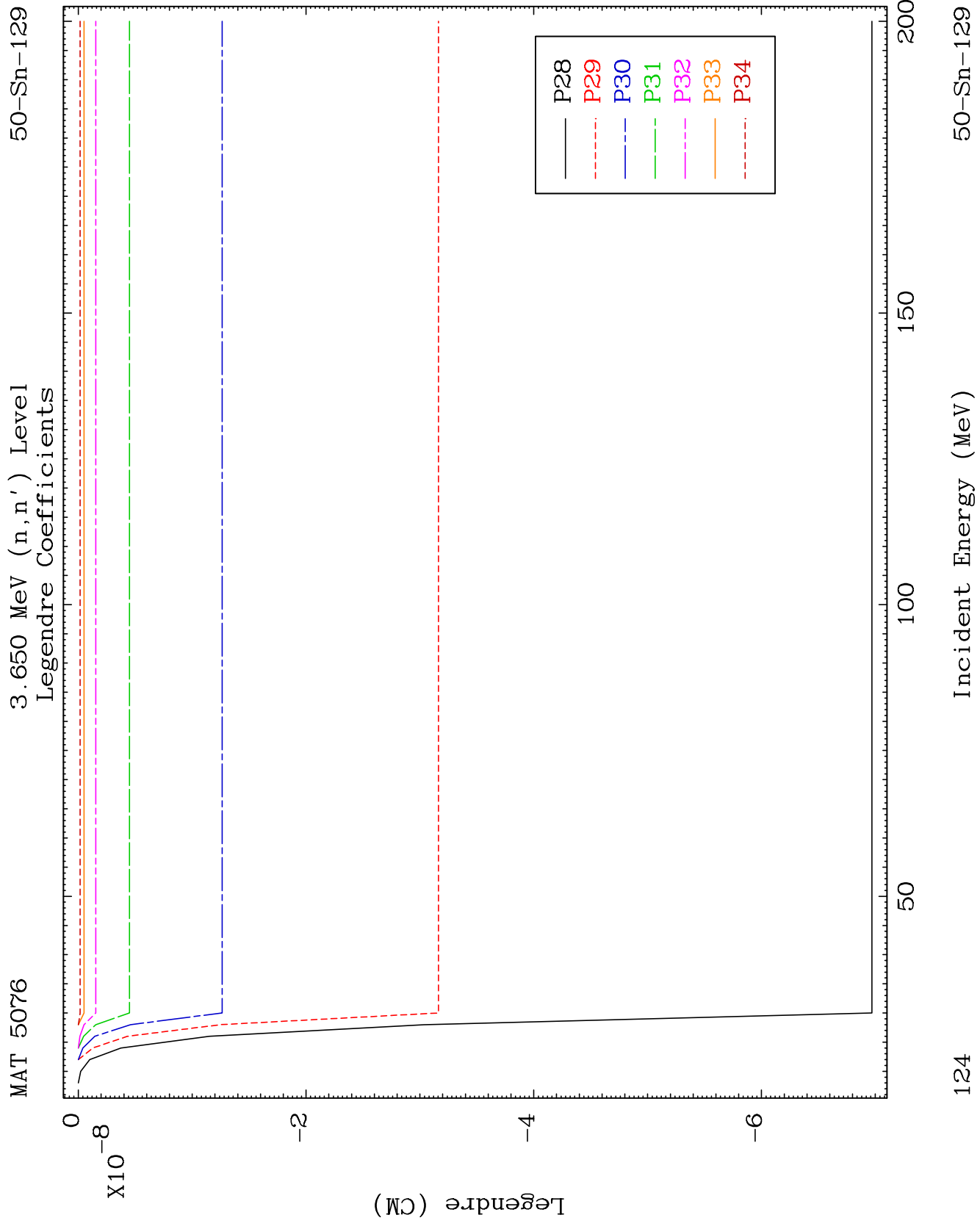
50-Sn-129







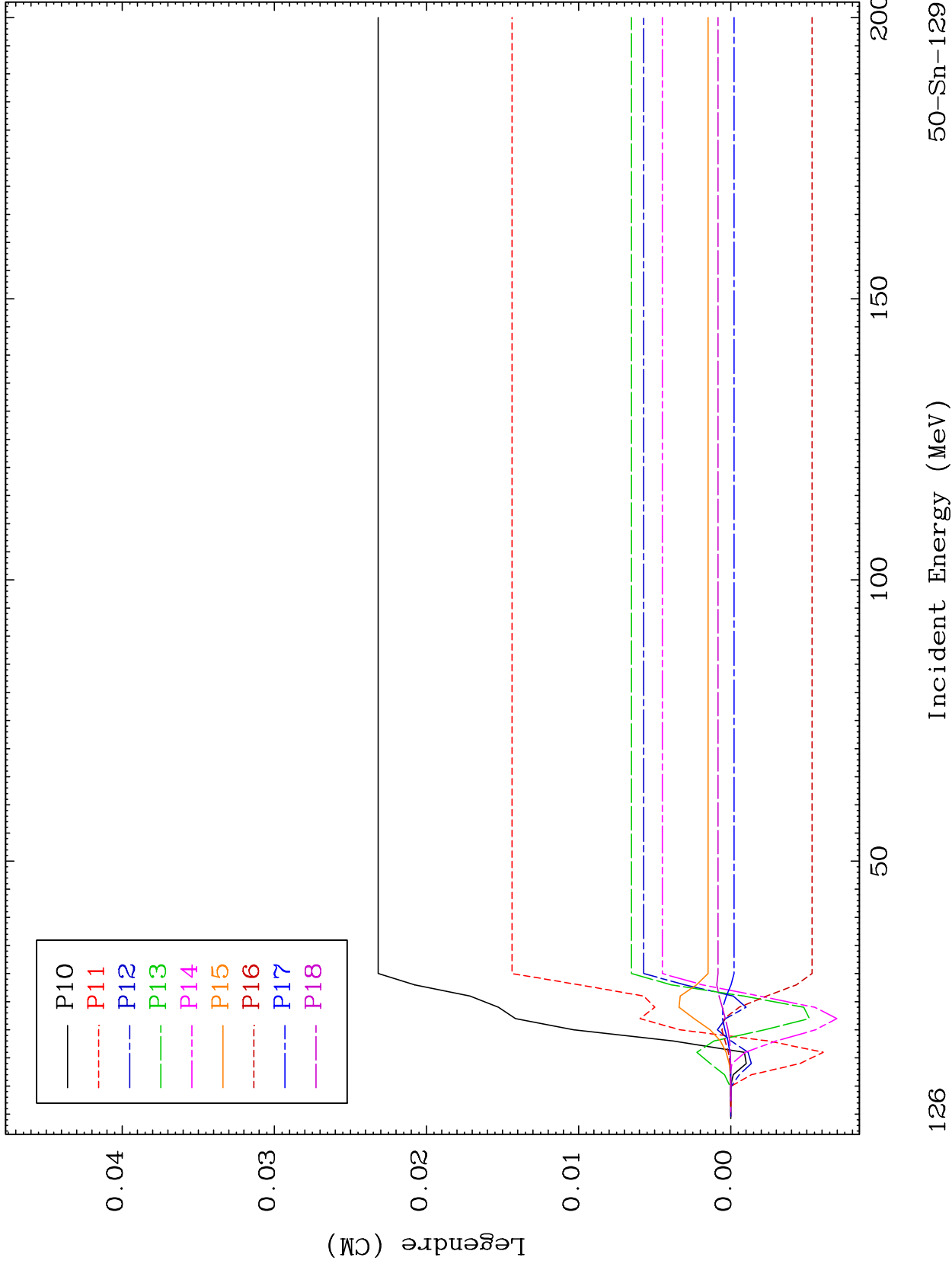




MAT 5076

3.658 MeV (n,n') Level
Legendre Coefficients

50-Sn-129



126

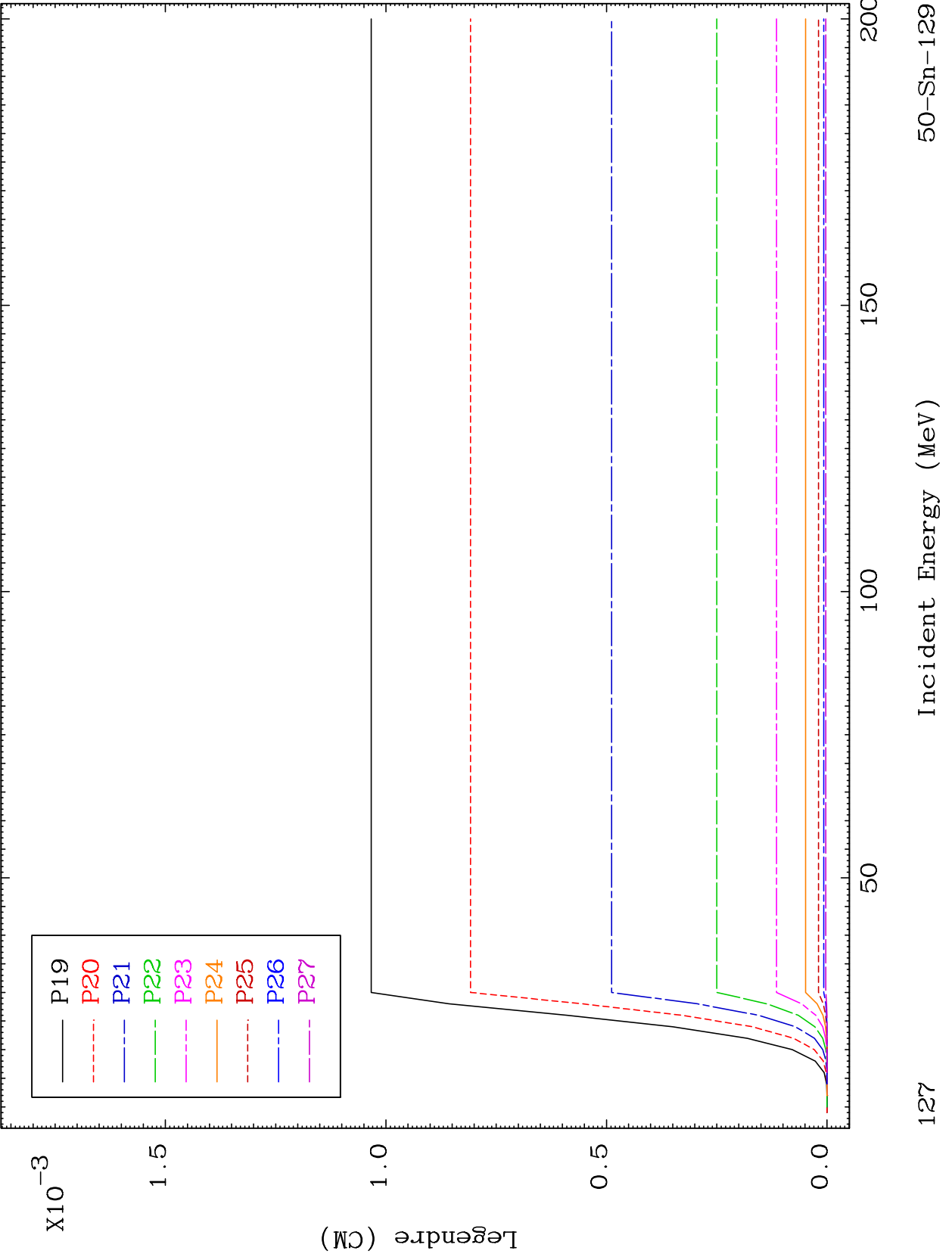
Incident Energy (MeV)

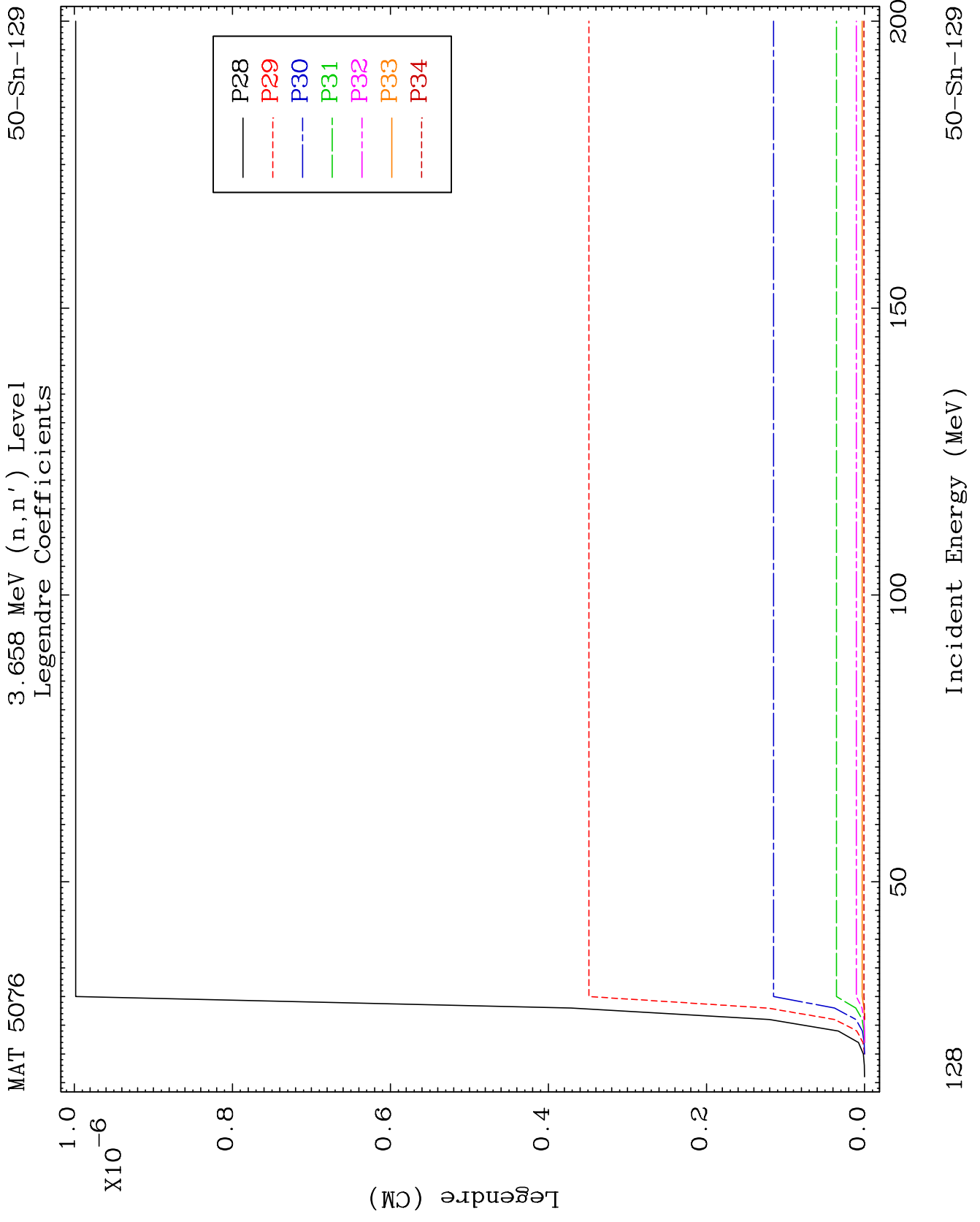
50-Sn-129

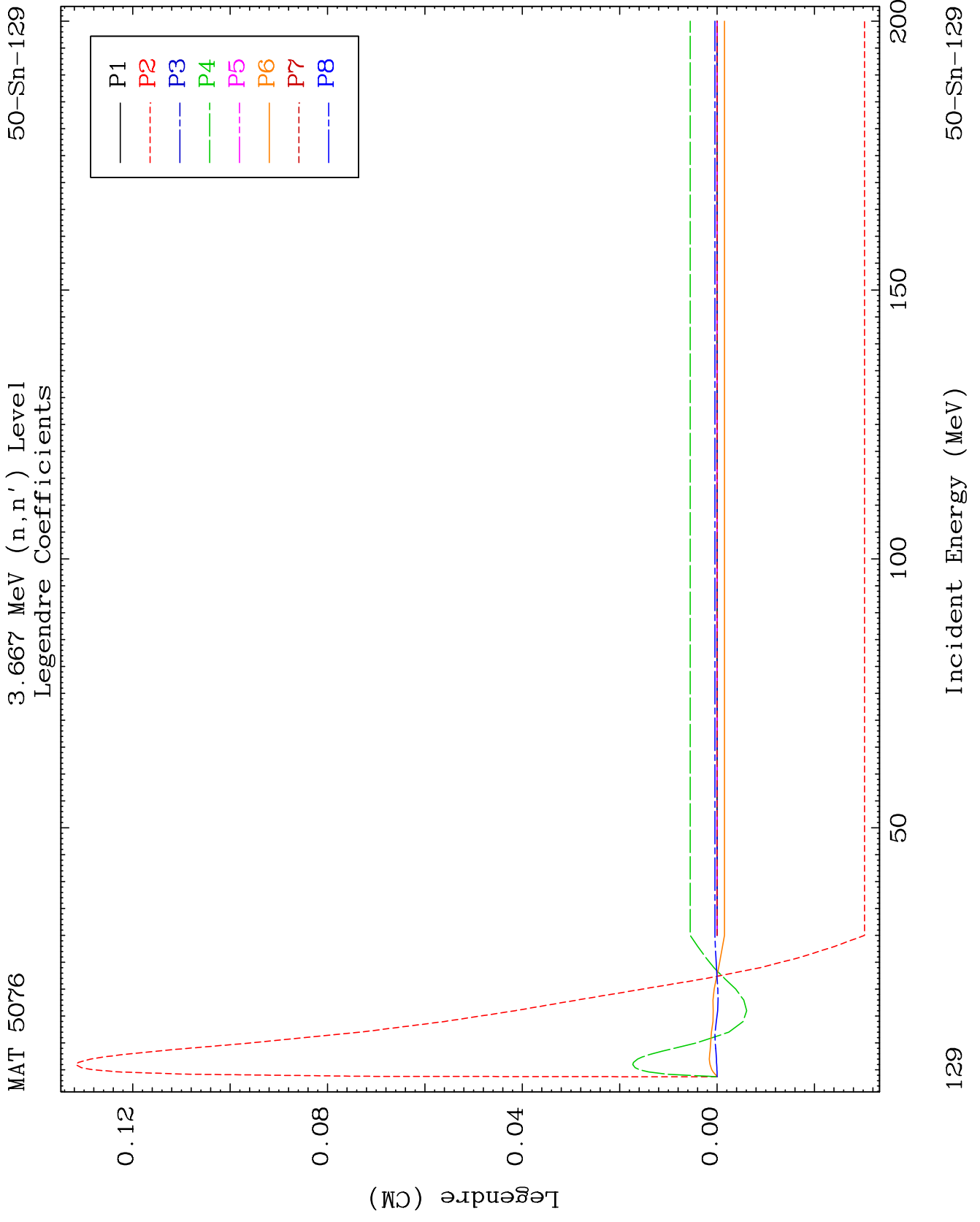
MAT 5076

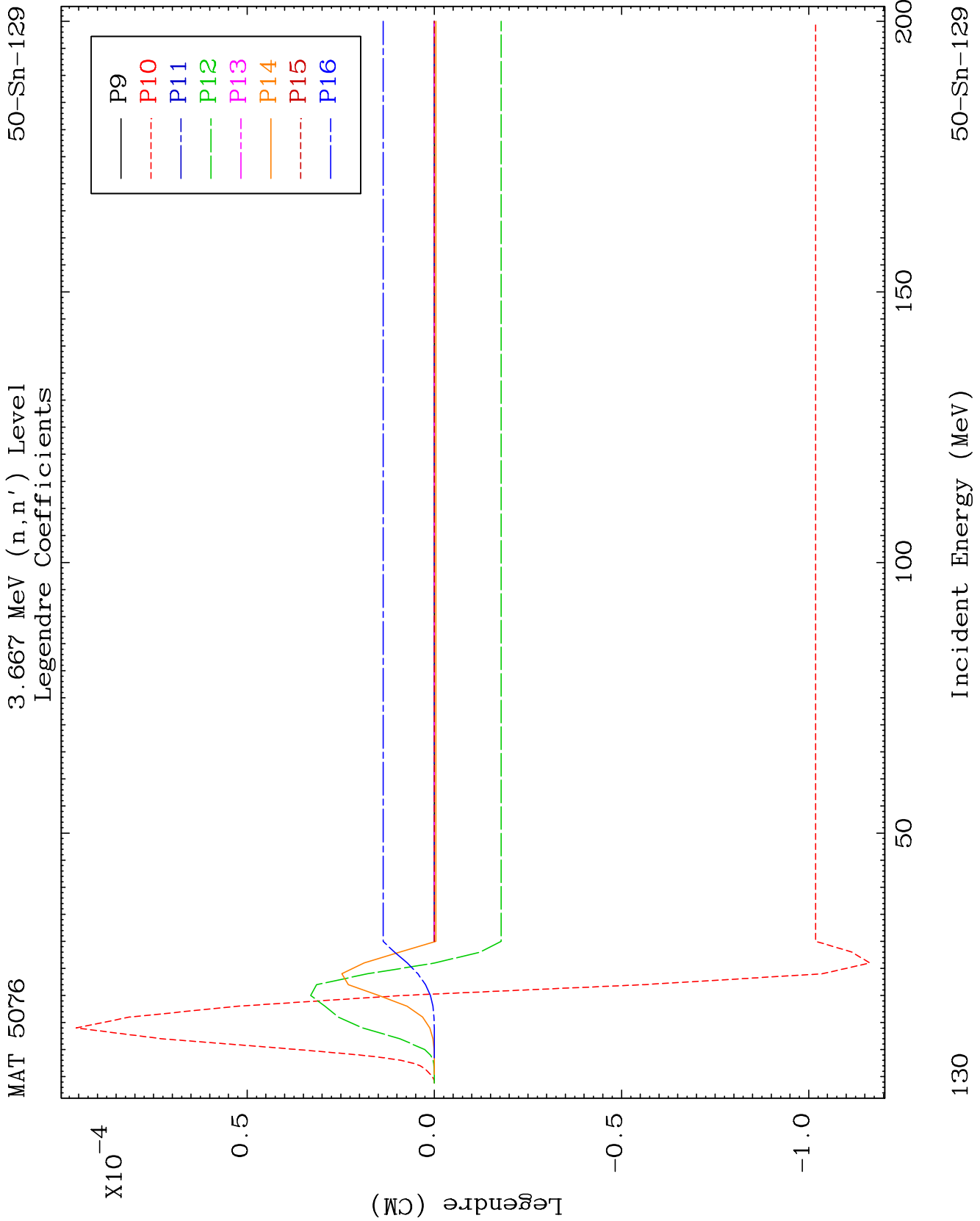
3.658 MeV (n,n') Level
Legendre Coefficients

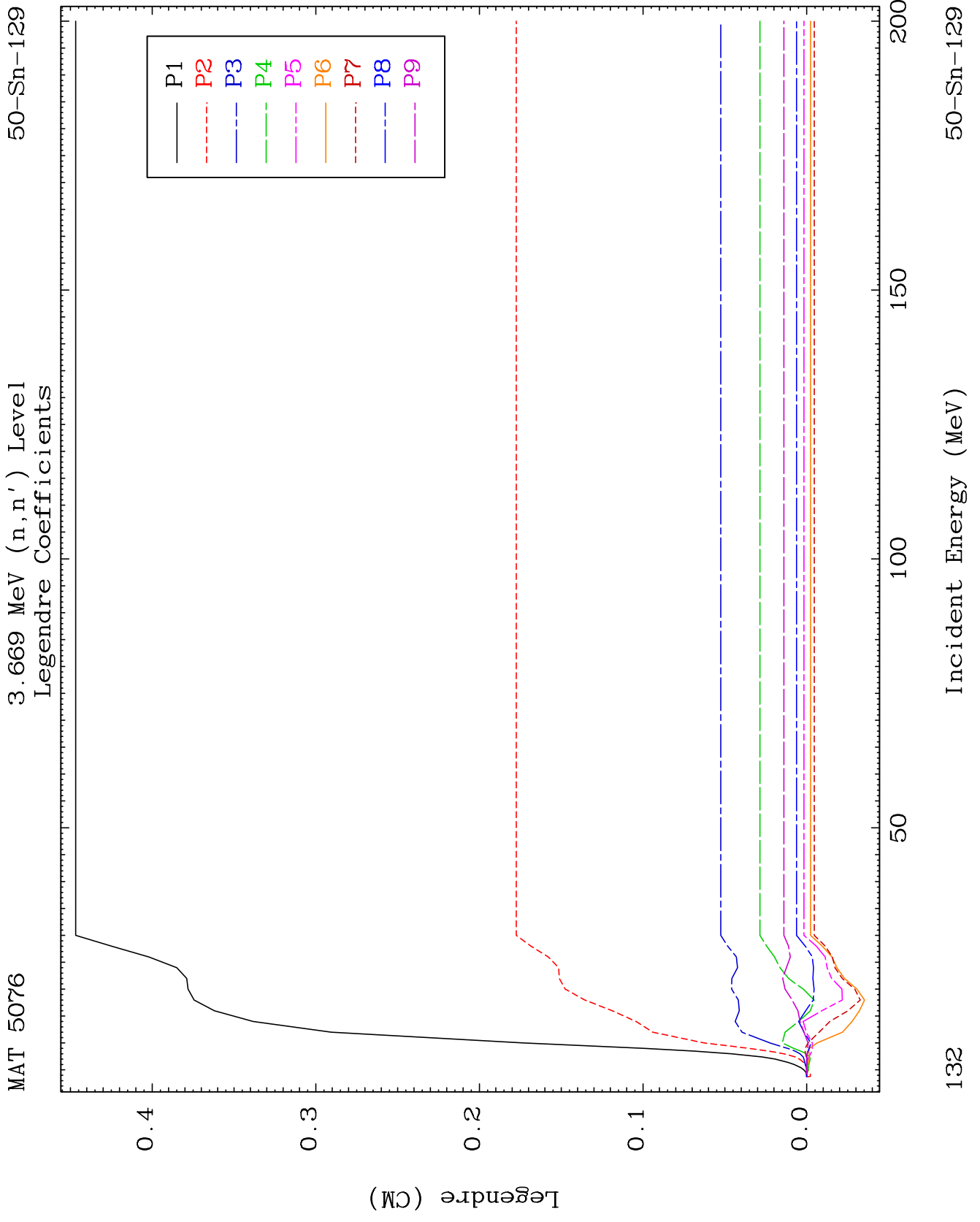
50-Sn-129







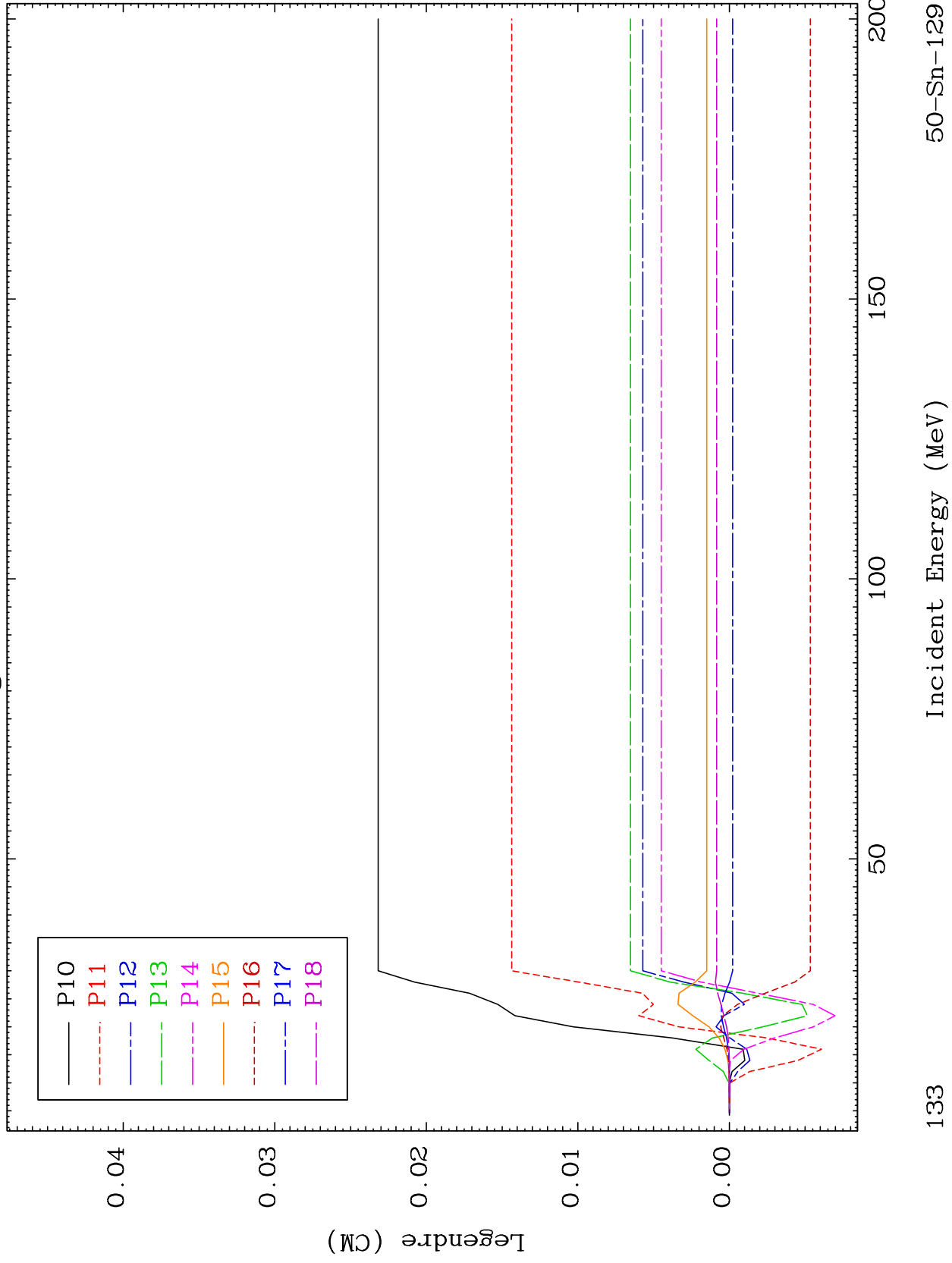




MAT 5076

3.669 MeV (n,n') Level
Legendre Coefficients

50-Sn-129



133

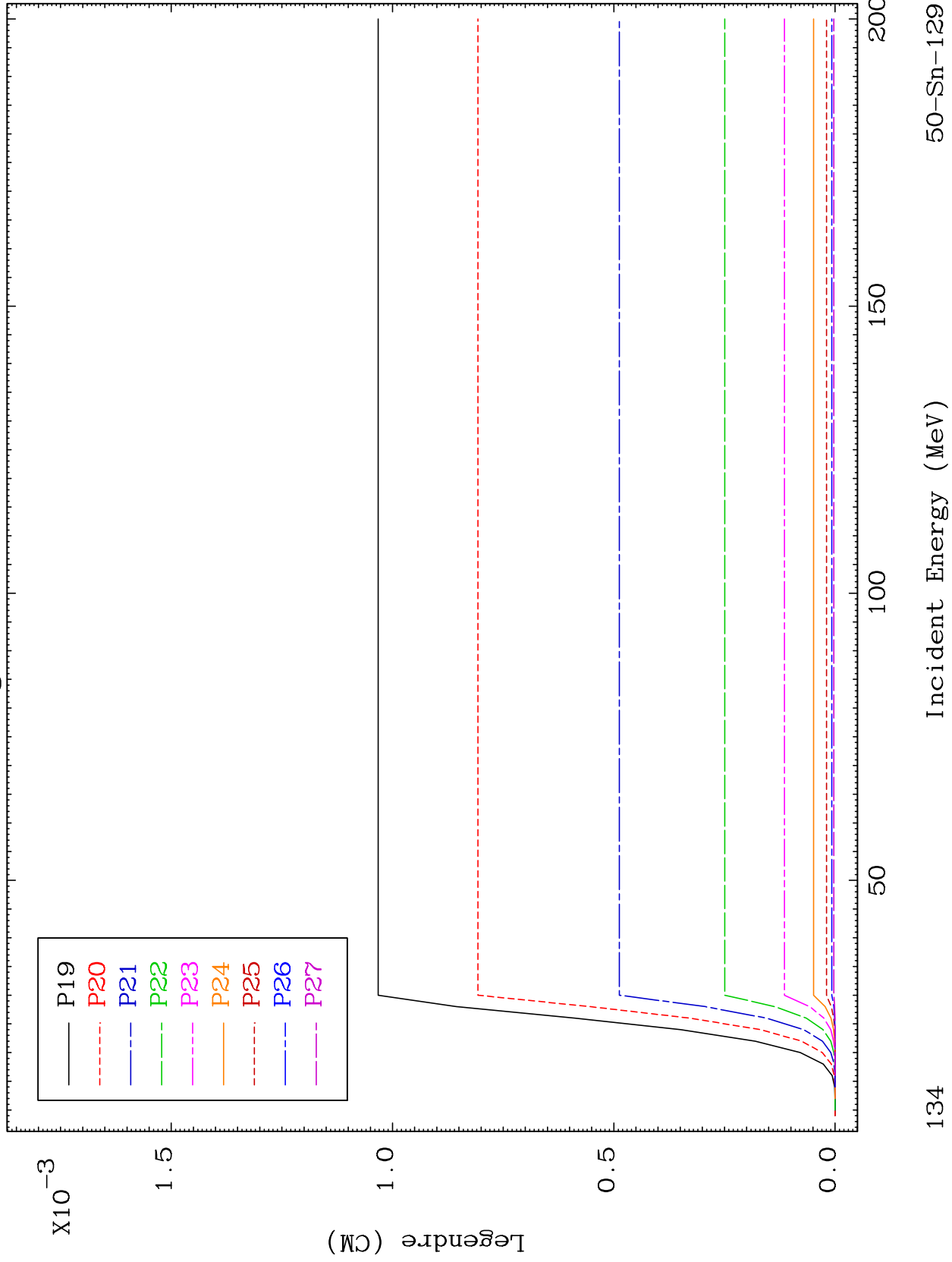
Incident Energy (MeV)

50-Sn-129

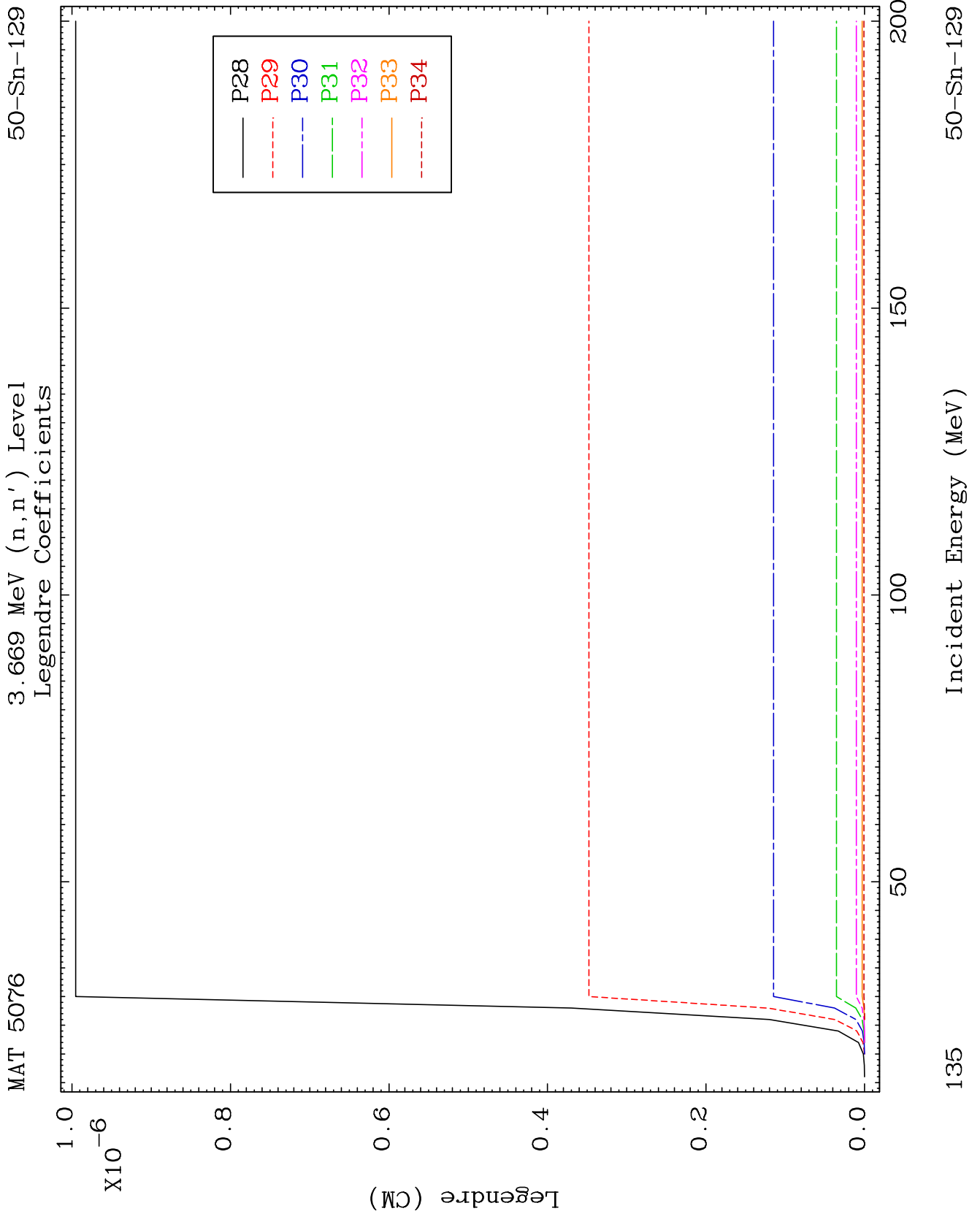
MAT 5076

3.669 MeV (n,n') Level
Legendre Coefficients

50-Sn-129



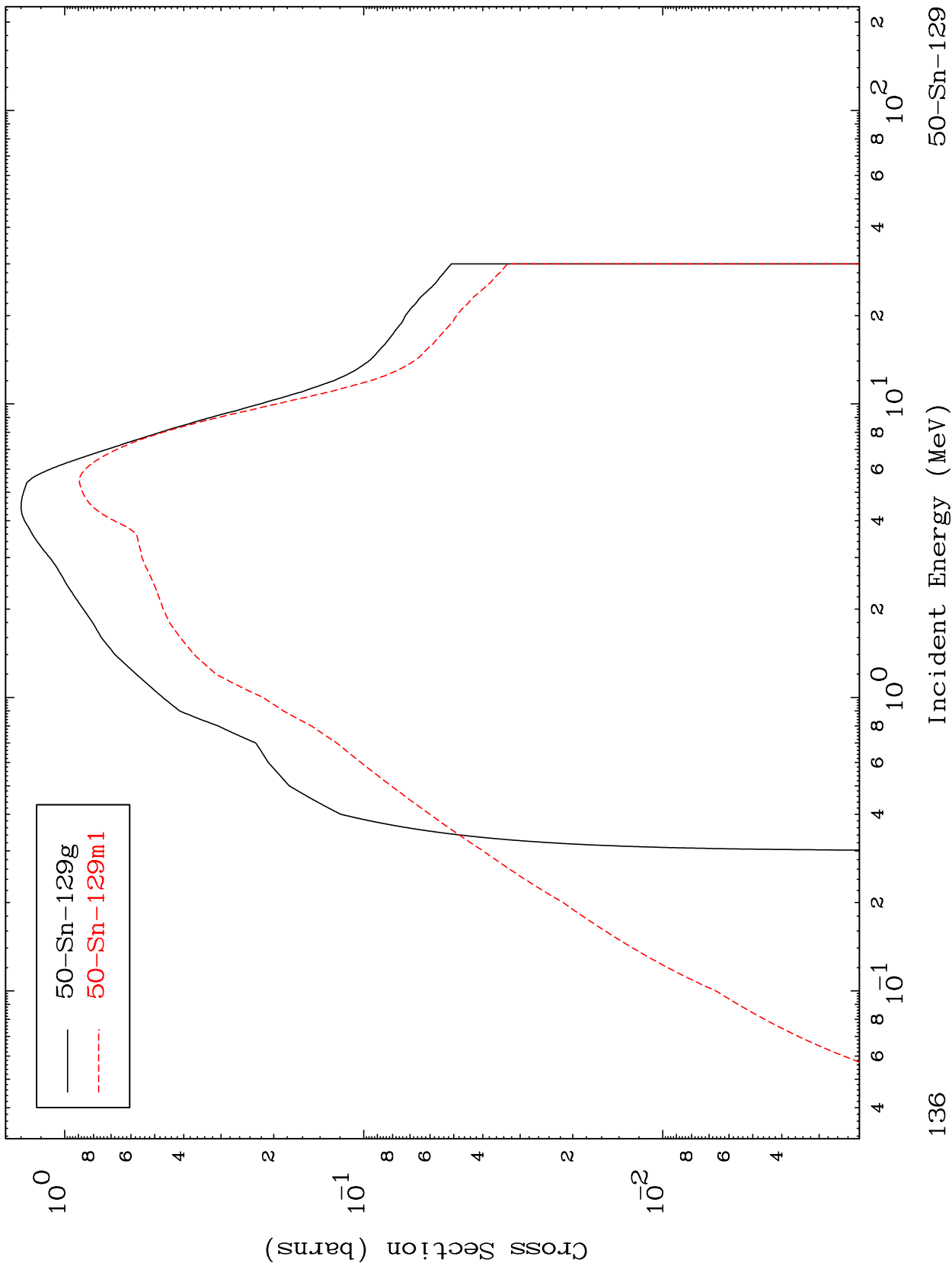
134



MAT 5076

50-Sn-129

Inelastic
Radionuclide Production Cross Section



— 50-Sn-129g
- - - 50-Sn-129m1

136

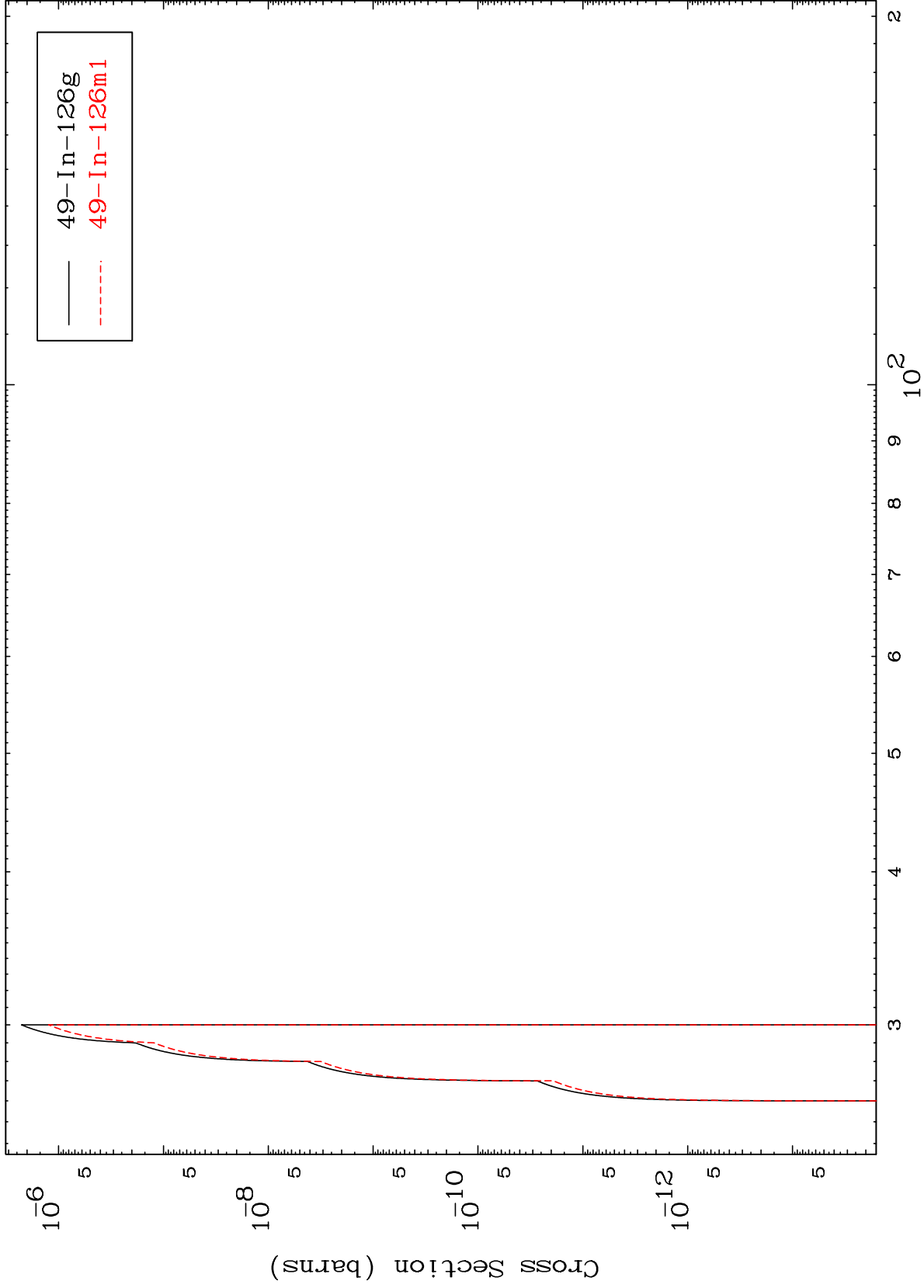
50-Sn-129

MAT 5076

(n,2n) d

50-Sn-129

Radionuclide Production Cross Section



137

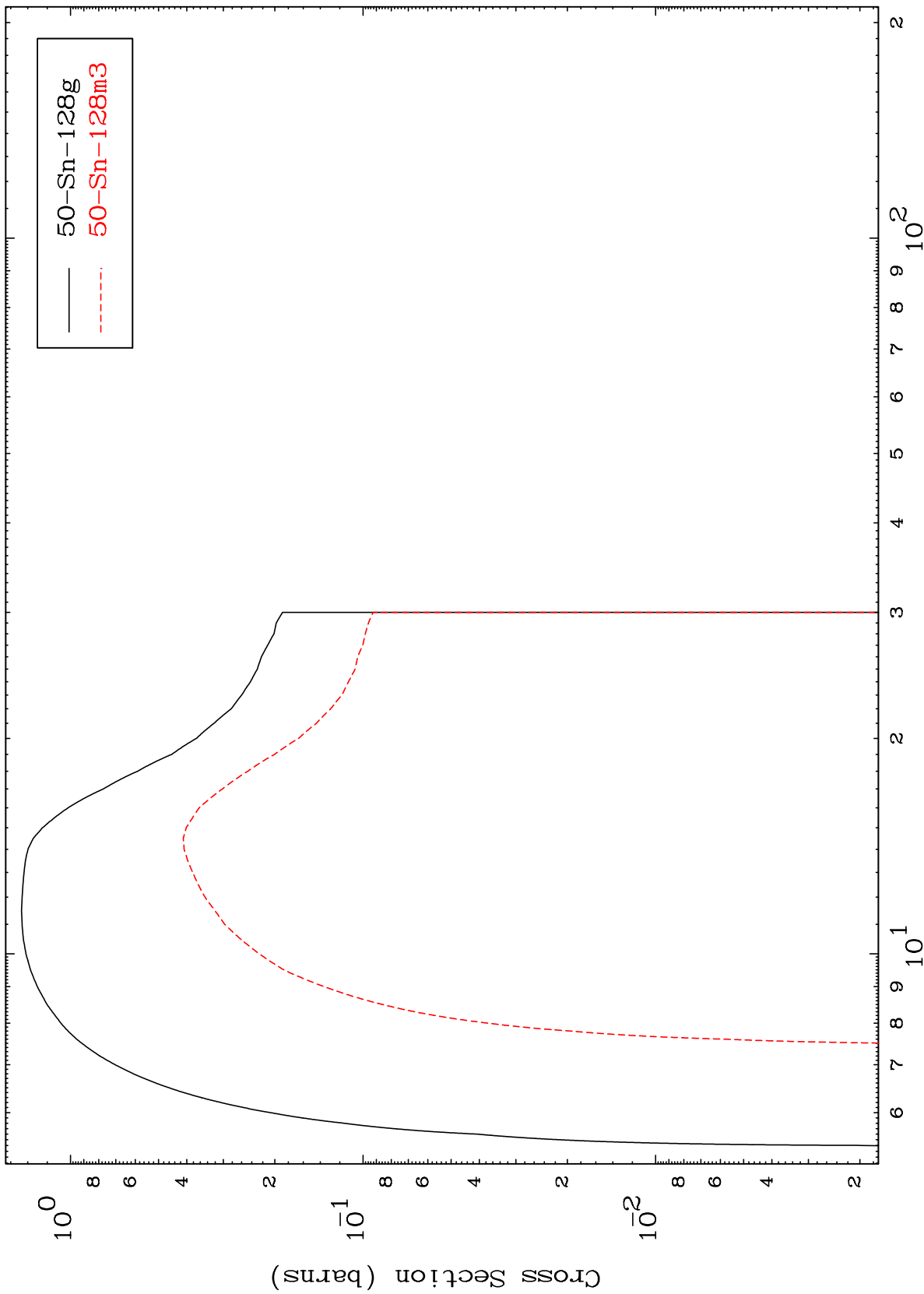
Incident Energy (MeV)

50-Sn-129

MAT 5076

50-Sn-129

(n,2n)
Radionuclide Production Cross Section



138

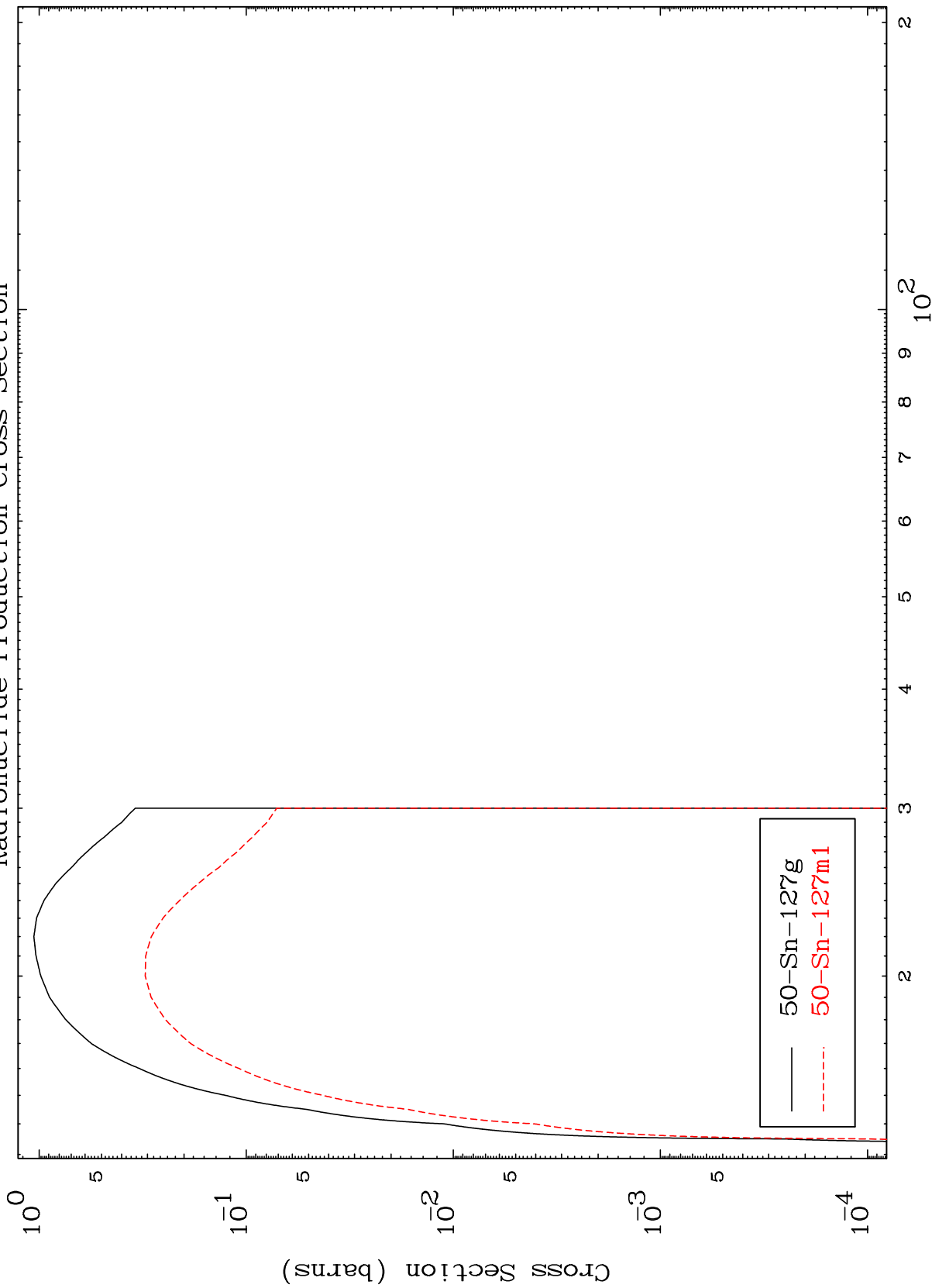
Incident Energy (MeV)

50-Sn-129

MAT 5076

50-Sn-129

(n,3n)
Radionuclide Production Cross Section

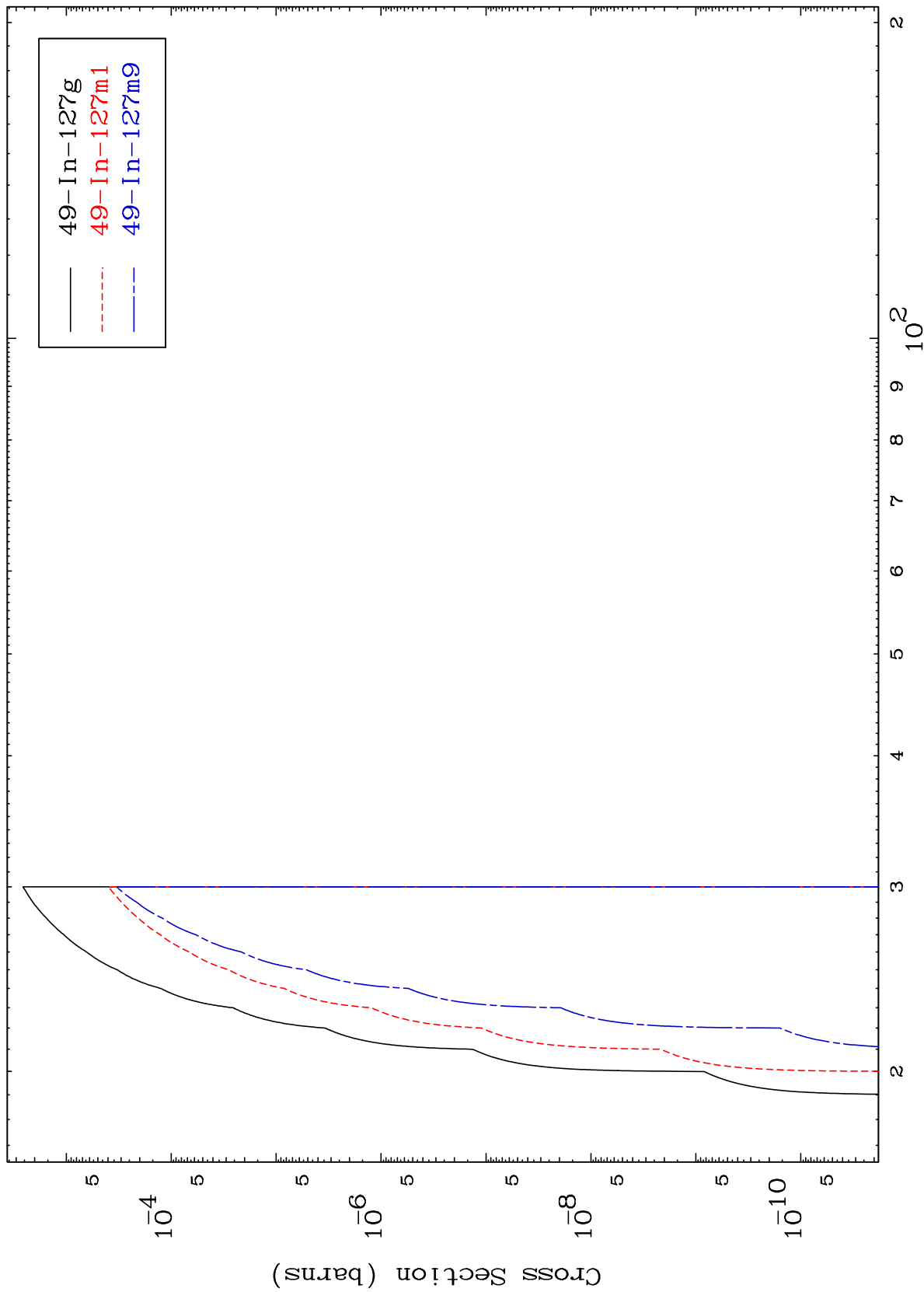


50-Sn-129

Incident Energy (MeV)

139

Radionuclide Production Cross Section

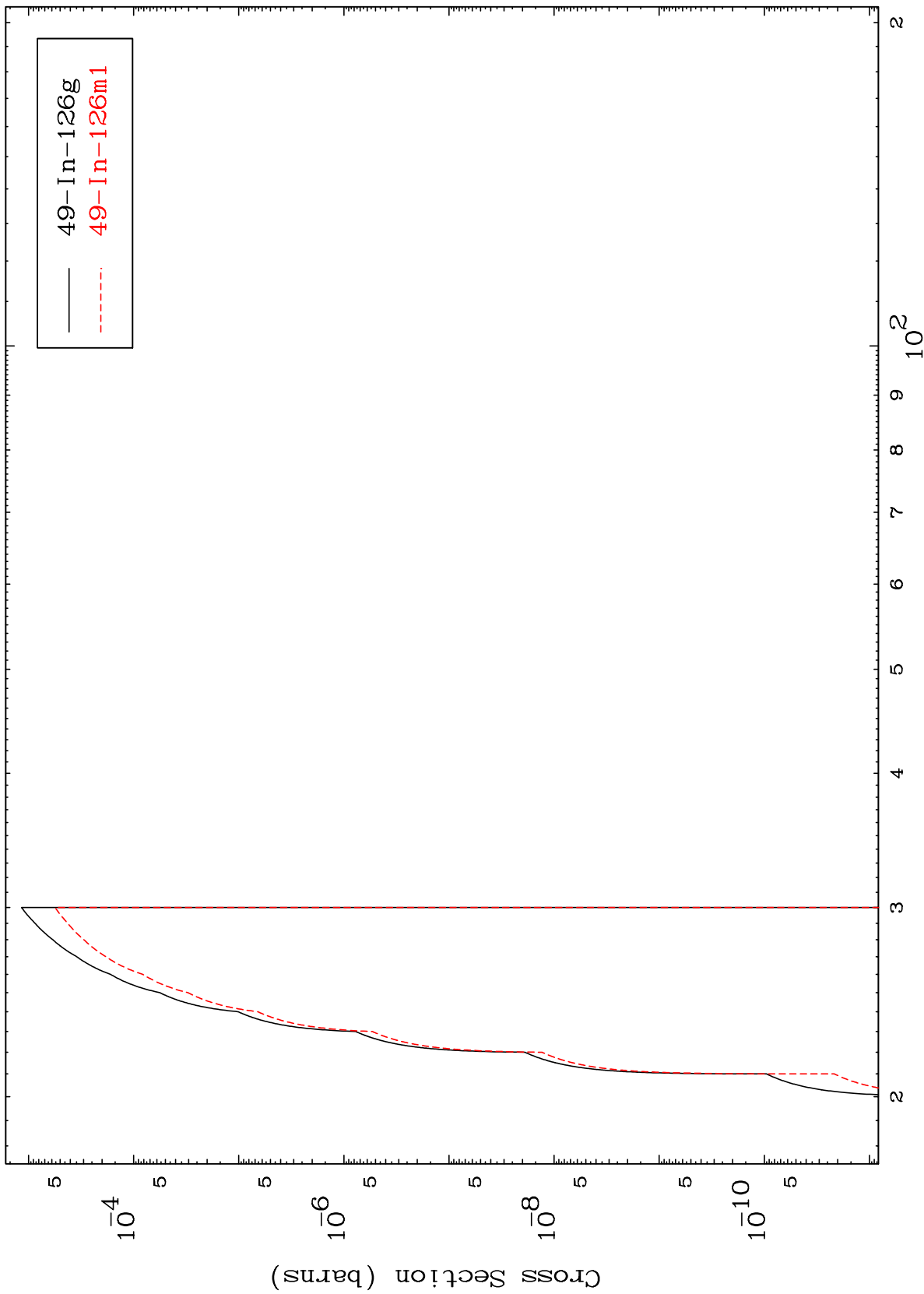


MAT 5076

(n,n') t

50-Sn-129

Radionuclide Production Cross Section



142

Incident Energy (MeV)

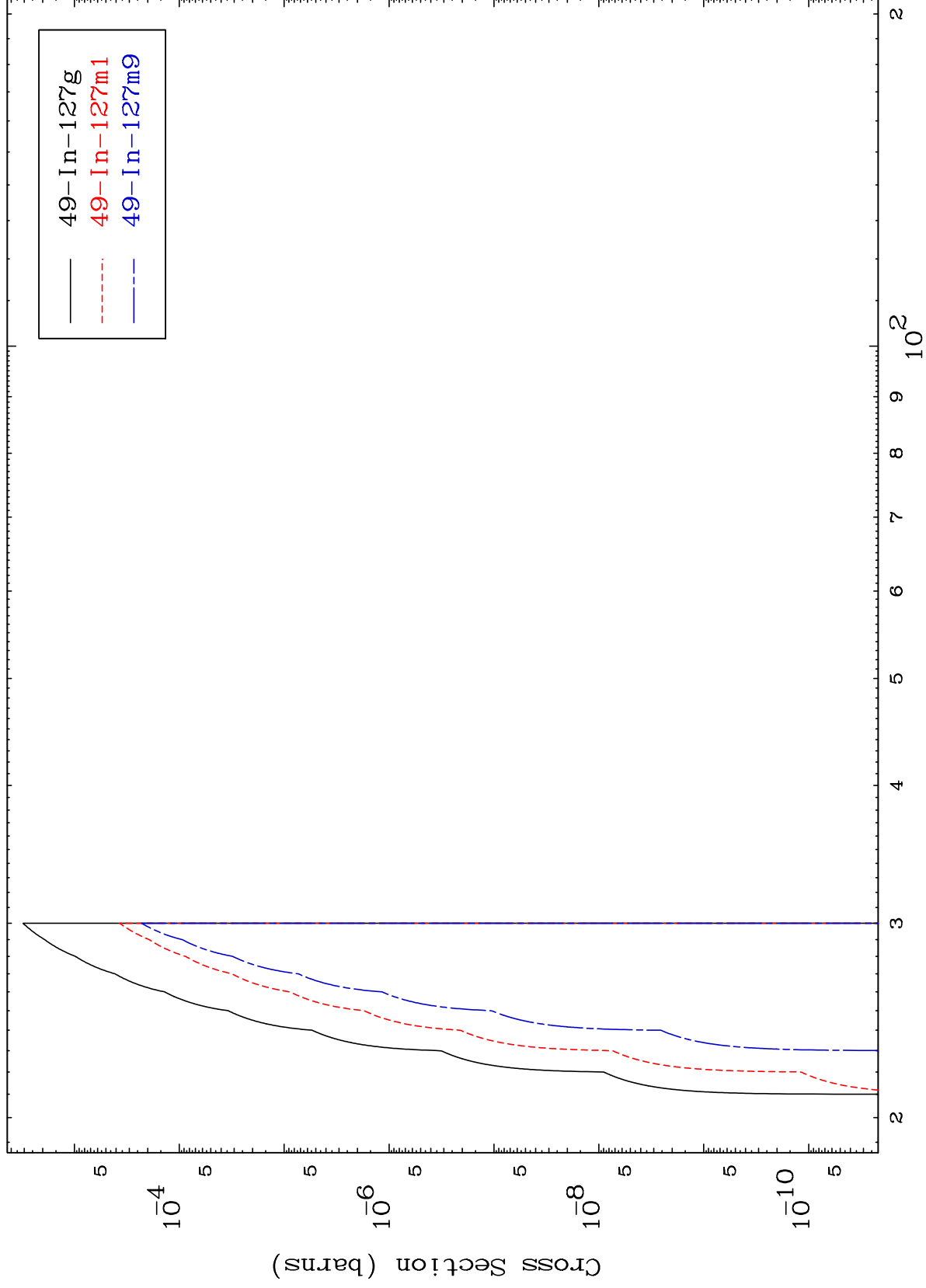
50-Sn-129

MAT 5076

(n,2n) p

50-Sn-129

Radionuclide Production Cross Section



143

Incident Energy (MeV)

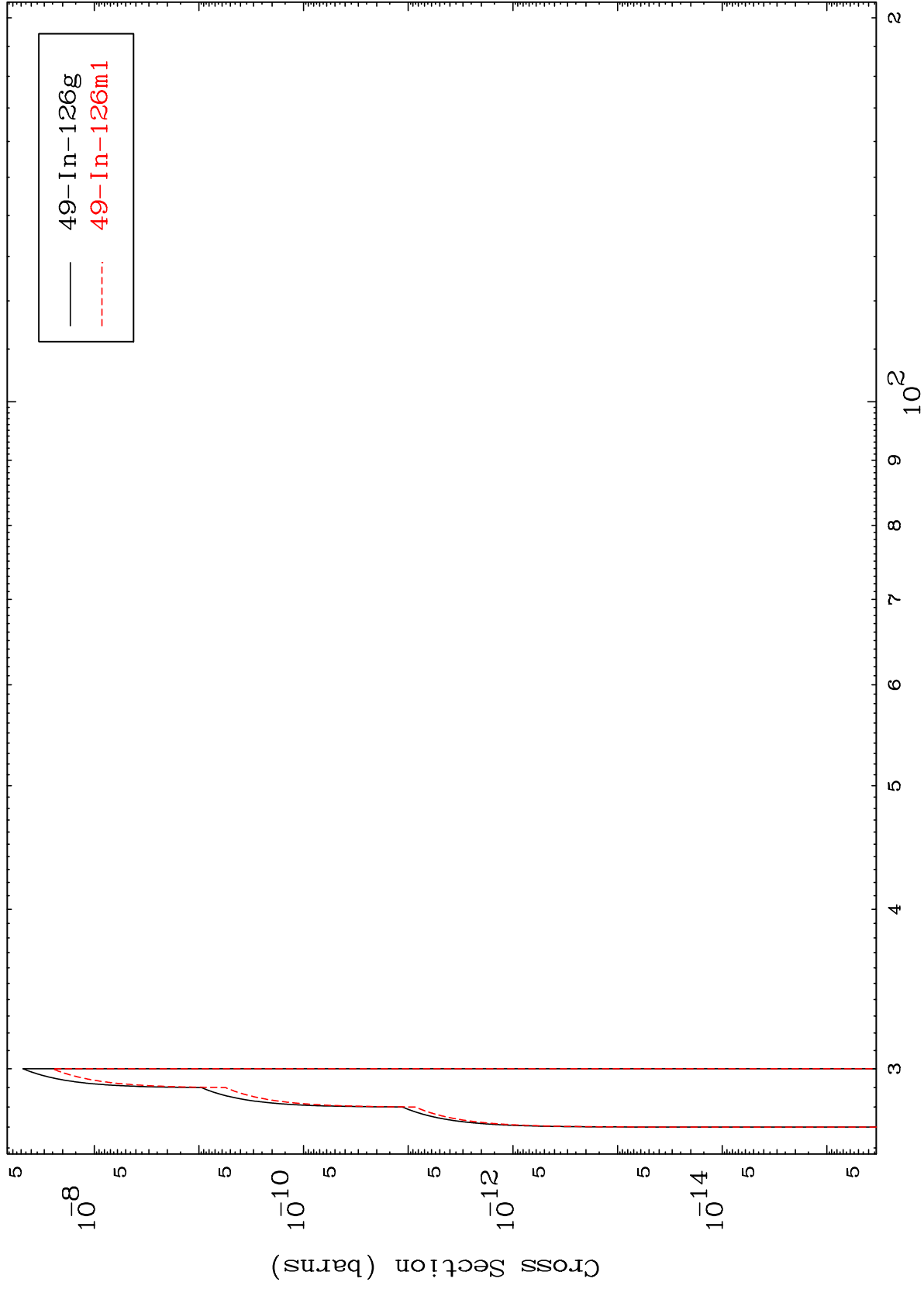
50-Sn-129

MAT 5076

(n,3n) p

50-Sn-129

Radionuclide Production Cross Section



144

Incident Energy (MeV)

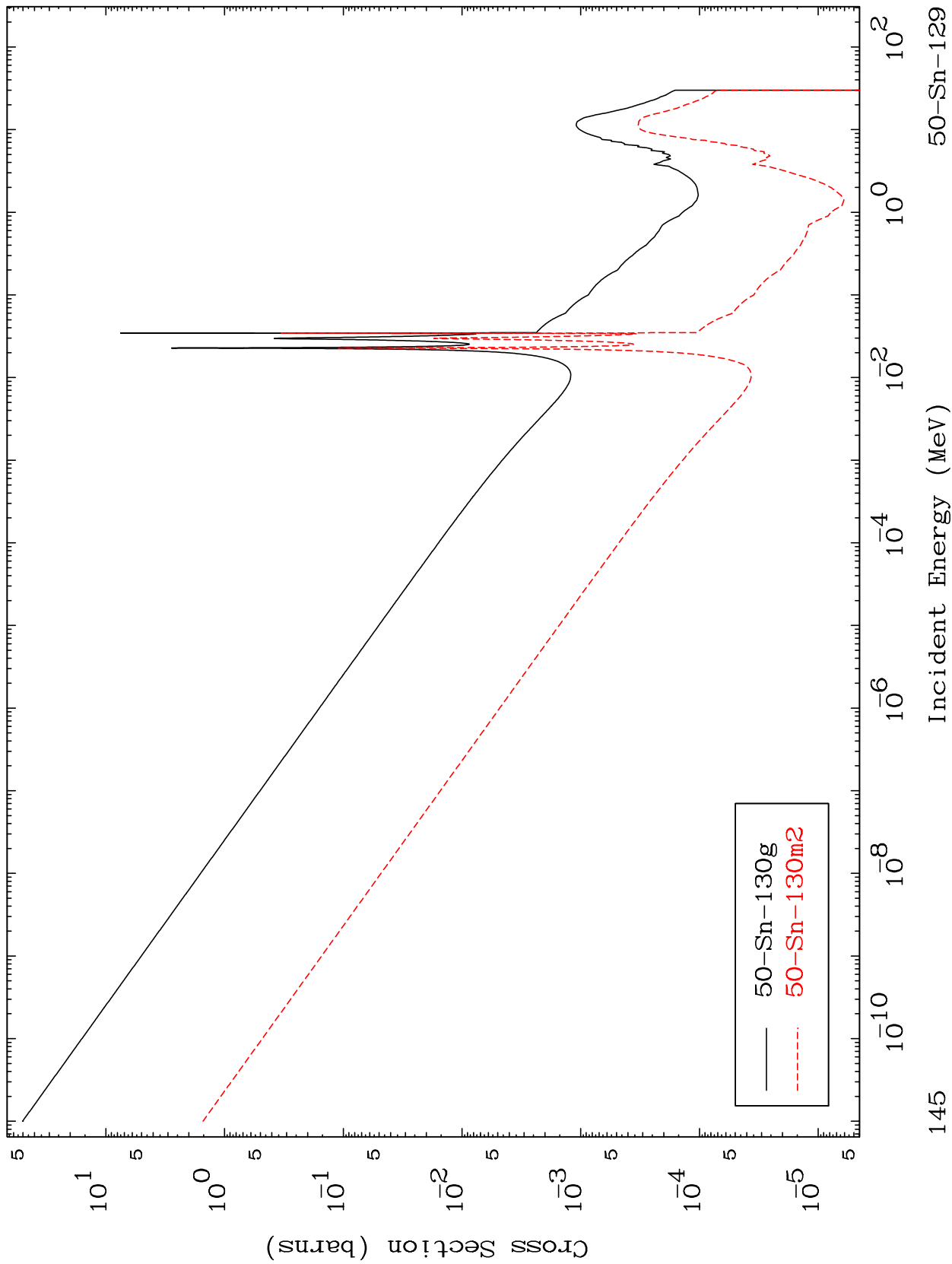
50-Sn-129

MAT 5076

50-Sn-129

Radionuclide Production Cross Section

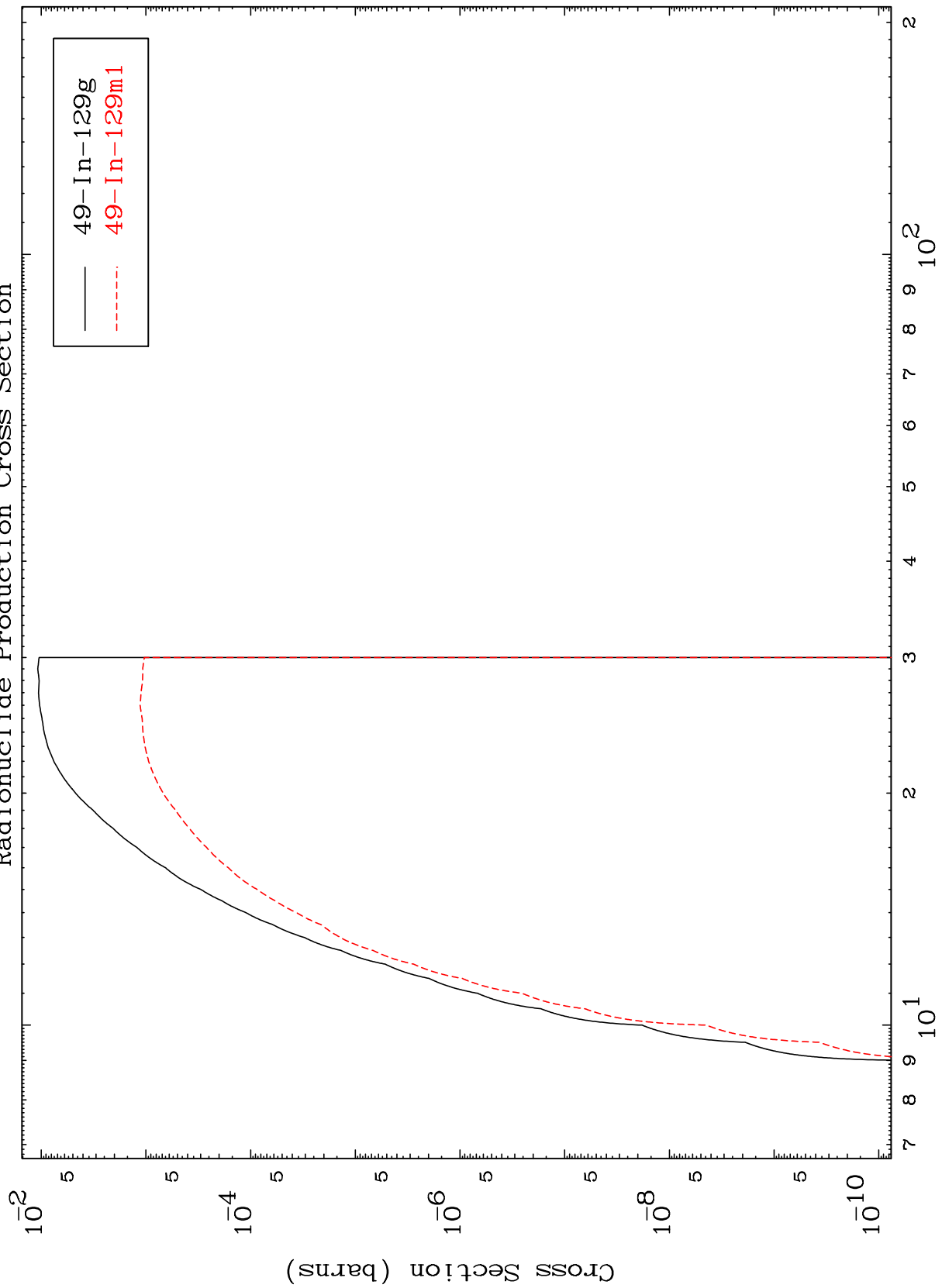
(n, γ)



MAT 5076

50-Sn-129

(n,p)
Radionuclide Production Cross Section



146

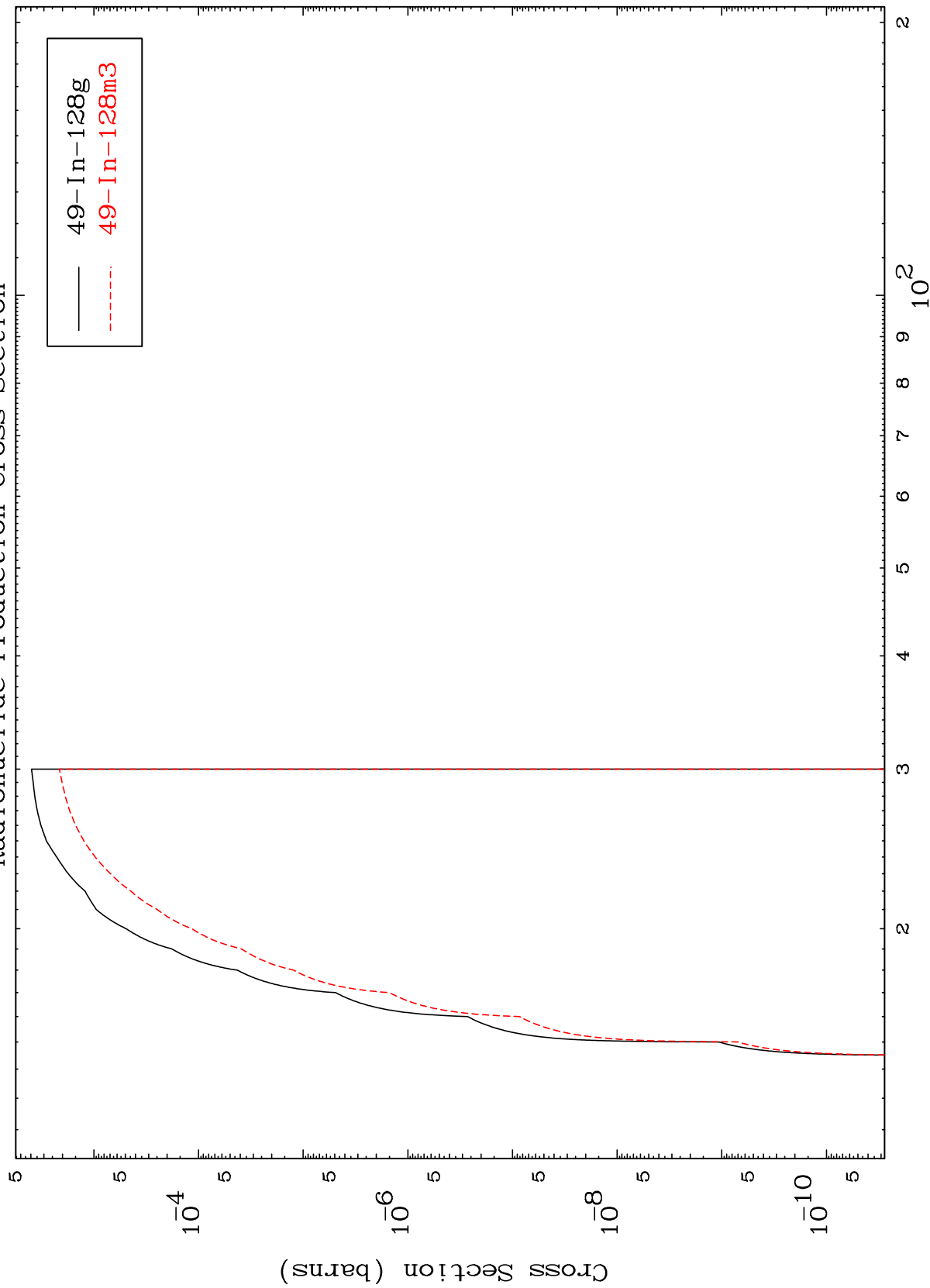
Incident Energy (MeV)

50-Sn-129

MAT 5076

50-Sn-129

(n,d)
Radionuclide Production Cross Section



147

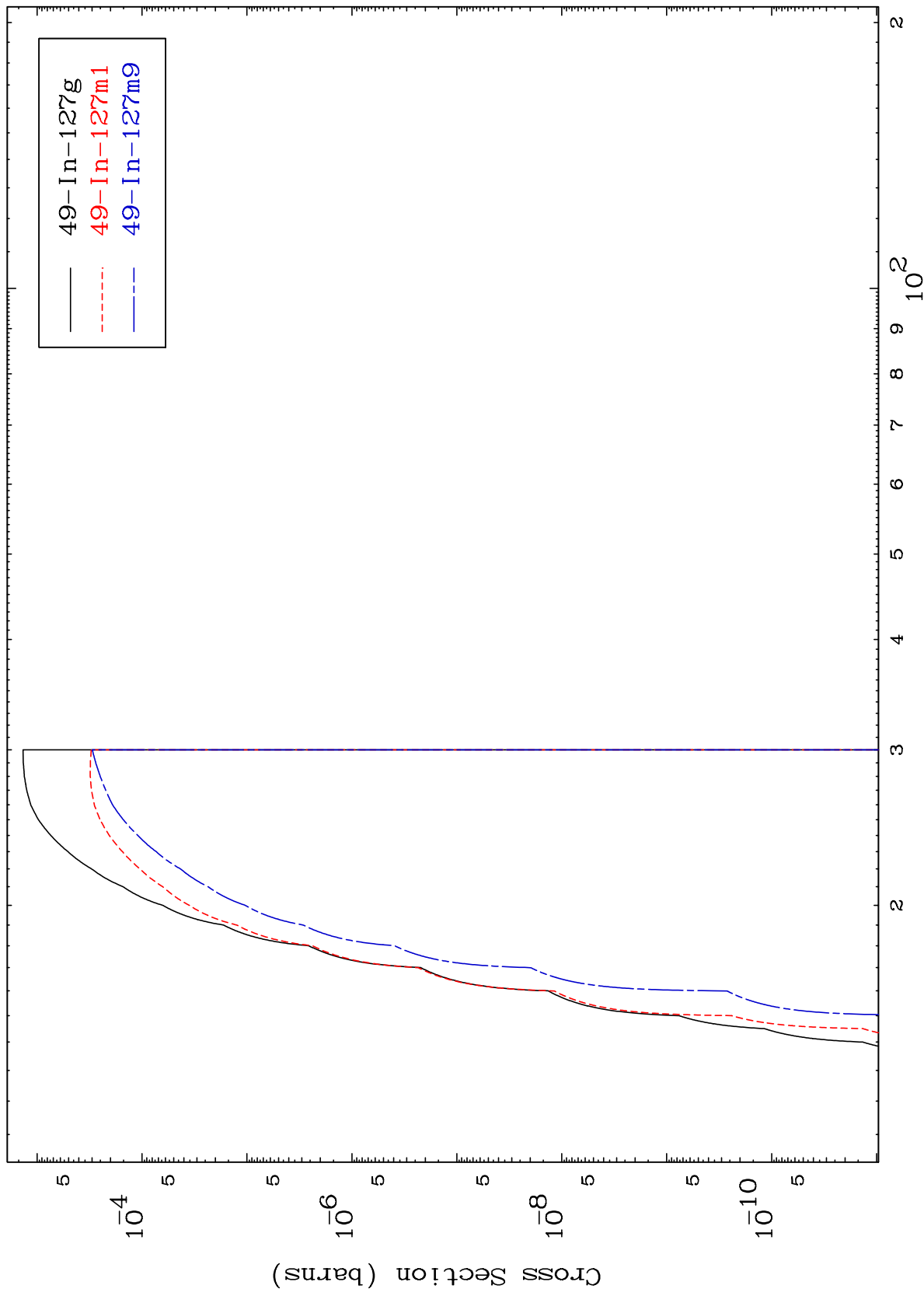
Incident Energy (MeV)

50-Sn-129

MAT 5076

50-Sn-129

(n,t)
Radionuclide Production Cross Section



148

Incident Energy (MeV)

50-Sn-129