

Program EVALPLOT  
(Version 2021-1)

by

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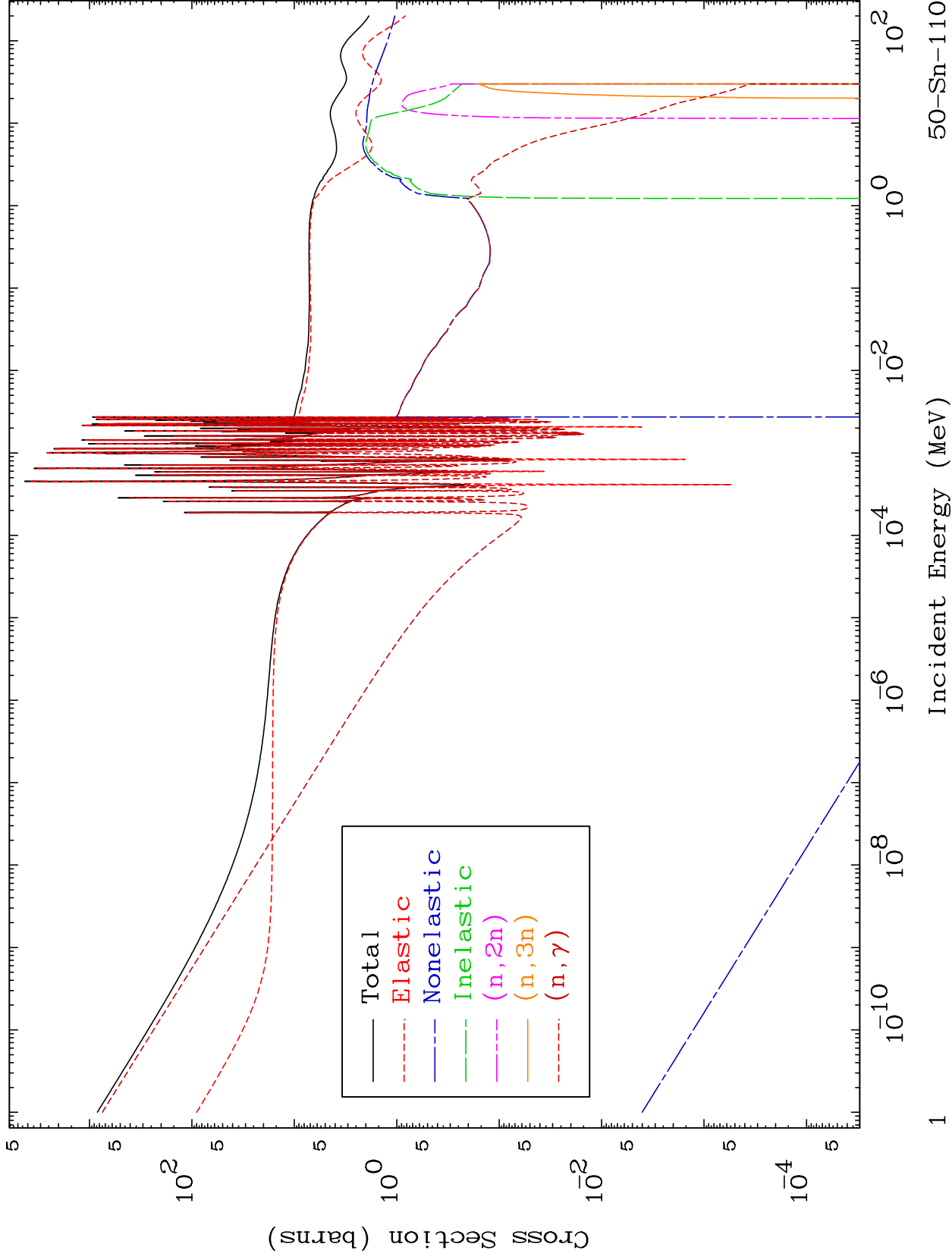
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5019

Neutron Major  
293 Kelvin Cross Sections

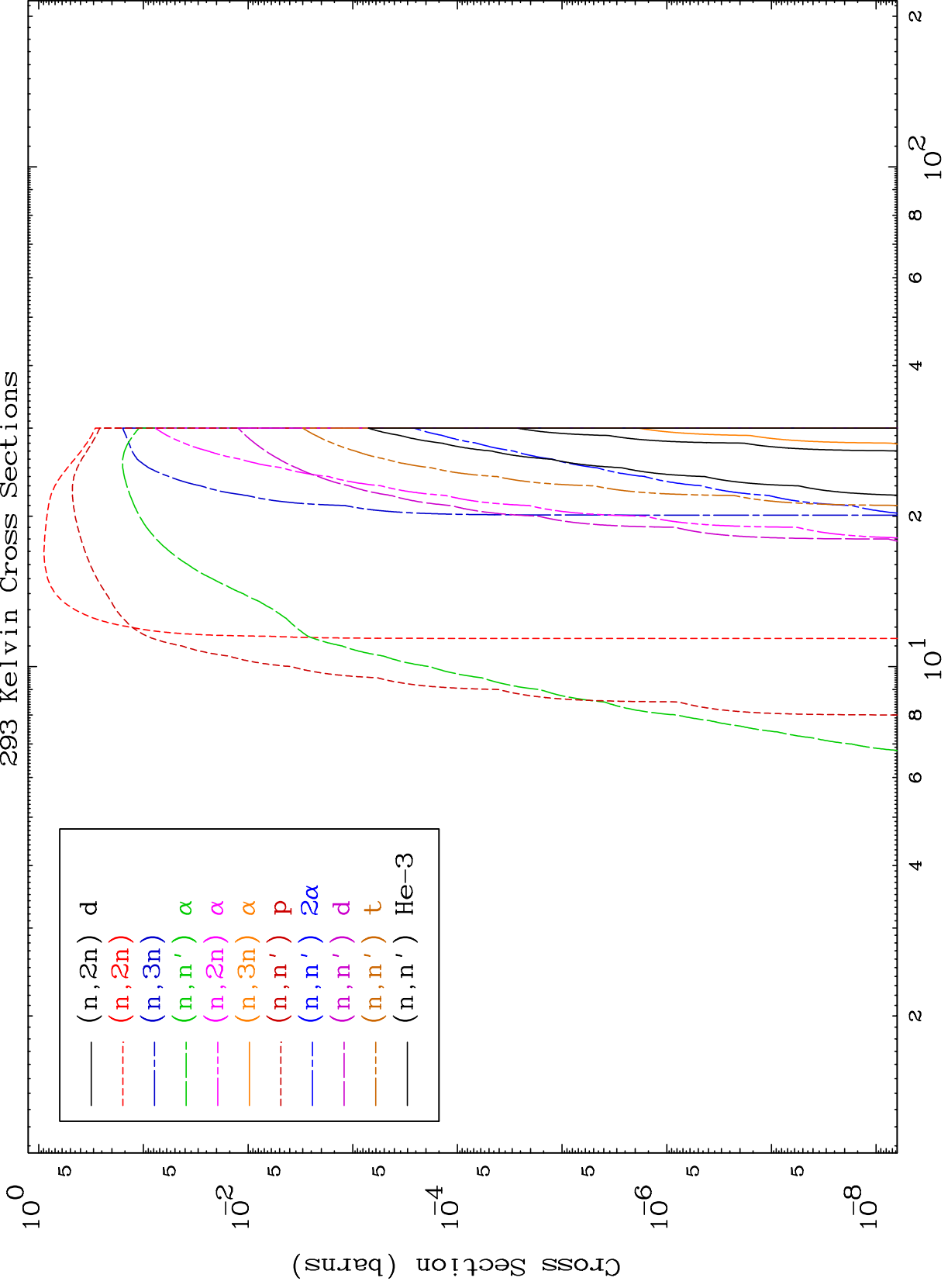
50-Sn-110



MAT 5019

Neutron Absorption  
293 Kelvin Cross Sections

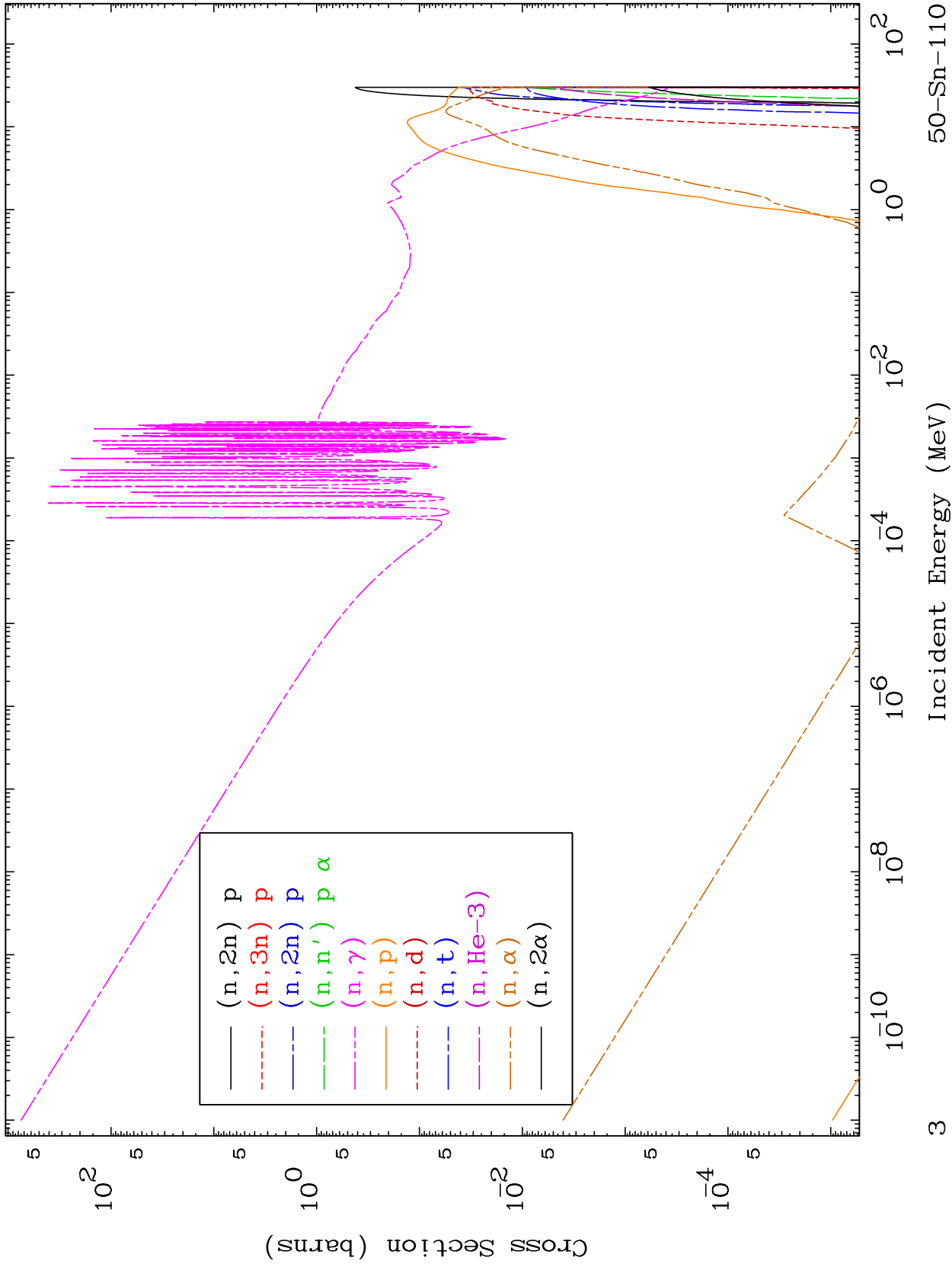
50-Sn-110



MAT 5019

Neutron Absorption  
293 Kelvin Cross Sections

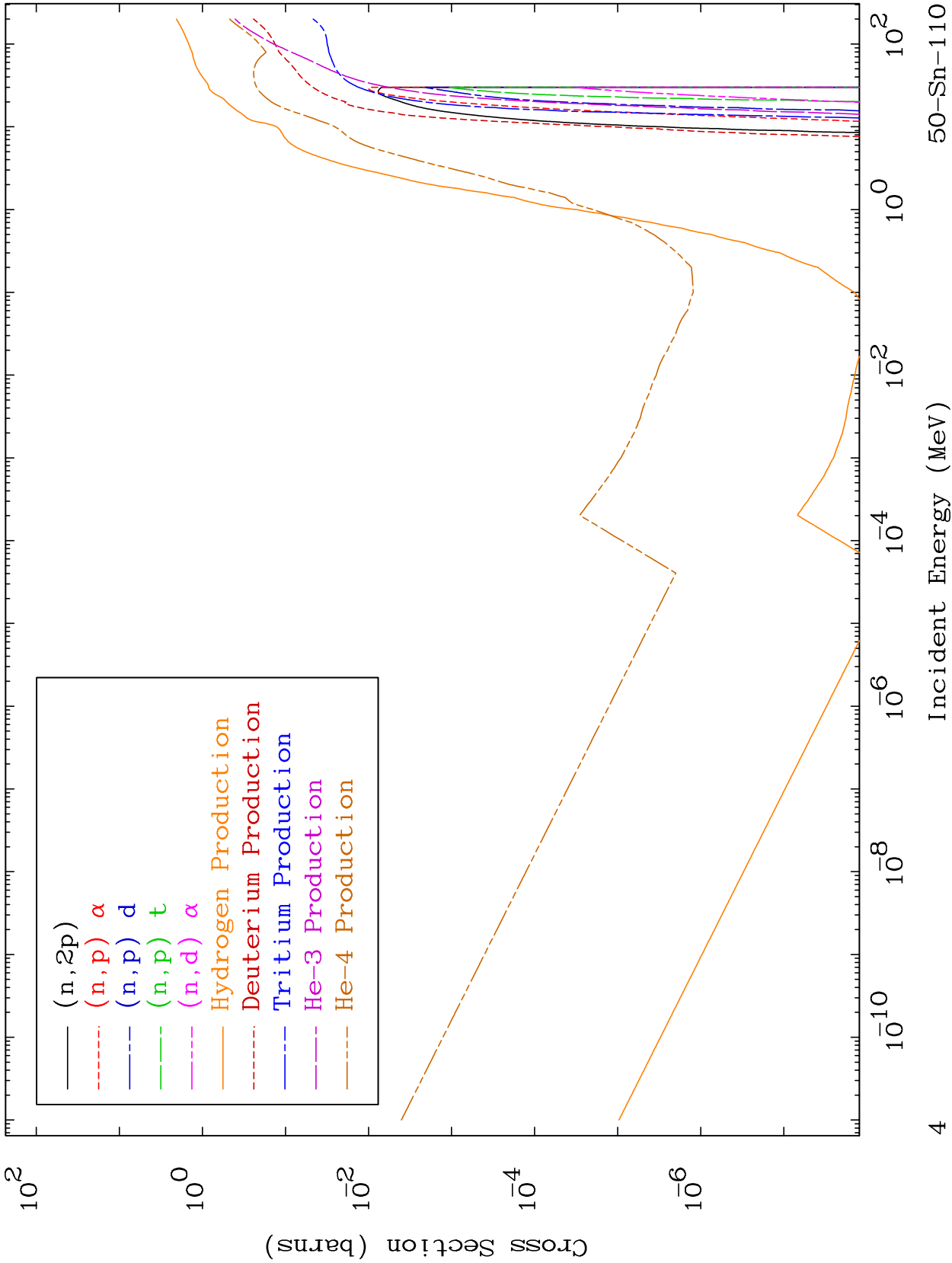
50-Sn-110



MAT 5019

Neutron Absorption  
293 Kelvin Cross Sections

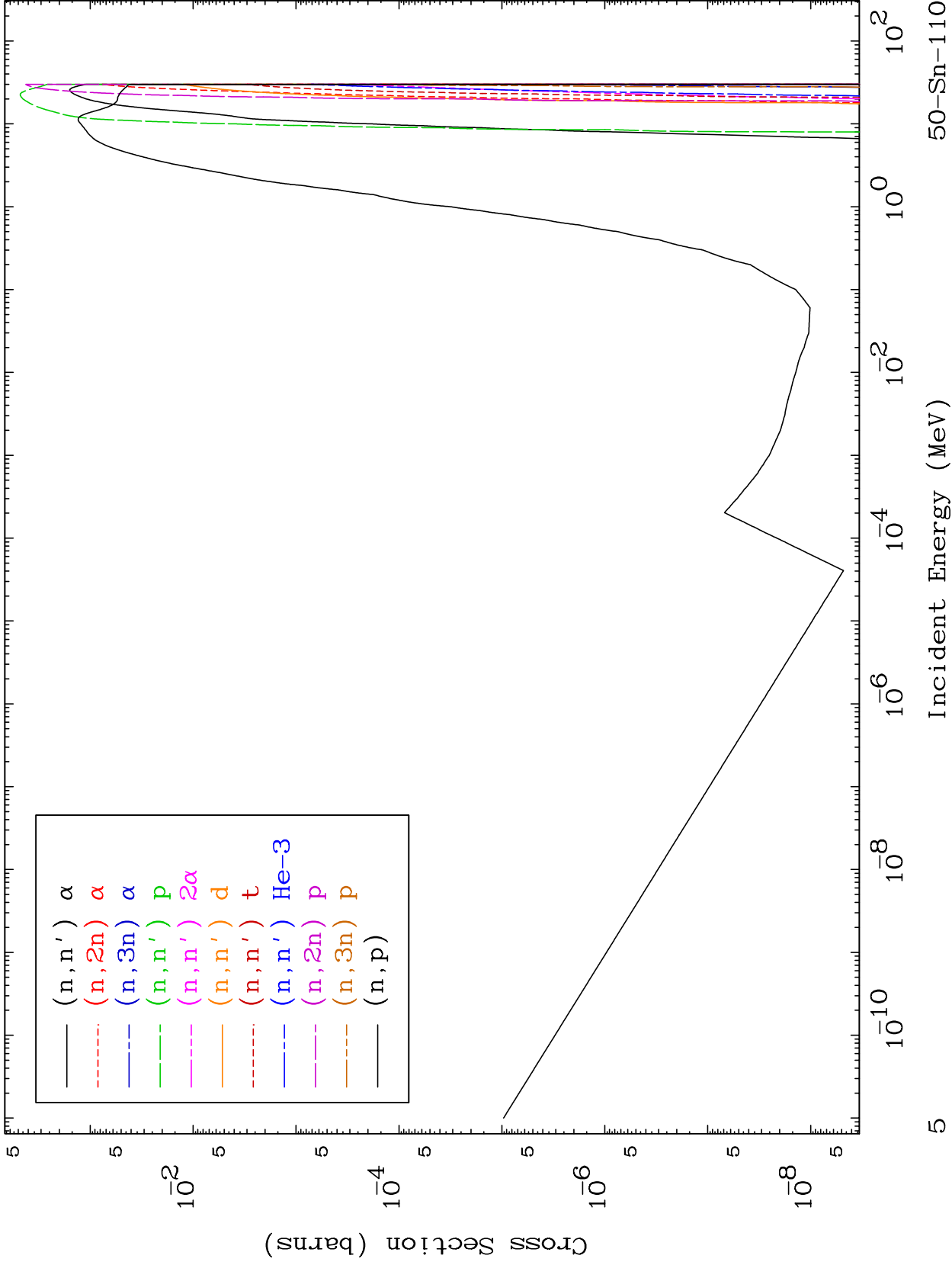
50-Sn-110



MAT 5019

Charged Particle  
293 Kelvin Cross Sections

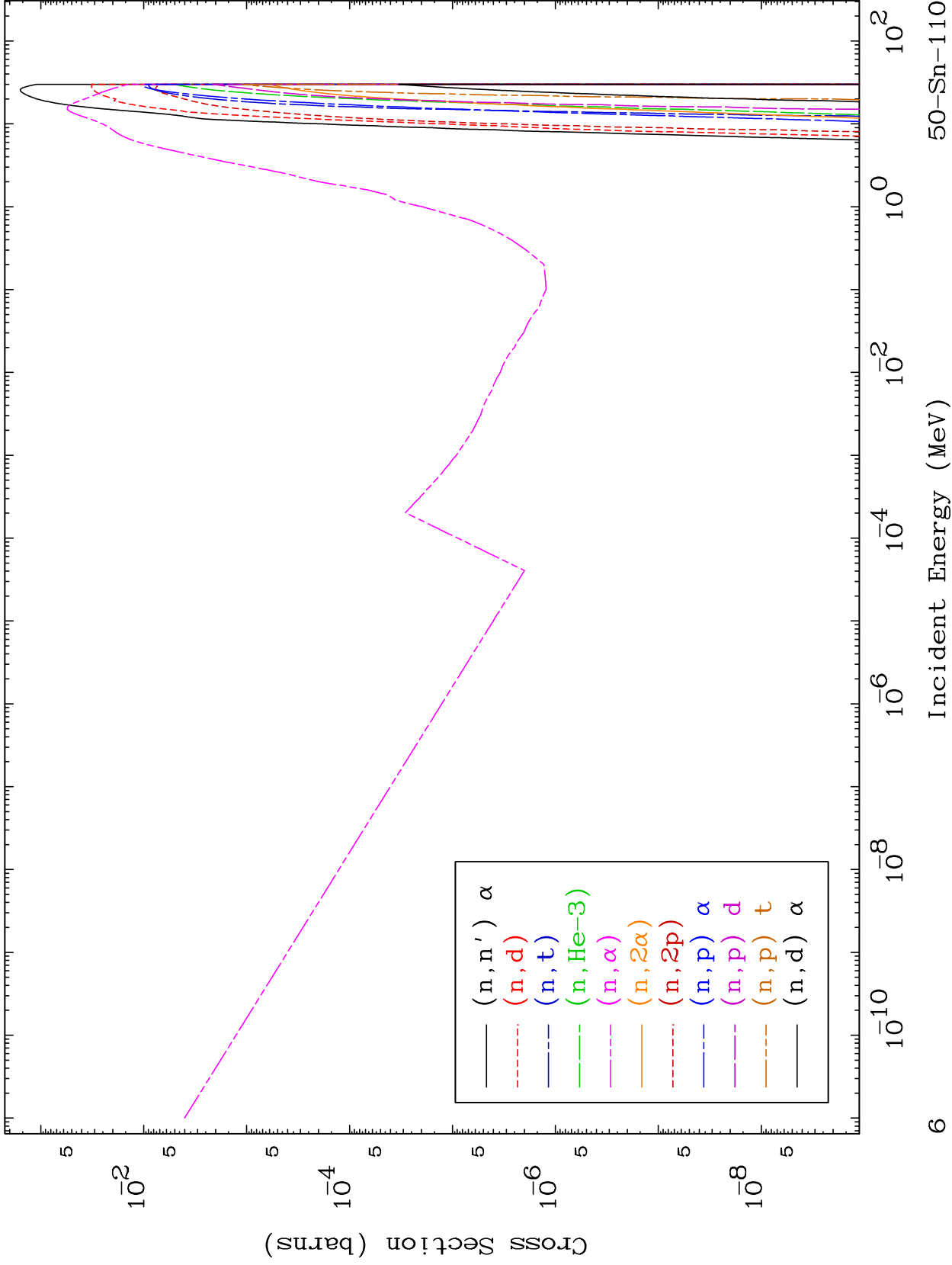
50-Sn-110



MAT 5019

Charged Particle  
293 Kelvin Cross Sections

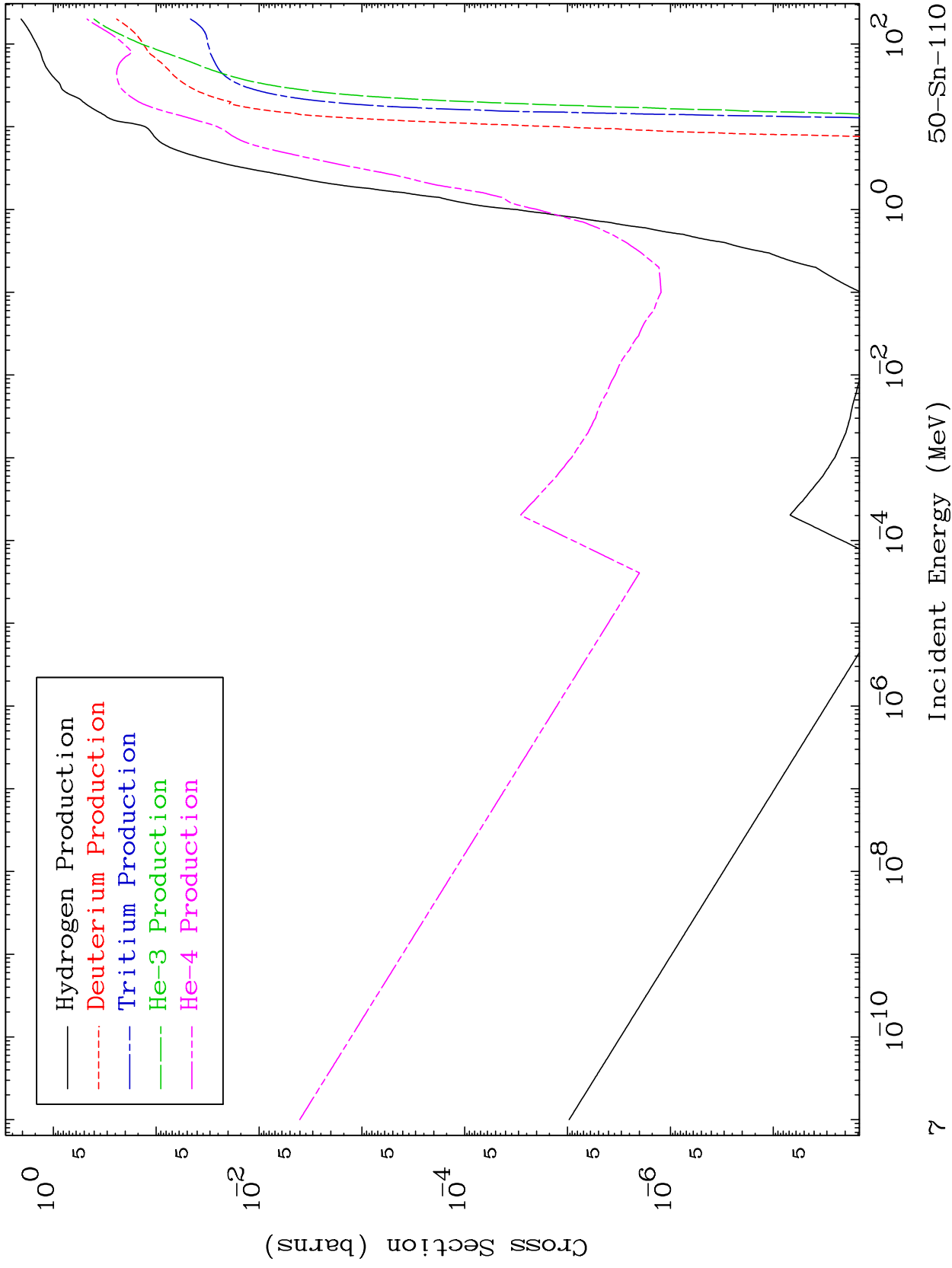
50-Sn-110



MAT 5019

Particle Production  
293 Kelvin Cross Sections

50-Sn-110

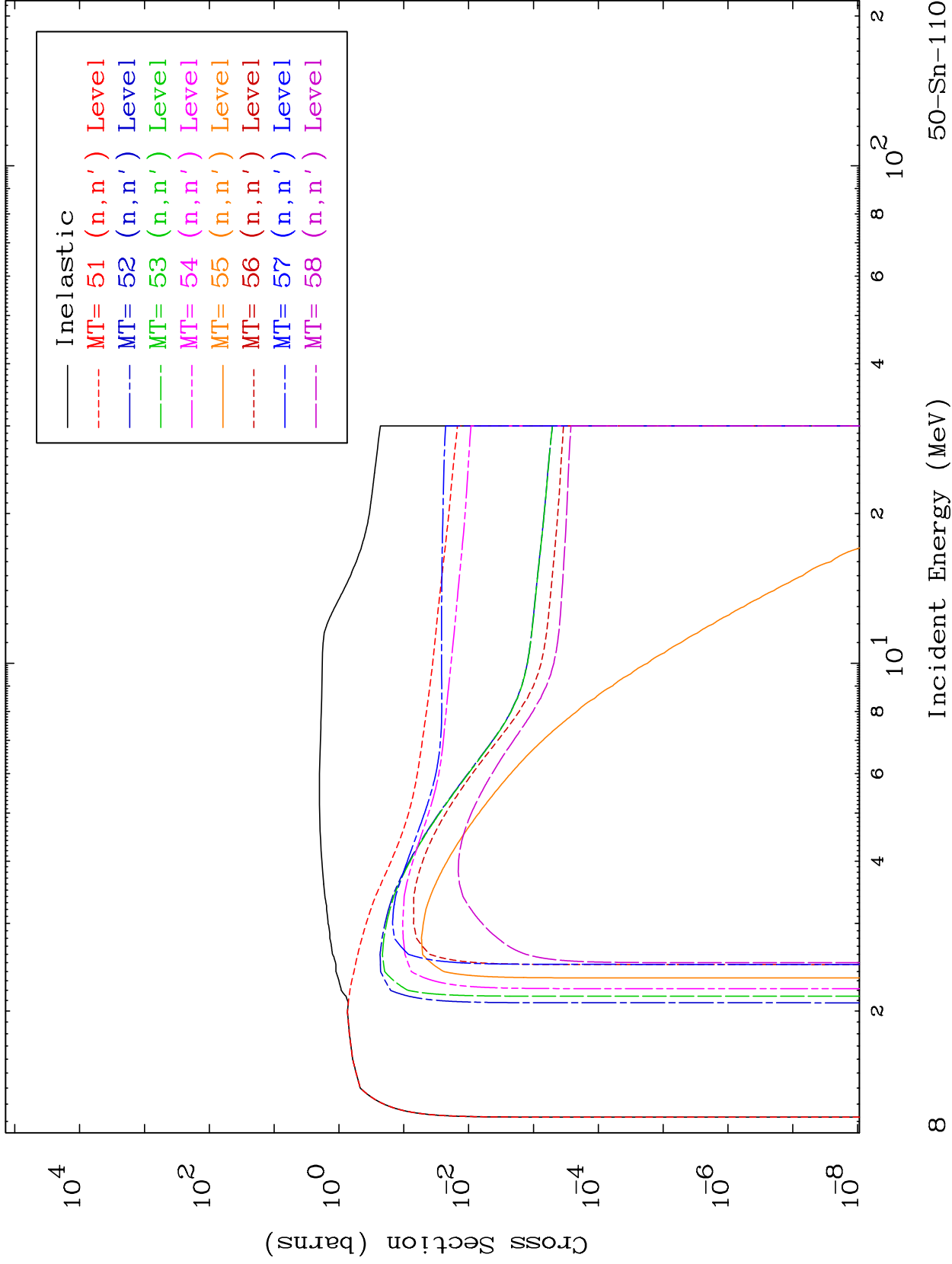


MAT 5019

(n,n') Levels

50-Sn-110

293 Kelvin Cross Sections

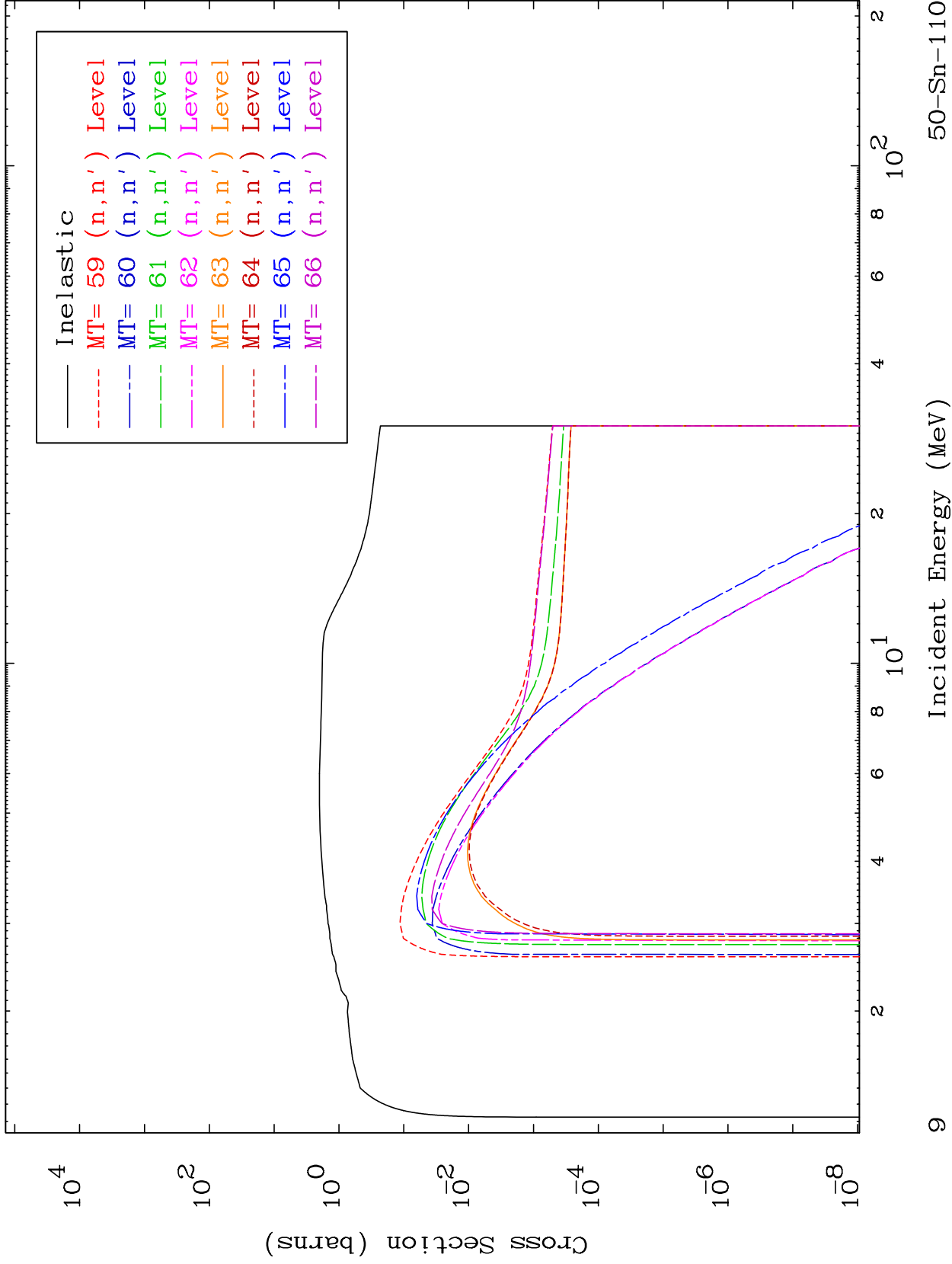


8

Incident Energy (MeV)

50-Sn-110

293 Kelvin Cross Sections

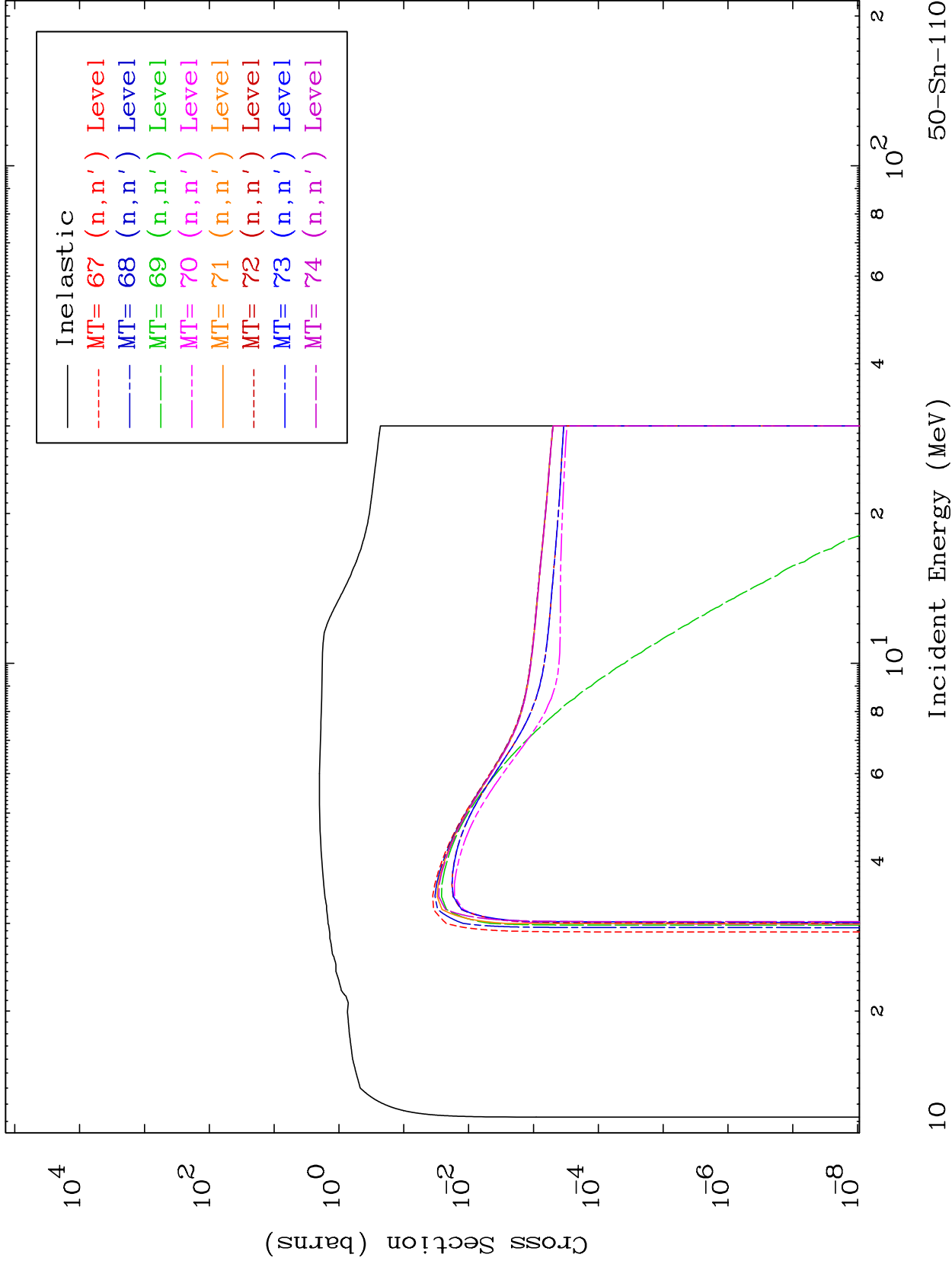


MAT 5019

(n,n') Levels

50-Sn-110

293 Kelvin Cross Sections



10

Incident Energy (MeV)

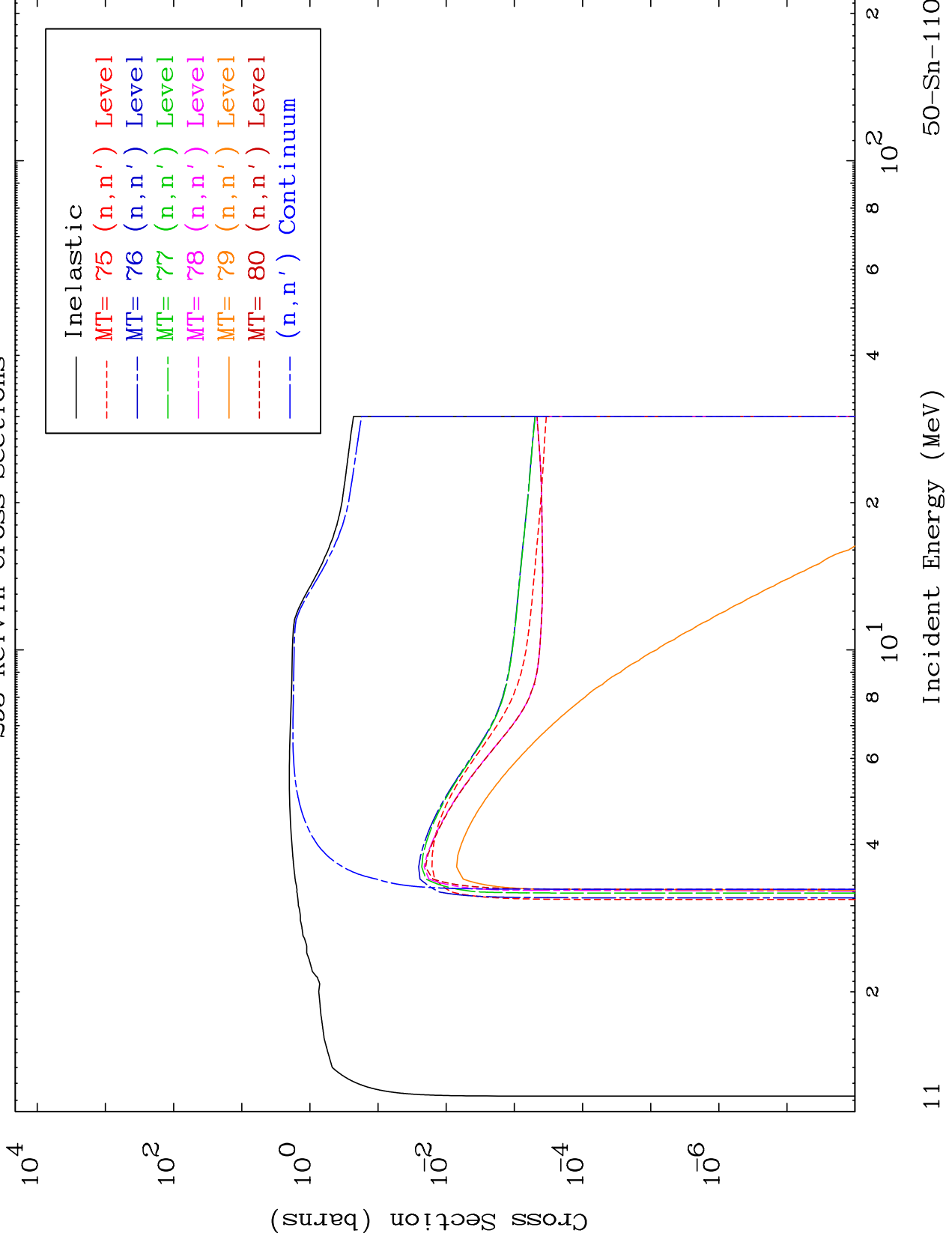
50-Sn-110

MAT 5019

(n,n') Levels

293 Kelvin Cross Sections

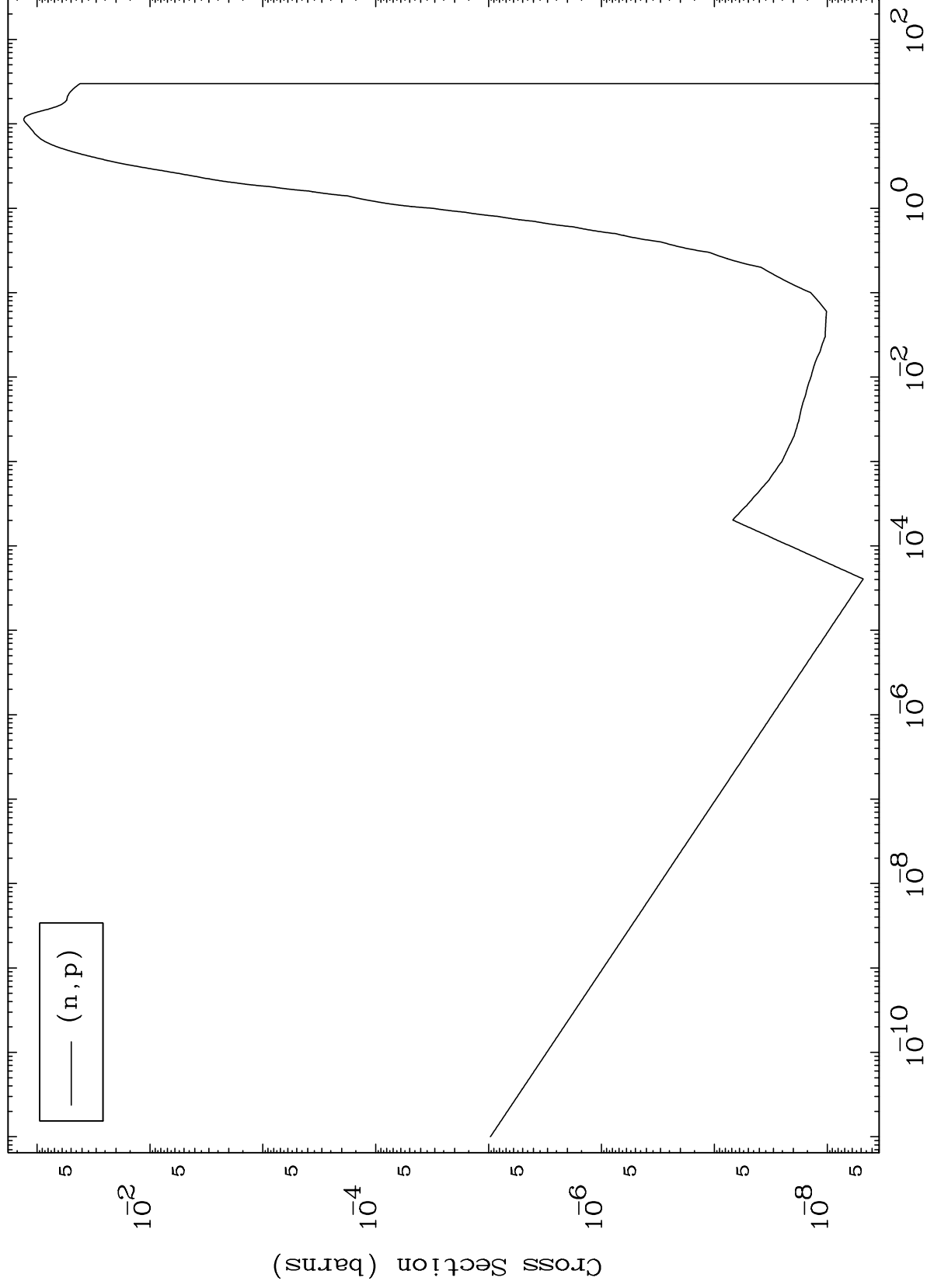
50-Sn-110



MAT 5019

(n,p) Levels  
293 Kelvin Cross Sections

50-Sn-110



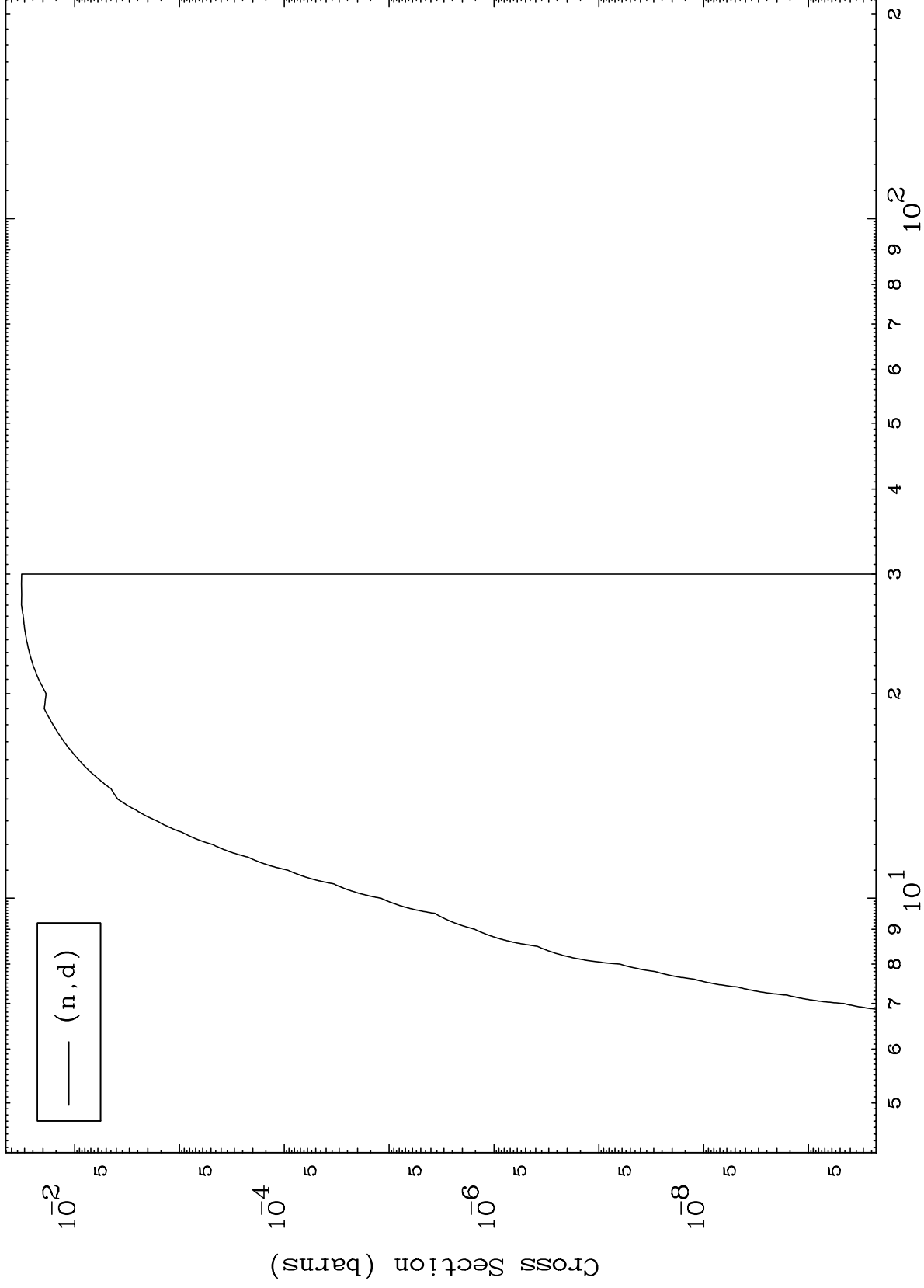
12

50-Sn-110

MAT 5019

(n,d) Levels  
293 Kelvin Cross Sections

50-Sn-110



13

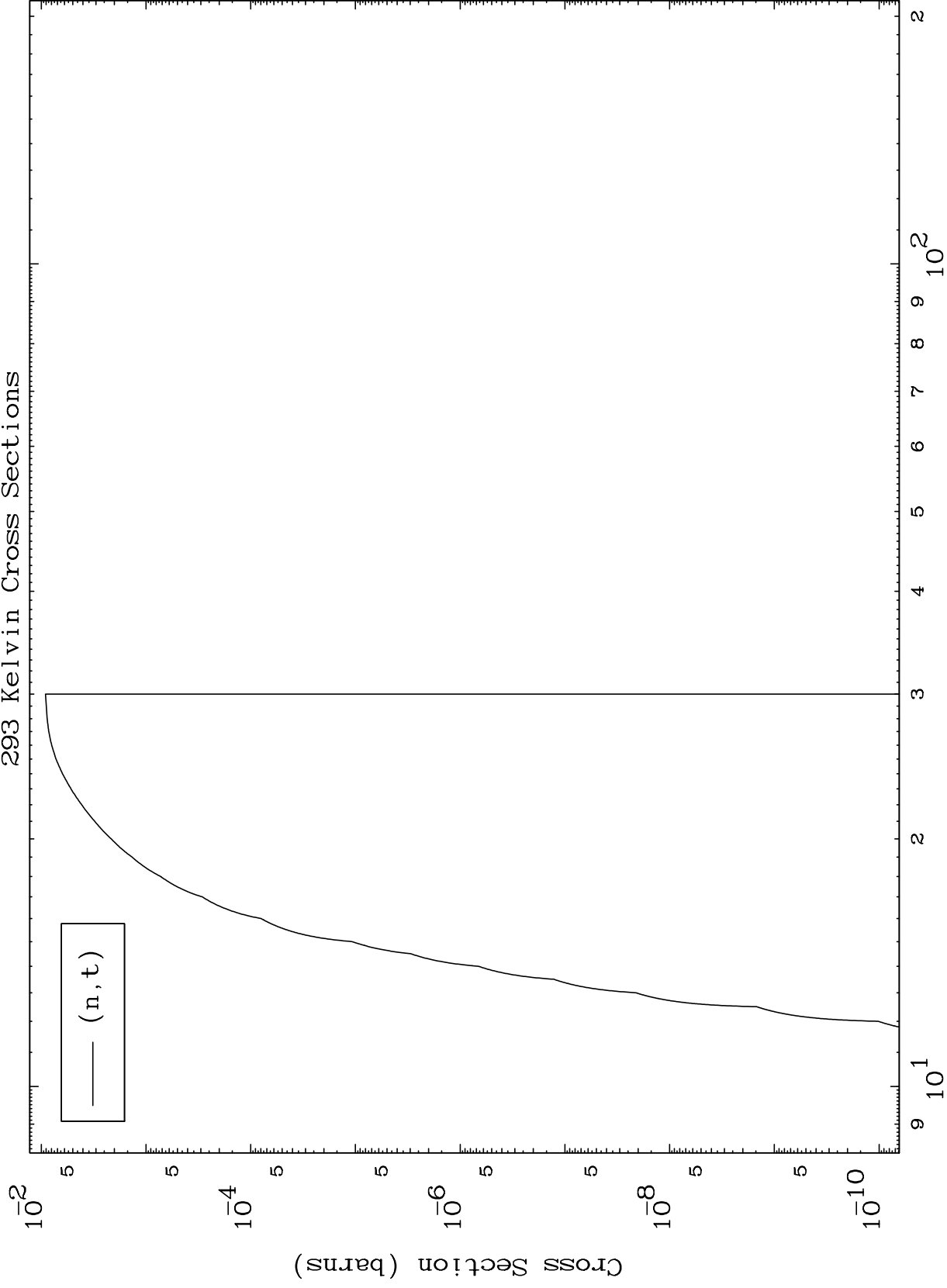
Incident Energy (MeV)

50-Sn-110

MAT 5019

(n,t) Levels  
293 Kelvin Cross Sections

50-Sn-110



14

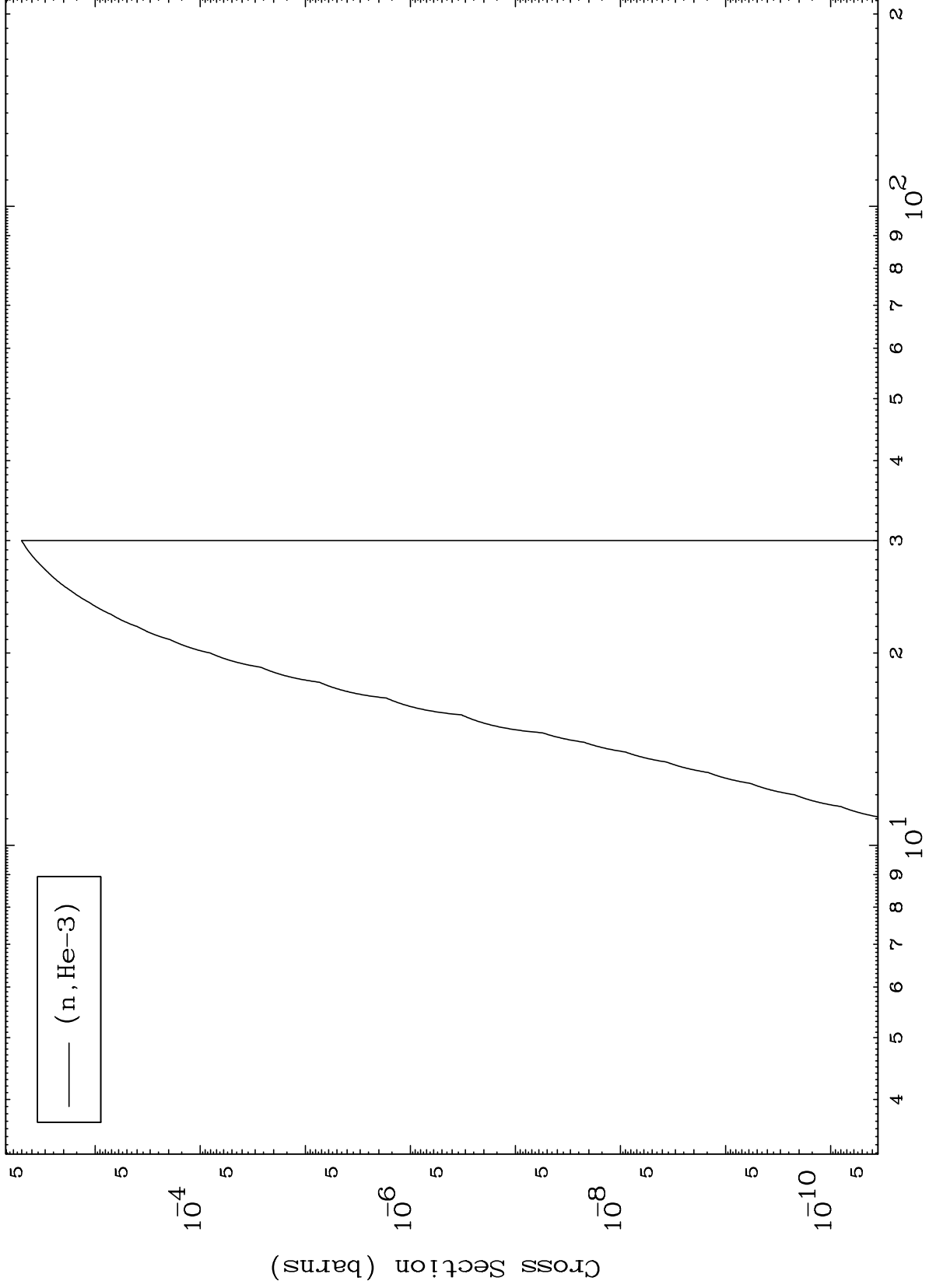
Incident Energy (MeV)

50-Sn-110

MAT 5019

(n,He3) Levels  
293 Kelvin Cross Sections

50-Sn-110



15

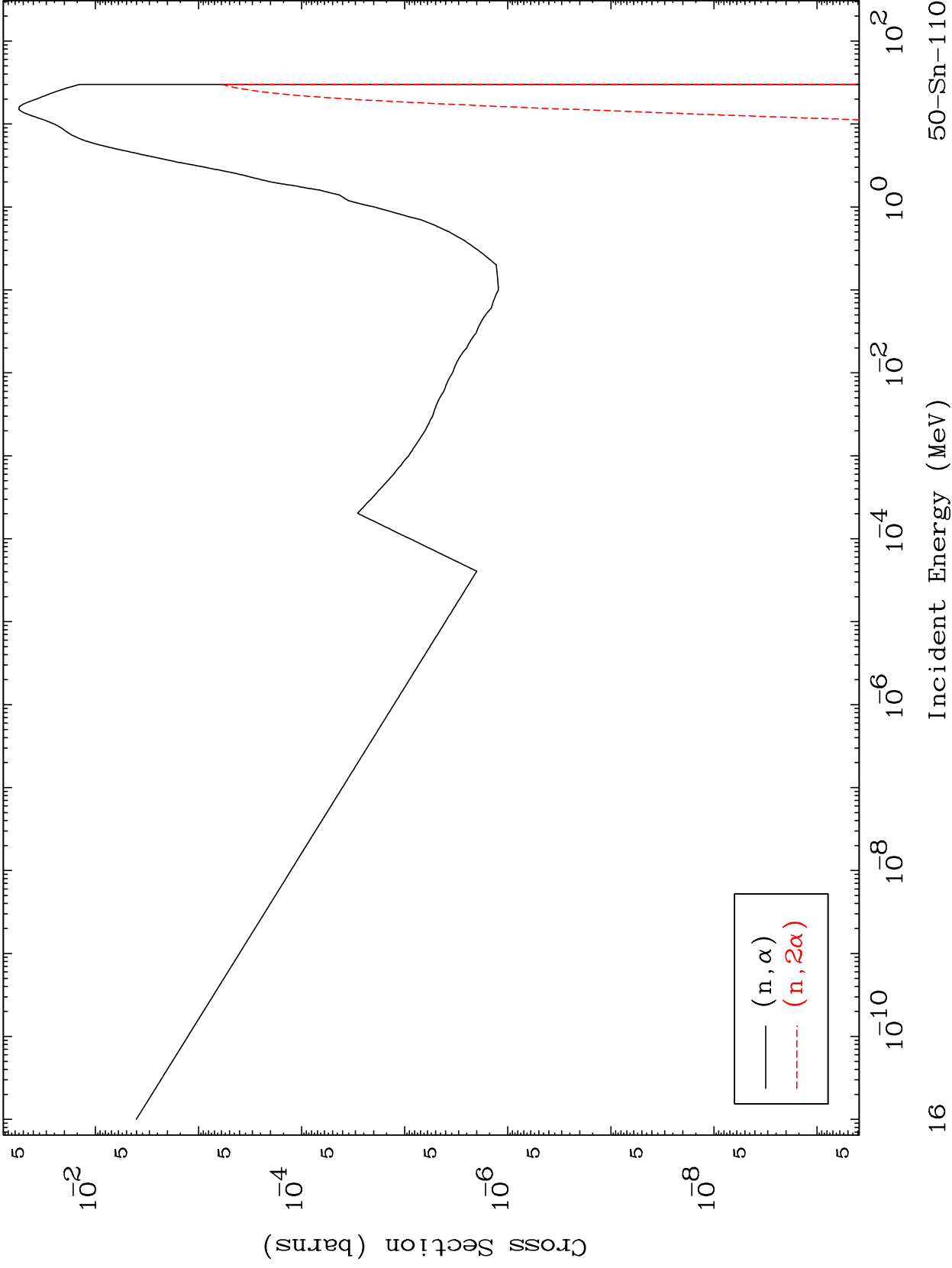
Incident Energy (MeV)

50-Sn-110

MAT 5019

(n,α) Levels  
293 Kelvin Cross Sections

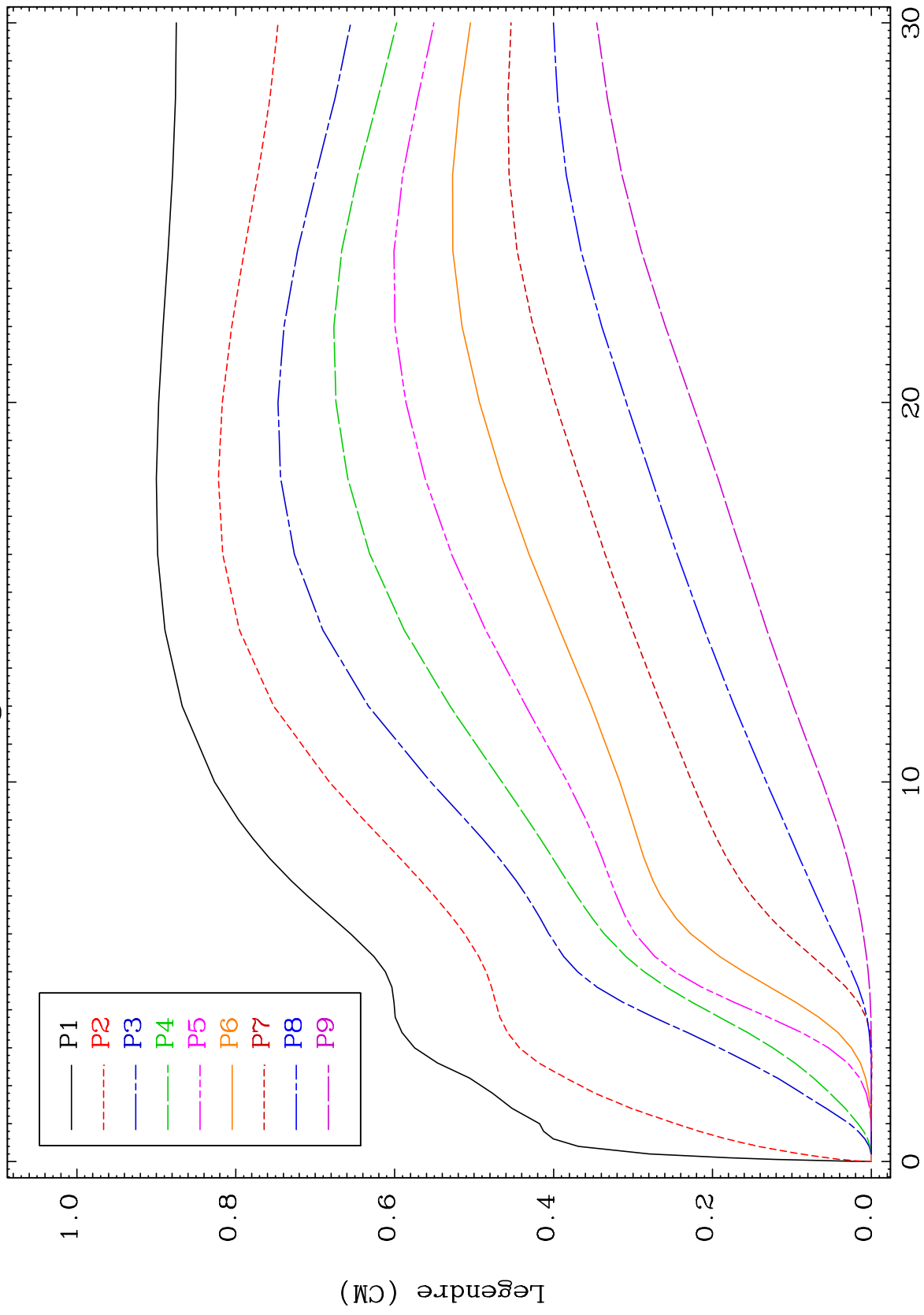
50-Sn-110



MAT 5019

Elastic Legendre Coefficients

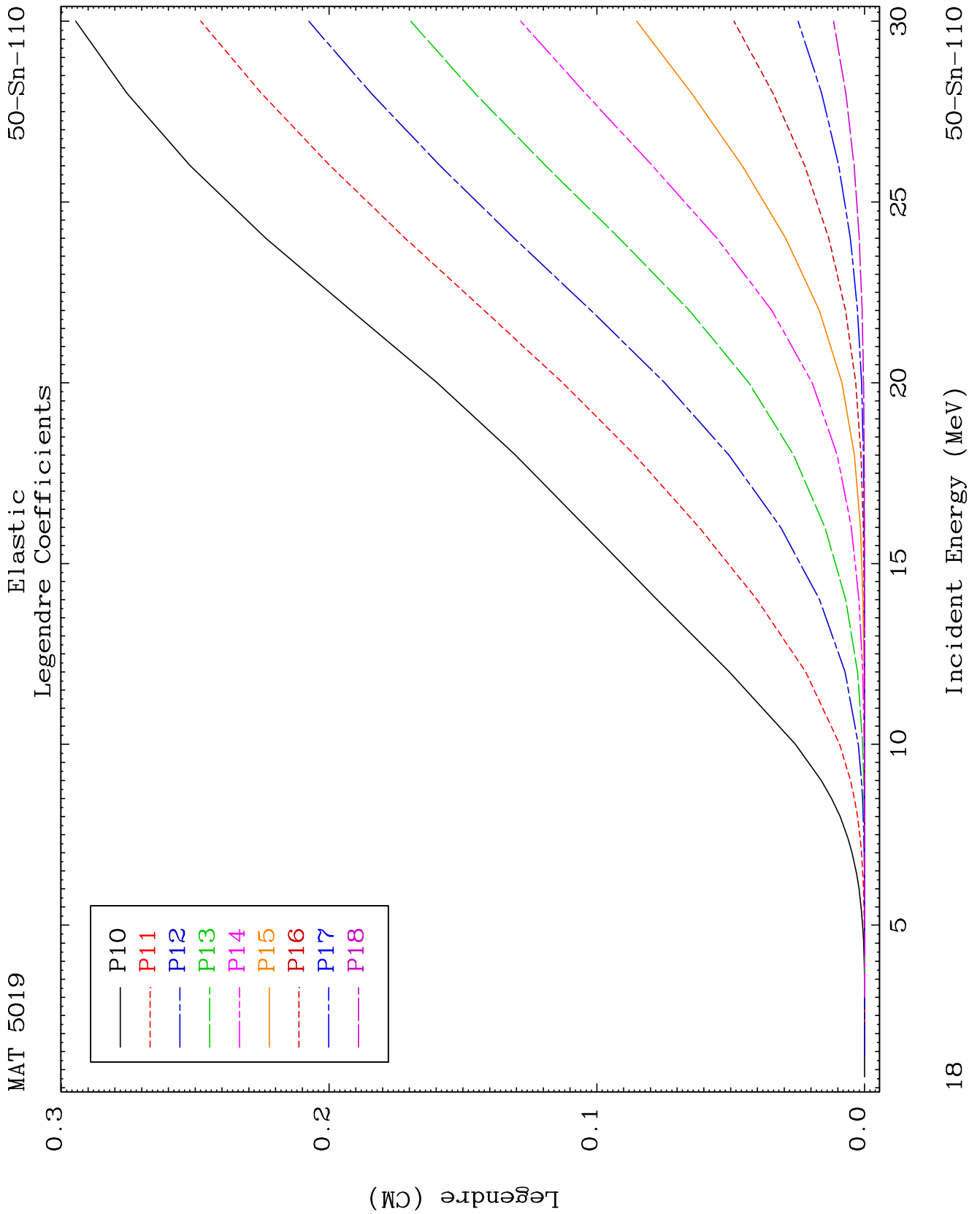
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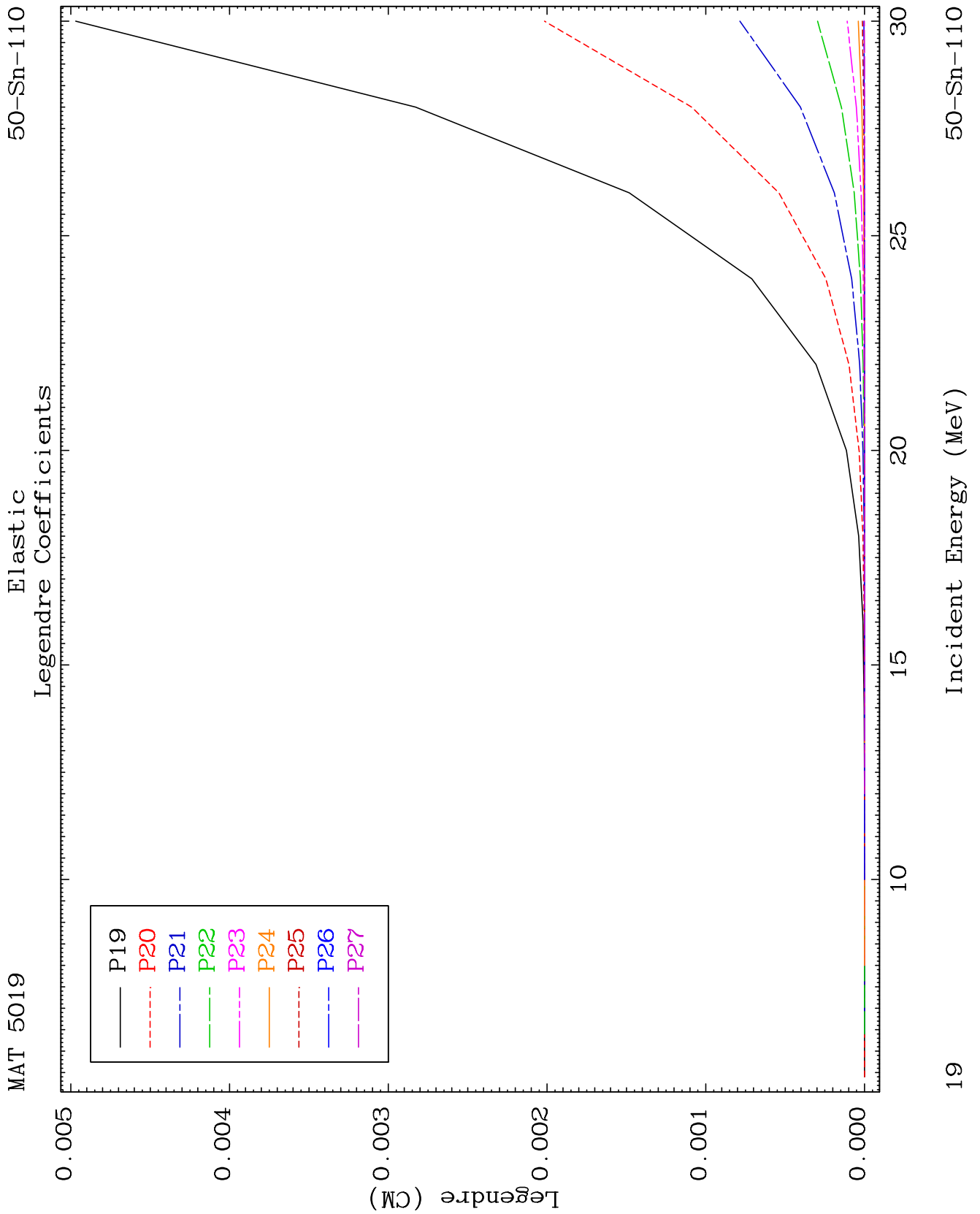


17

Incident Energy (MeV)

50-Sn-110

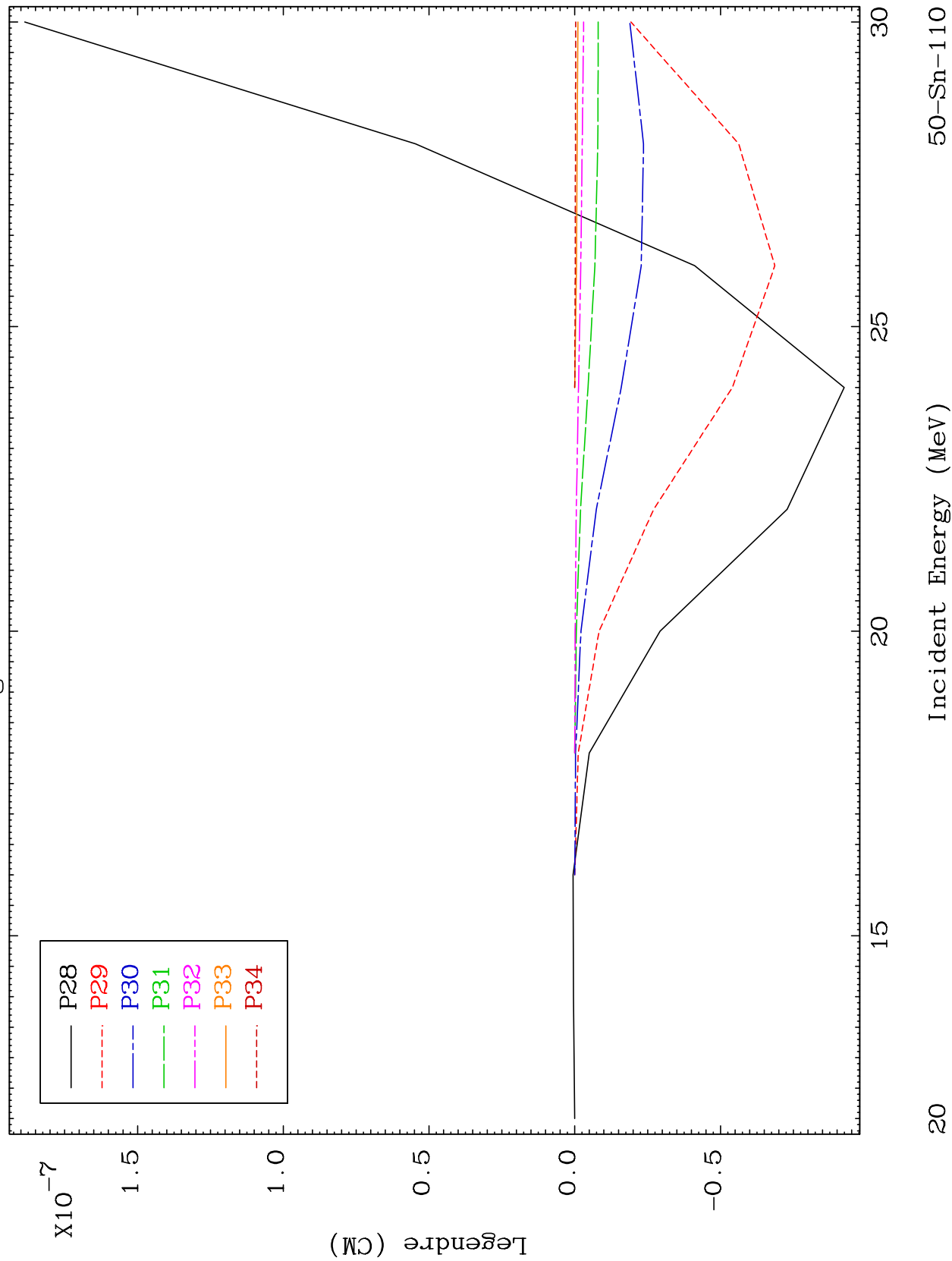




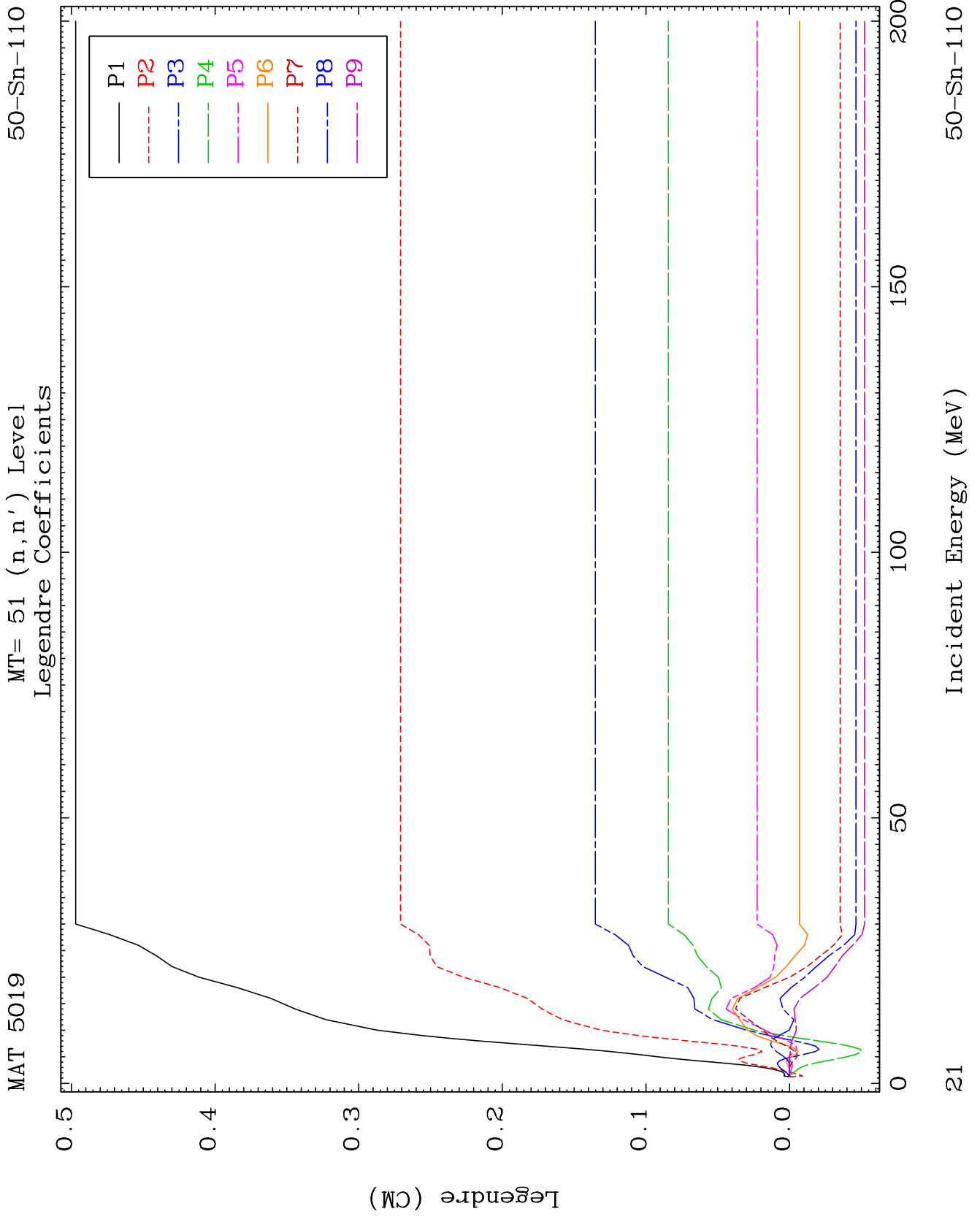
MAT 5019

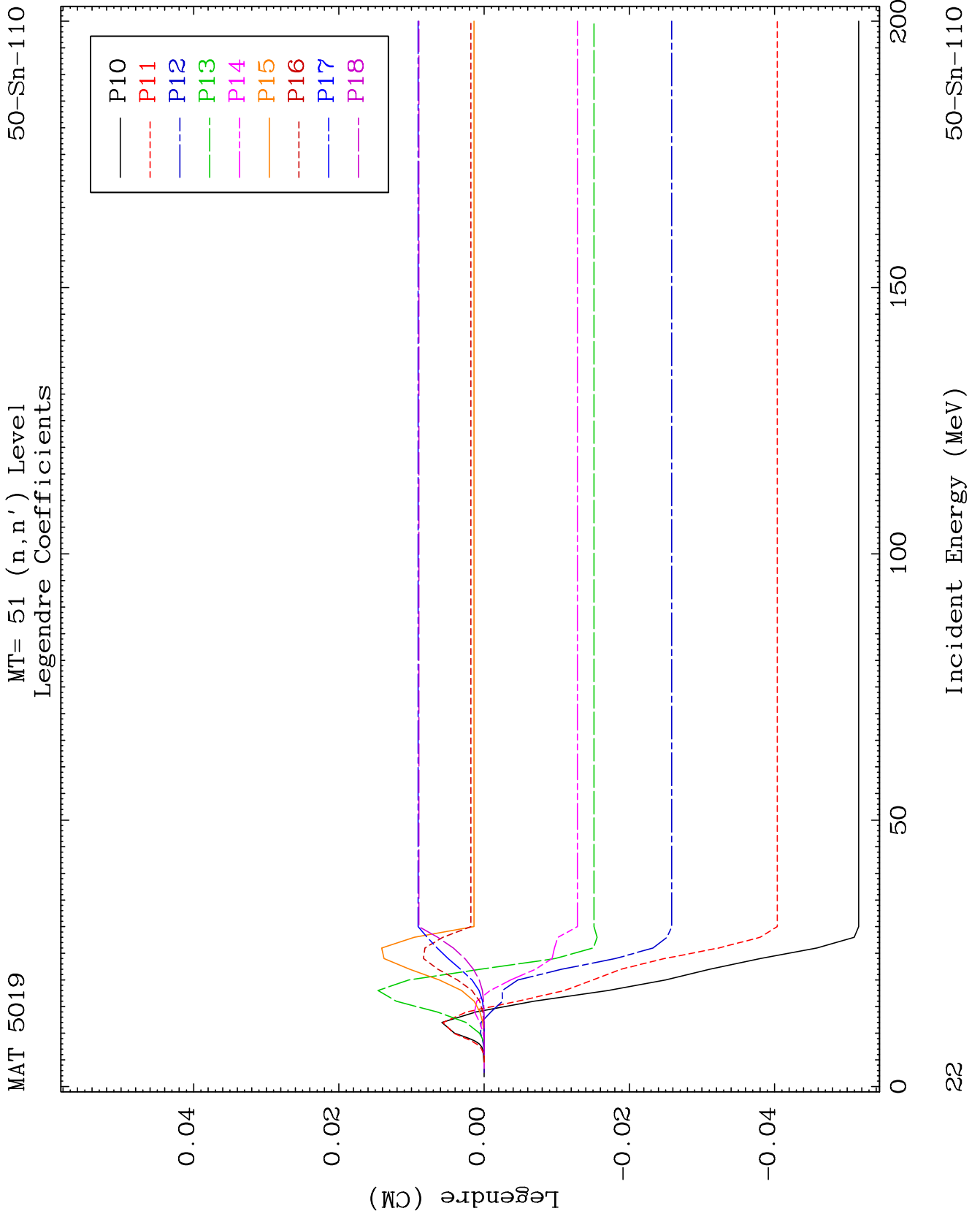
Elastic Legendre Coefficients

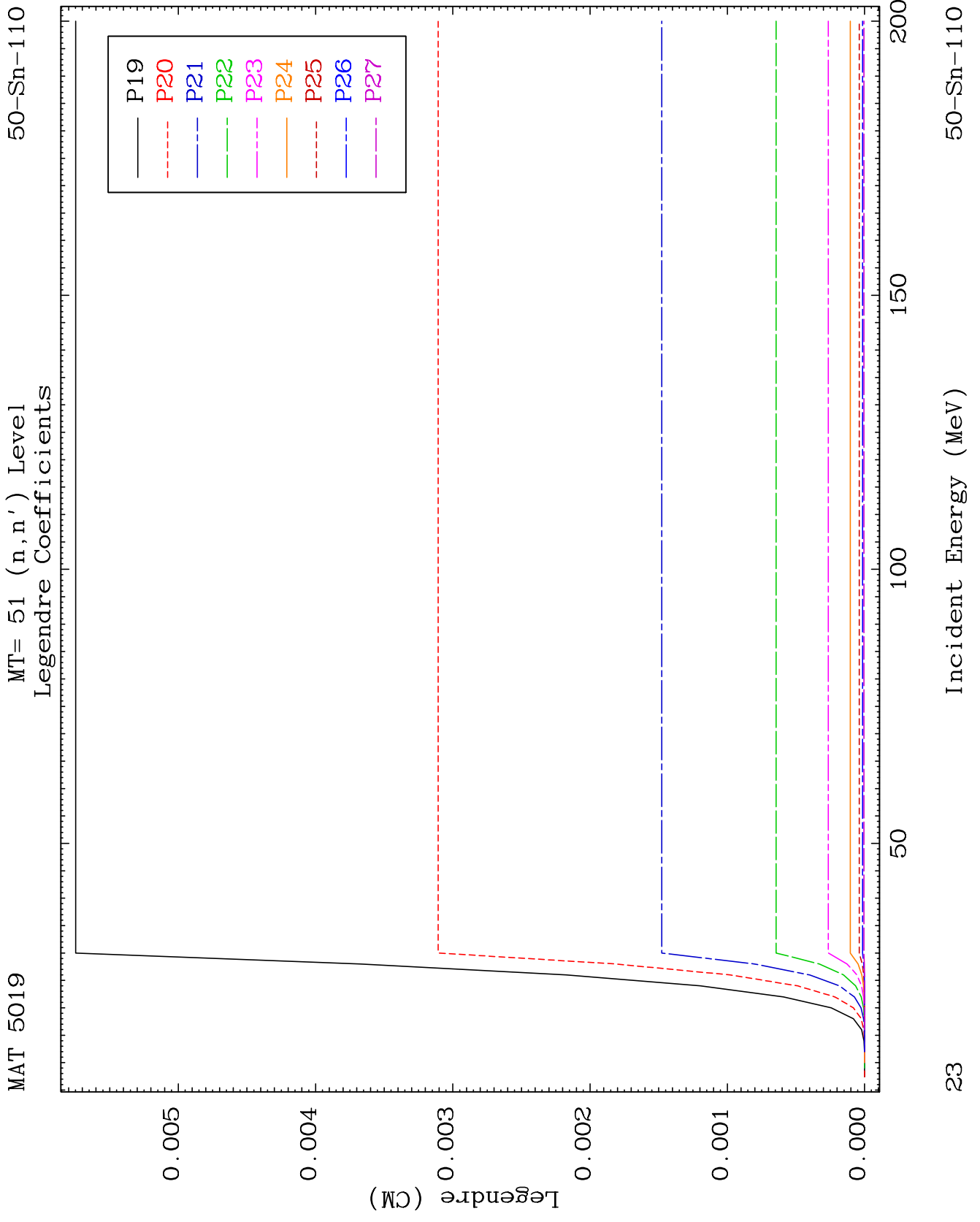
50-Sn-110



- P28
- P29
- P30
- P31
- P32
- P33
- P34



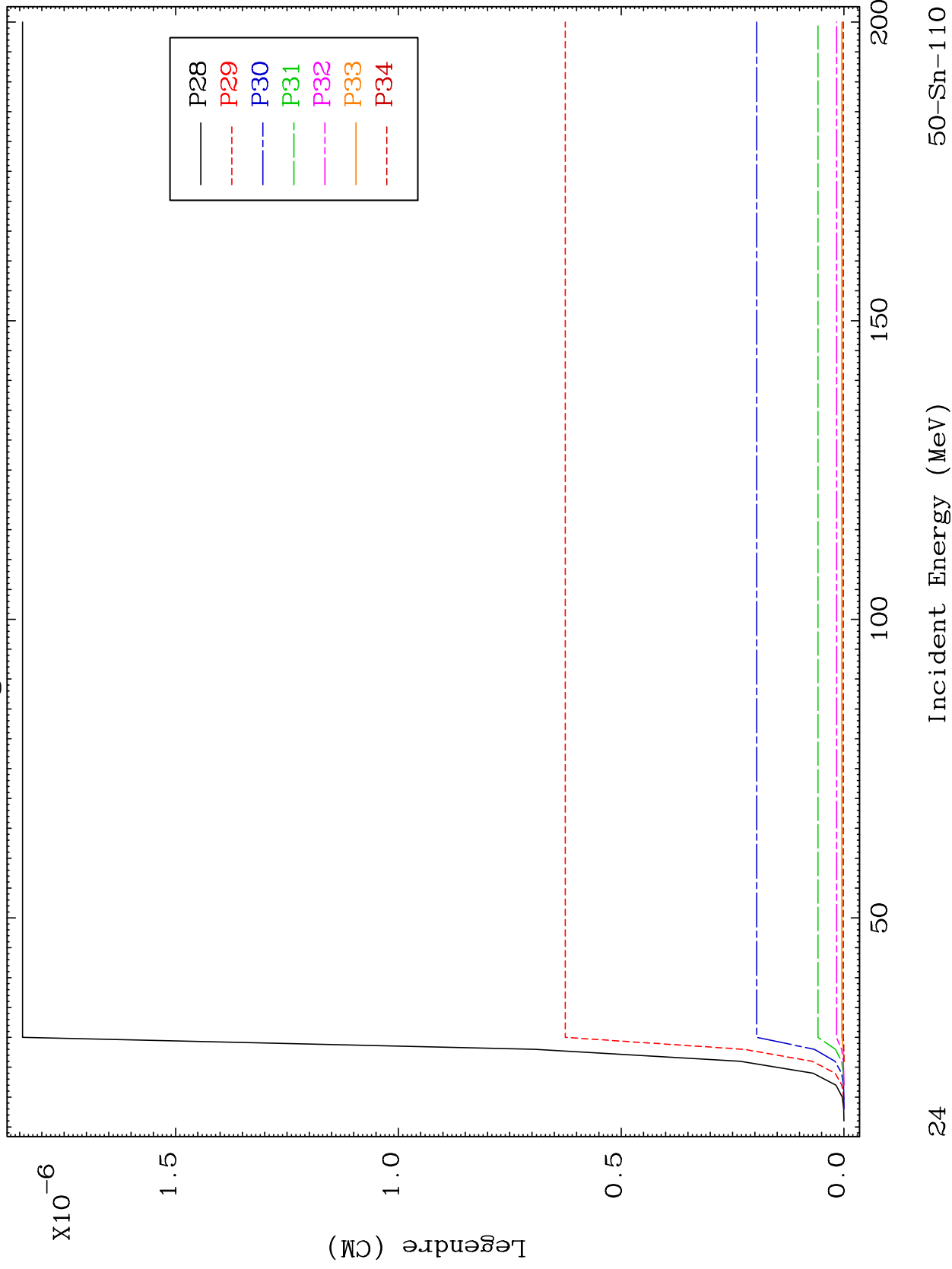




MAT 5019

MT= 51 (n,n') Level  
Legendre Coefficients

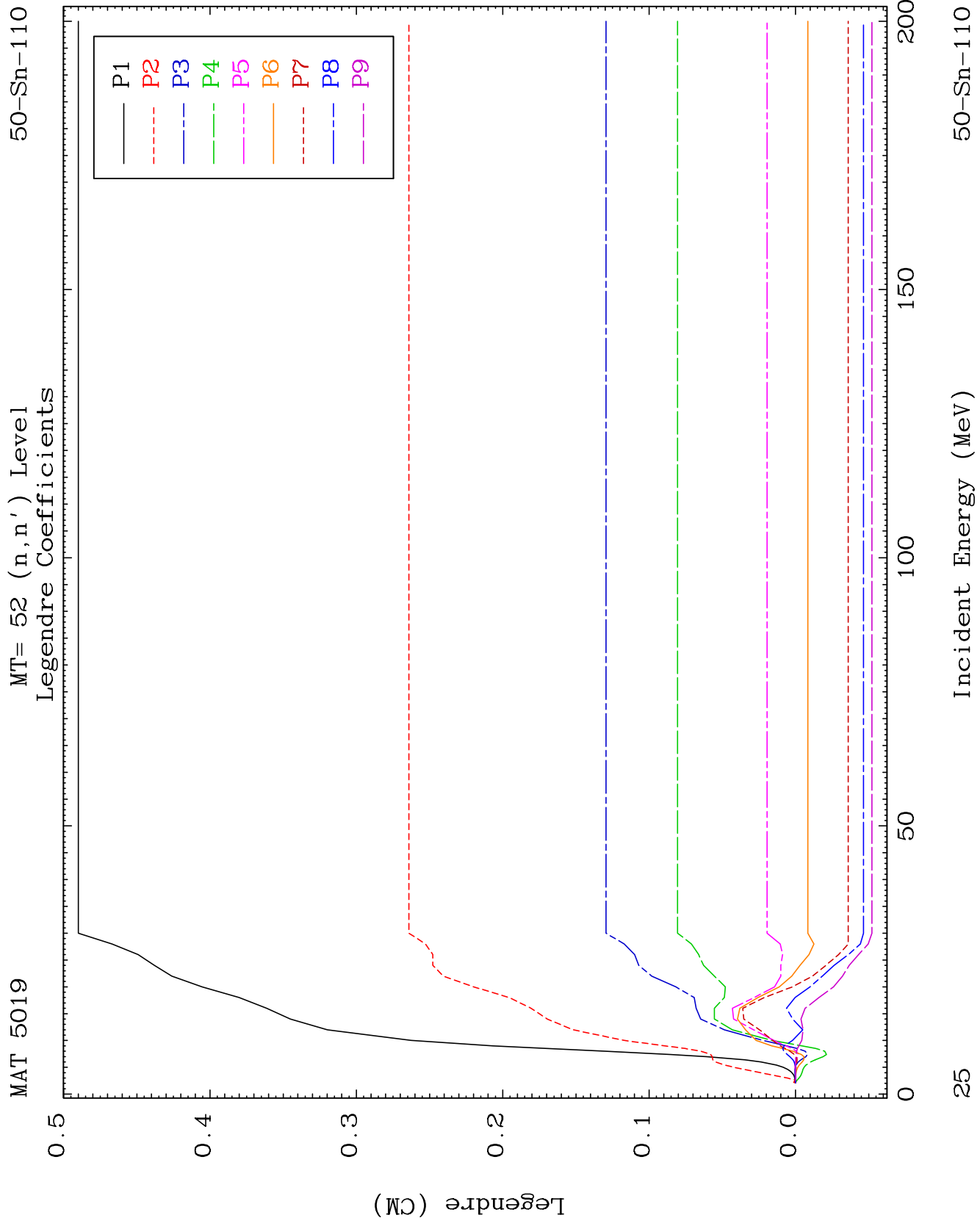
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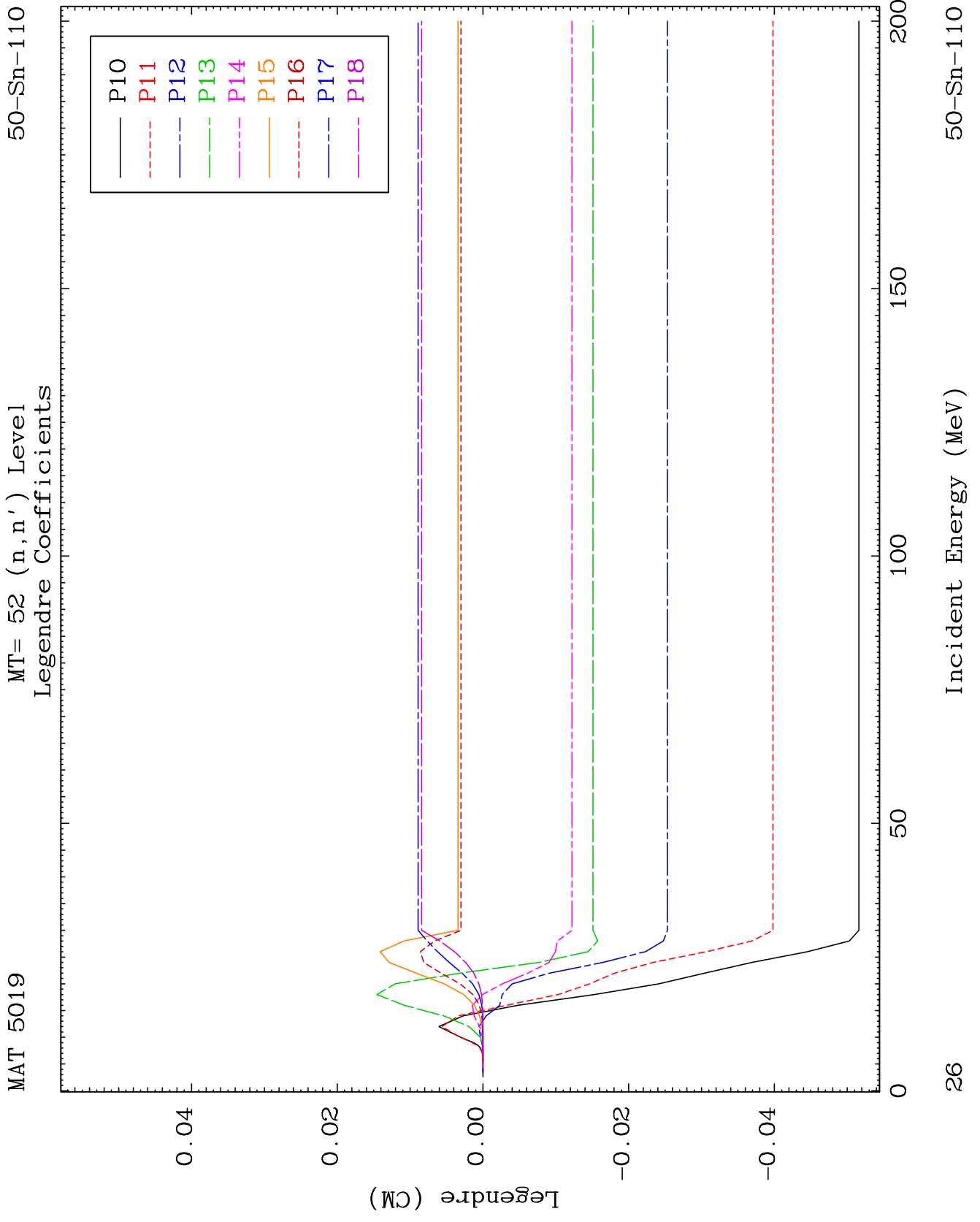


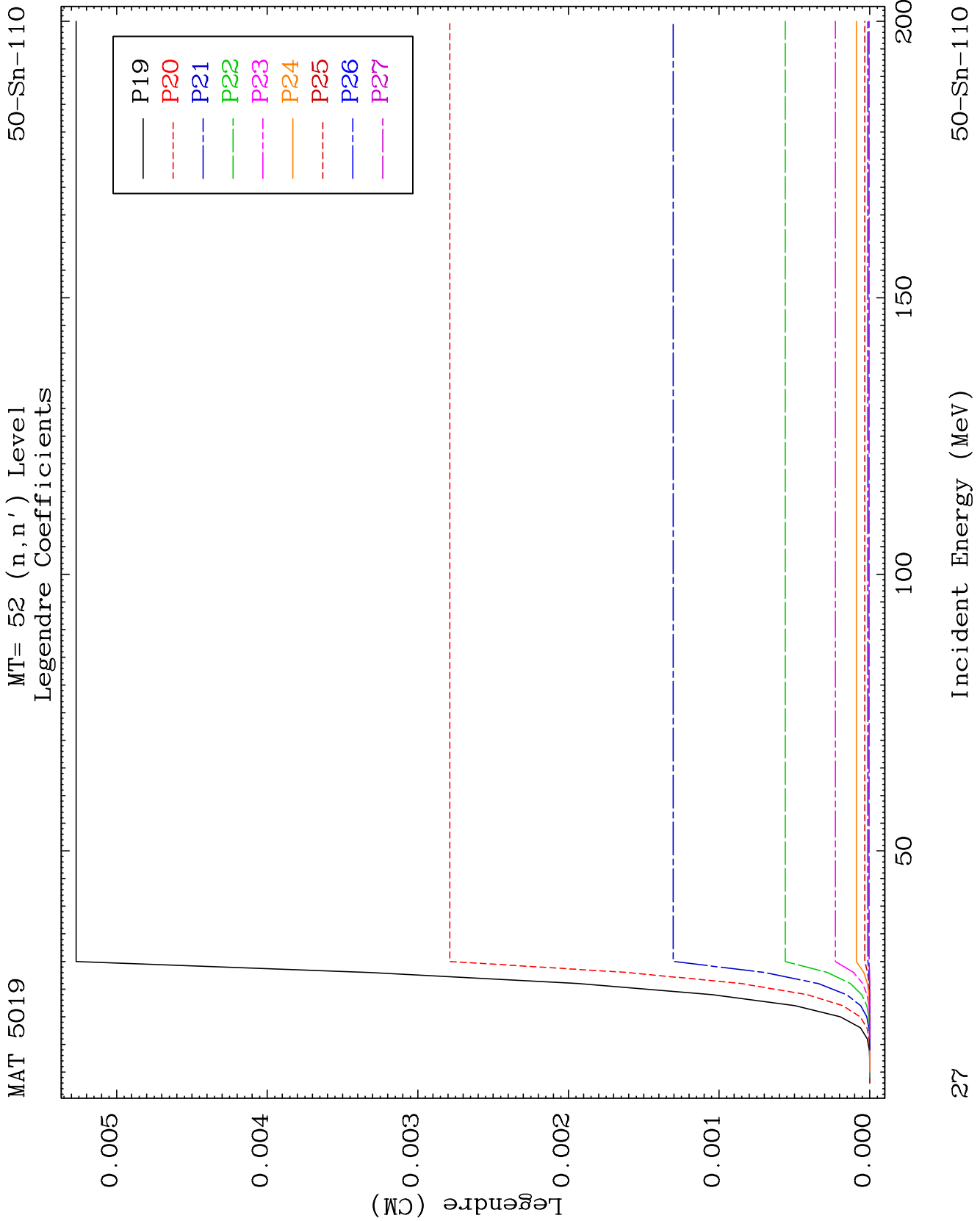
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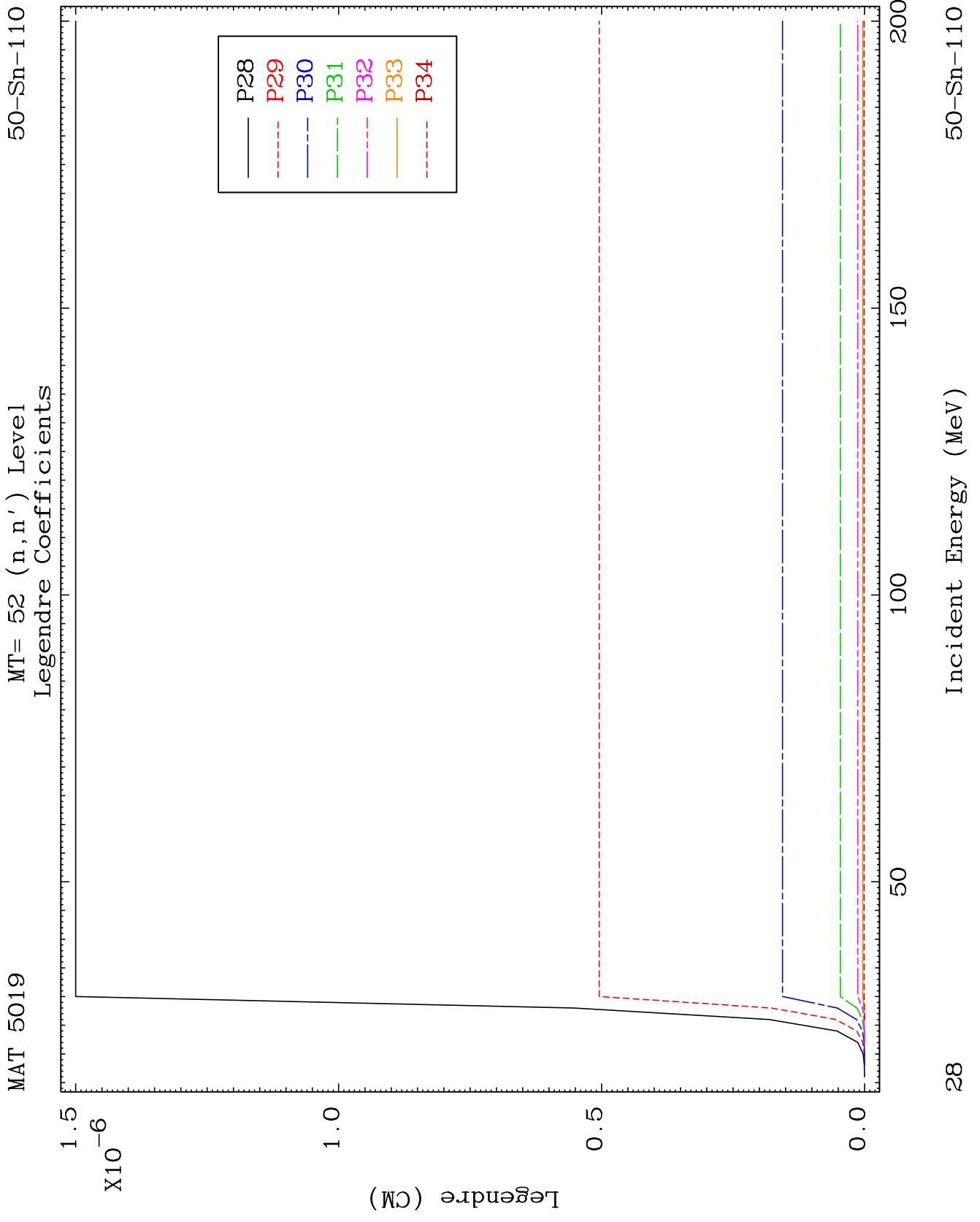
Incident Energy (MeV)

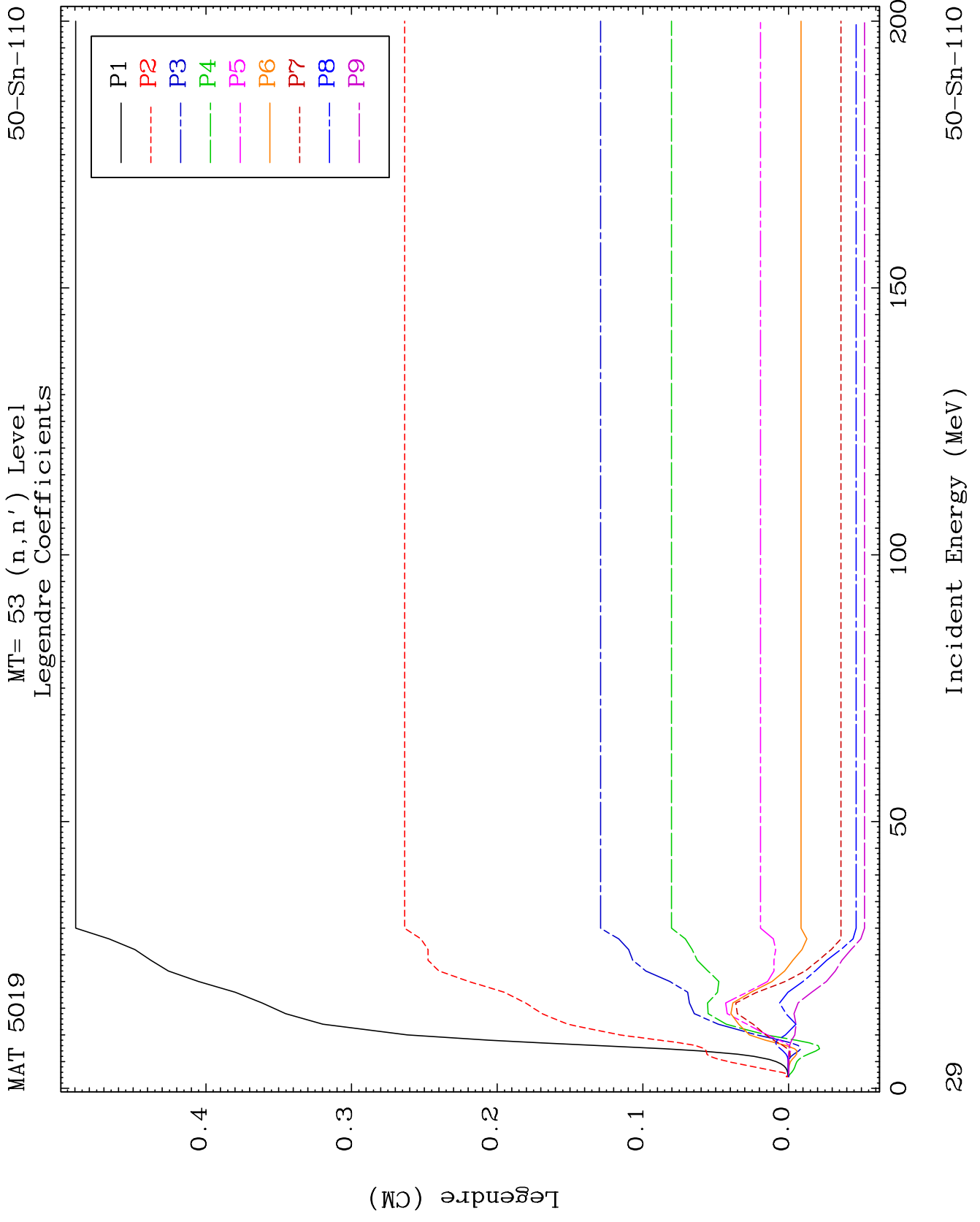
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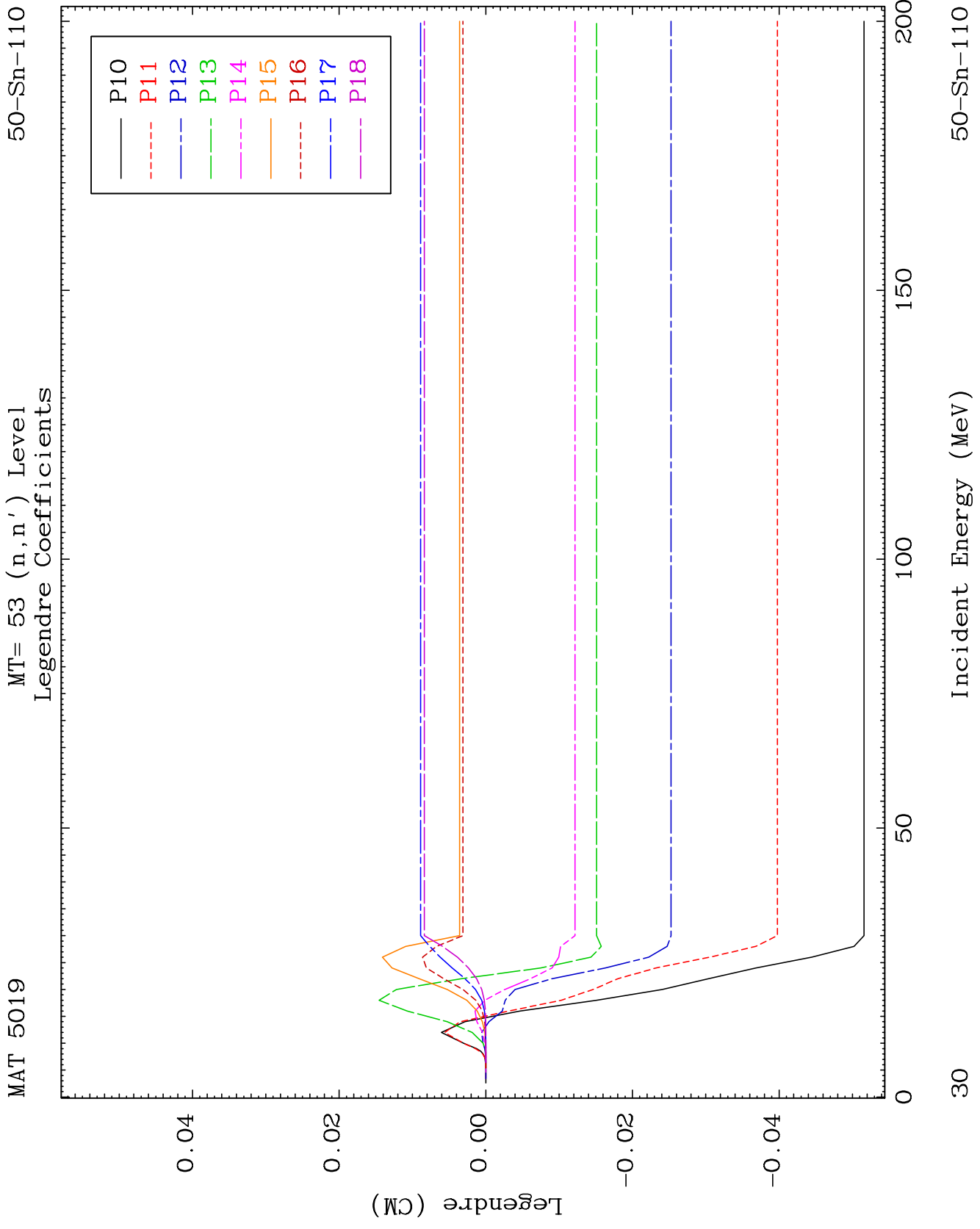


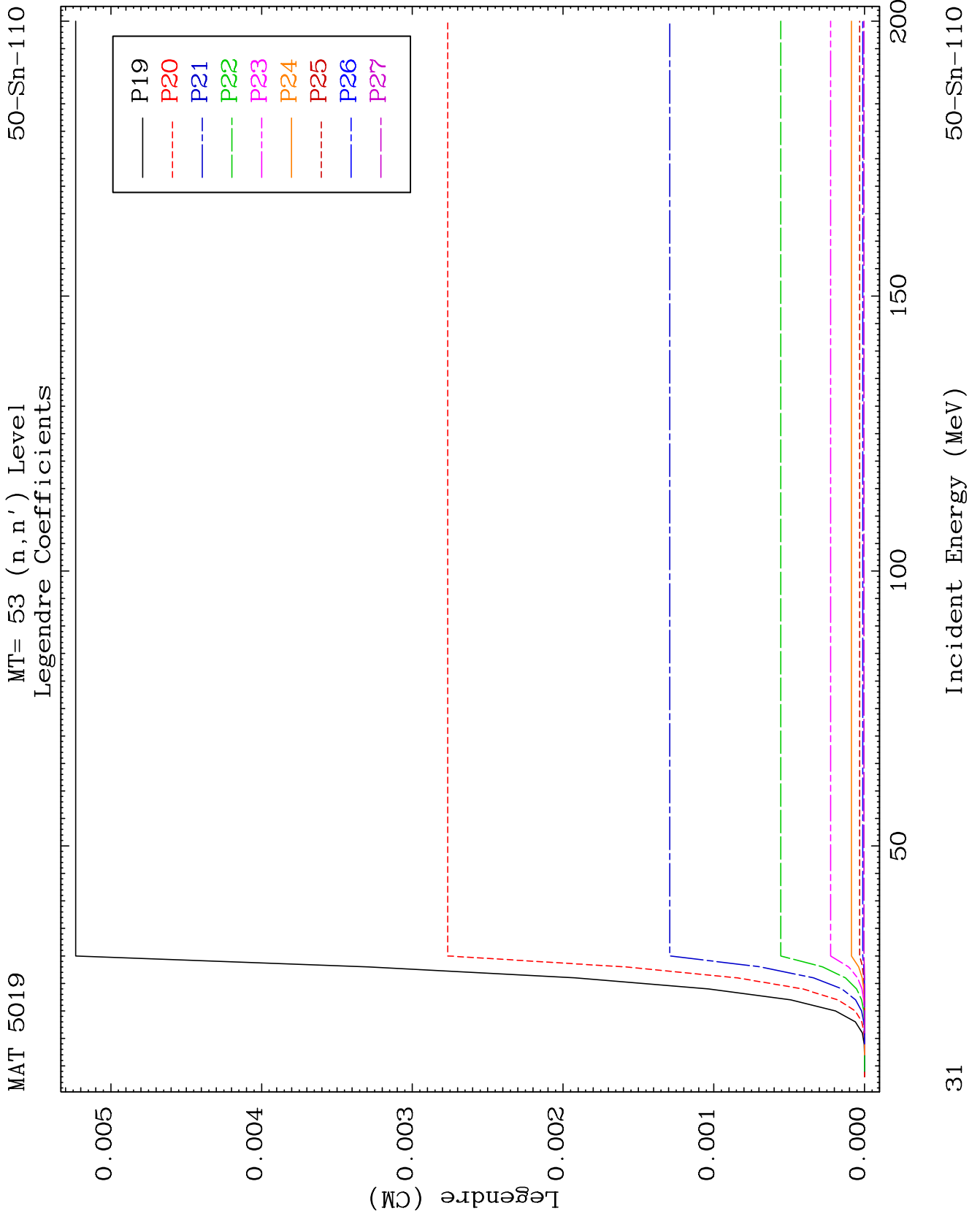


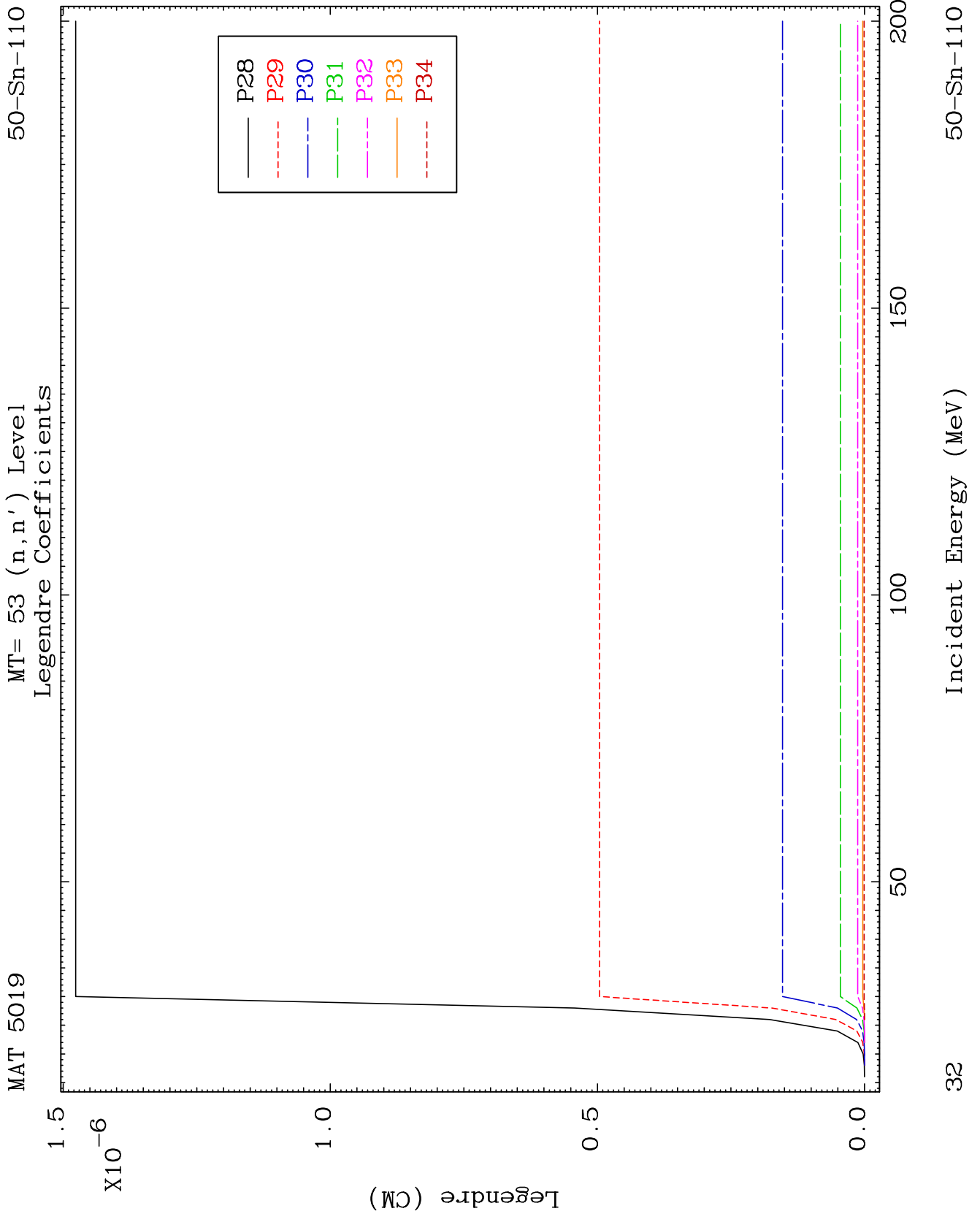


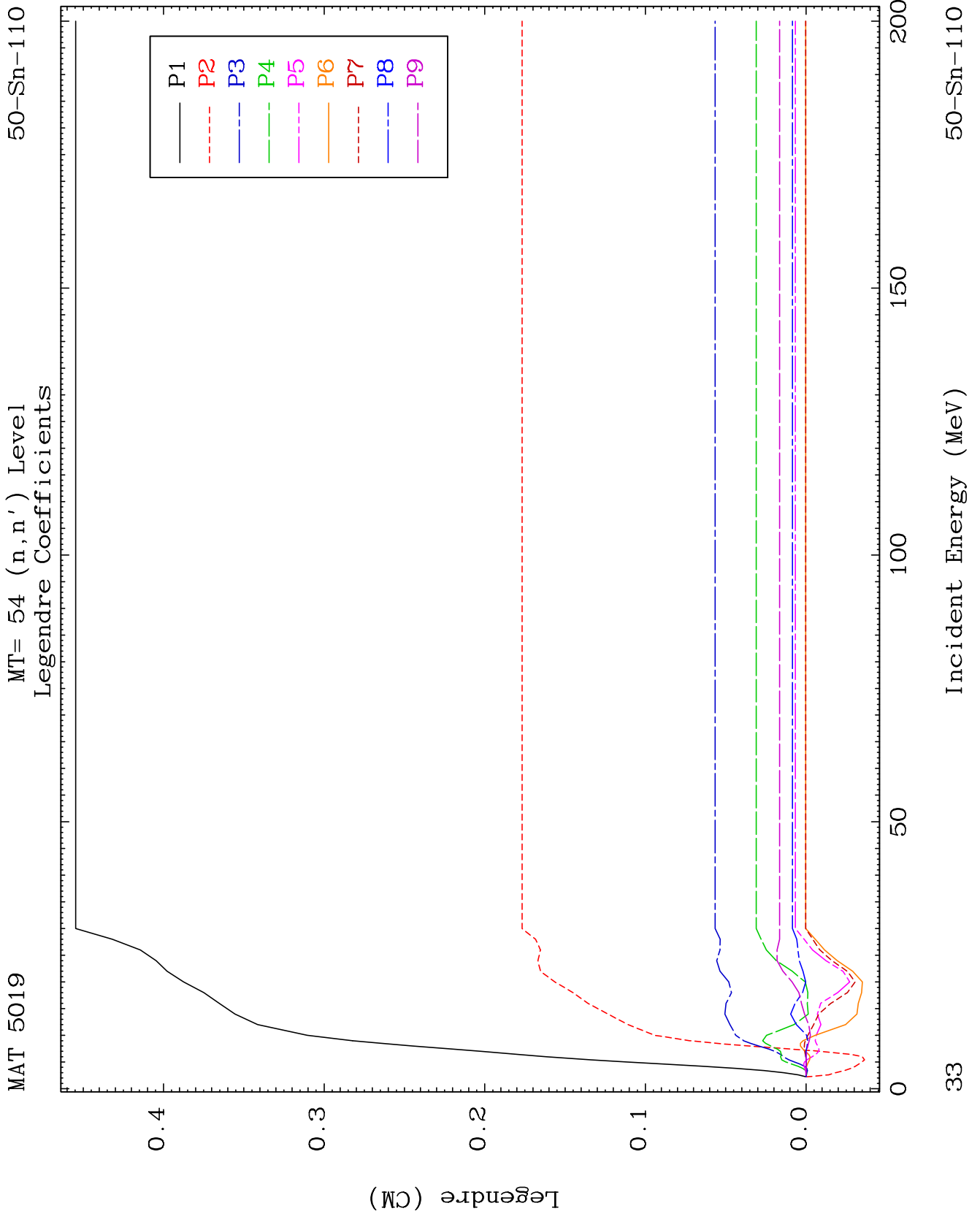


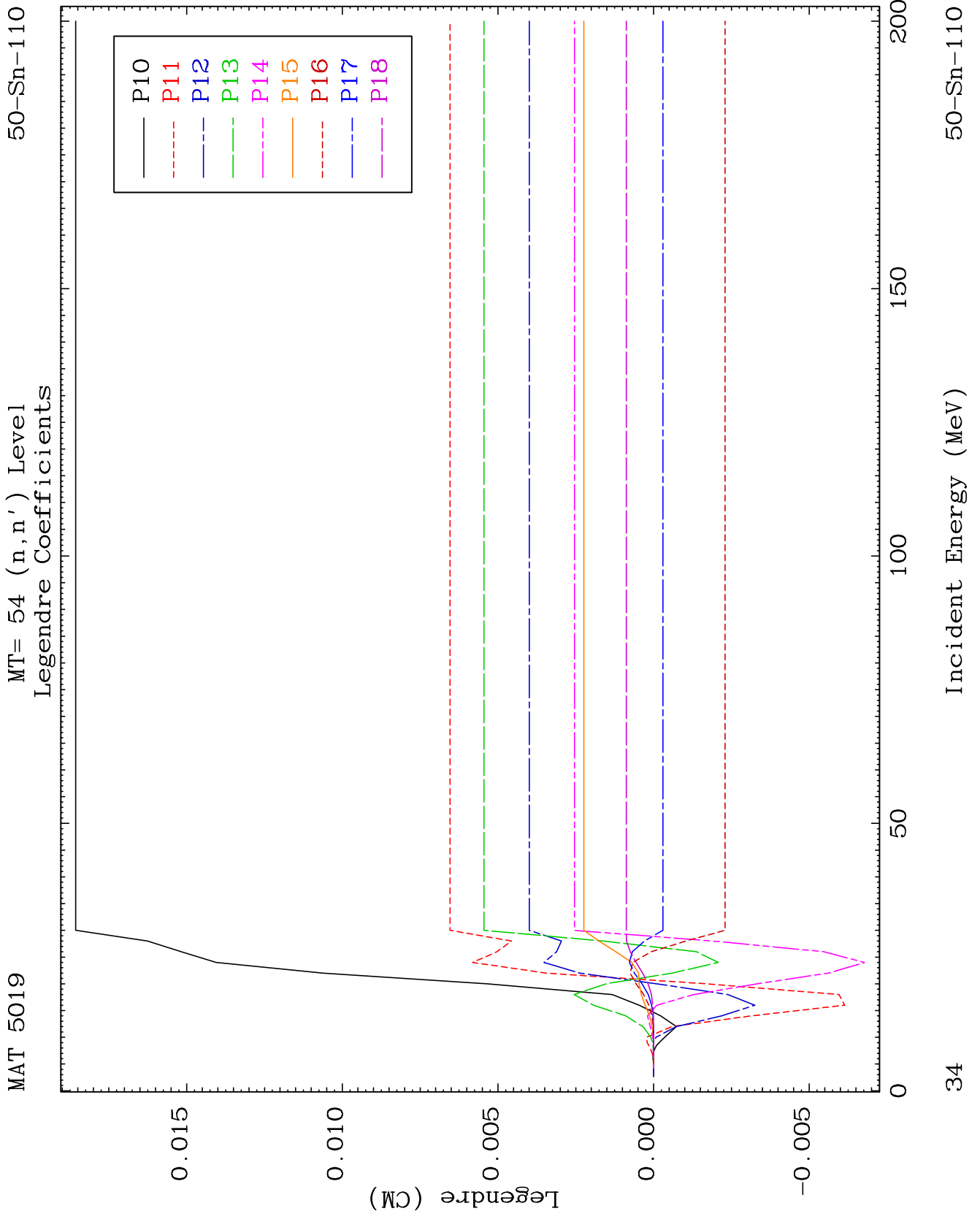


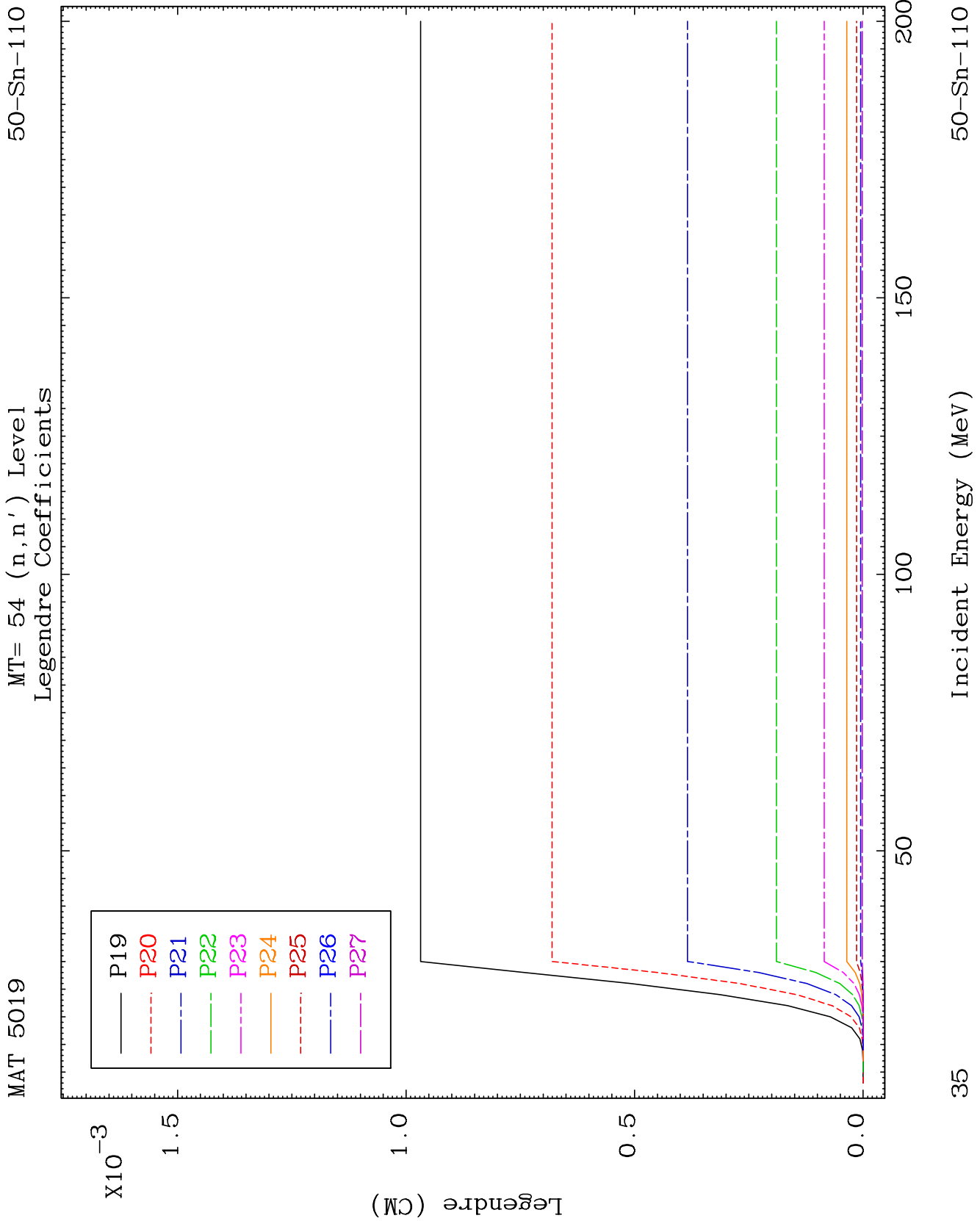


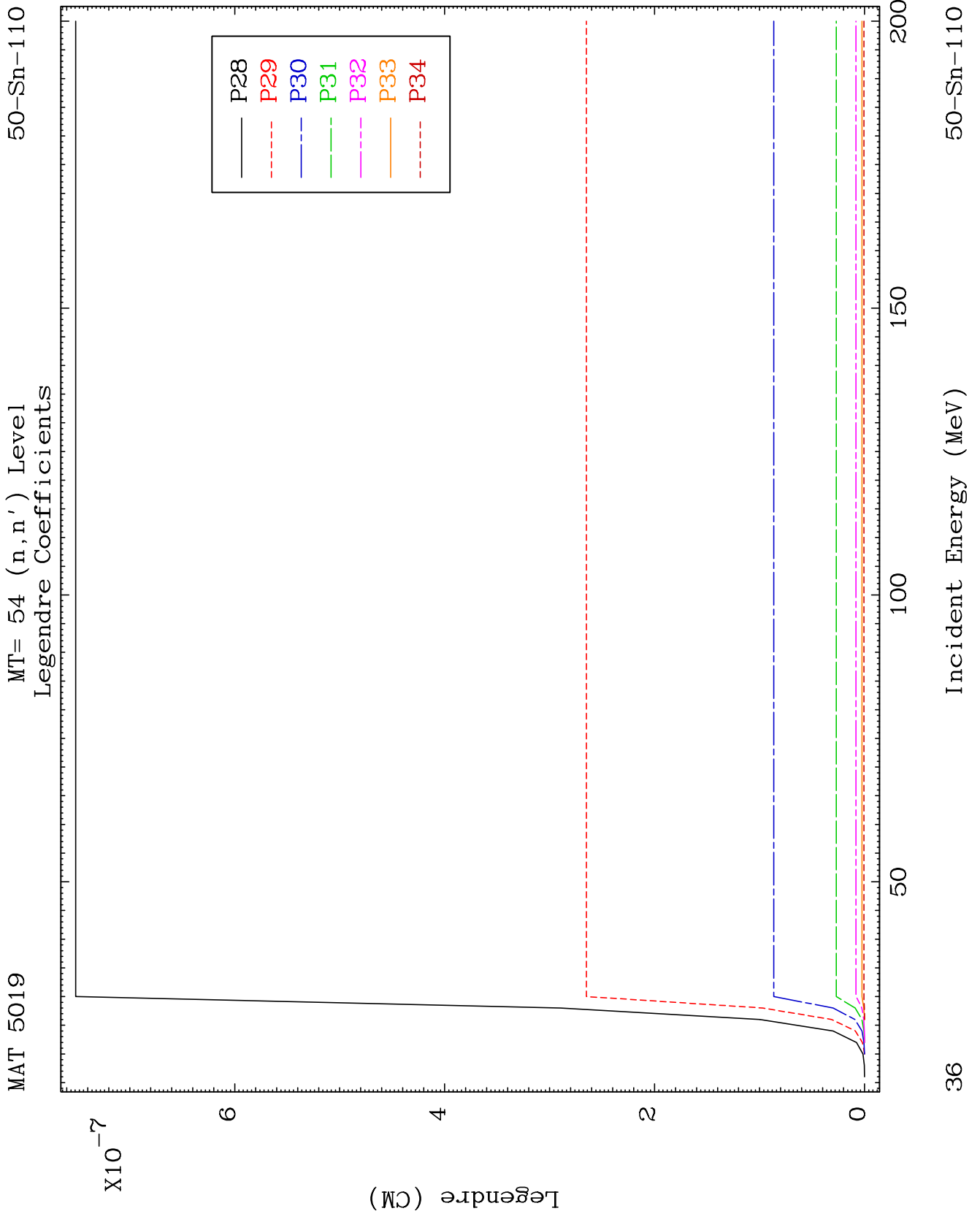


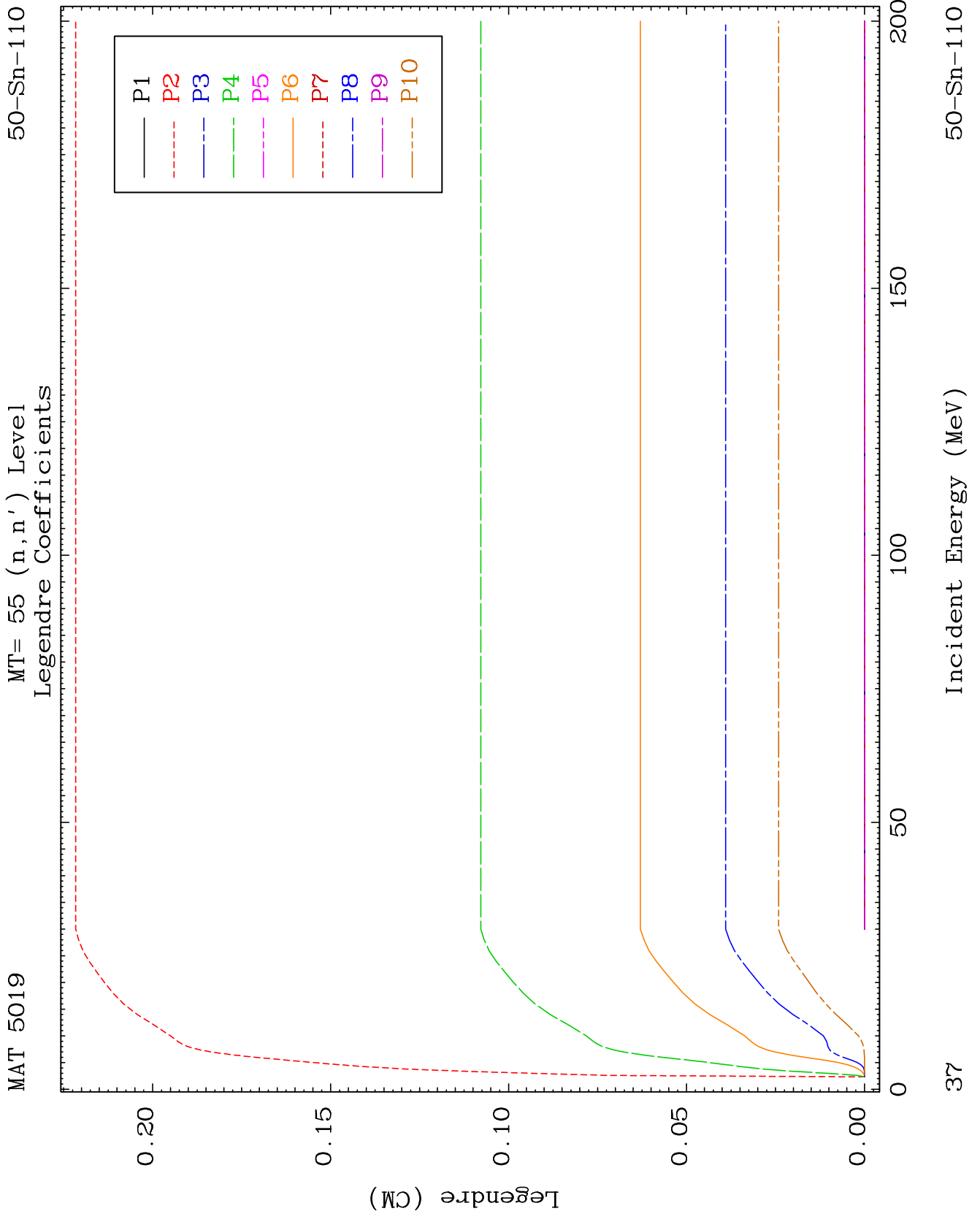


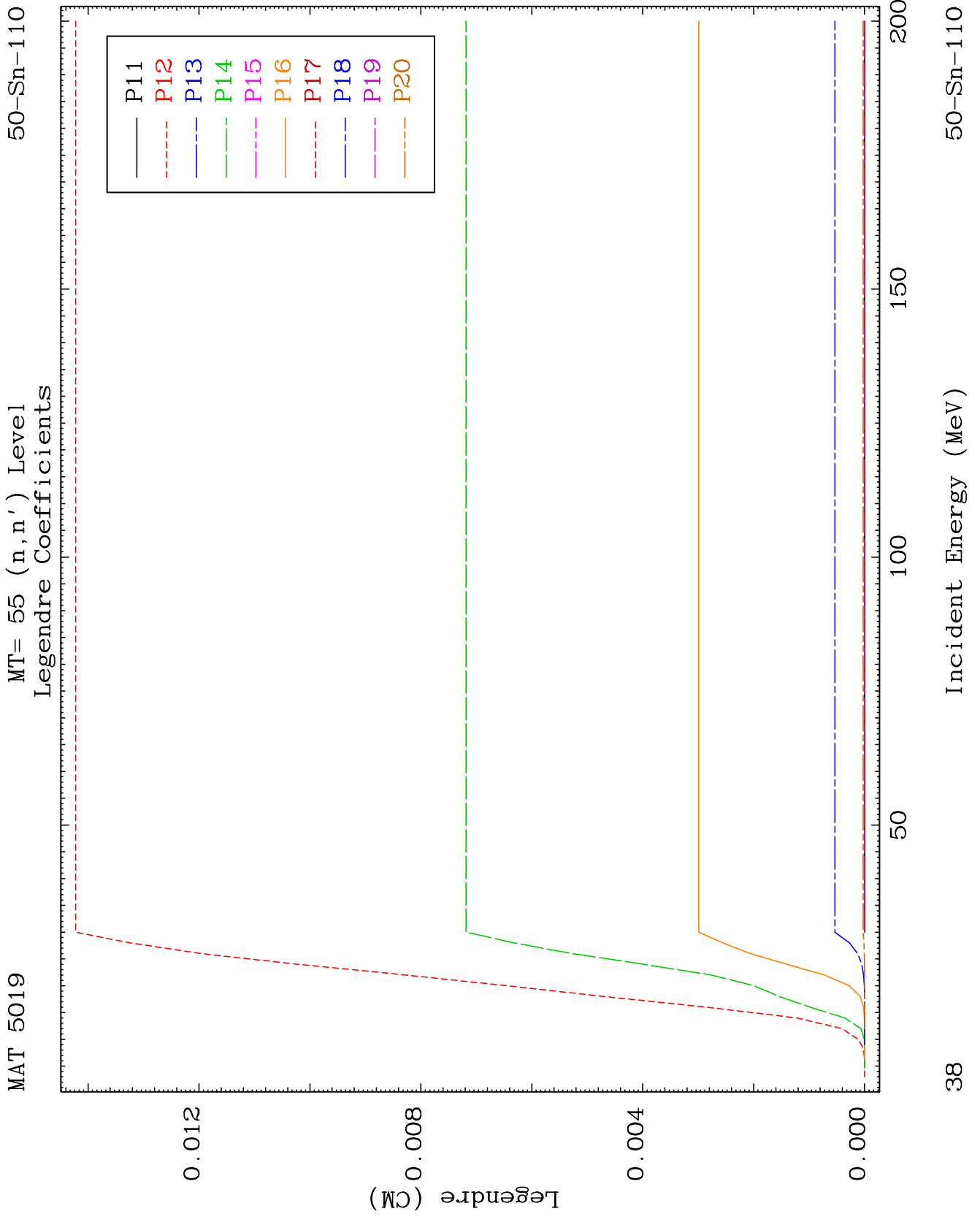


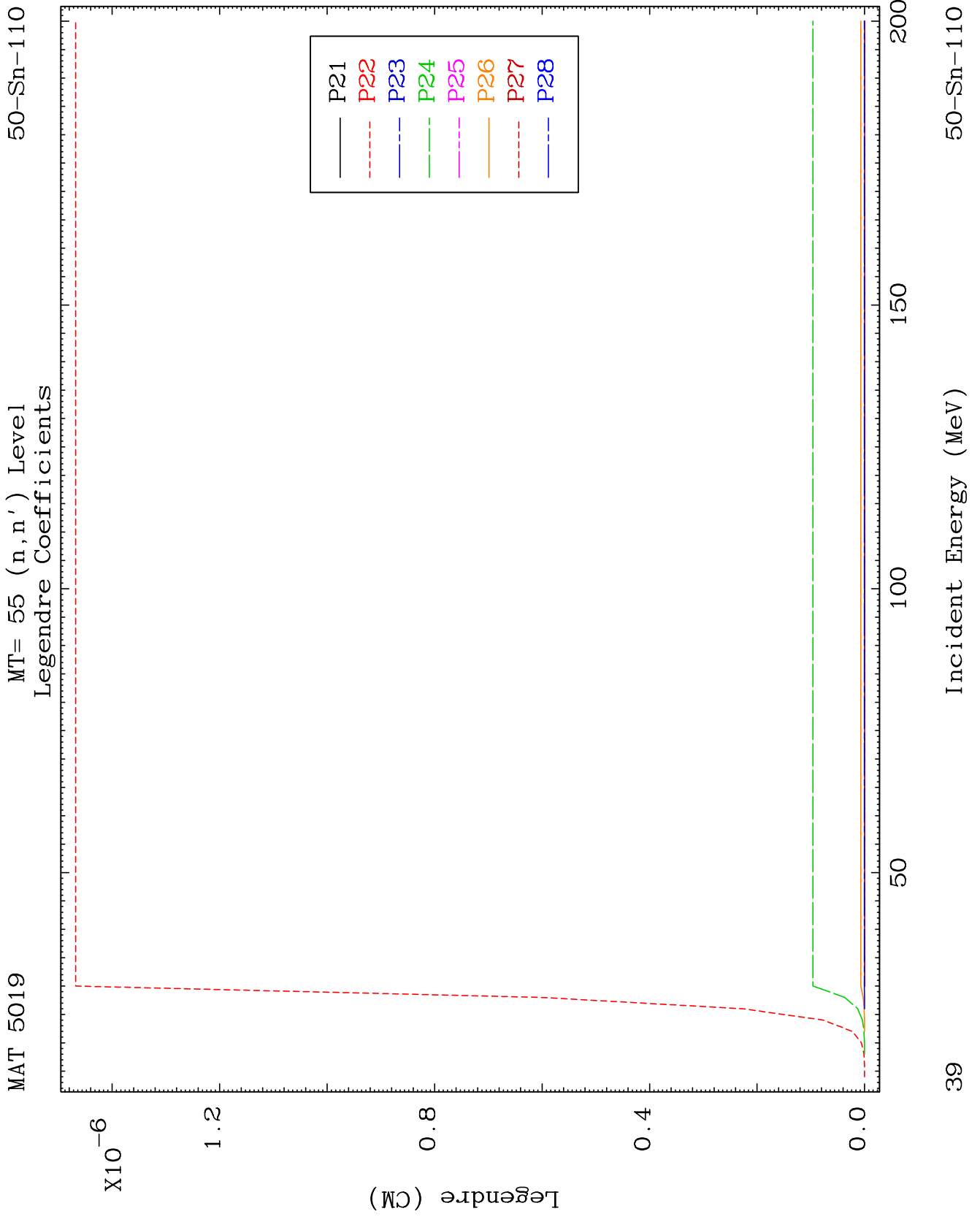




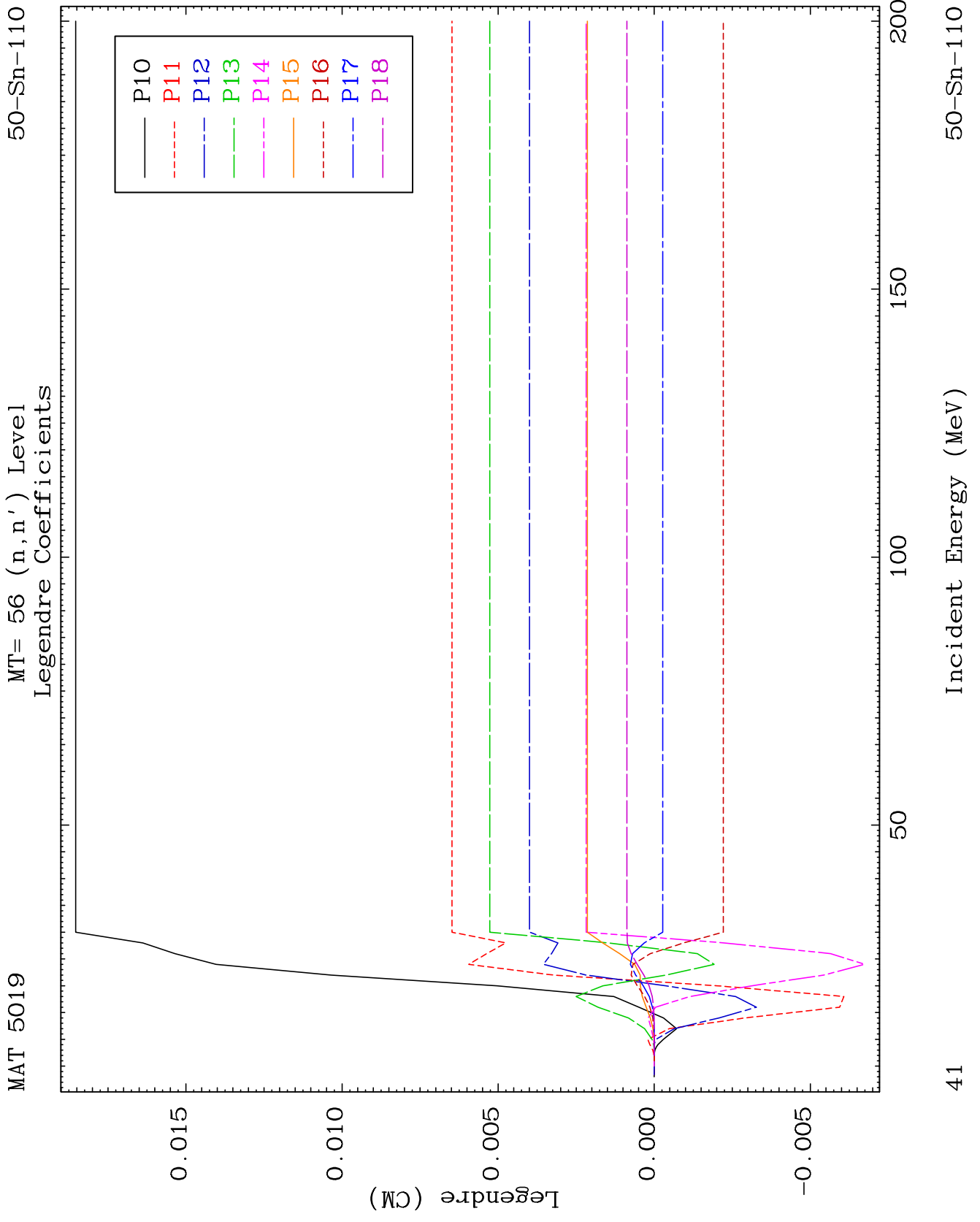








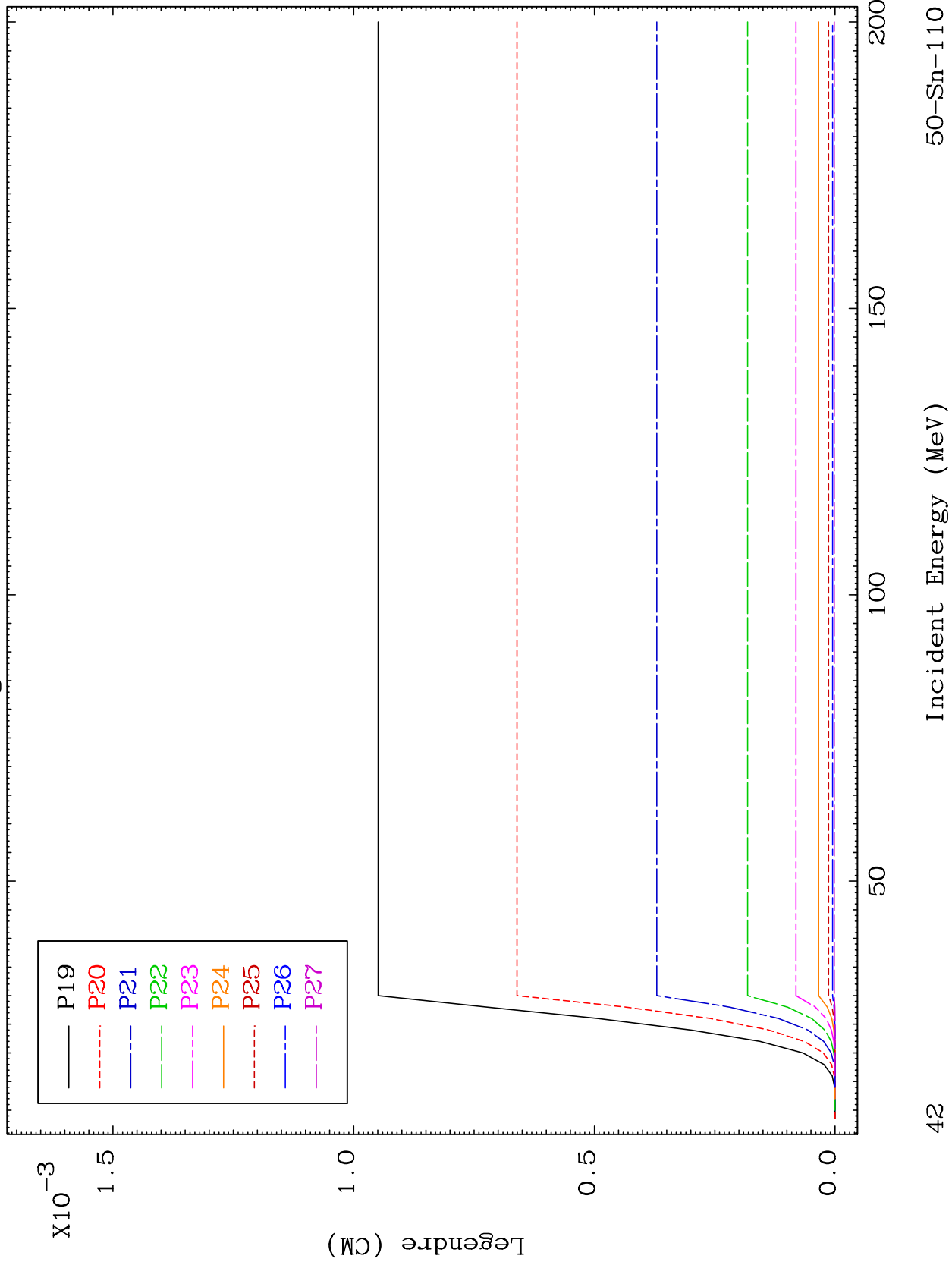




MAT 5019

MT= 56 (n,n') Level  
Legendre Coefficients

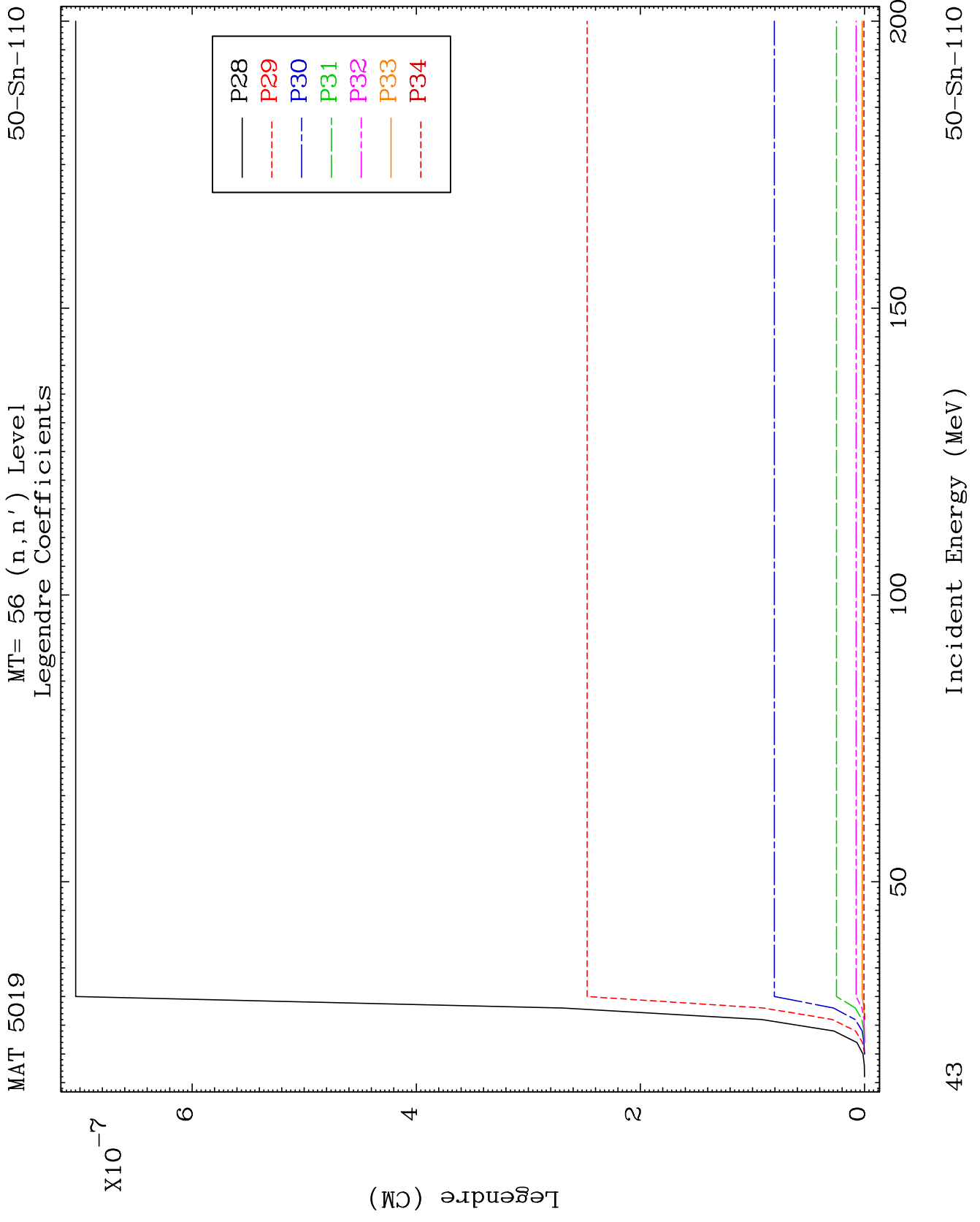
50-Sn-110



42

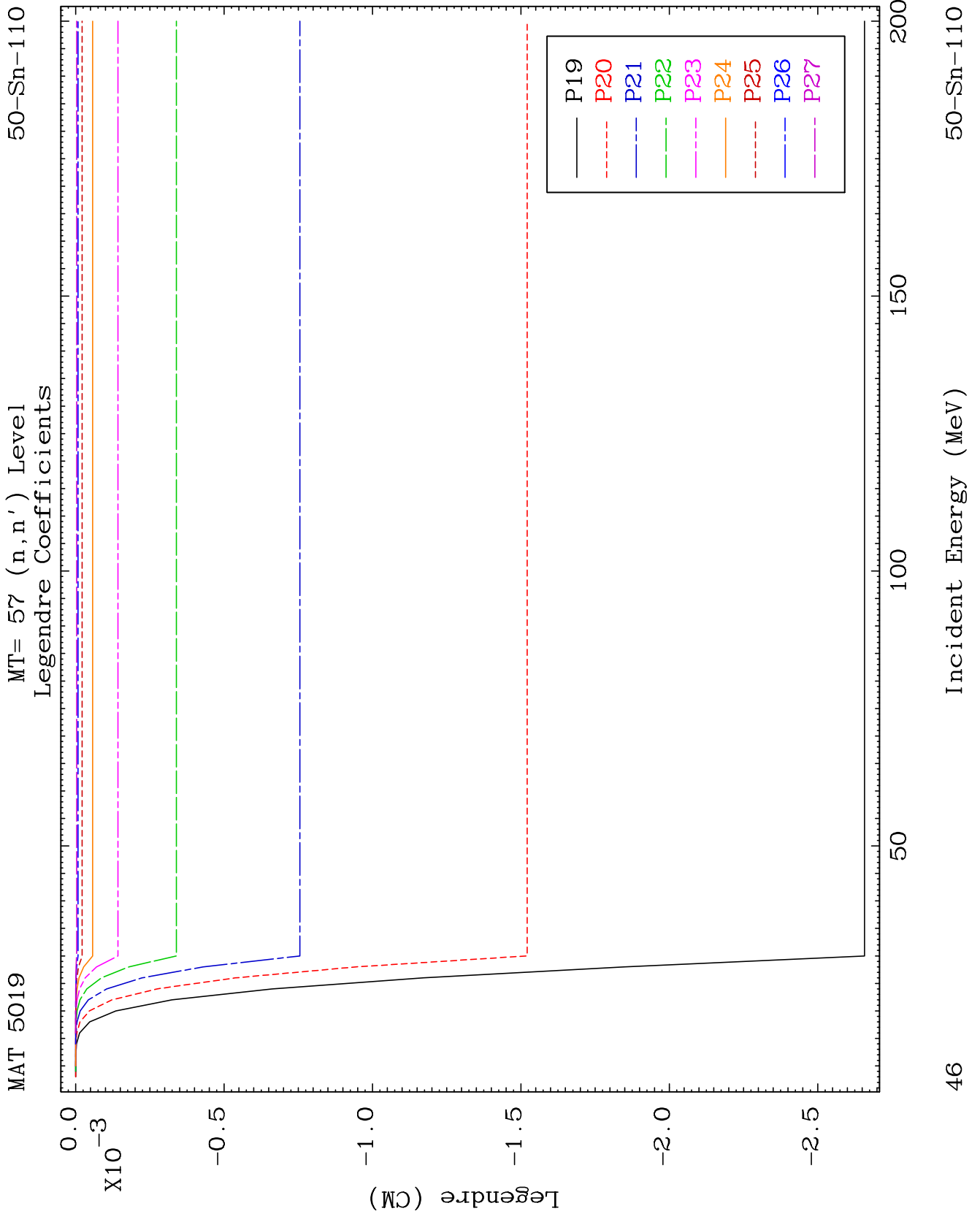
Incident Energy (MeV)

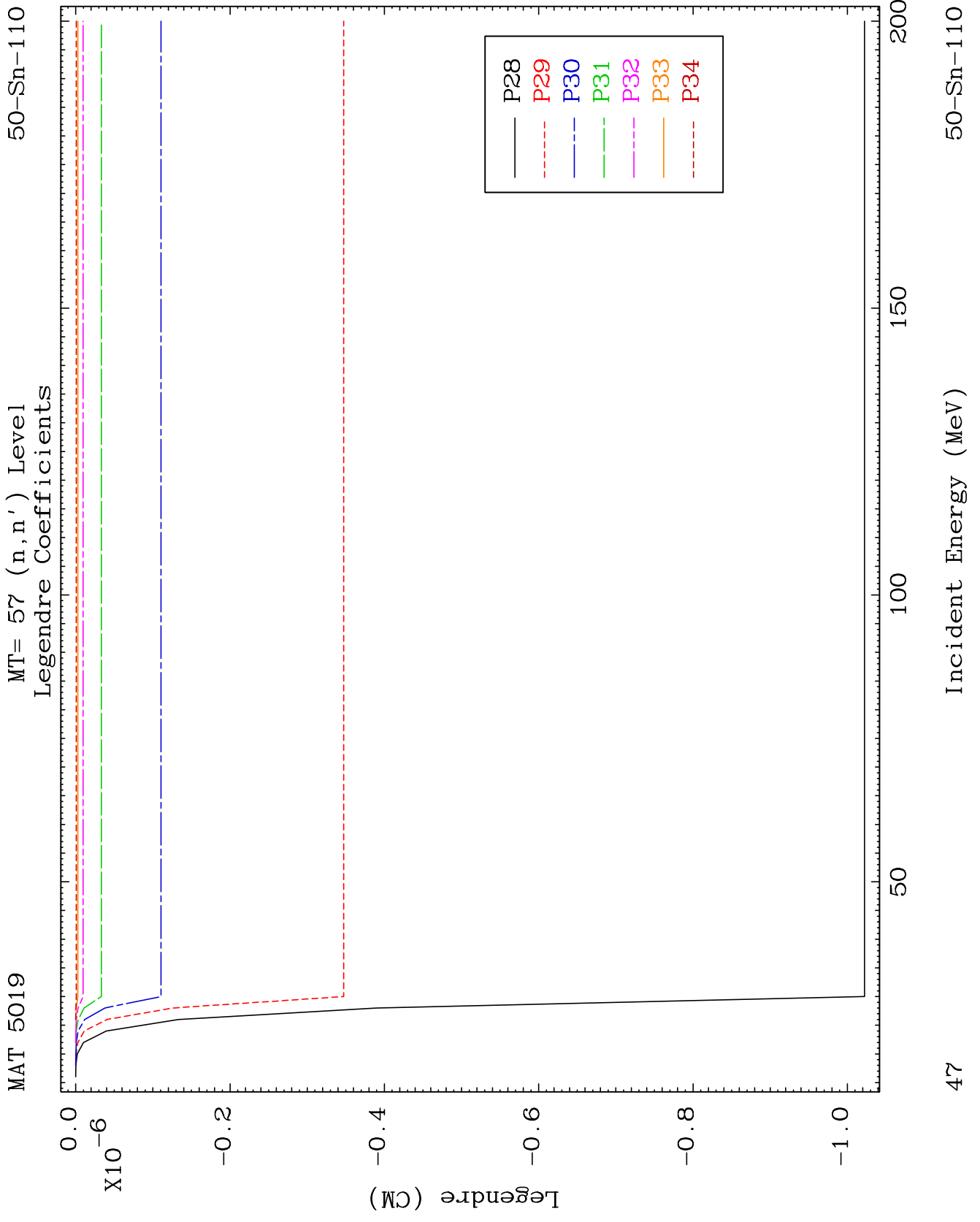
50-Sn-110



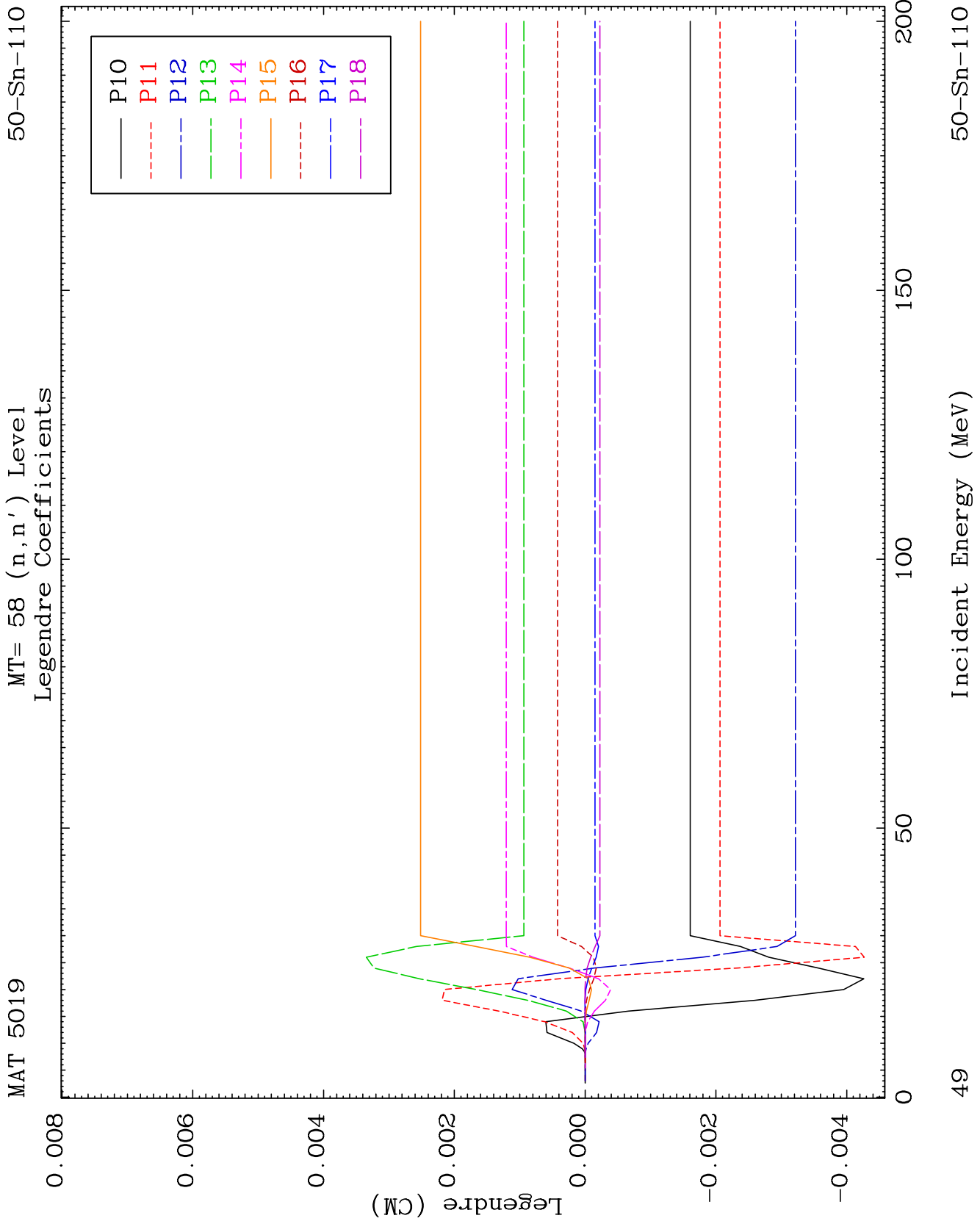


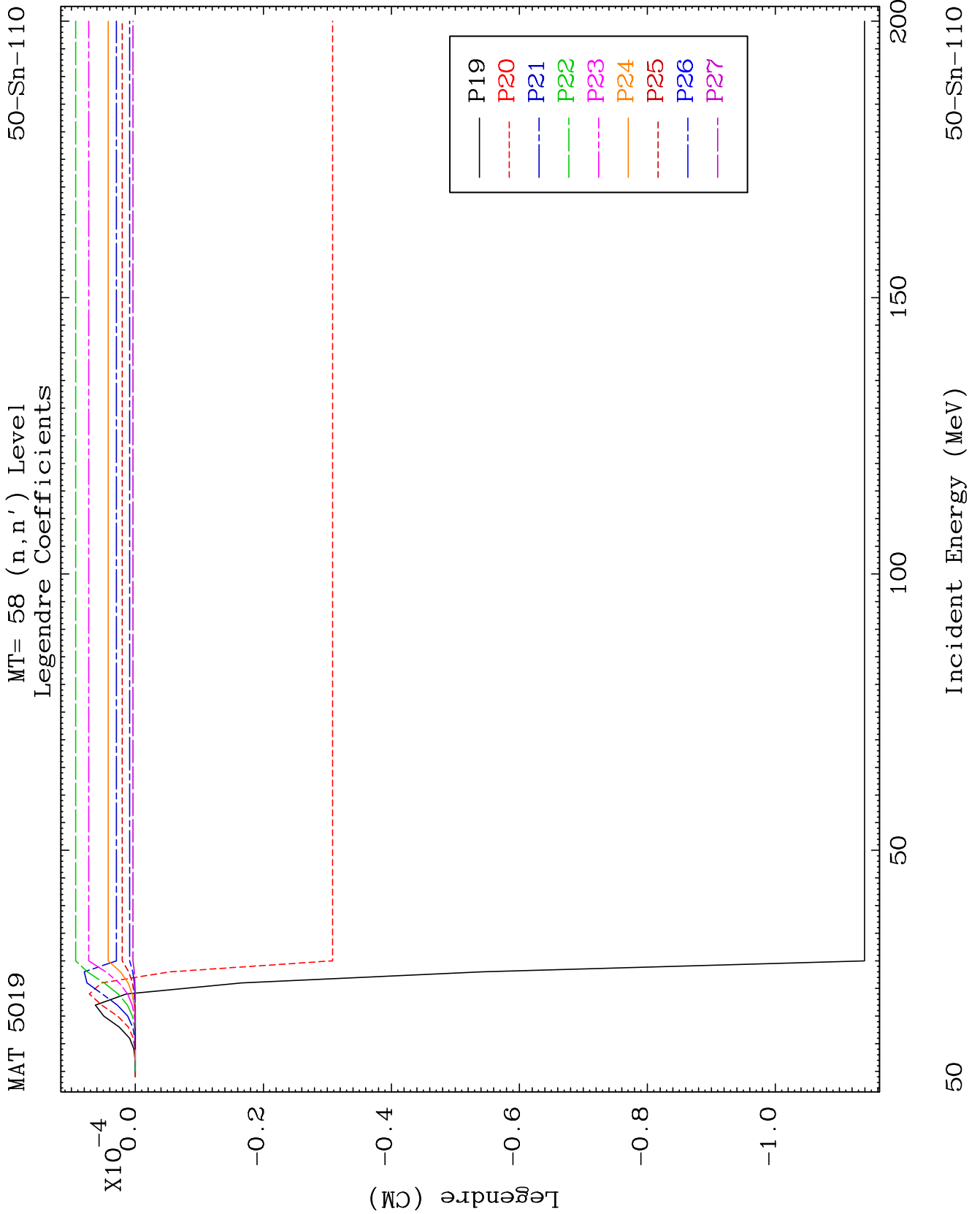








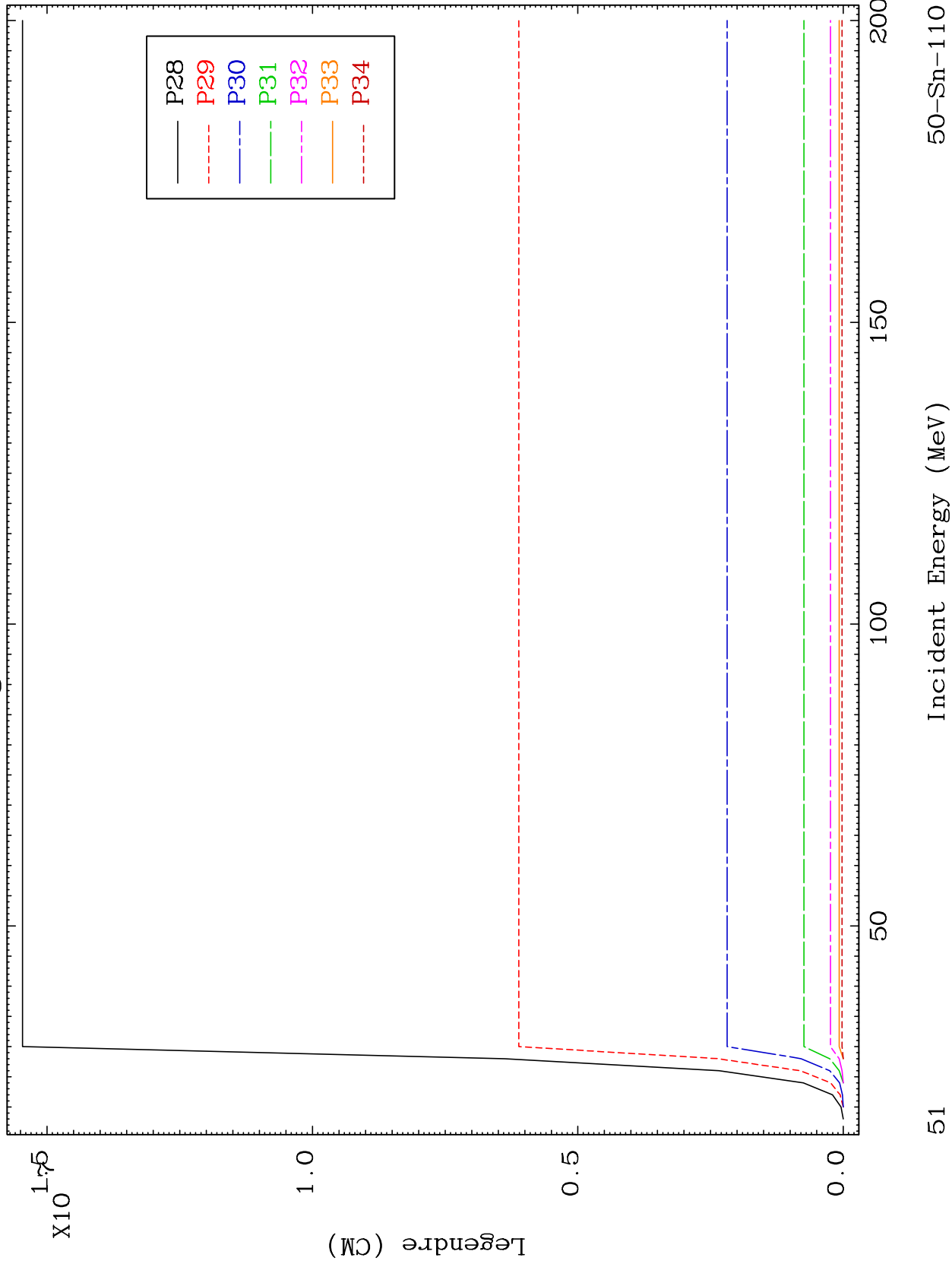




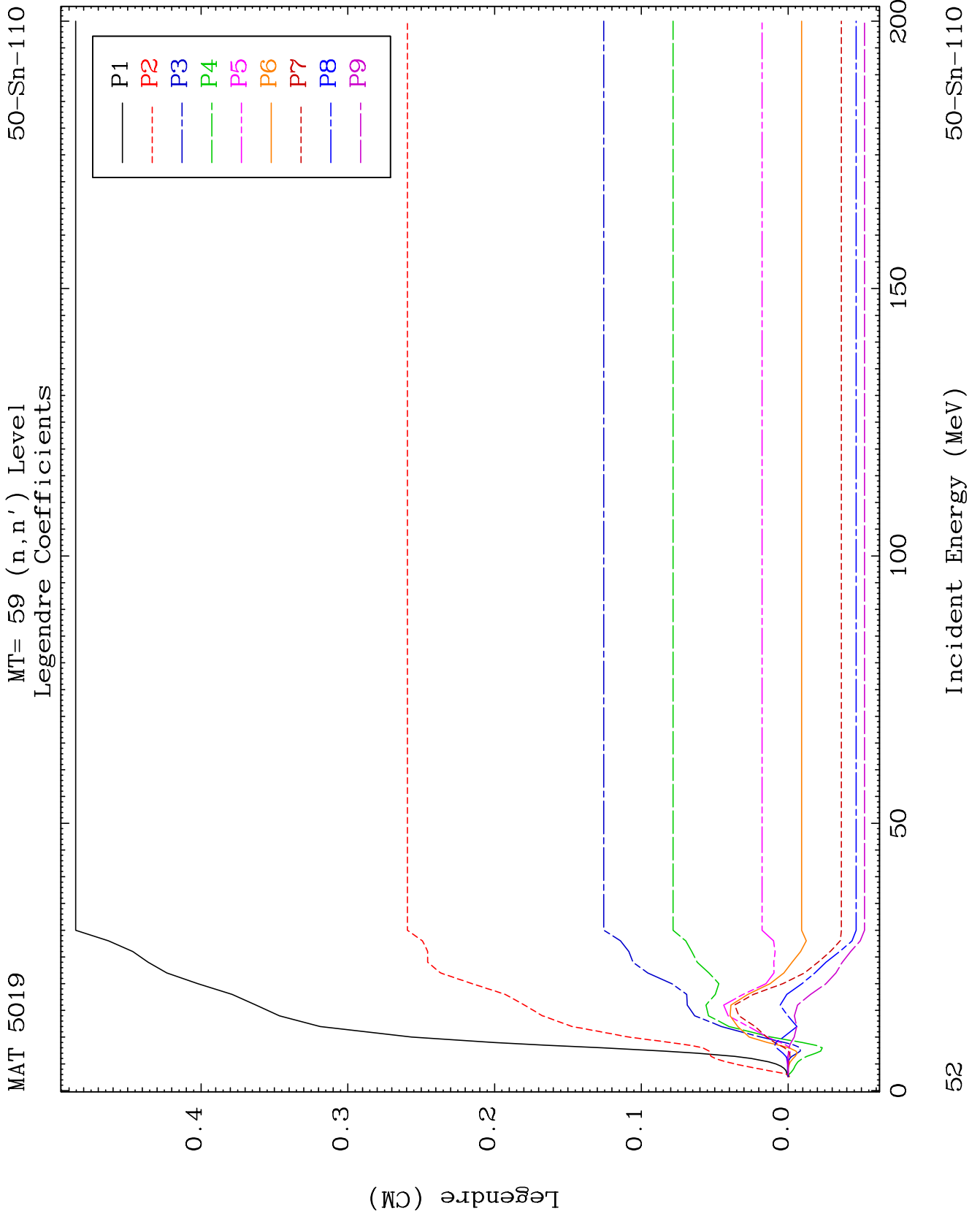
MAT 5019

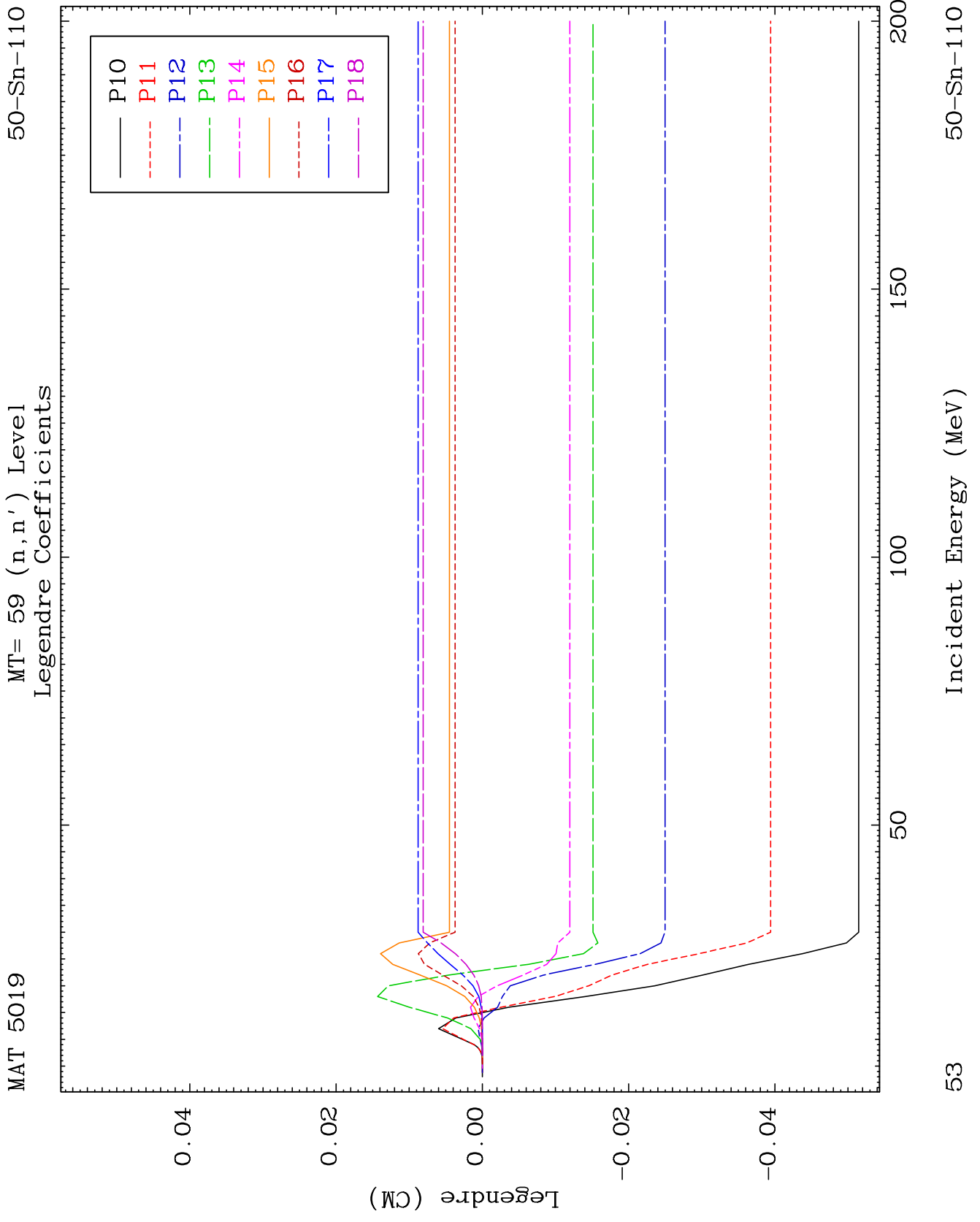
MT= 58 (n,n') Level  
Legendre Coefficients

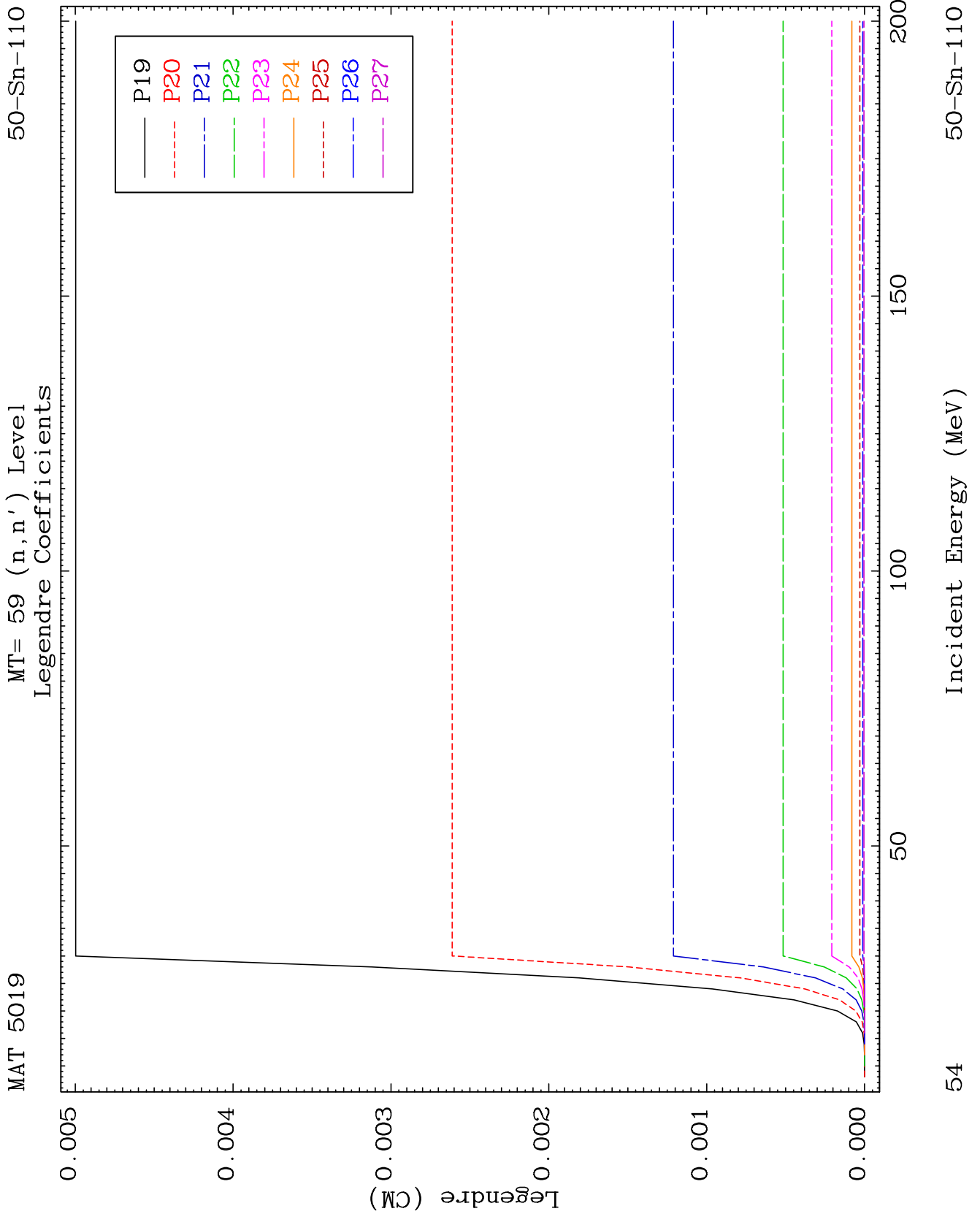
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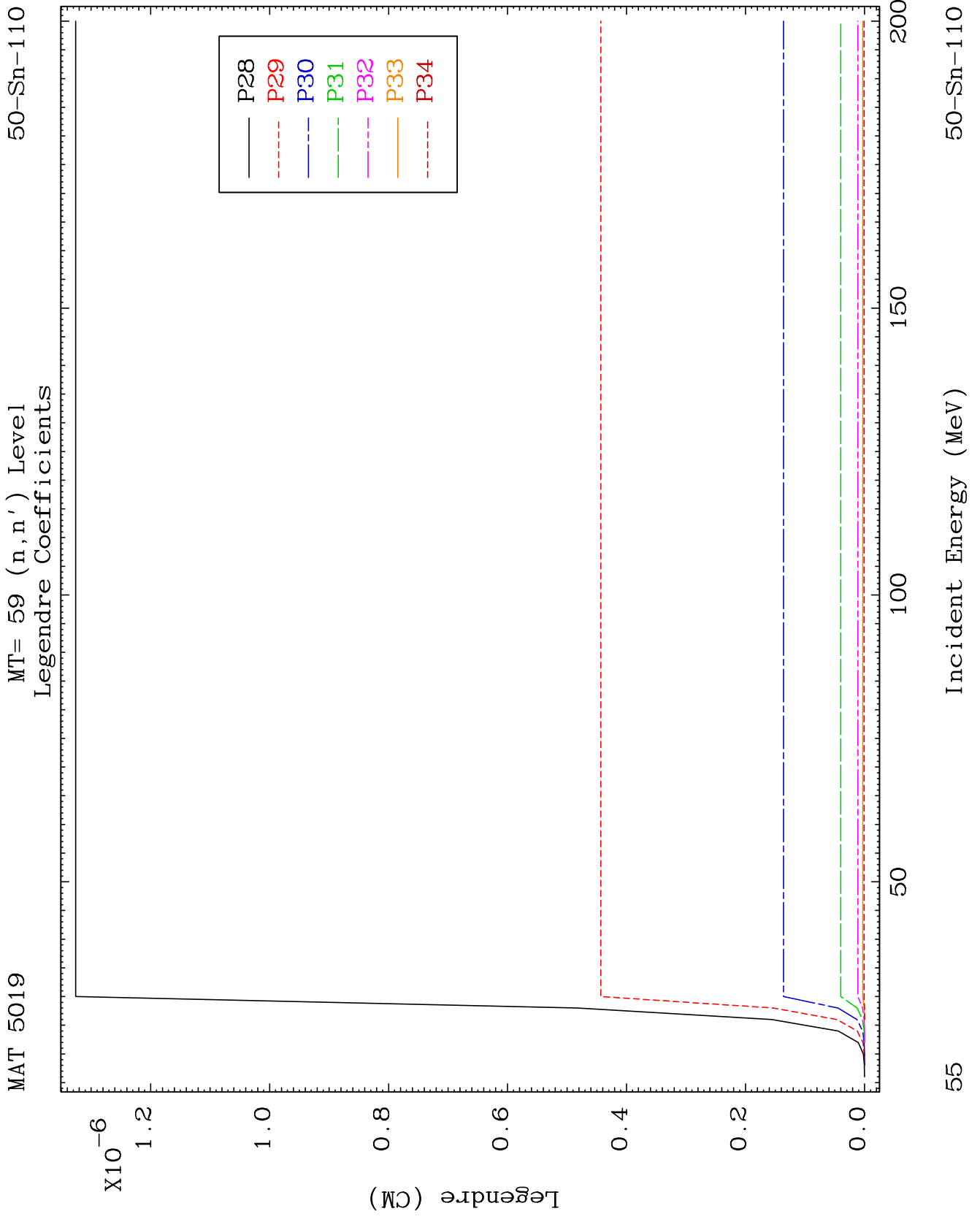


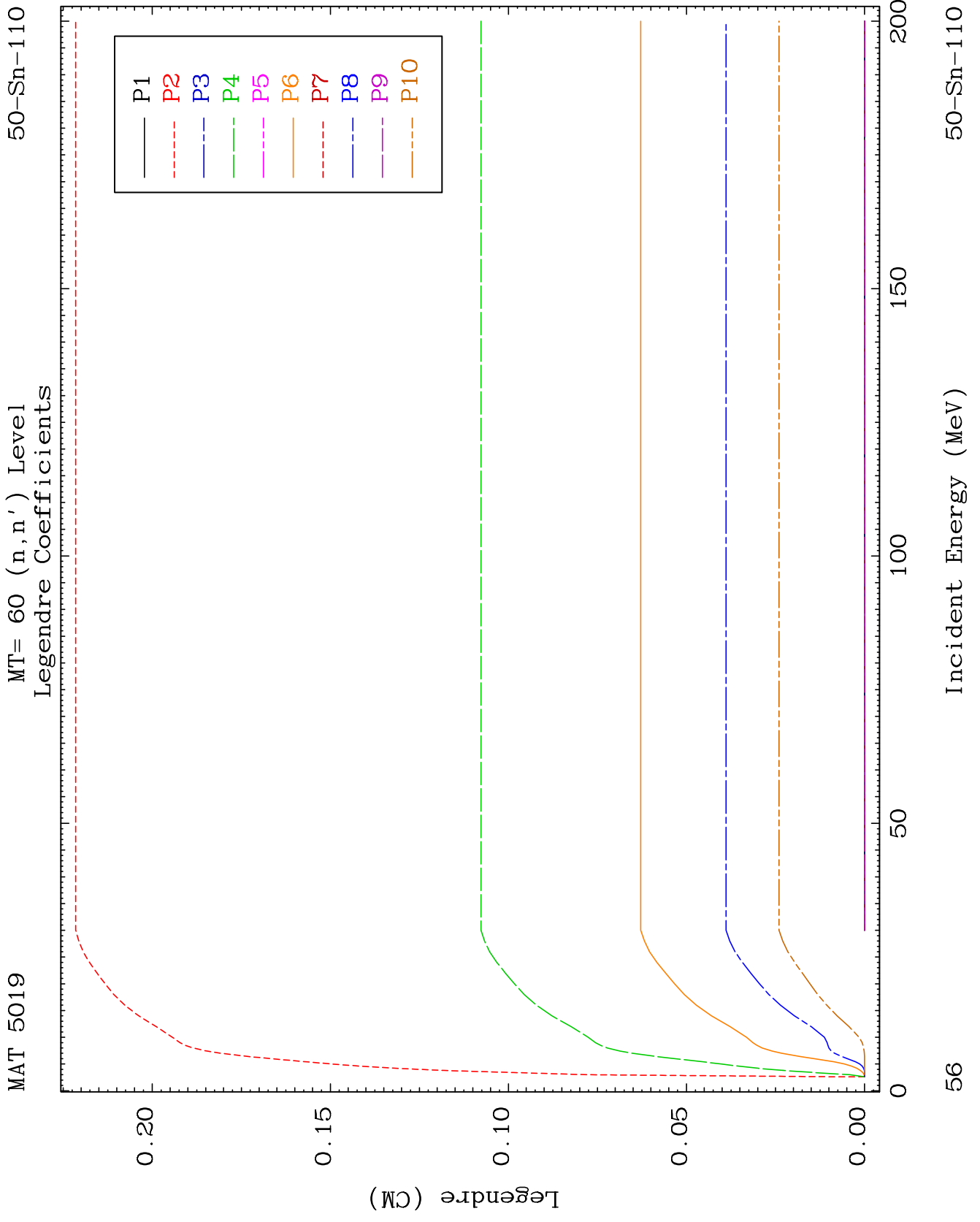
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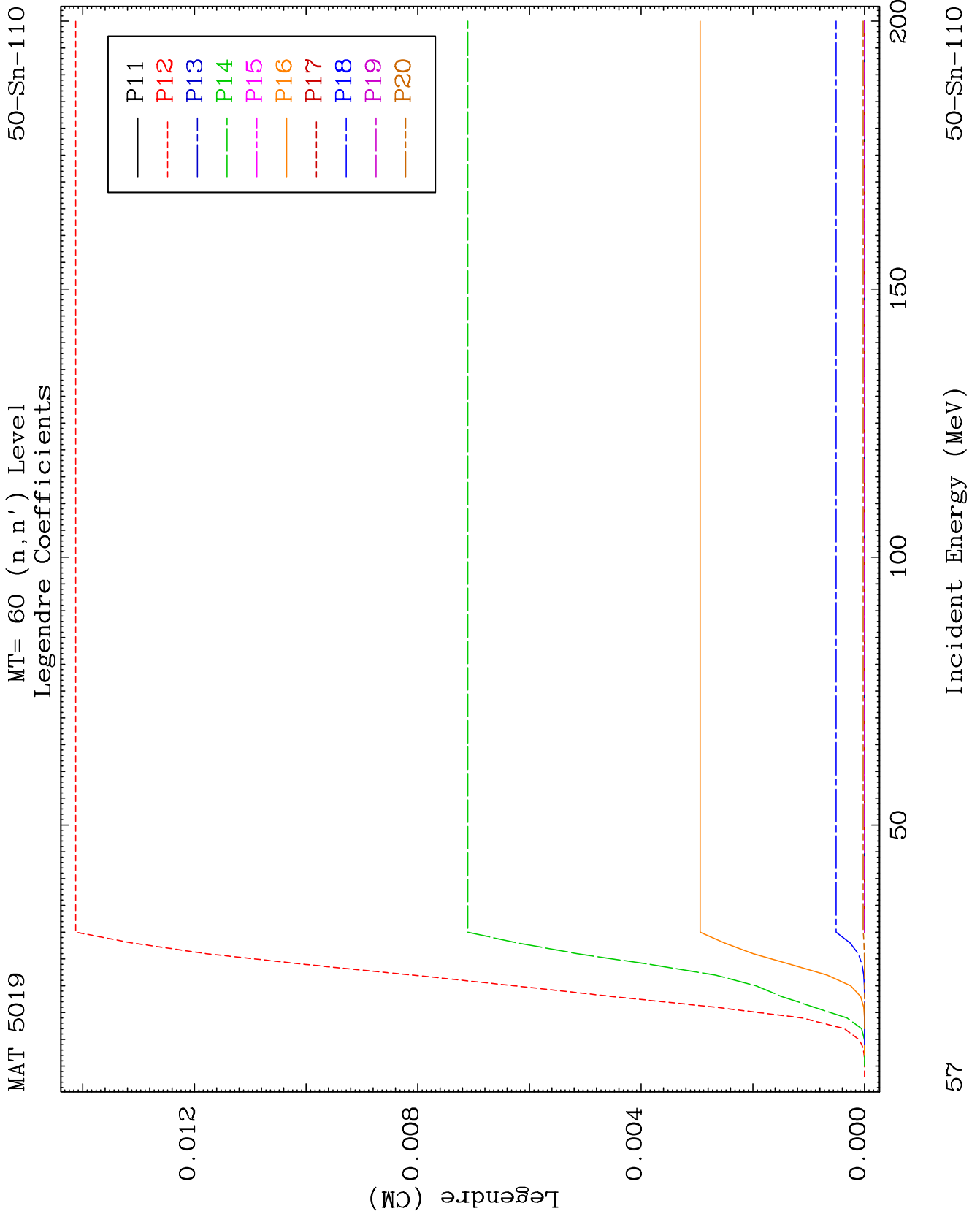


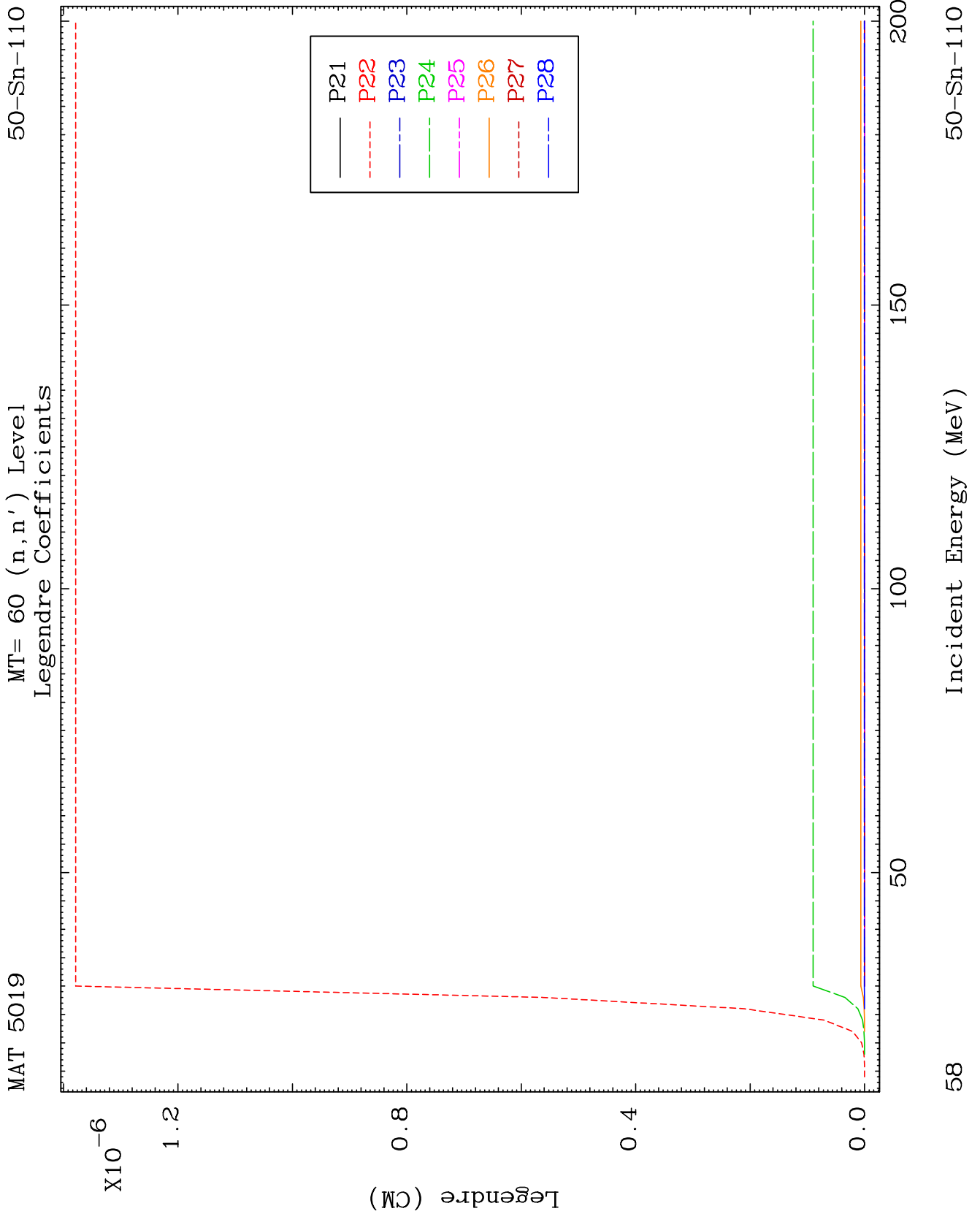




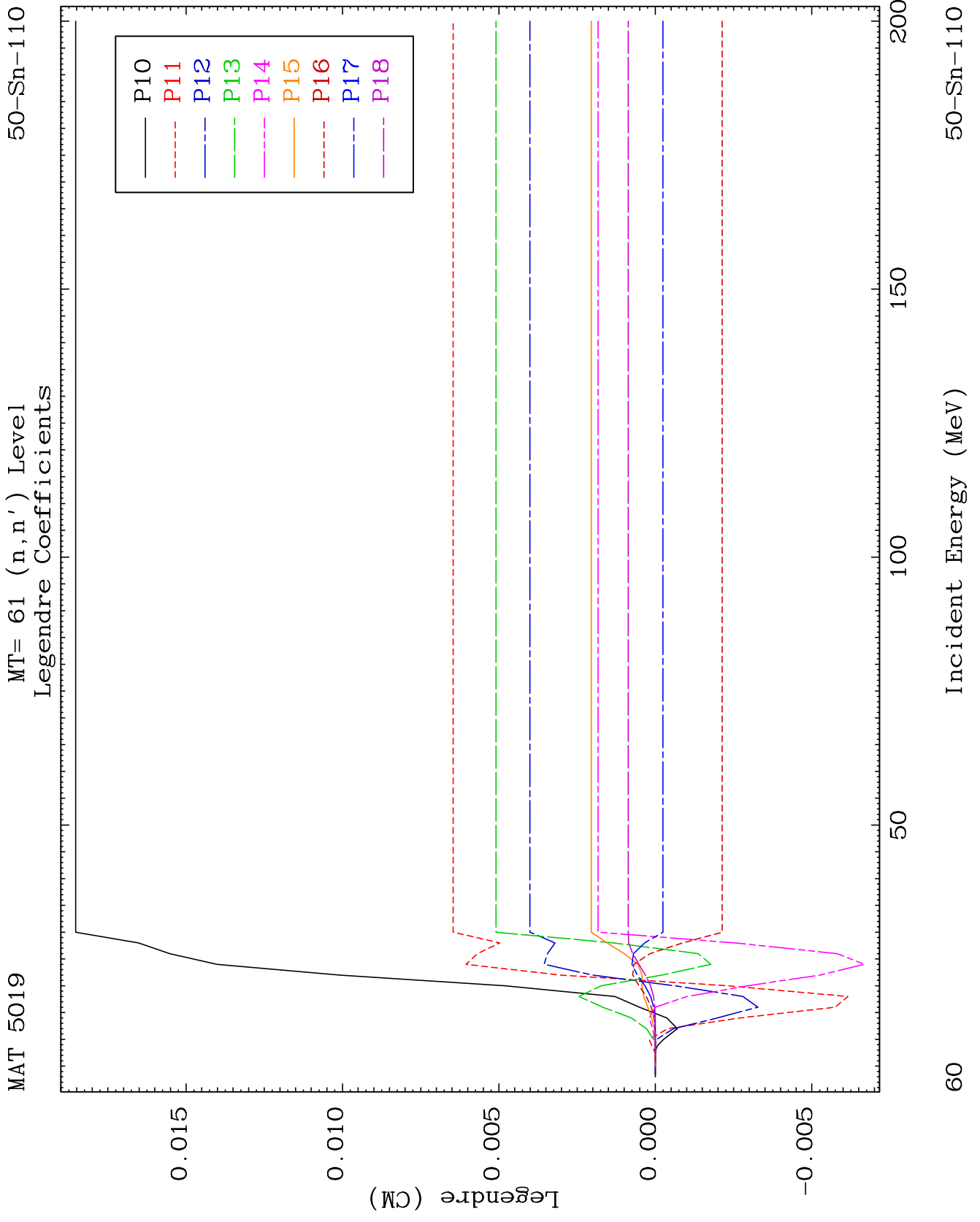








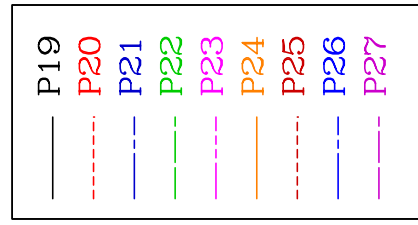




MAT 5019

MT= 61 (n,n') Level  
Legendre Coefficients

50-Sn-110



$\times 10^{-3}$   
1.5  
1.0

Legendre (CM)

0.5

0.0

50

100

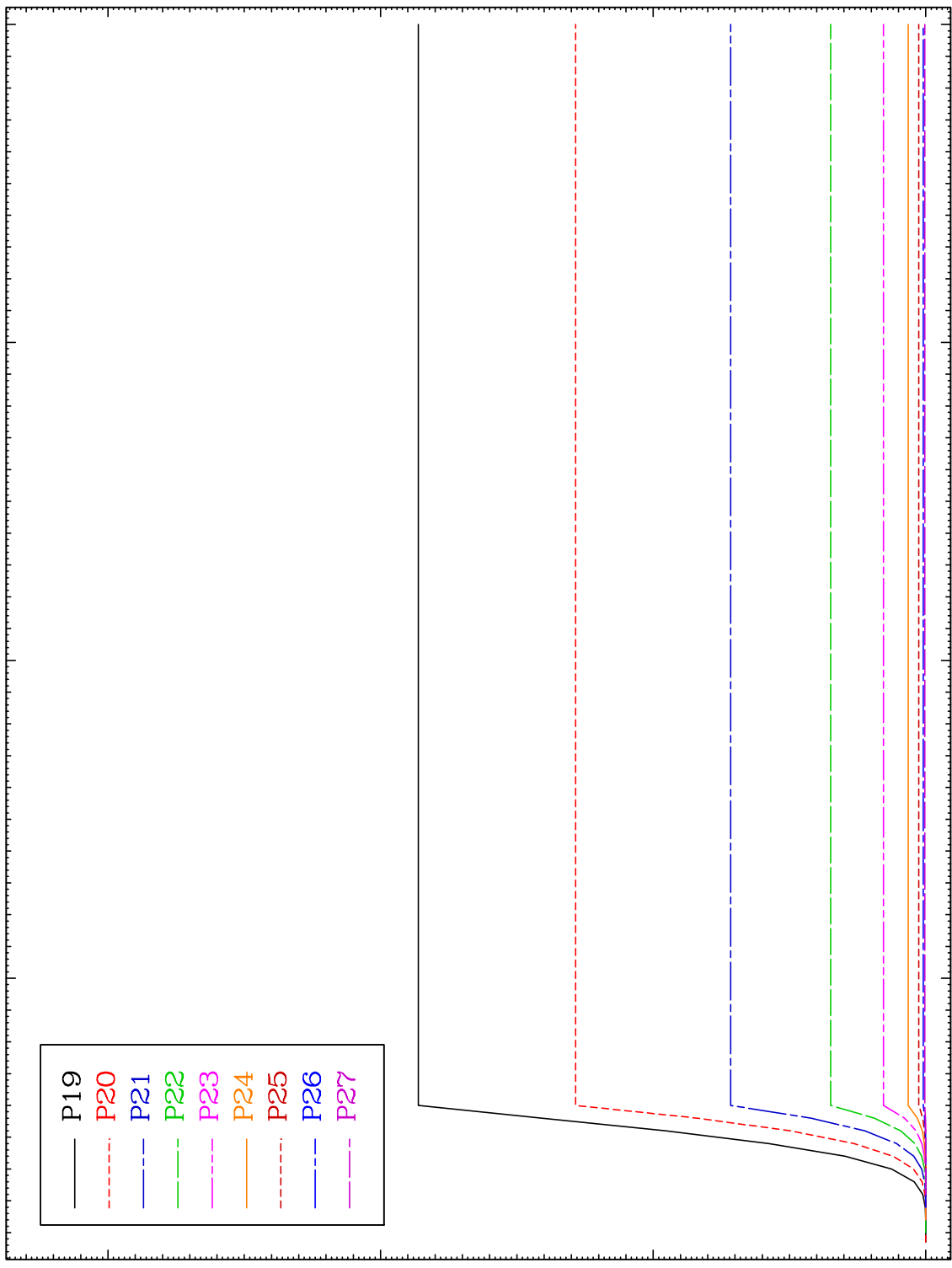
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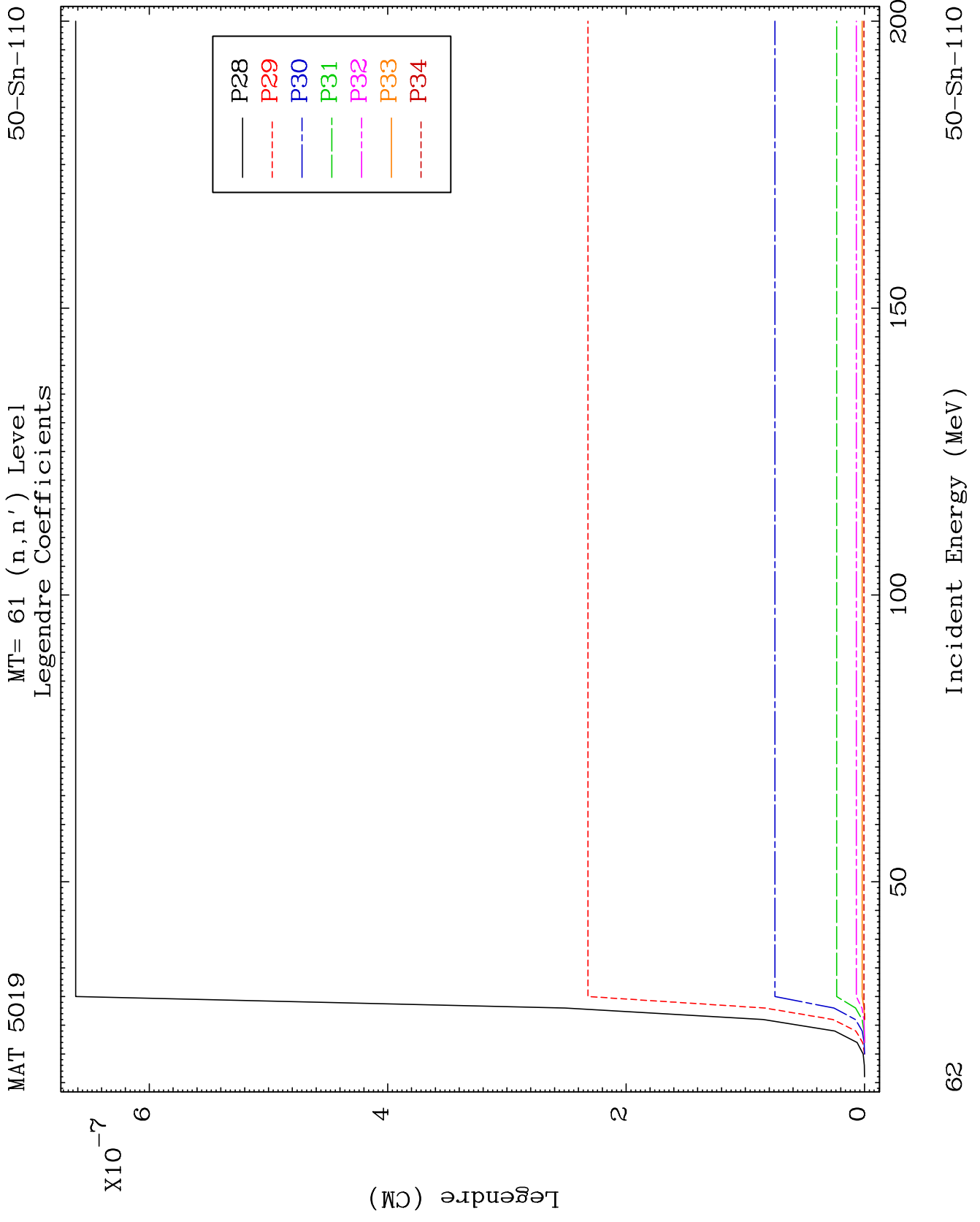
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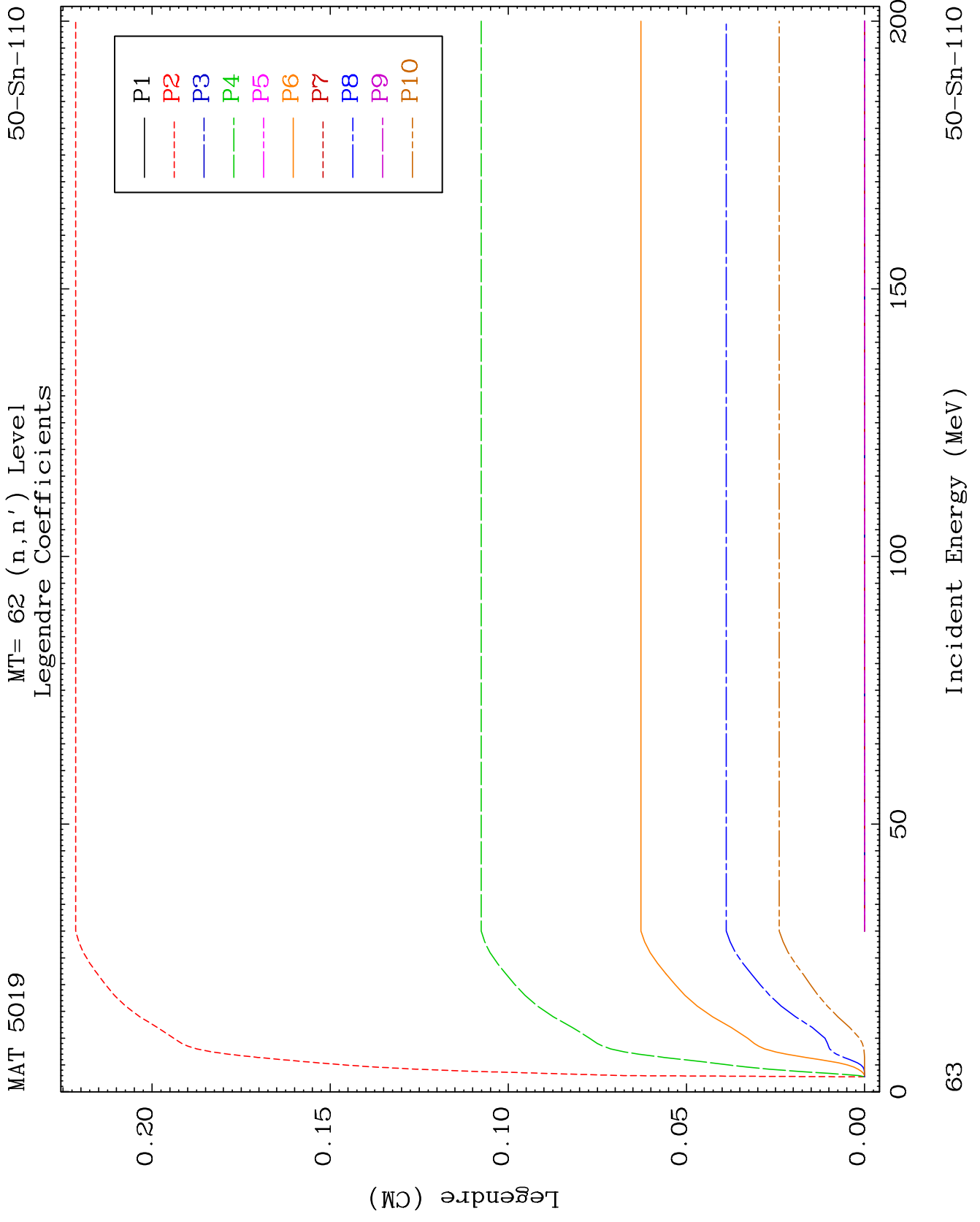
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Incident Energy (MeV)

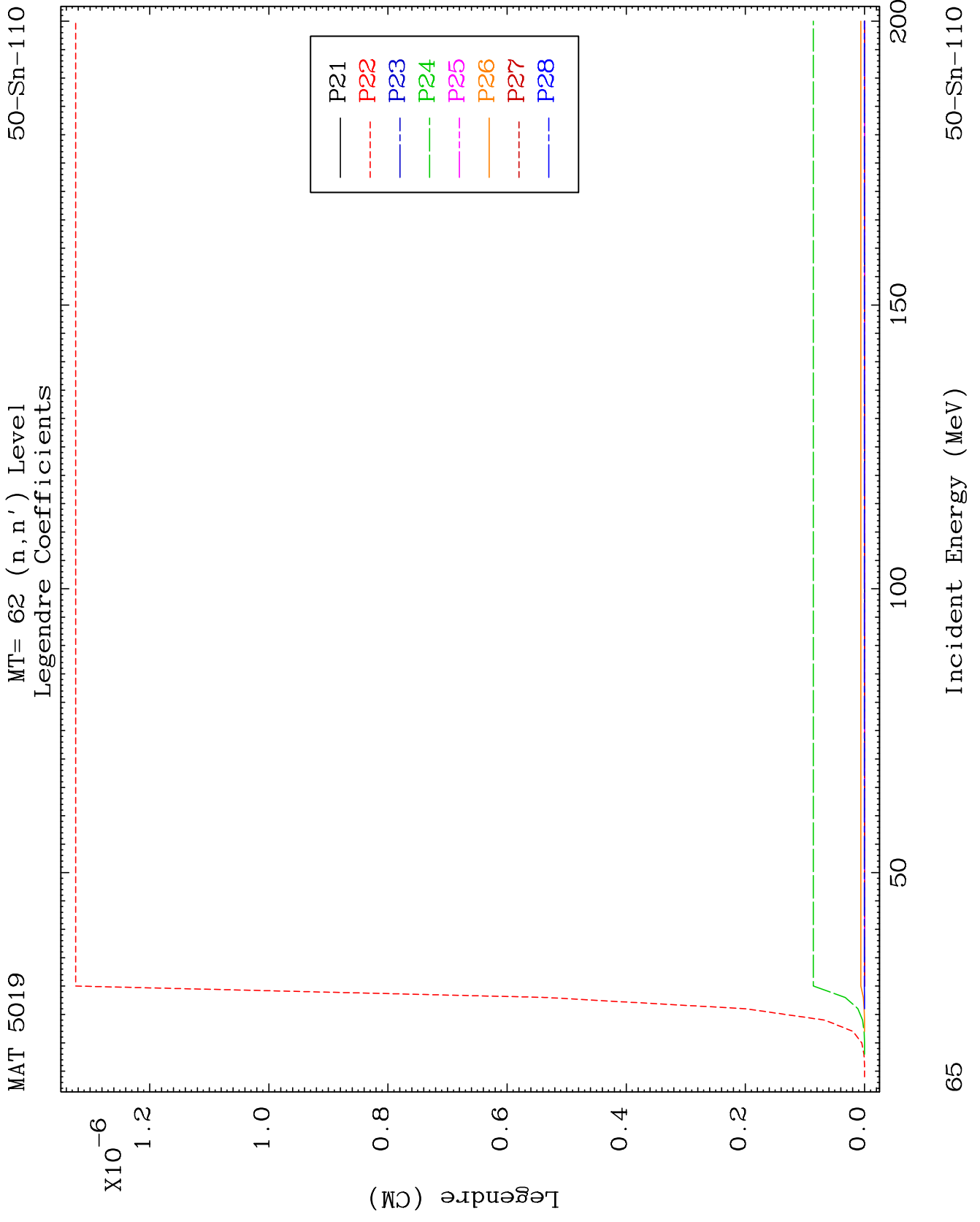
50-Sn-110

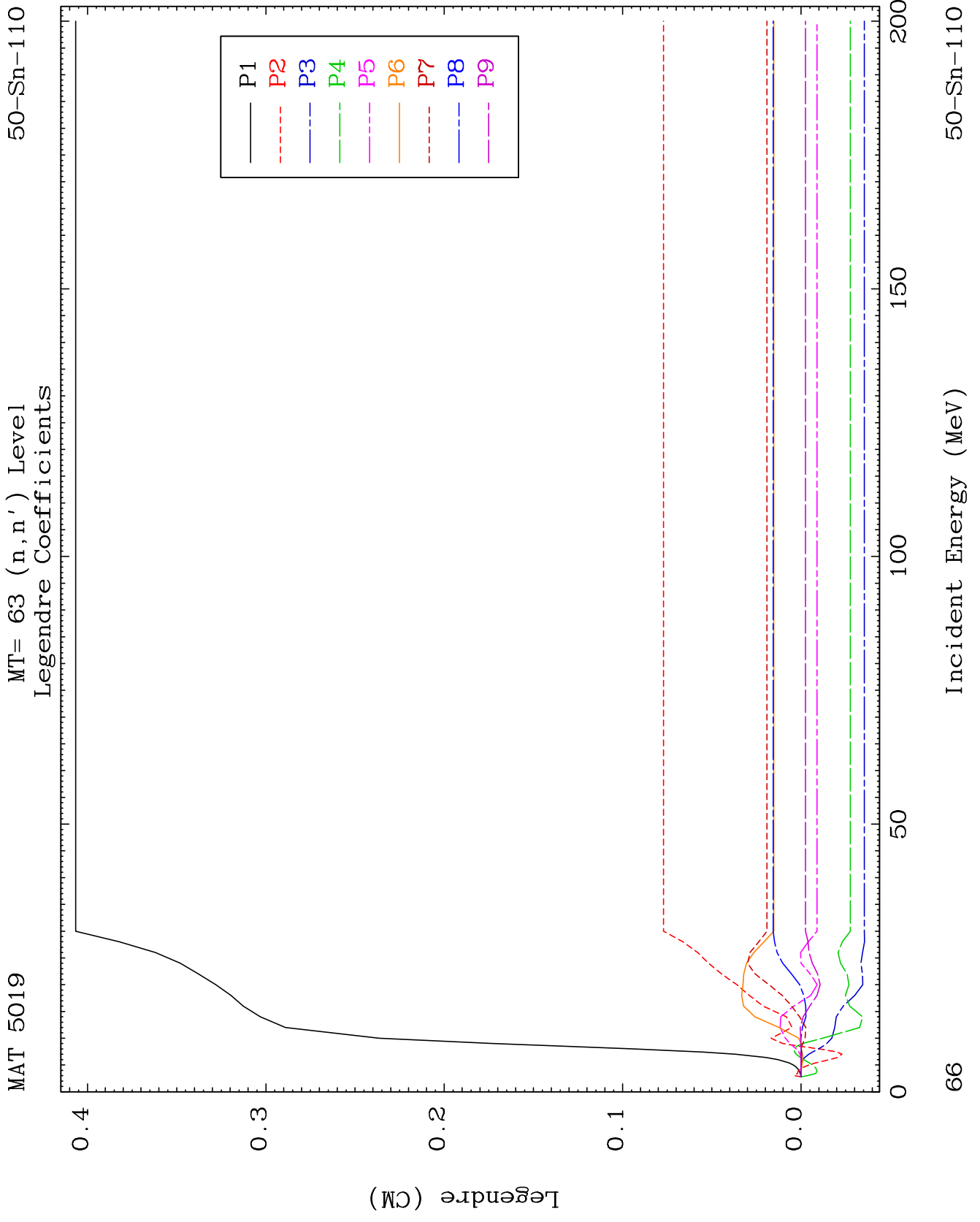


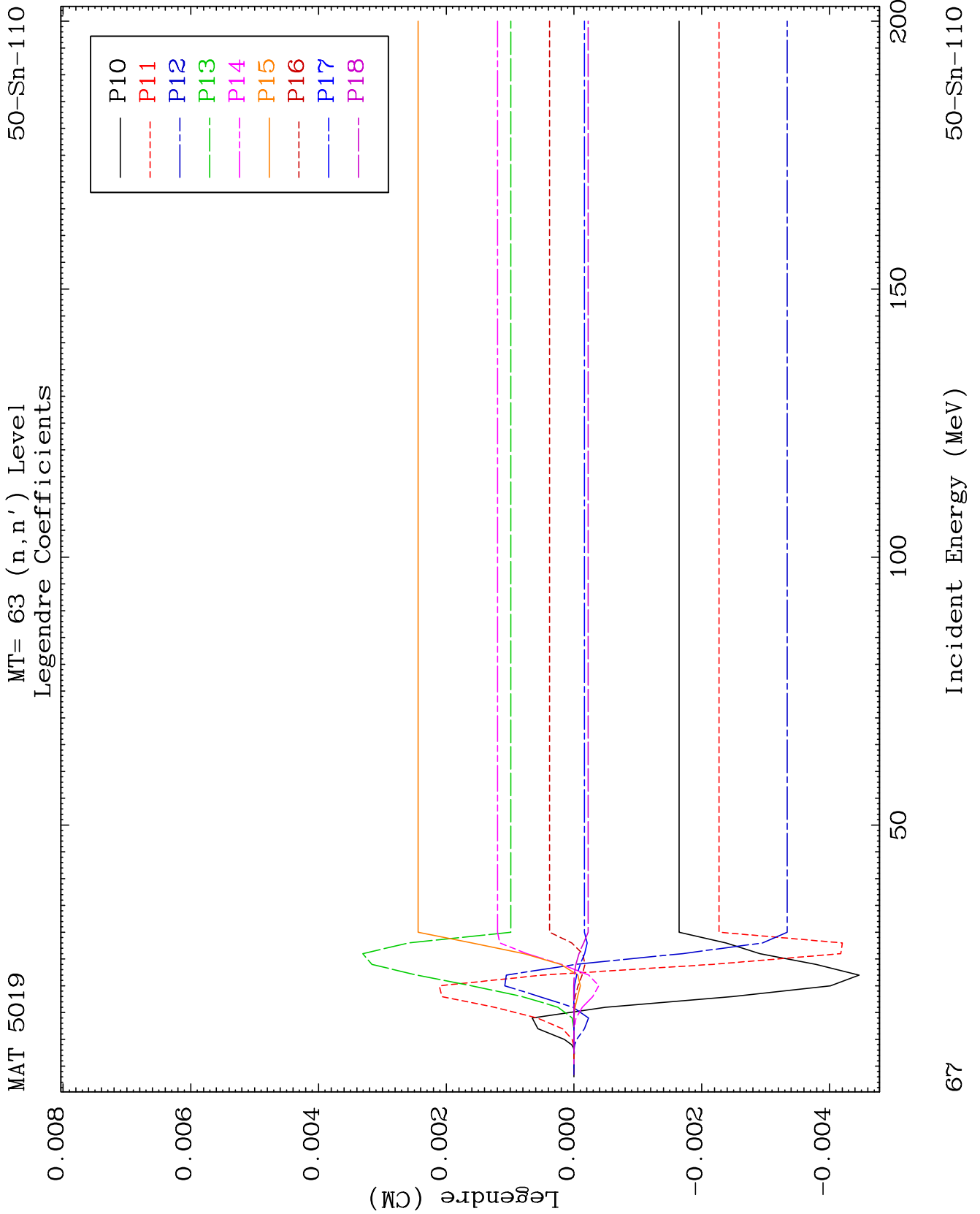


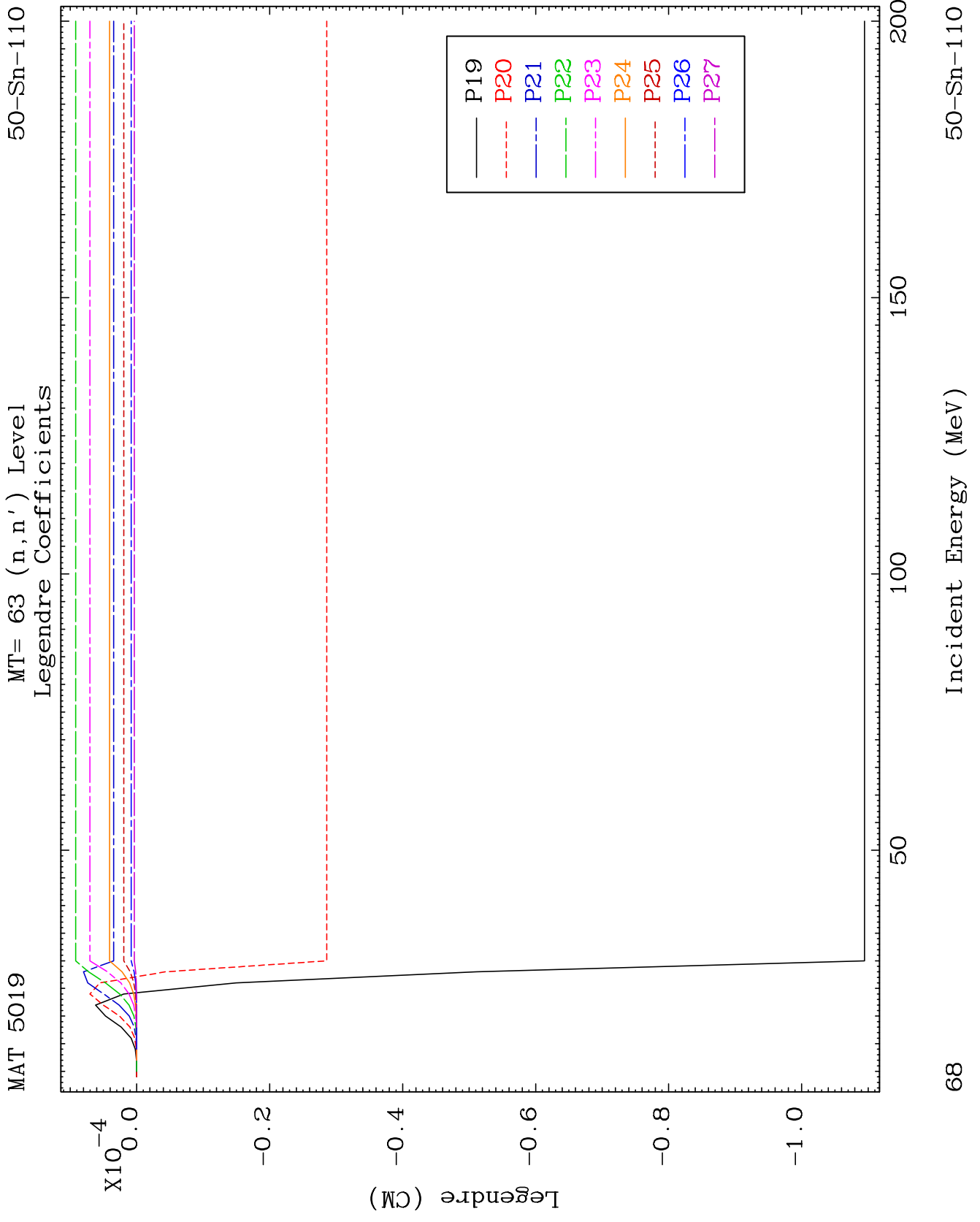


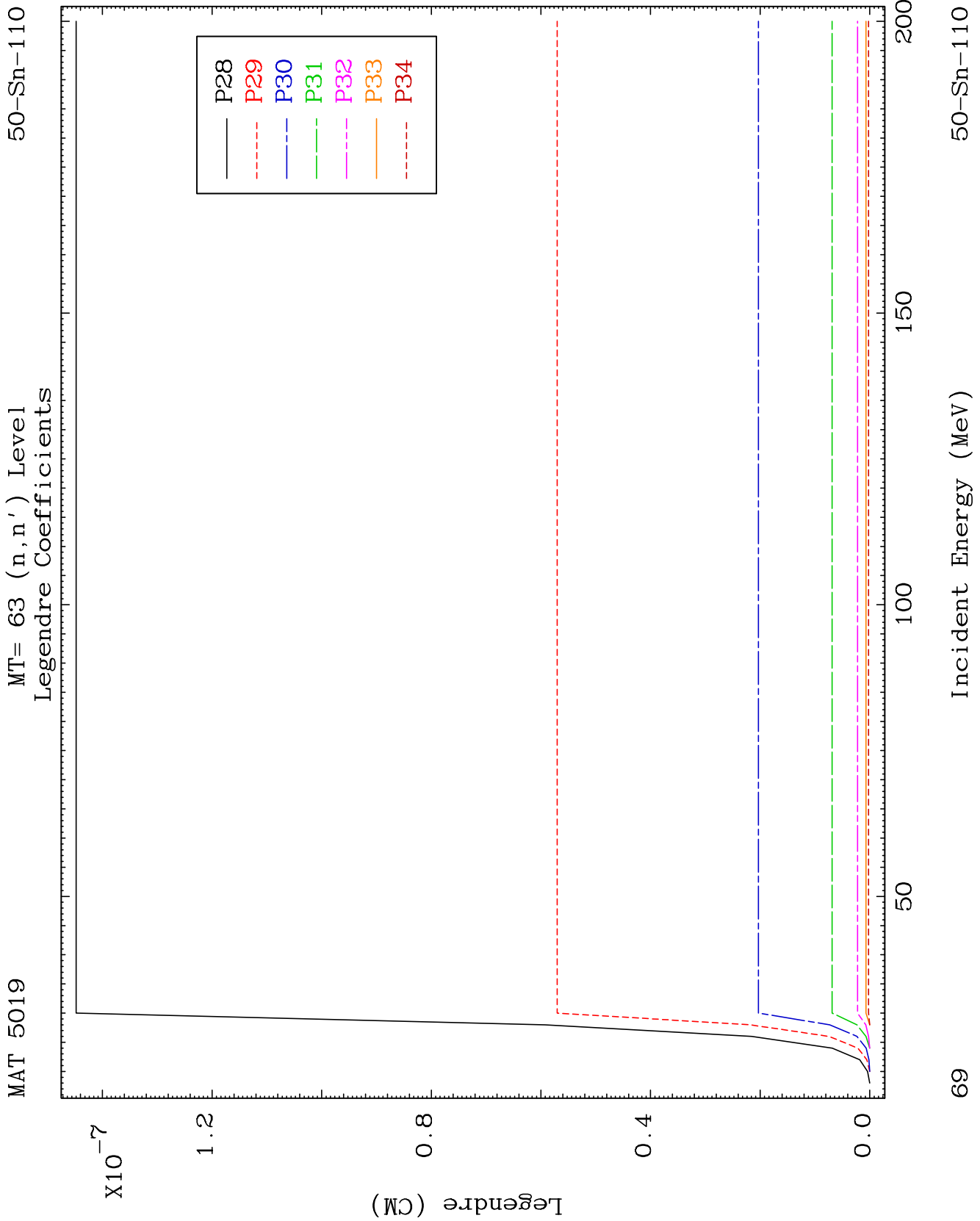




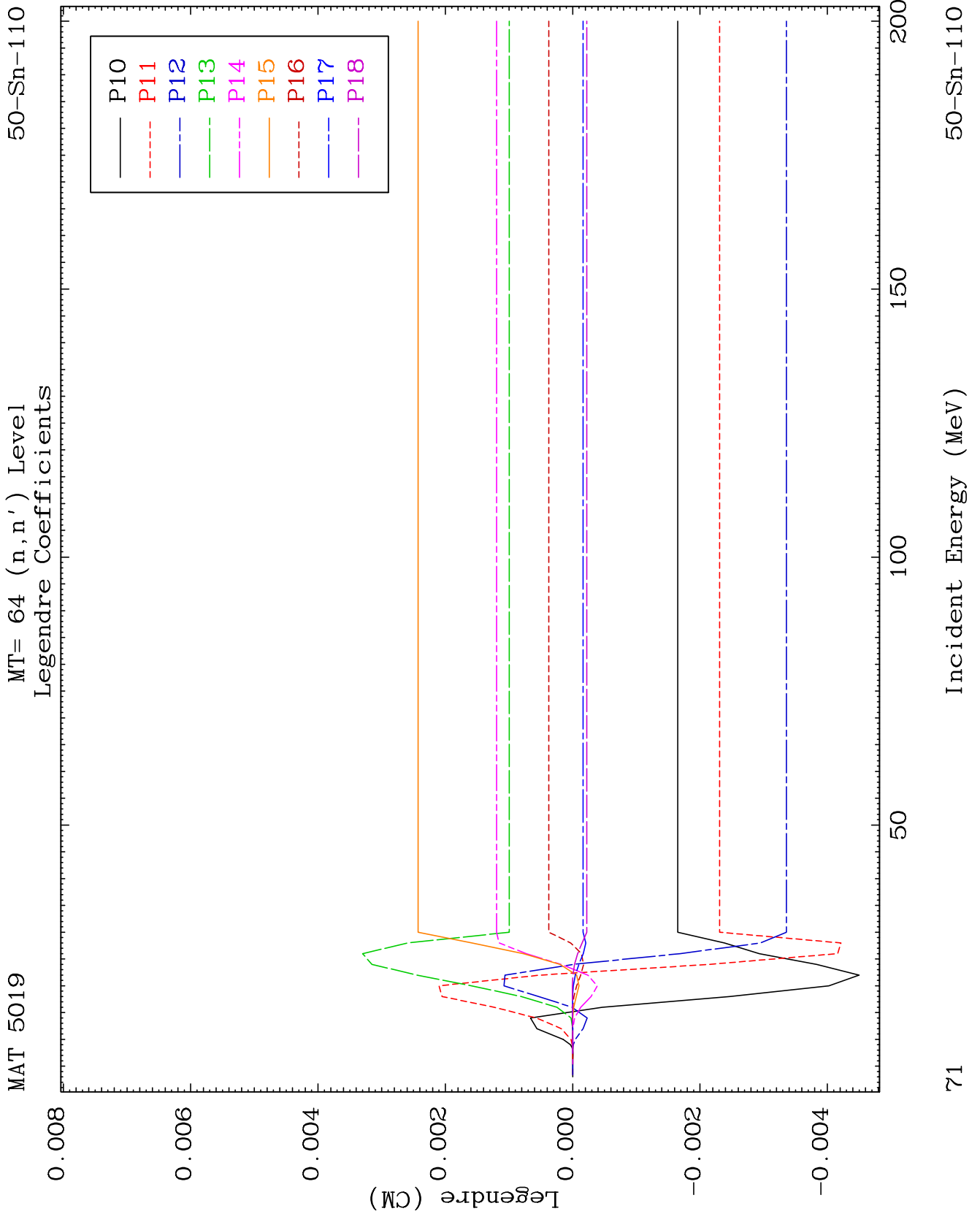


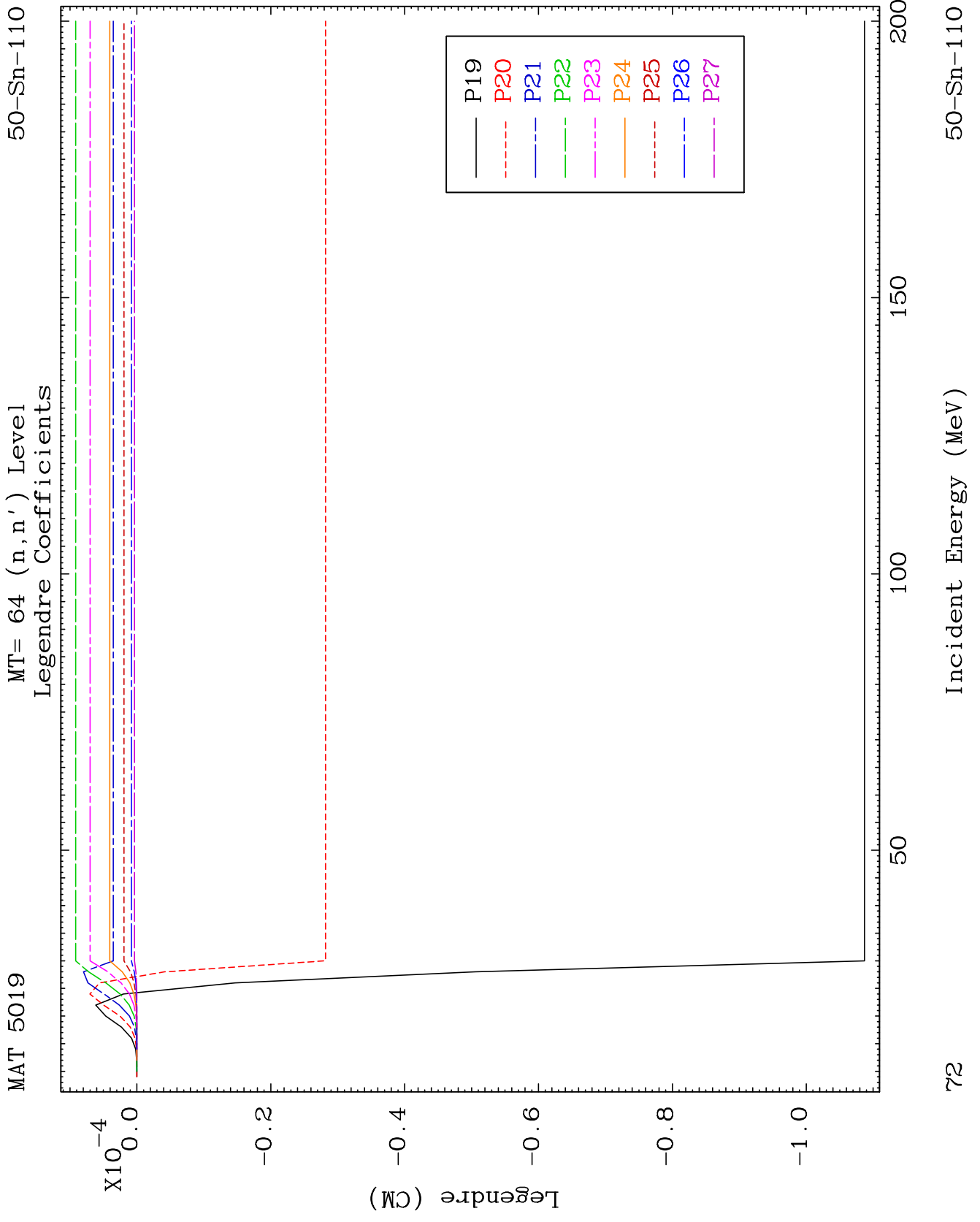


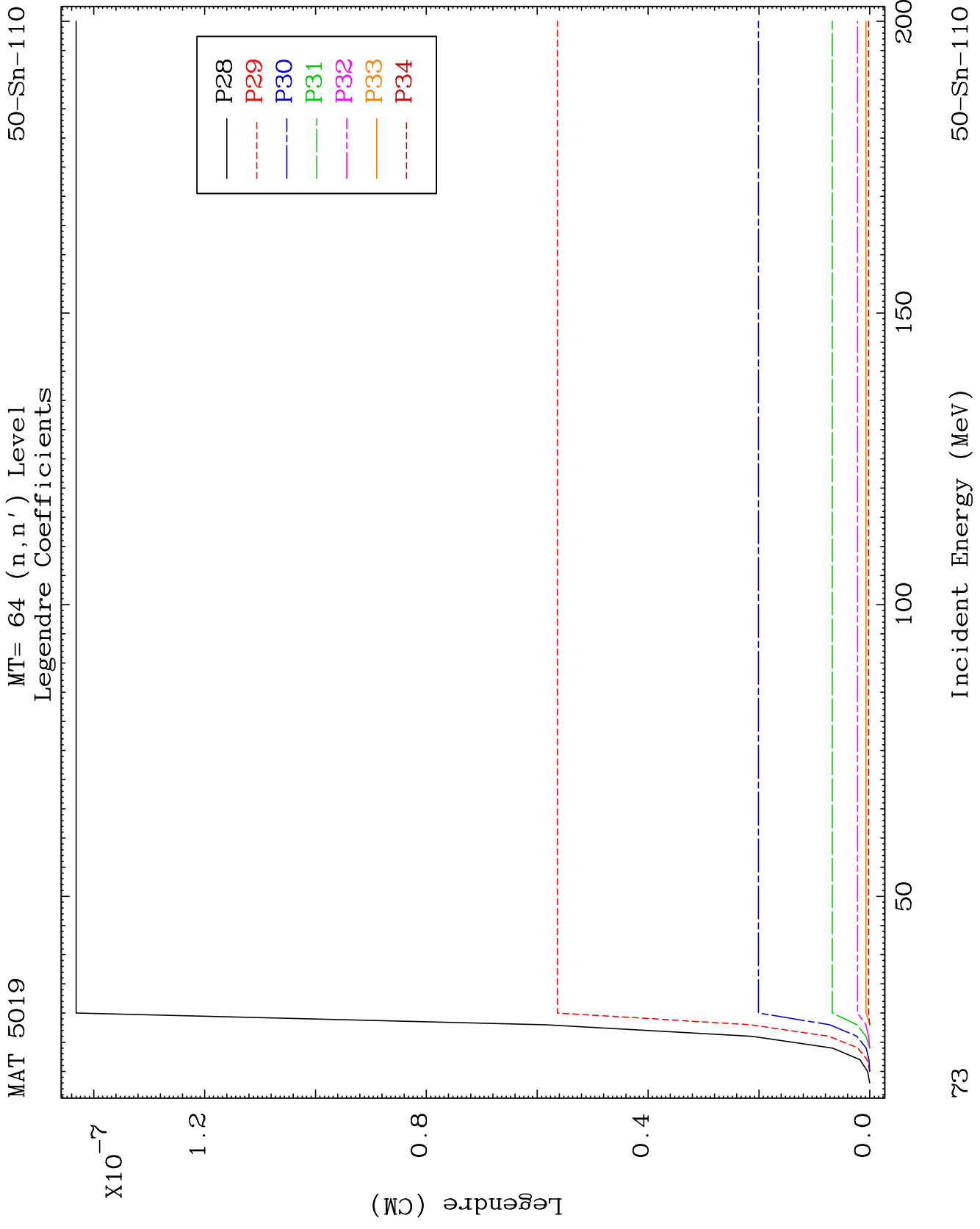


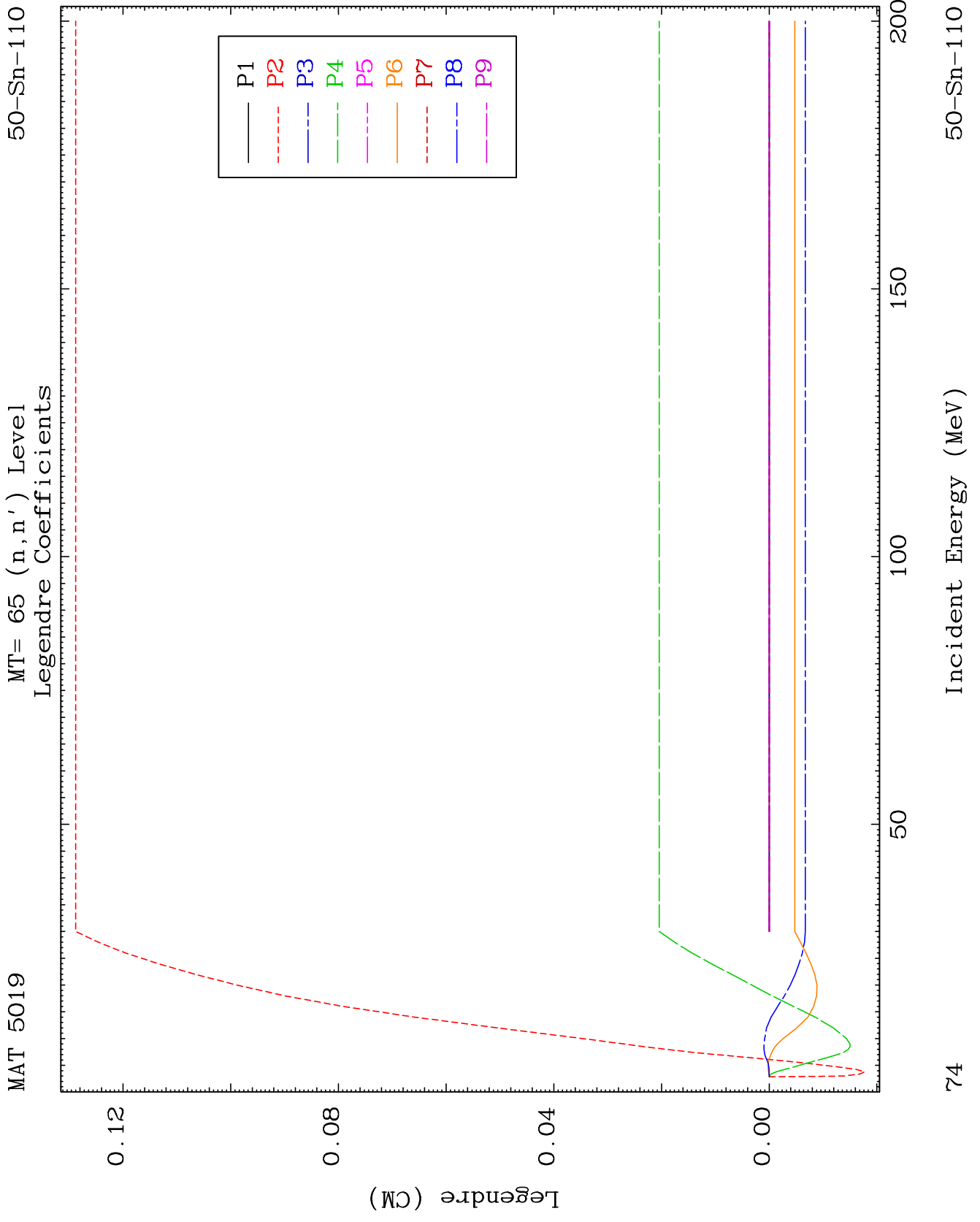


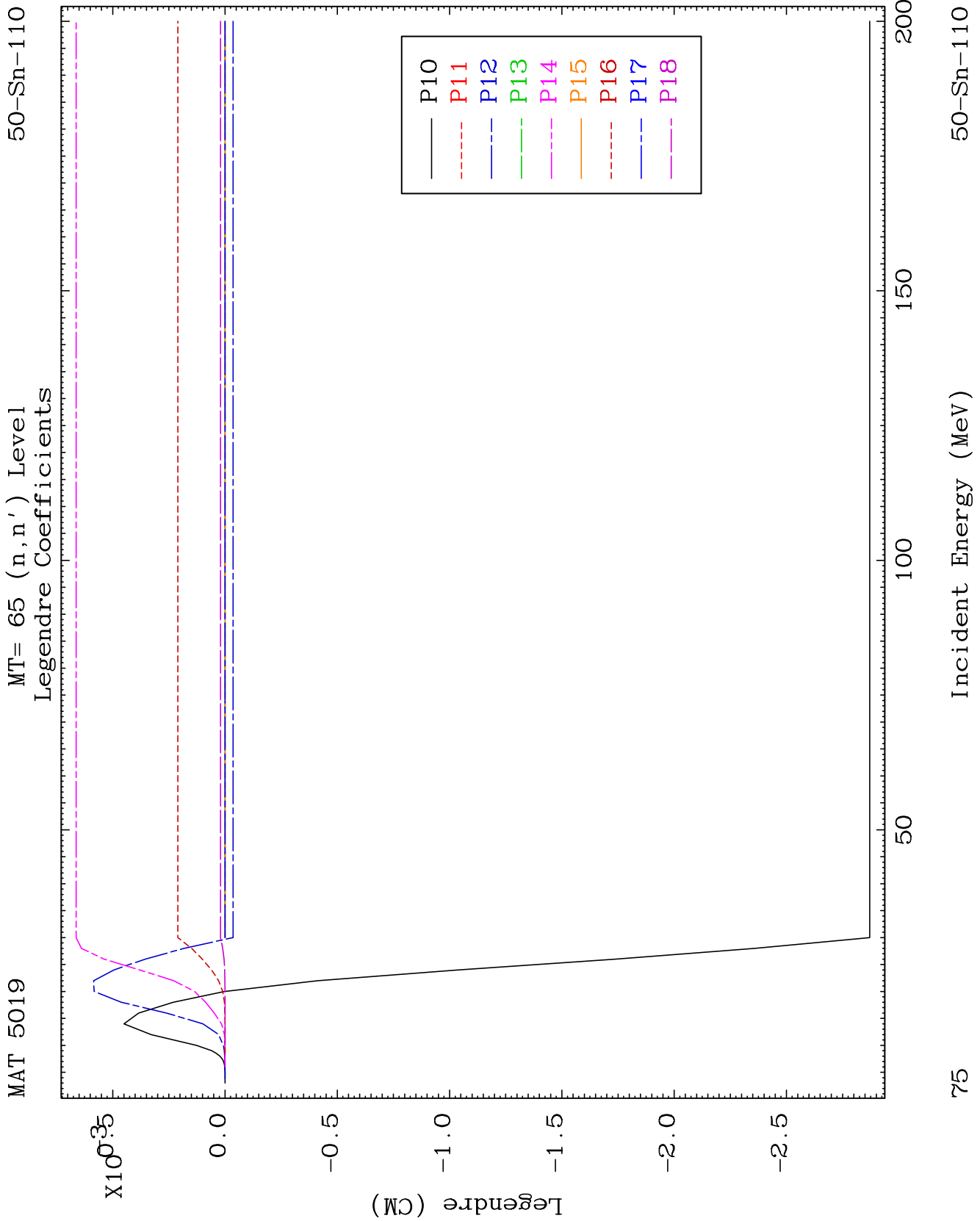




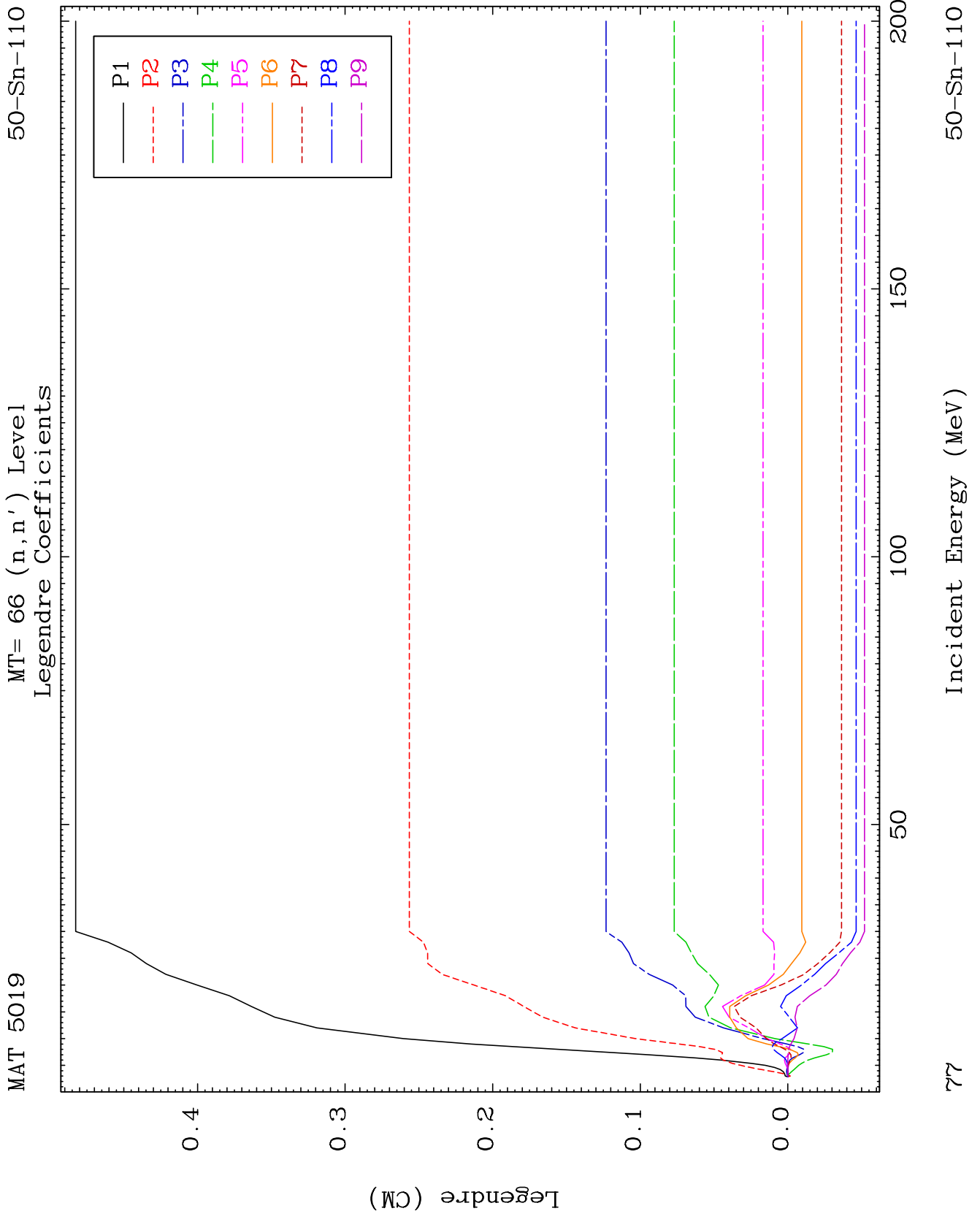


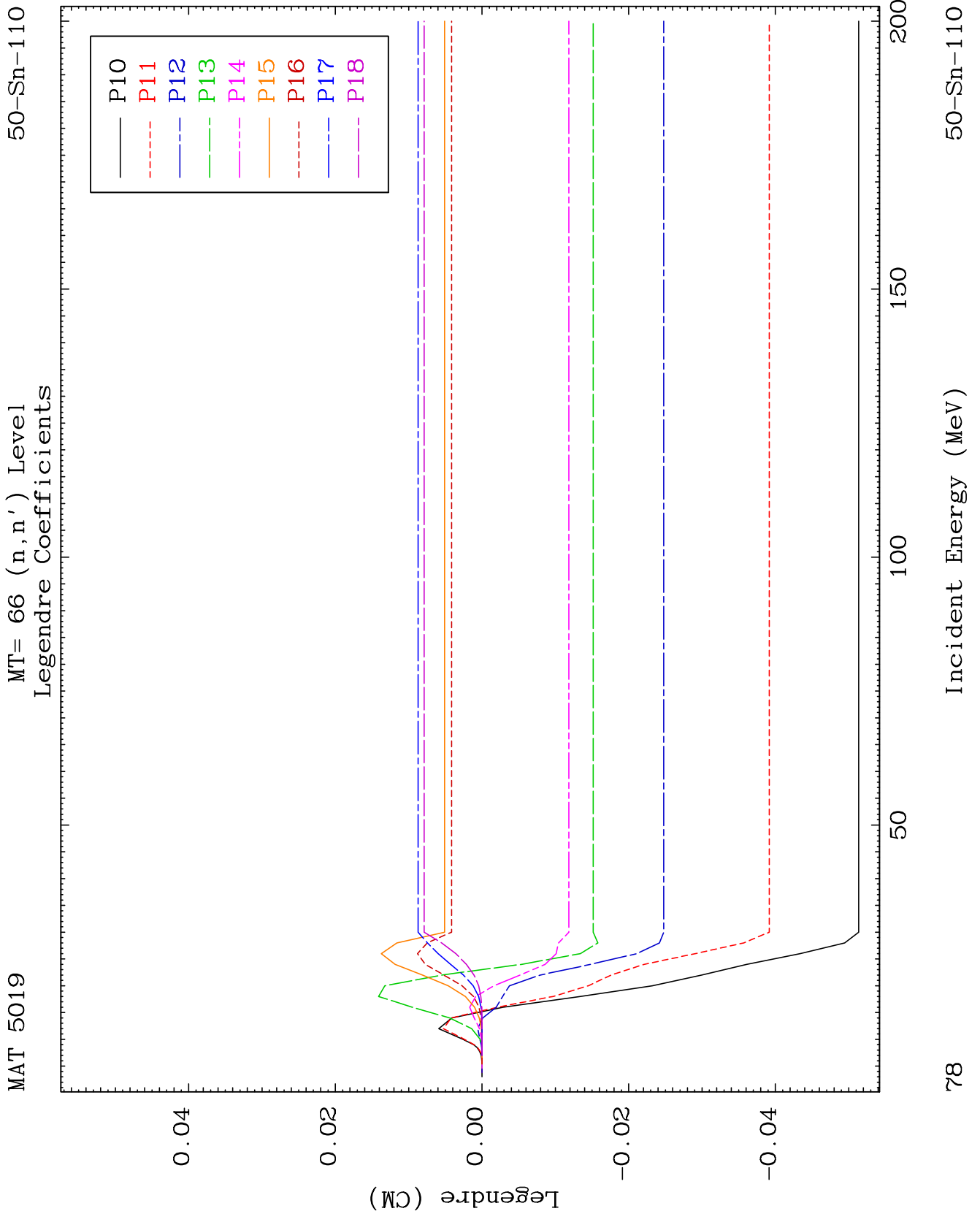






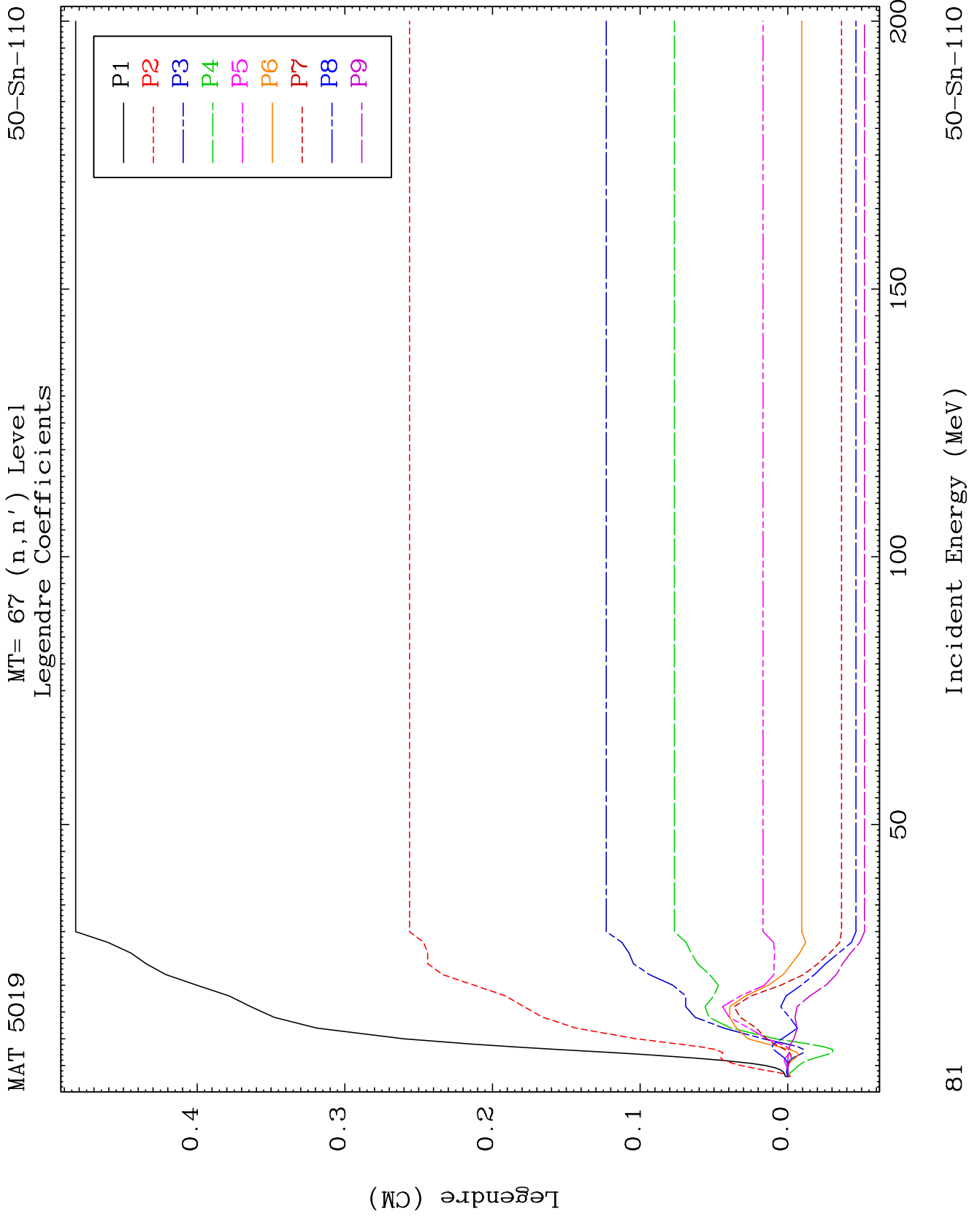








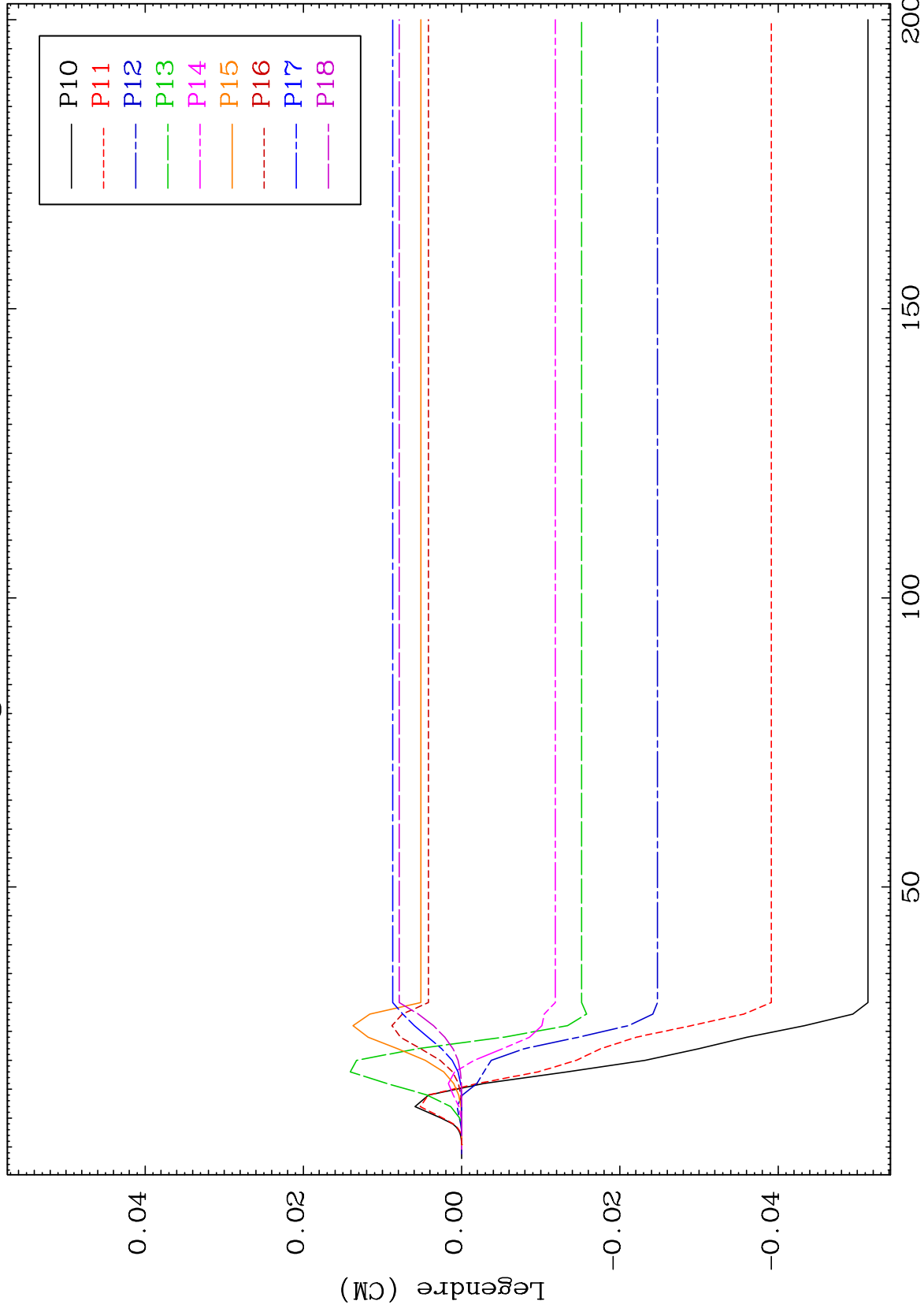




MAT 5019

MT= 67 (n,n') Level  
Legendre Coefficients

50-Sn-110



82

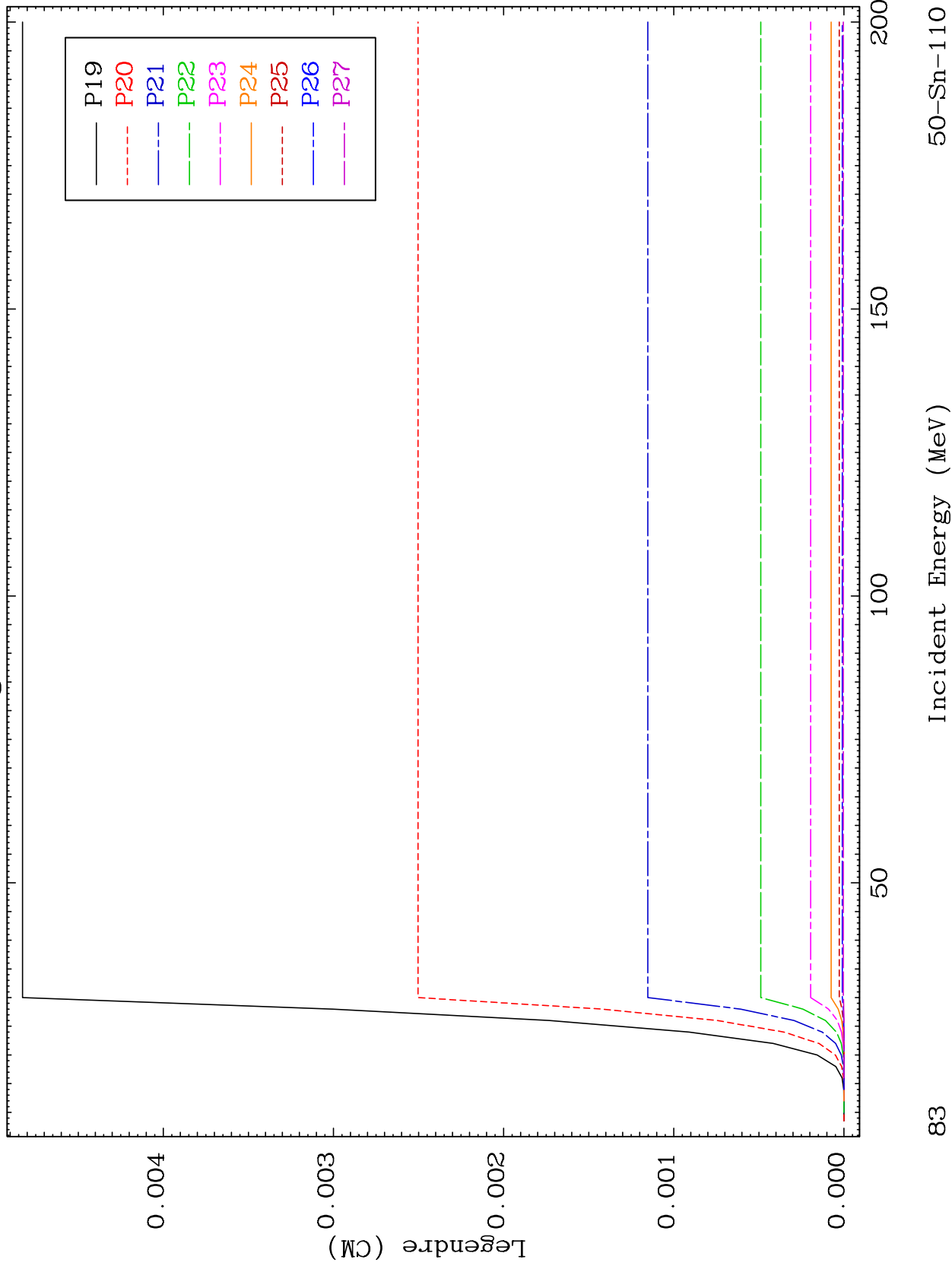
Incident Energy (MeV)

50-Sn-110

MAT 5019

MT= 67 (n,n') Level  
Legendre Coefficients

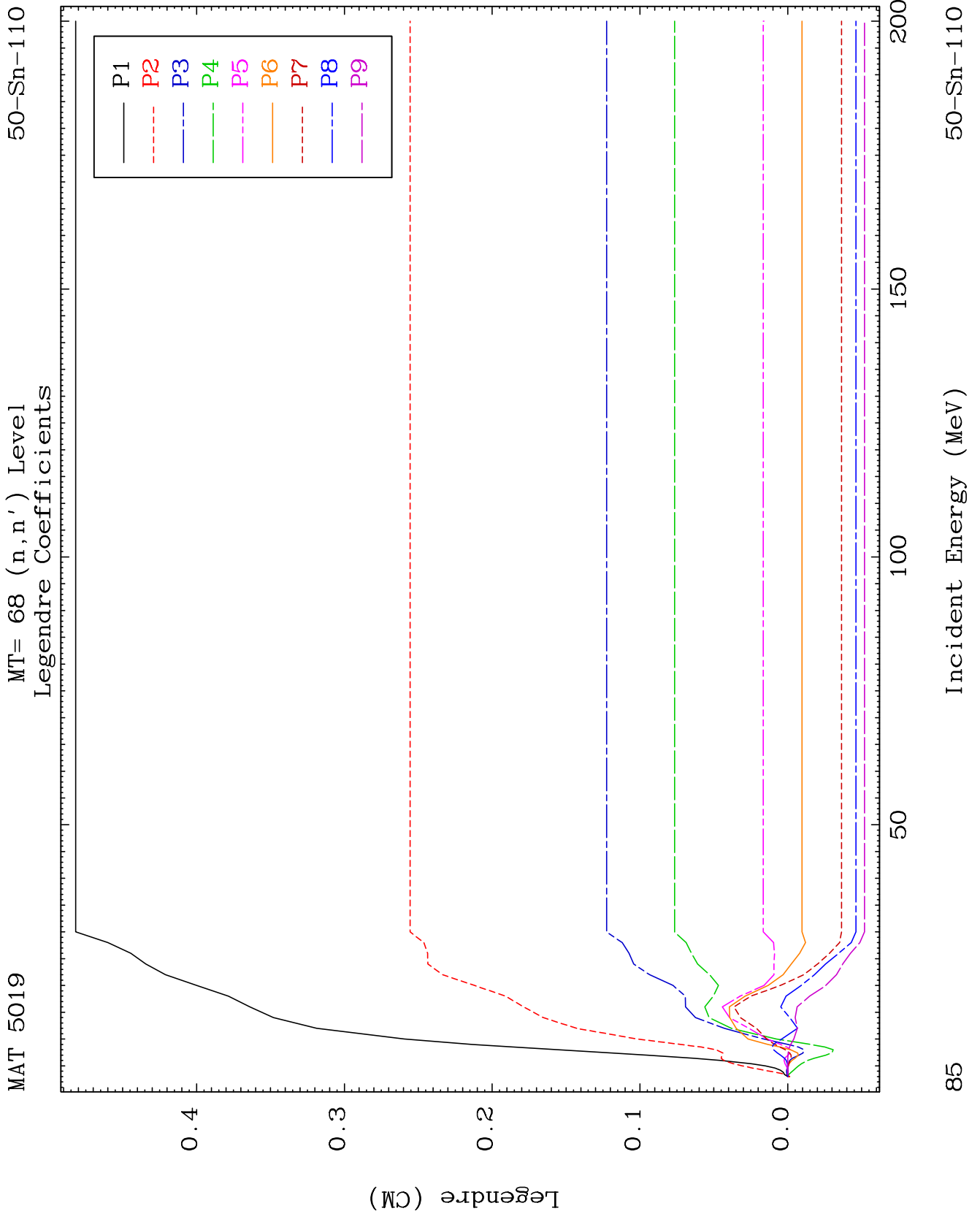
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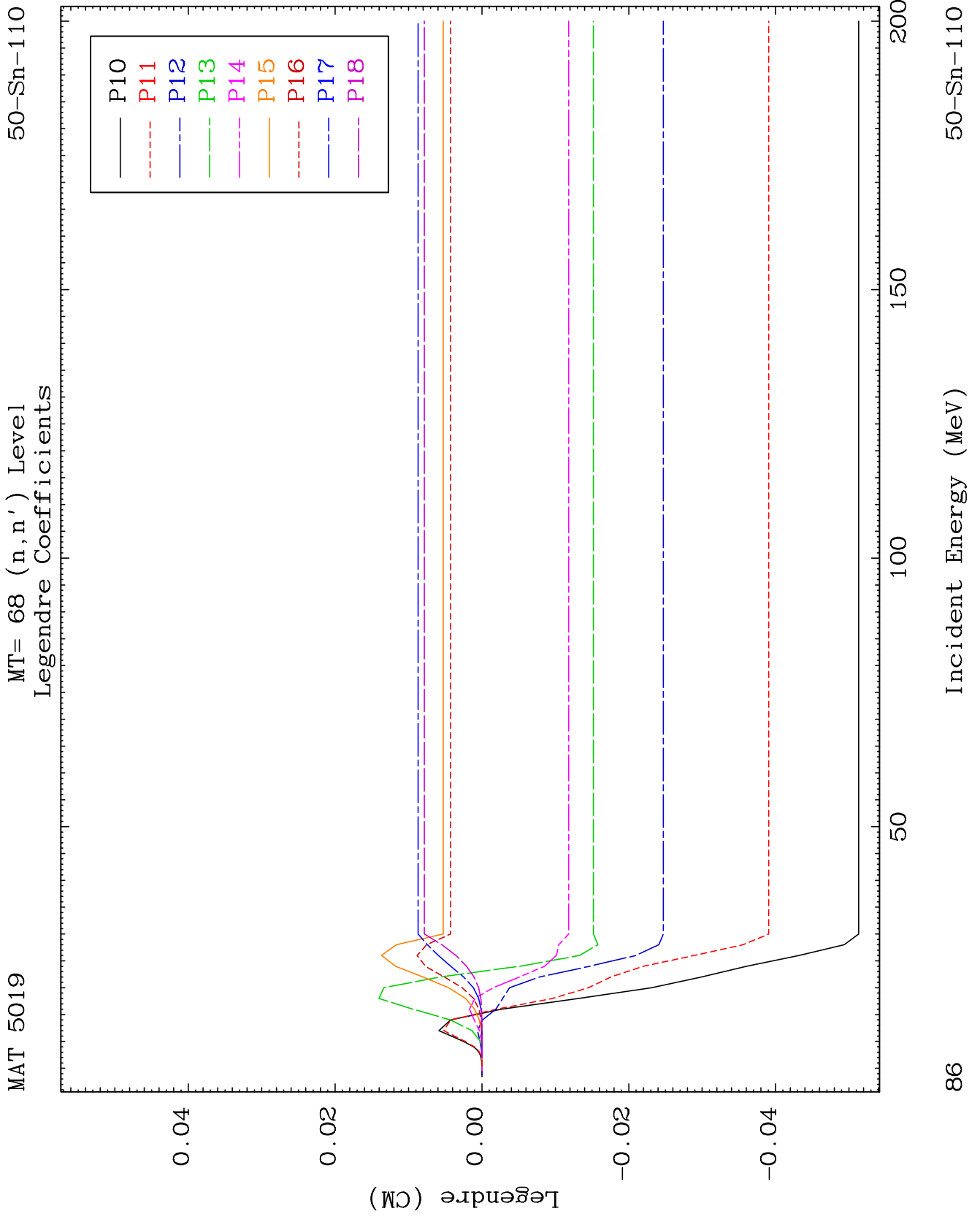


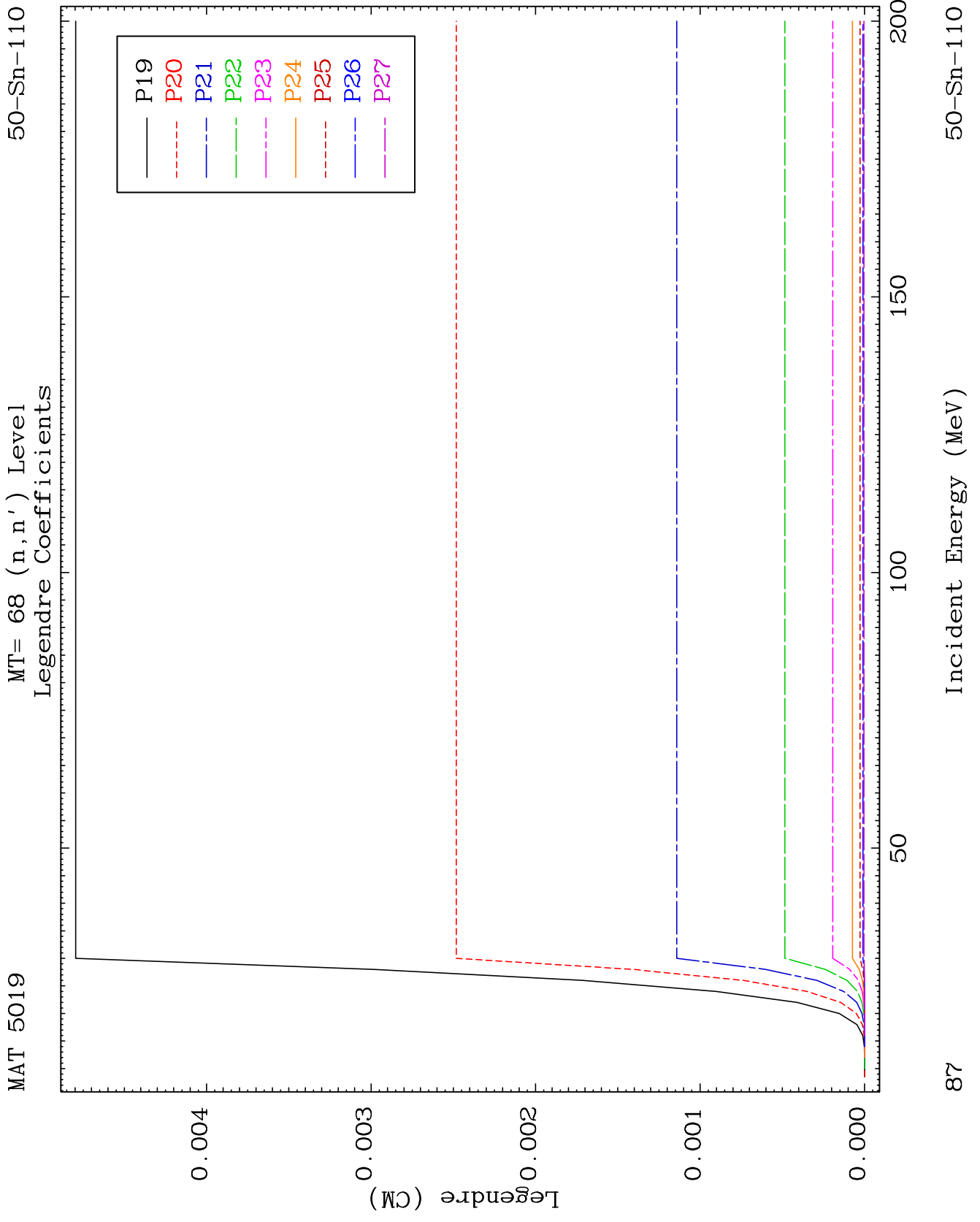
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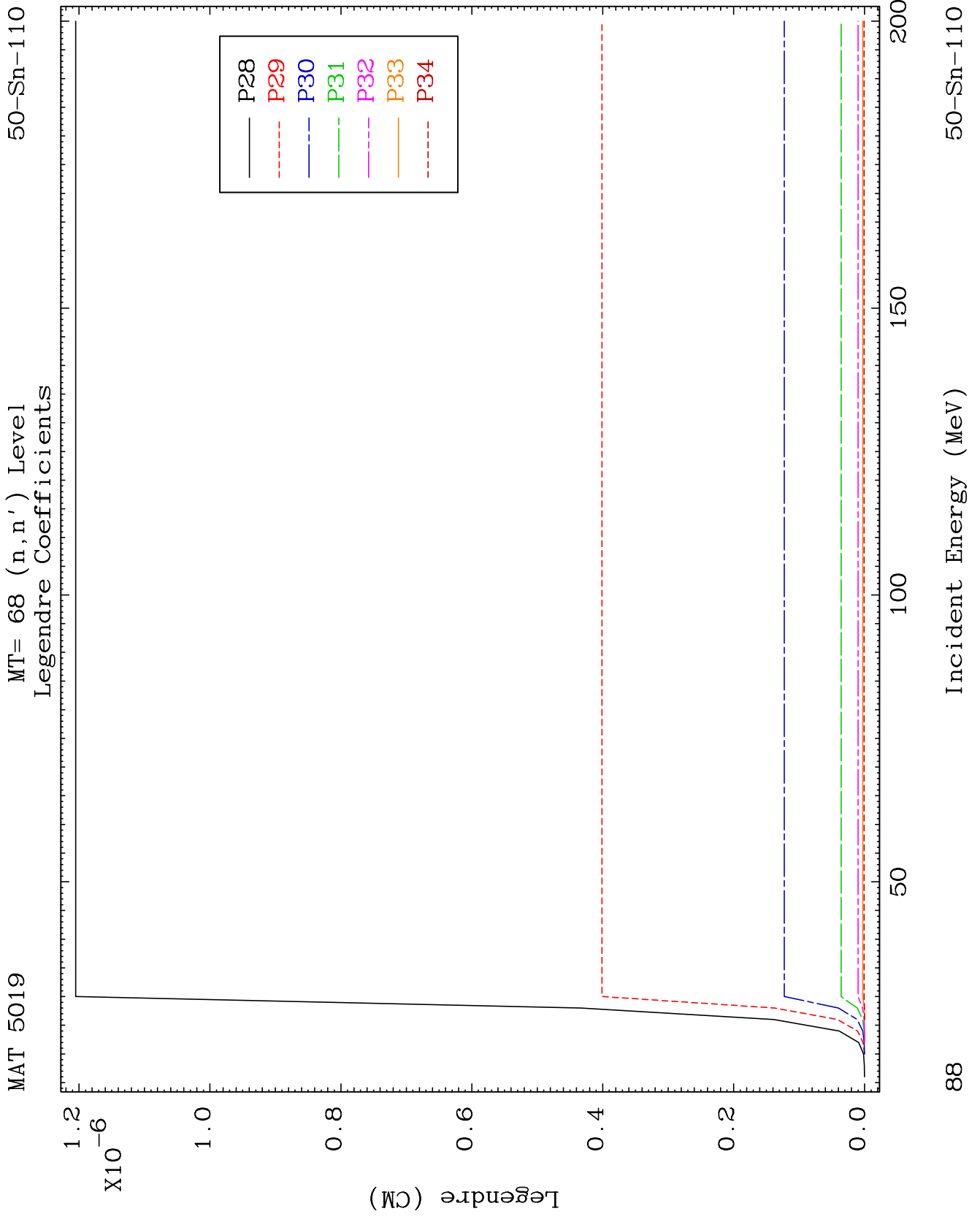
50-Sn-110

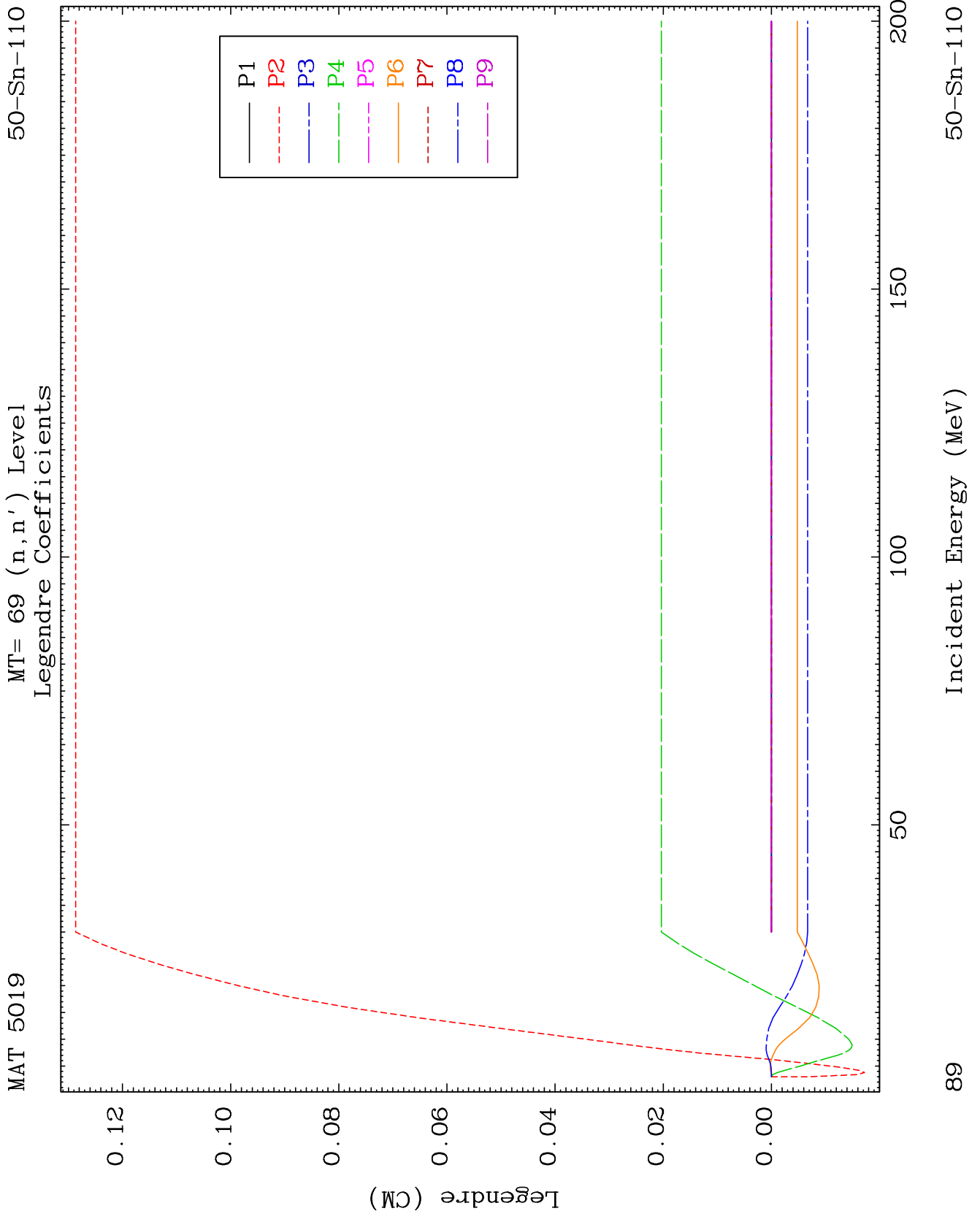








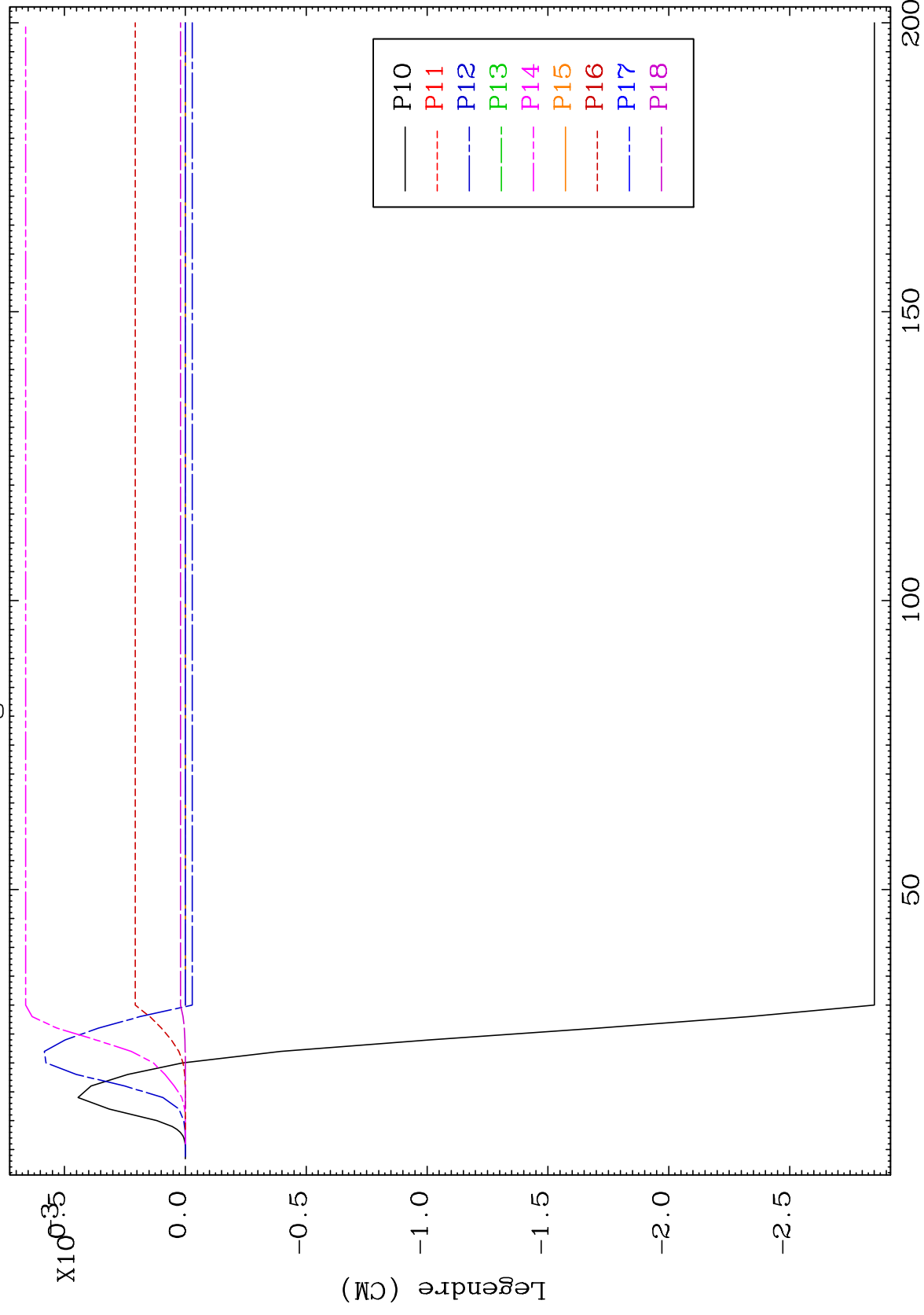




MAT 5019

MT= 69 (n,n') Level  
Legendre Coefficients

50-Sn-110



90

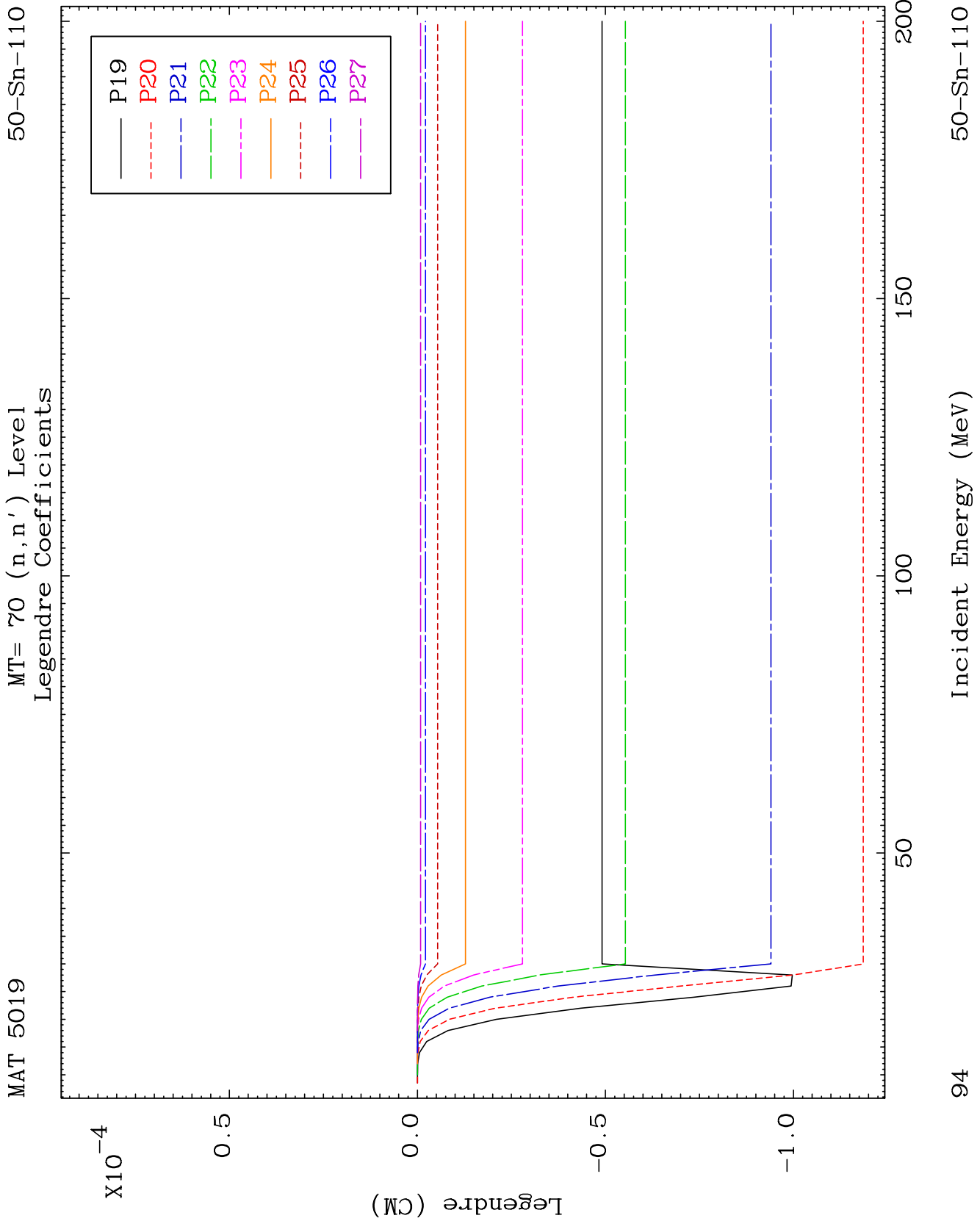
Incident Energy (MeV)

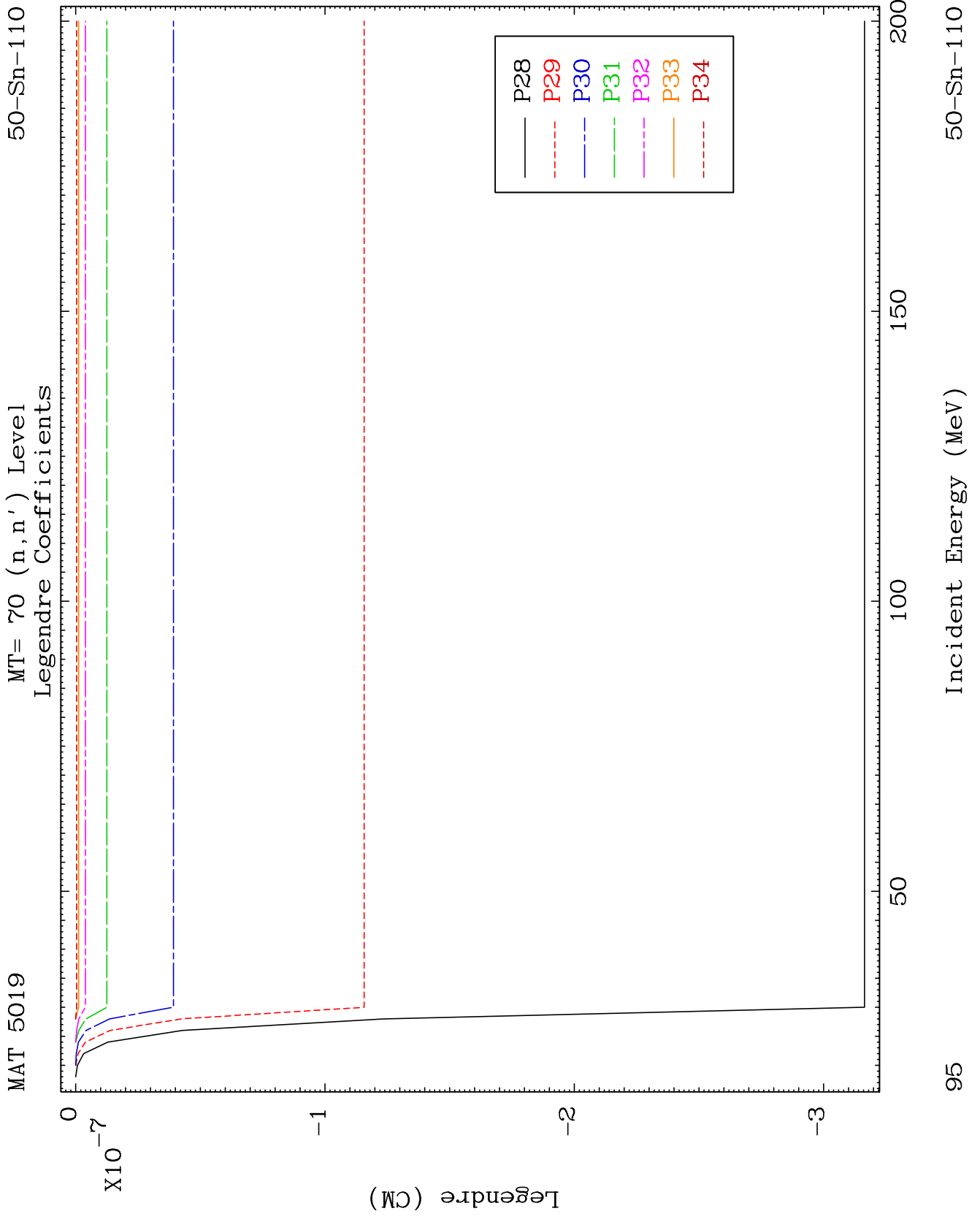
50-Sn-110



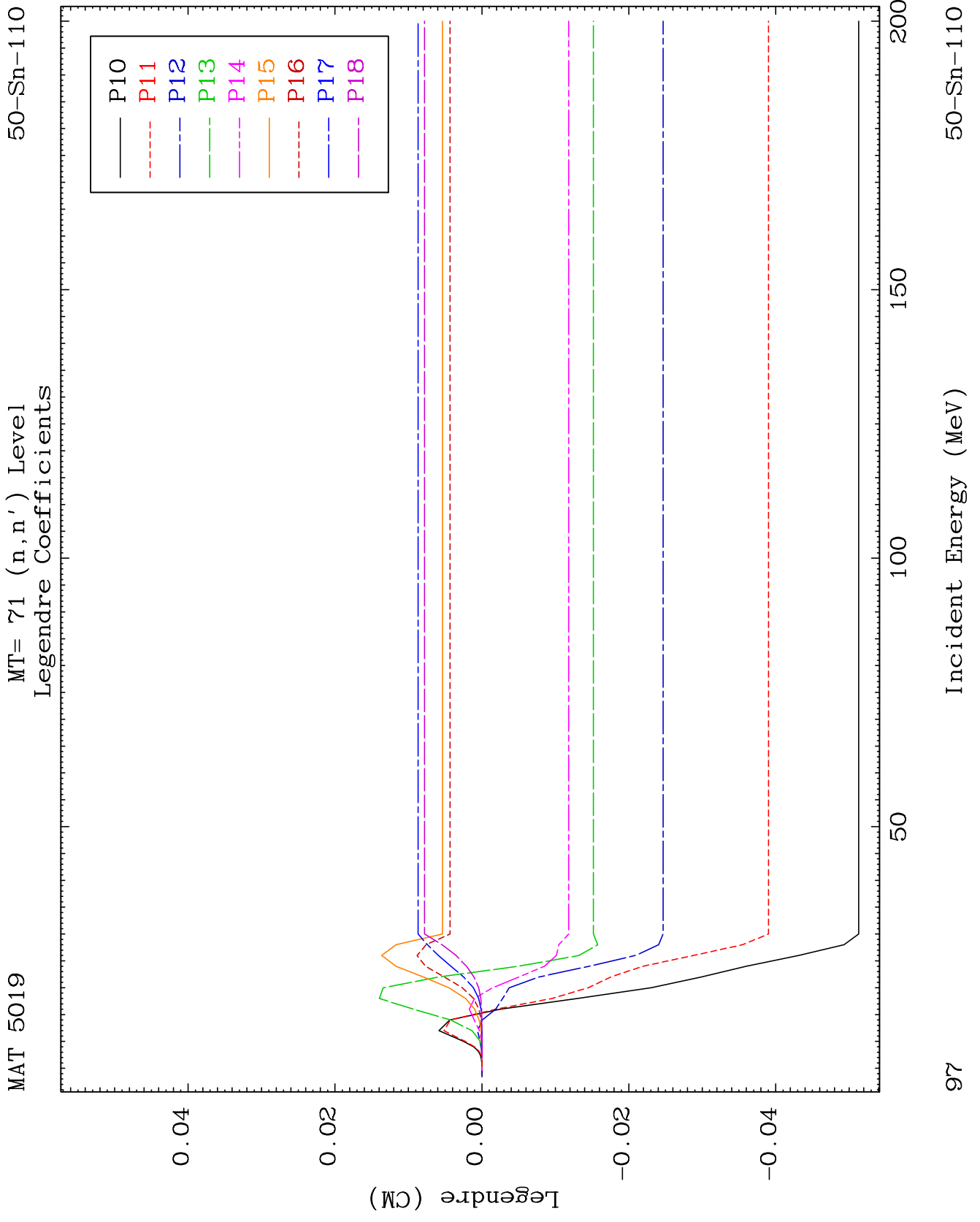


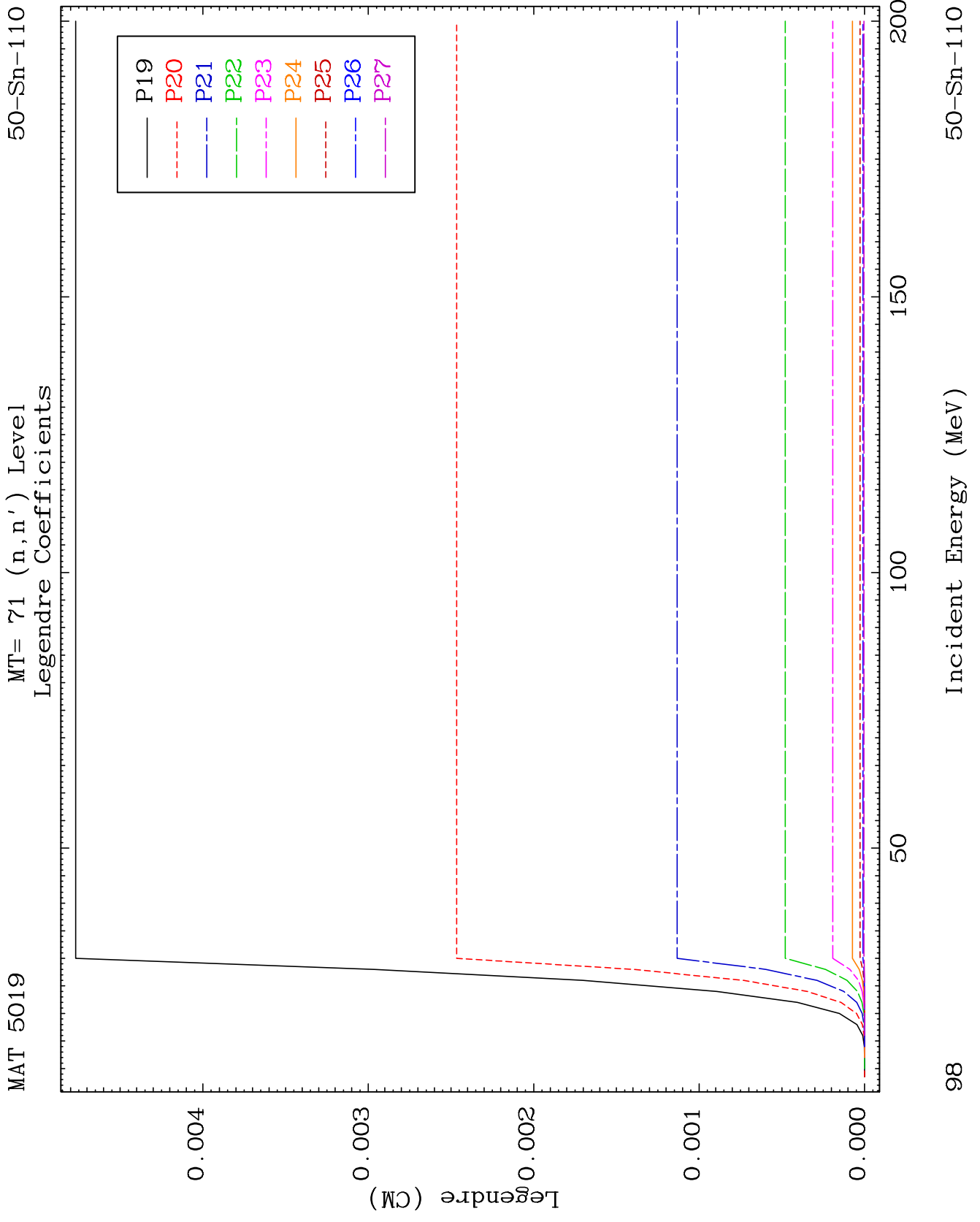




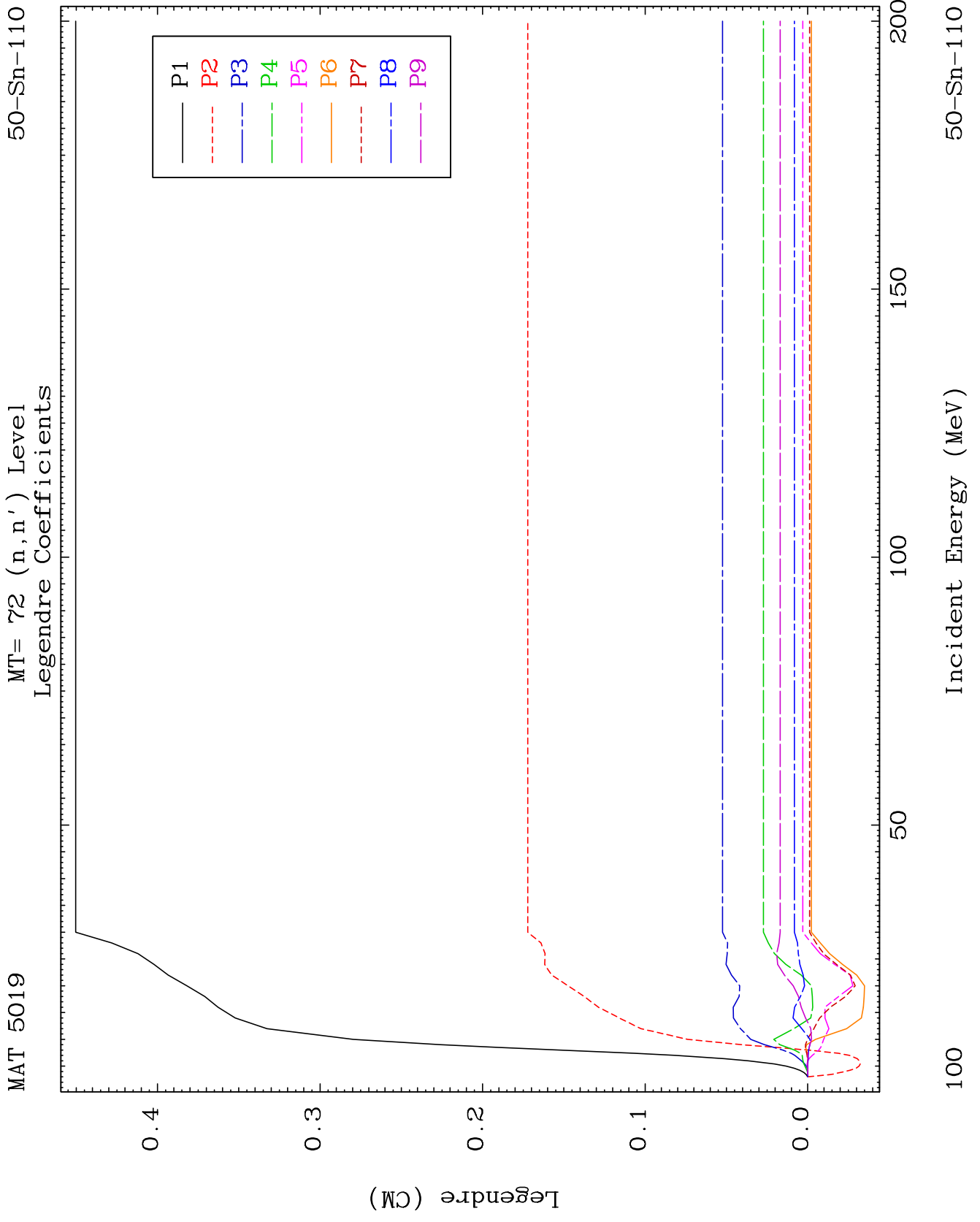


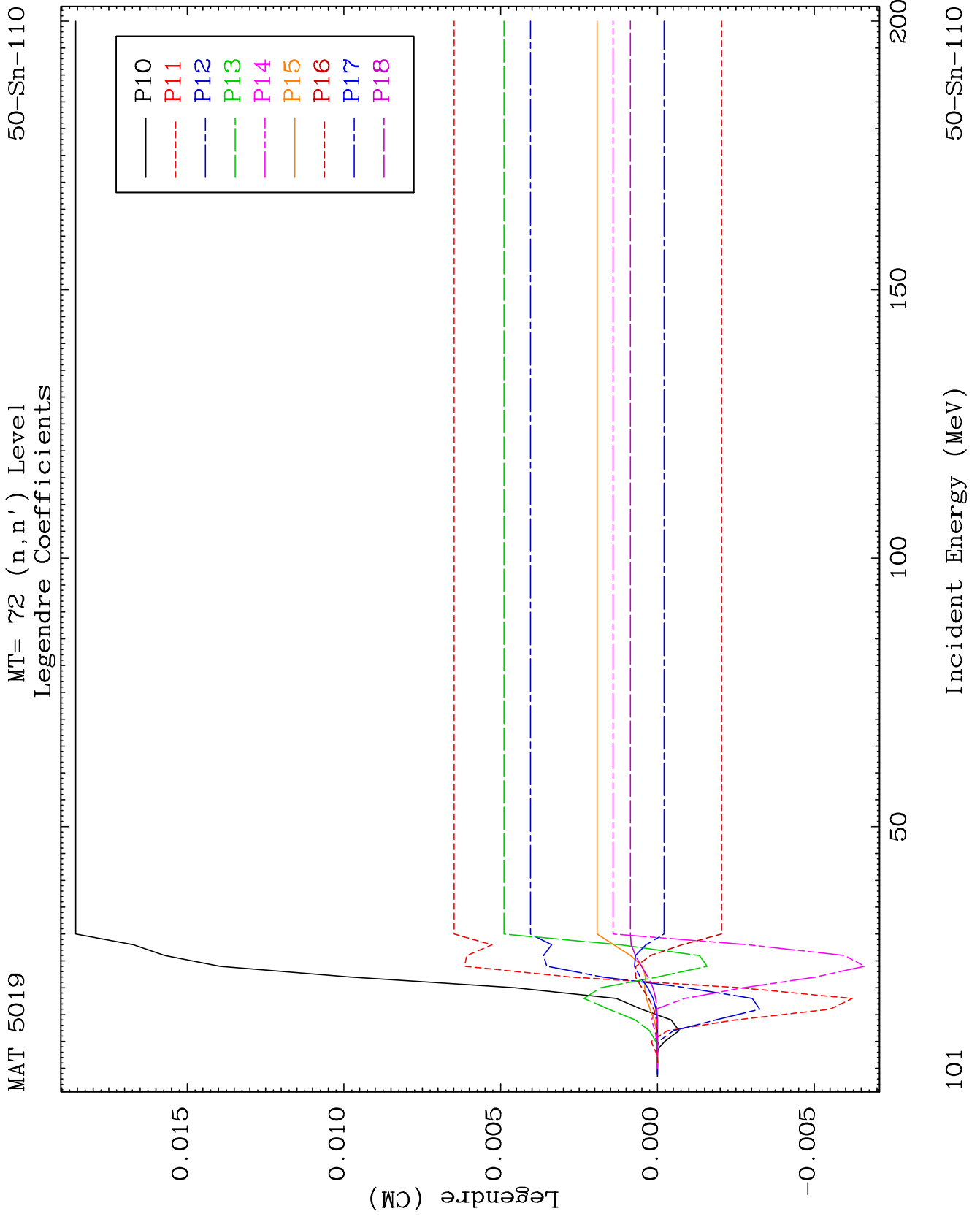








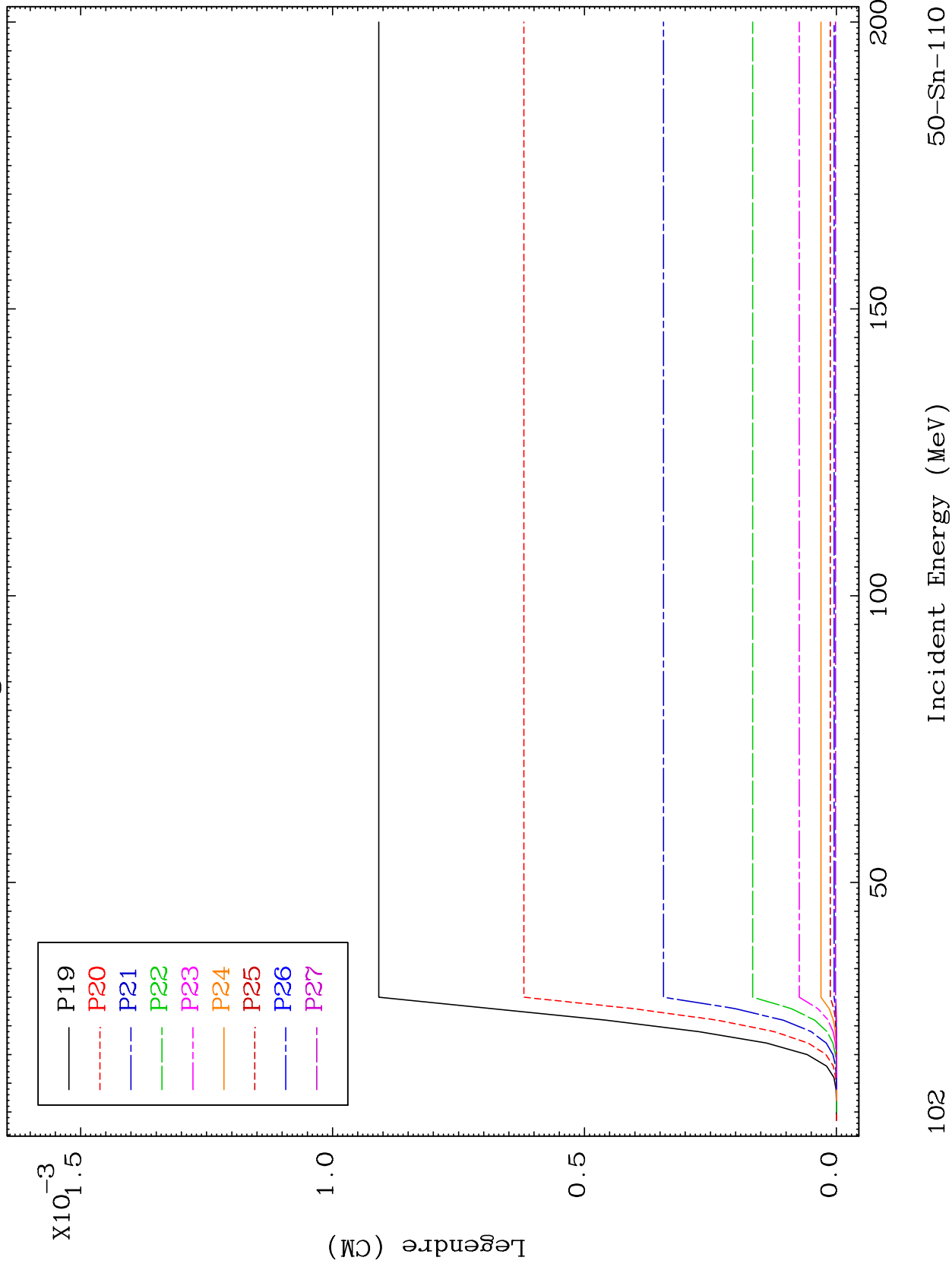




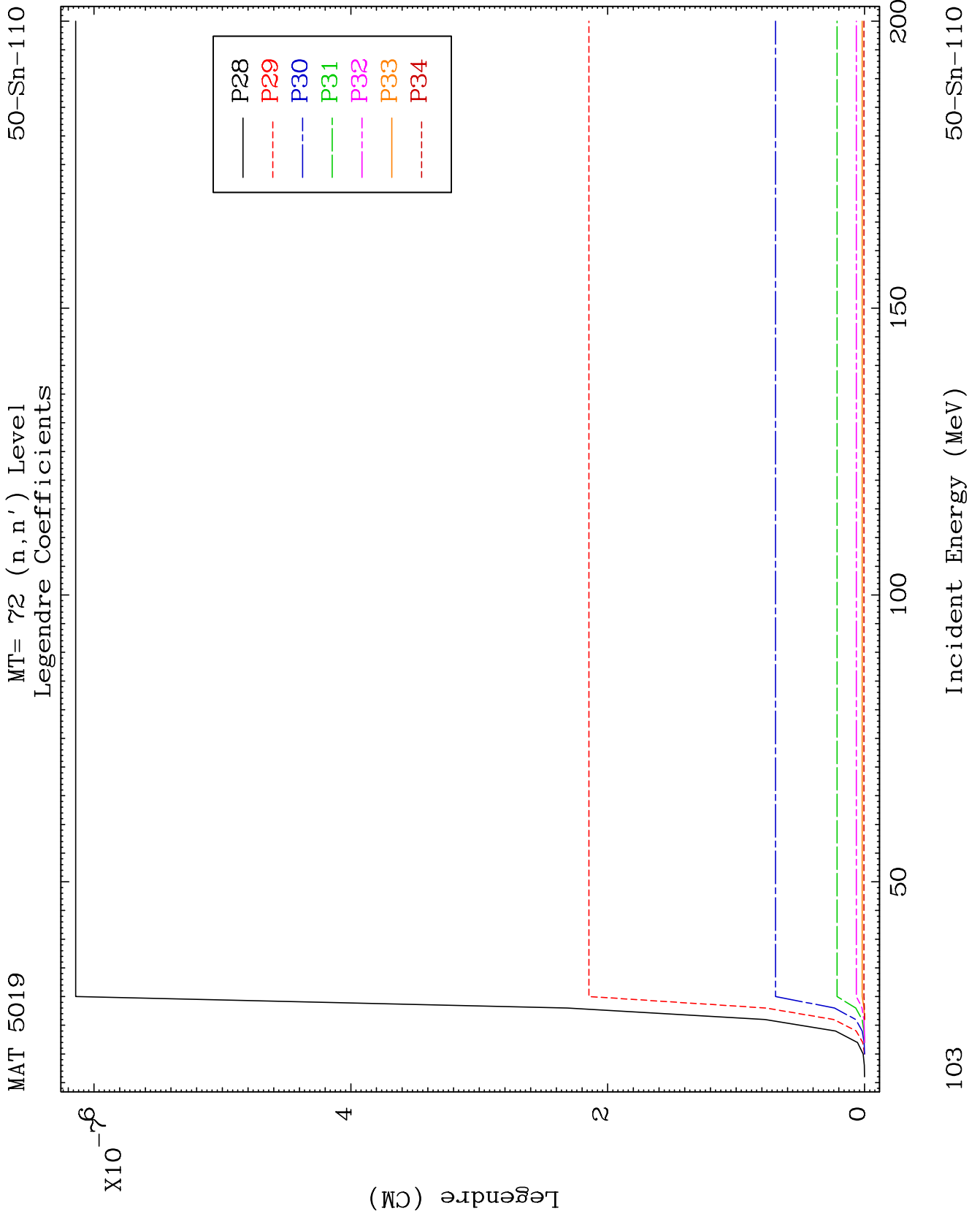
MAT 5019

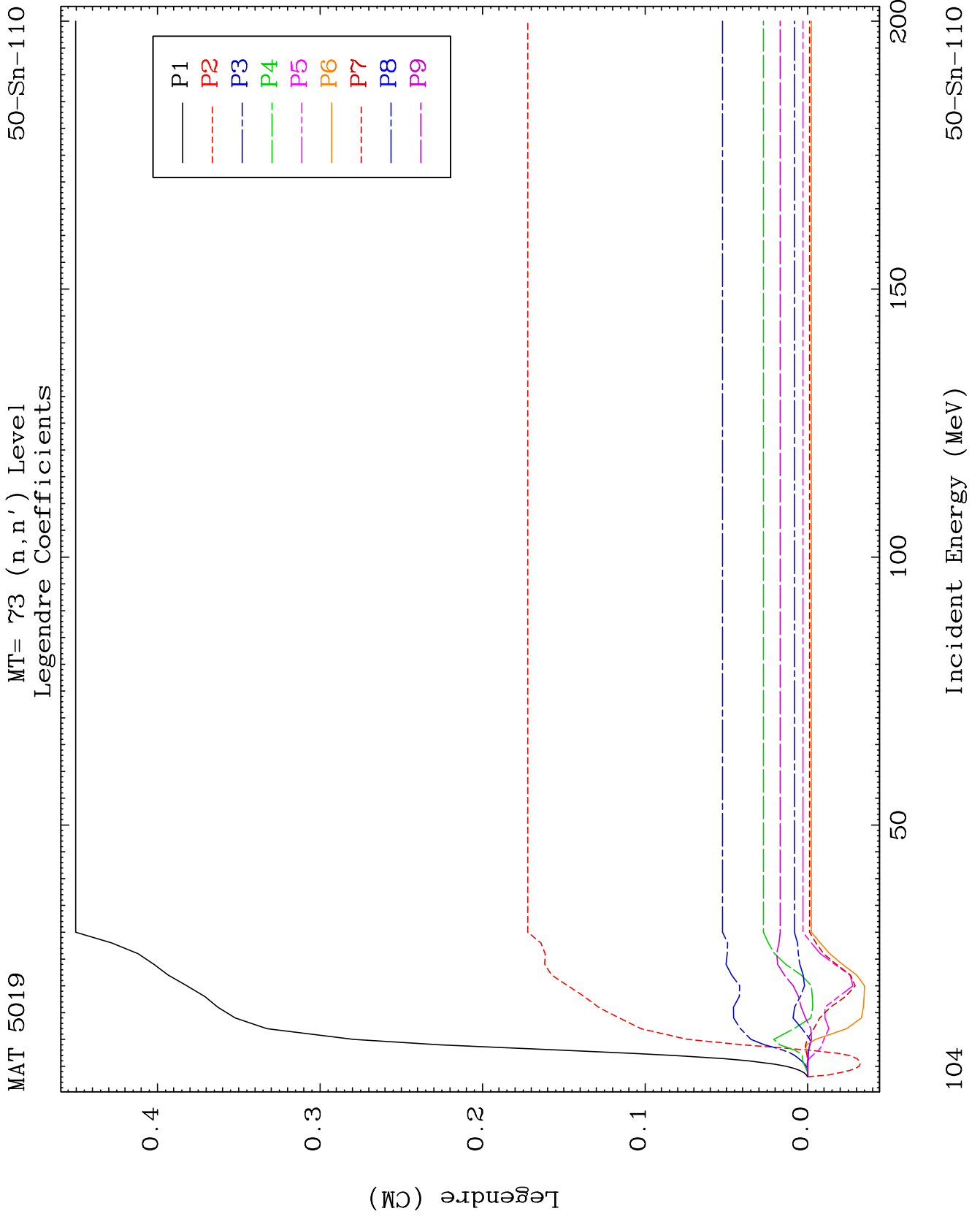
MT= 72 (n,n') Level  
Legendre Coefficients

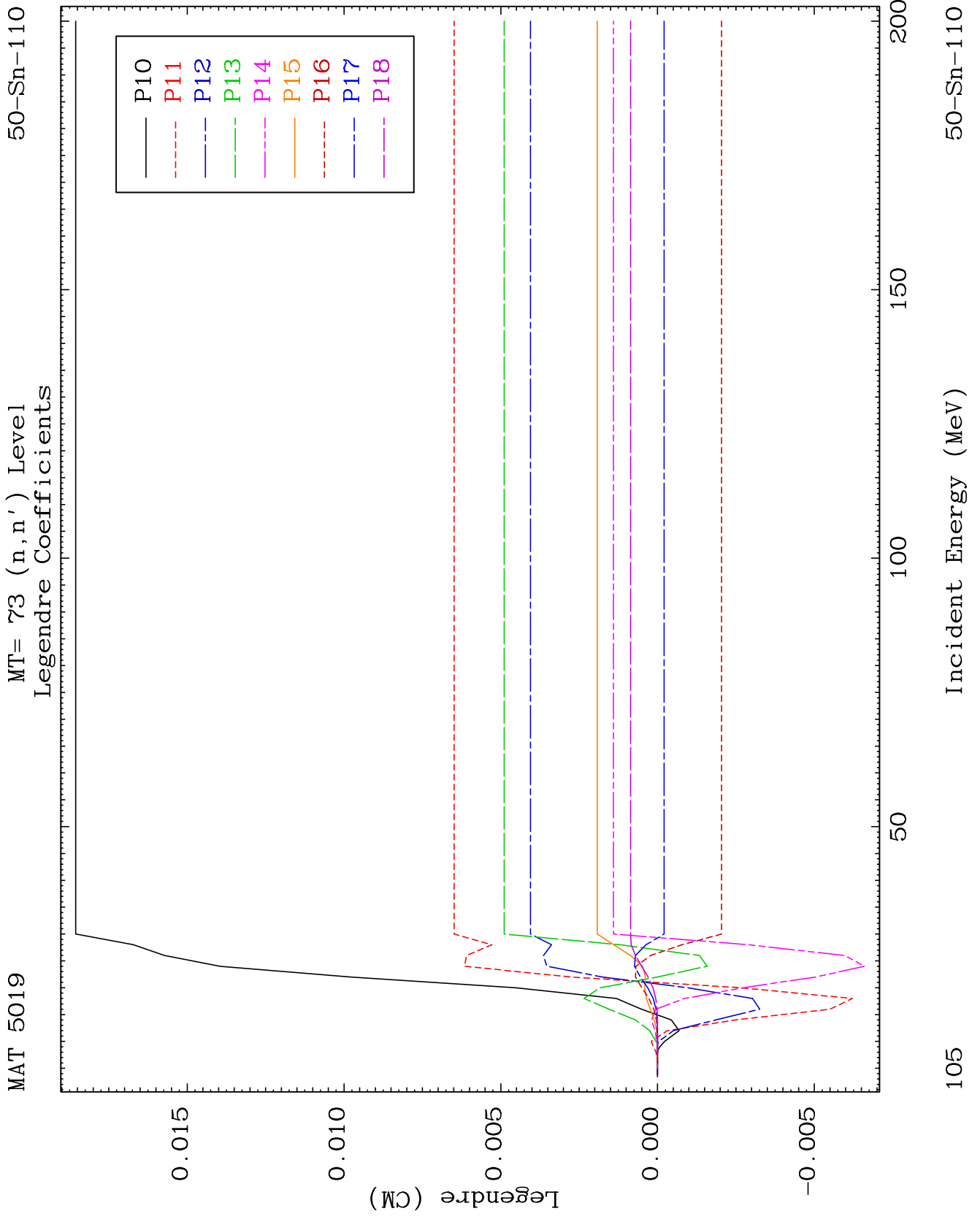
50-Sn-110



102



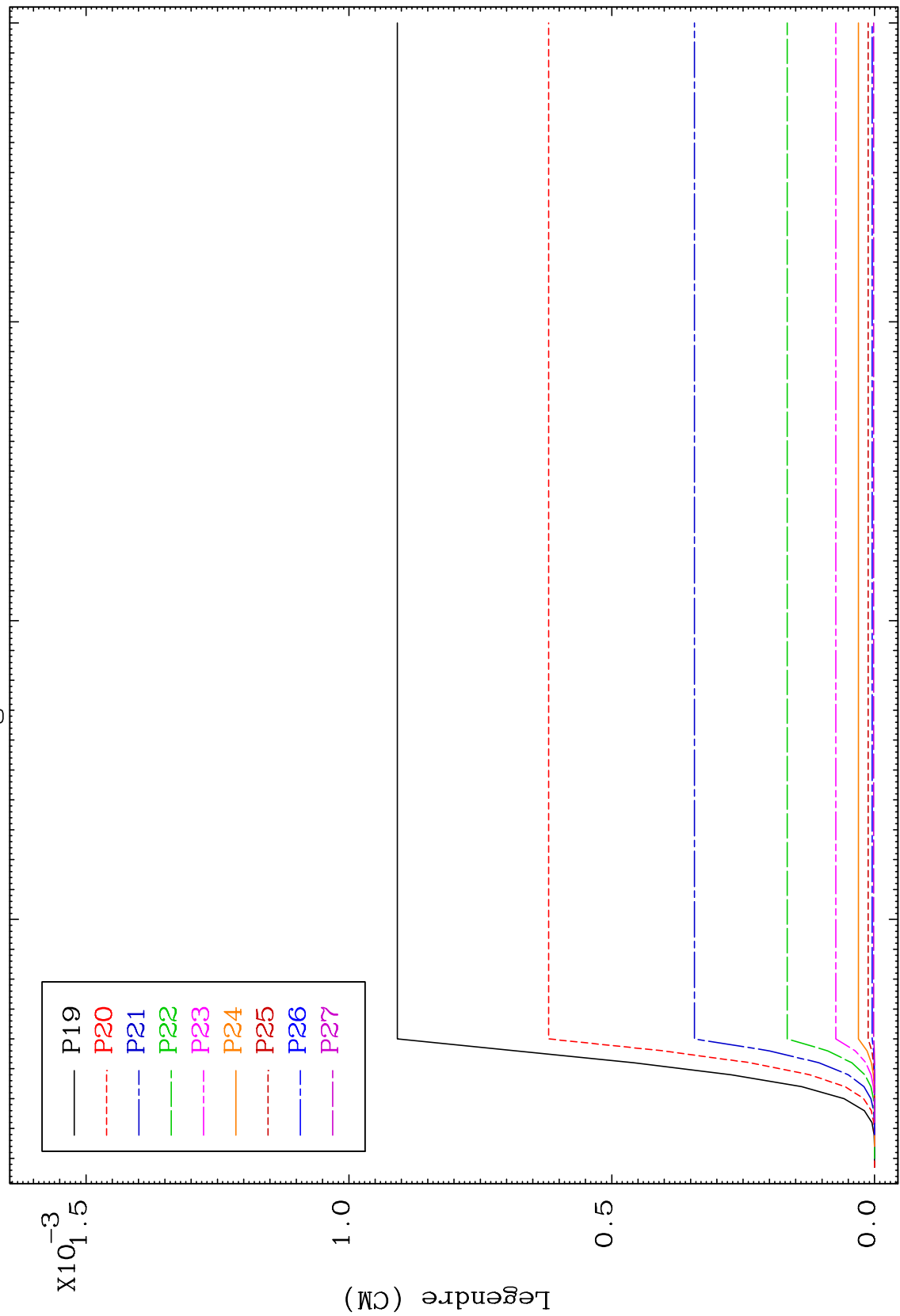
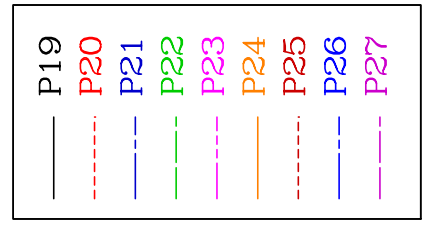




MAT 5019

MT= 73 (n,n') Level  
Legendre Coefficients

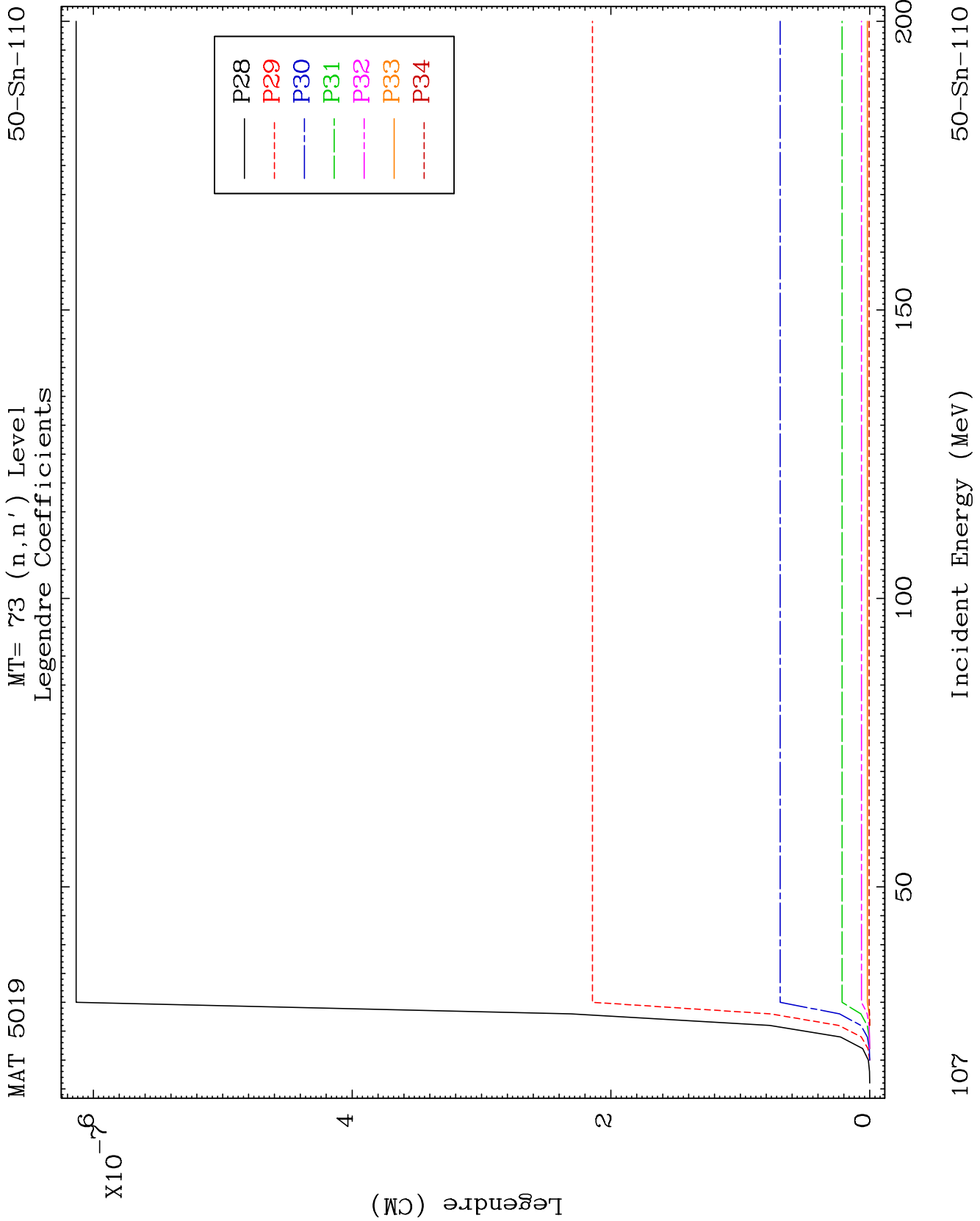
50-Sn-110

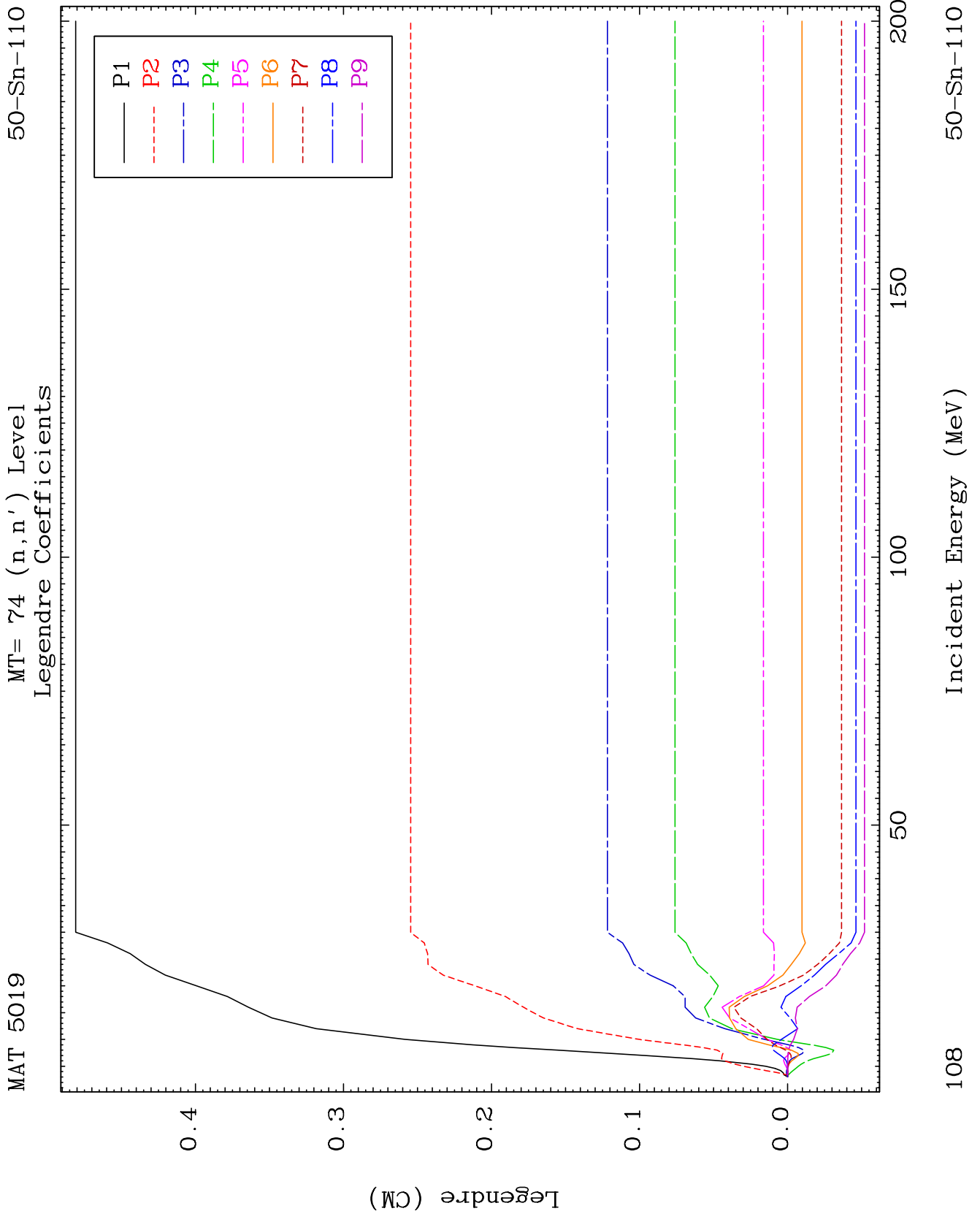


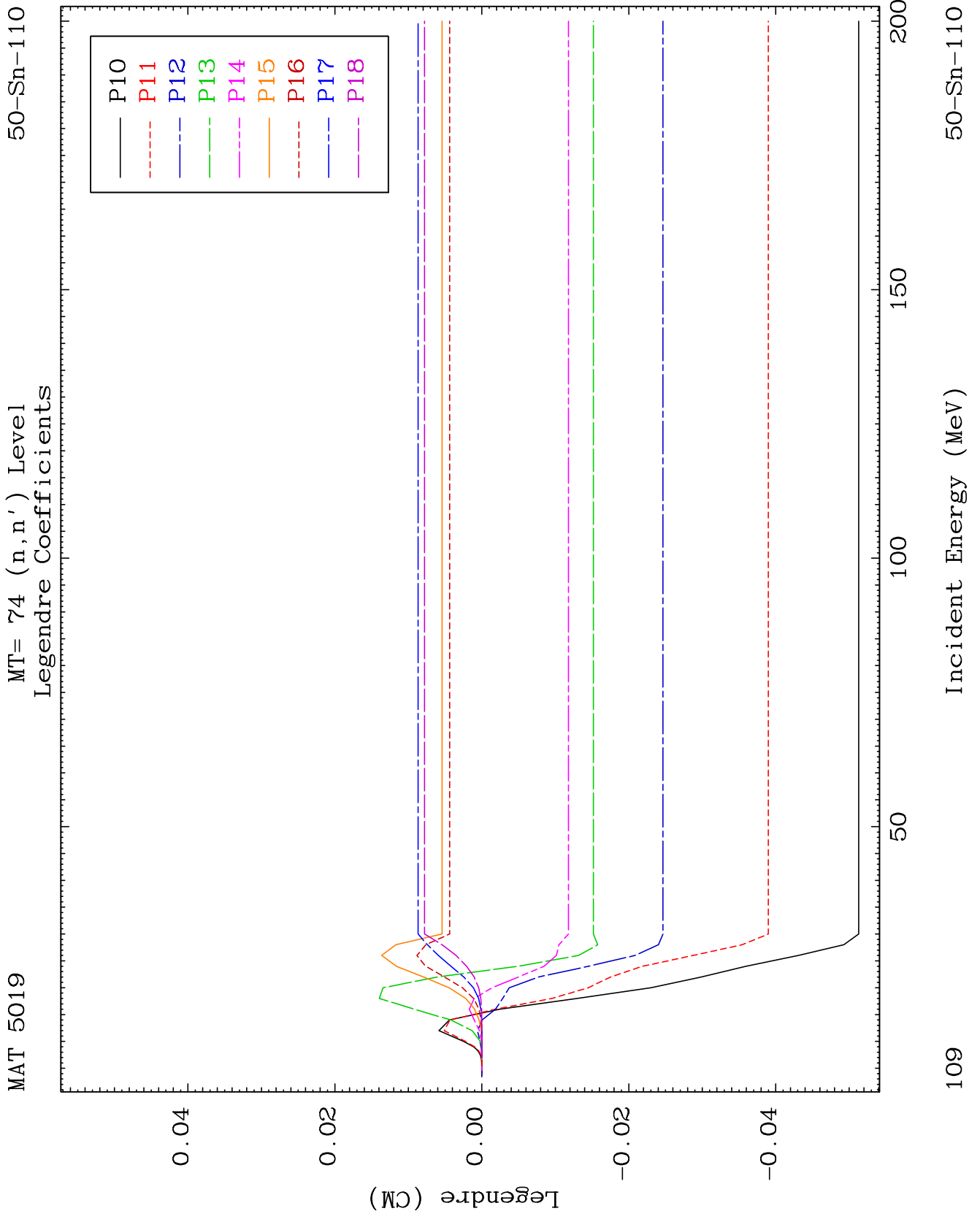
106

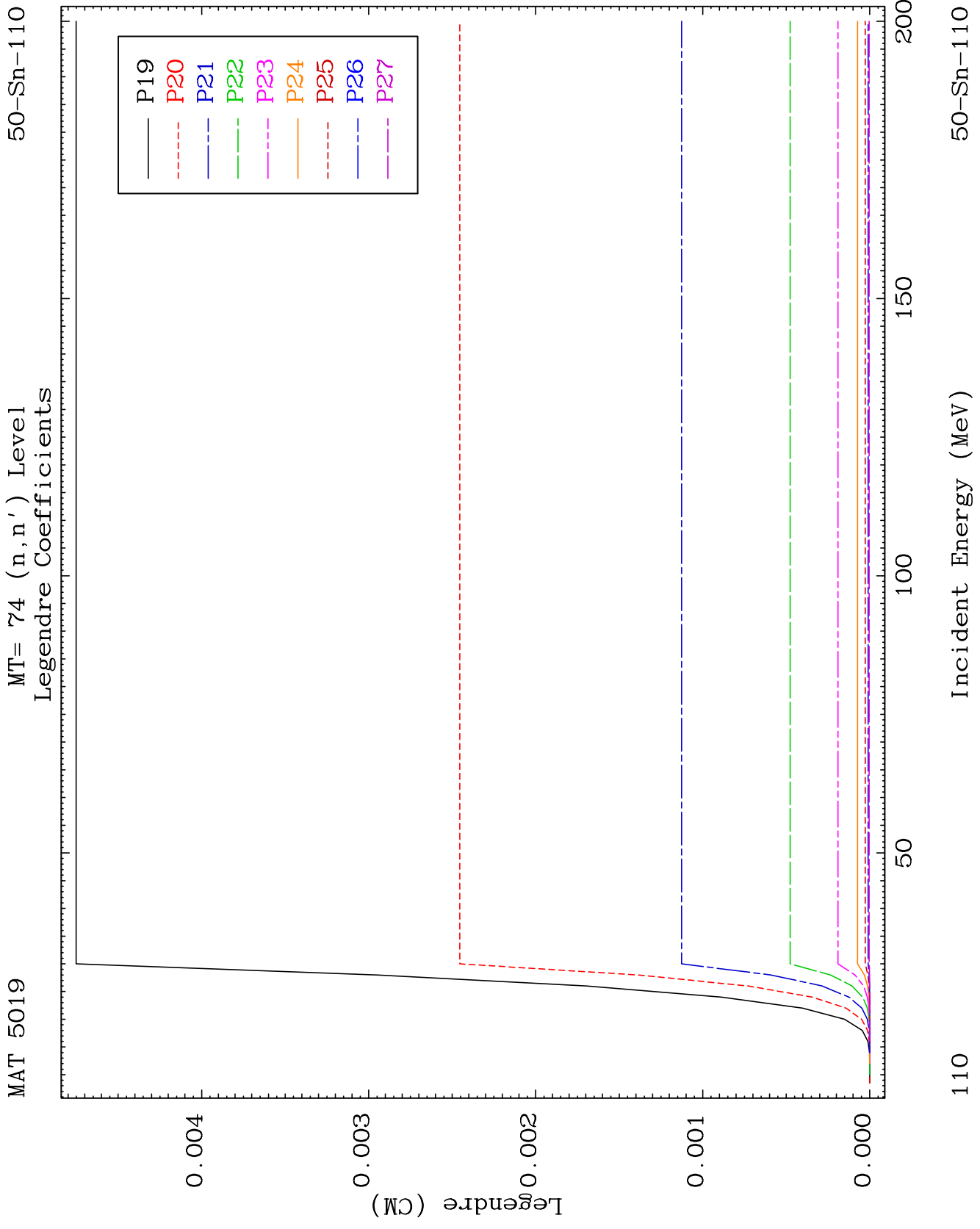
Incident Energy (MeV)

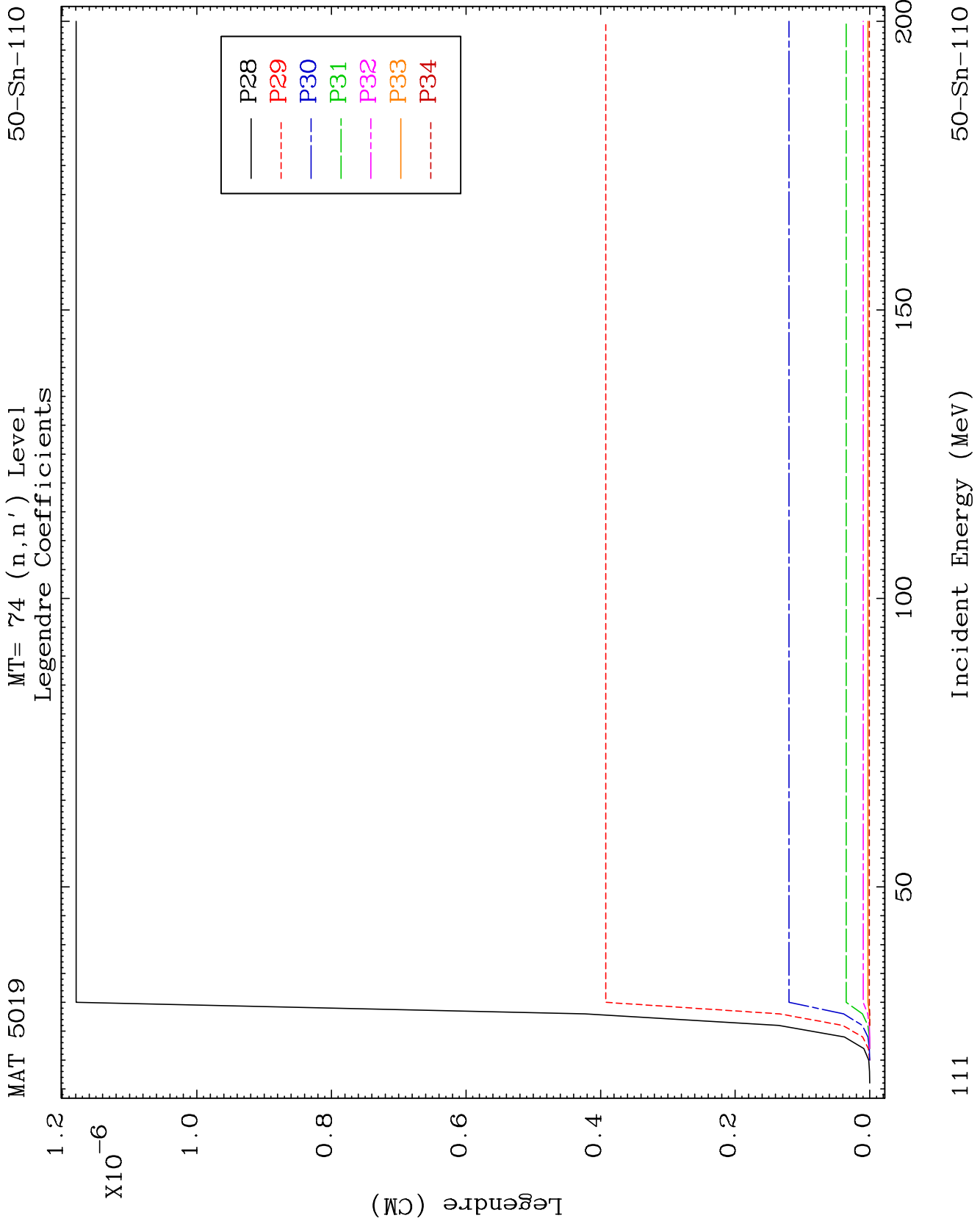
50-Sn-110

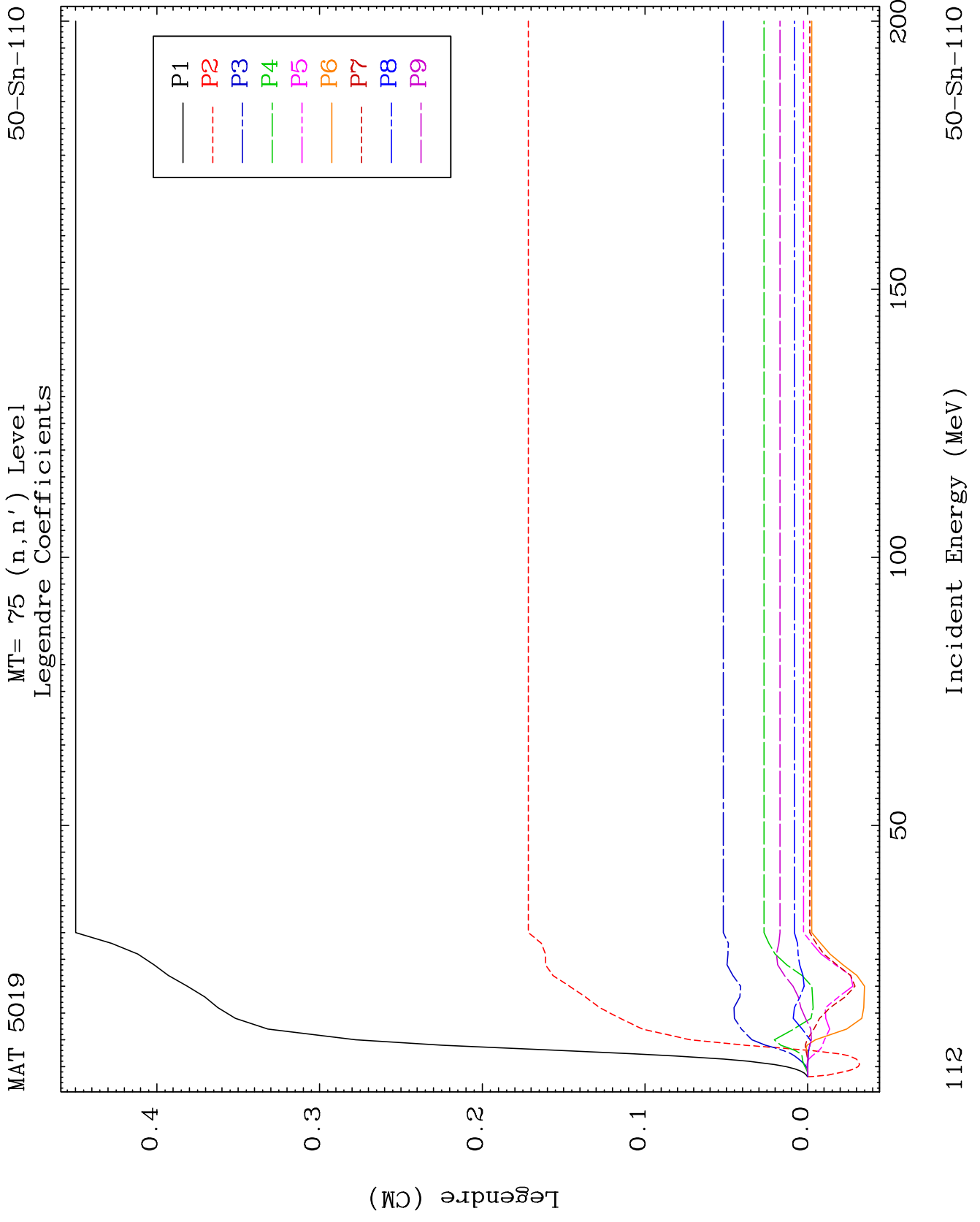










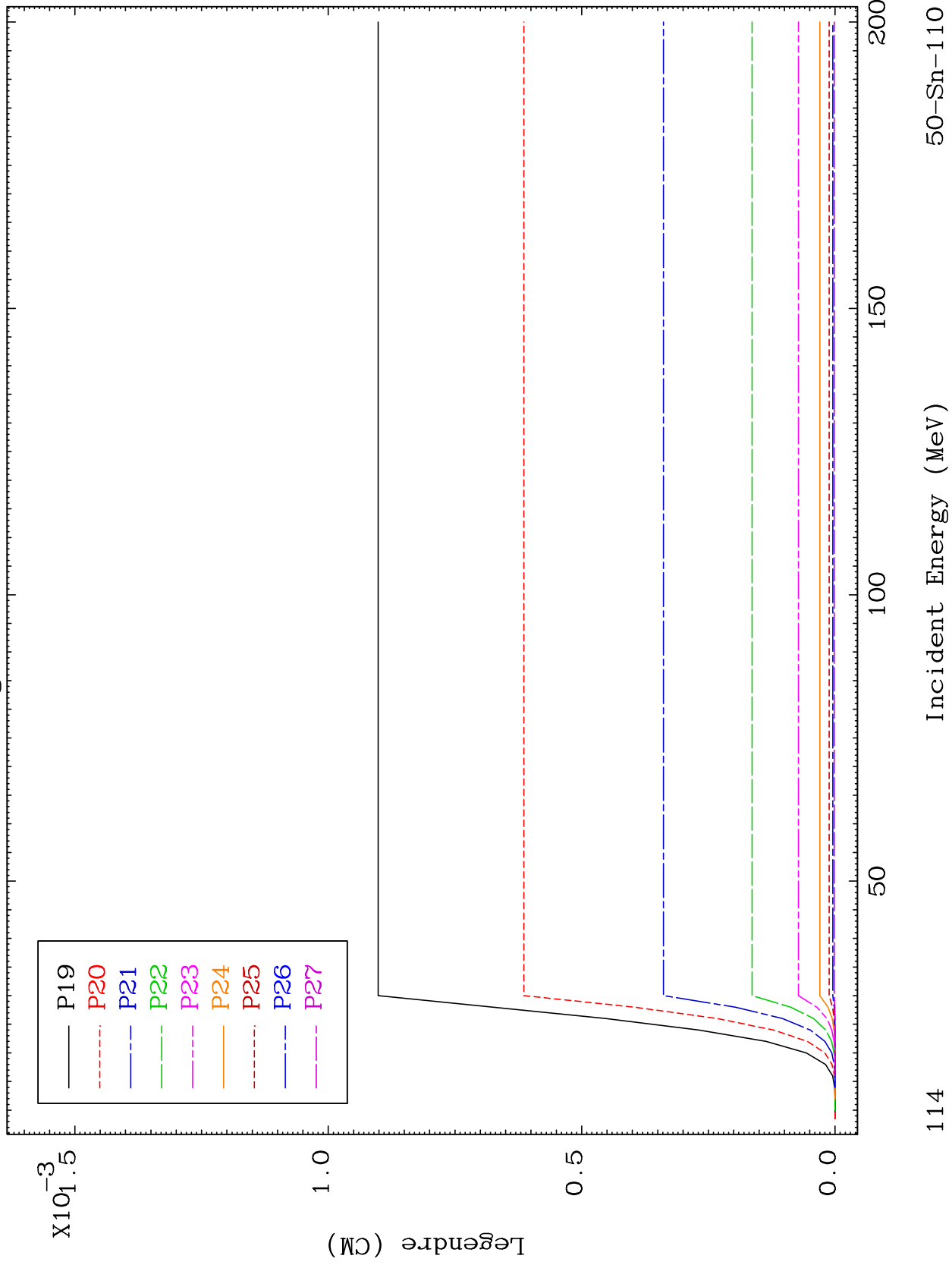




MAT 5019

MT= 75 (n,n') Level  
Legendre Coefficients

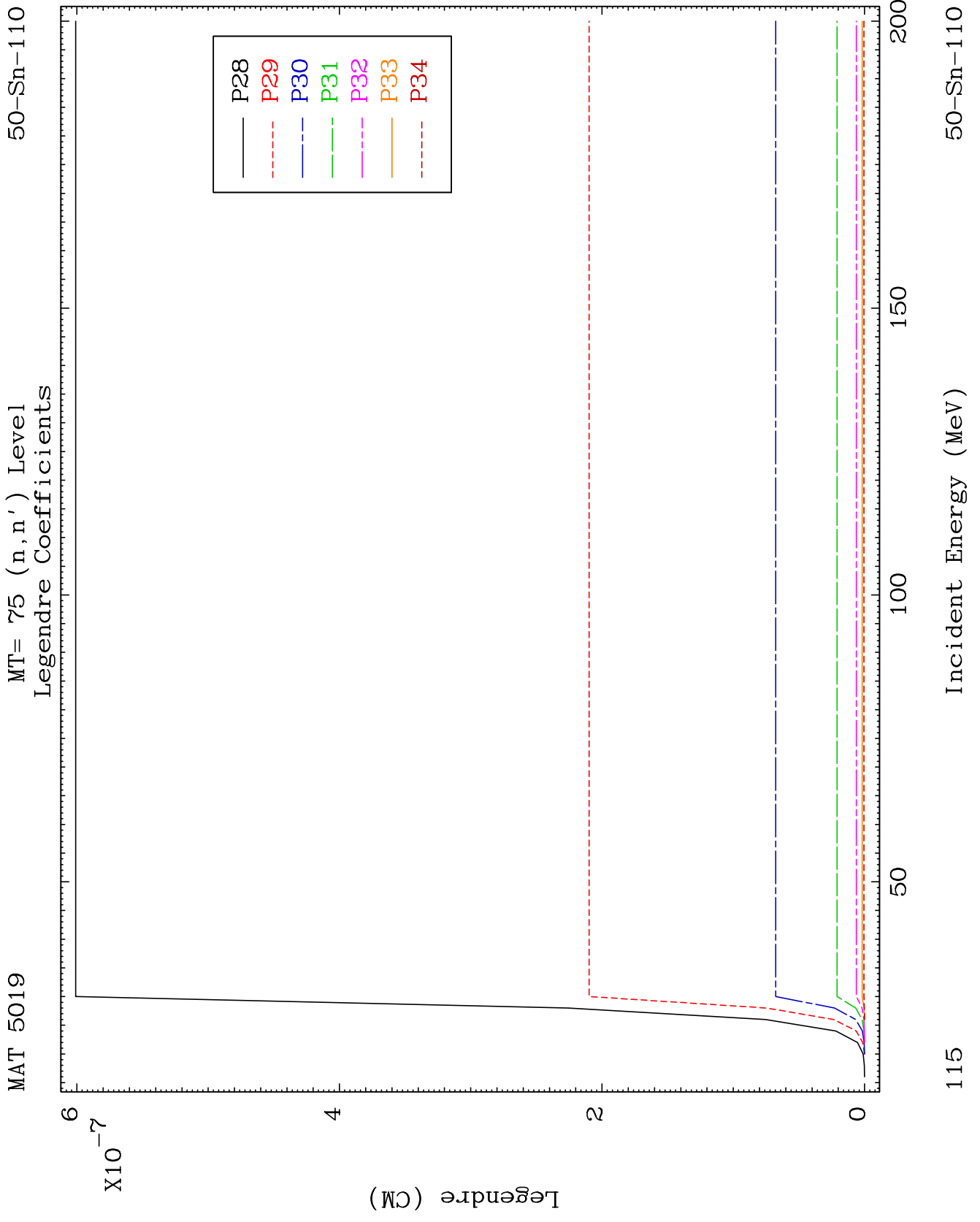
50-Sn-110

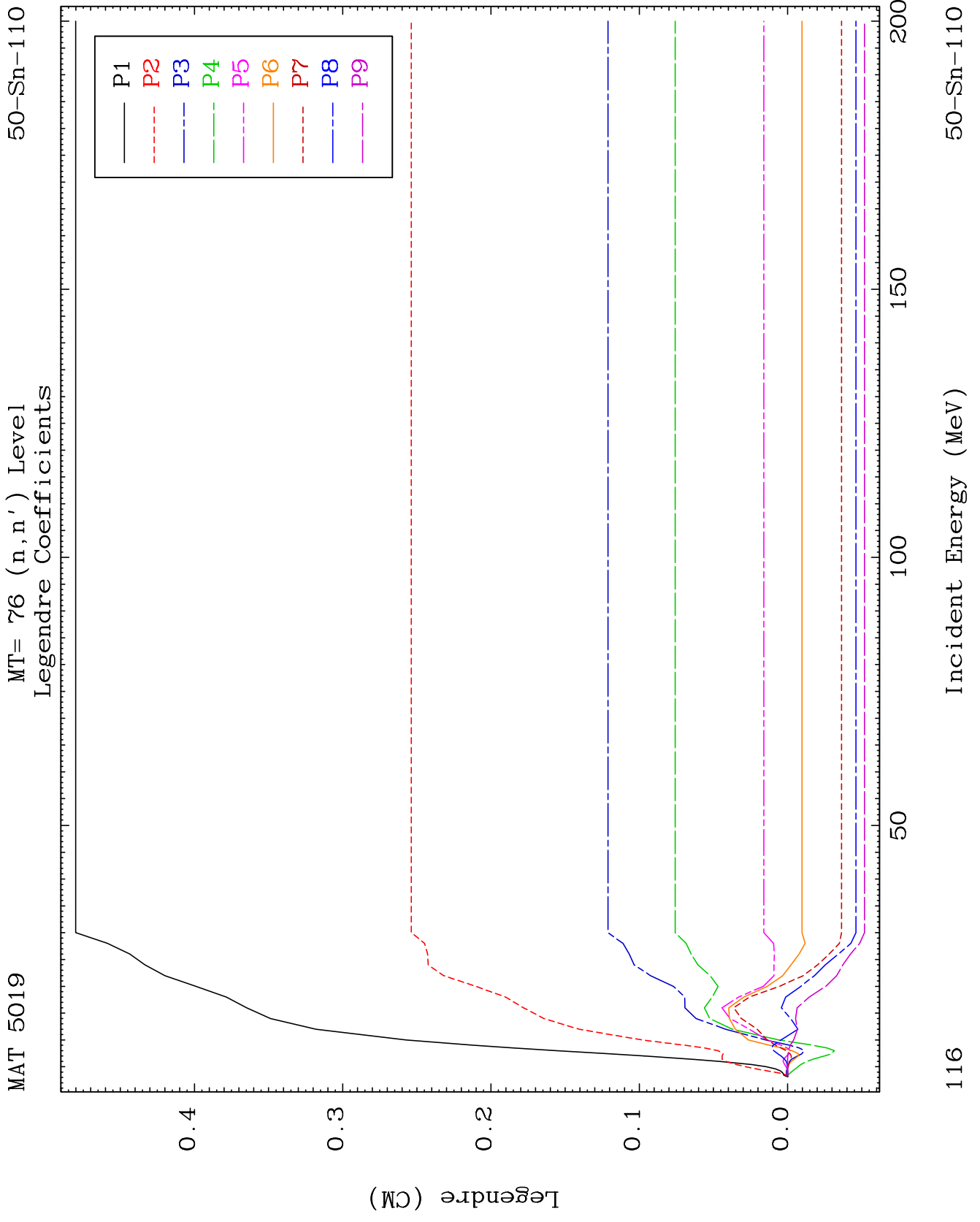


114

Incident Energy (MeV)

50-Sn-110

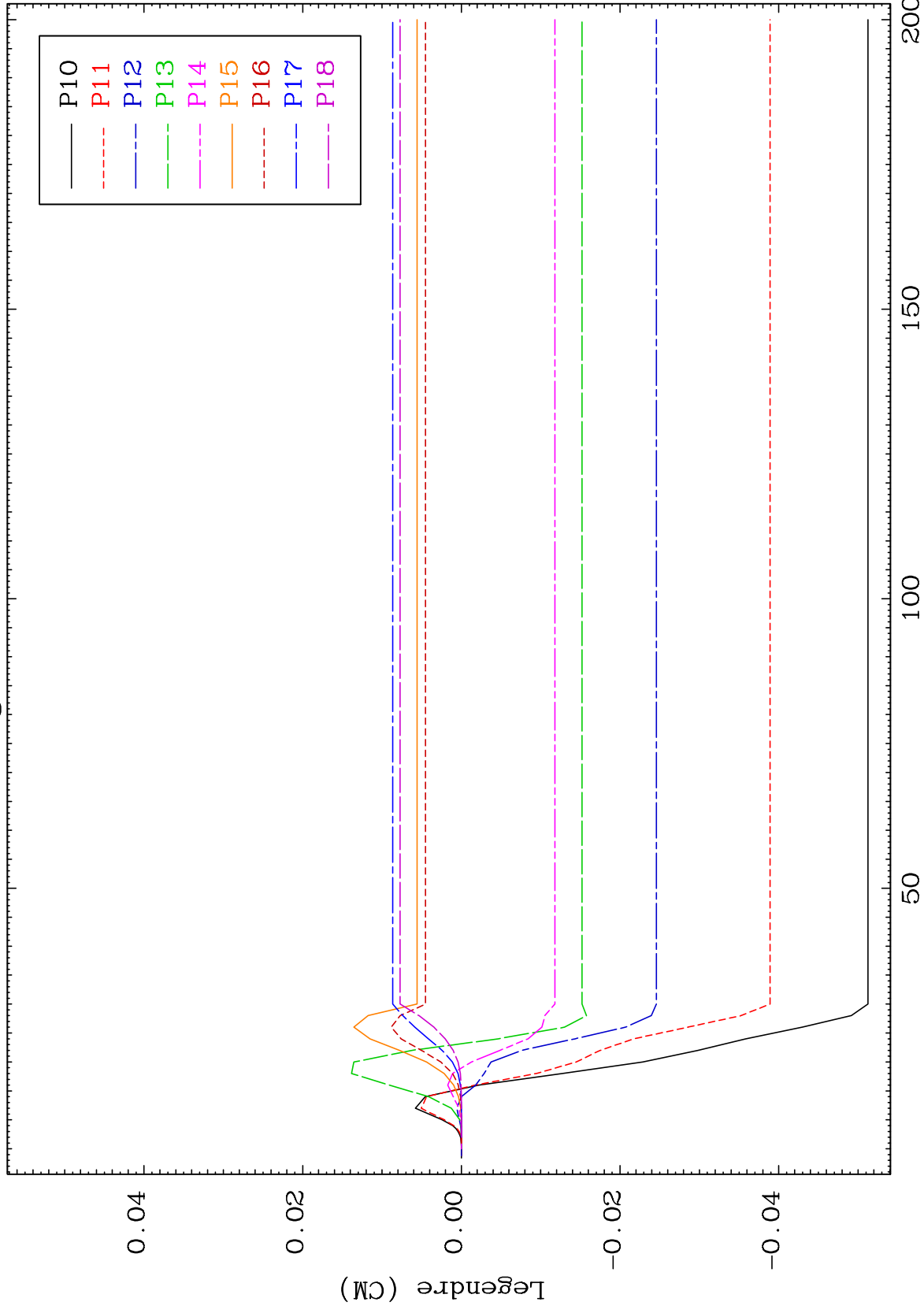




MAT 5019

MT= 76 (n,n') Level  
Legendre Coefficients

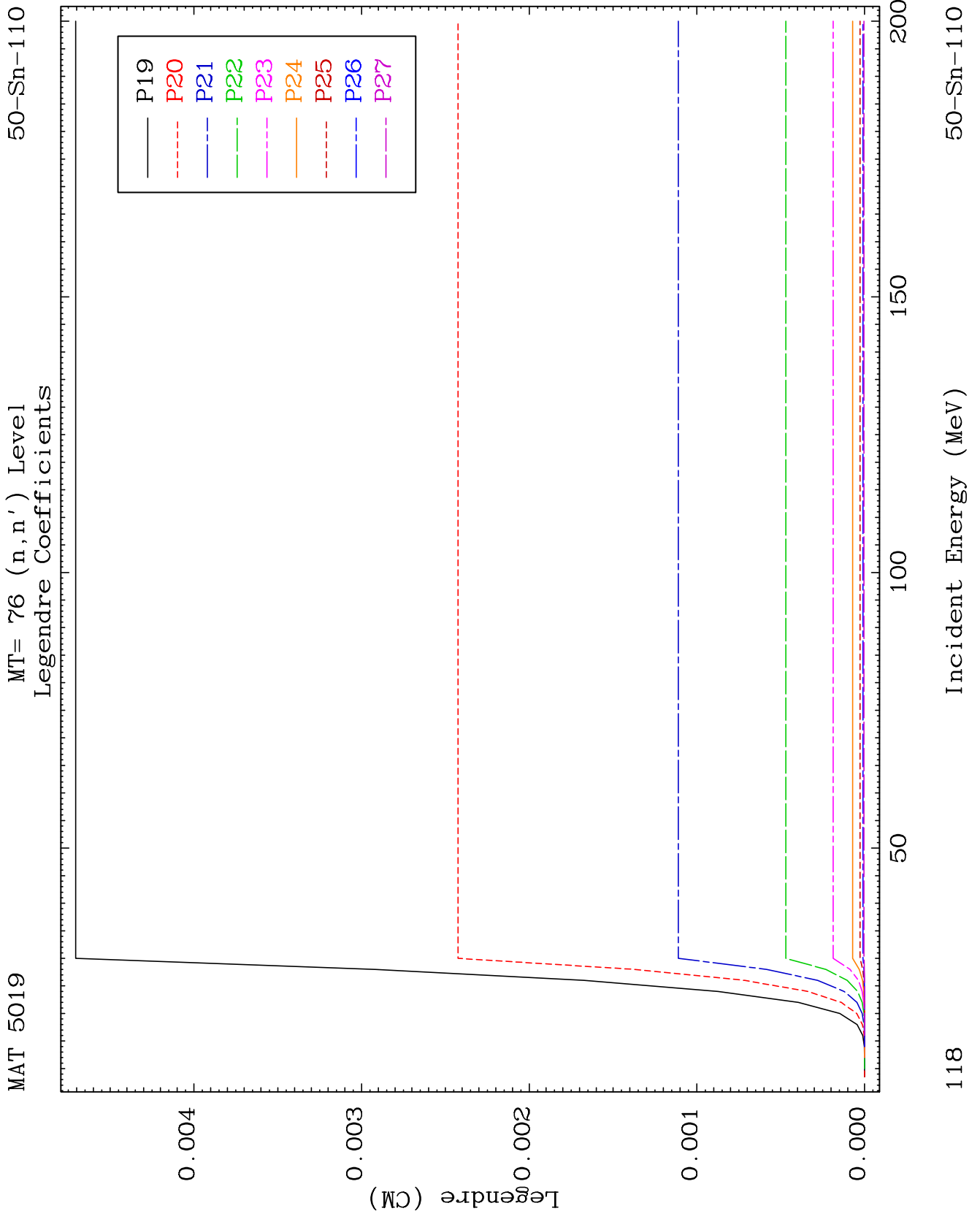
50-Sn-110

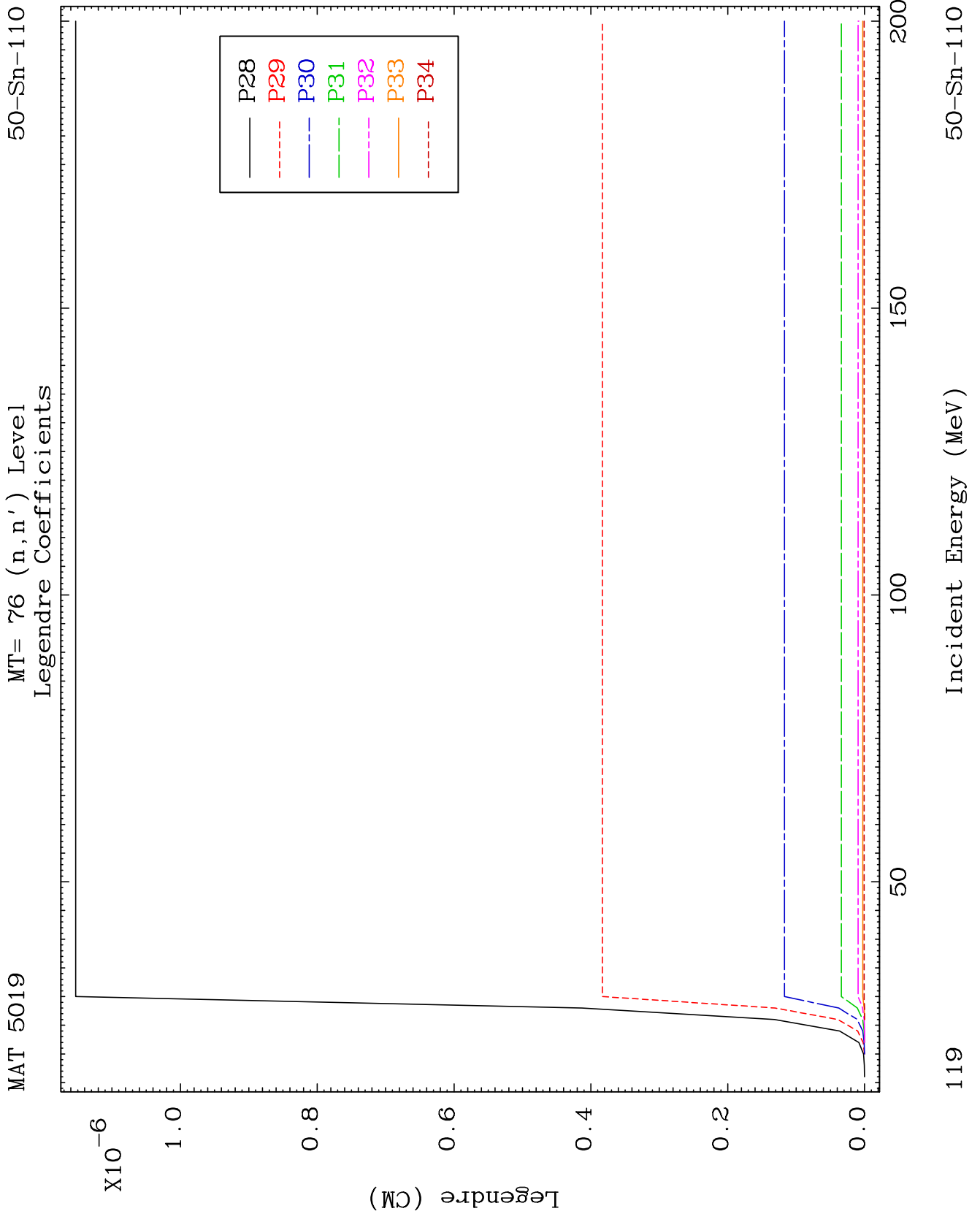


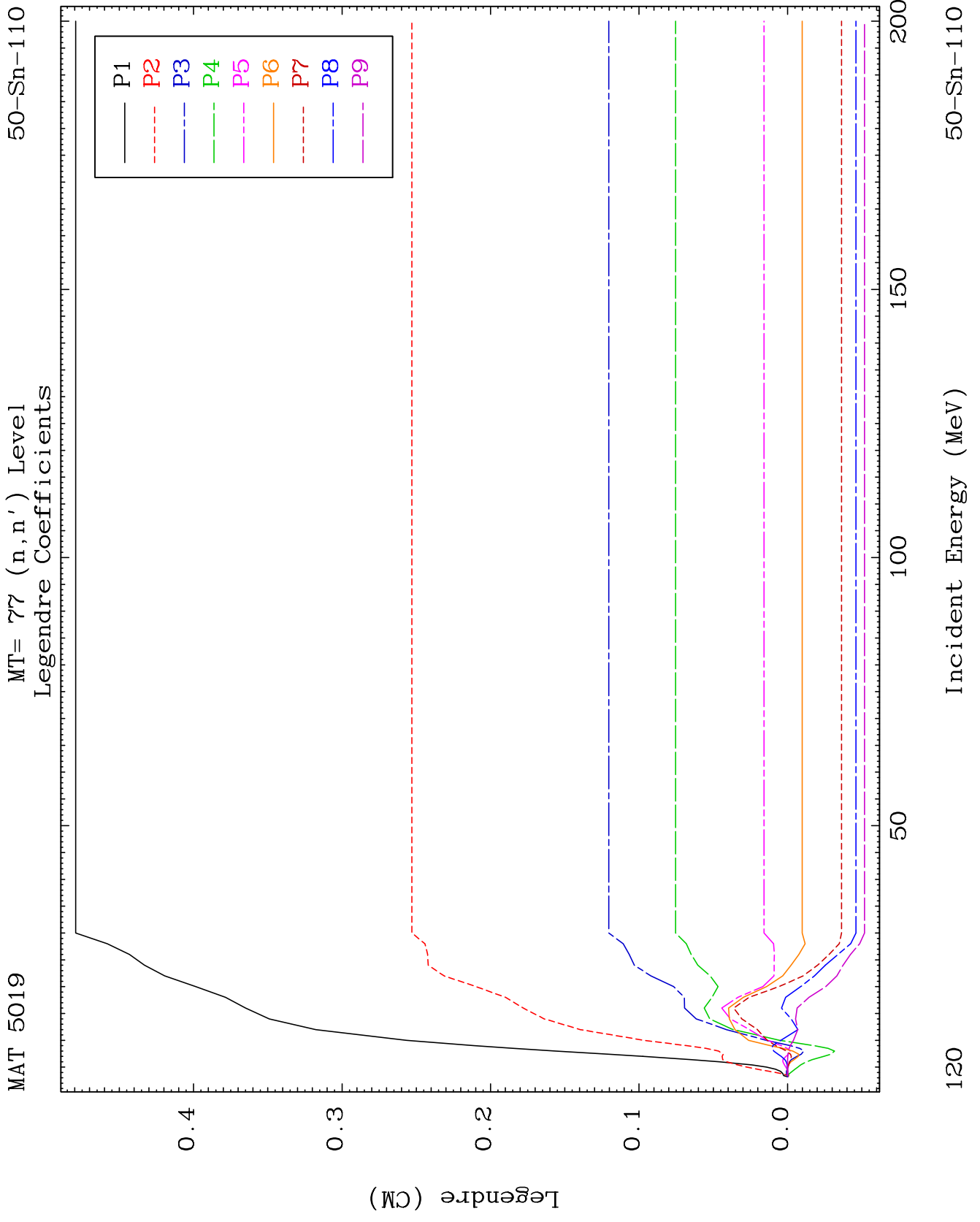
117

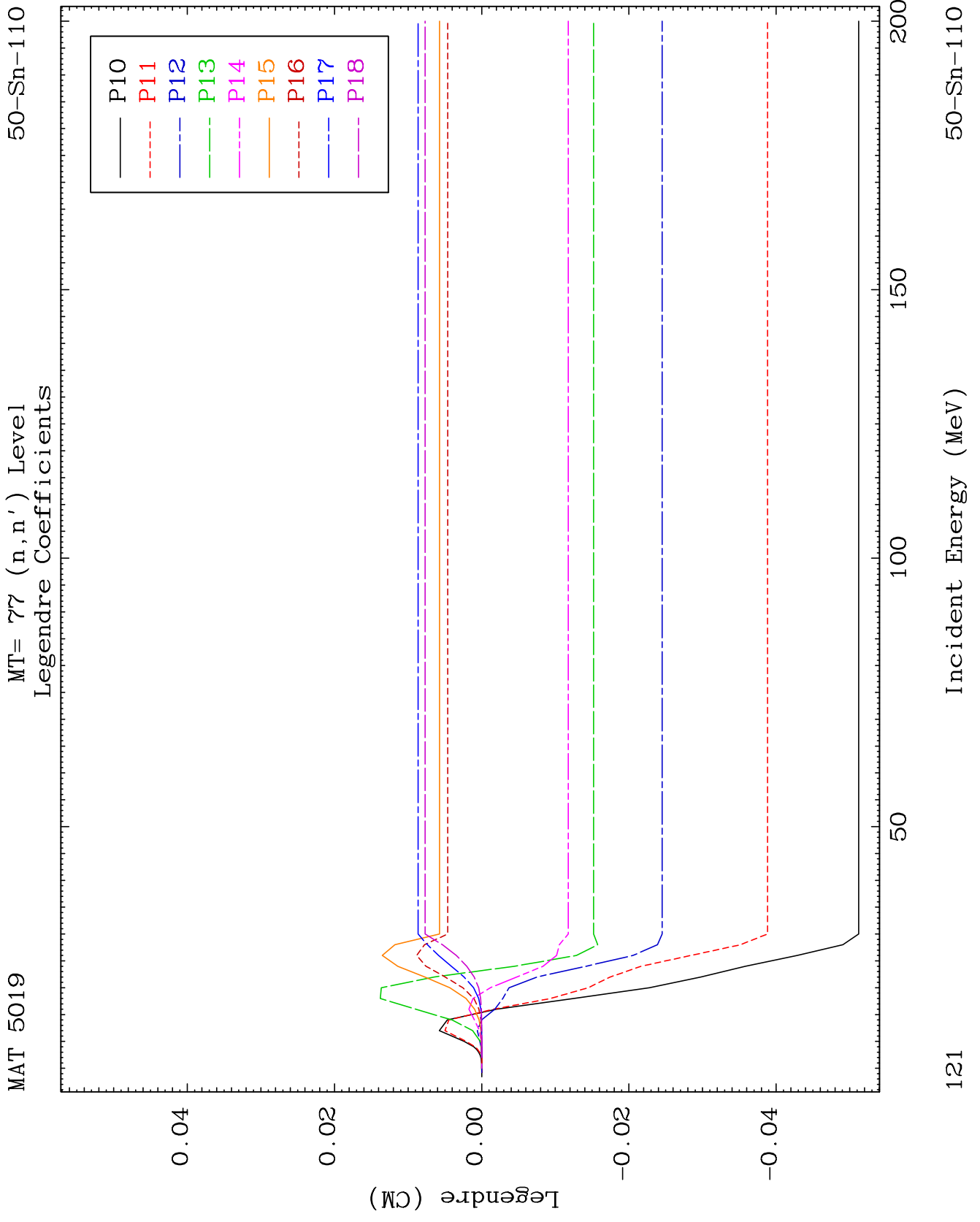
Incident Energy (MeV)

50-Sn-110

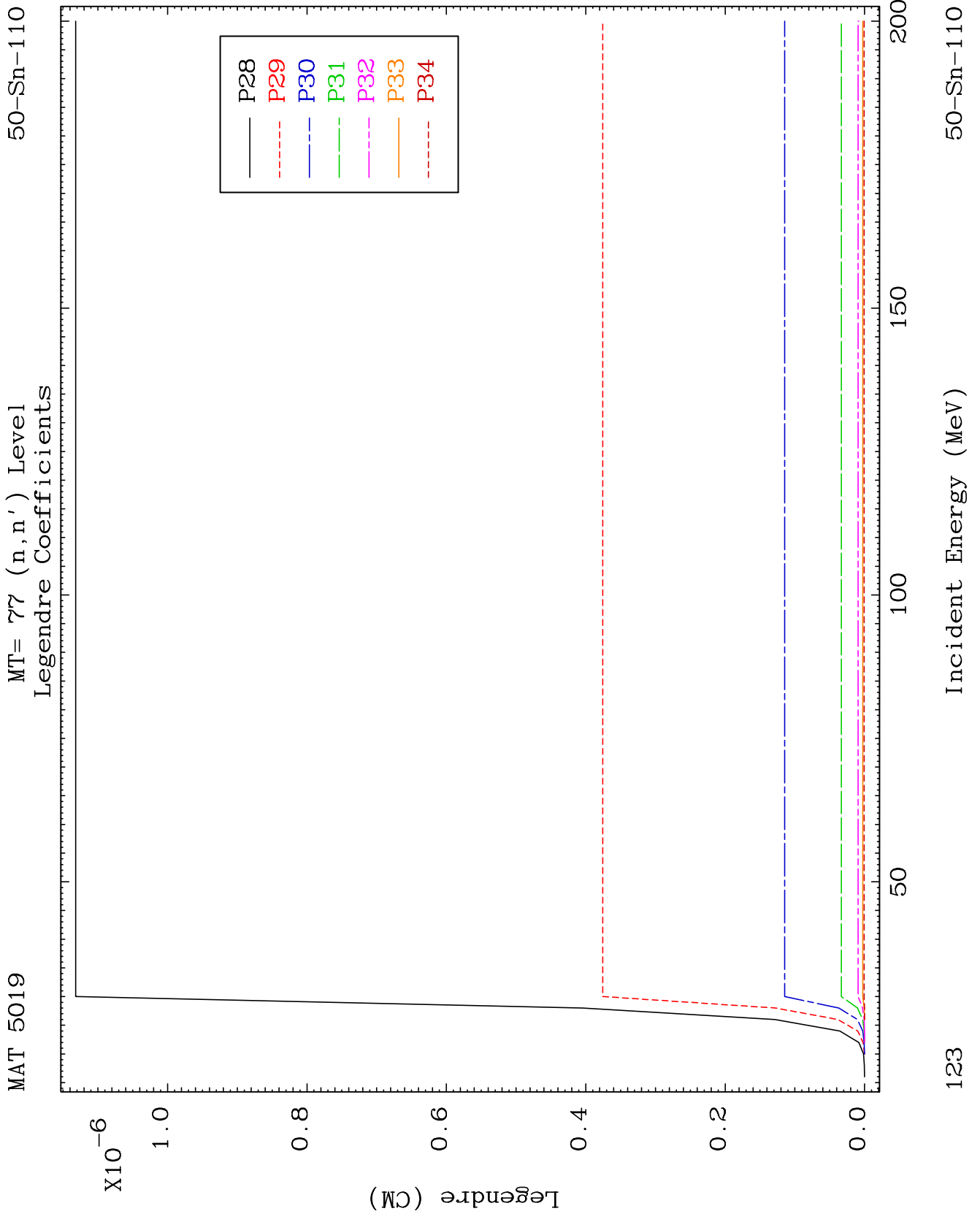


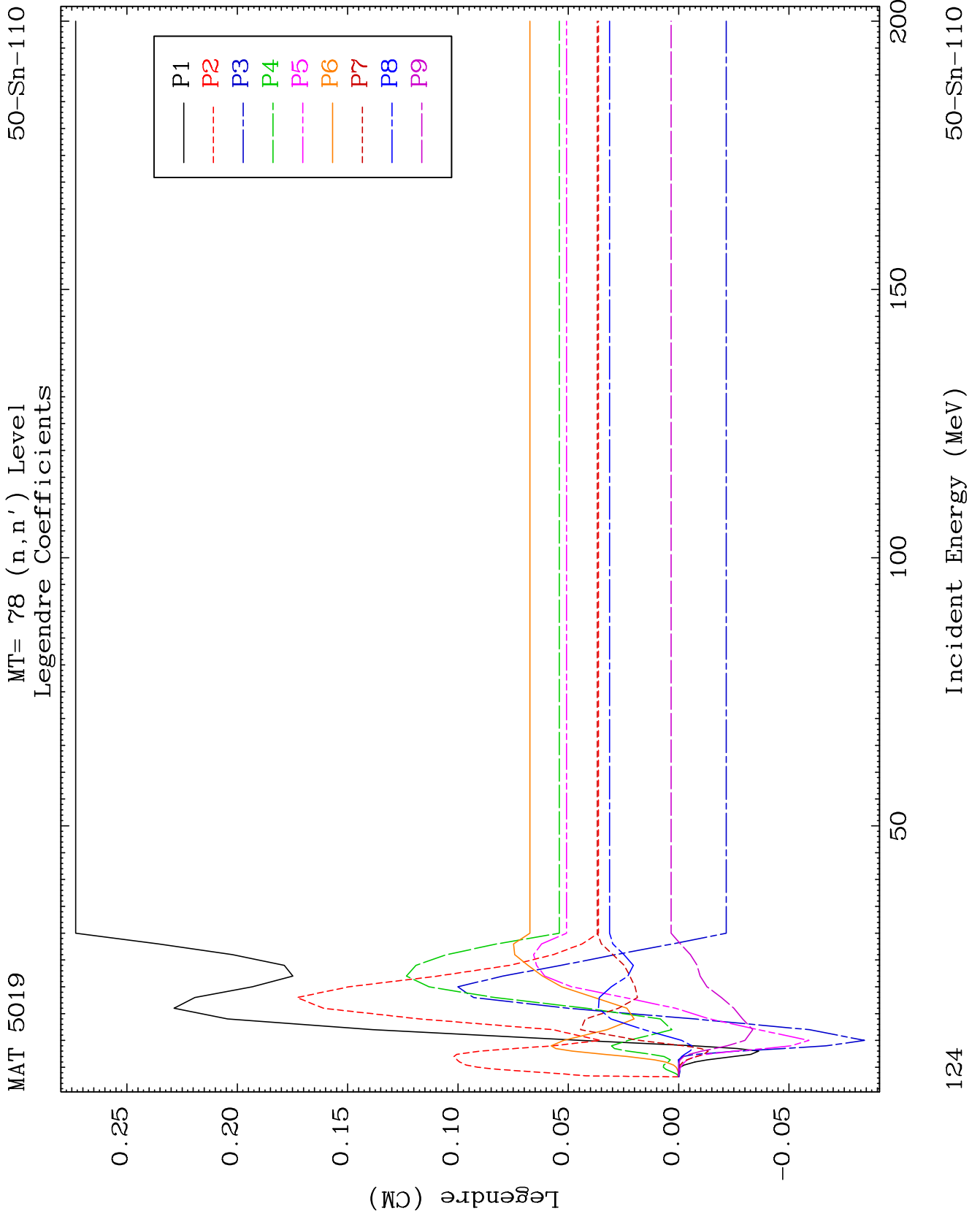




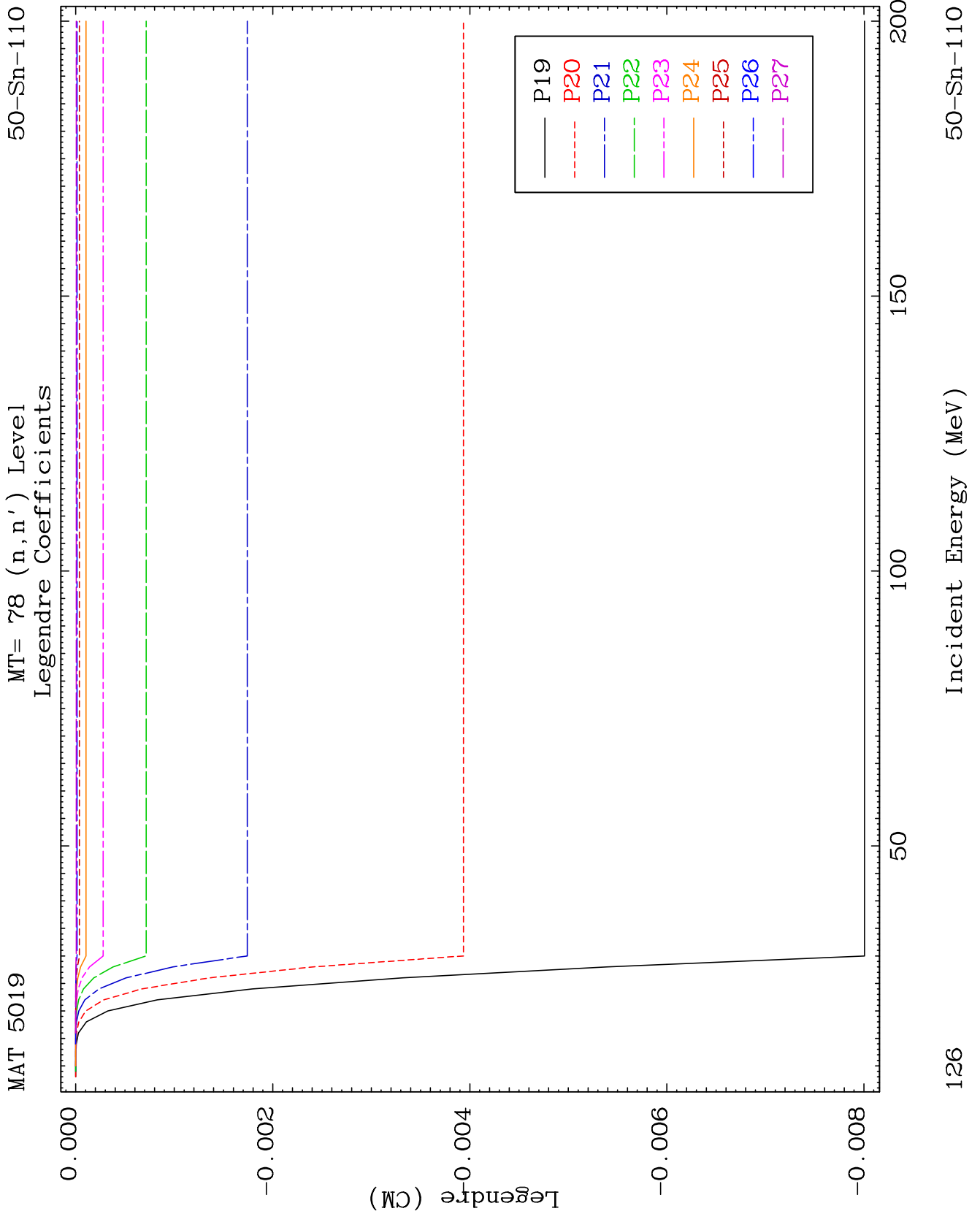


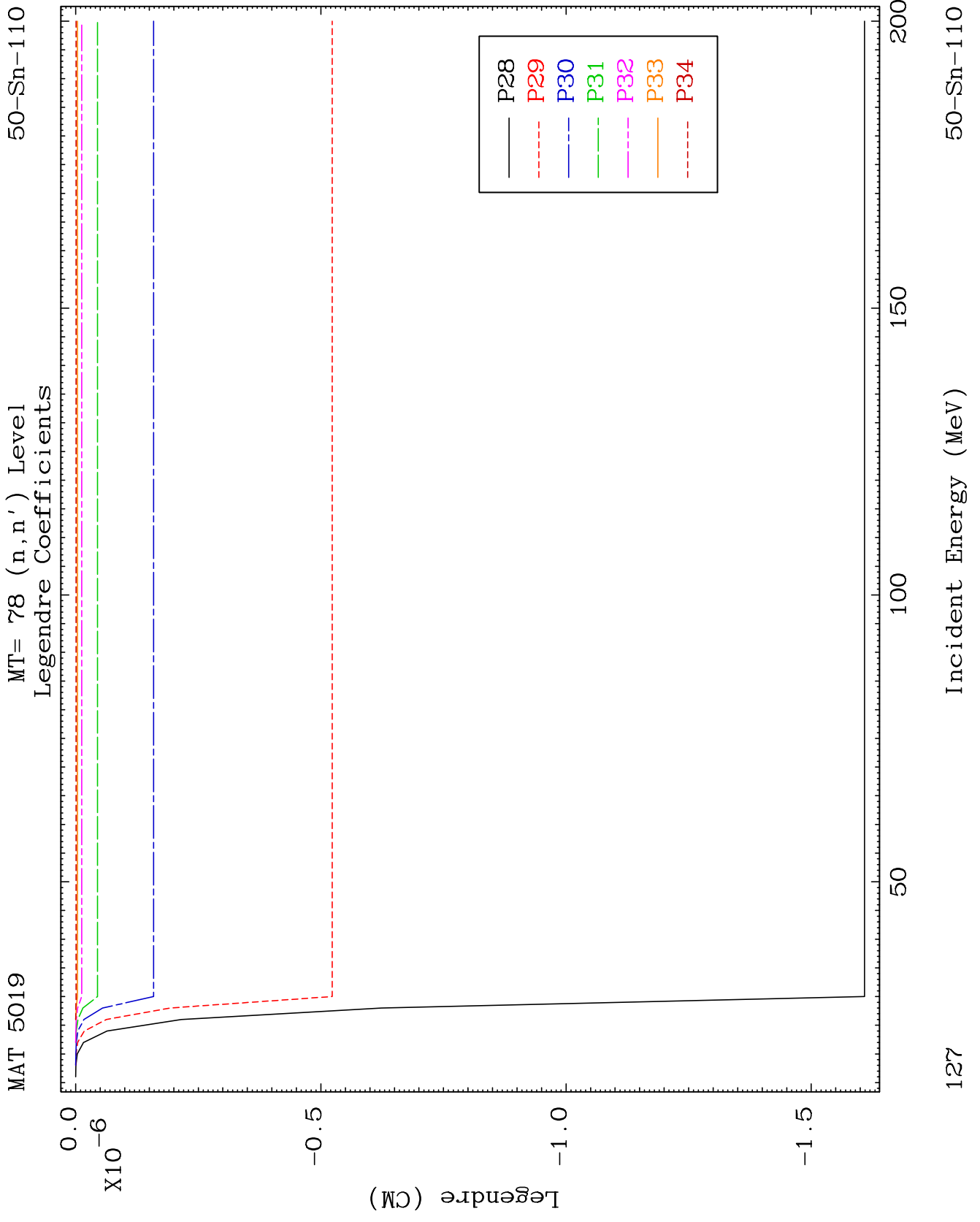


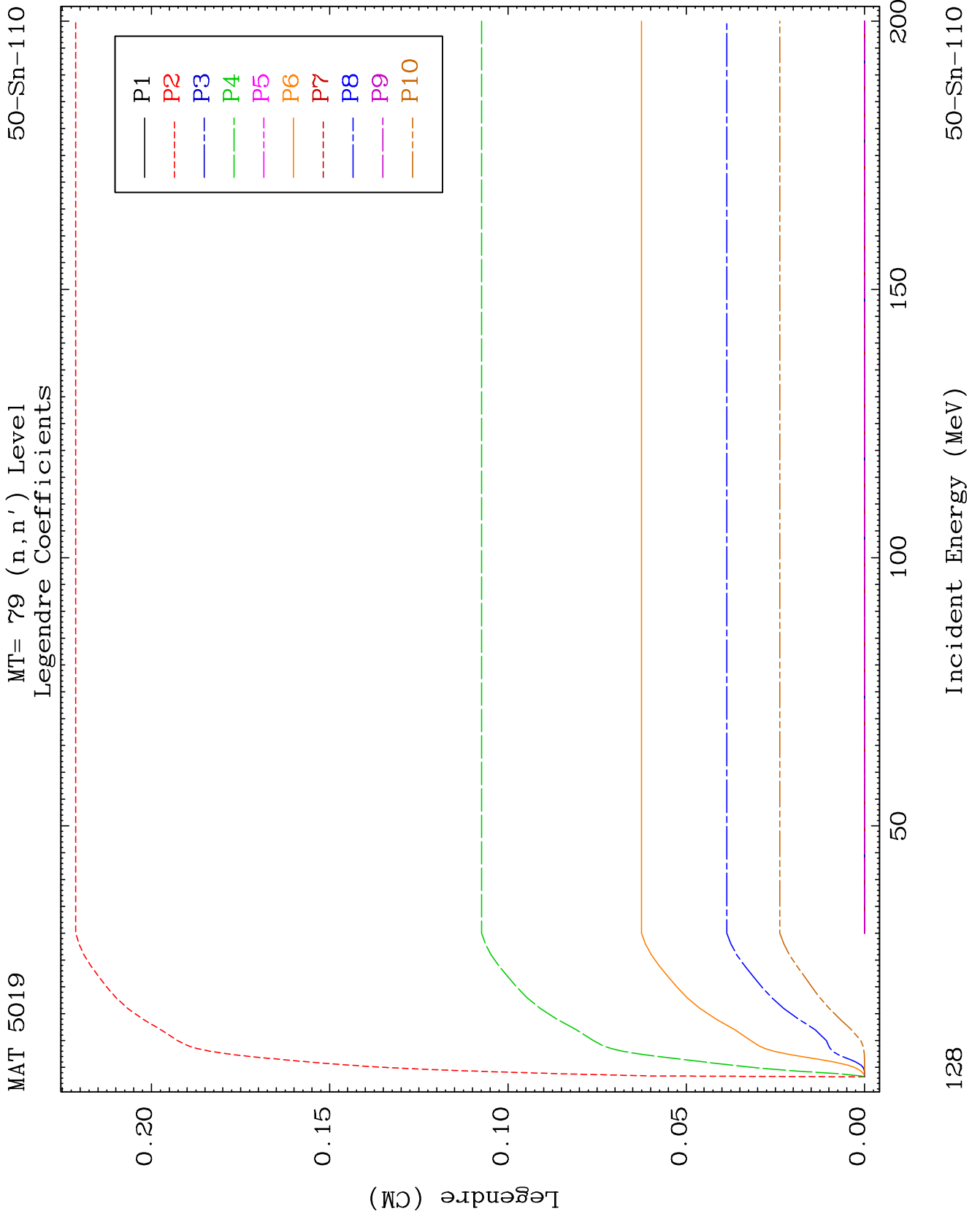






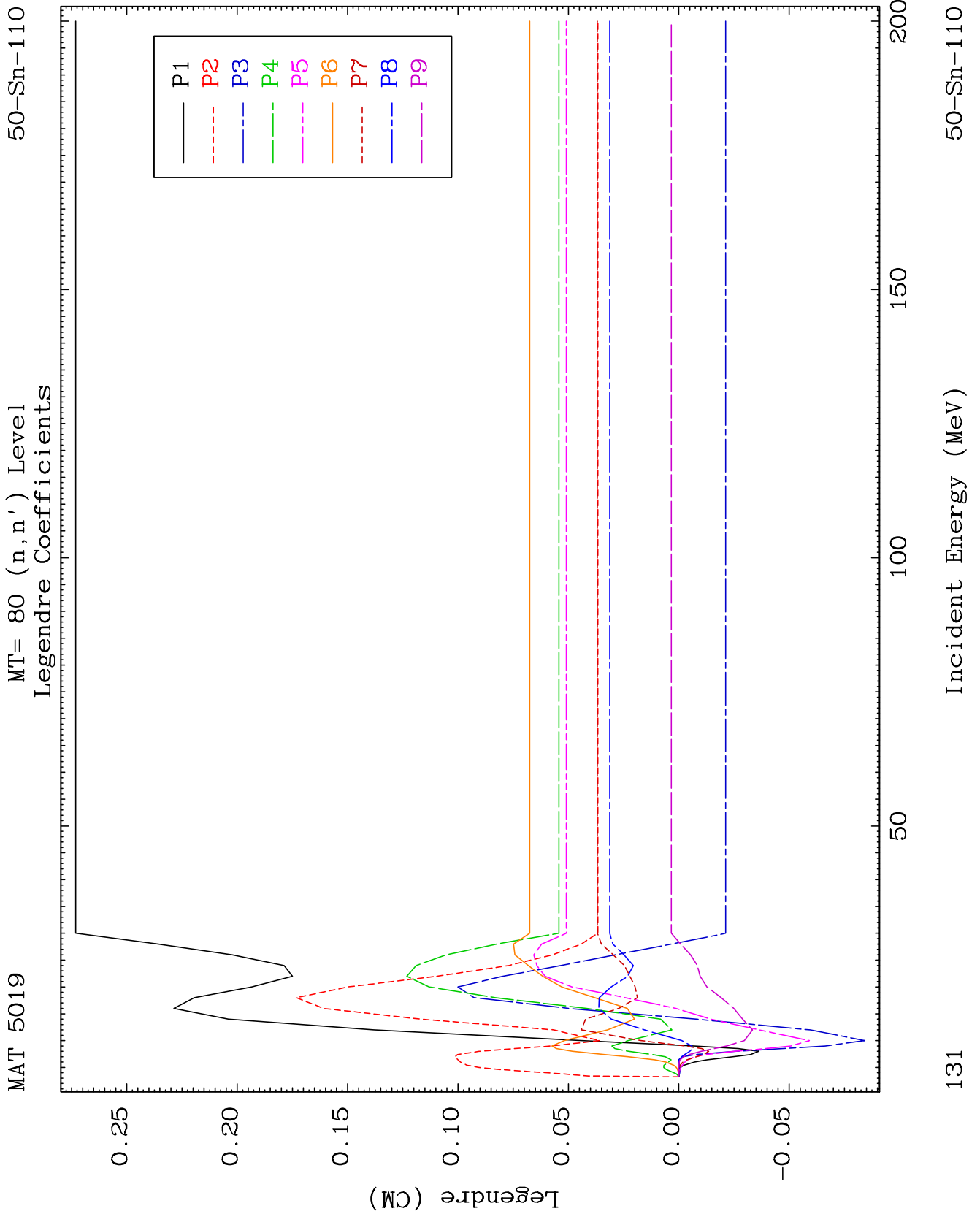


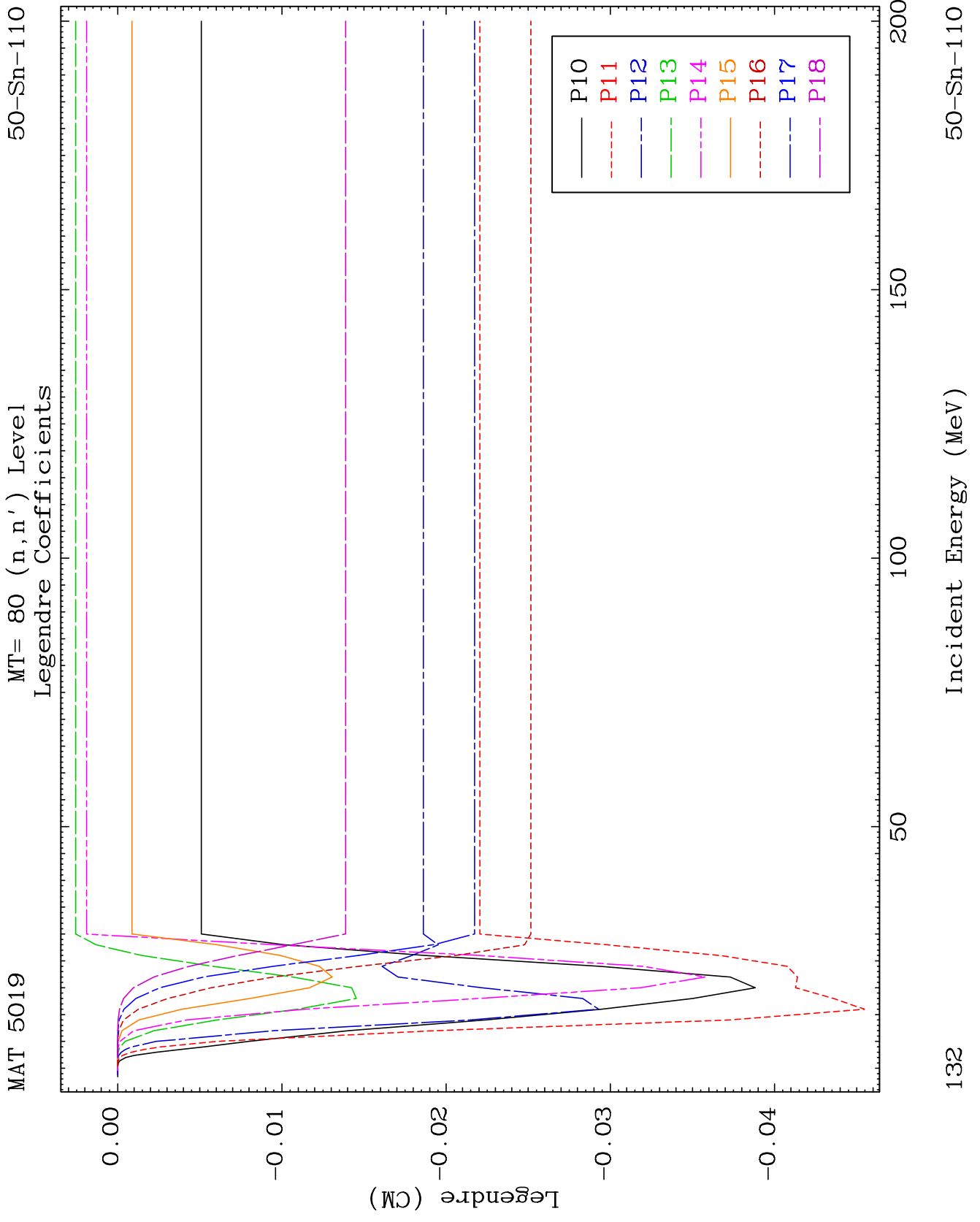


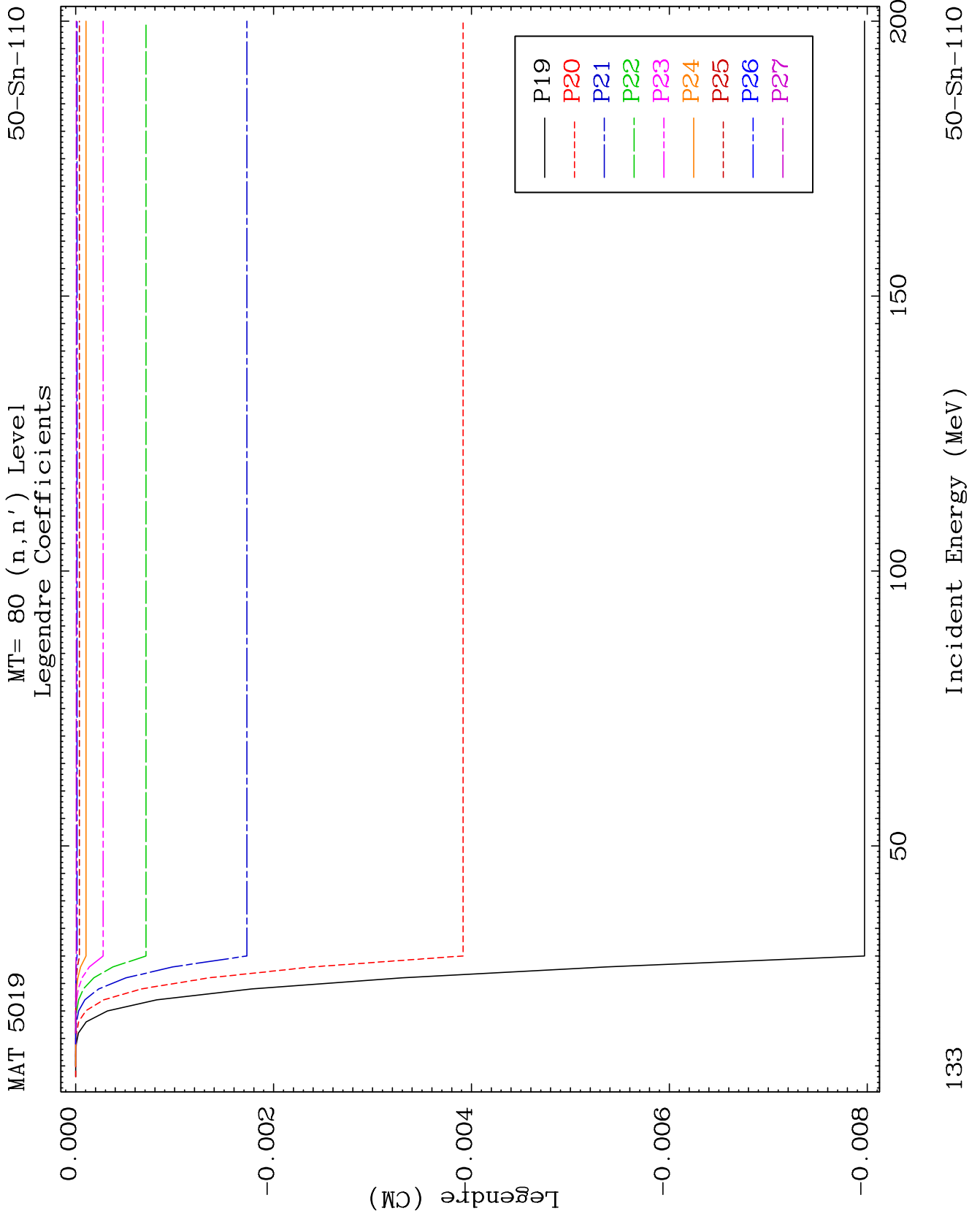


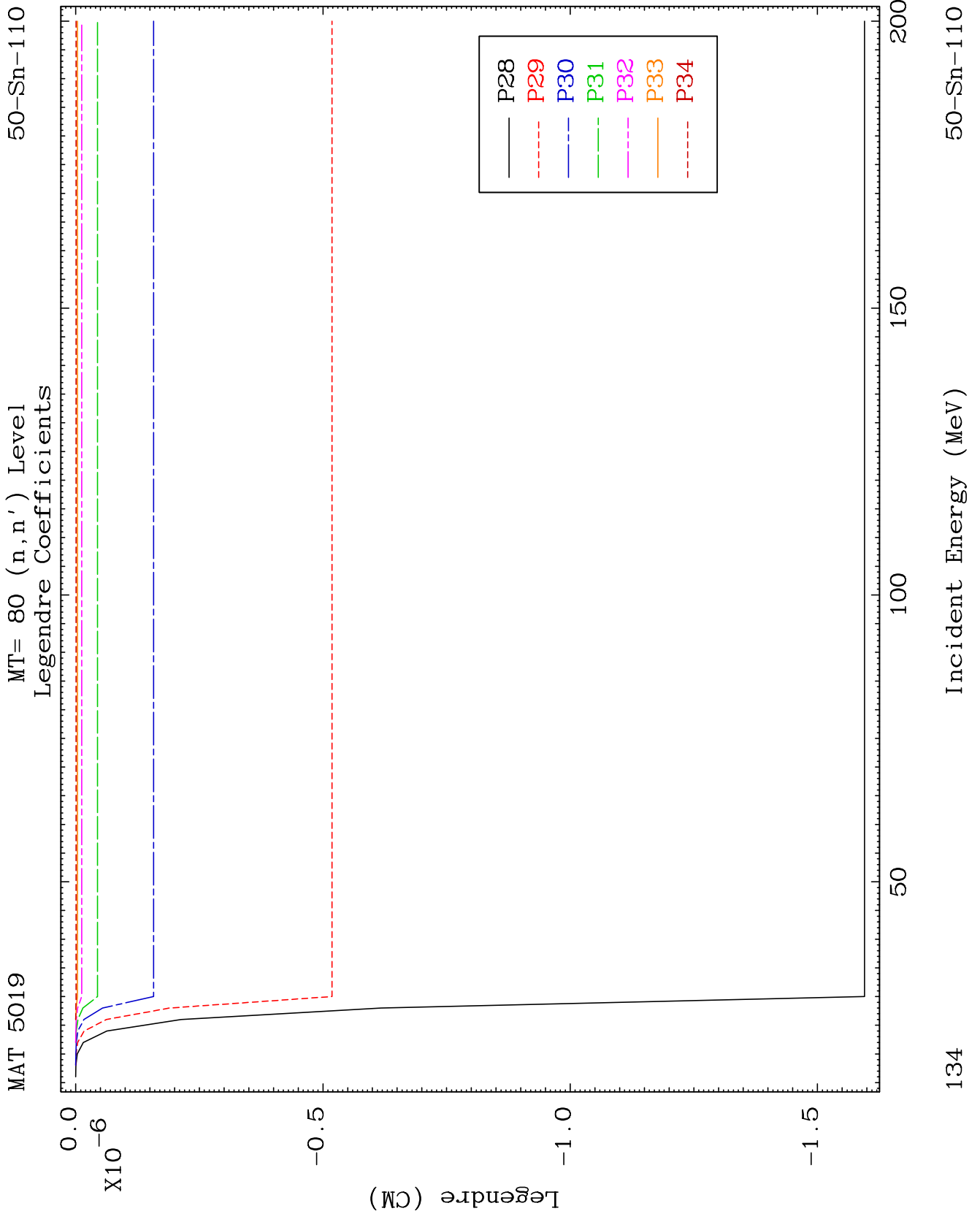










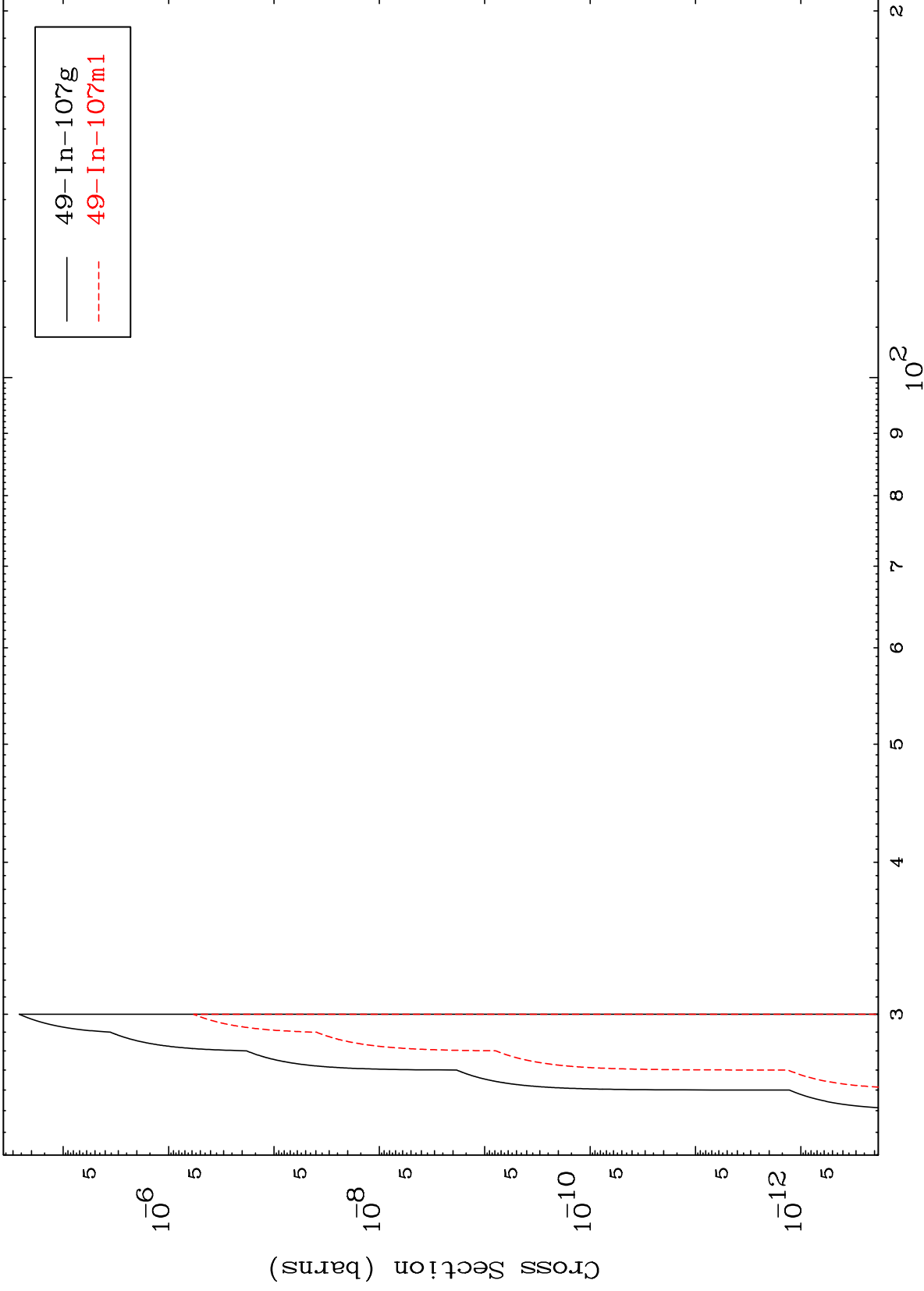


MAT 5019

(n,2n) d

50-Sn-110

Radionuclide Production Cross Section



135

Incident Energy (MeV)

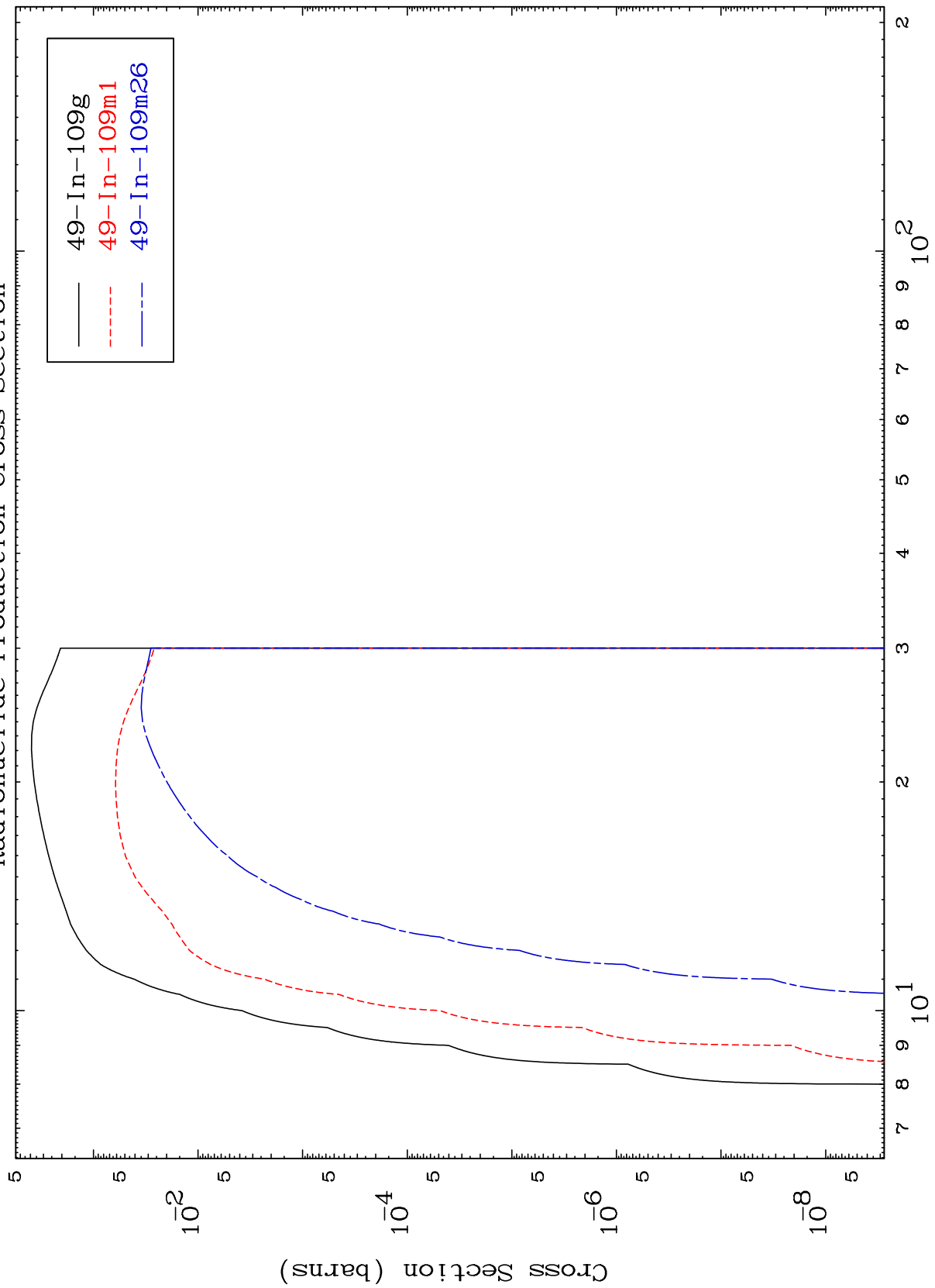
50-Sn-110

MAT 5019

(n,n') p

50-Sn-110

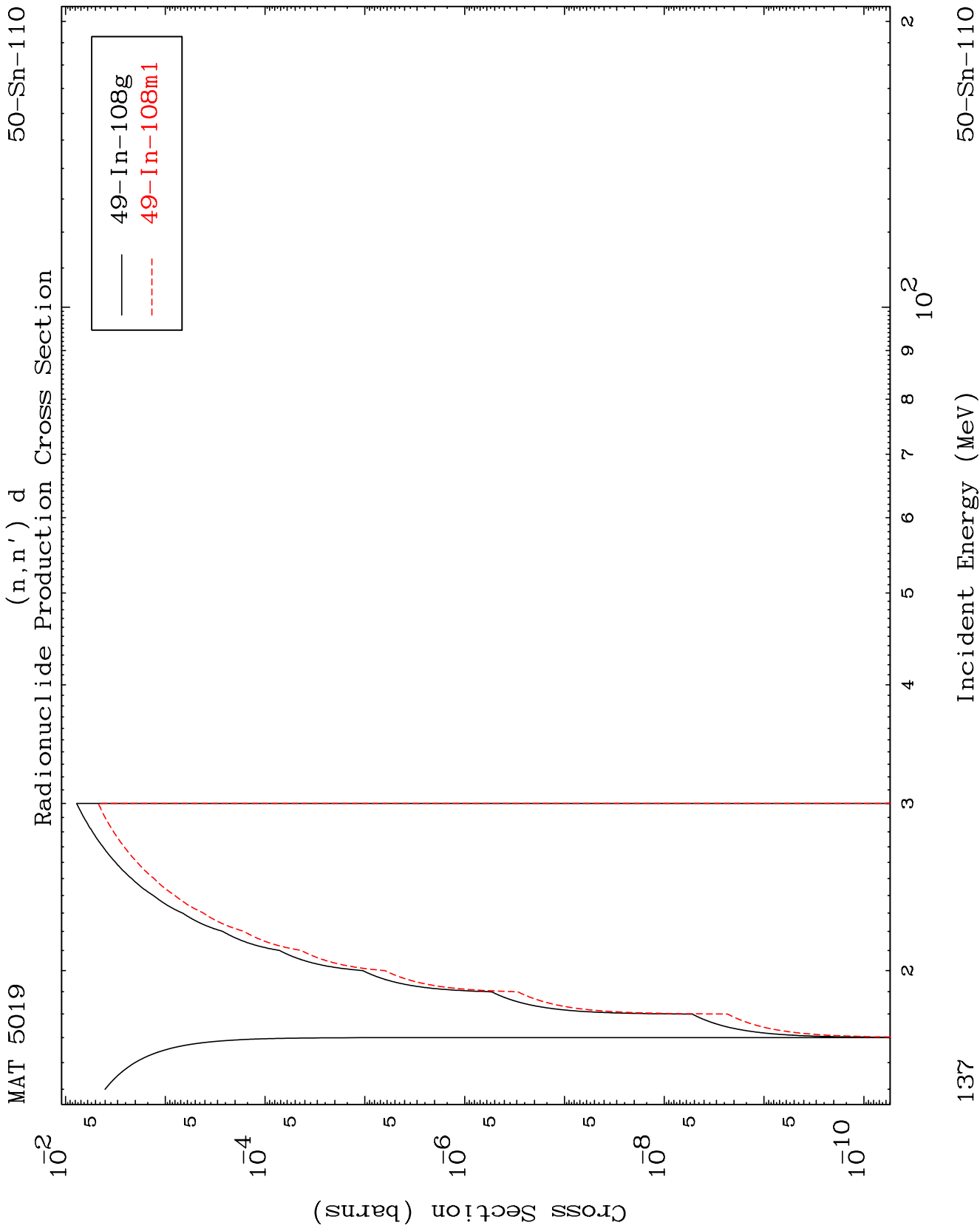
Radionuclide Production Cross Section



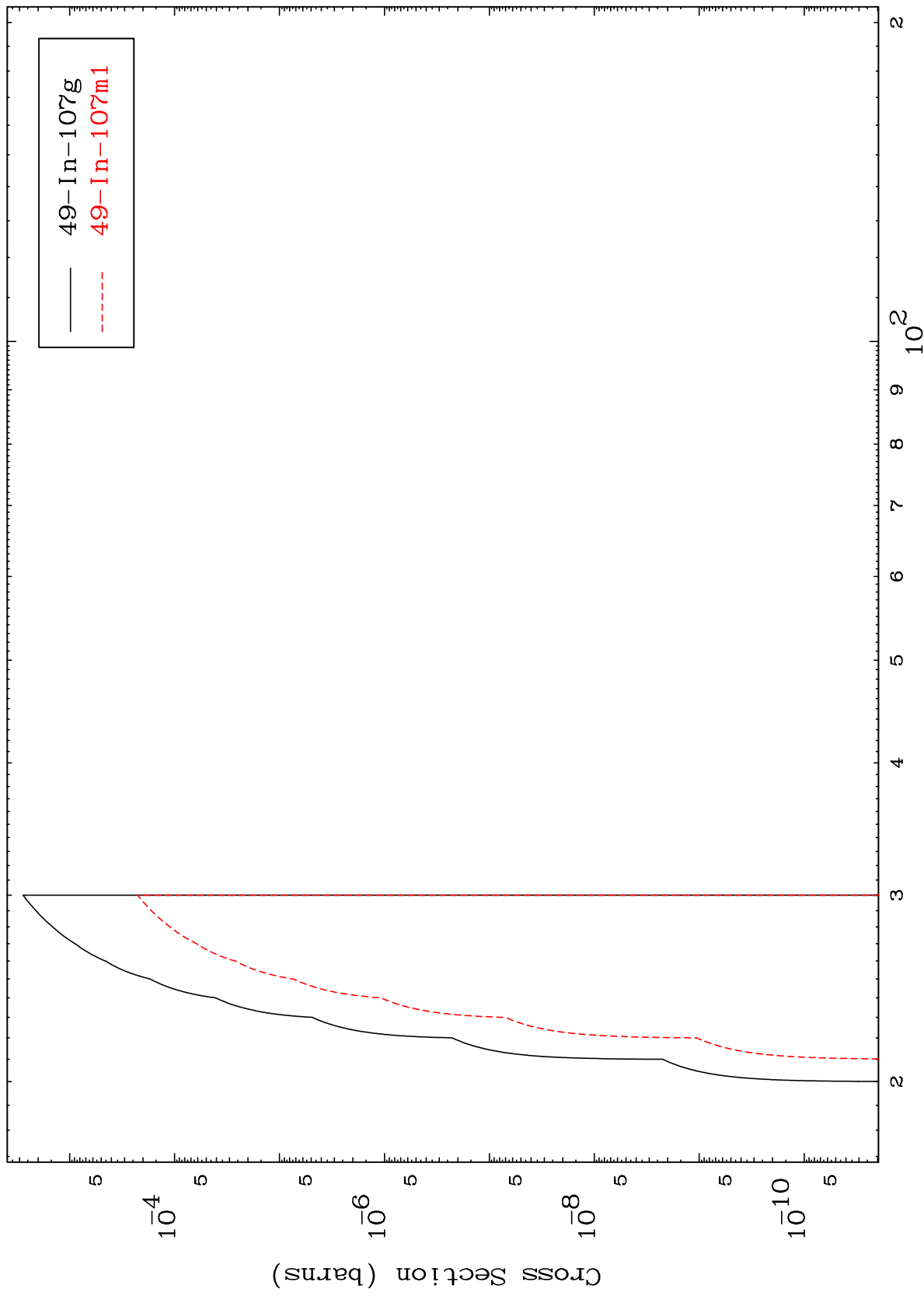
136

Incident Energy (MeV)

50-Sn-110



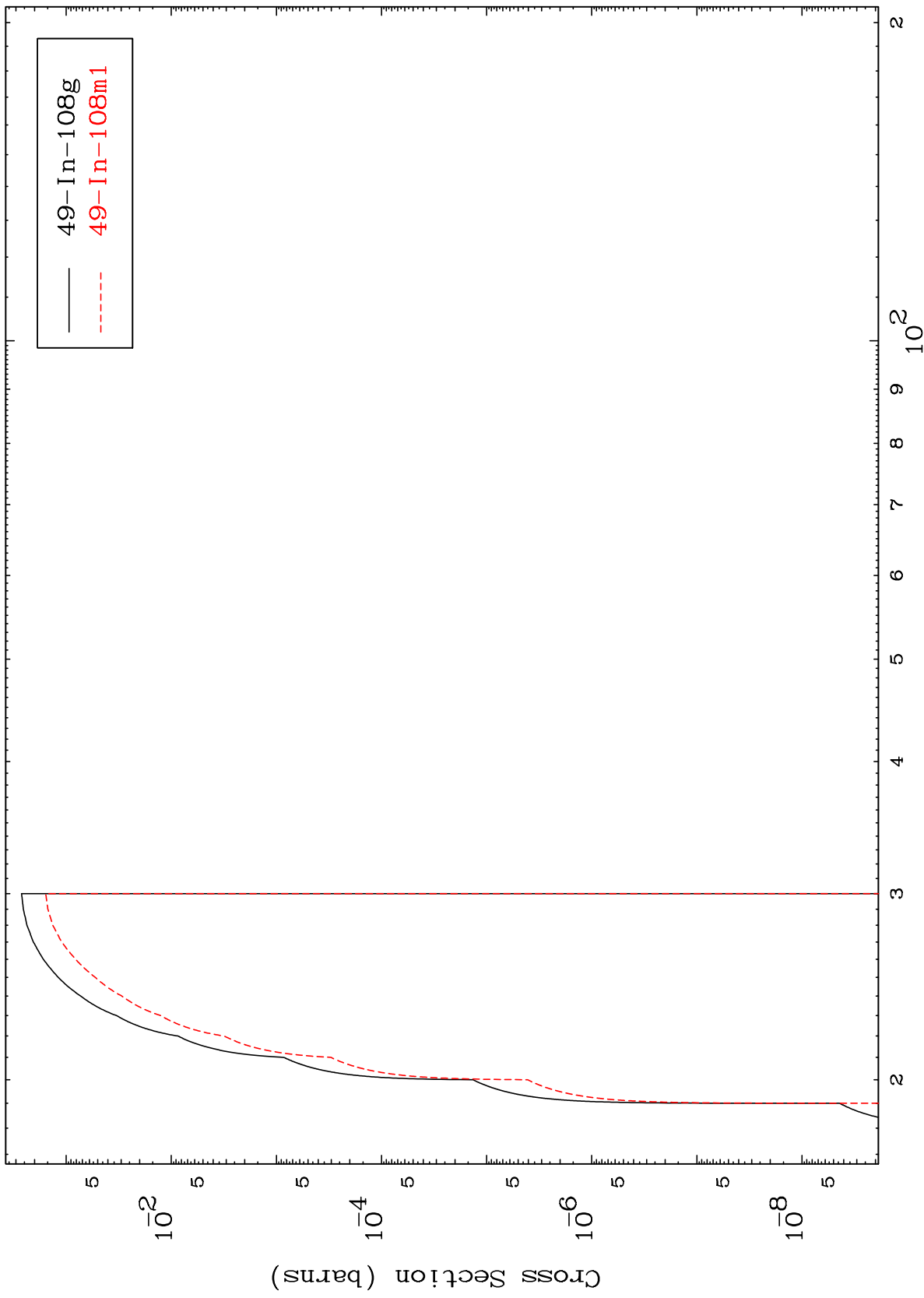
Radionuclide Production Cross Section



MAT 5019

50-Sn-110

(n,2n) p  
Radionuclide Production Cross Section



139

50-Sn-110

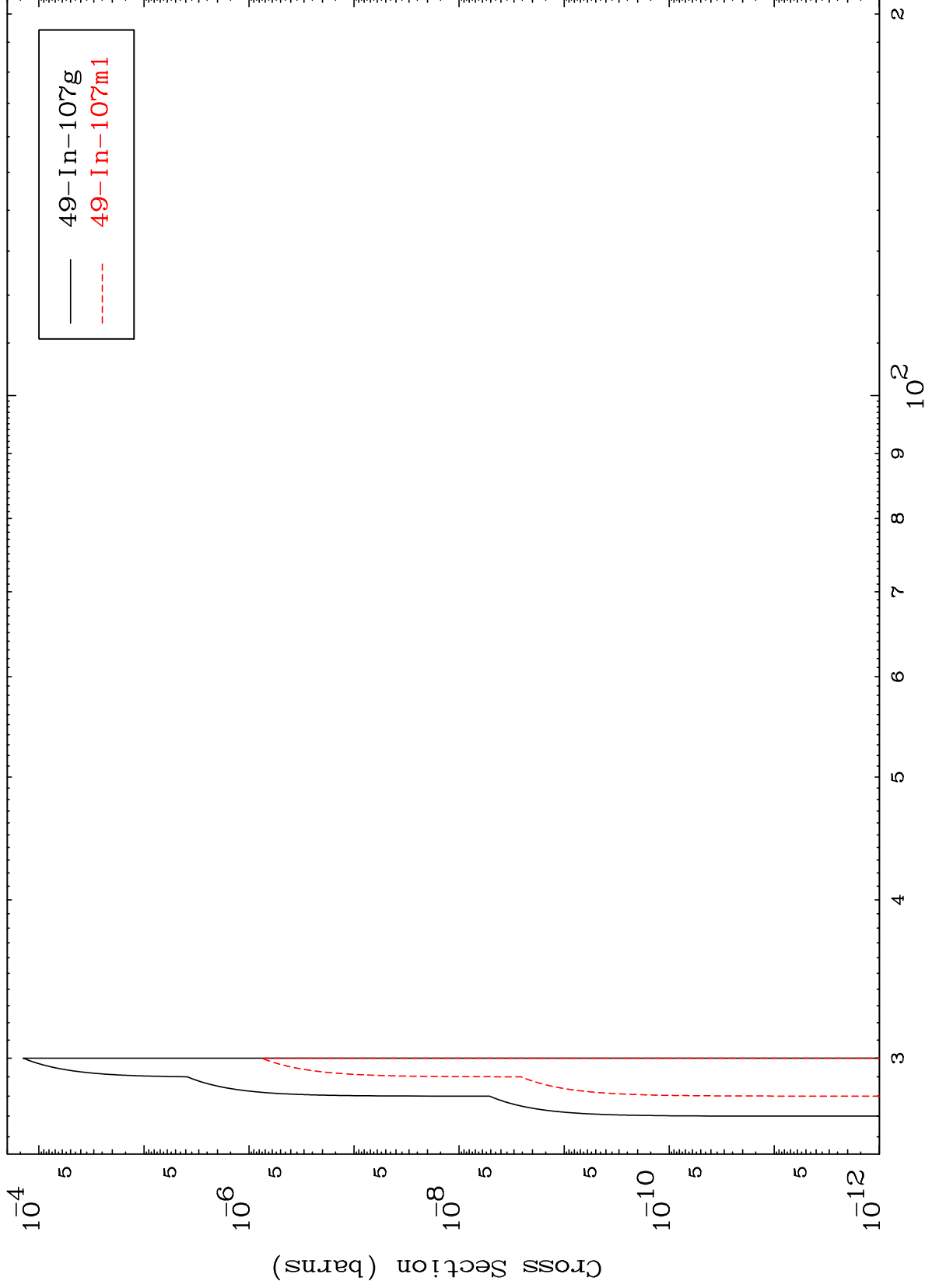
Incident Energy (MeV)

MAT 5019

(n,3n) p

50-Sn-110

Radionuclide Production Cross Section



140

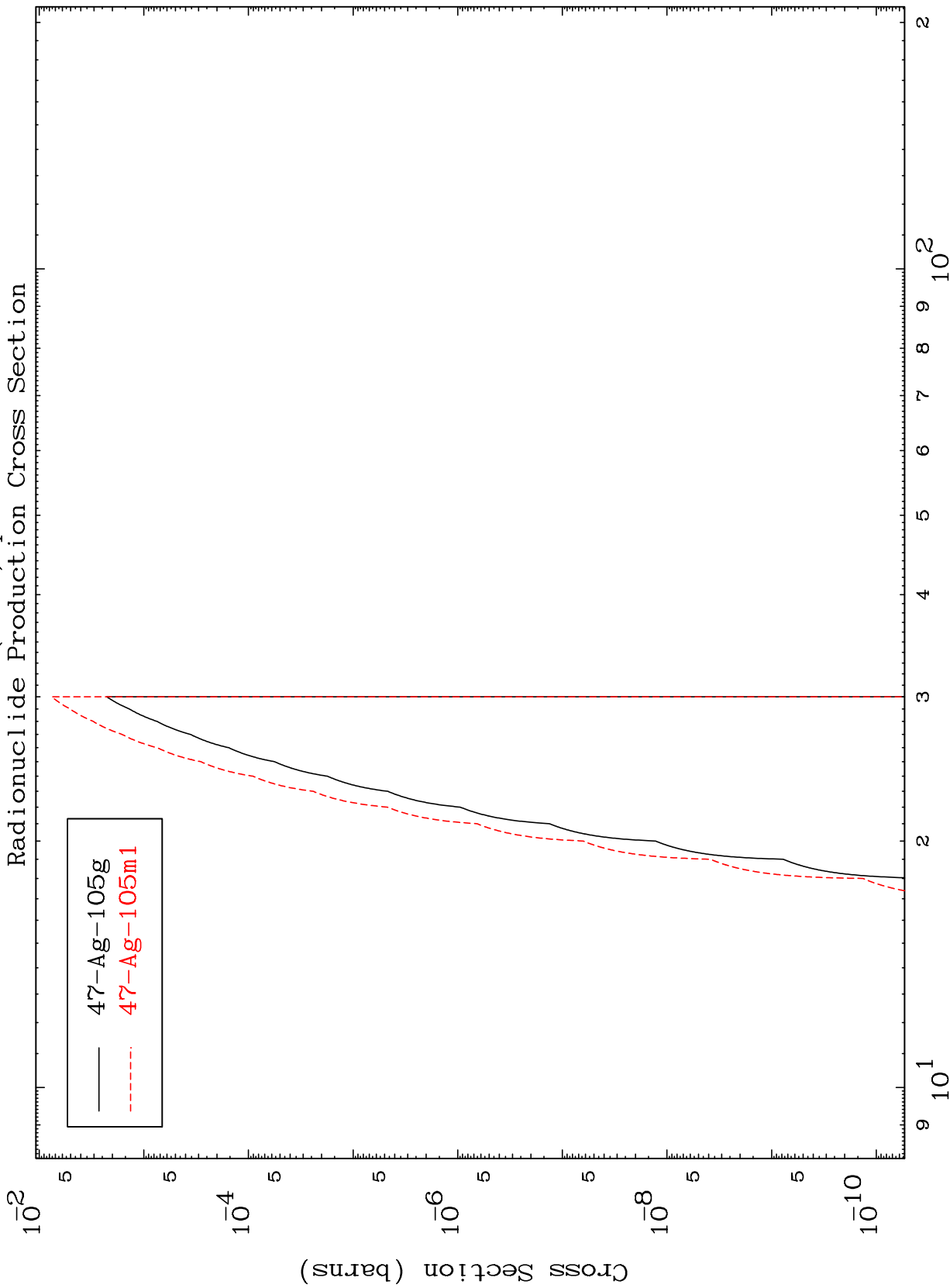
Incident Energy (MeV)

50-Sn-110

MAT 5019

50-Sn-110

(n,n') p  $\alpha$



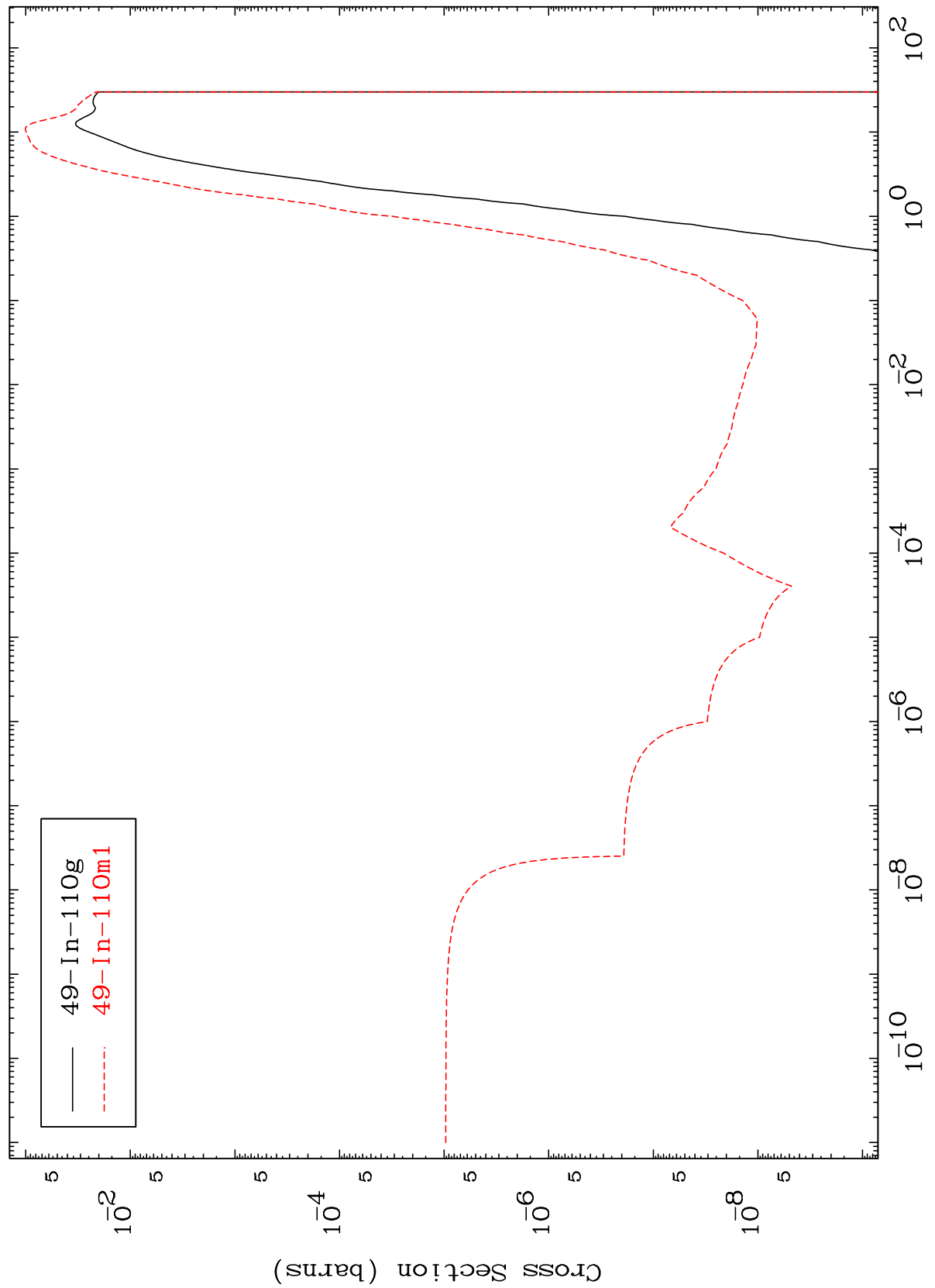
141

50-Sn-110

MAT 5019

50-Sn-110

(n,p)  
Radionuclide Production Cross Section



50-Sn-110

Incident Energy (MeV)

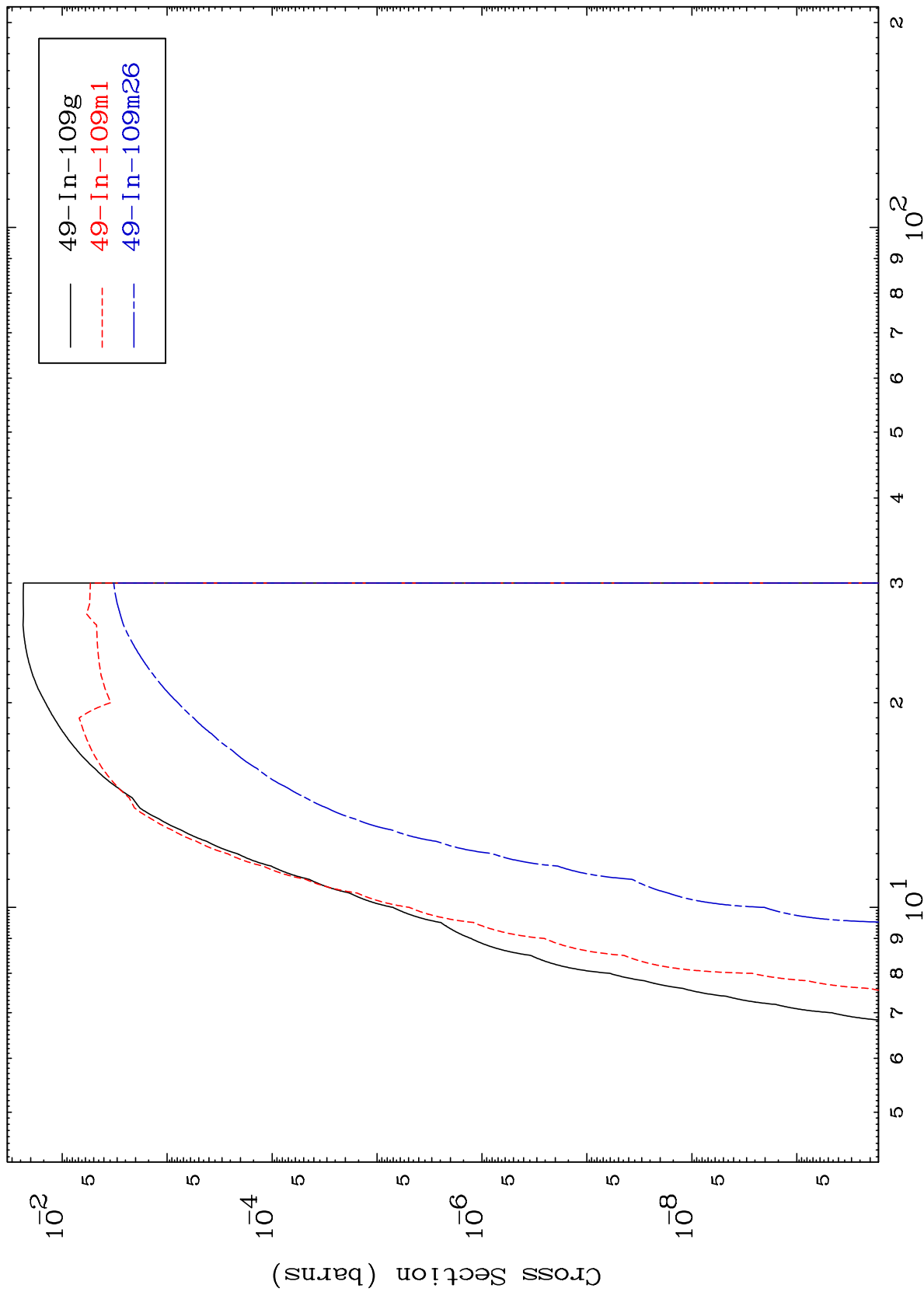
142

MAT 5019

(n,d)

50-Sn-110

Radionuclide Production Cross Section



143

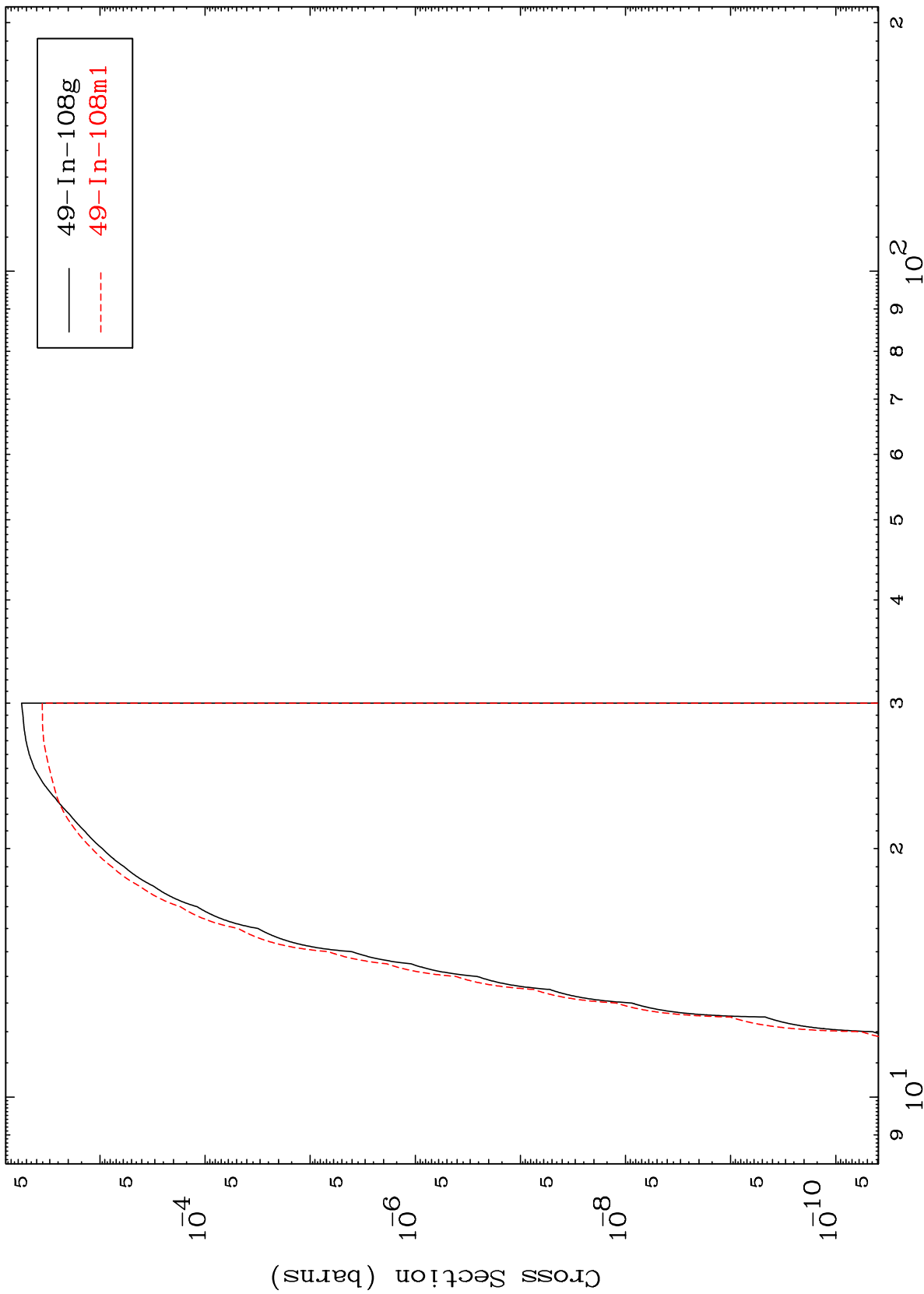
Incident Energy (MeV)

50-Sn-110

MAT 5019

50-Sn-110

(n,t)  
Radionuclide Production Cross Section



50-Sn-110

Incident Energy (MeV)

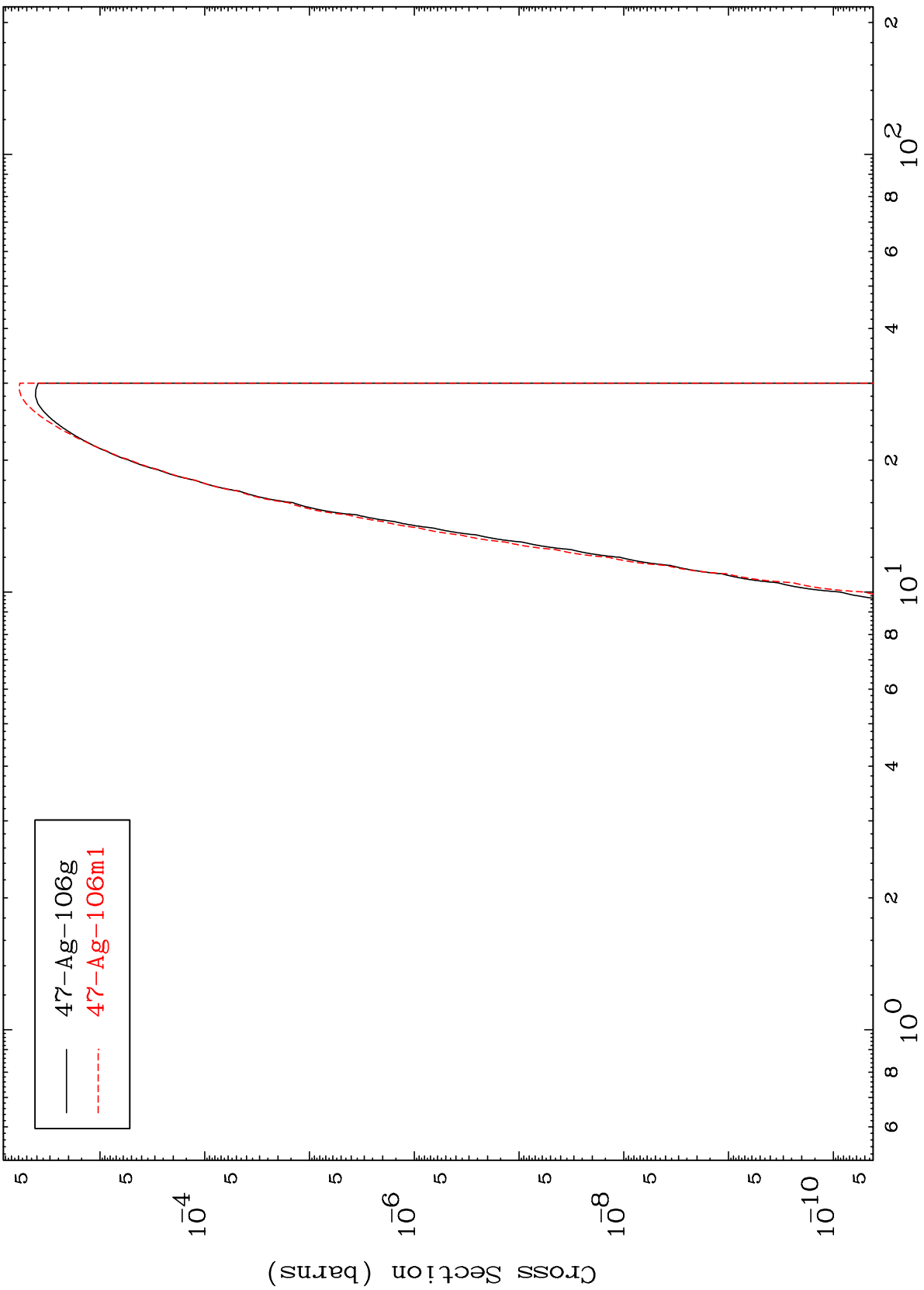
144

MAT 5019

(n,p)  $\alpha$

50-Sn-110

Radionuclide Production Cross Section



— 47-Ag-106g  
- - - 47-Ag-106m1

145

Incident Energy (MeV)

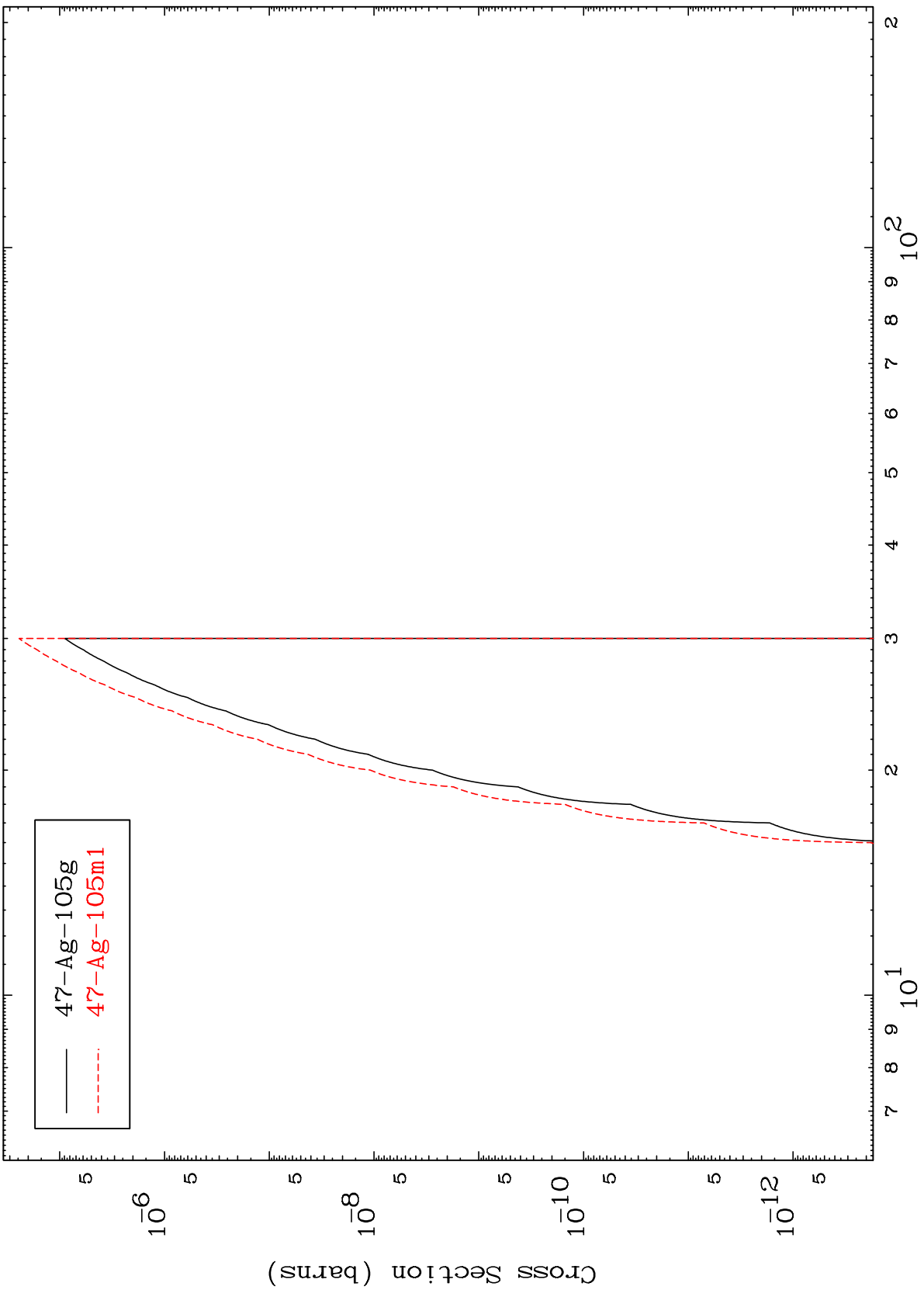
50-Sn-110

MAT 5019

50-Sn-110

(n,d)  $\alpha$

Radionuclide Production Cross Section



146

Incident Energy (MeV)

50-Sn-110