

Program EVALPLOT  
(Version 2021-1)

by

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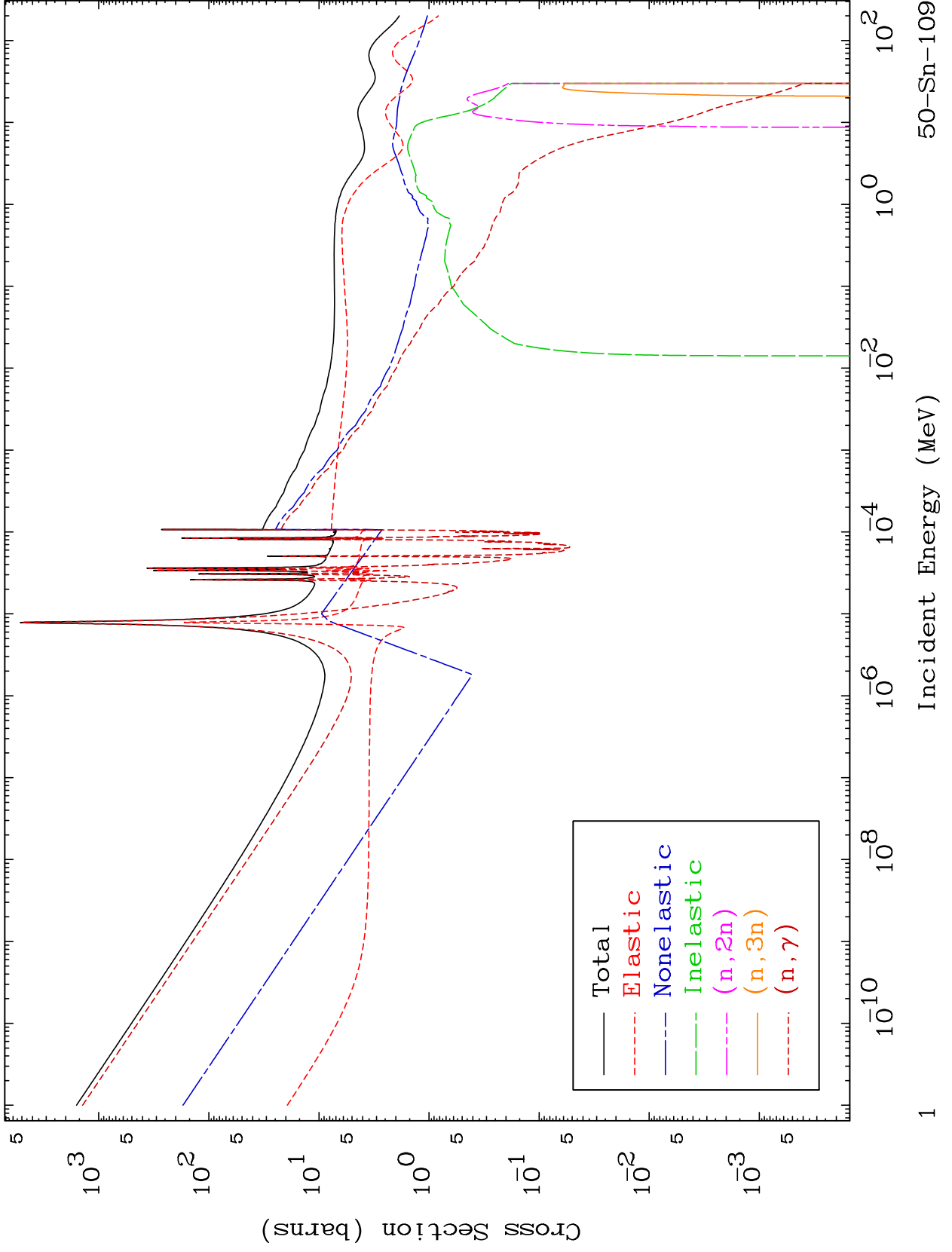
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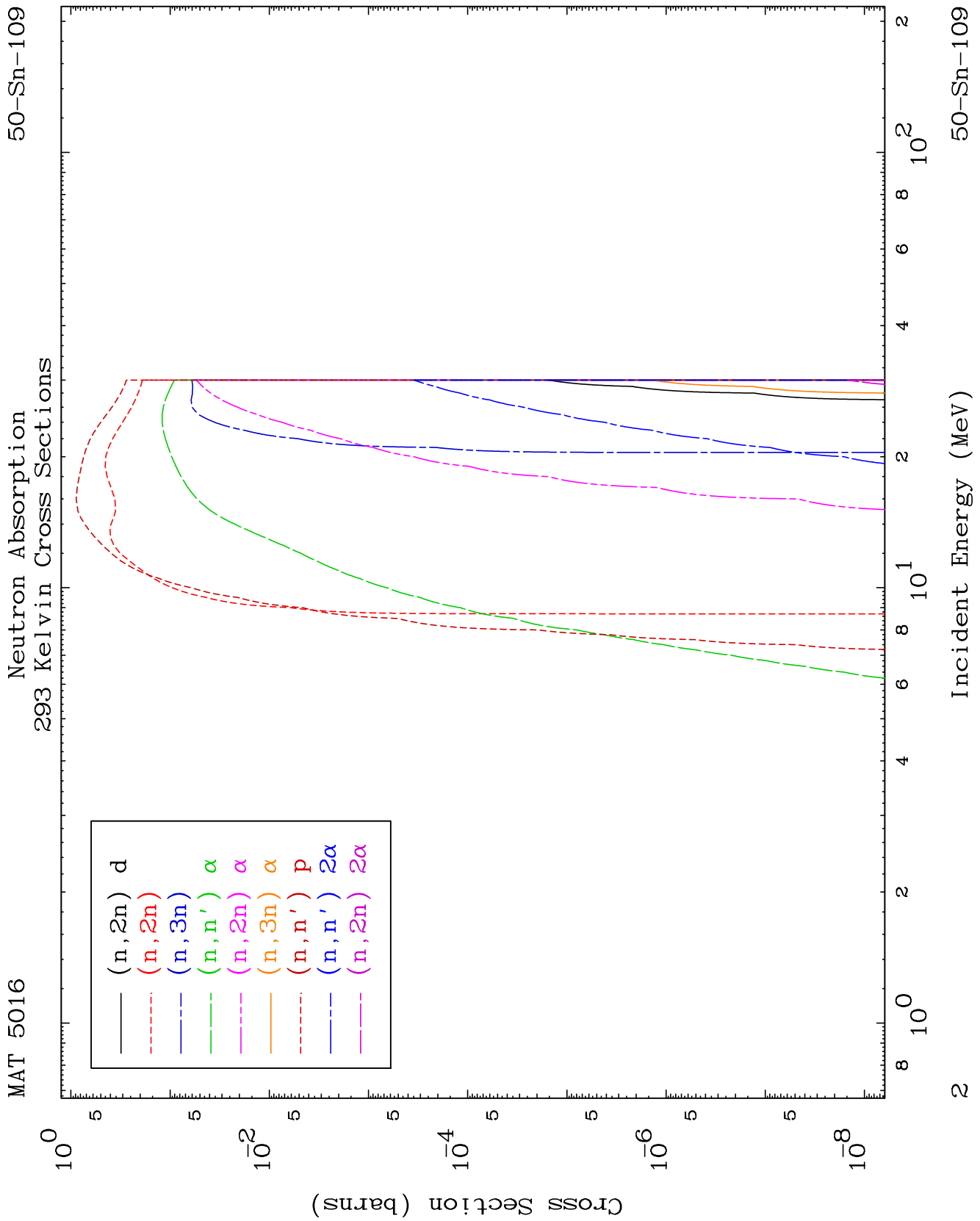
Press Mouse Button to Start

MAT 5016

Neutron Major  
293 Kelvin Cross Sections

50-Sn-109

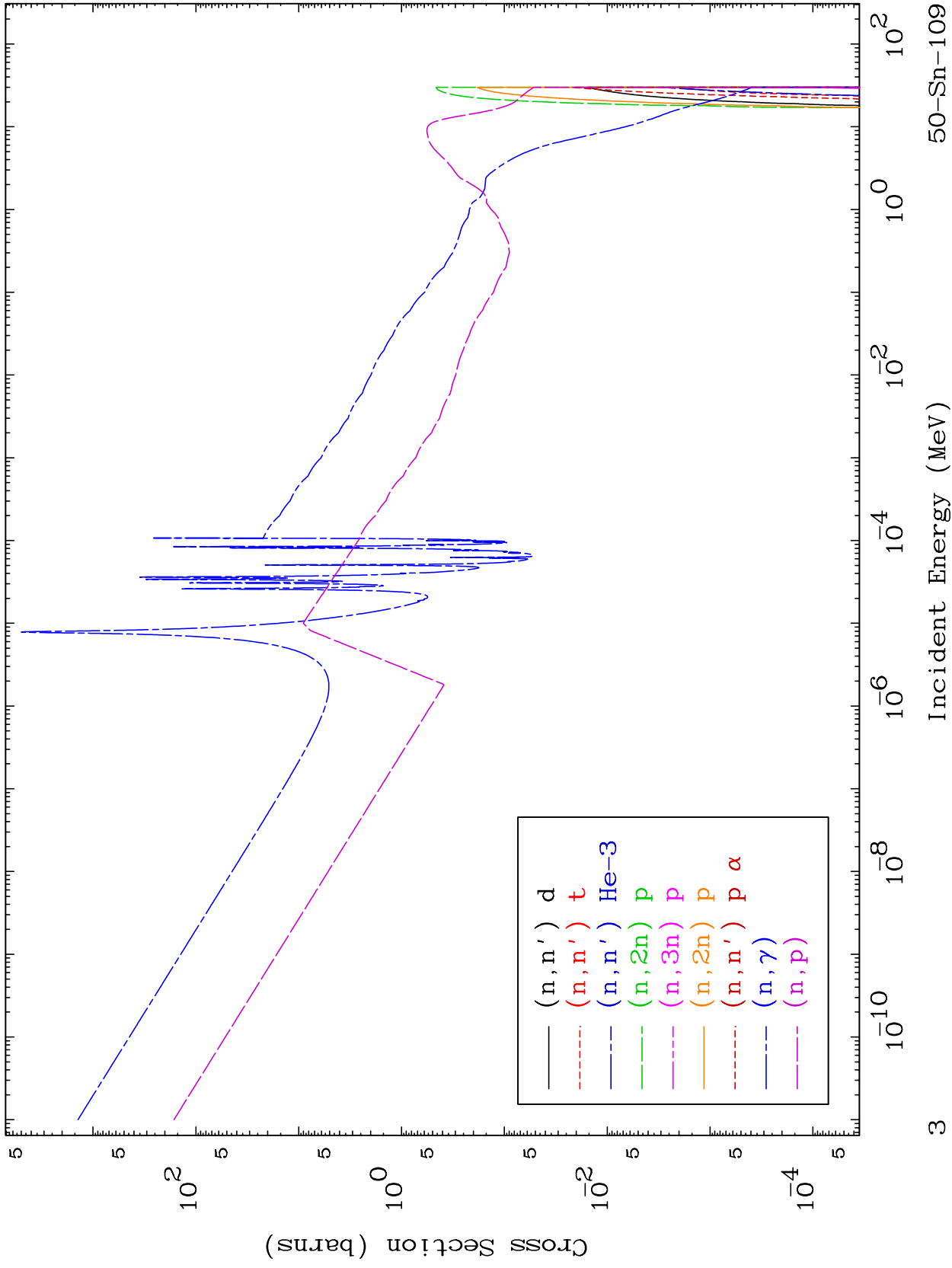




MAT 5016

Neutron Absorption  
293 Kelvin Cross Sections

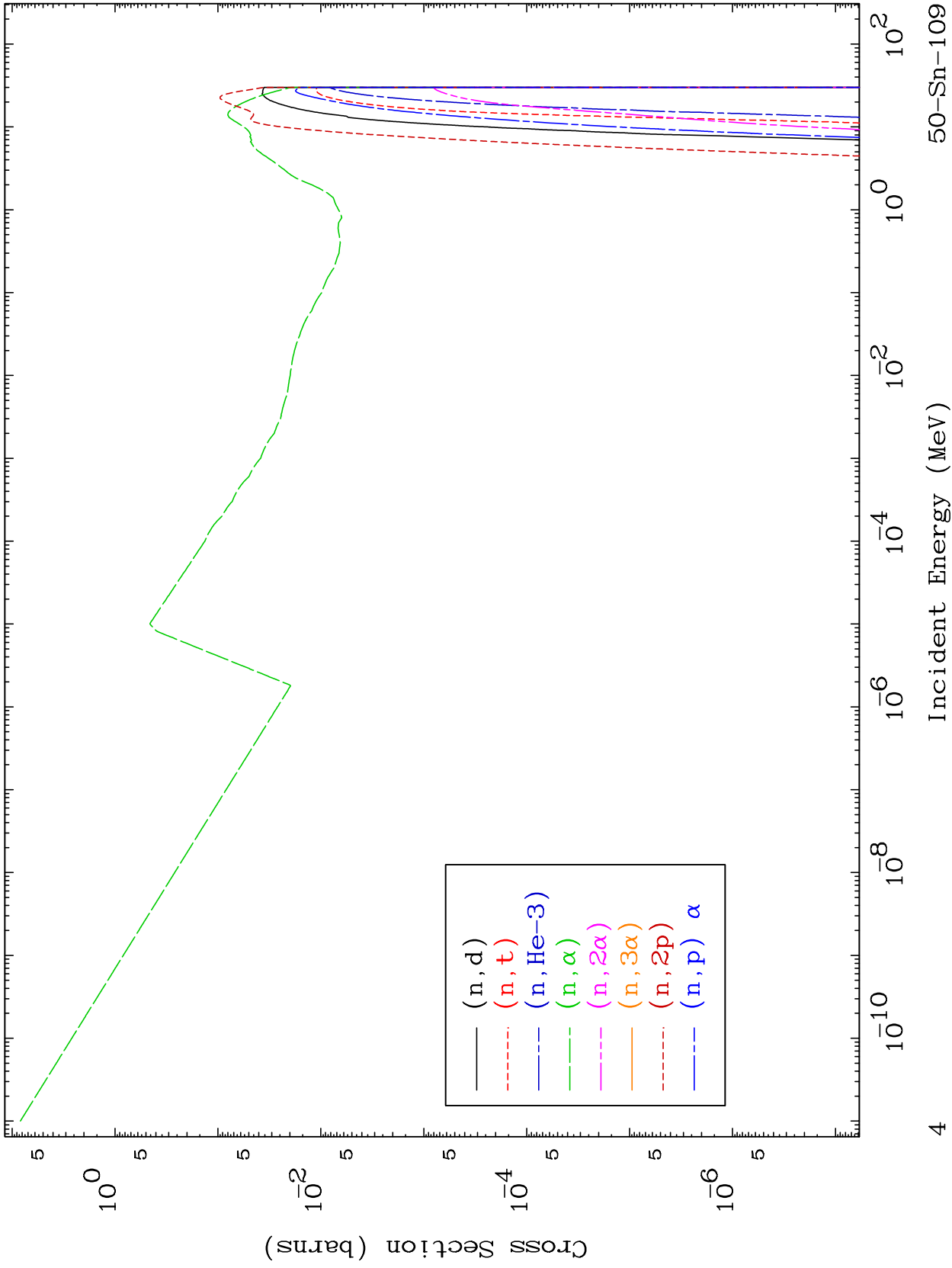
50-Sn-109



MAT 5016

Neutron Absorption  
293 Kelvin Cross Sections

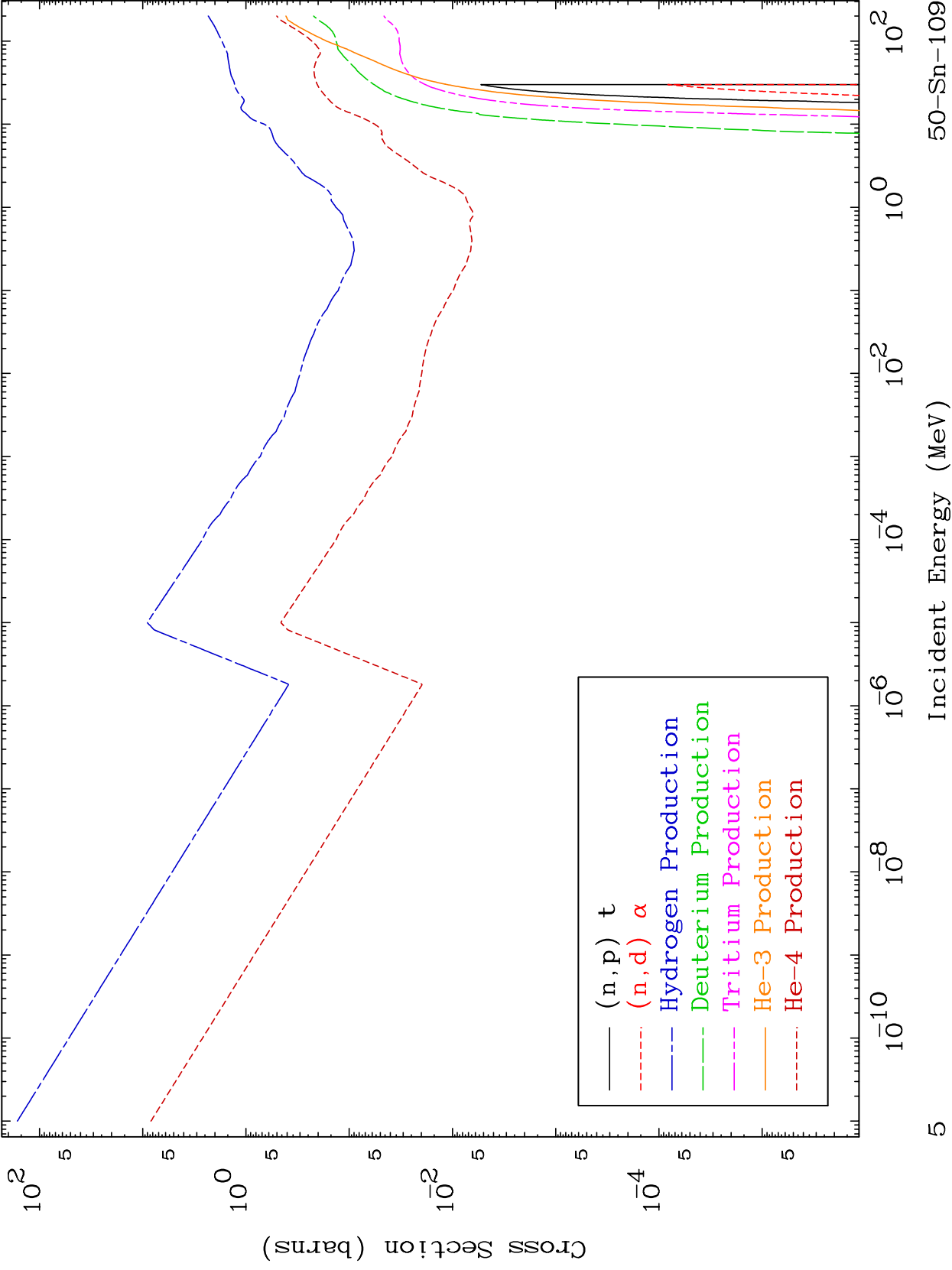
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MAT 5016

Neutron Absorption  
293 Kelvin Cross Sections

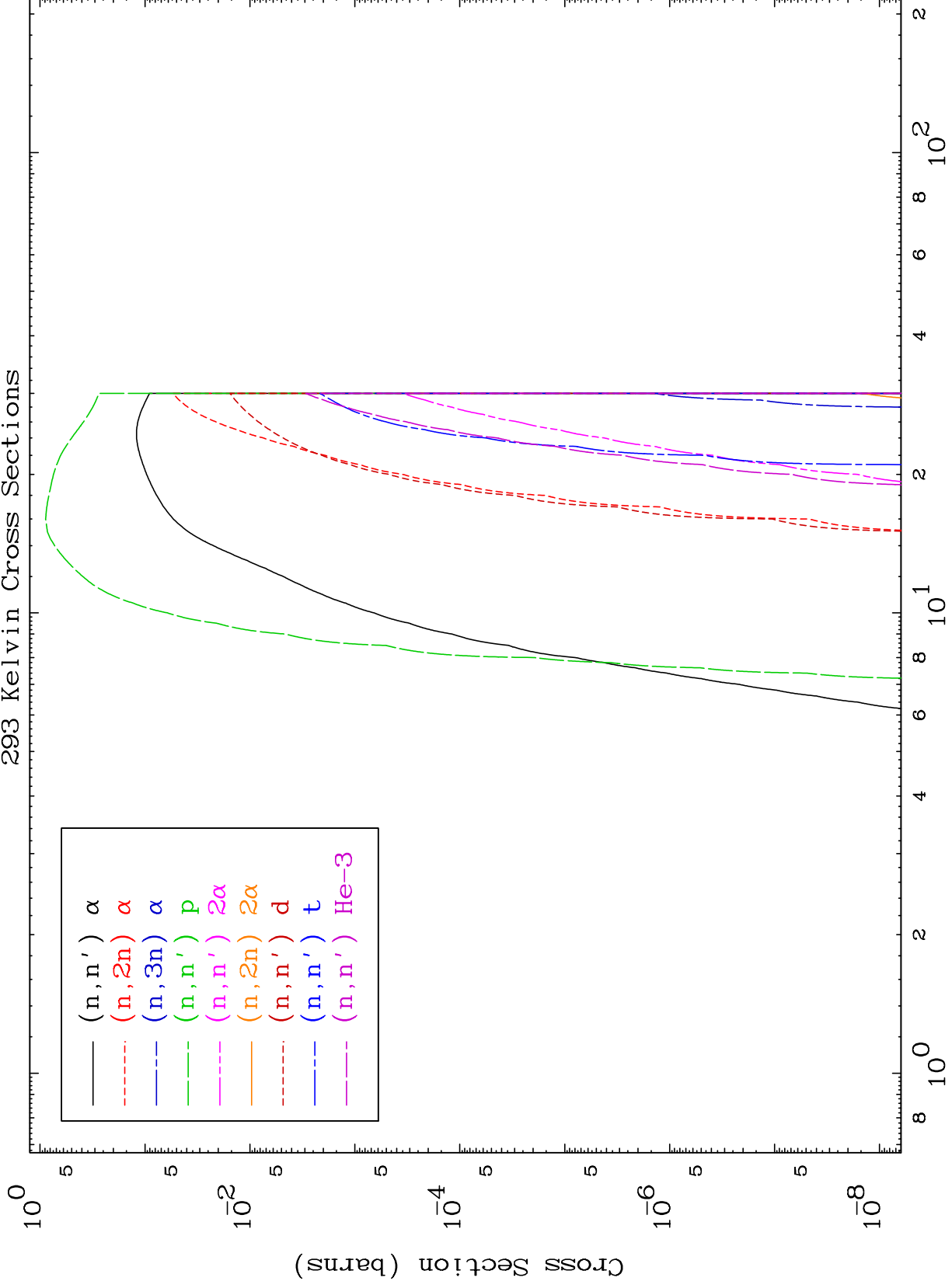
50-Sn-109



MAT 5016

Charged Particle  
293 Kelvin Cross Sections

50-Sn-109



50-Sn-109

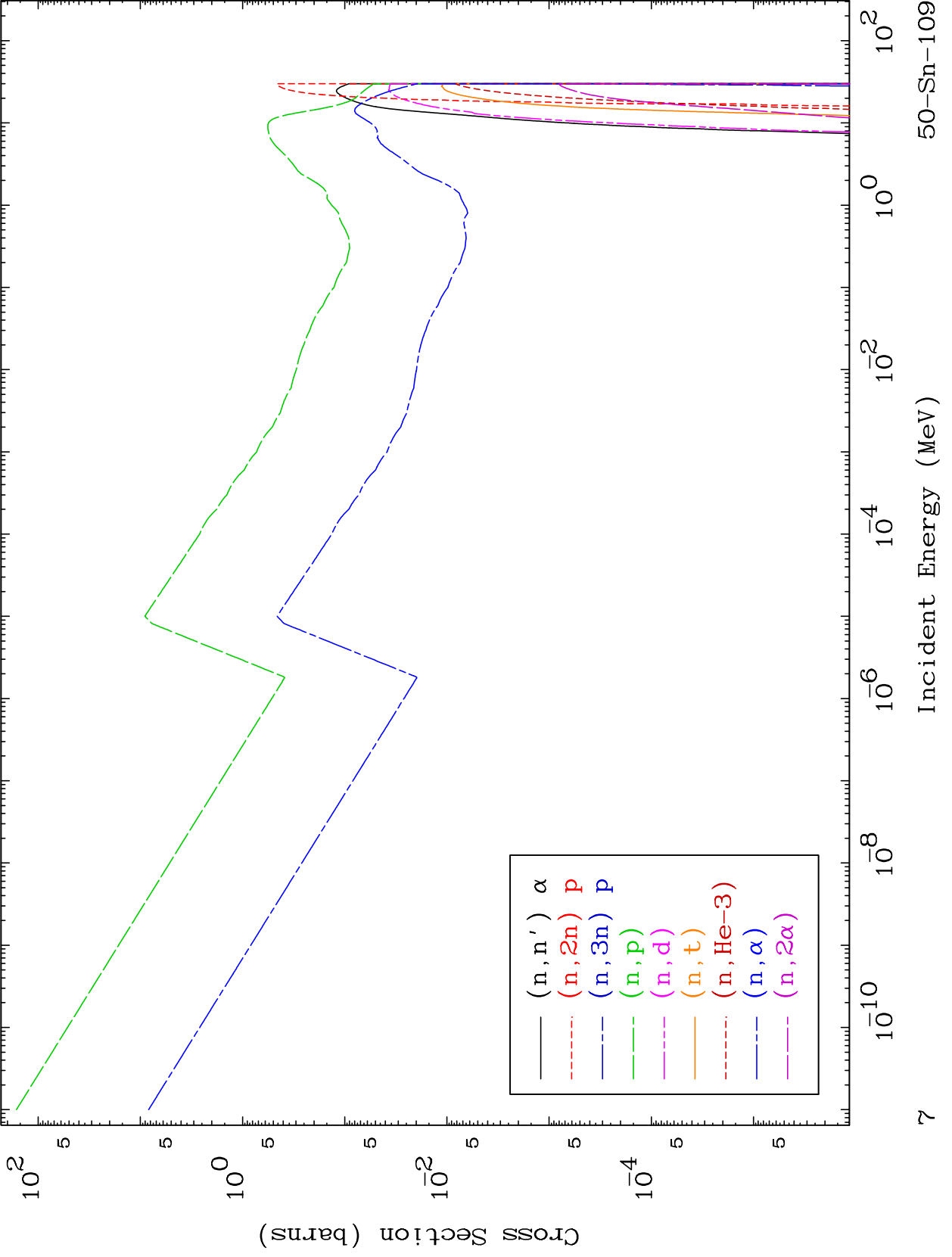
Incident Energy (MeV)

6

MAT 5016

Charged Particle  
293 Kelvin Cross Sections

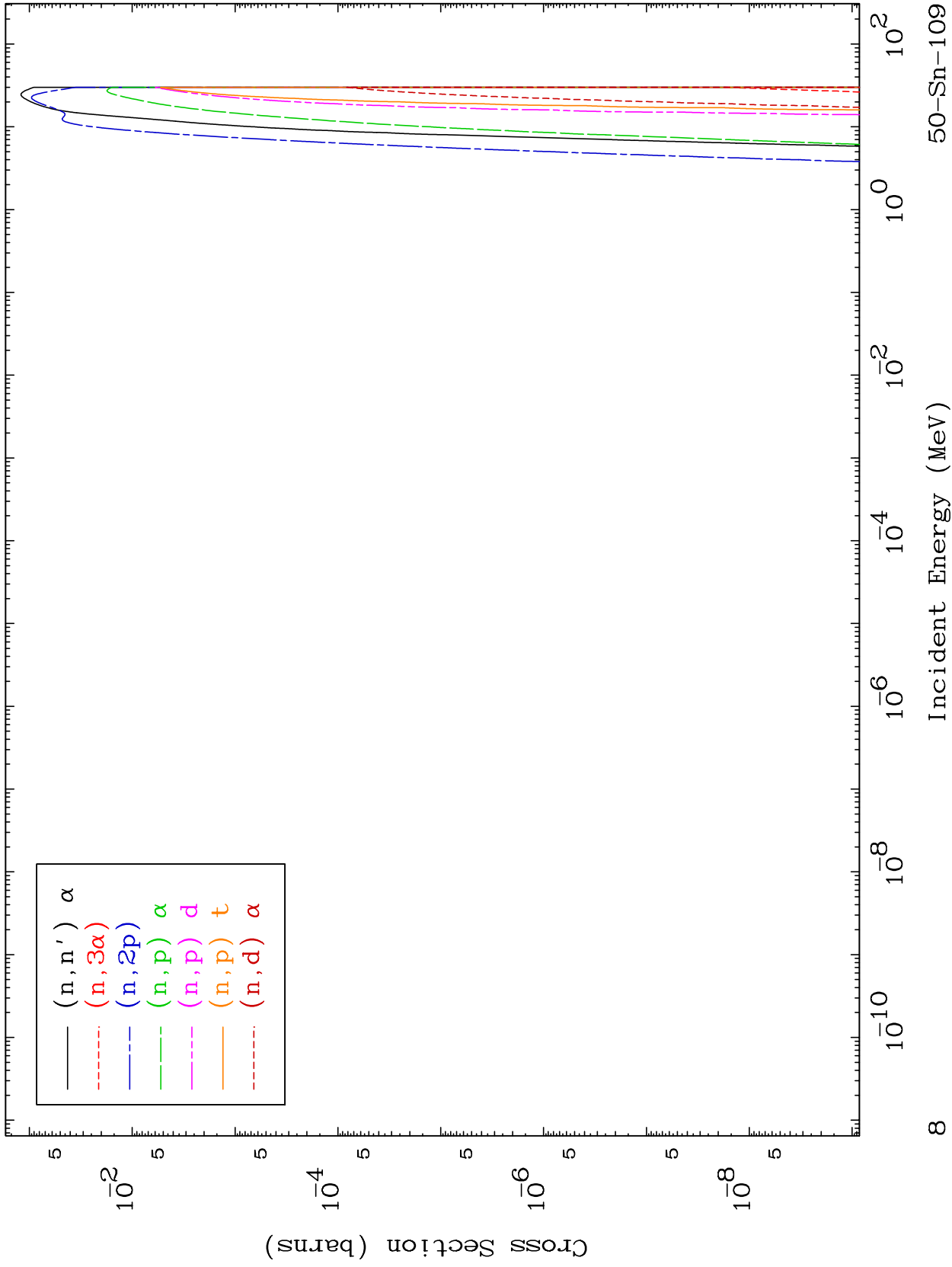
50-Sn-109



MAT 5016

Charged Particle  
293 Kelvin Cross Sections

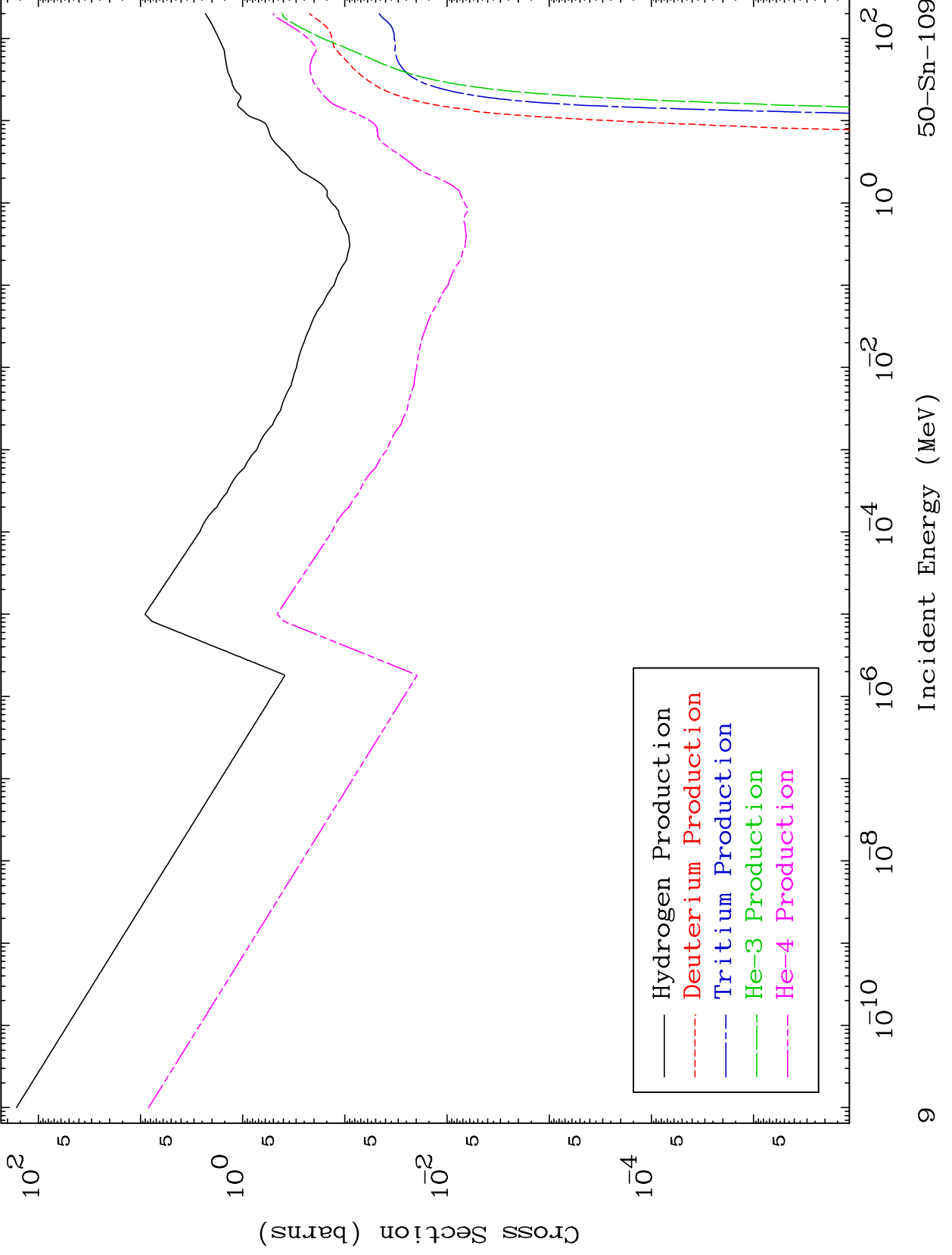
50-Sn-109



MAT 5016

Particle Production  
293 Kelvin Cross Sections

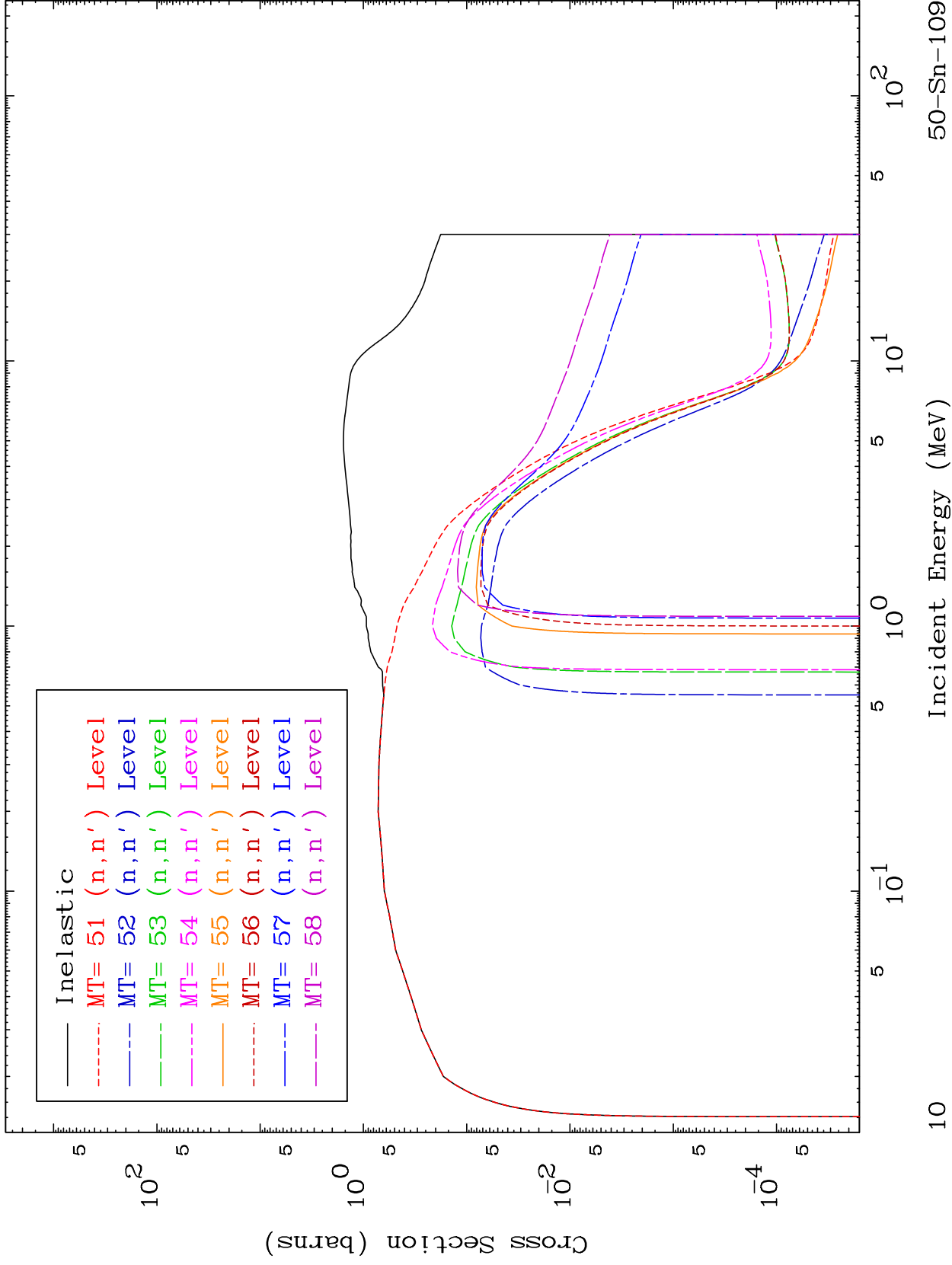
50-Sn-109



MAT 5016

293 Kelvin Cross Sections  
(n,n') Levels

50-Sn-109



10

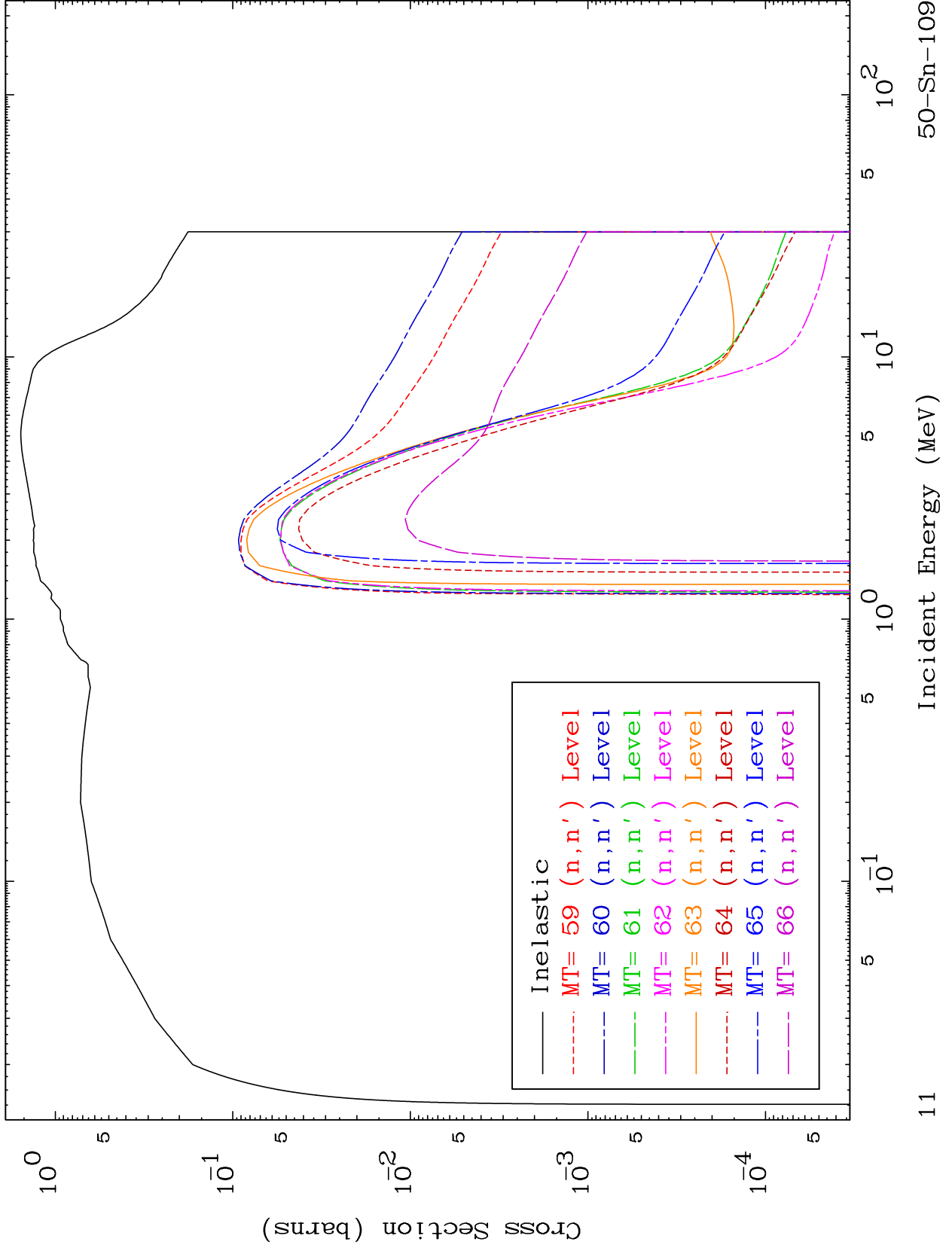
Incident Energy (MeV)

50-Sn-109

MAT 5016

(n,n') Levels  
293 Kelvin Cross Sections

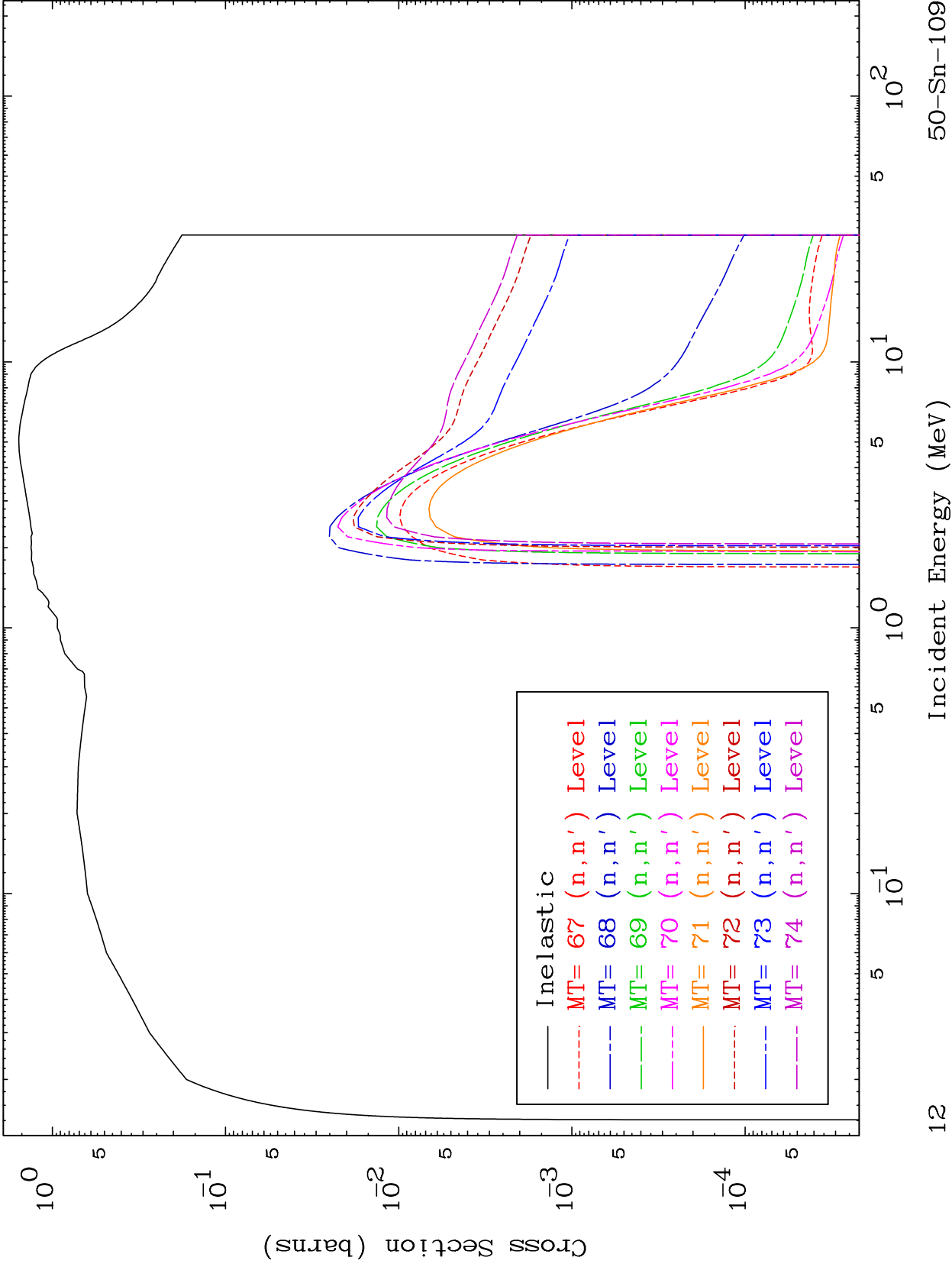
50-Sn-109



MAT 5016

(n,n') Levels  
293 Kelvin Cross Sections

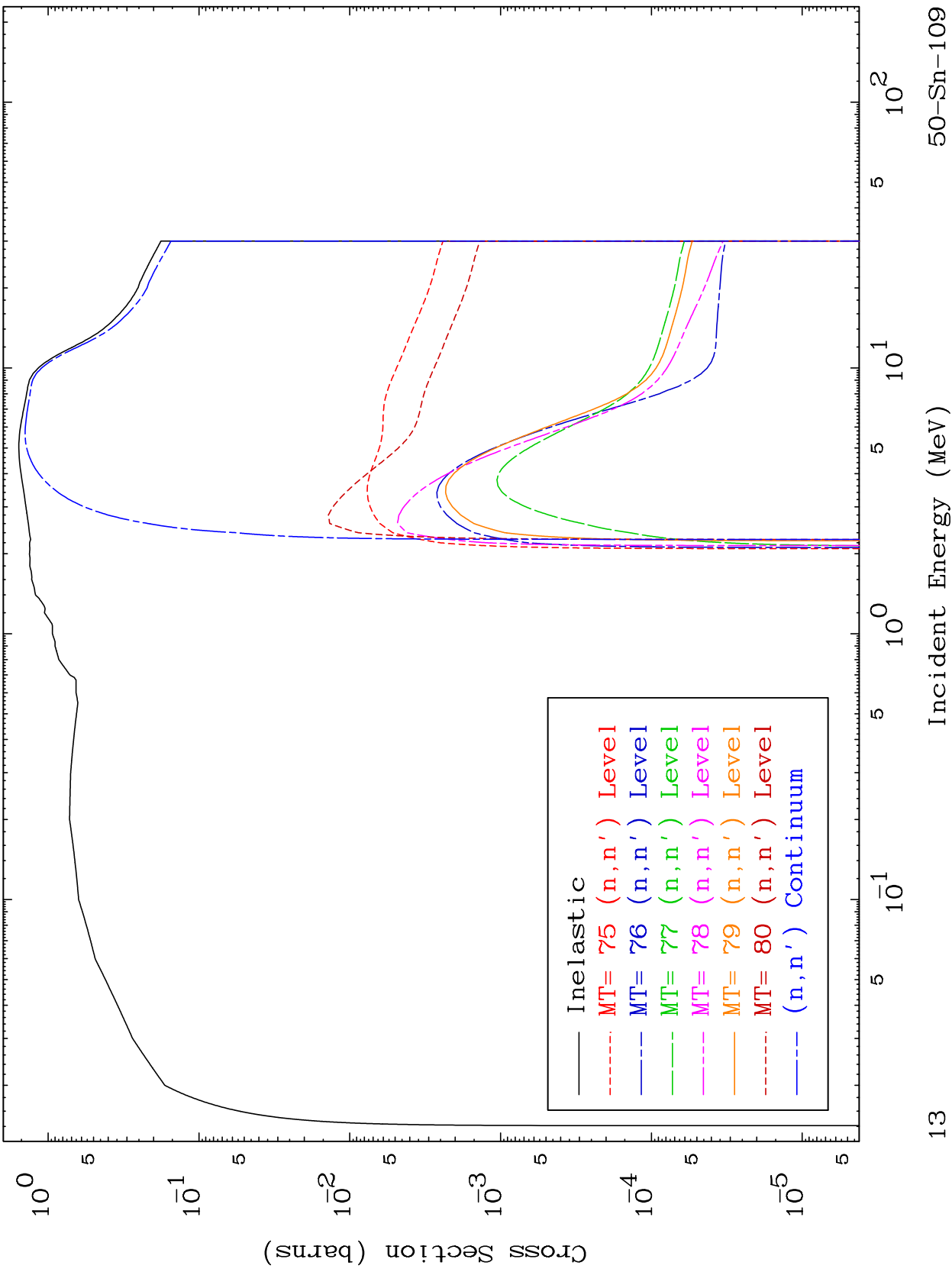
50-Sn-109



MAT 5016

50-Sn-109

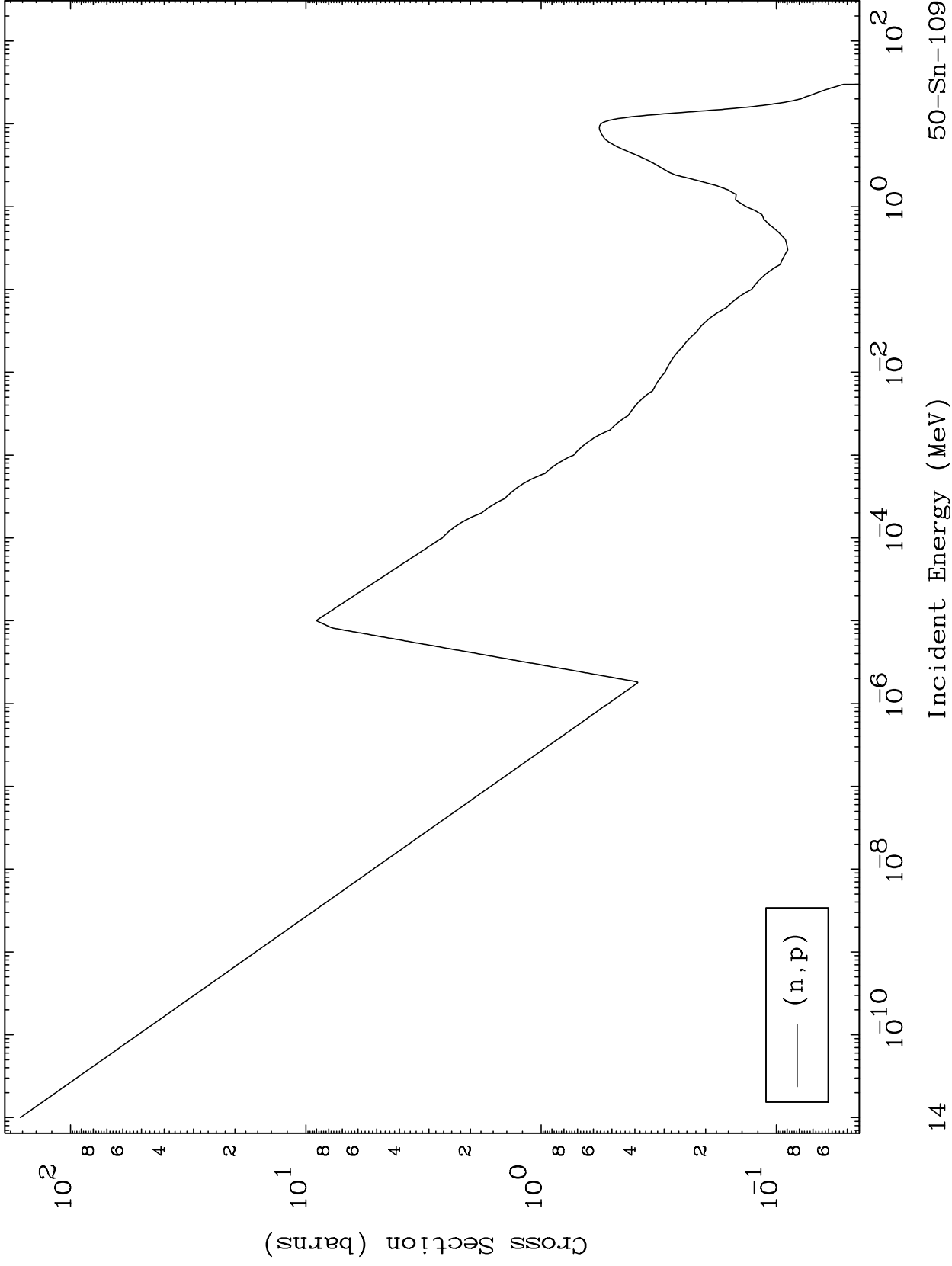
(n,n') Levels  
293 Kelvin Cross Sections



MAT 5016

(n,p) Levels  
293 Kelvin Cross Sections

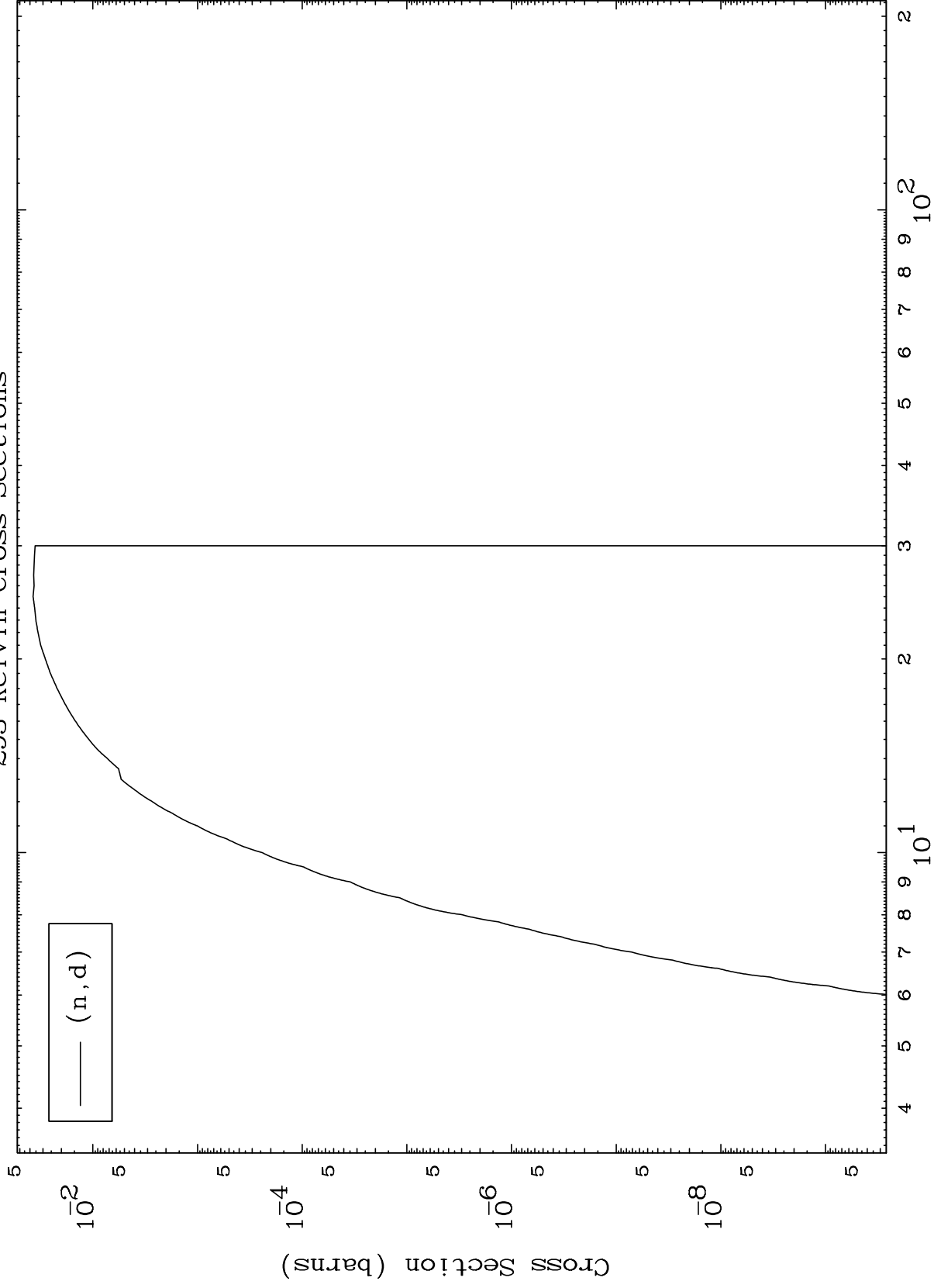
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MAT 5016

(n,d) Levels  
293 Kelvin Cross Sections

50-Sn-109



15

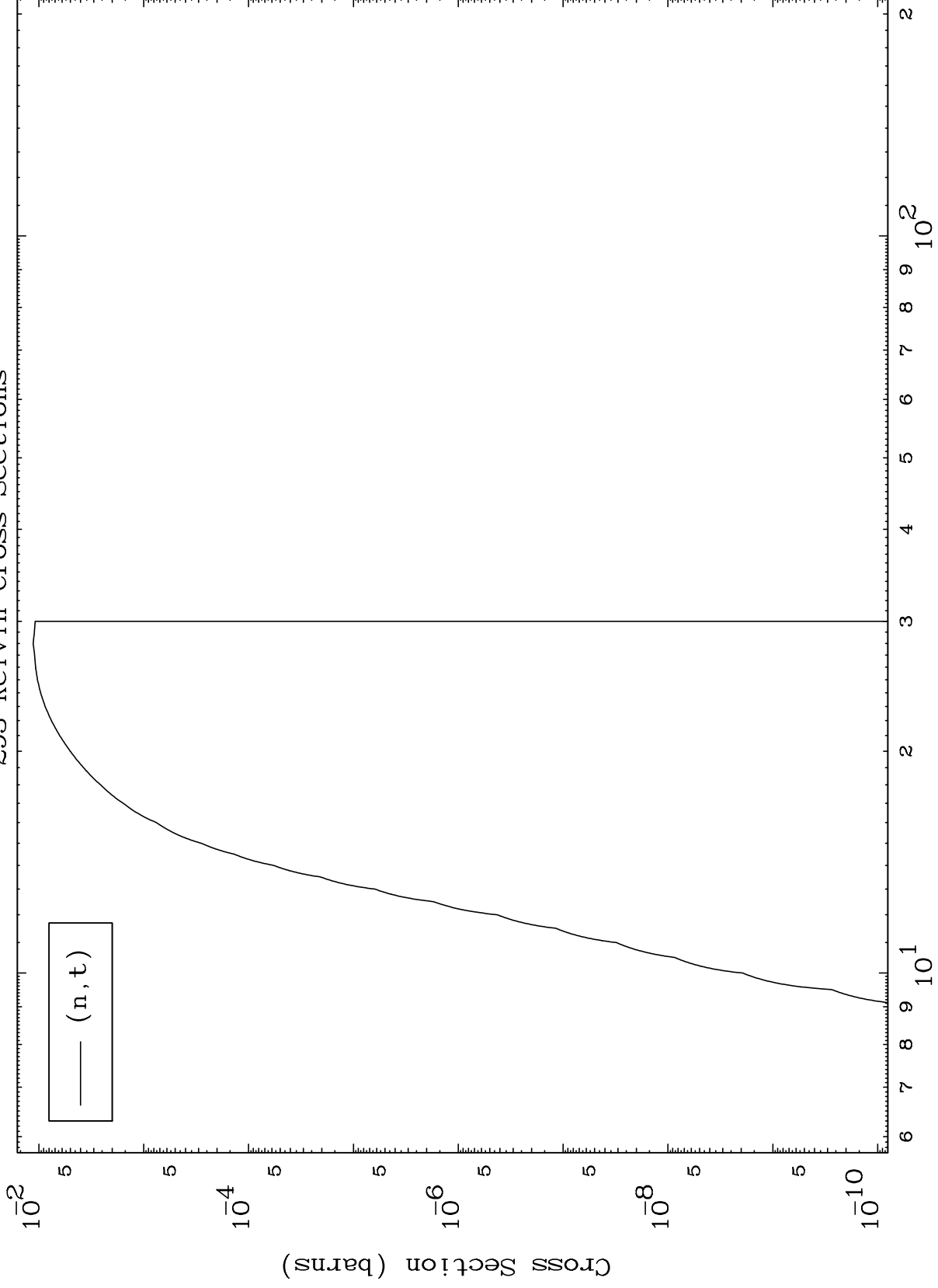
Incident Energy (MeV)

50-Sn-109

MAT 5016

(n, t) Levels  
293 Kelvin Cross Sections

50-Sn-109



16

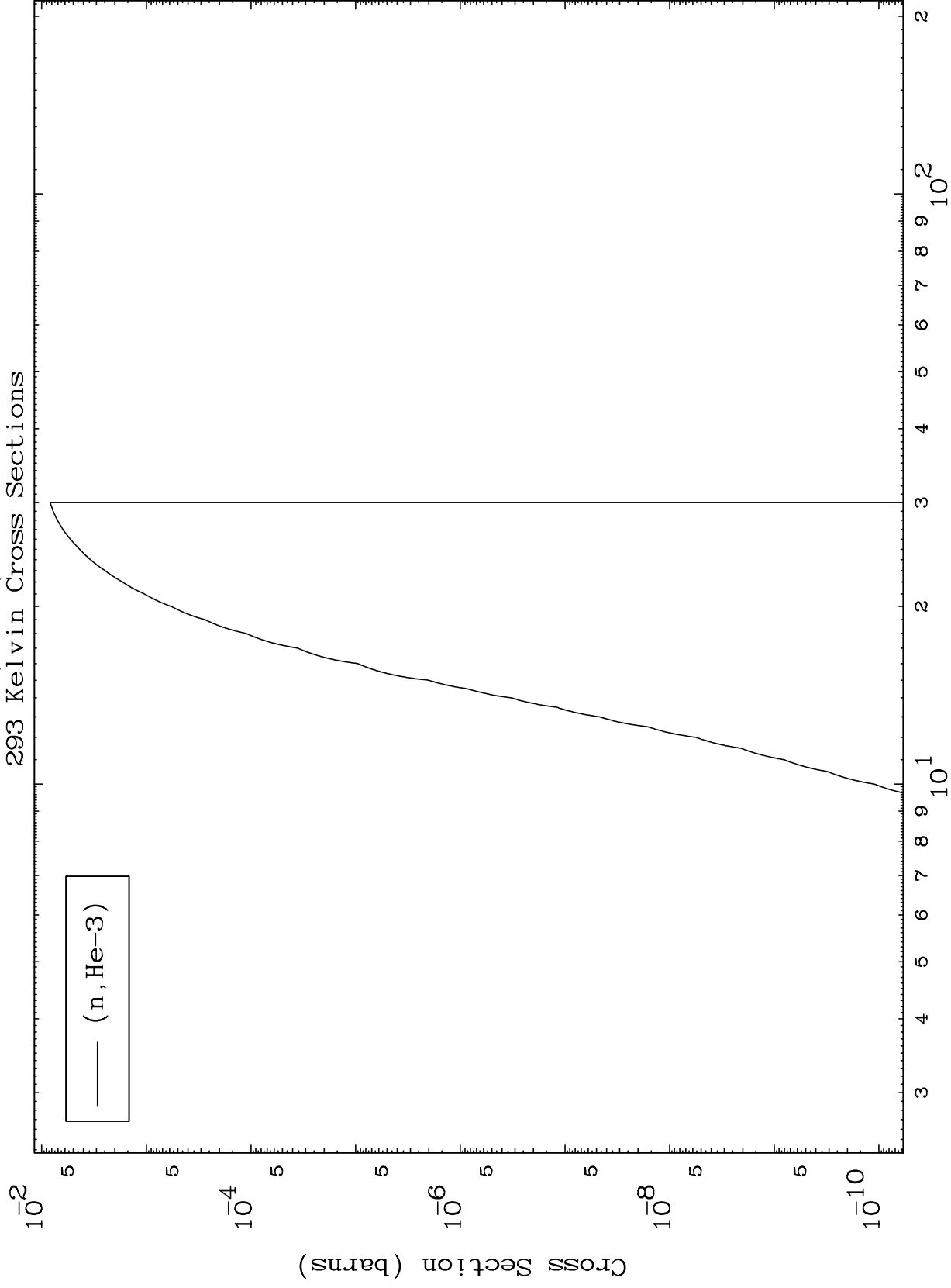
Incident Energy (MeV)

50-Sn-109

MAT 5016

(n,He3) Levels  
293 Kelvin Cross Sections

50-Sn-109



17

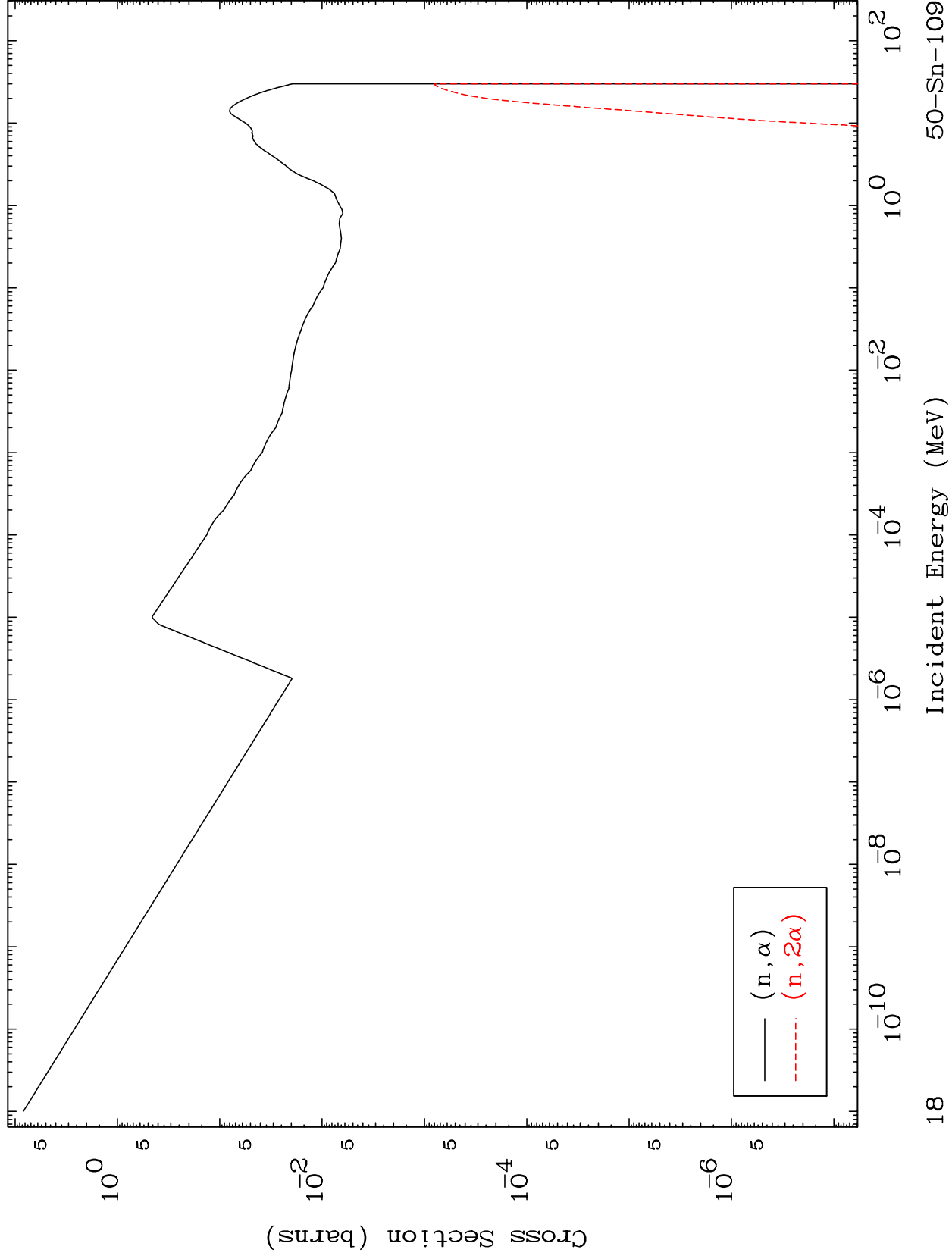
Incident Energy (MeV)

50-Sn-109

MAT 5016

(n,α) Levels  
293 Kelvin Cross Sections

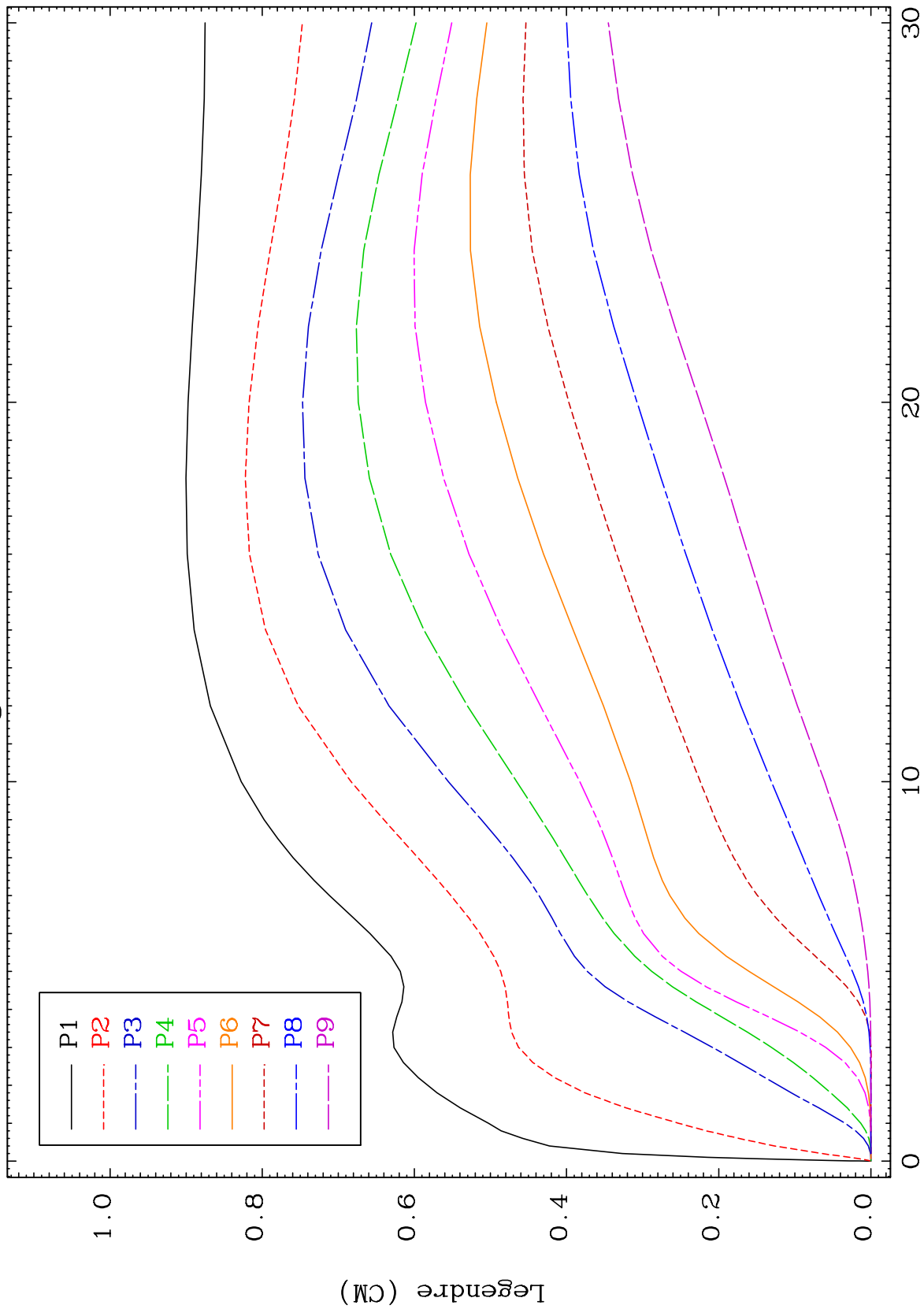
50-Sn-109



MAT 5016

Elastic Legendre Coefficients

50-Sn-109



19

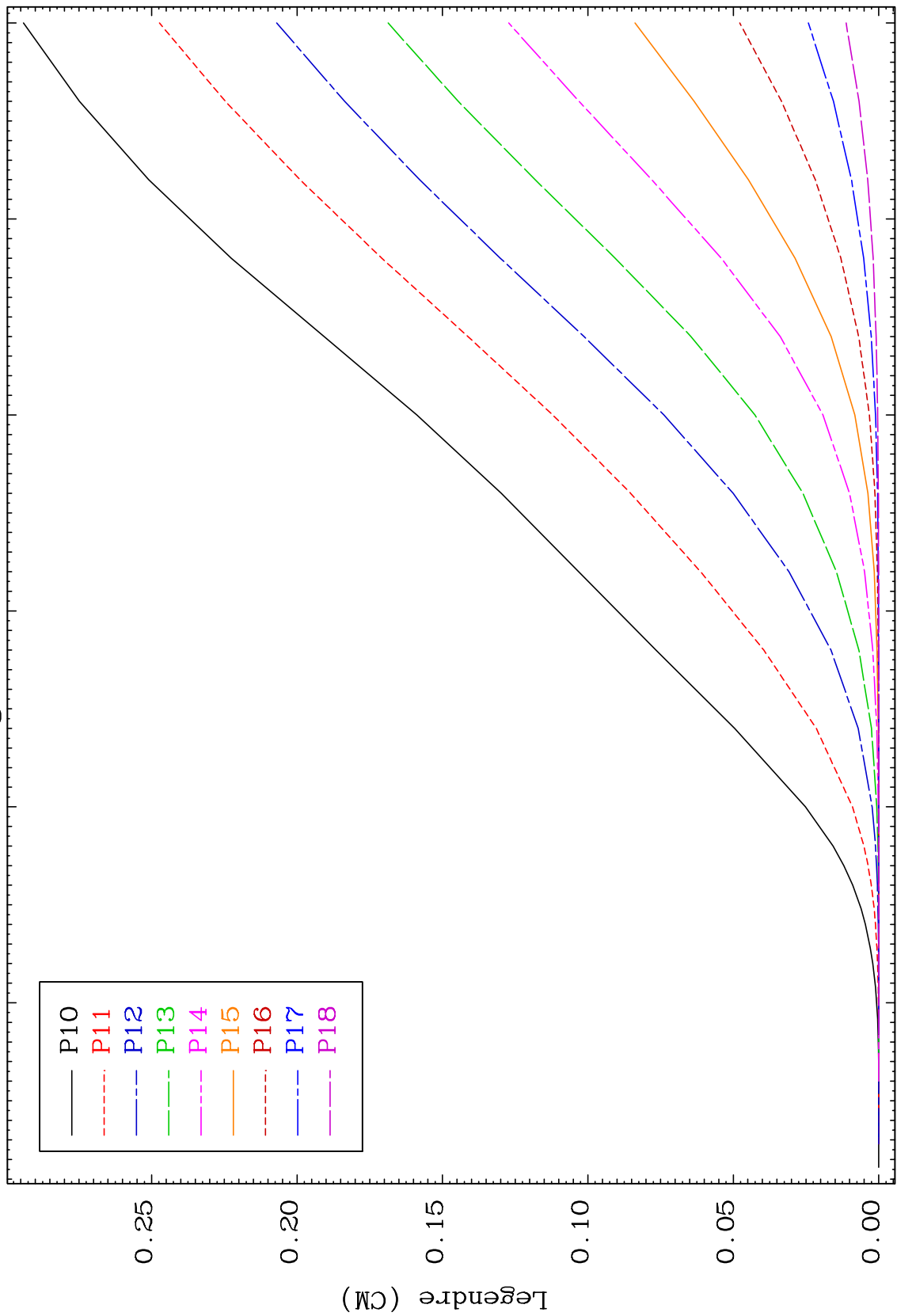
Incident Energy (MeV)

50-Sn-109

MAT 5016

Elastic Legendre Coefficients

50-Sn-109



20

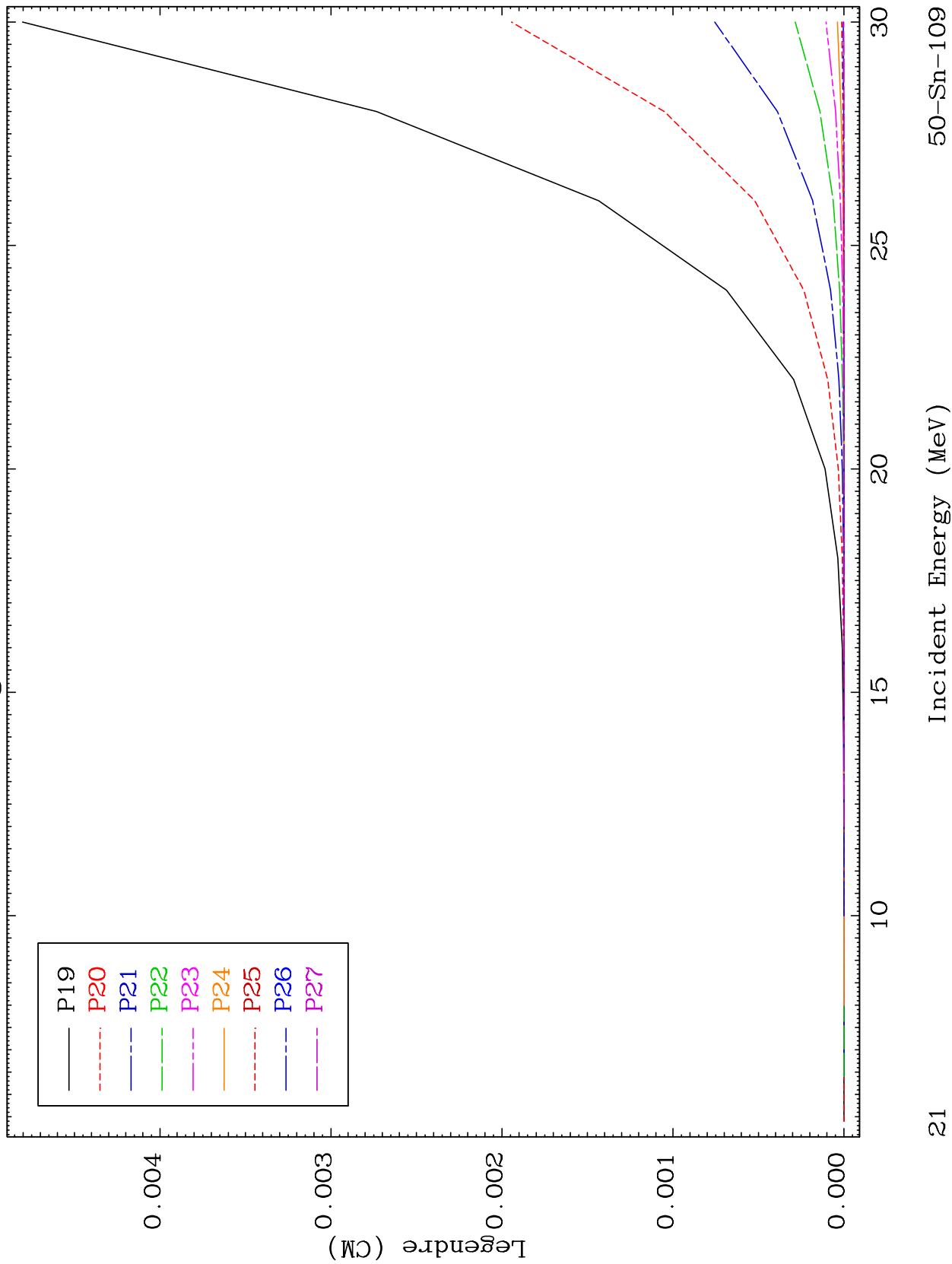
Incident Energy (MeV)

50-Sn-109

MAT 5016

Elastic Legendre Coefficients

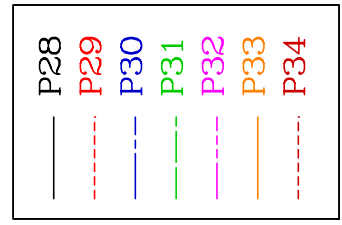
50-Sn-109



MAT 5016

Elastic Legendre Coefficients

50-Sn-109

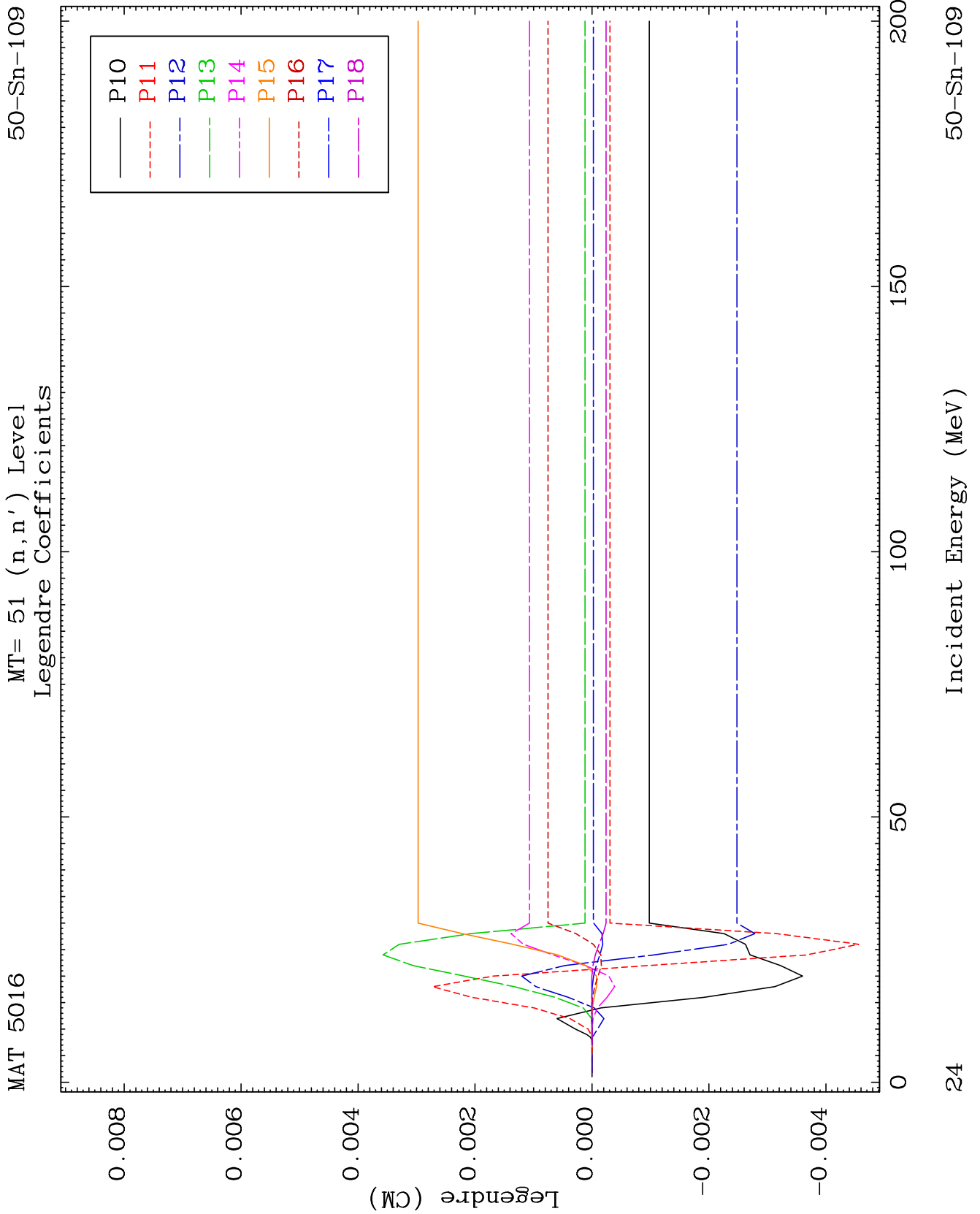


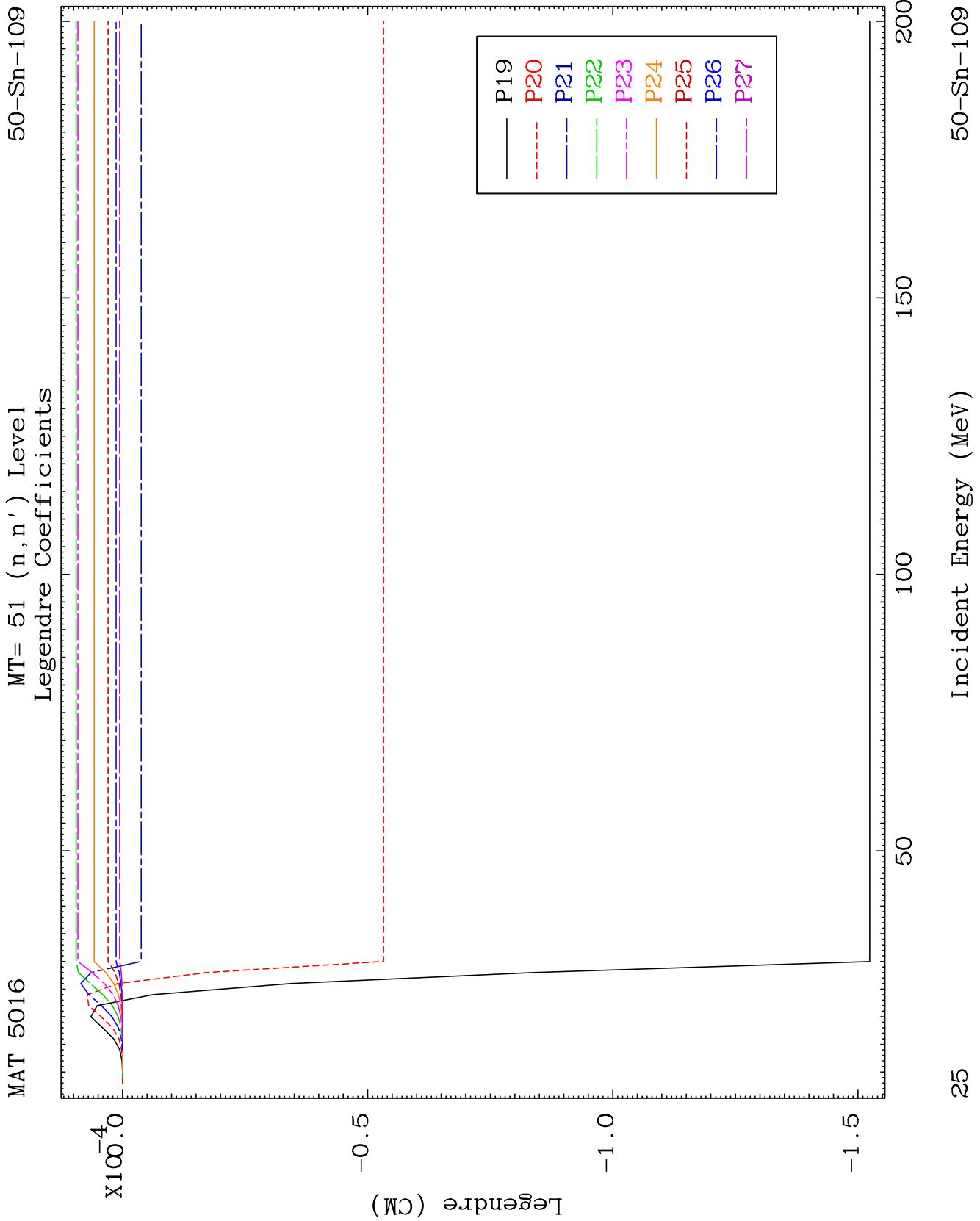
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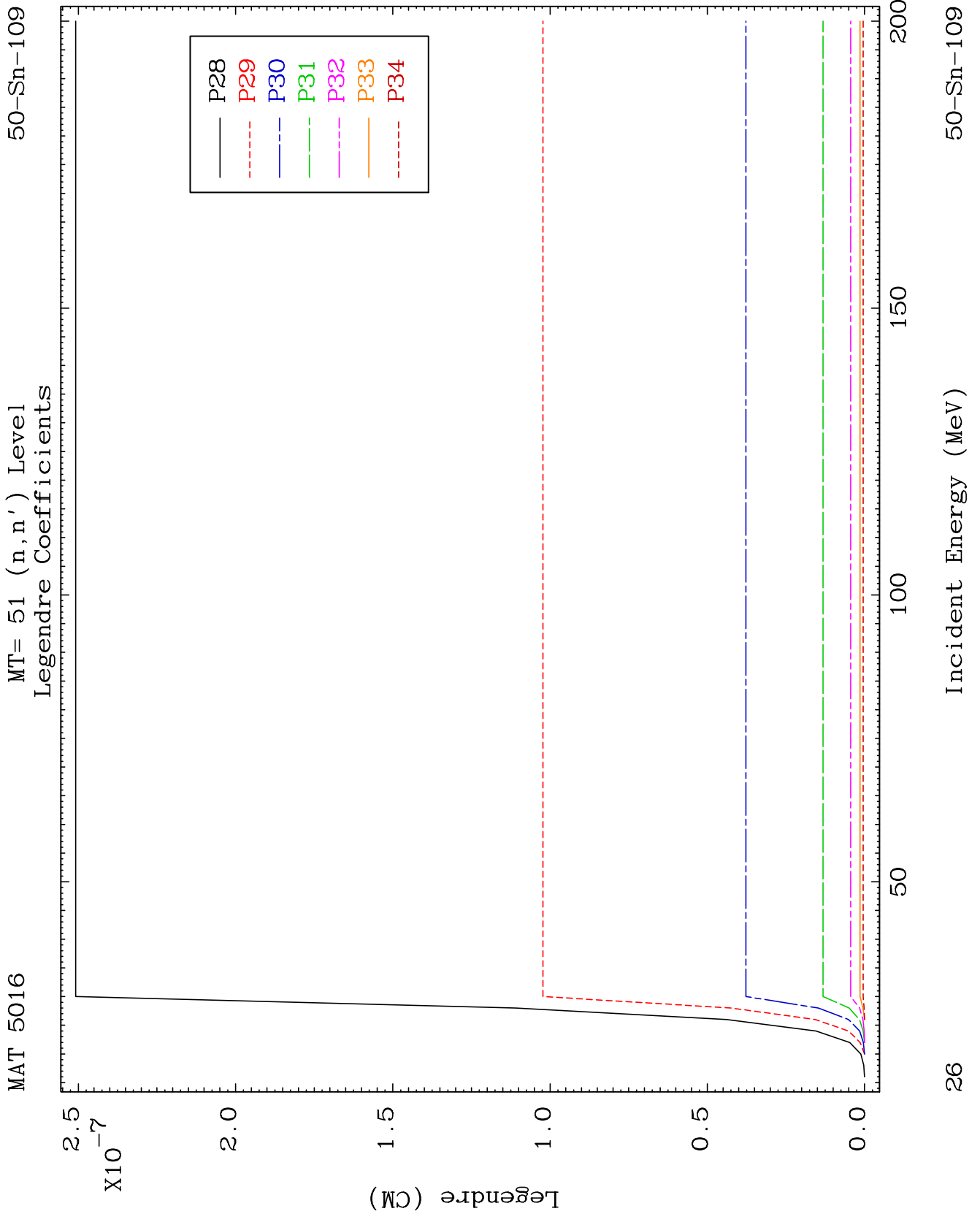
Incident Energy (MeV)

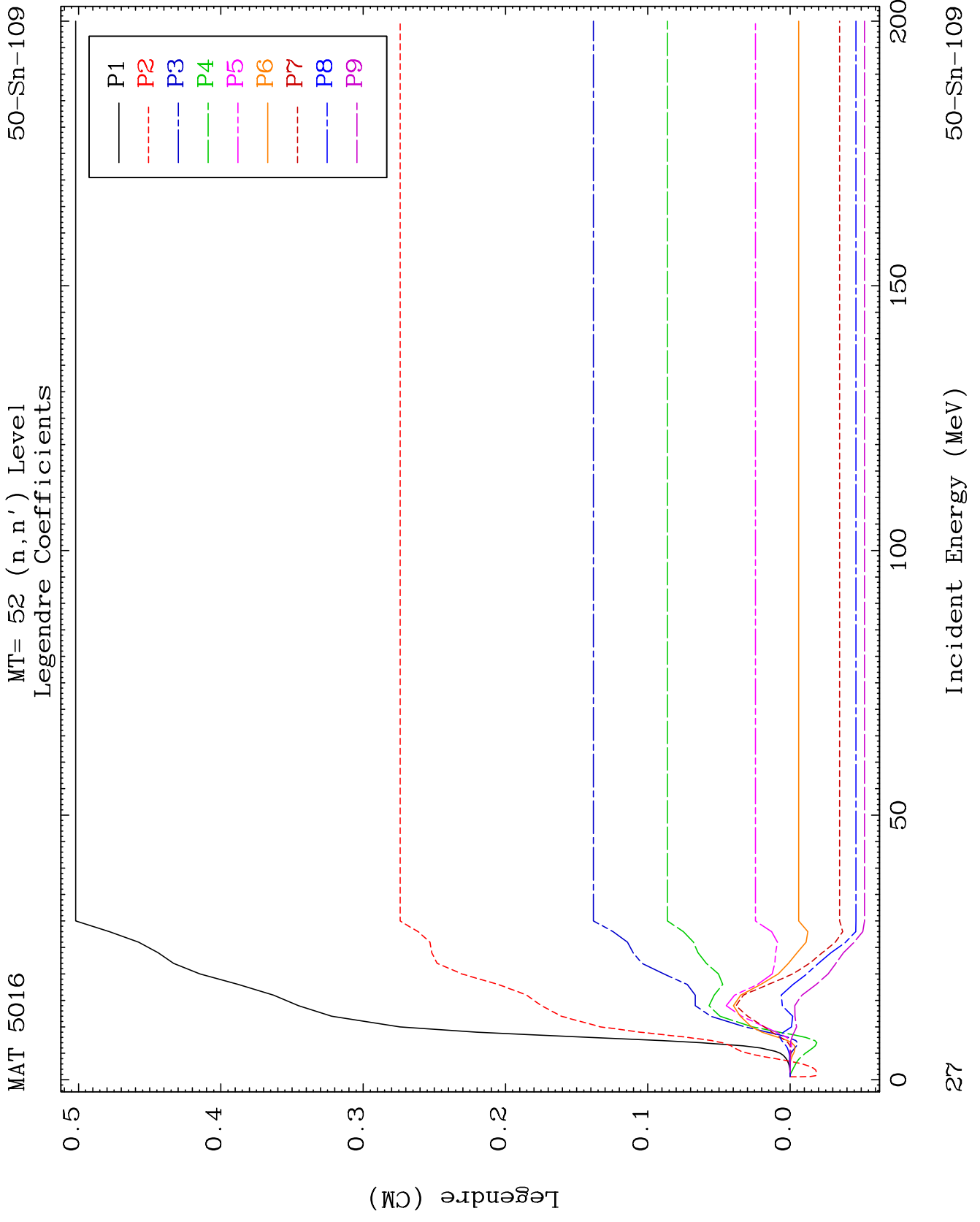
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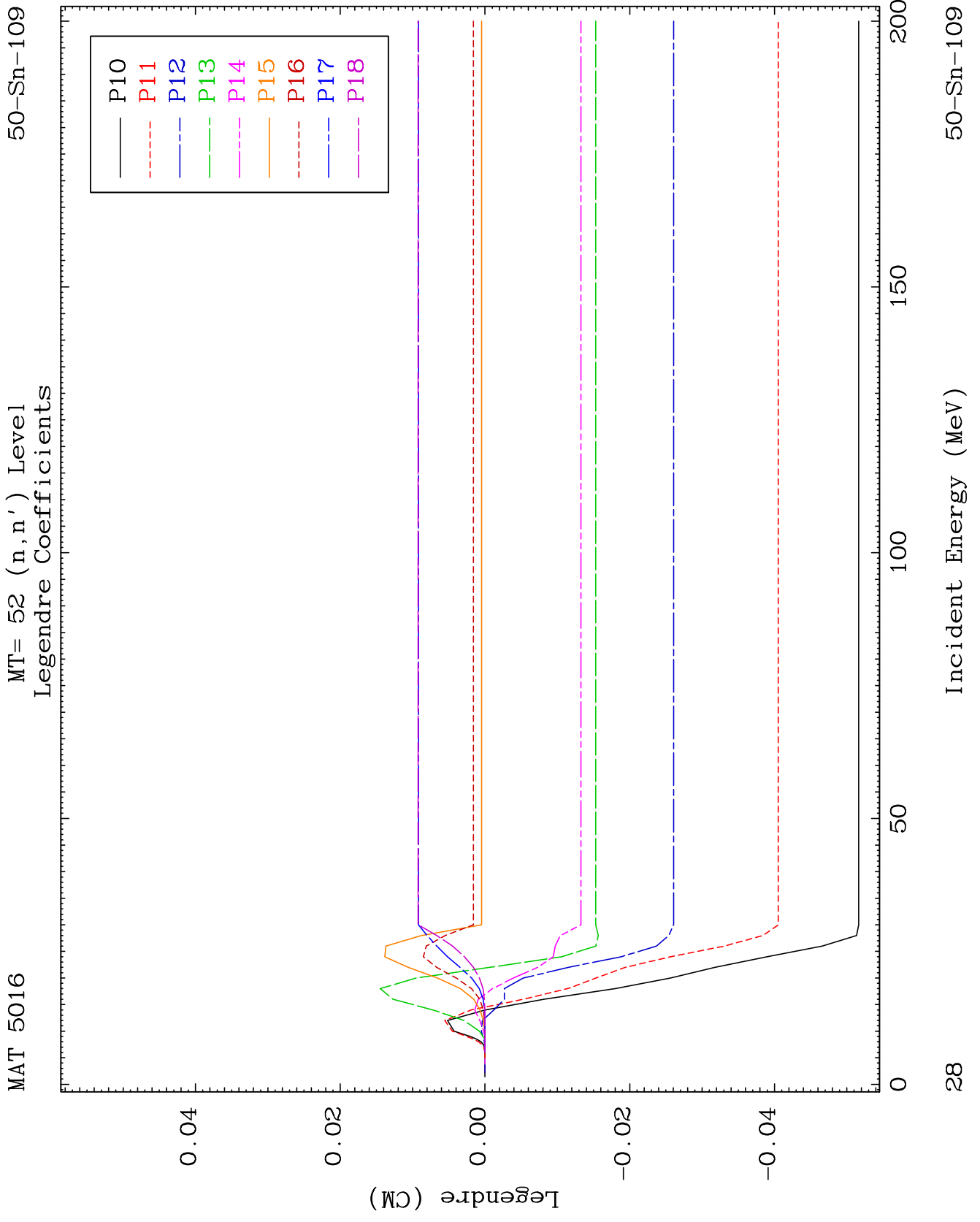


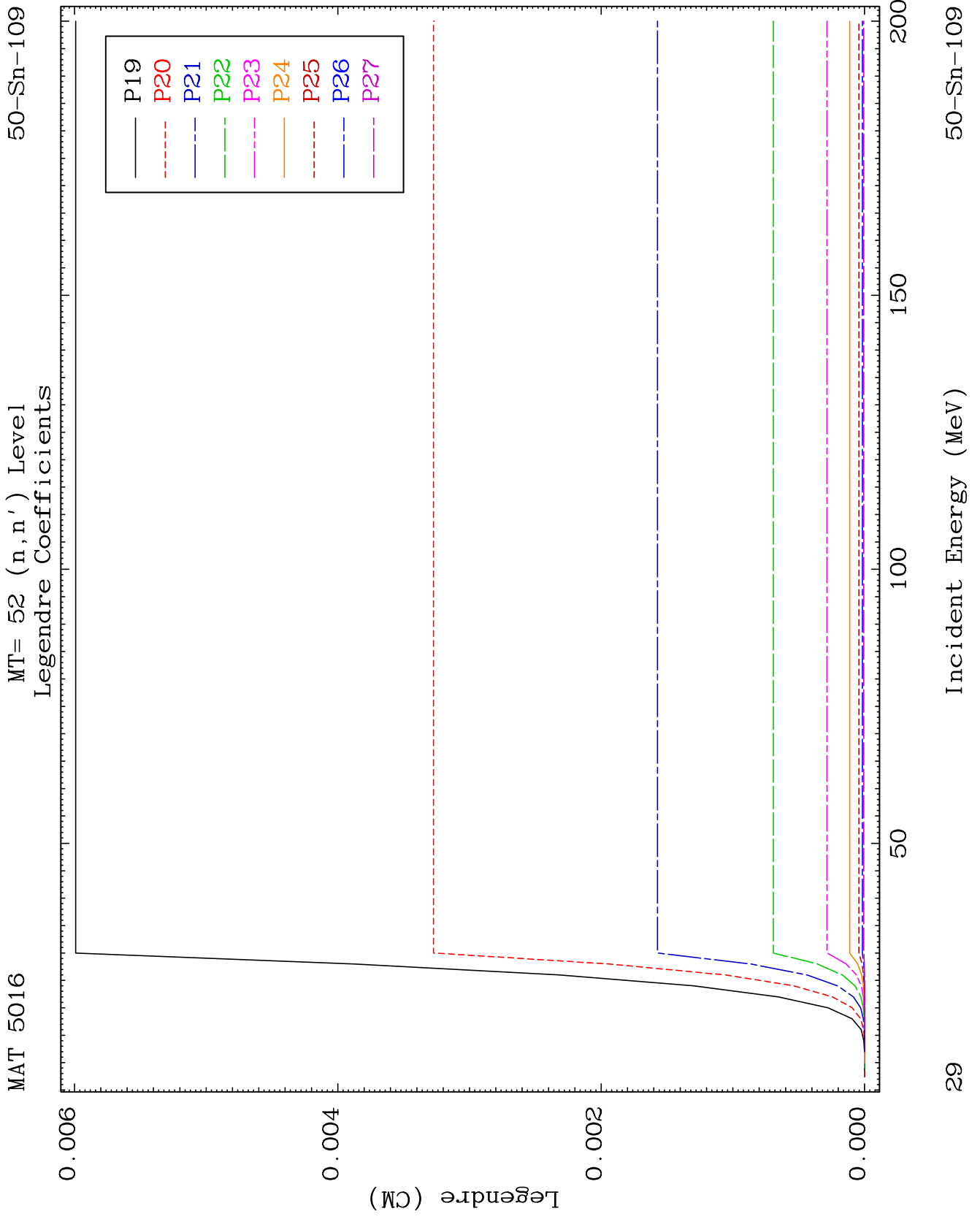










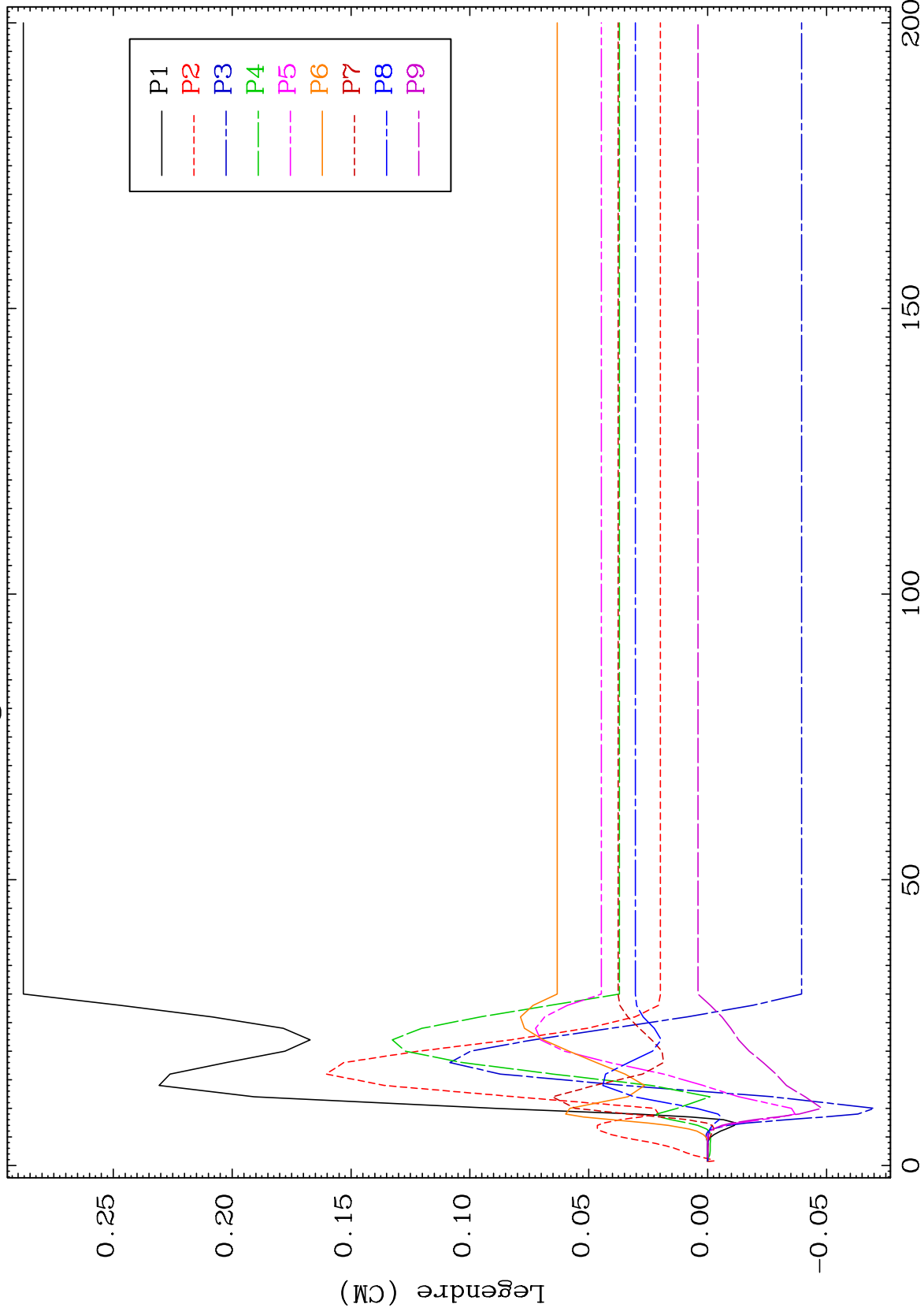




MAT 5016

MT= 53 (n,n') Level  
Legendre Coefficients

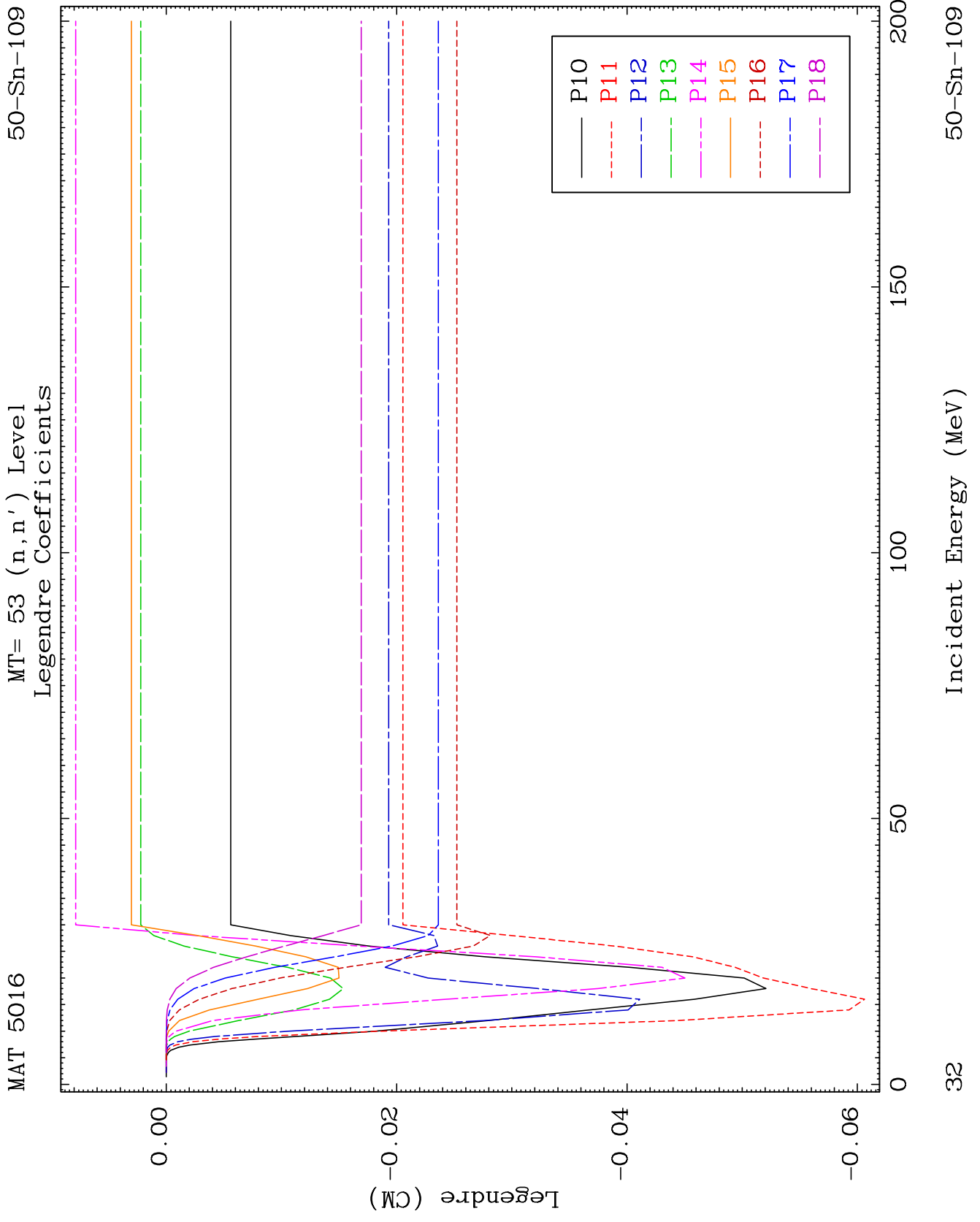
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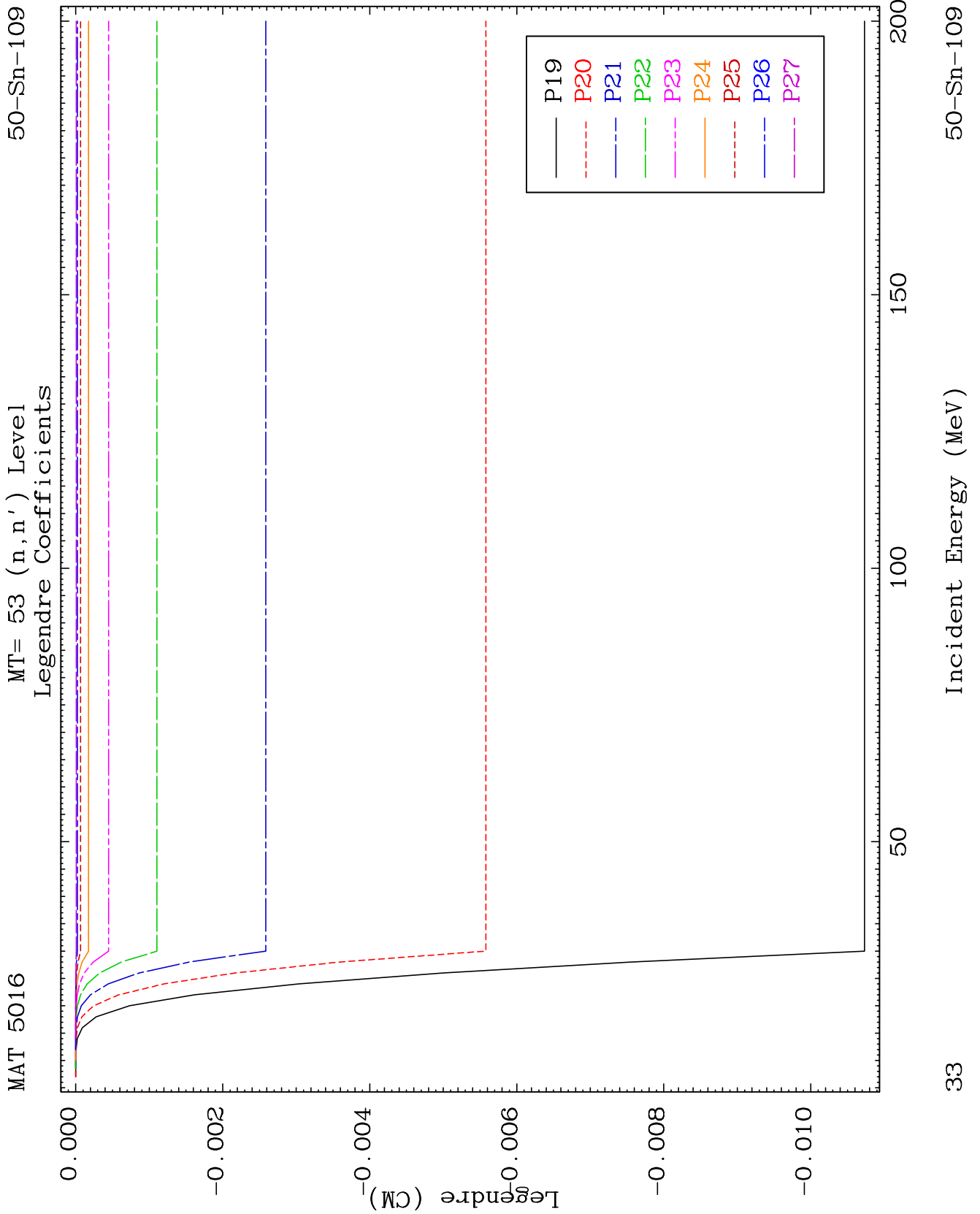


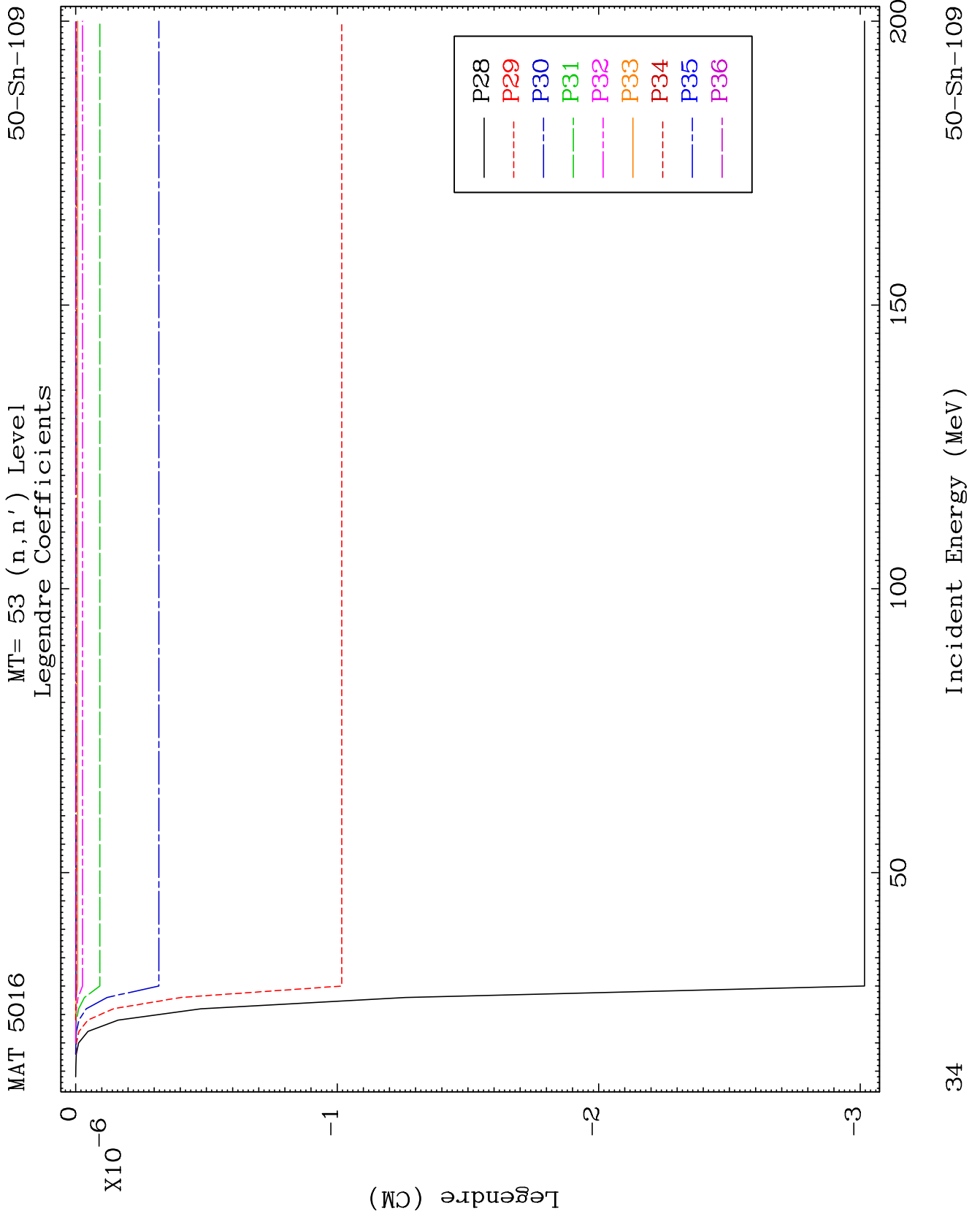
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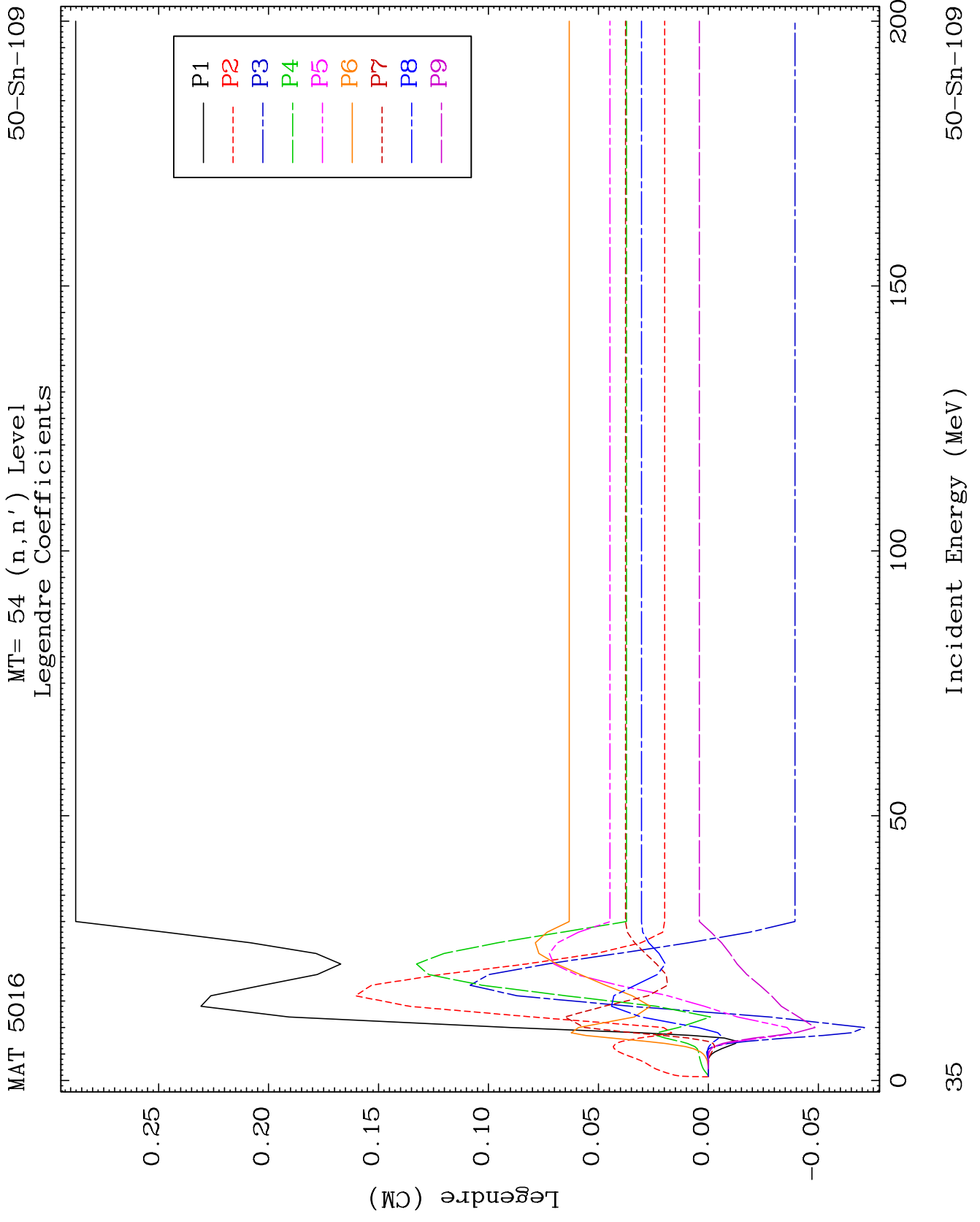
Incident Energy (MeV)

50-Sn-109

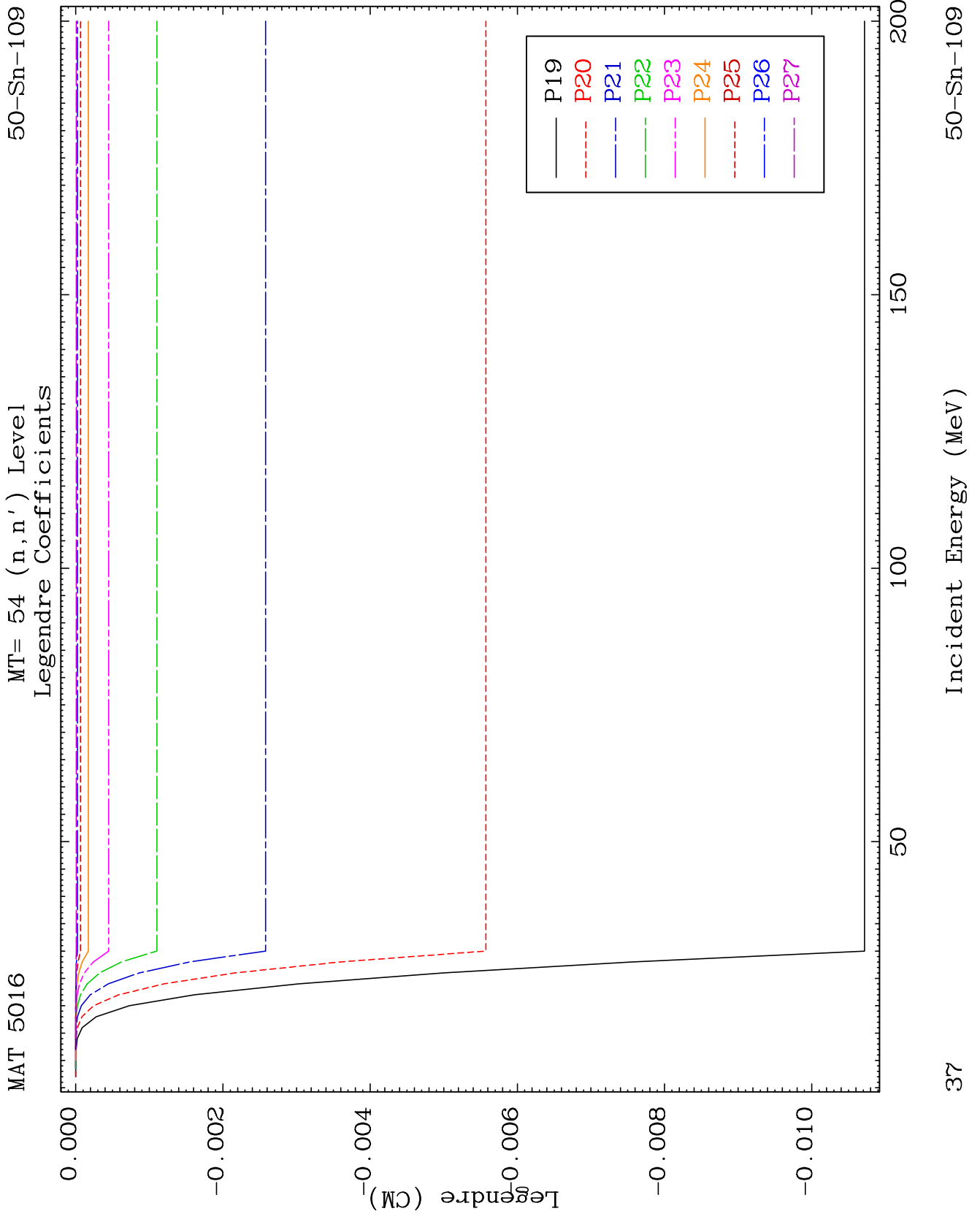


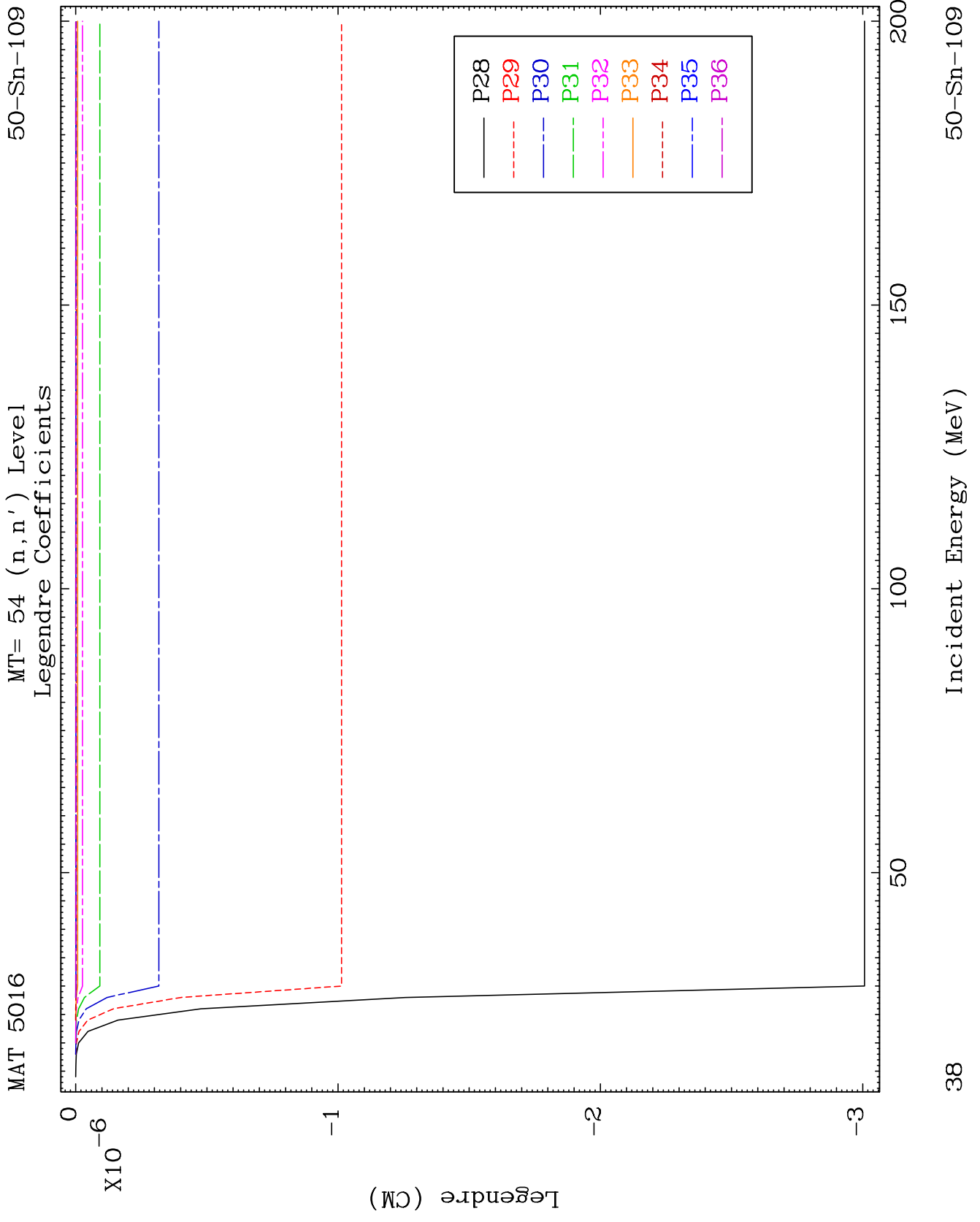


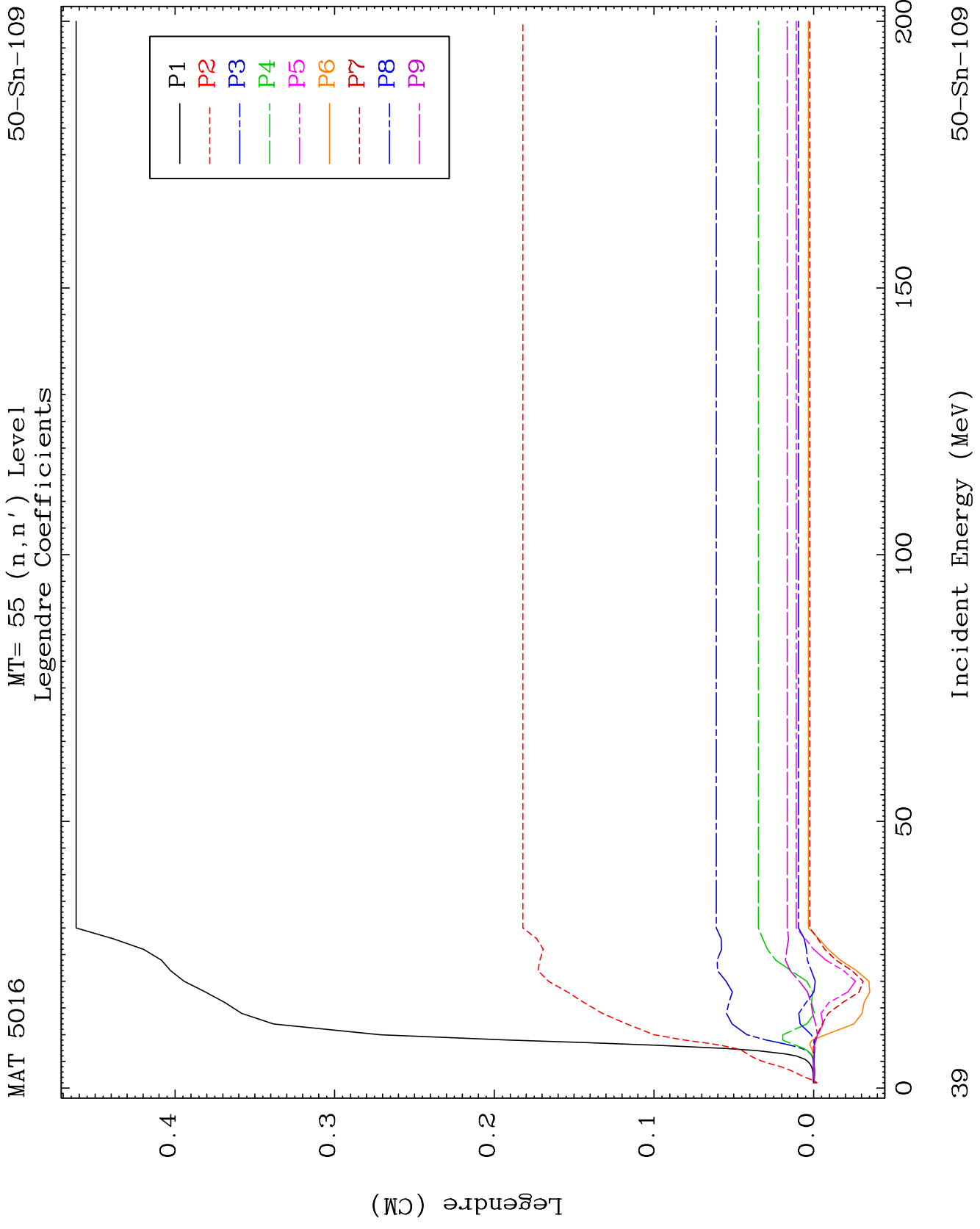


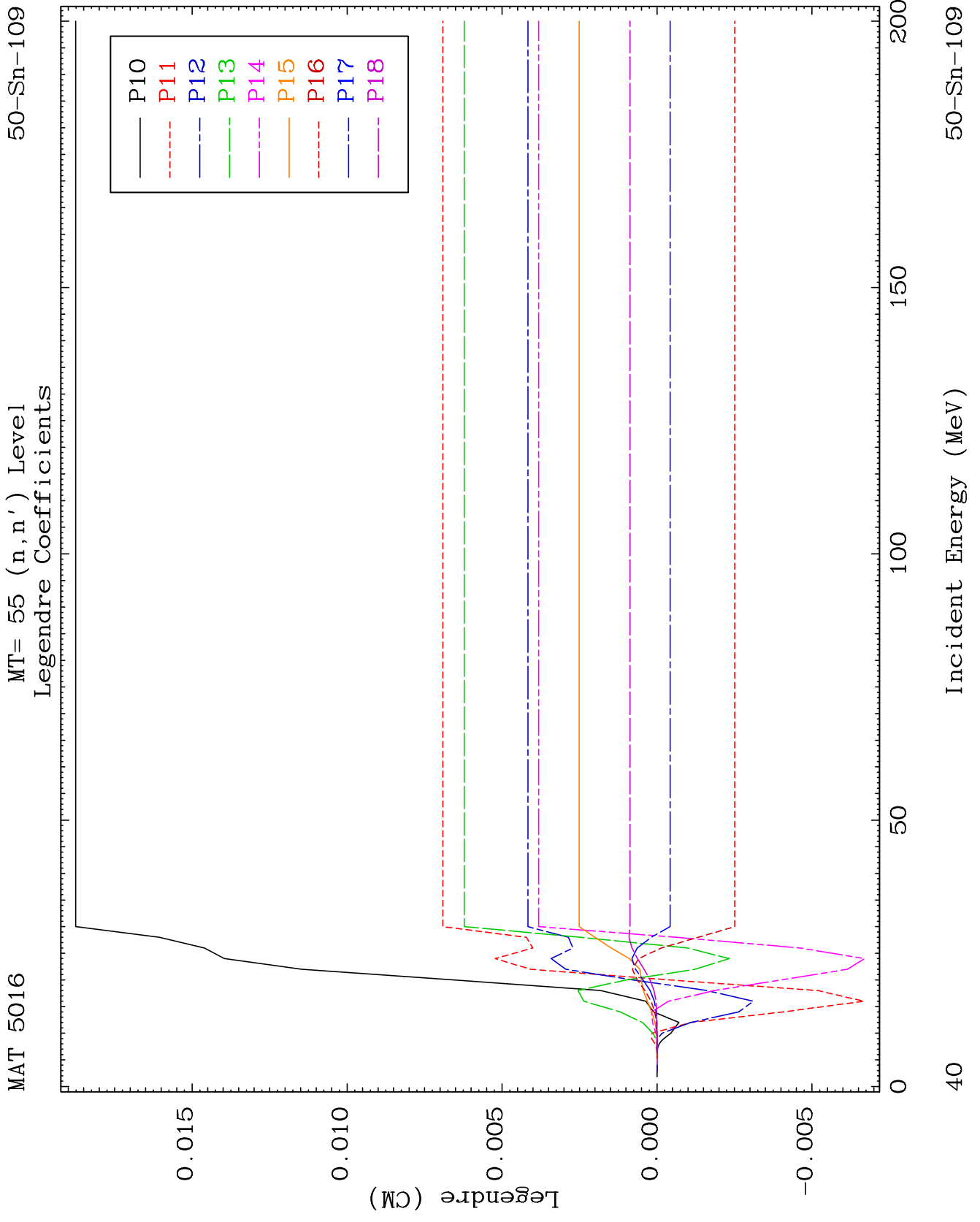








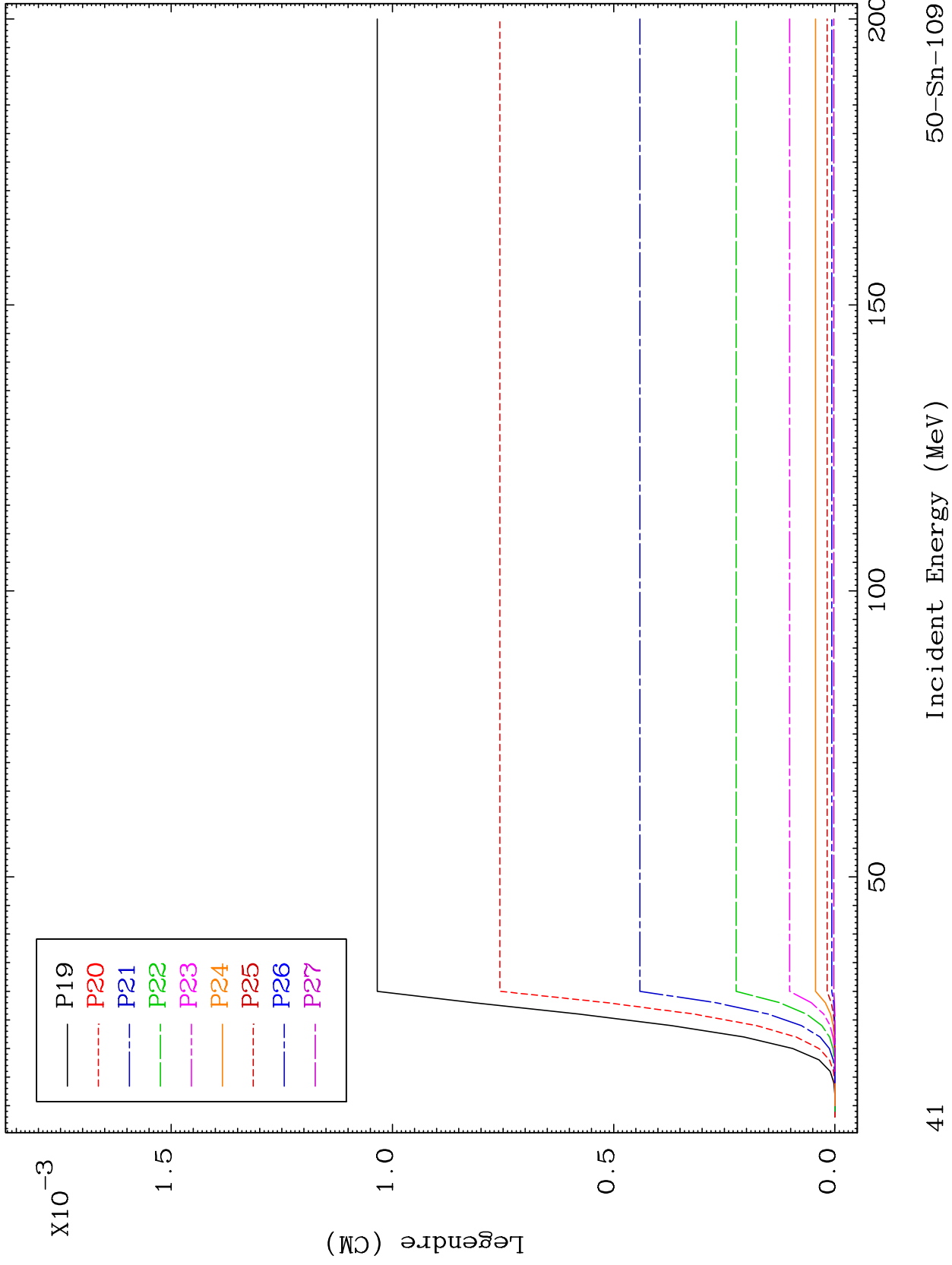




MAT 5016

MT= 55 (n,n') Level  
Legendre Coefficients

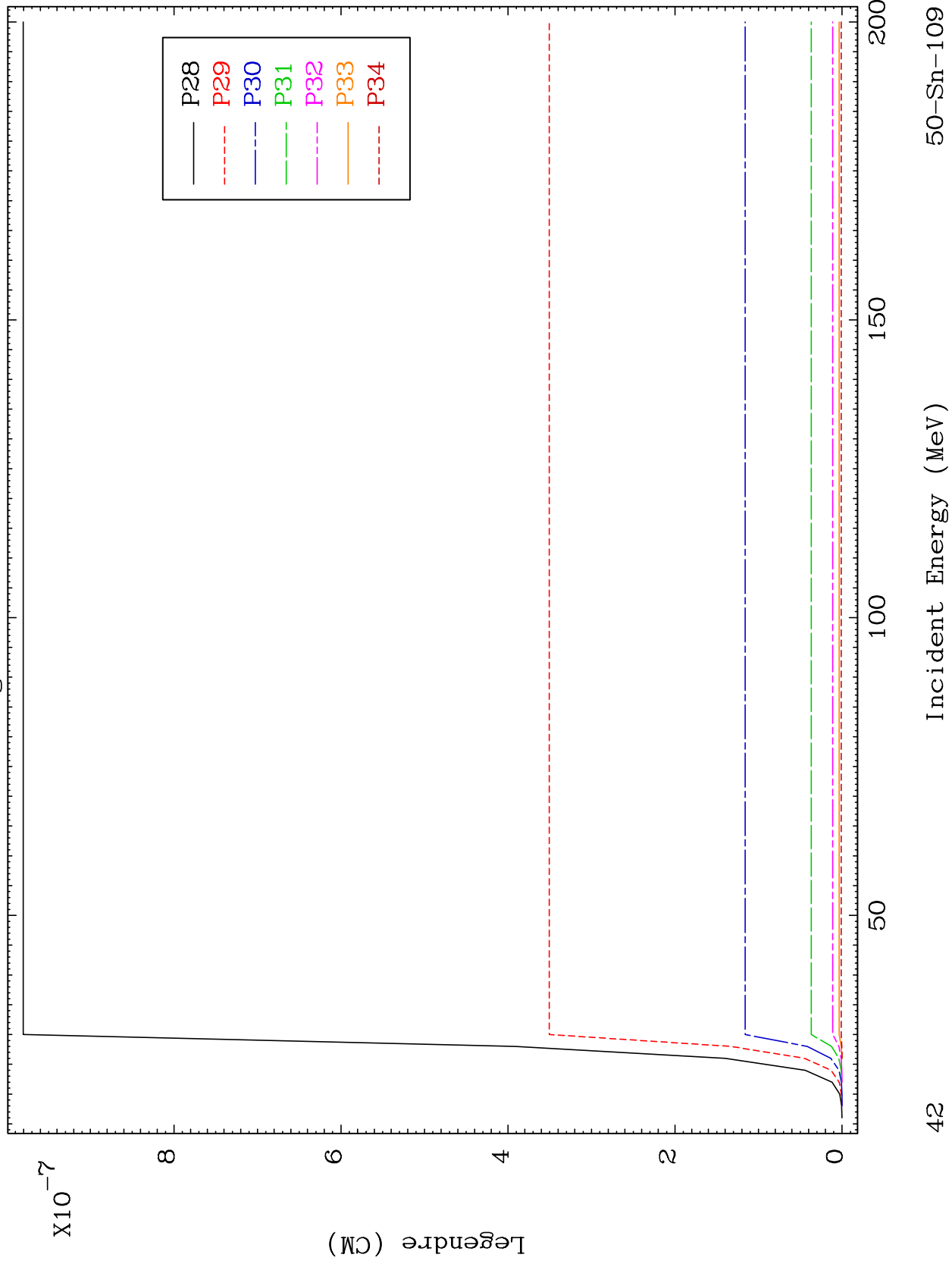
50-Sn-109



MAT 5016

MT= 55 (n,n') Level  
Legendre Coefficients

50-Sn-109

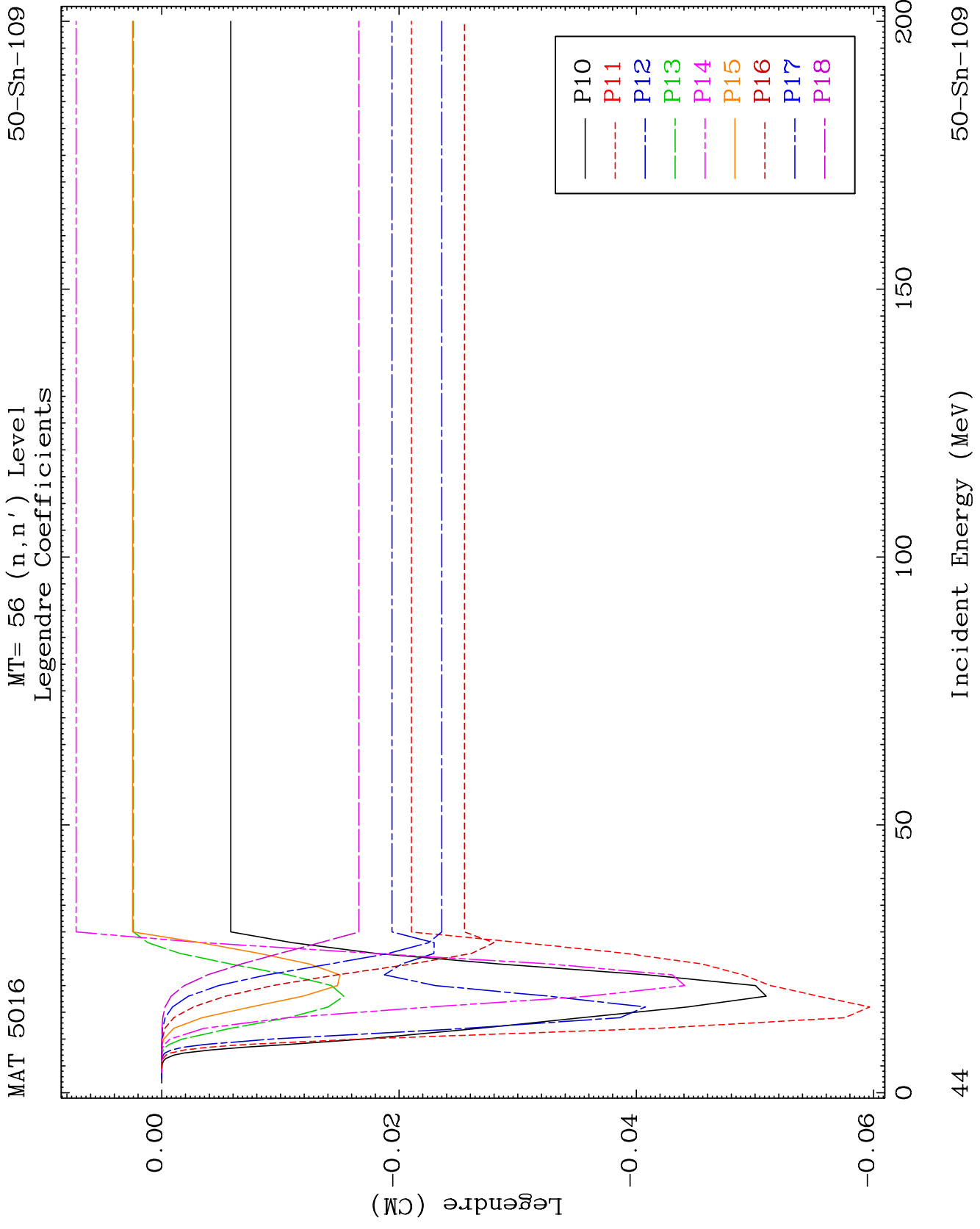


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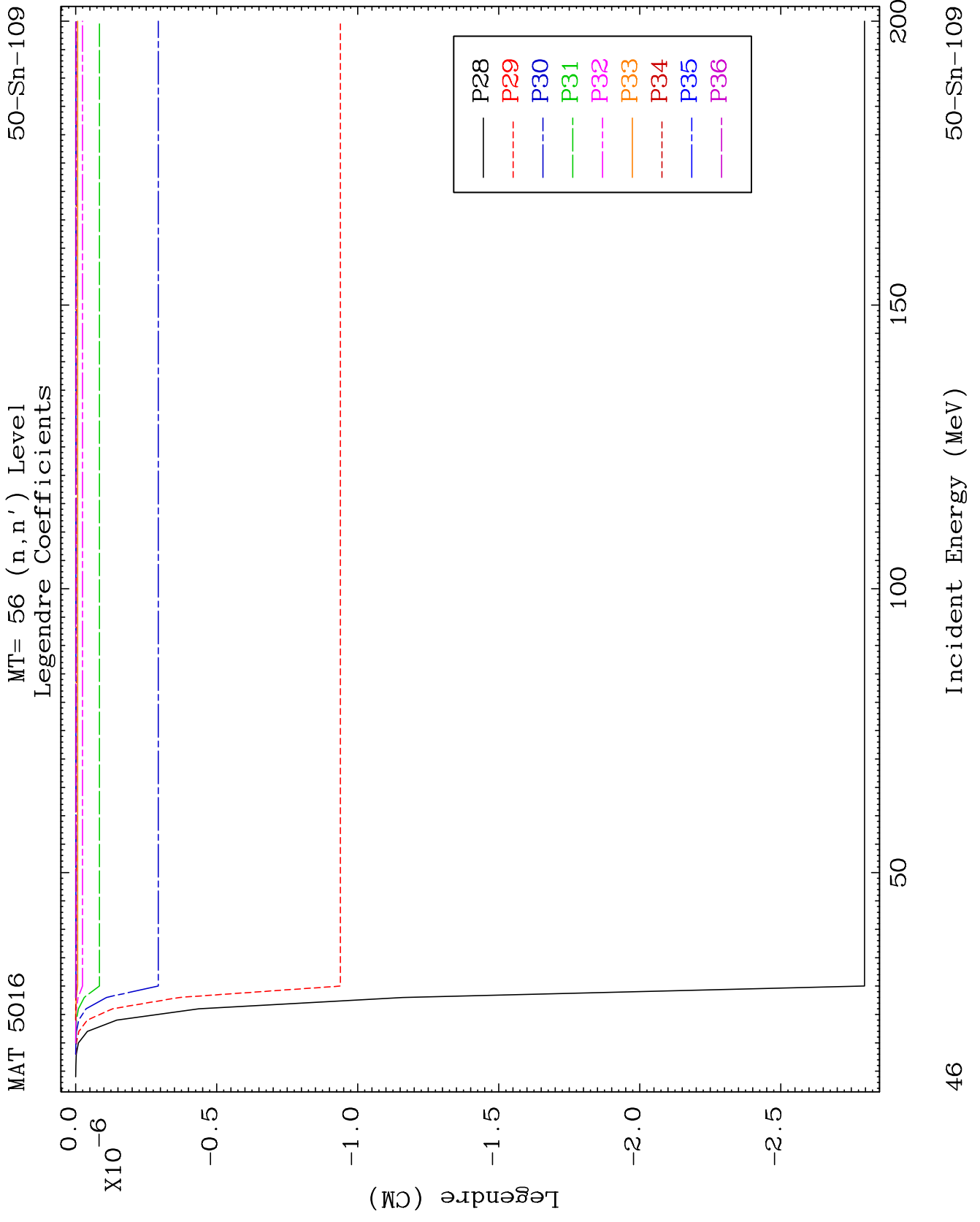
Incident Energy (MeV)

50-Sn-109

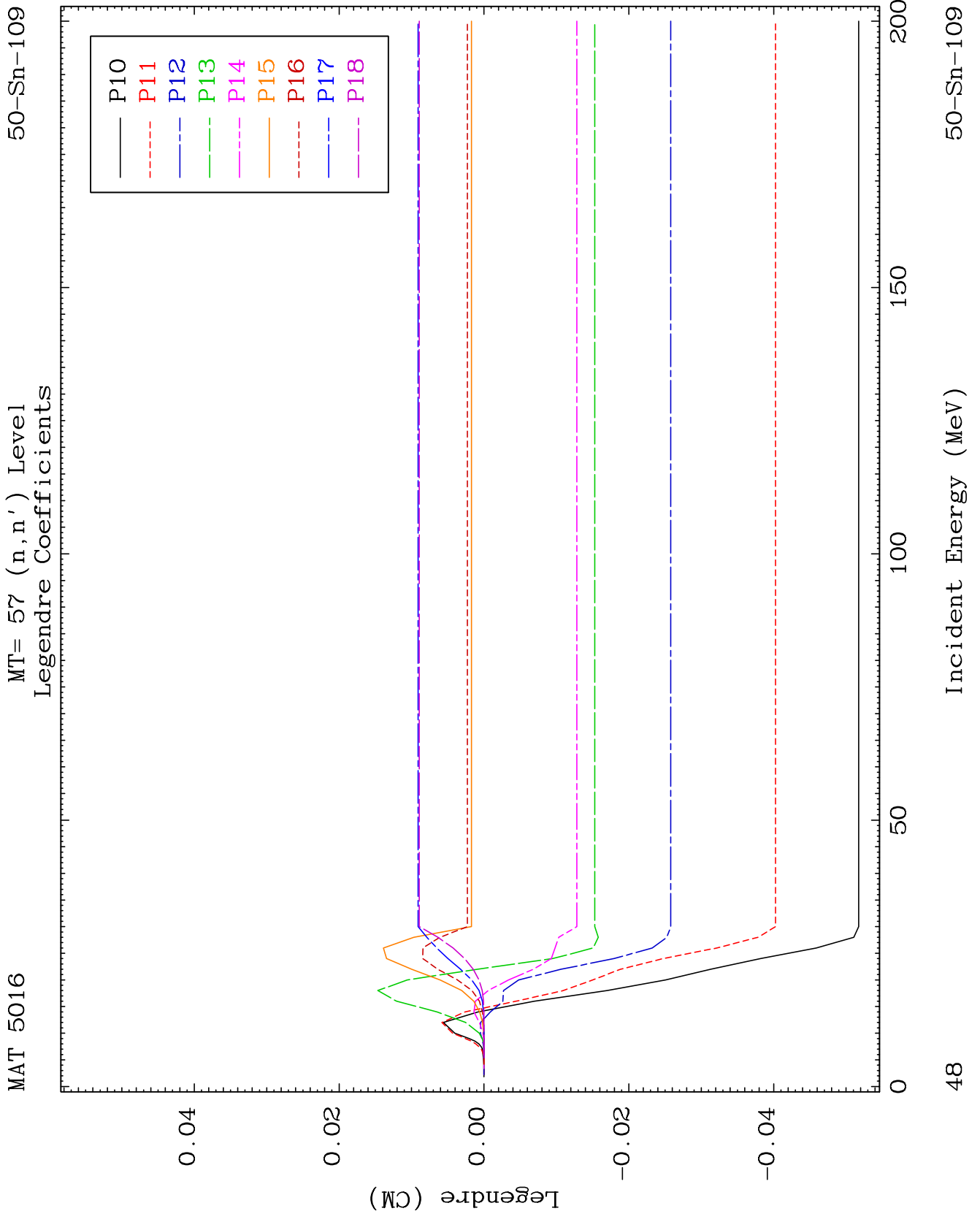








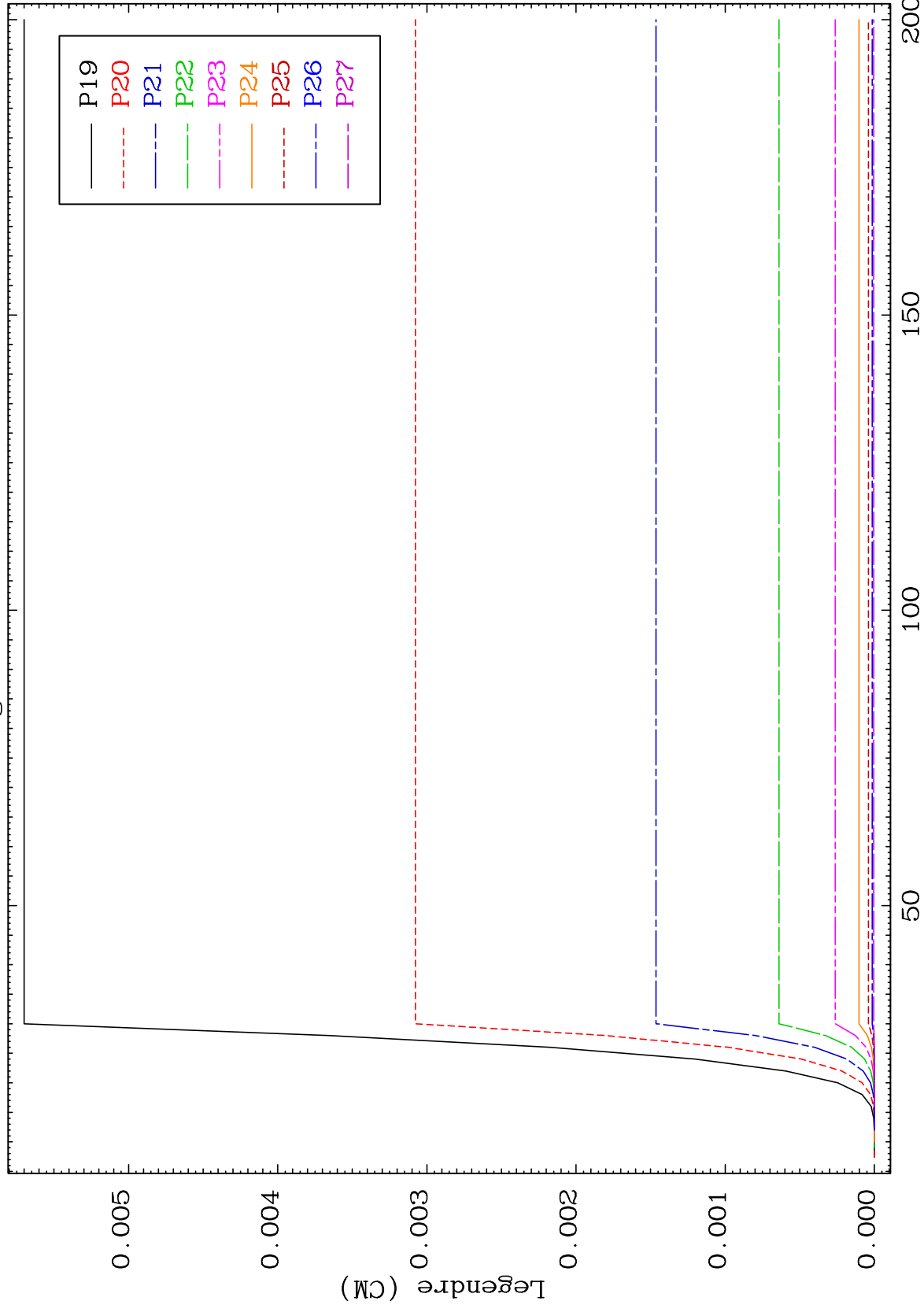




MAT 5016

MT= 57 (n,n') Level  
Legendre Coefficients

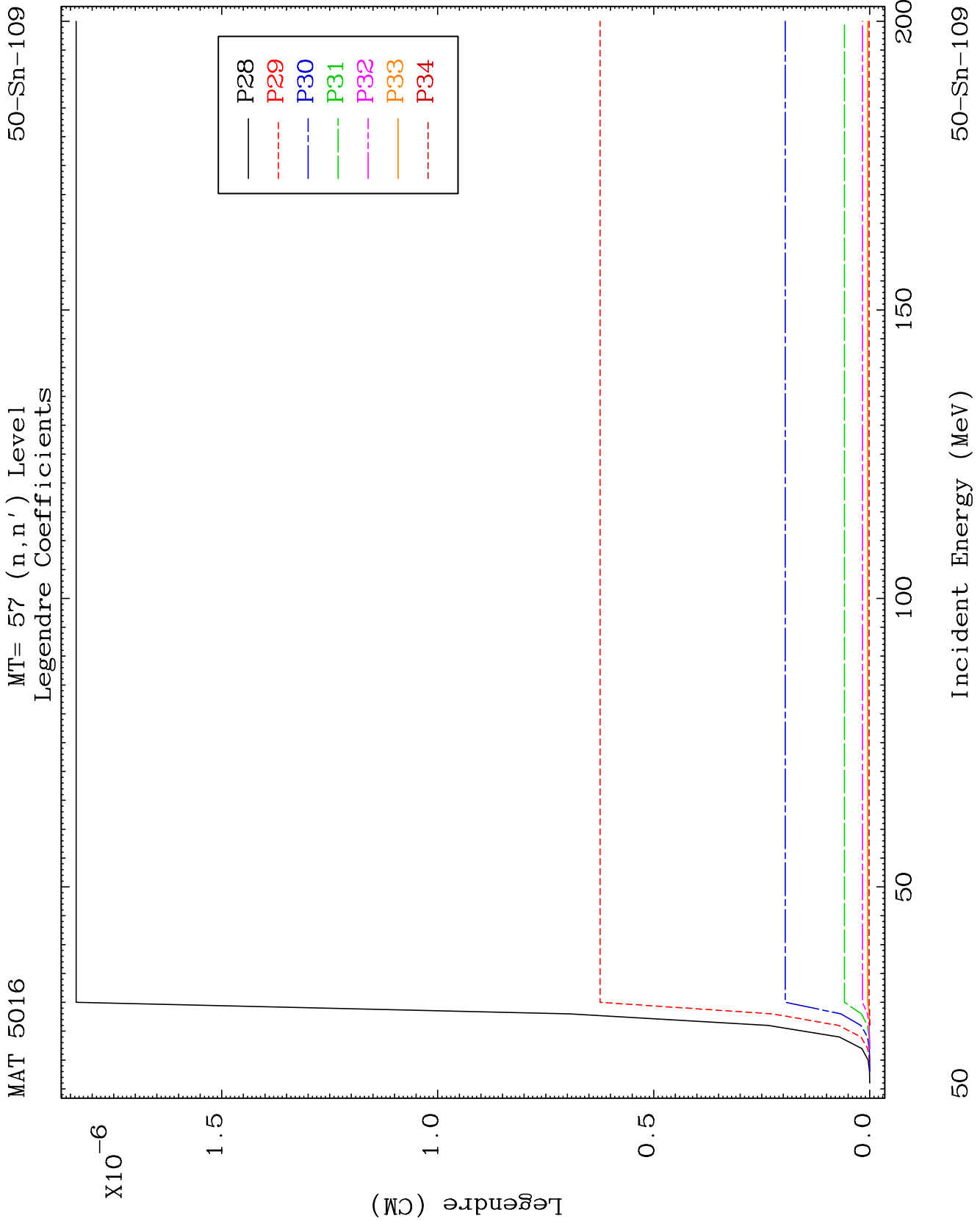
50-Sn-109



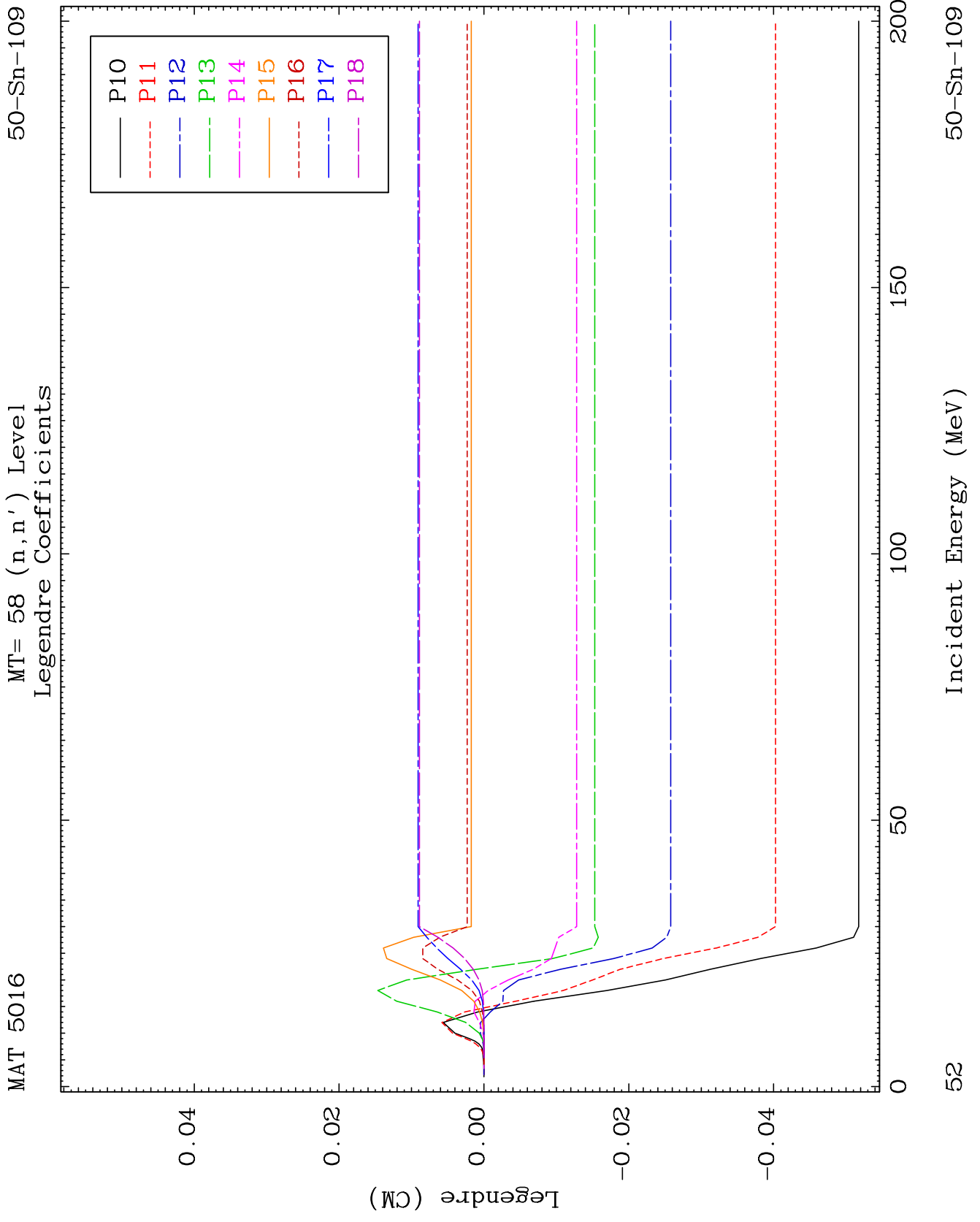
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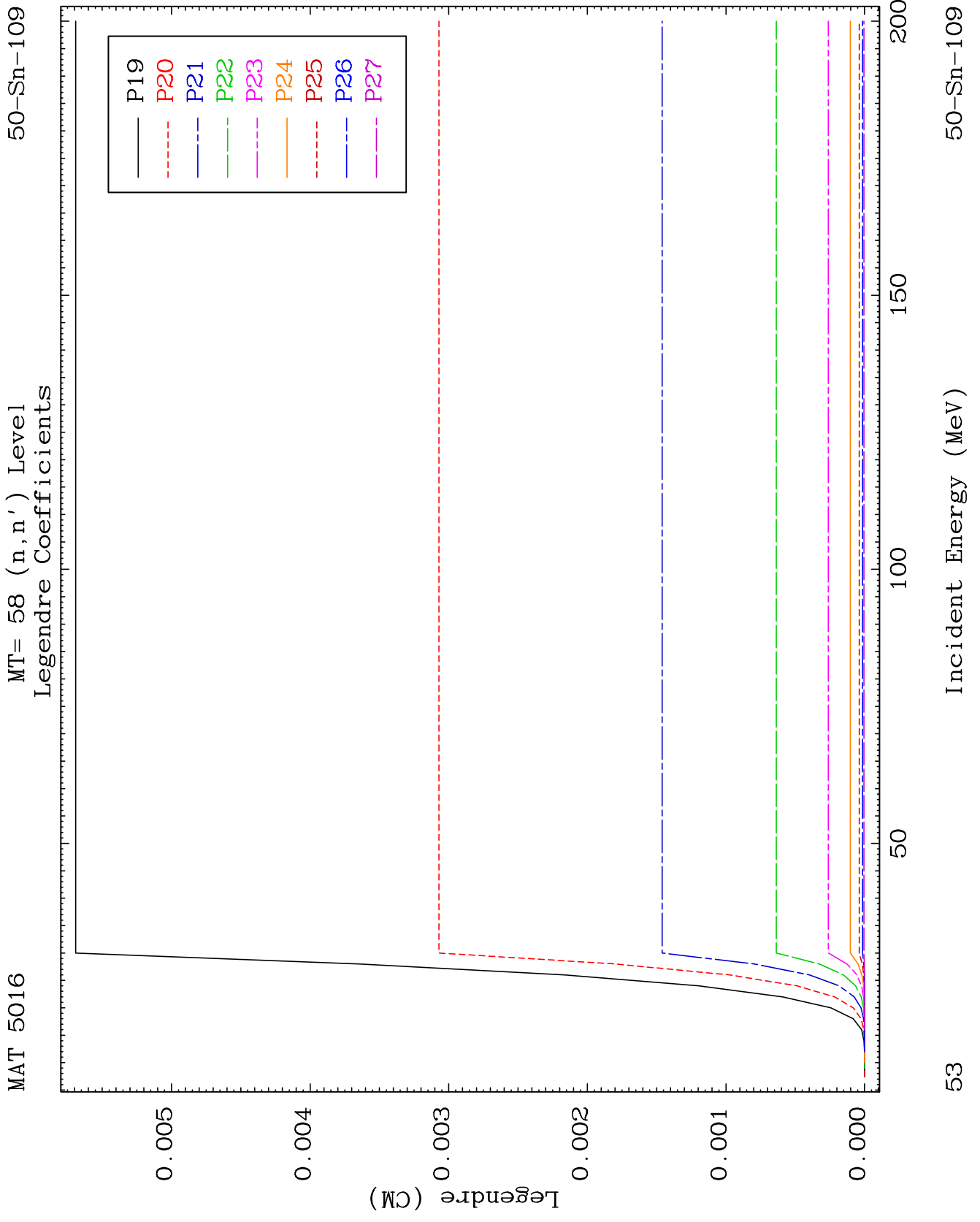
Incident Energy (MeV)

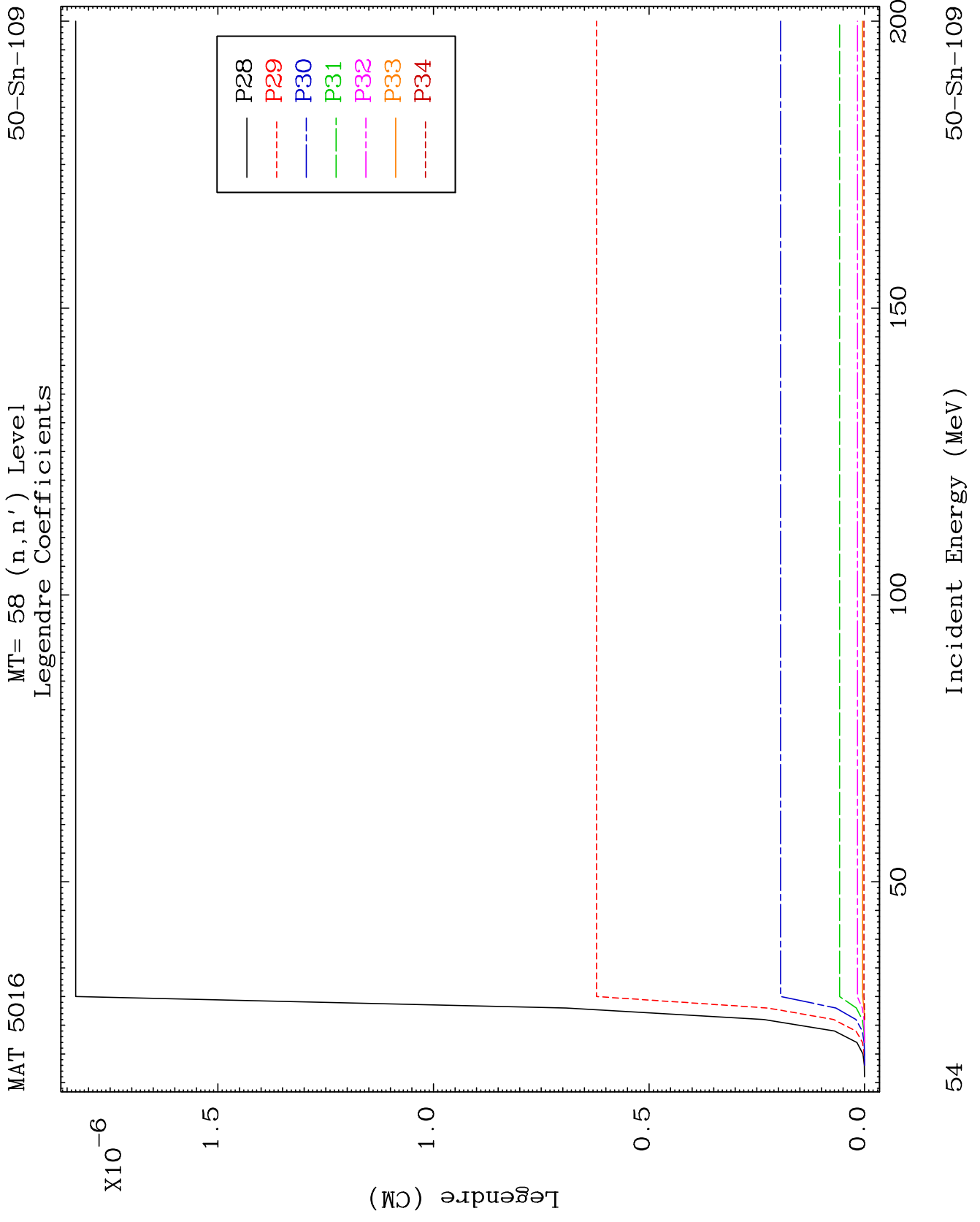
50-Sn-109



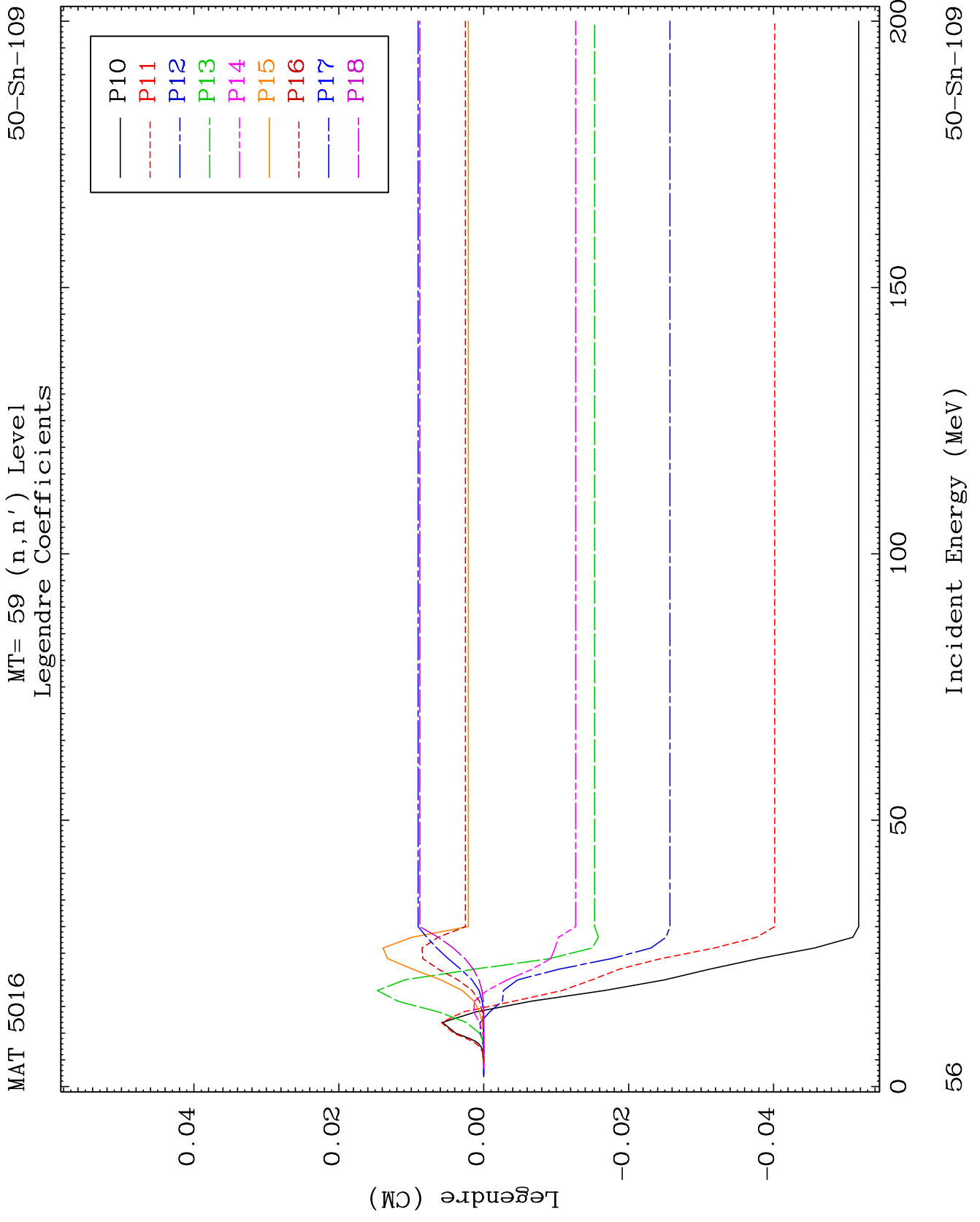


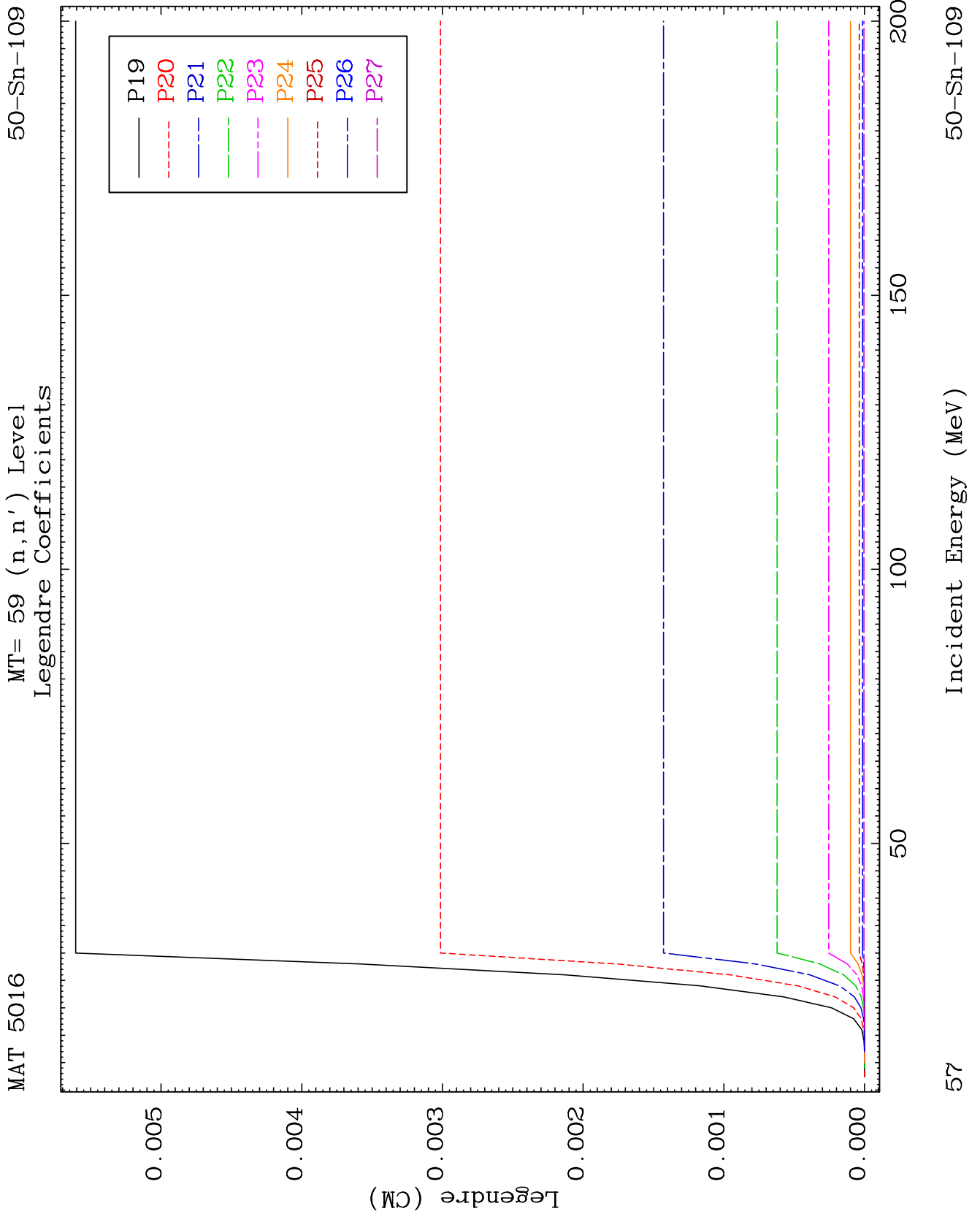


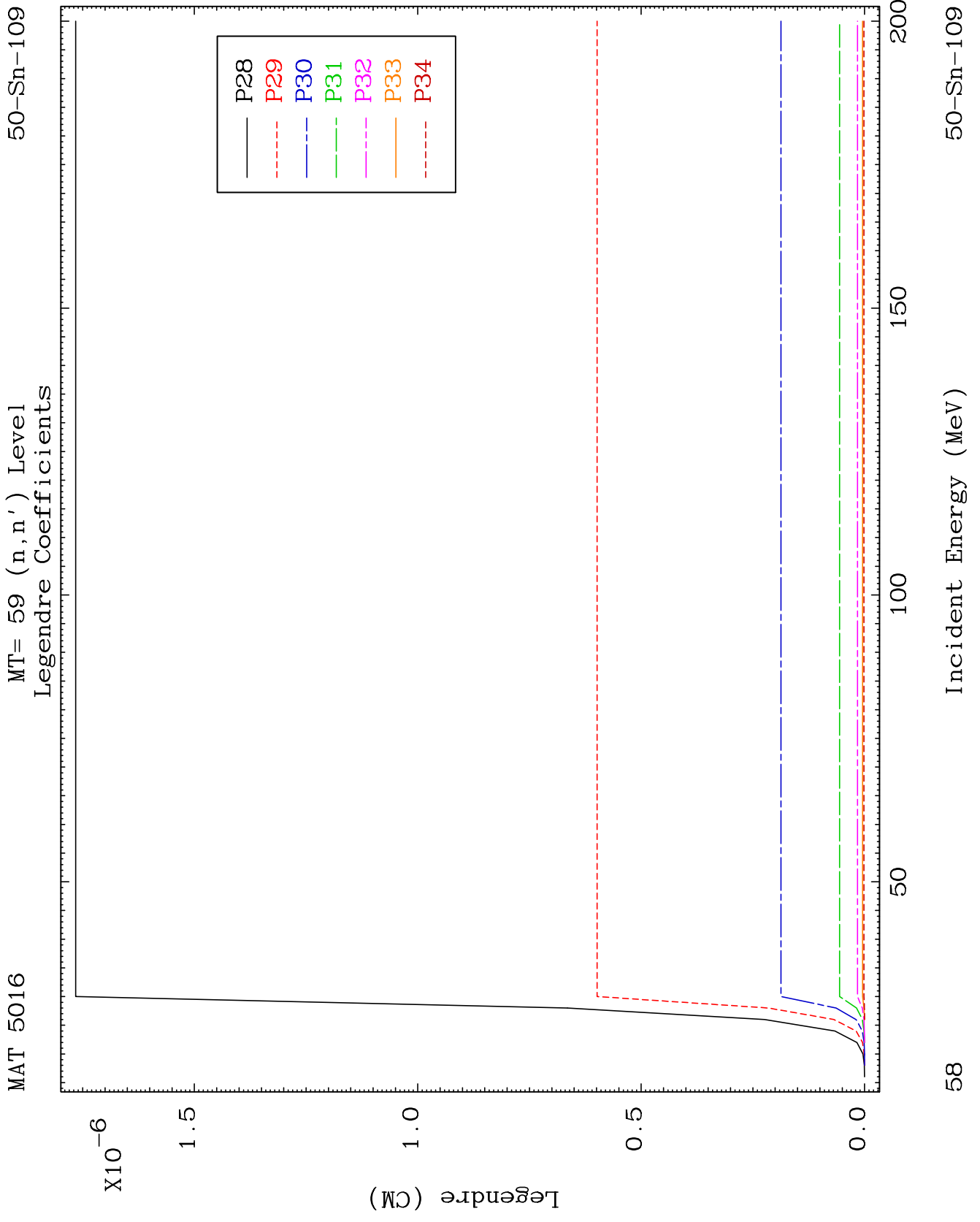


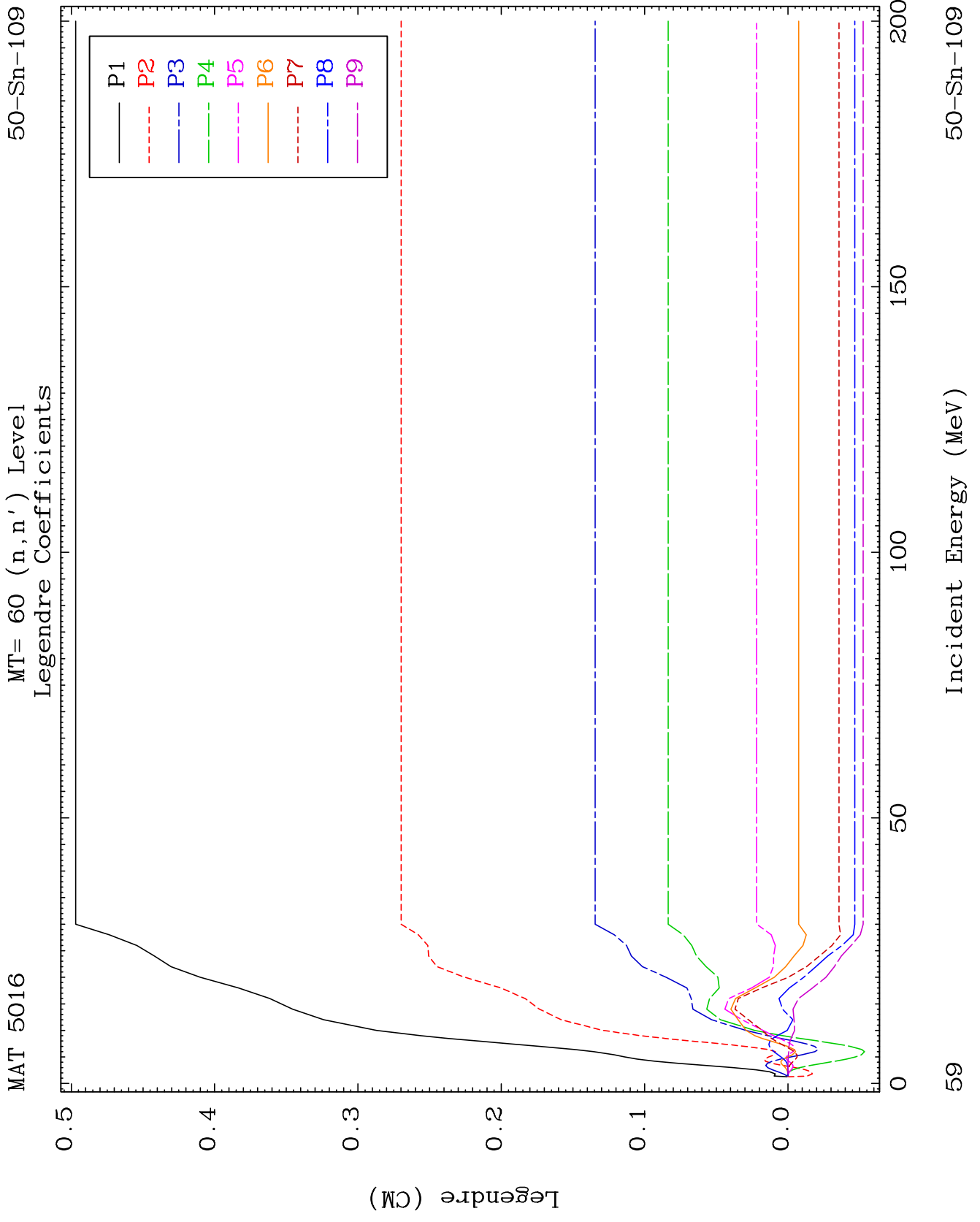




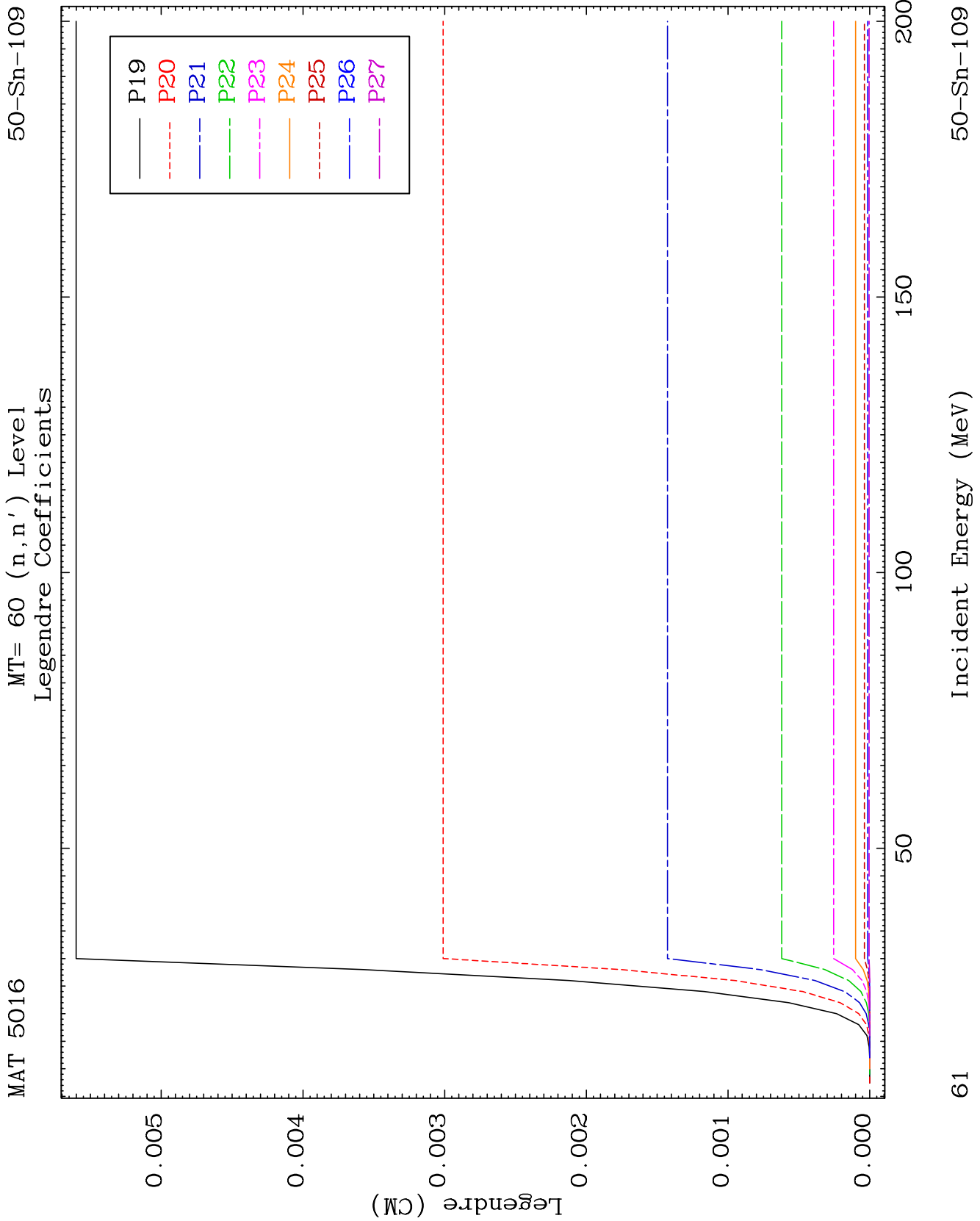


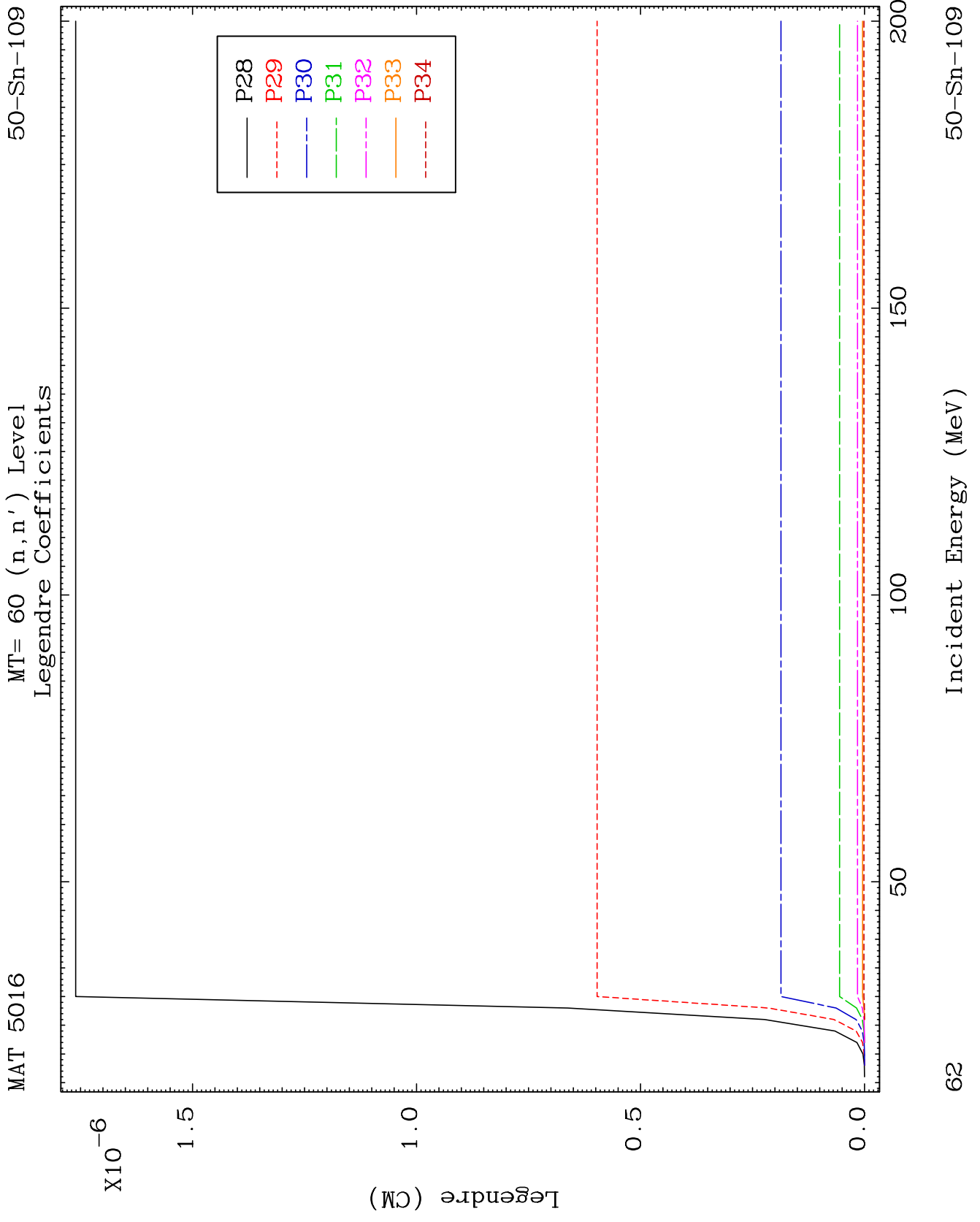


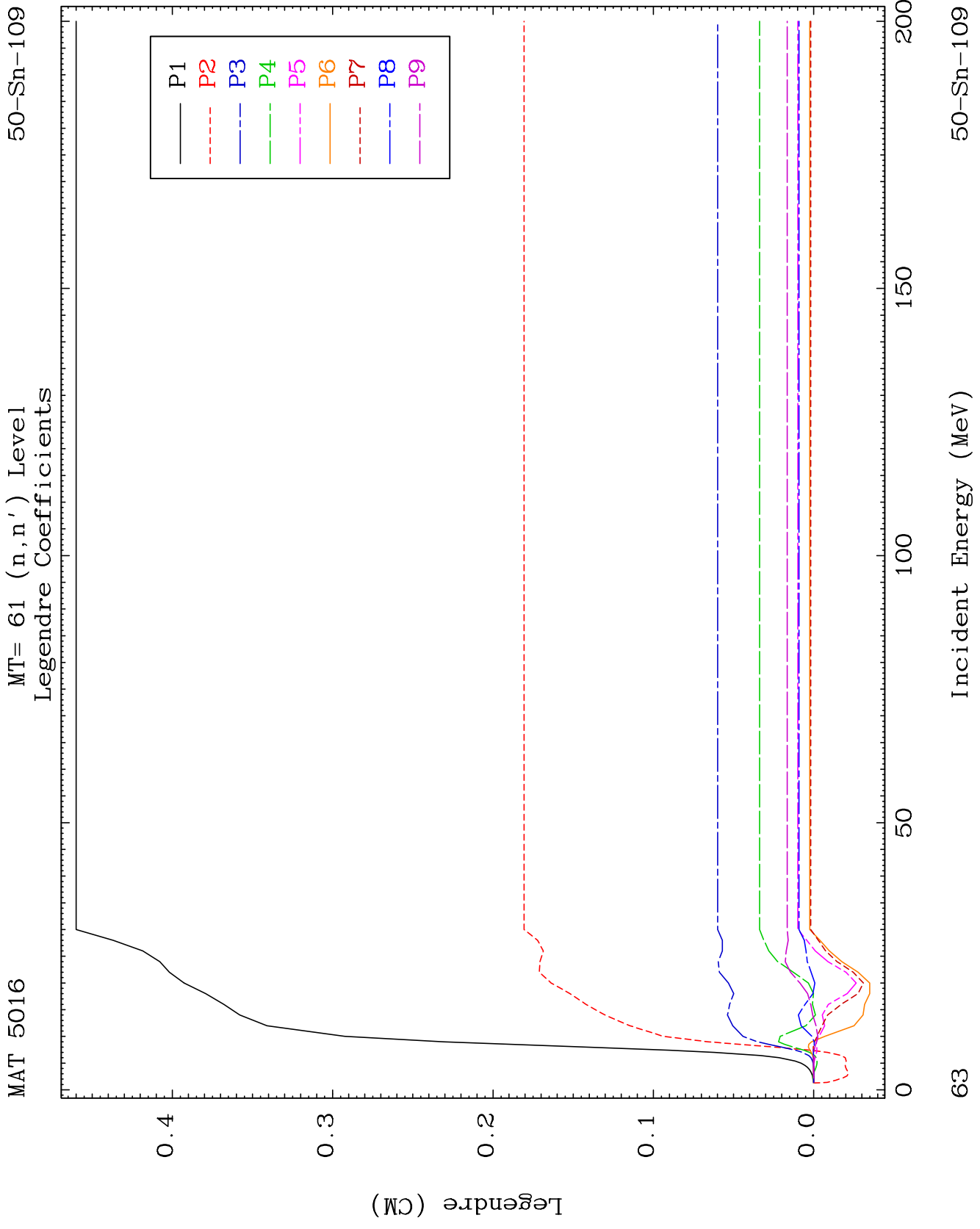










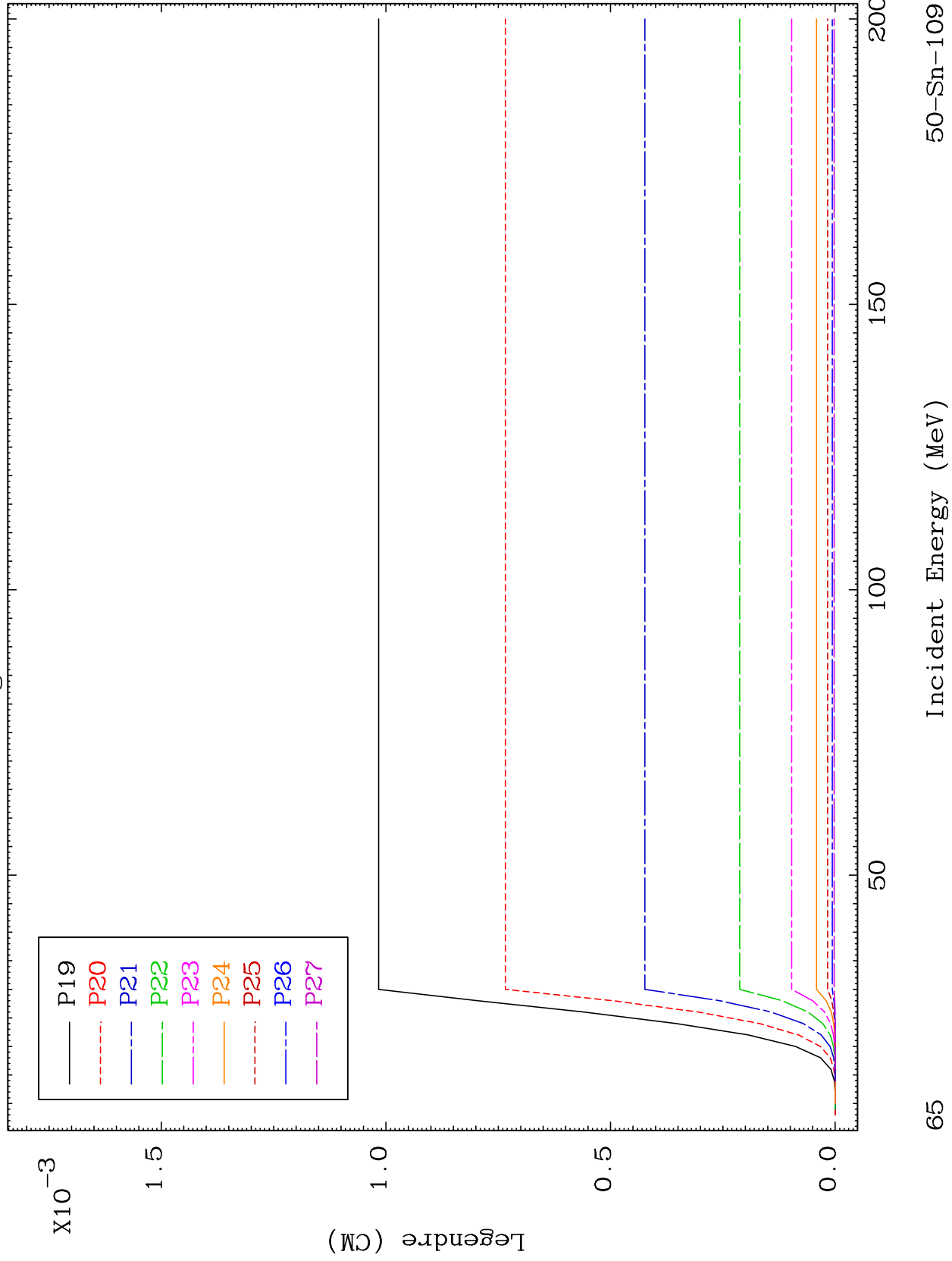




MAT 5016

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

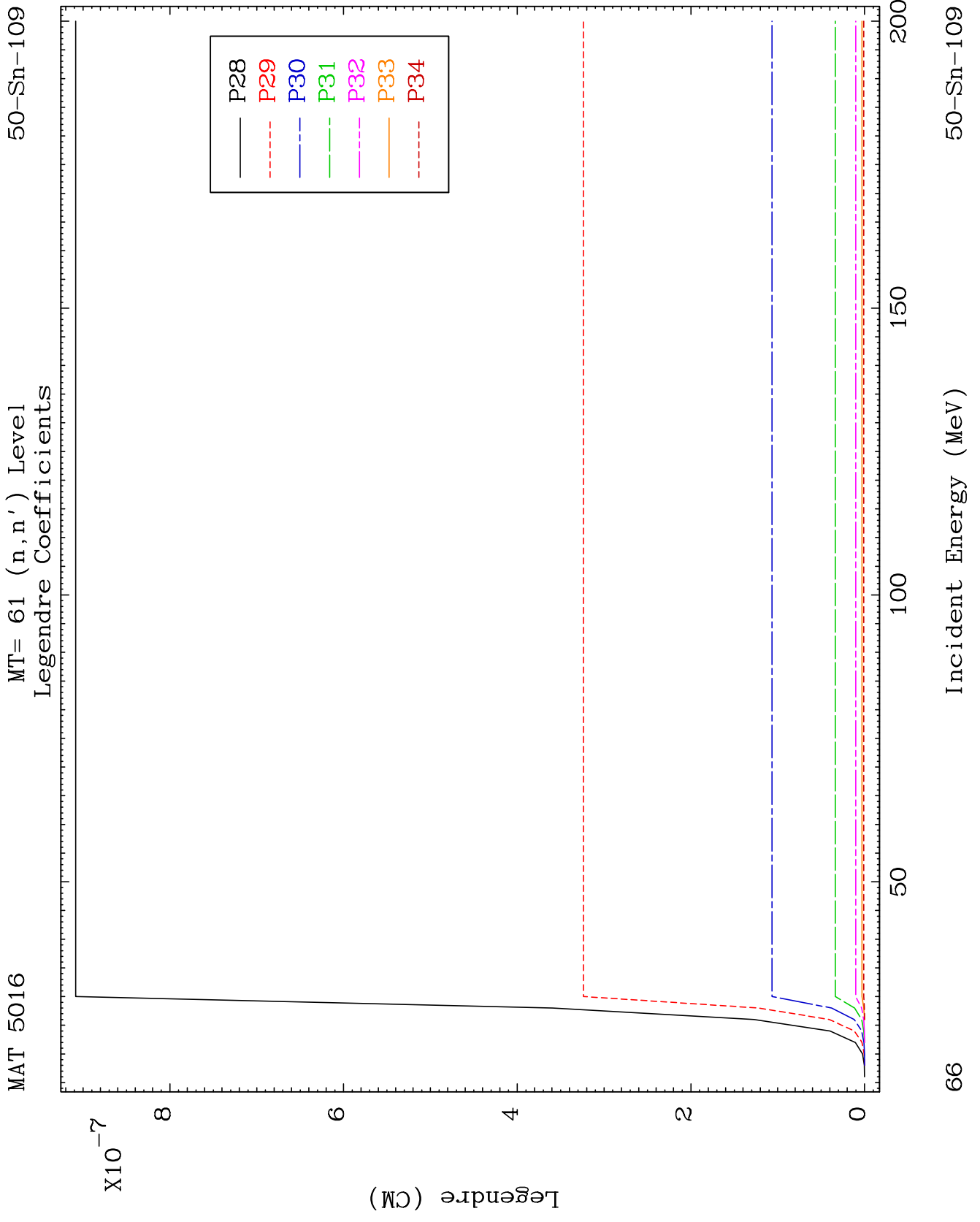
50-Sn-109



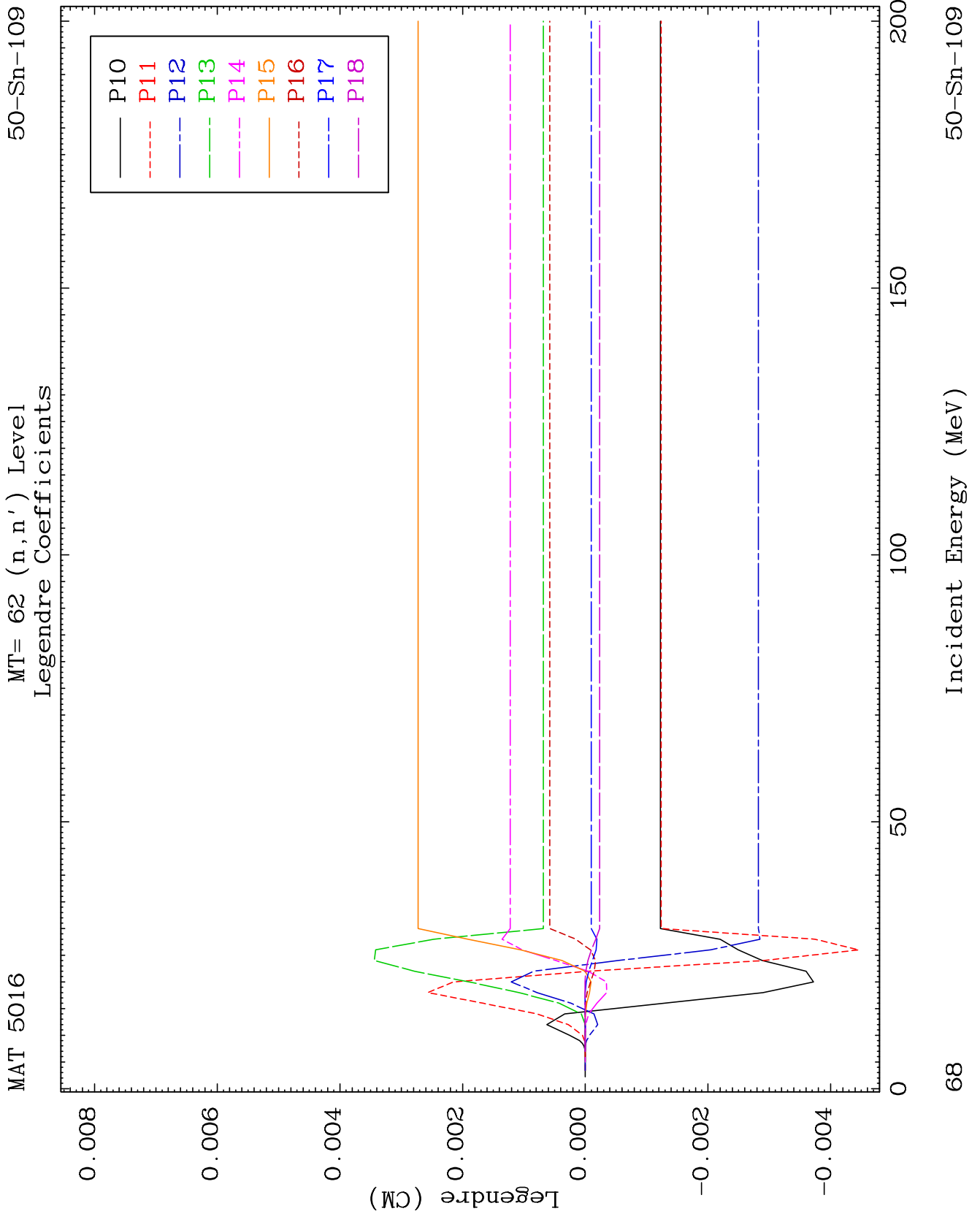
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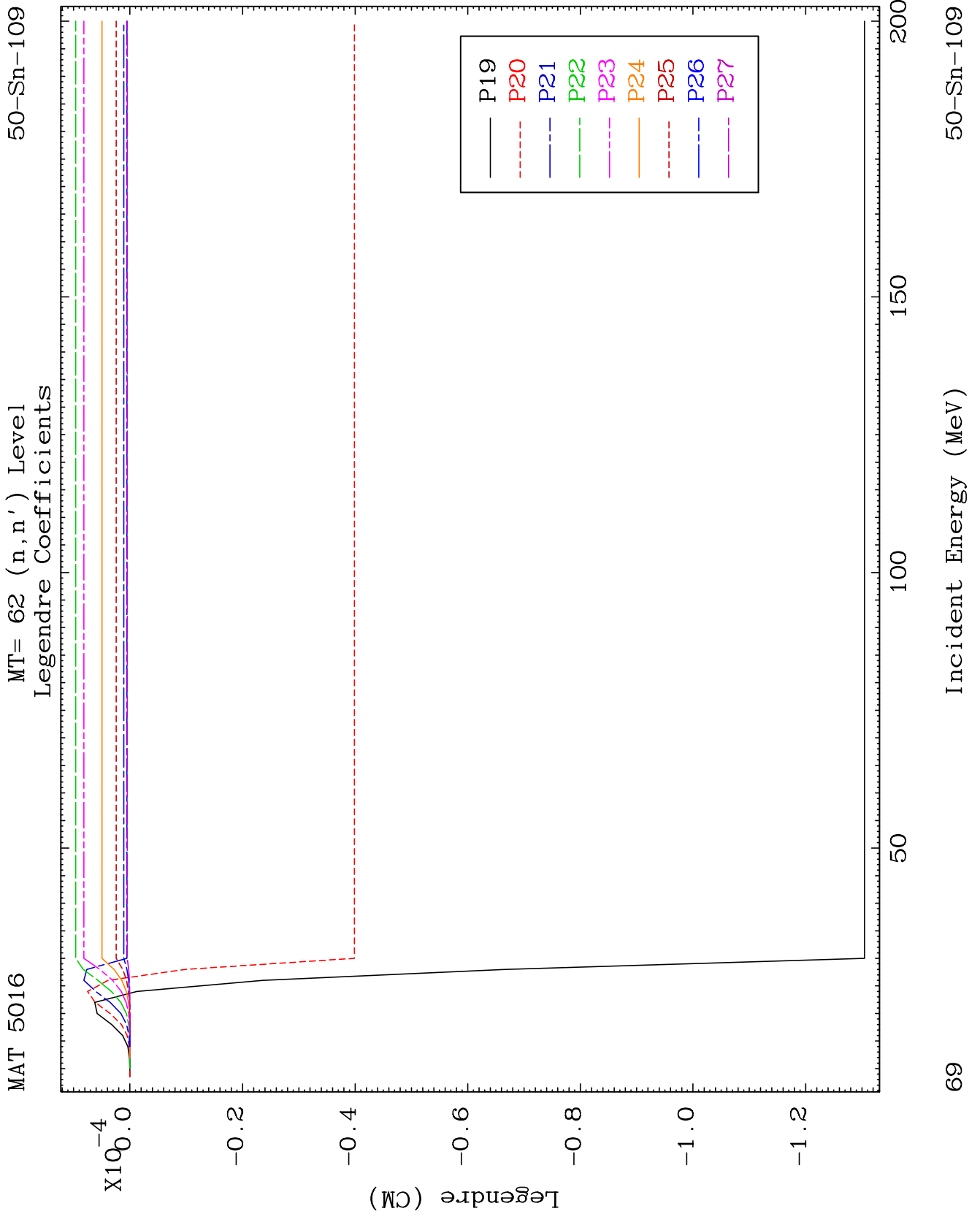
Incident Energy (MeV)

50-Sn-109





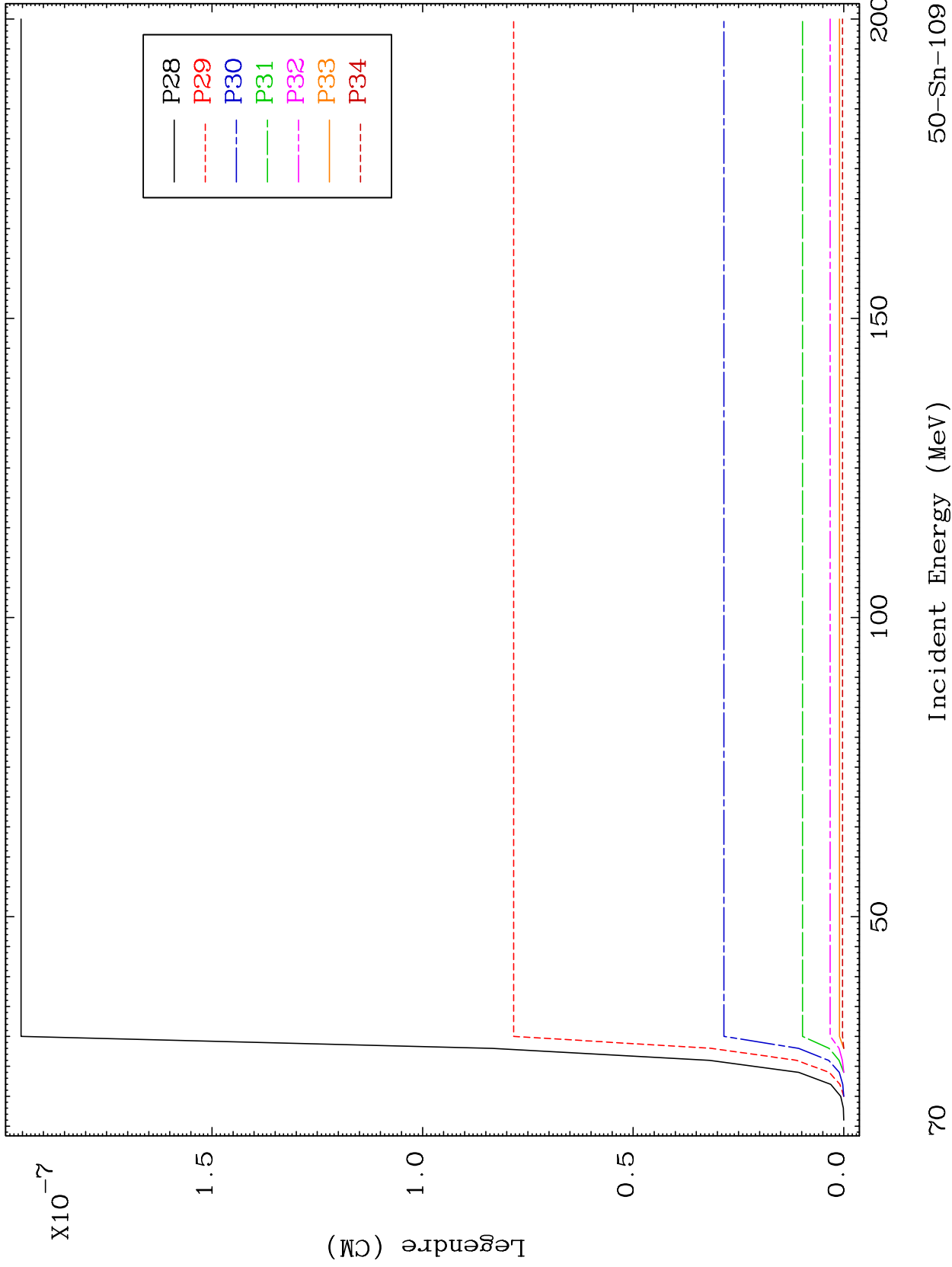




MAT 5016

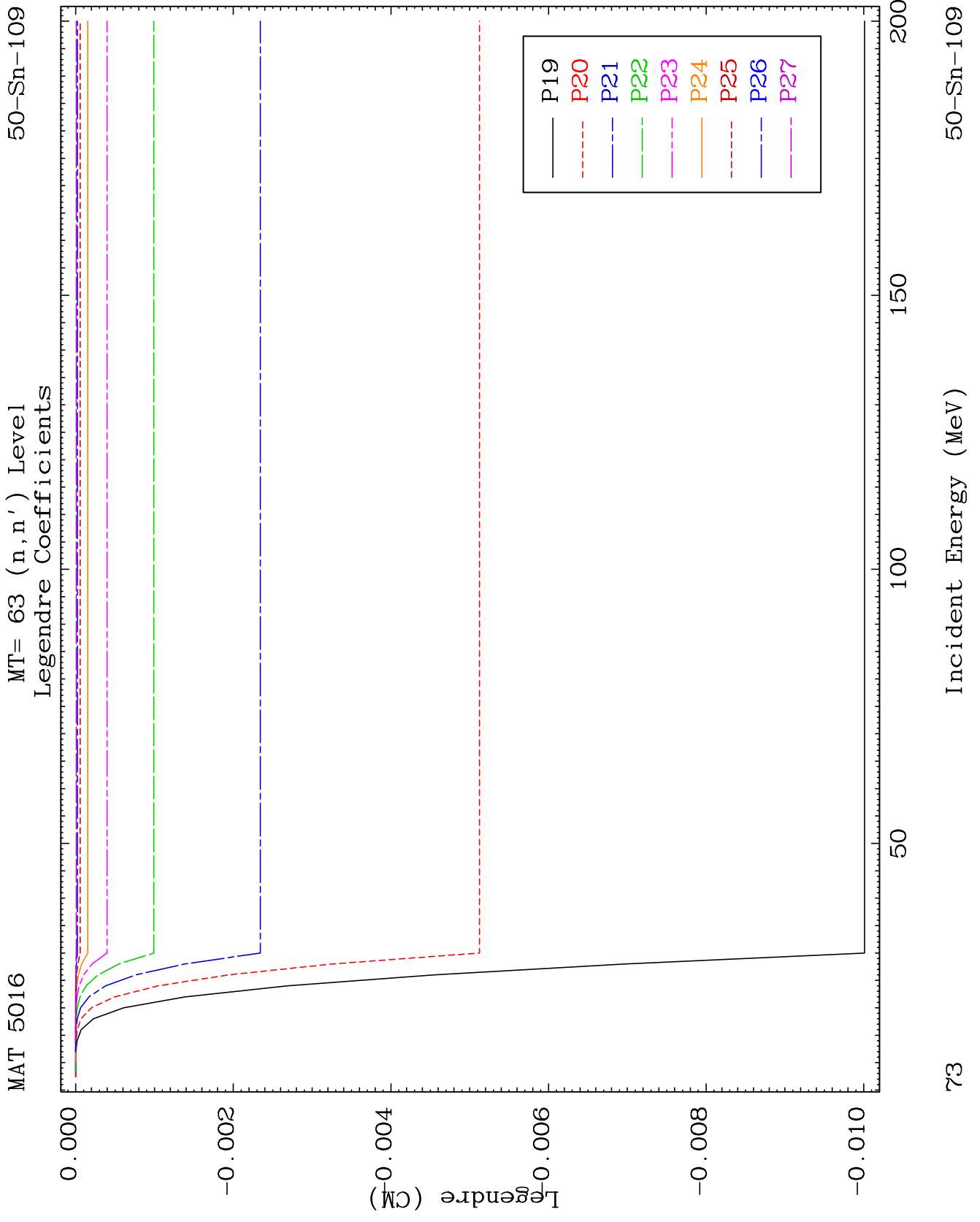
MT= 62 (n,n') Level  
Legendre Coefficients

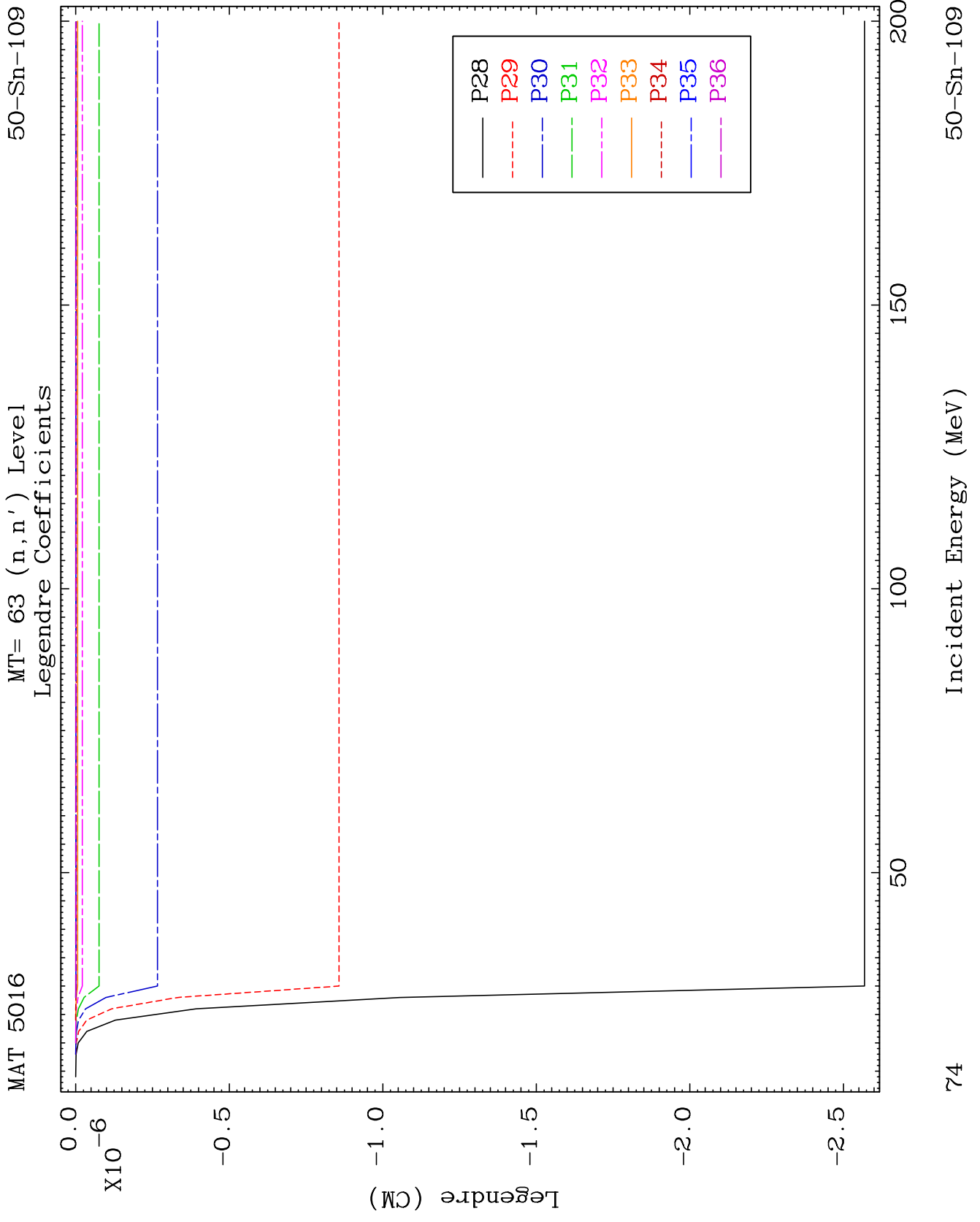
50-Sn-109

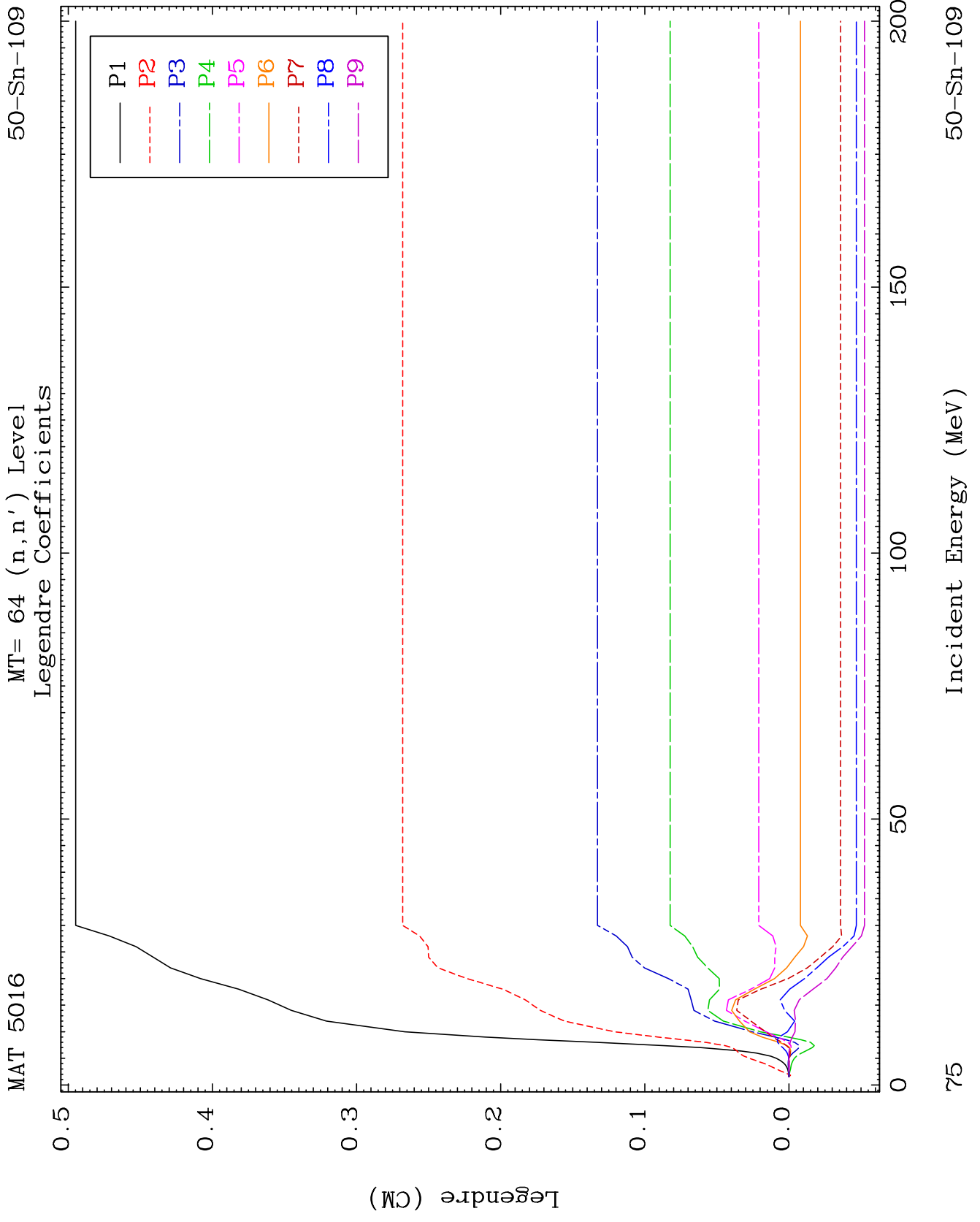


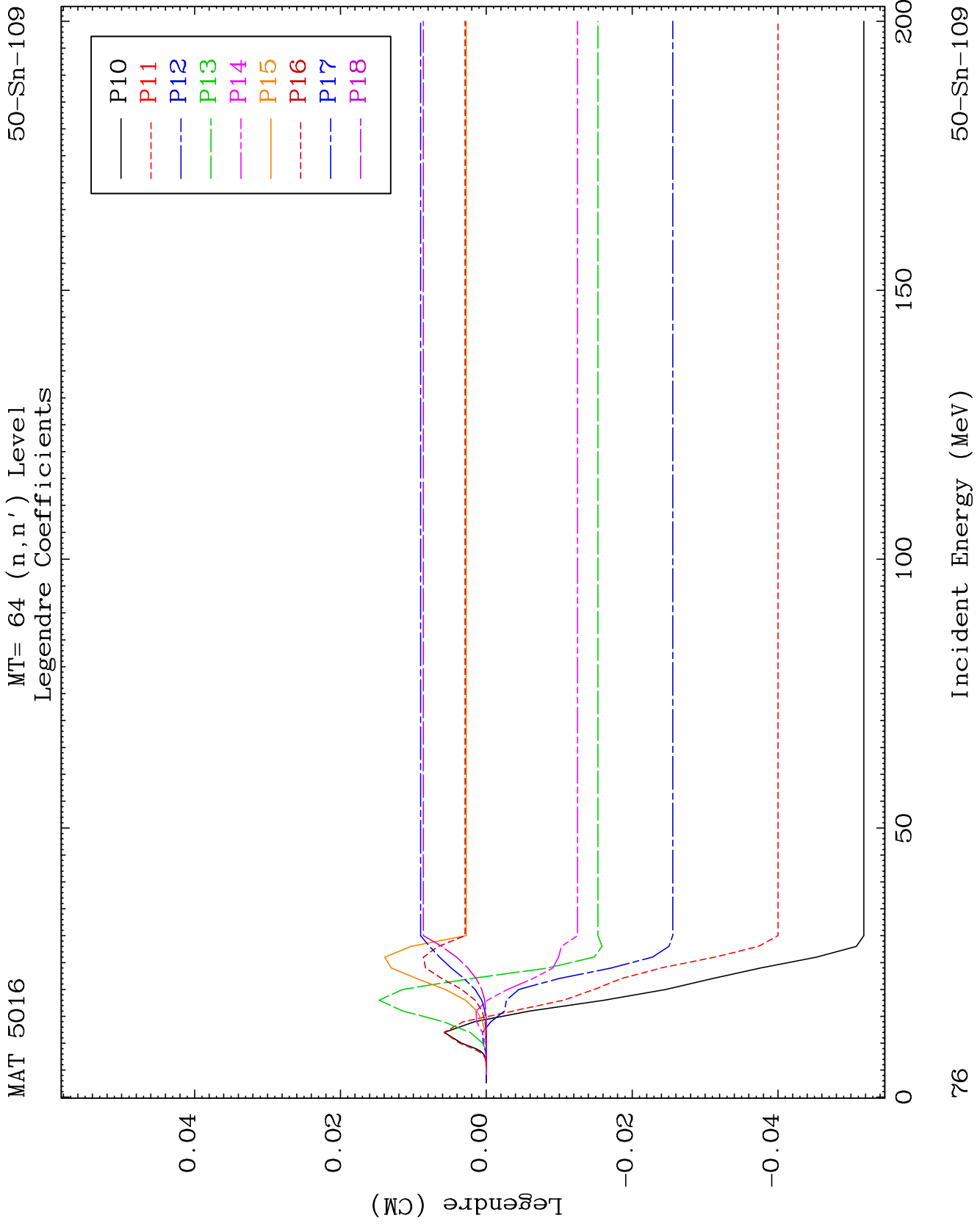


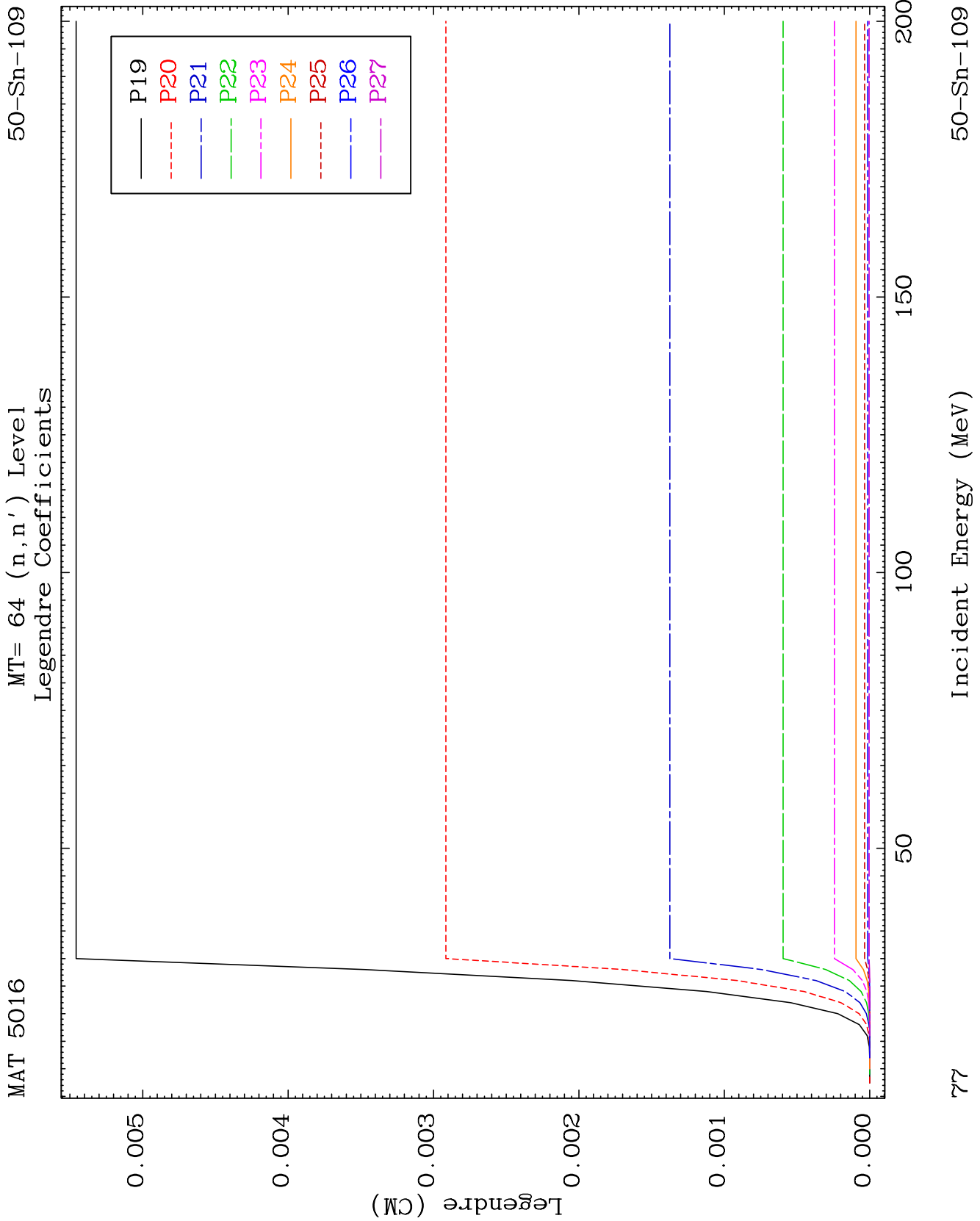




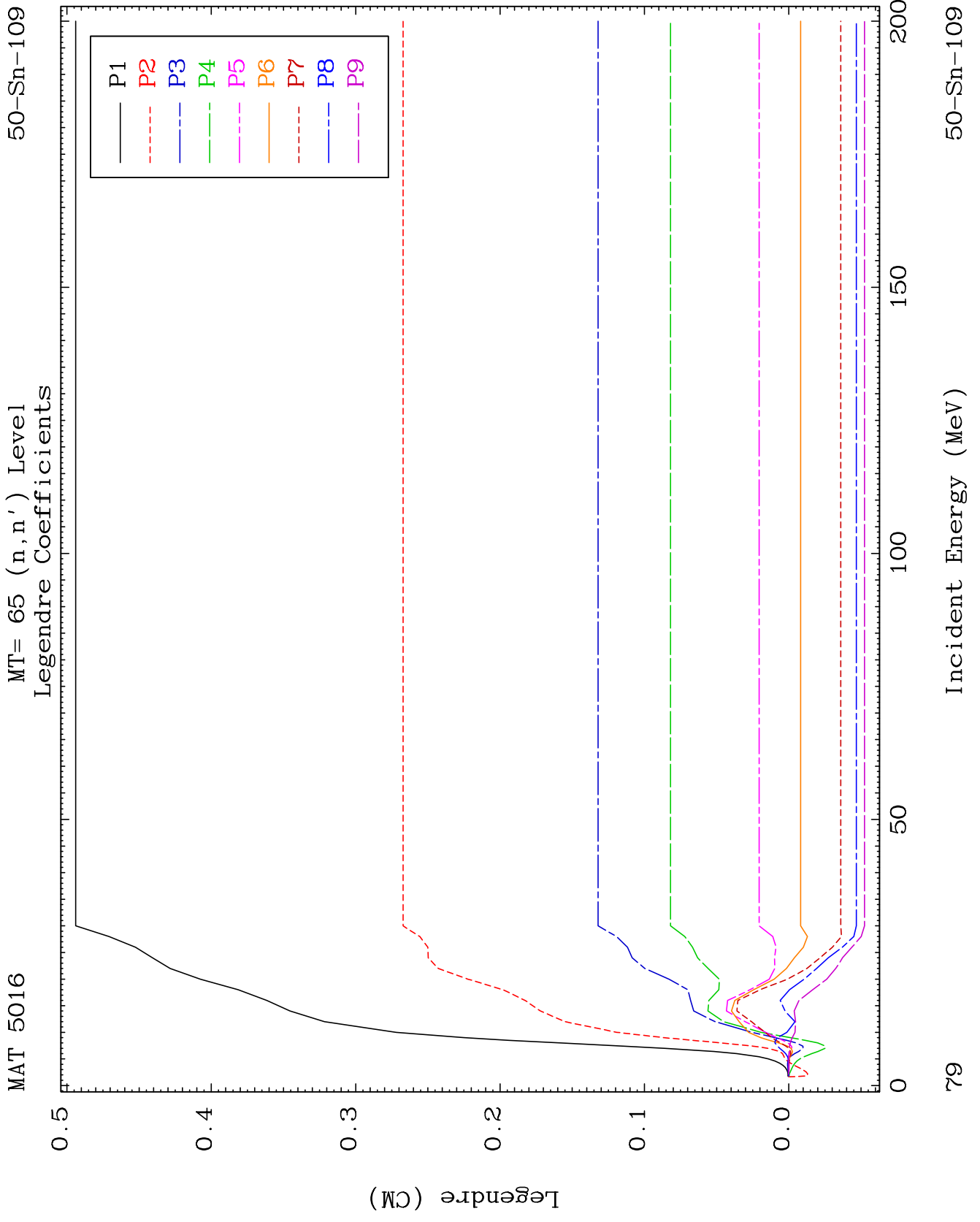


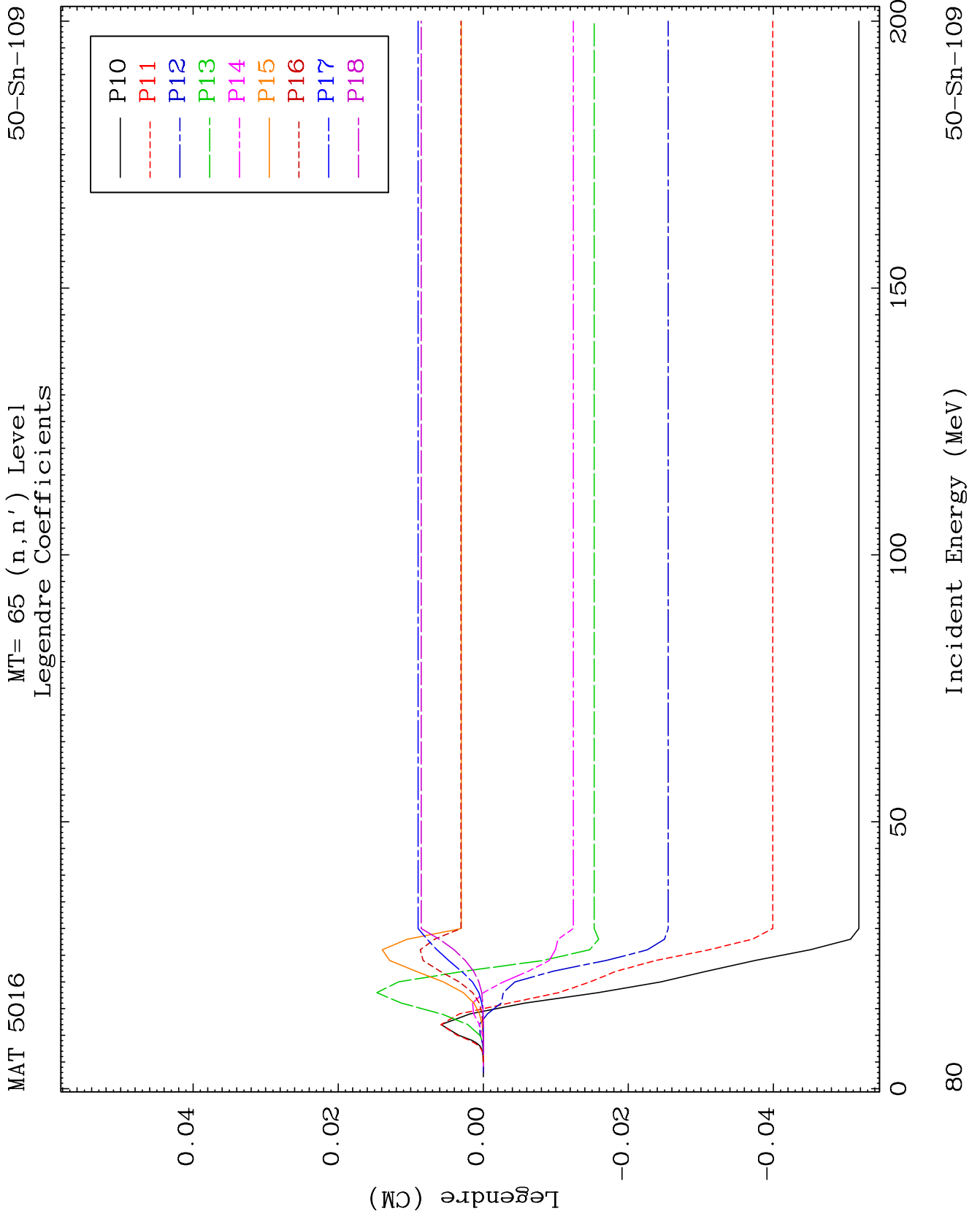








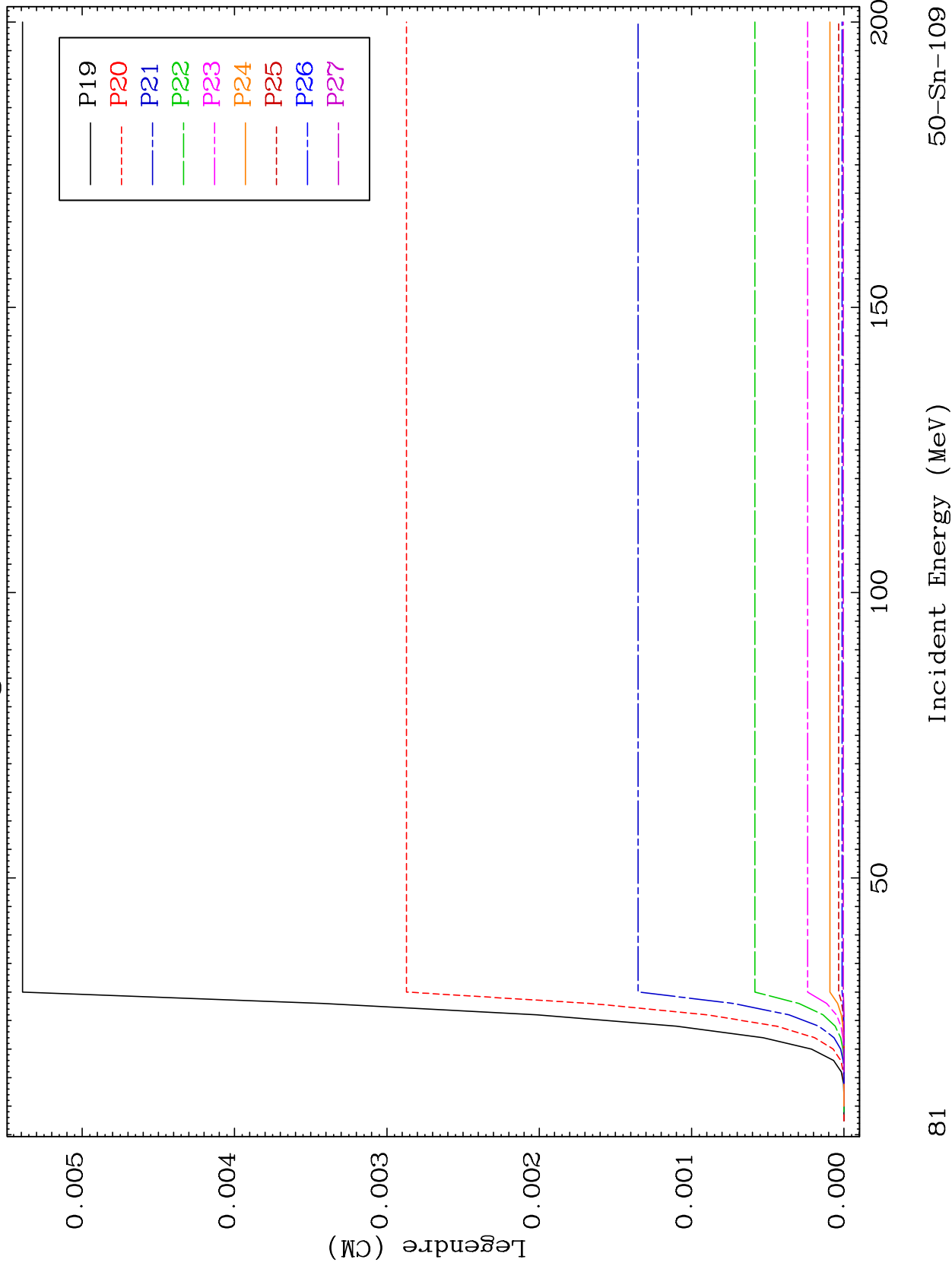




MAT 5016

MT= 65 (n,n') Level  
Legendre Coefficients

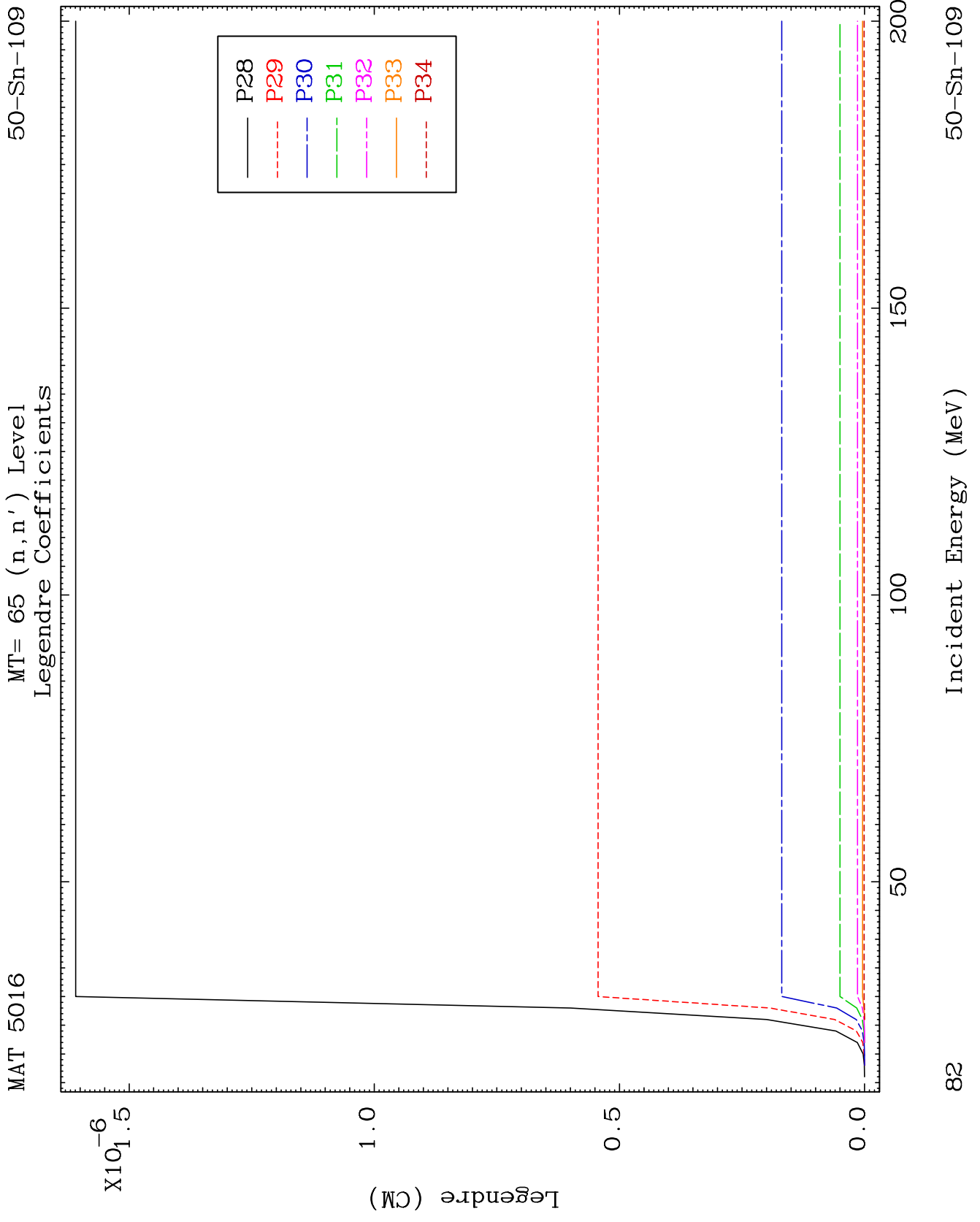
50-Sn-109

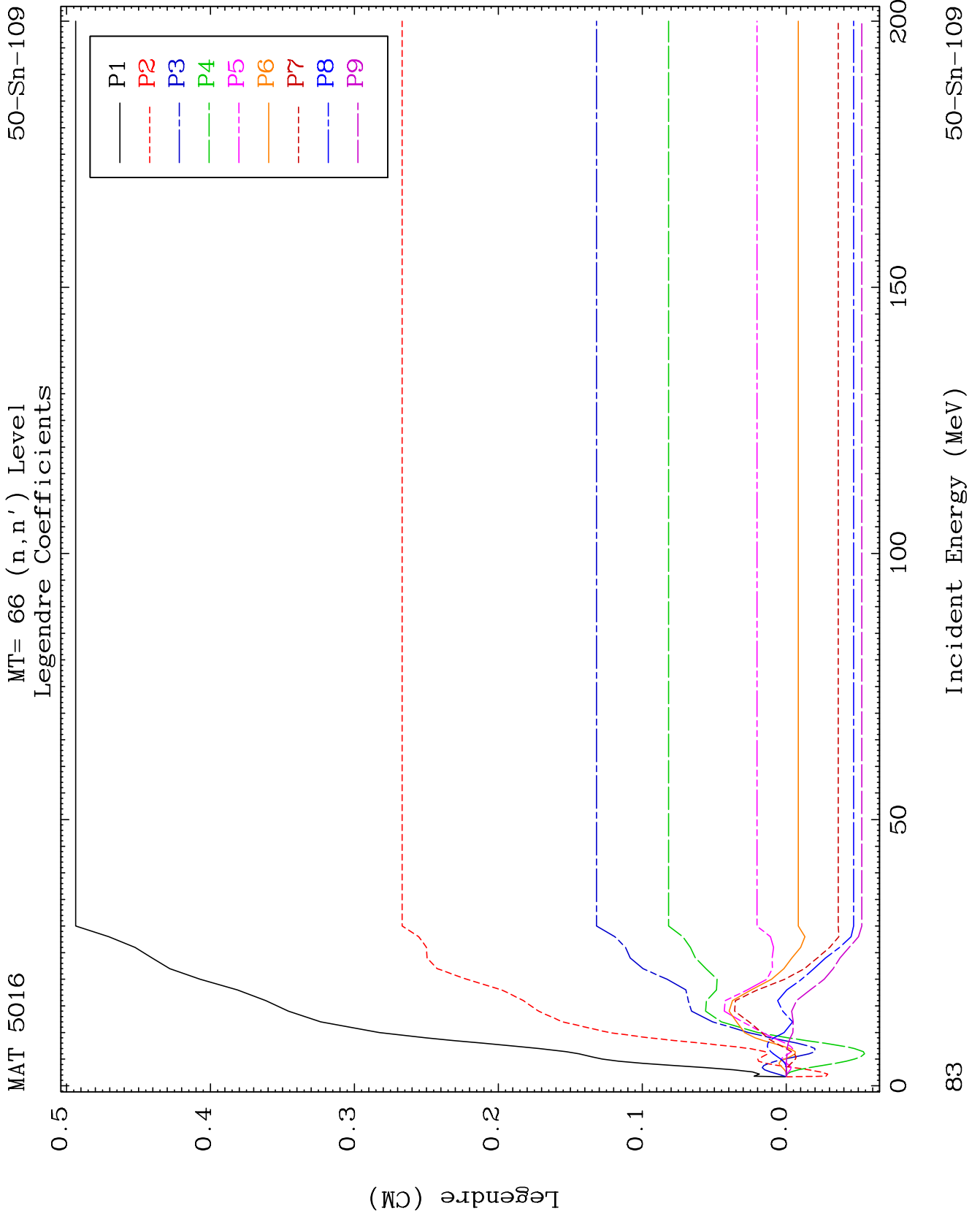


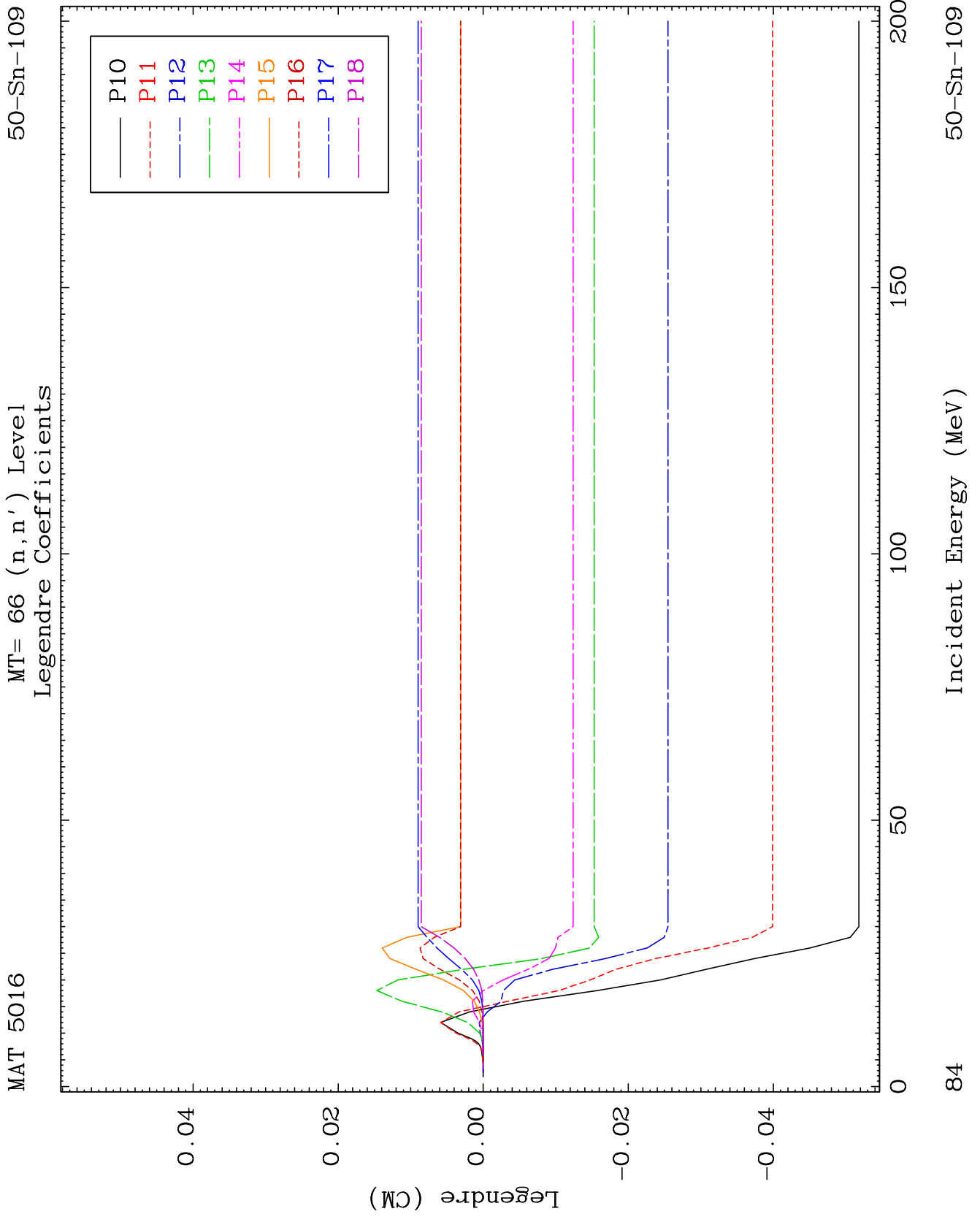
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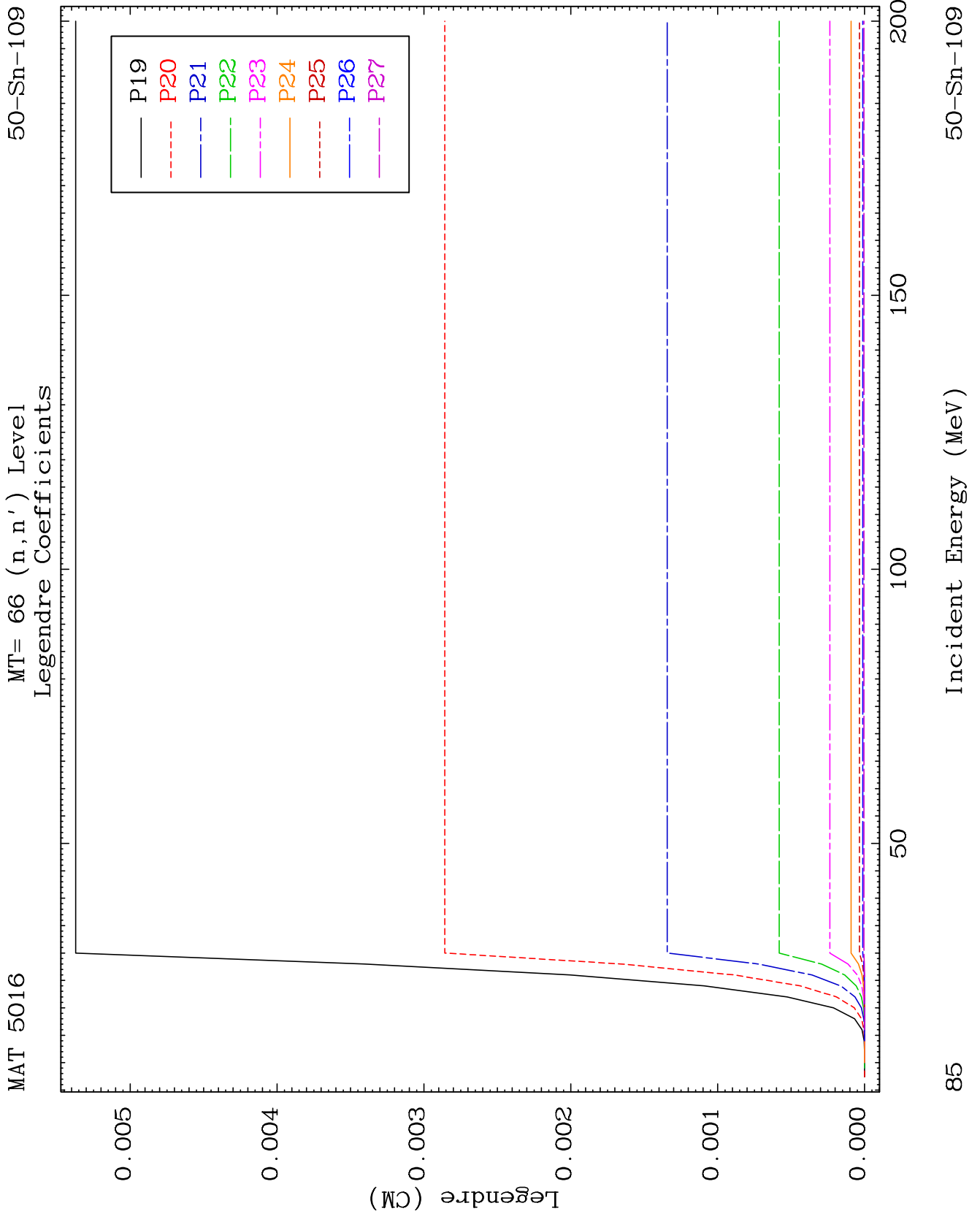
Incident Energy (MeV)

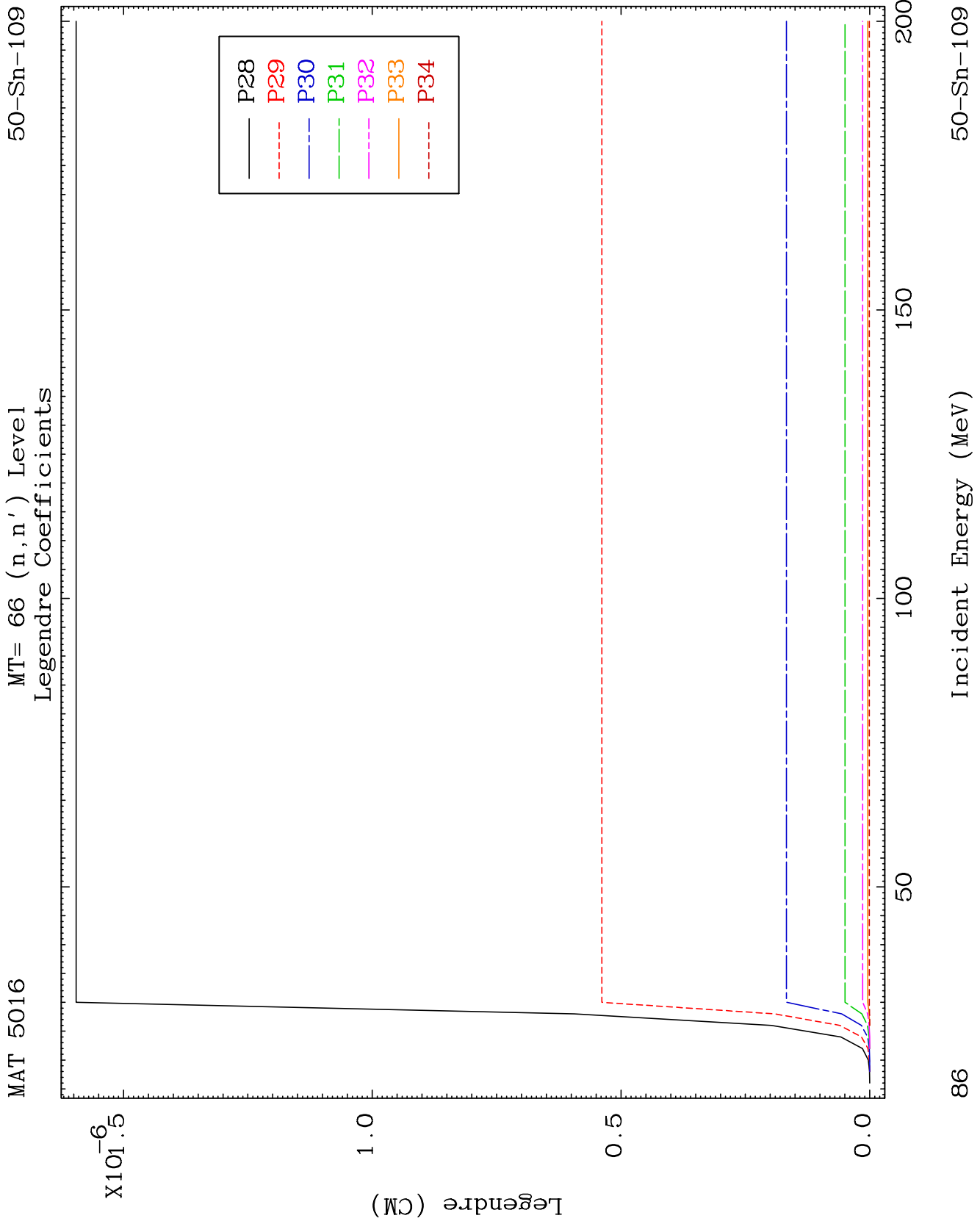
50-Sn-109

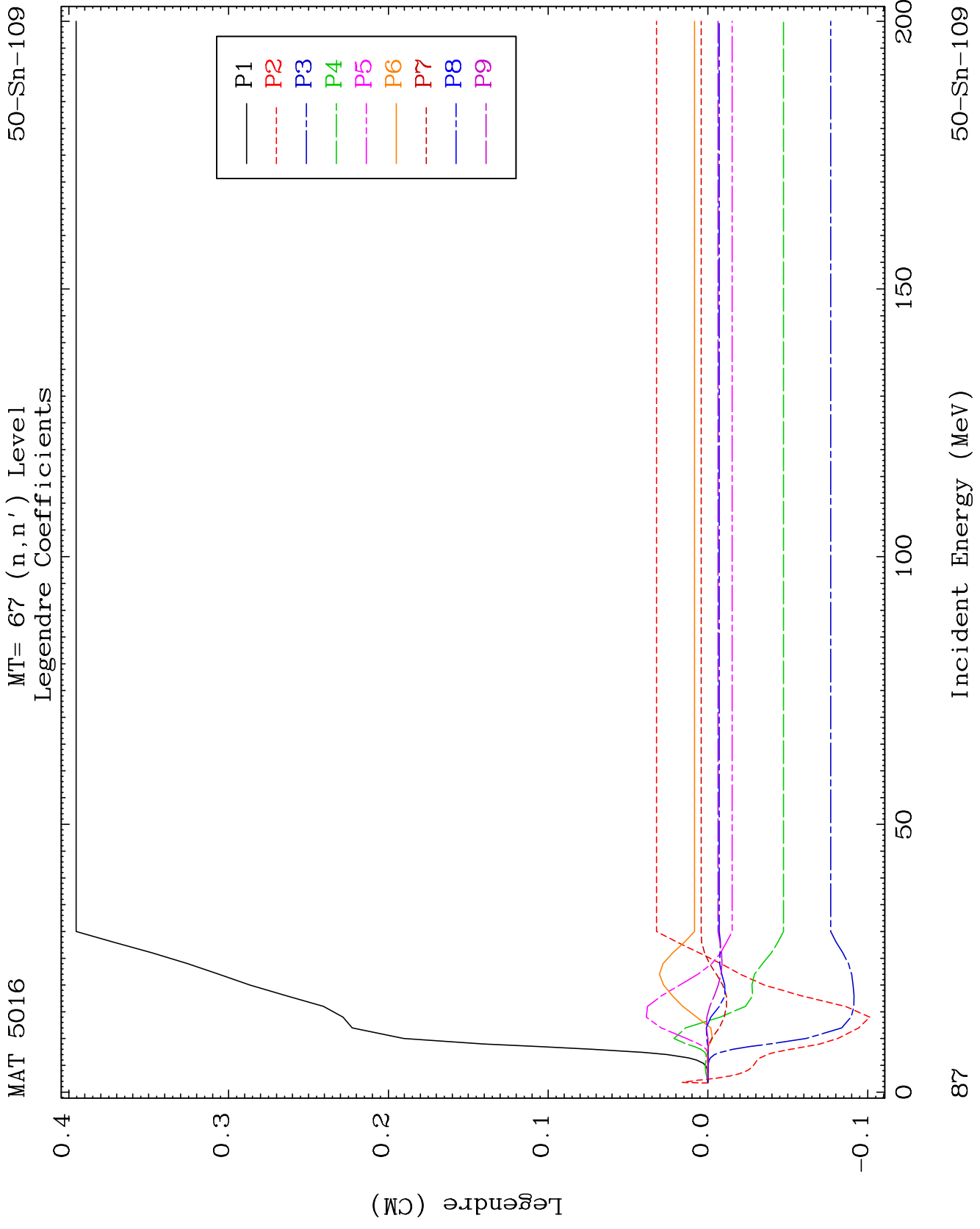










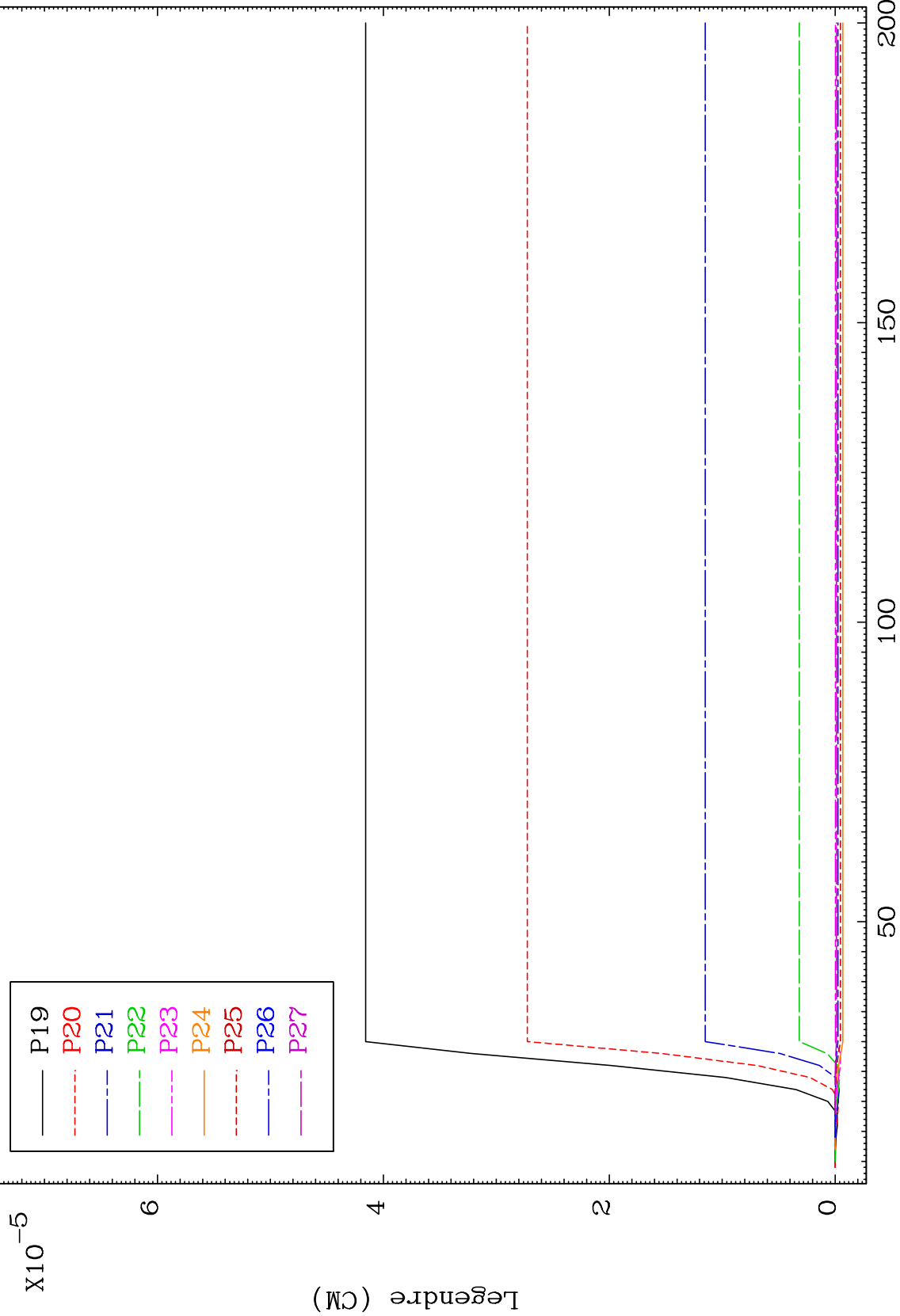
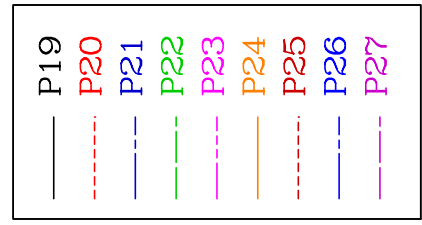




MAT 5016

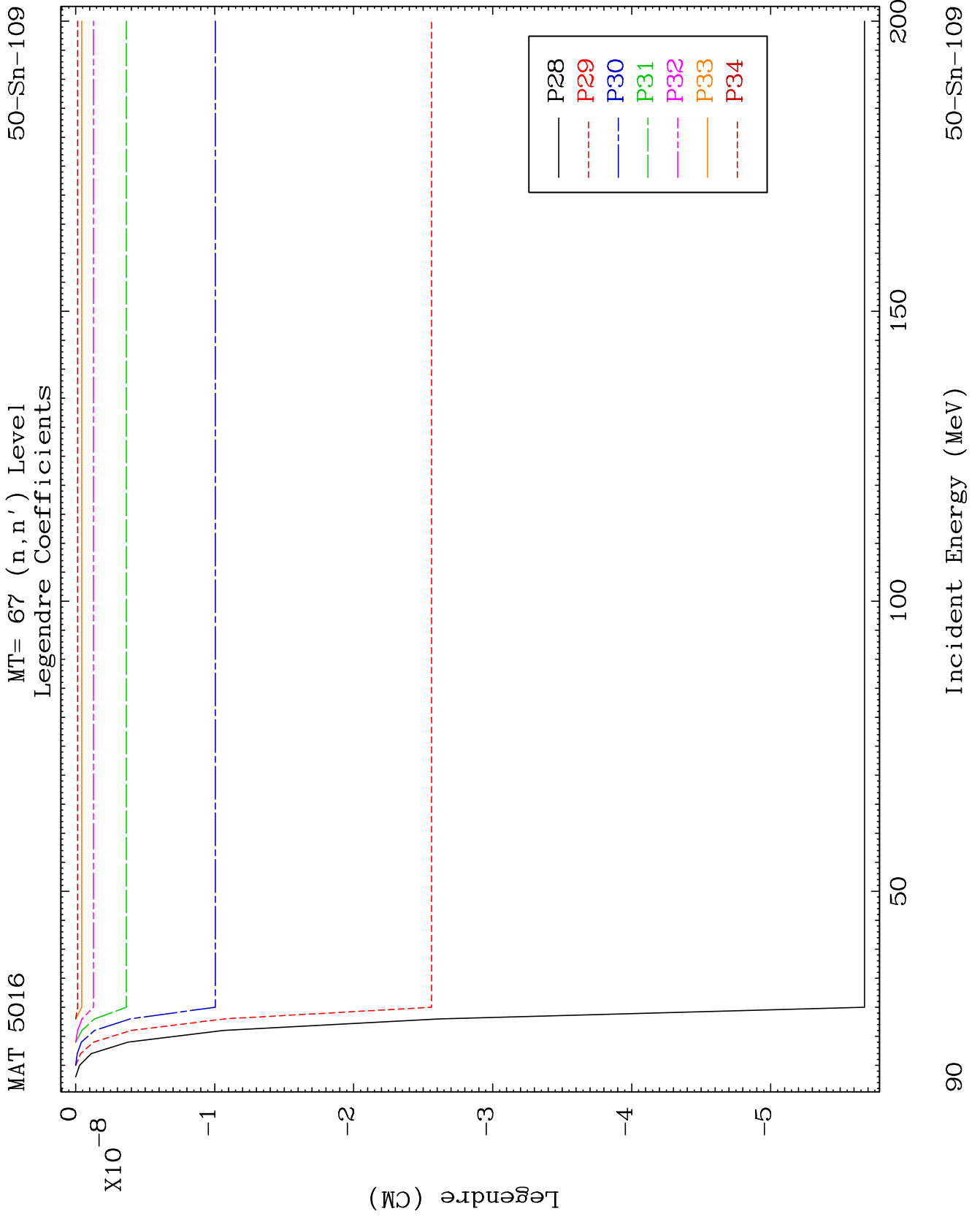
MT= 67 (n,n') Level  
Legendre Coefficients

50-Sn-109



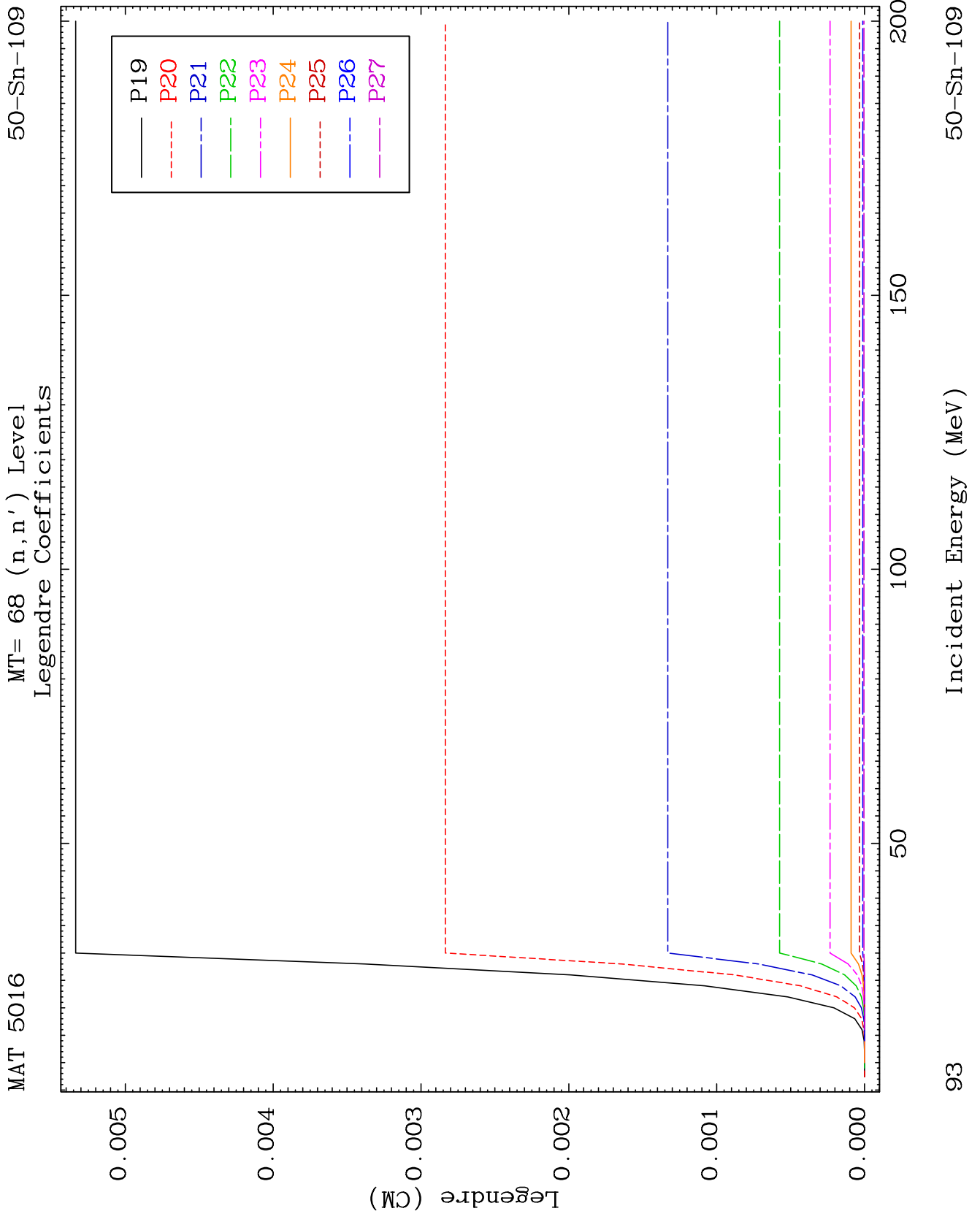
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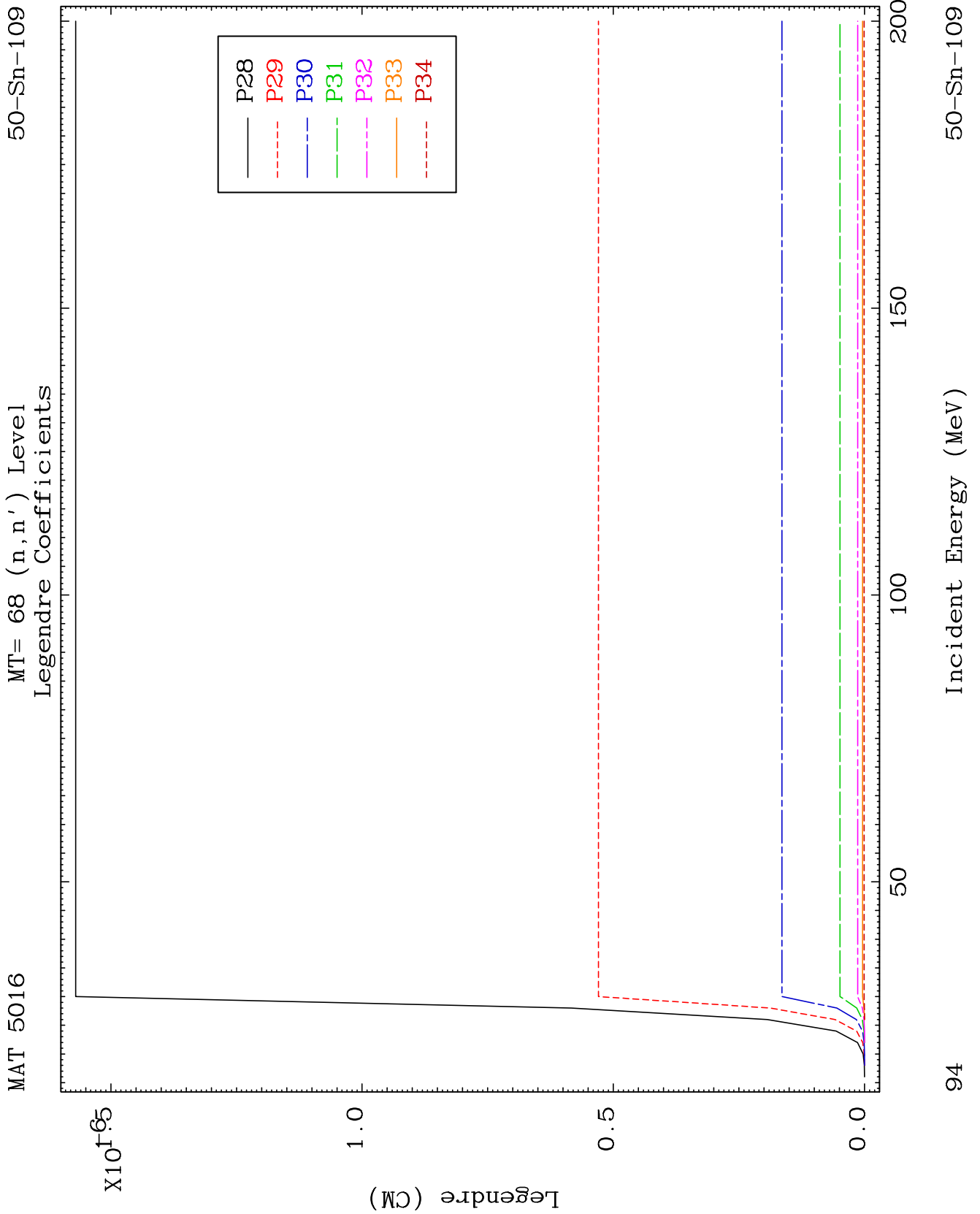
50-Sn-109

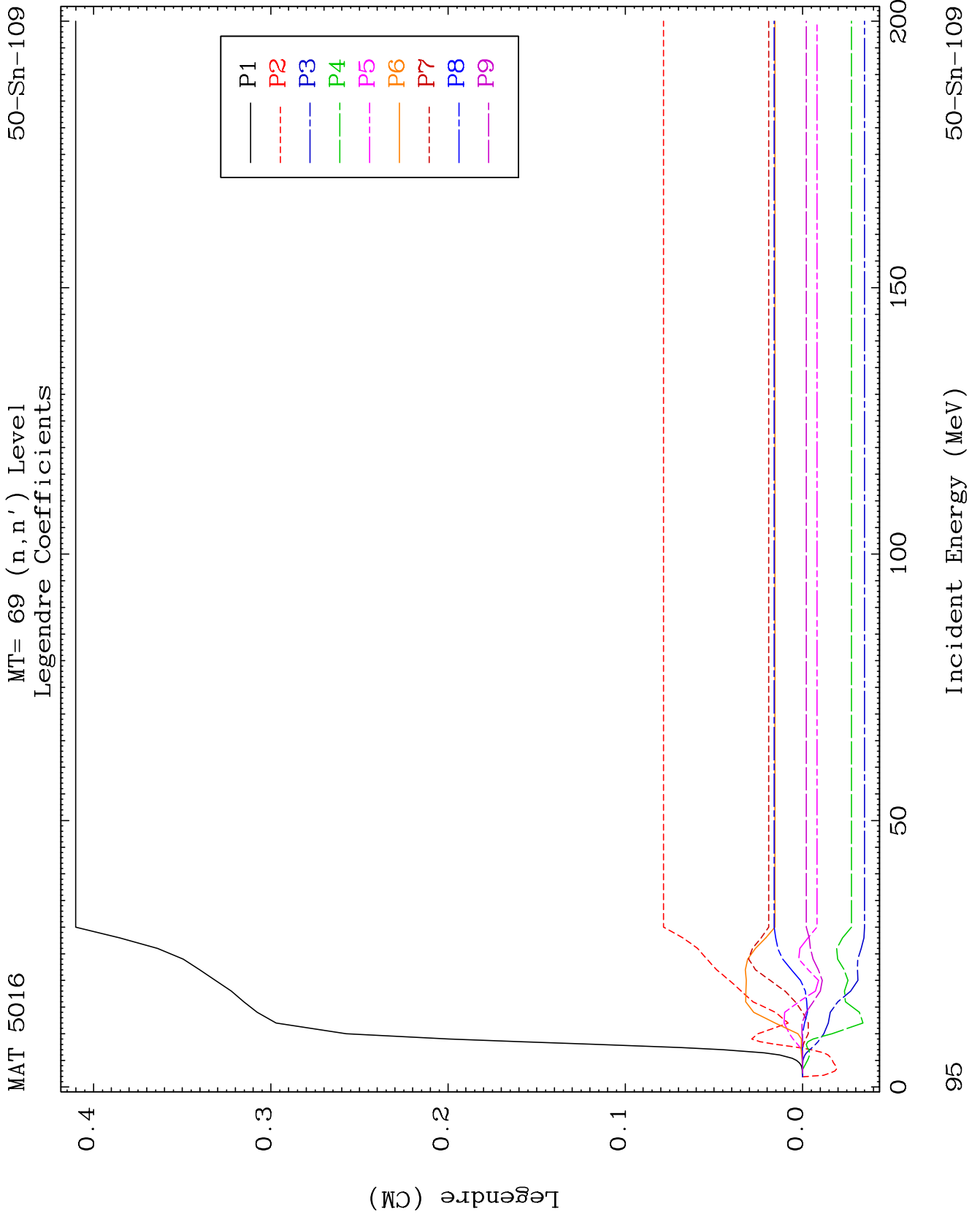




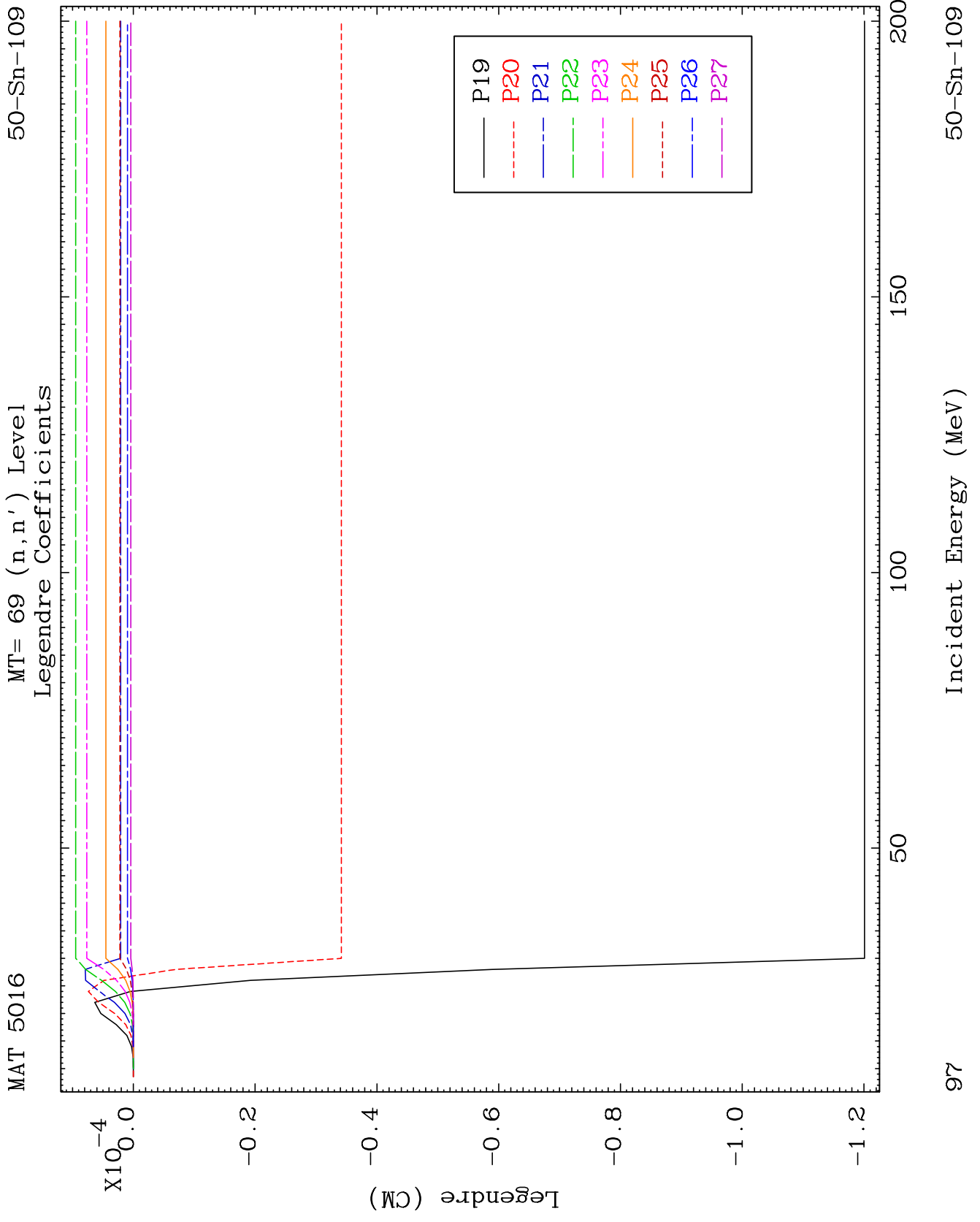








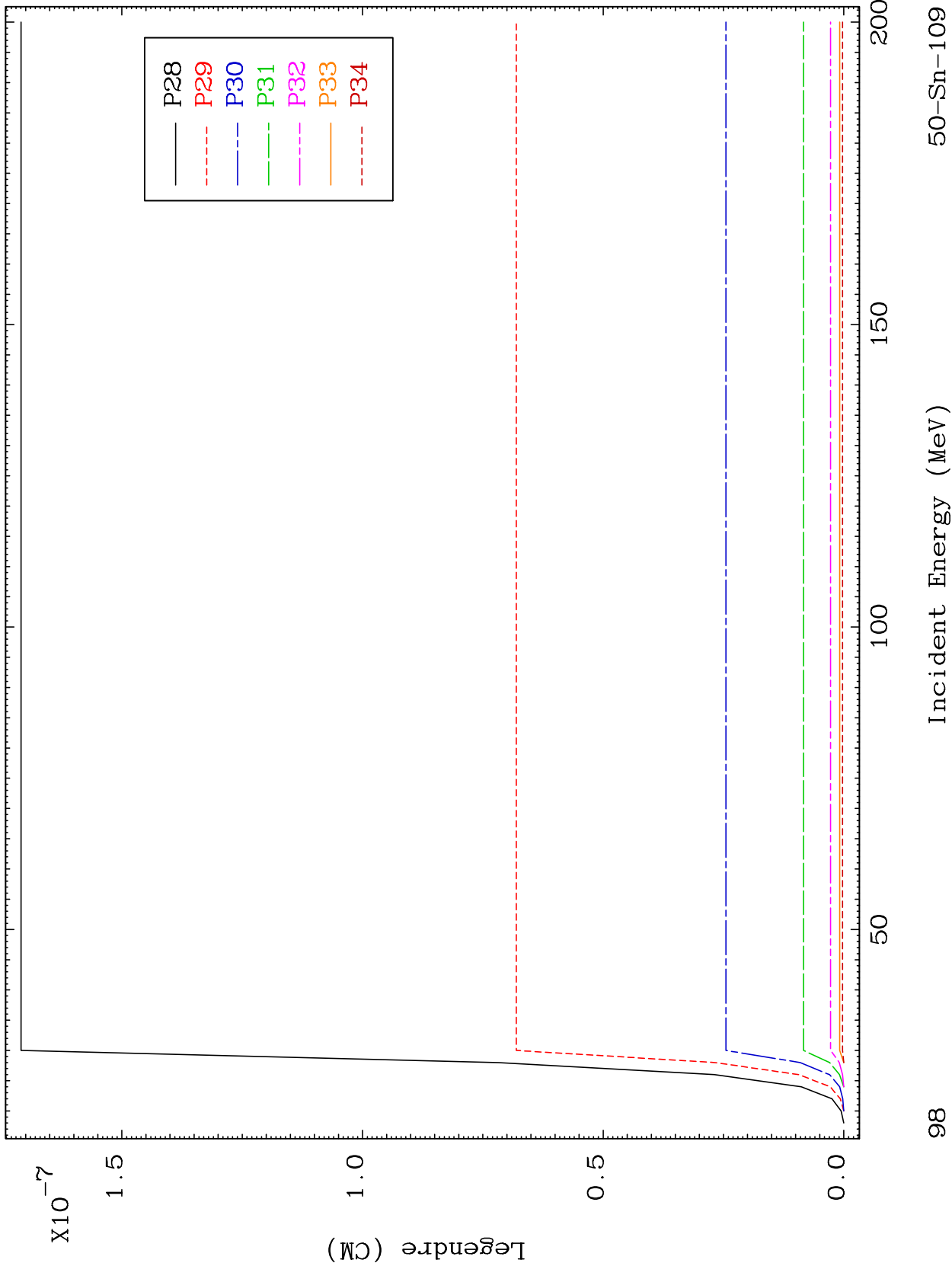




MAT 5016

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

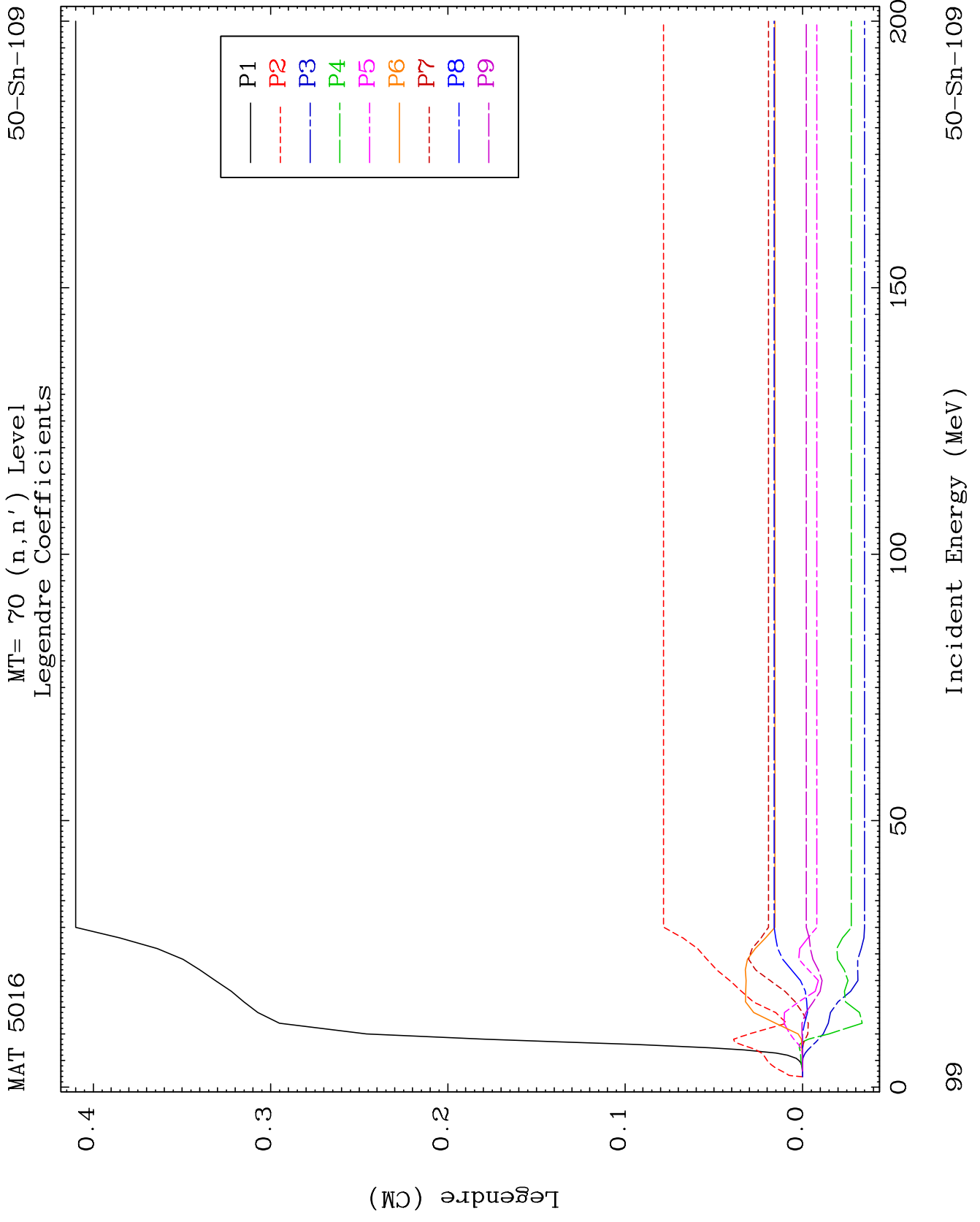
50-Sn-109



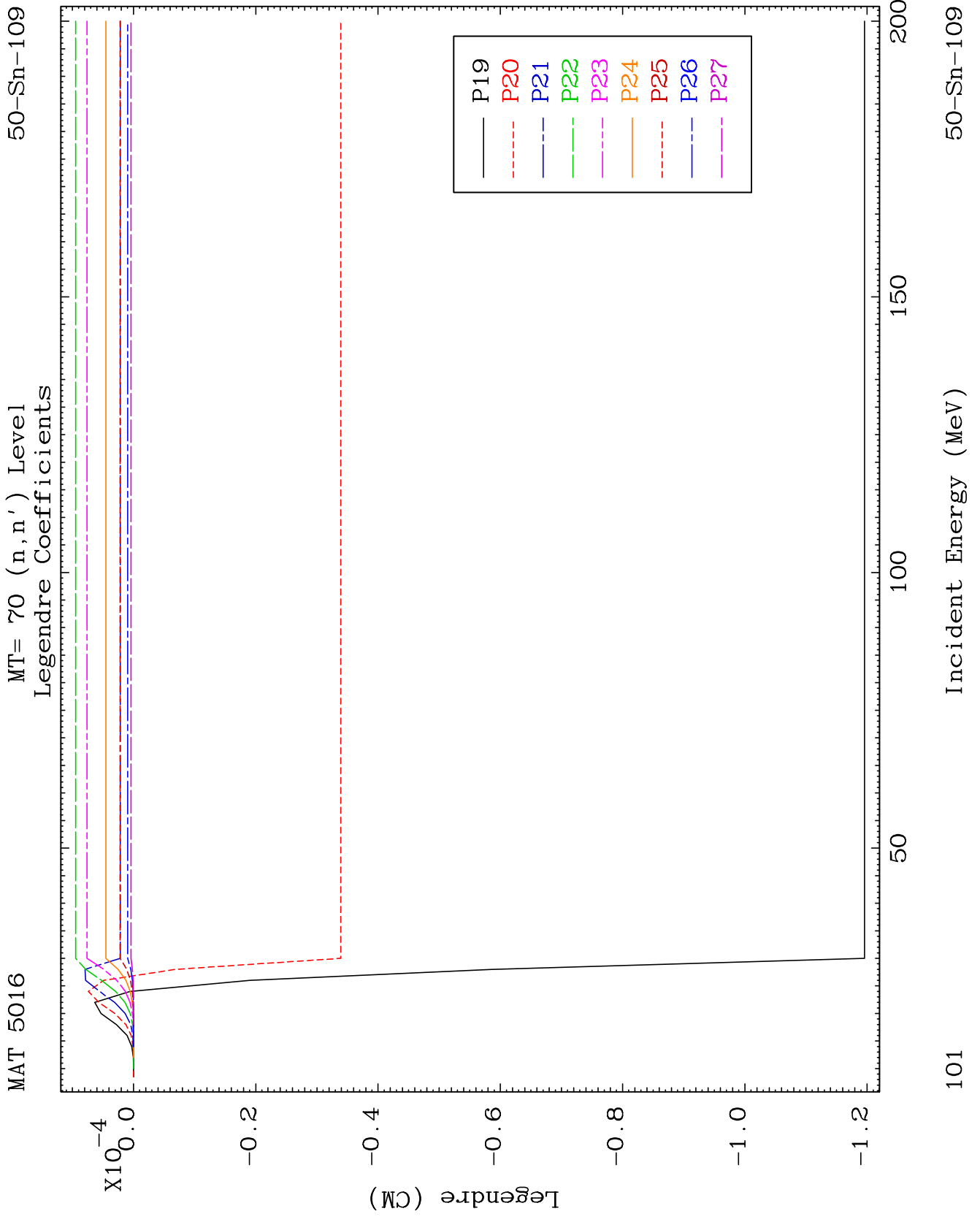
98

Incident Energy (MeV)

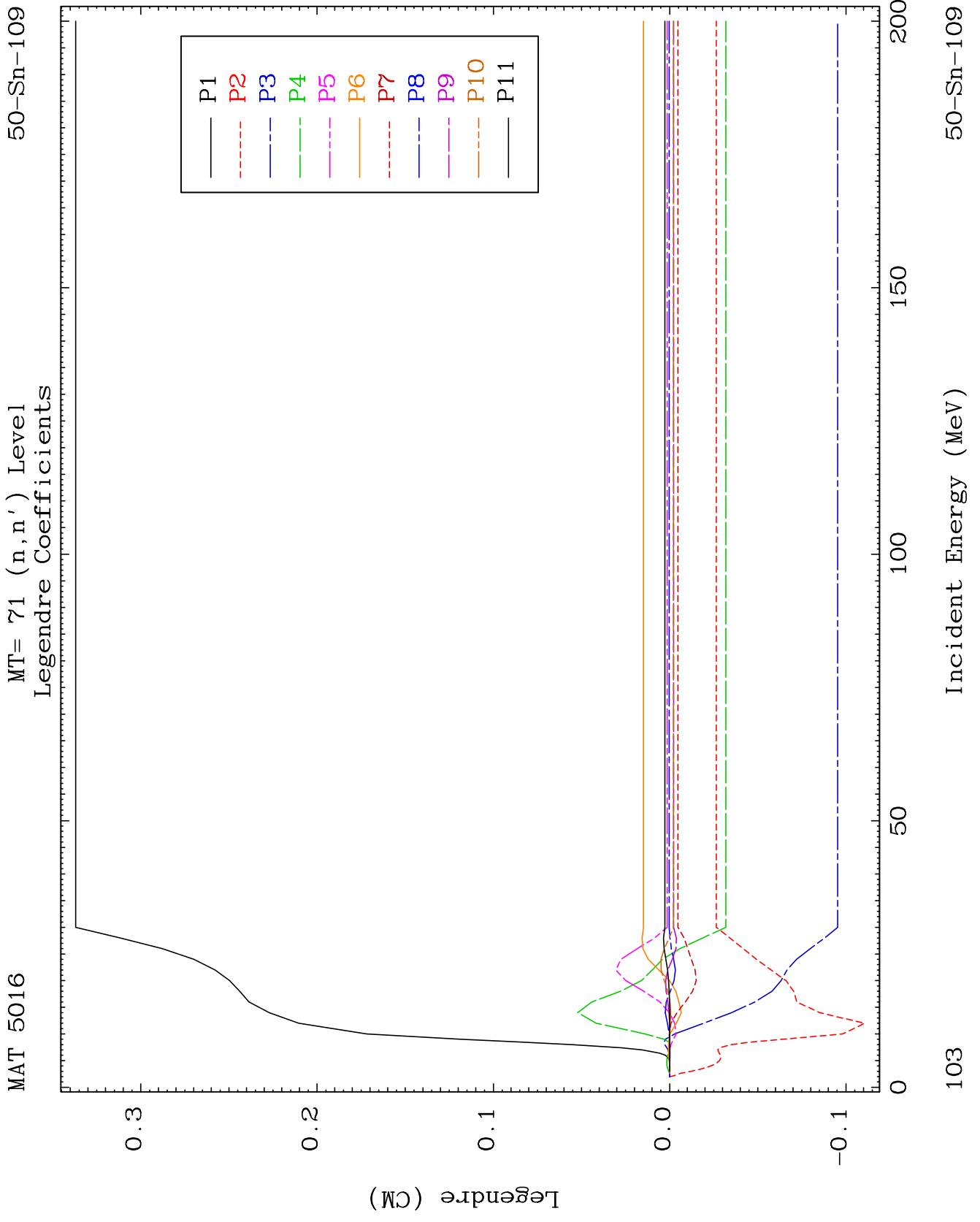
50-Sn-109

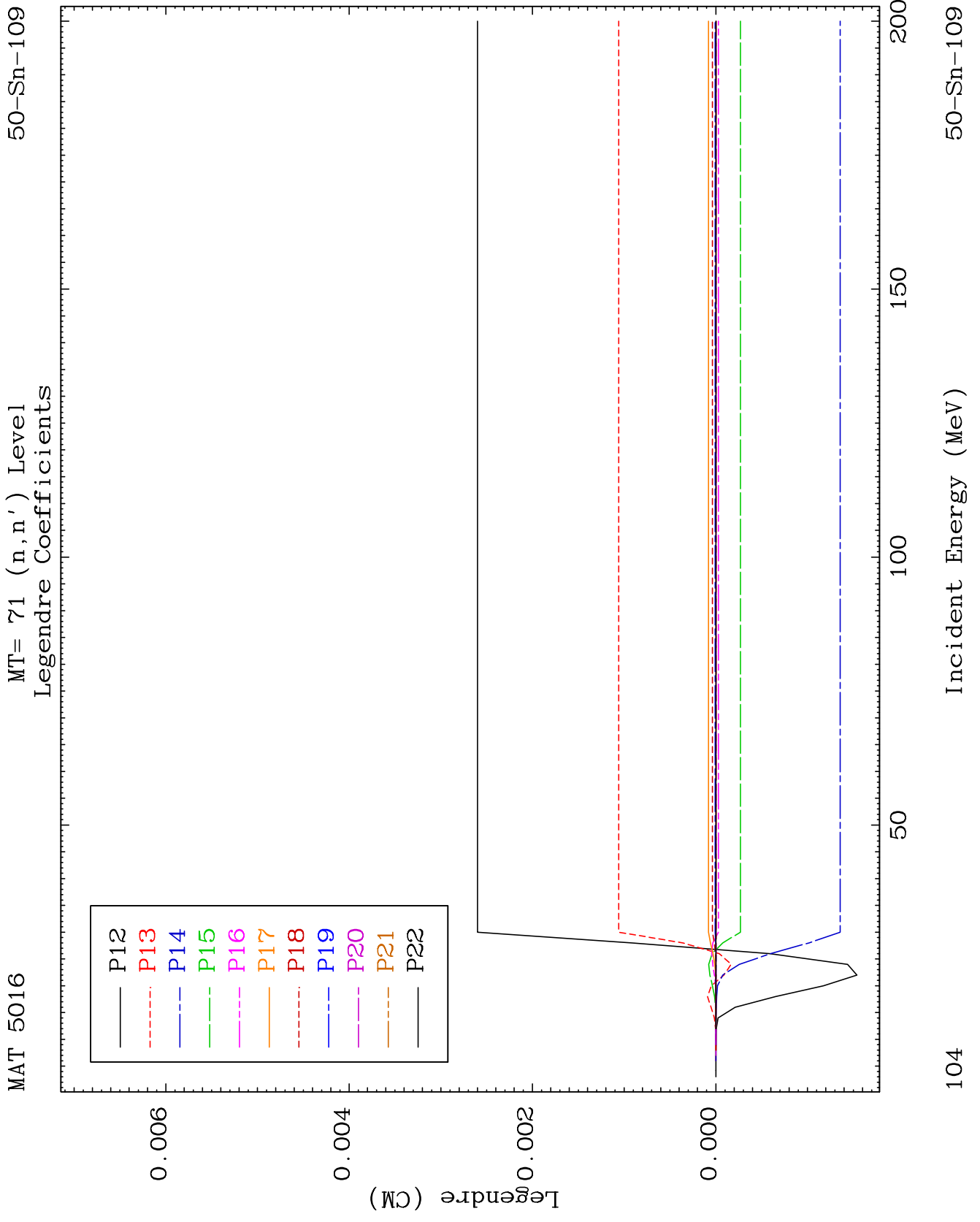


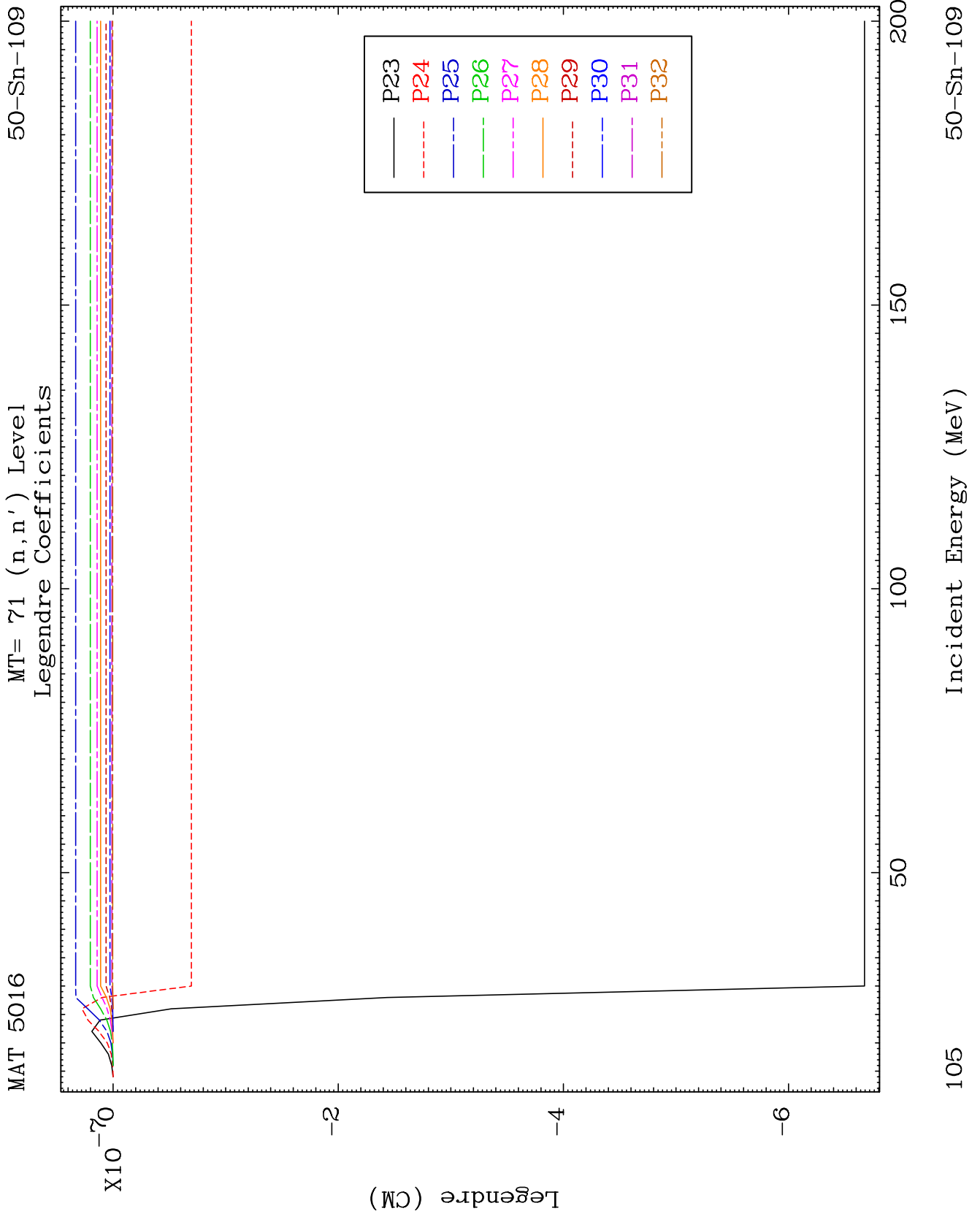




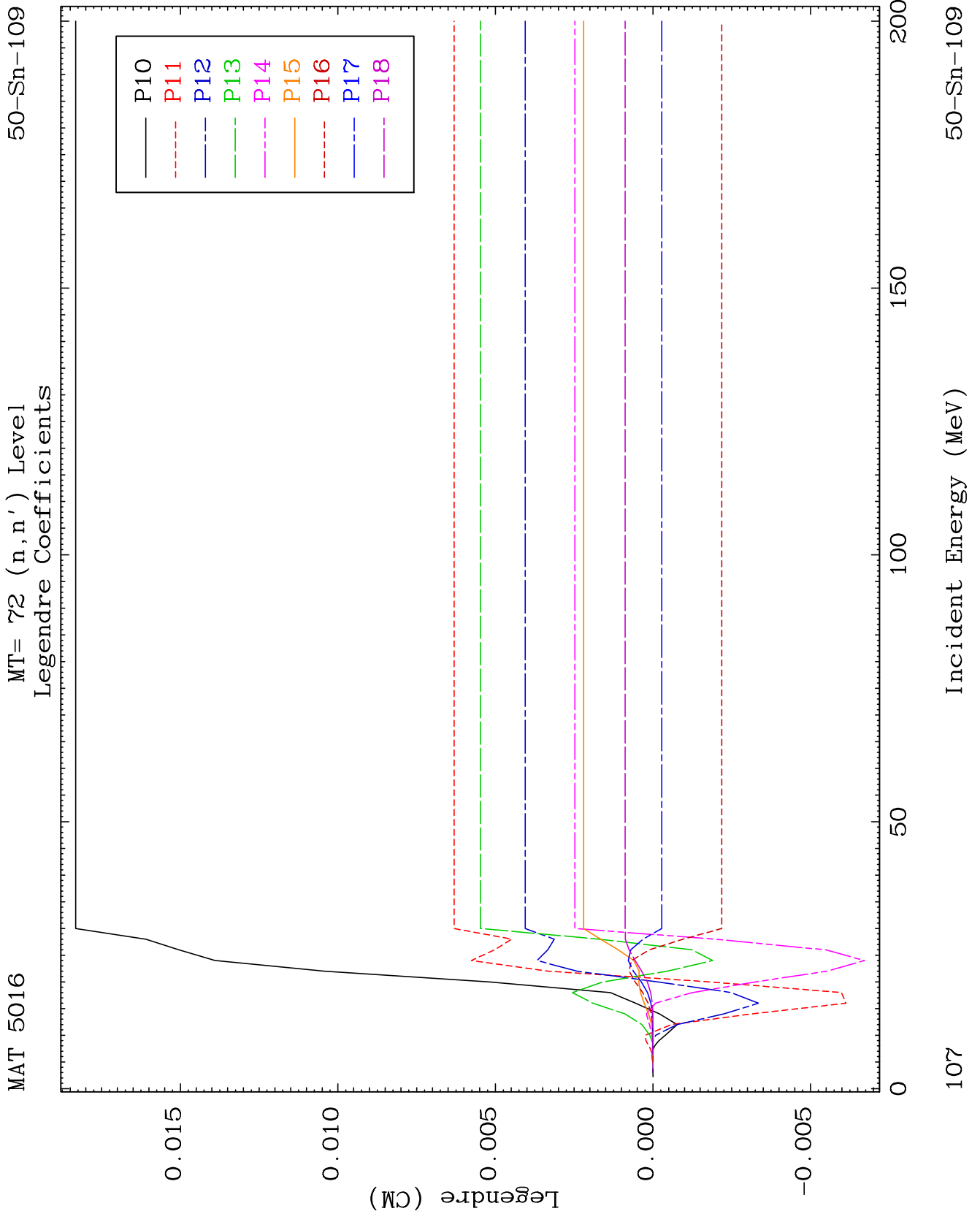








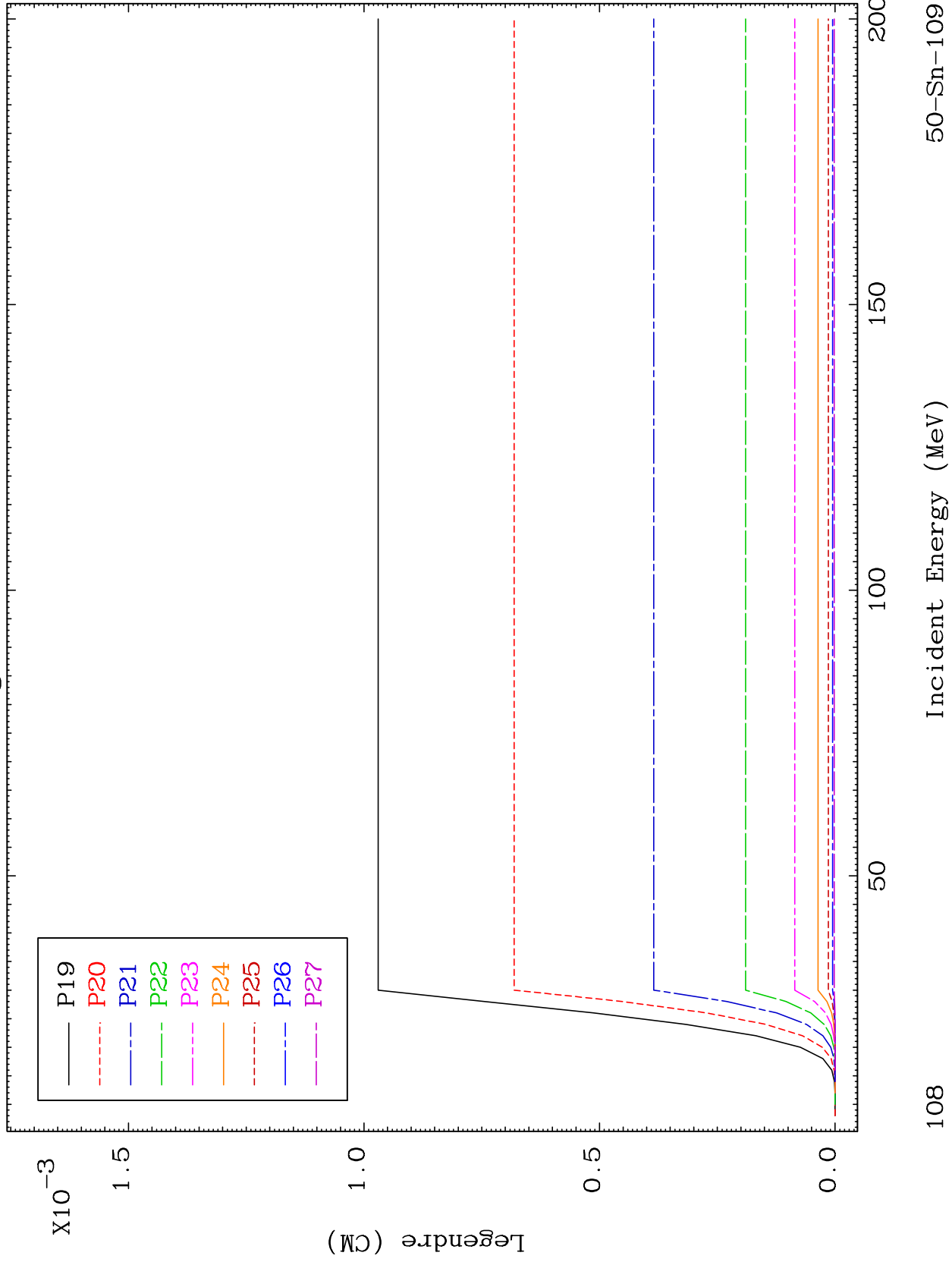




MAT 5016

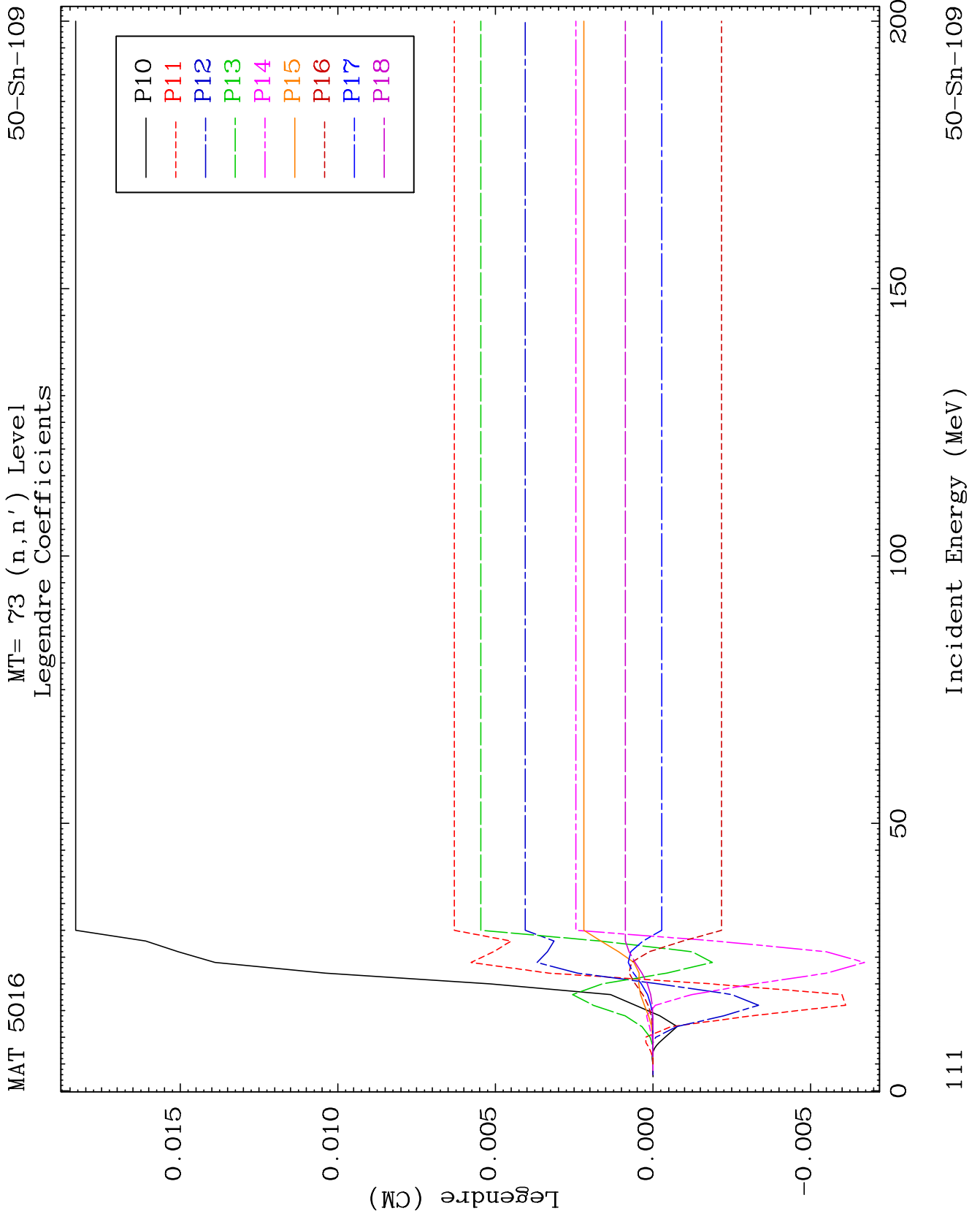
MT= 72 (n,n') Level  
Legendre Coefficients

50-Sn-109





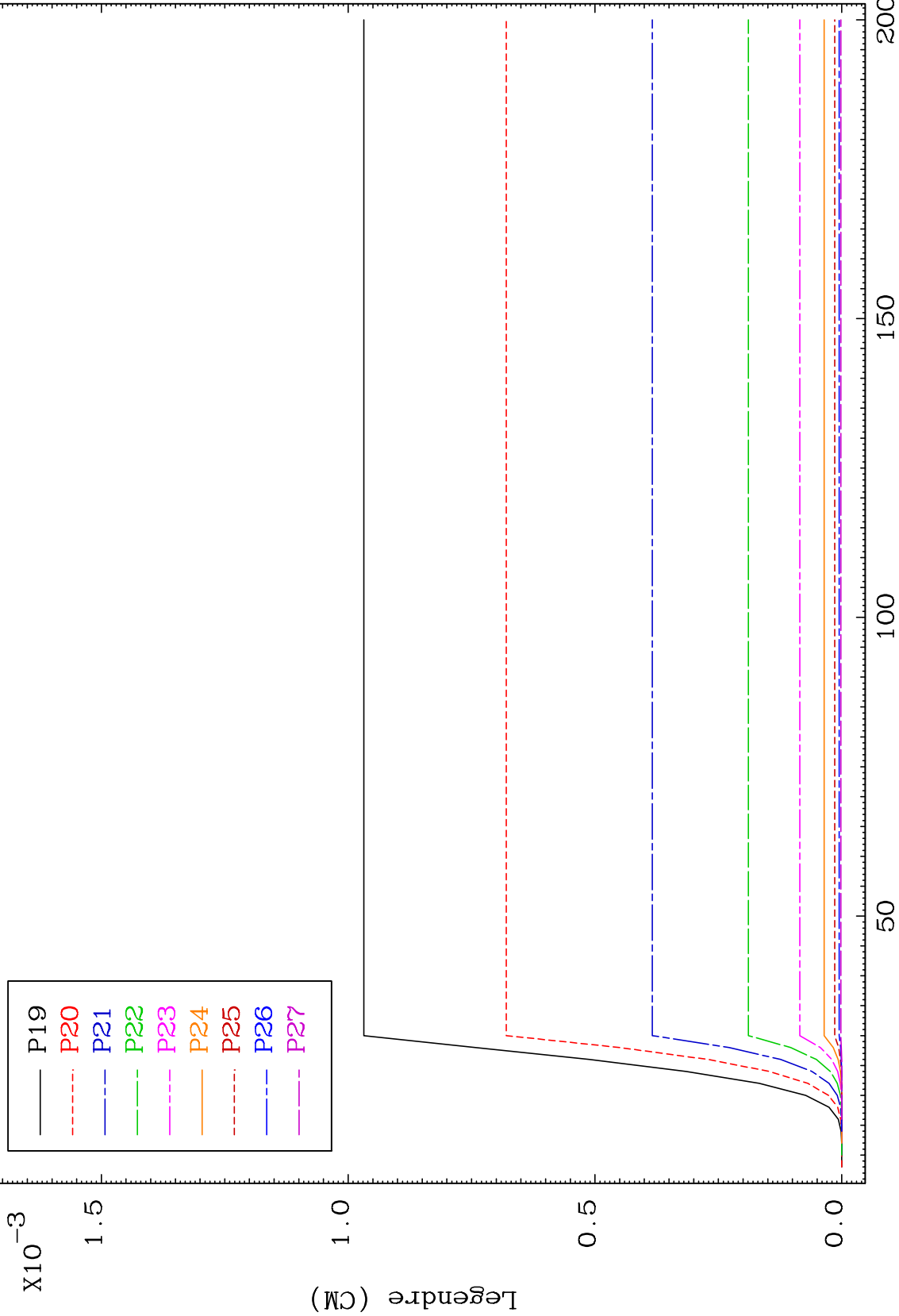
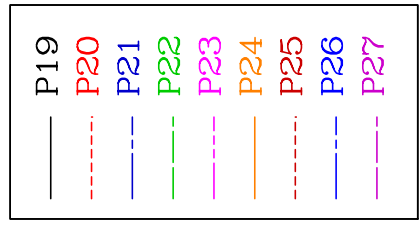




MAT 5016

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

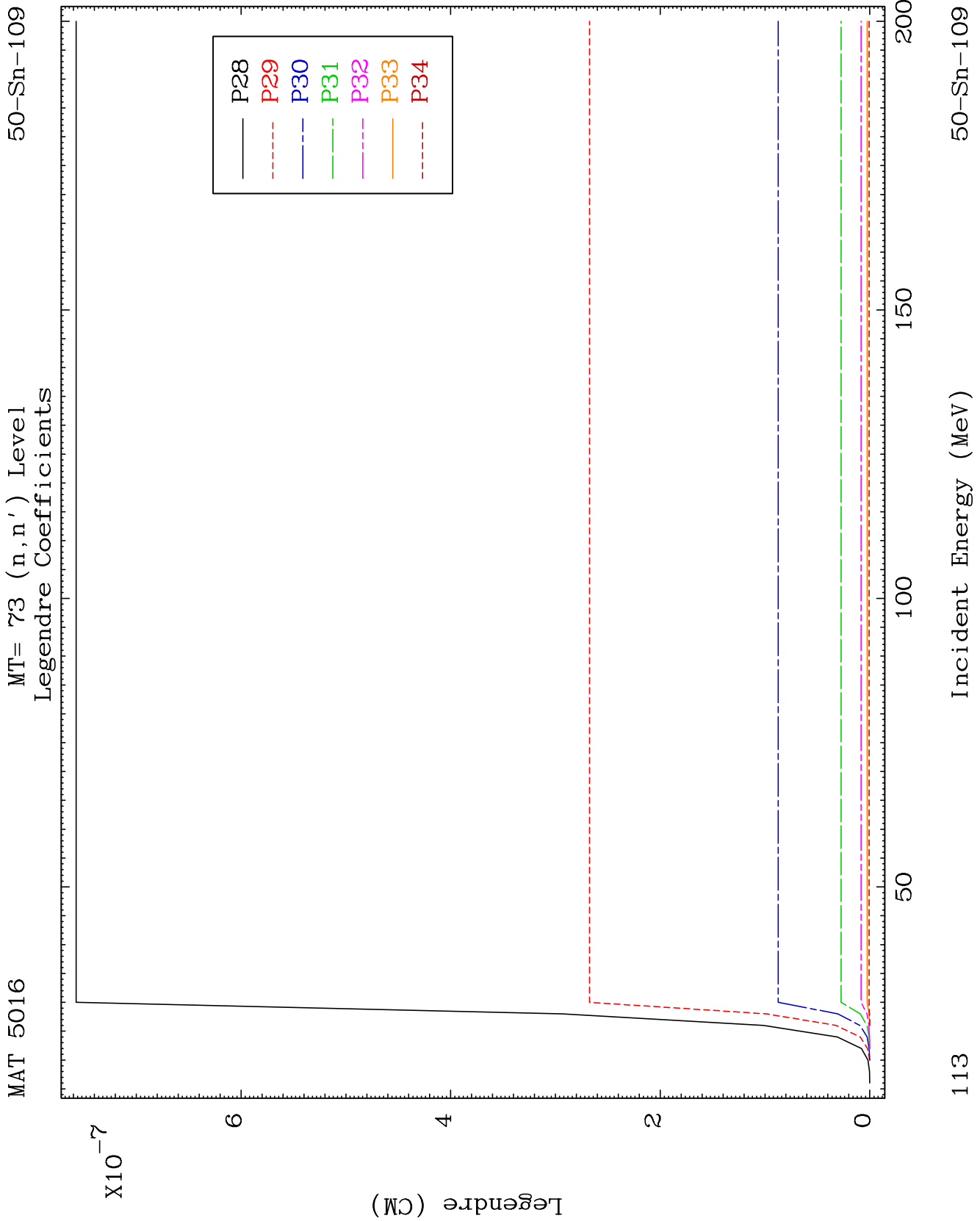
50-Sn-109



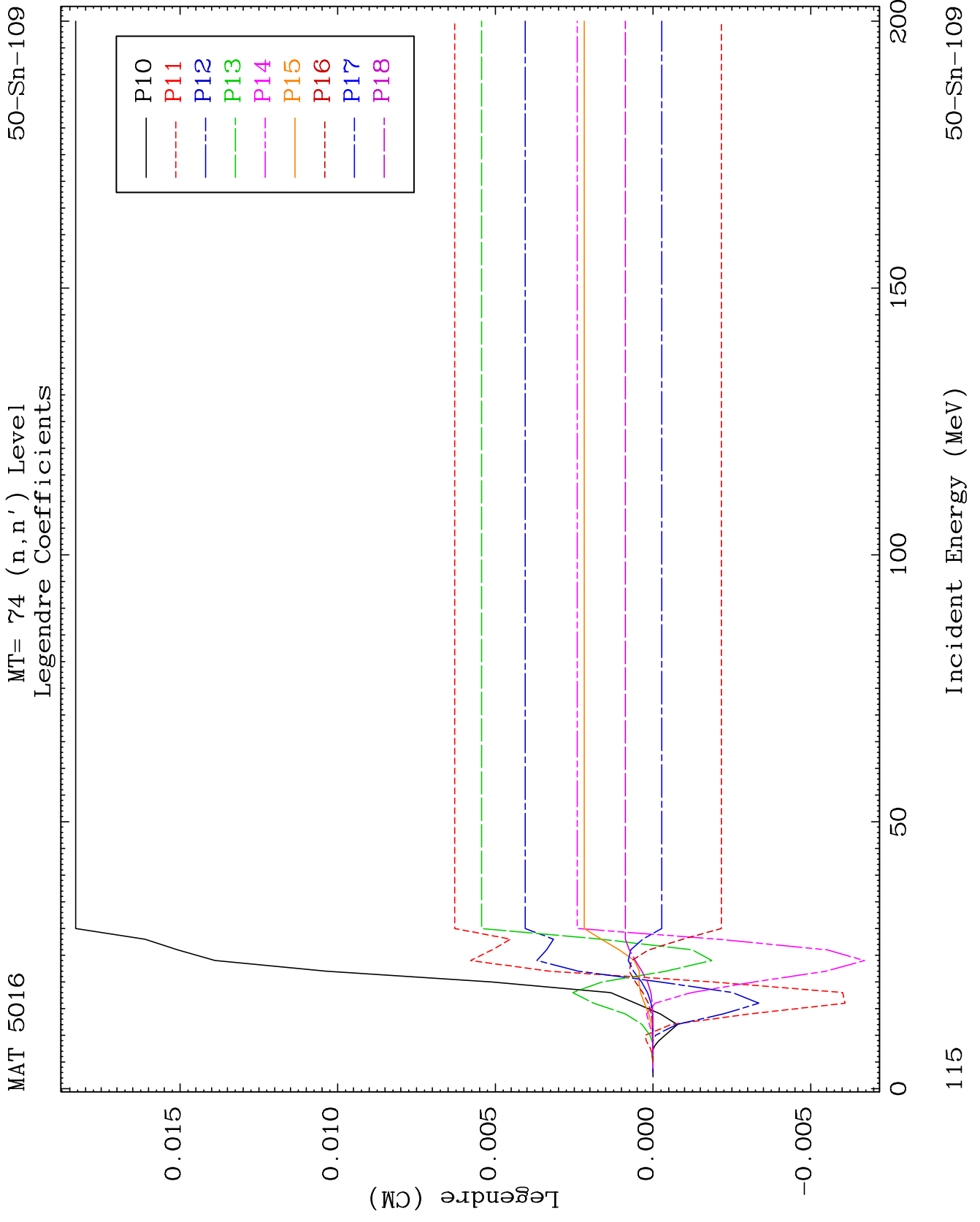
112

Incident Energy (MeV)

50-Sn-109



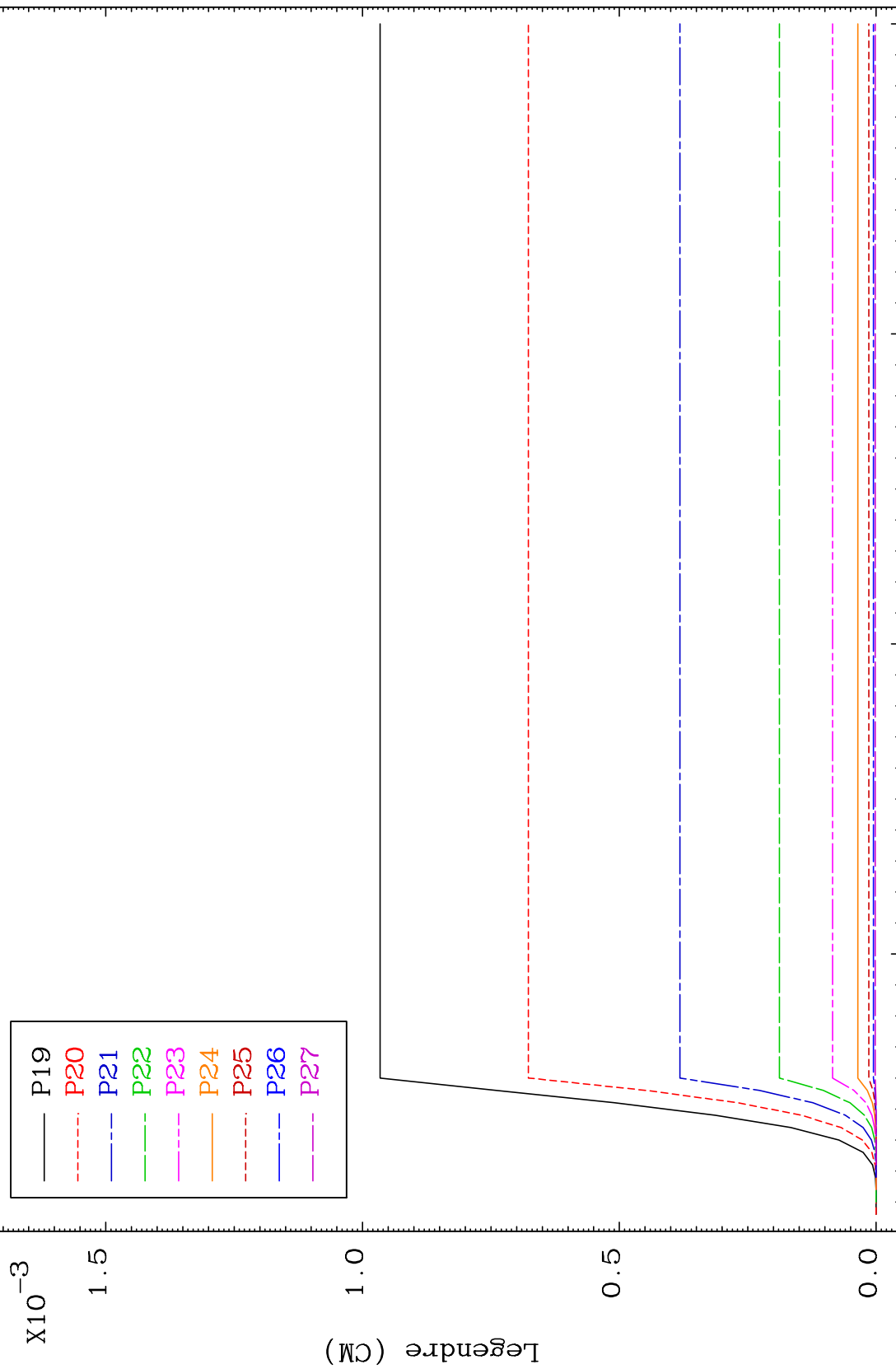
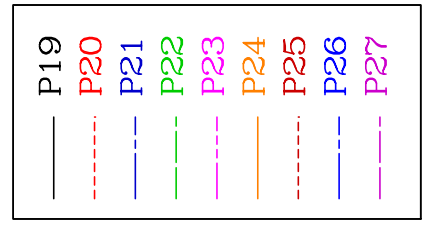




MAT 5016

MT= 74 (n,n') Level  
Legendre Coefficients

50-Sn-109



116

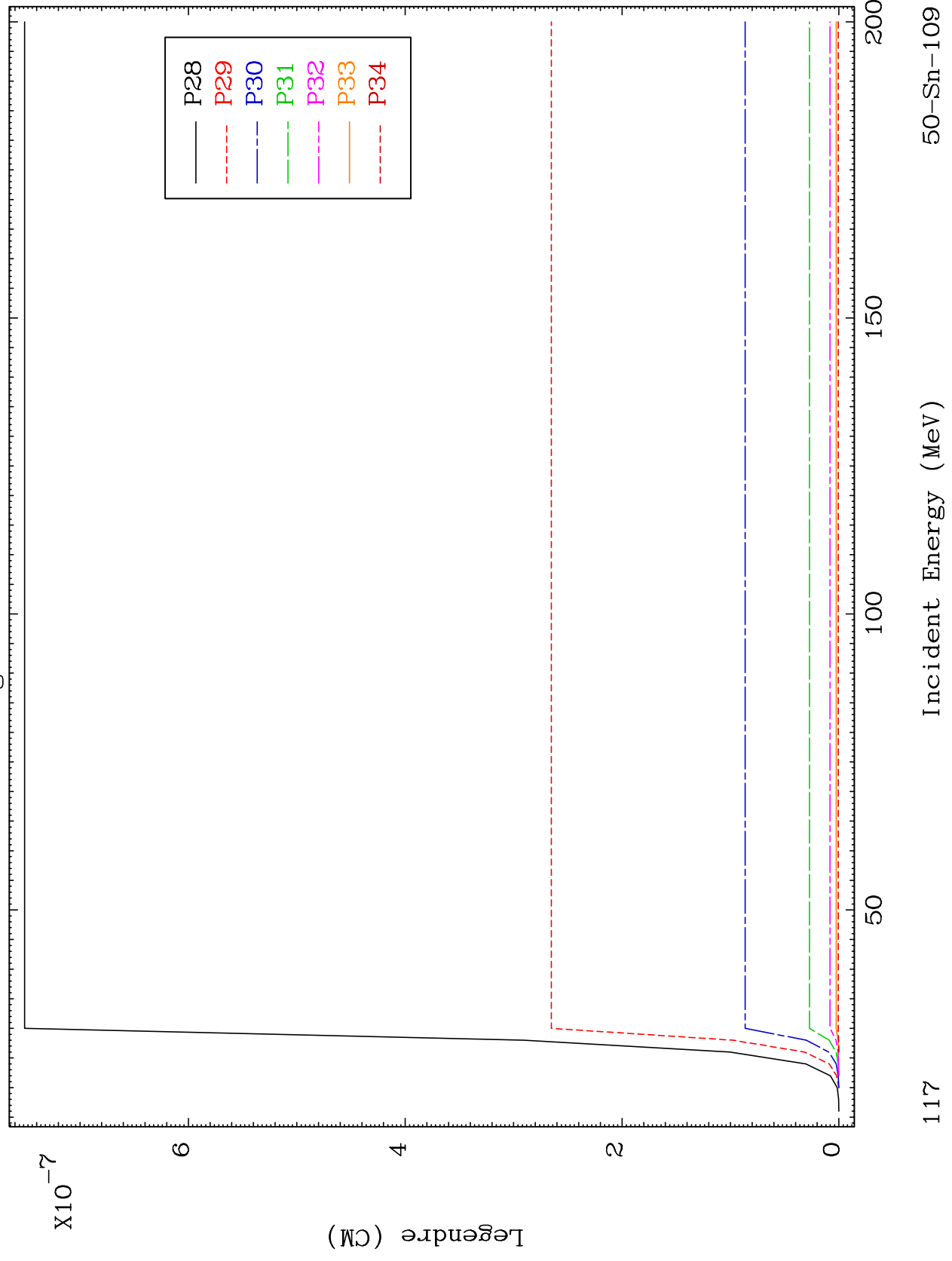
Incident Energy (MeV)

50-Sn-109

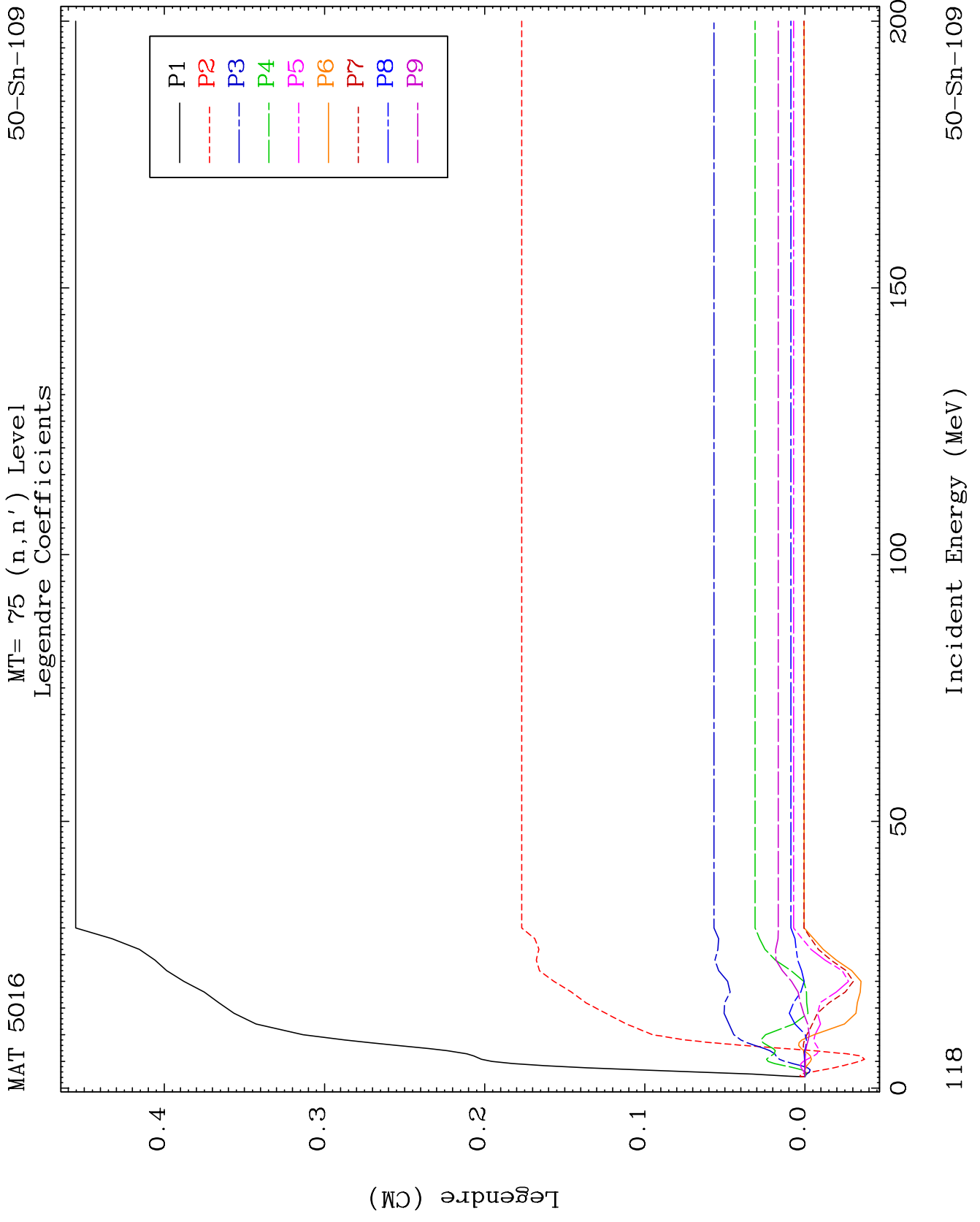
MAT 5016

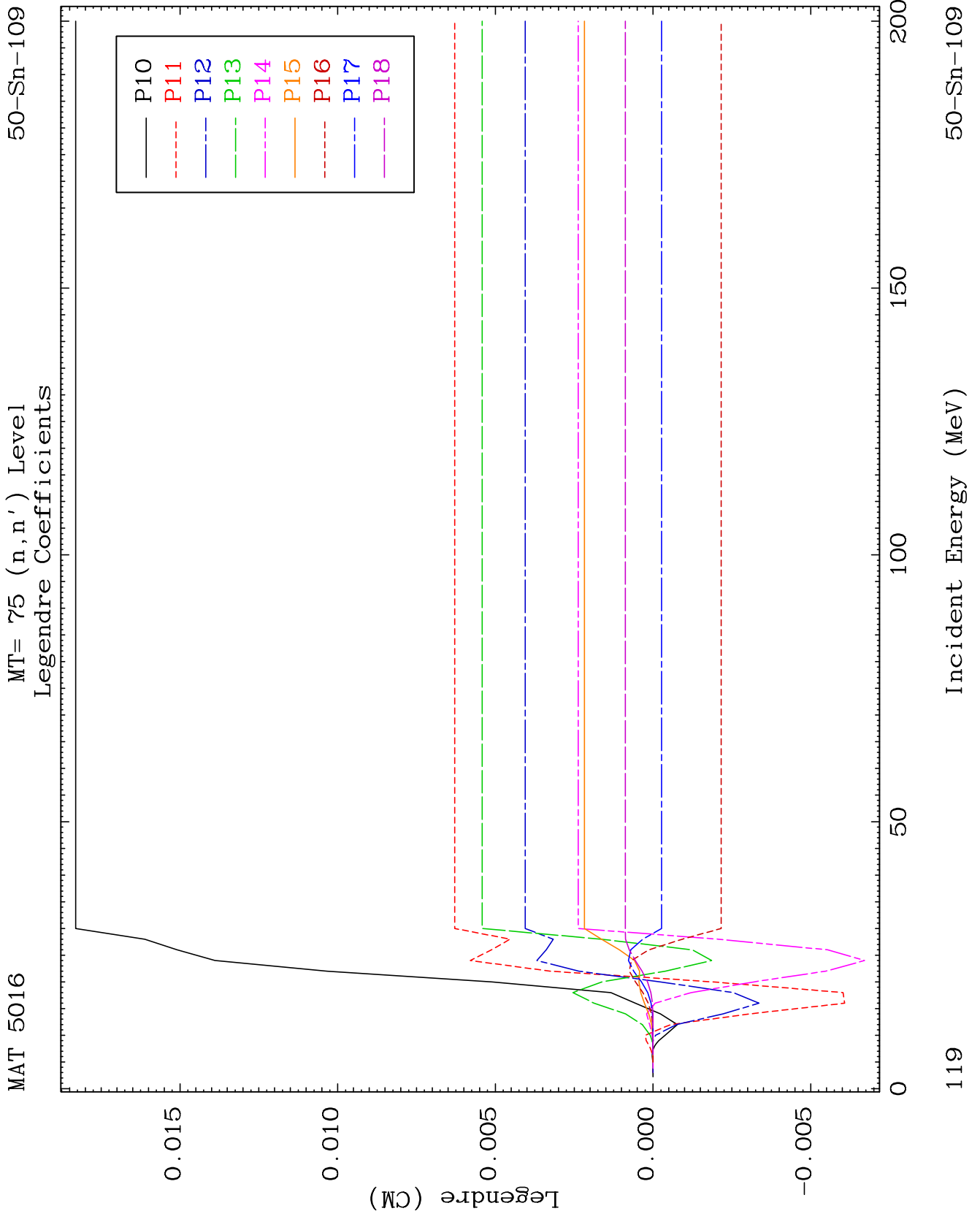
MT= 74 (n,n') Level  
Legendre Coefficients

50-Sn-109



117

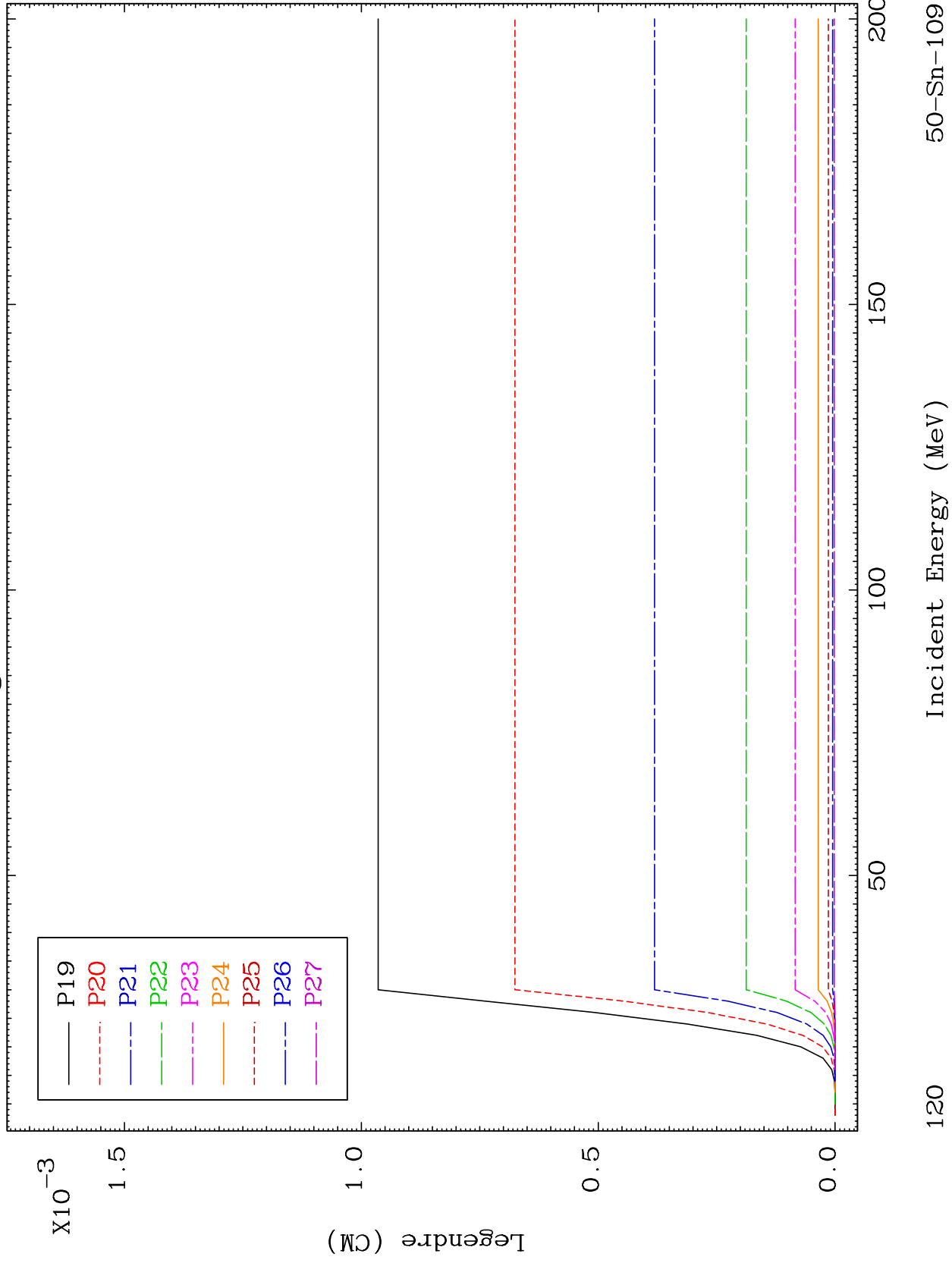


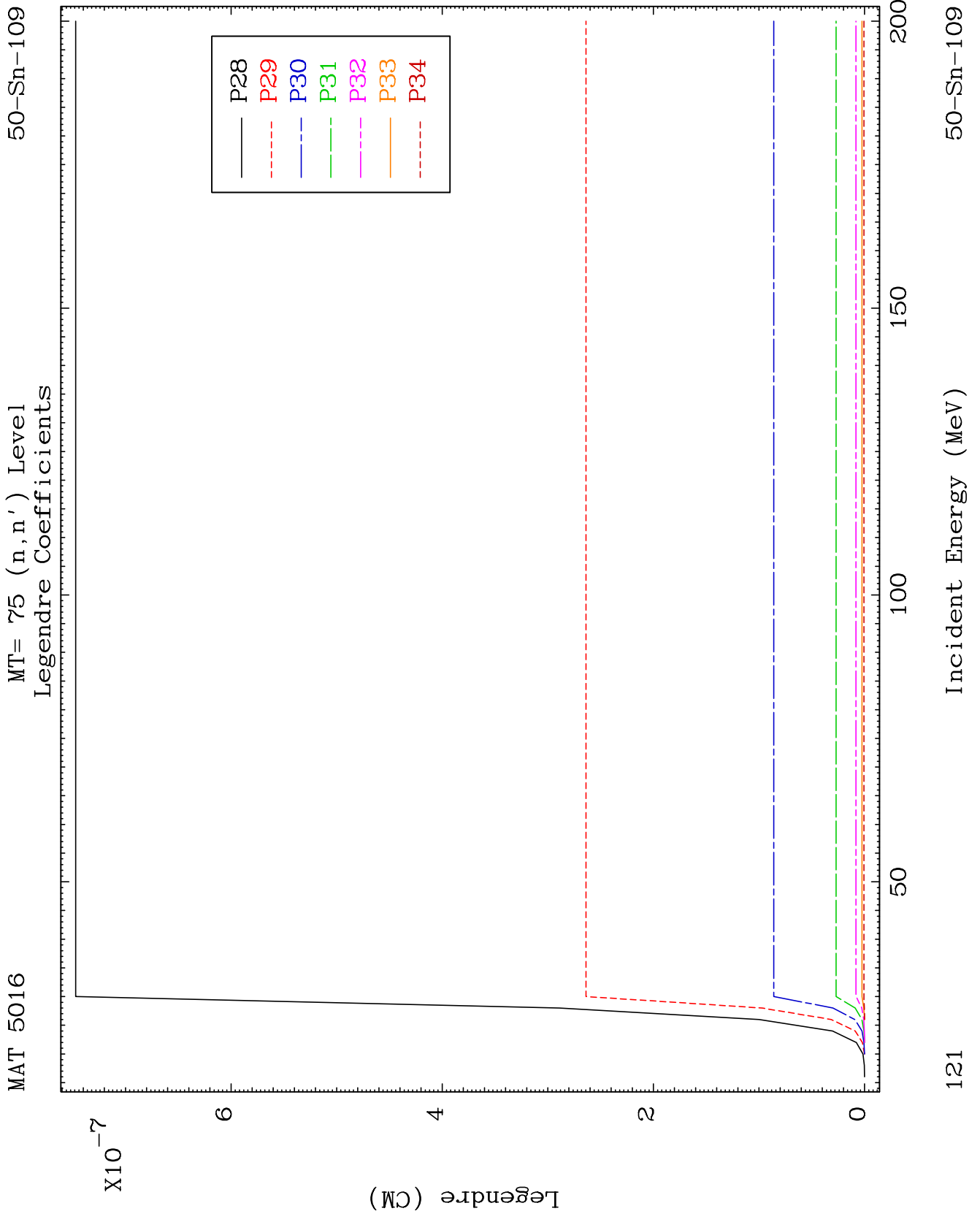


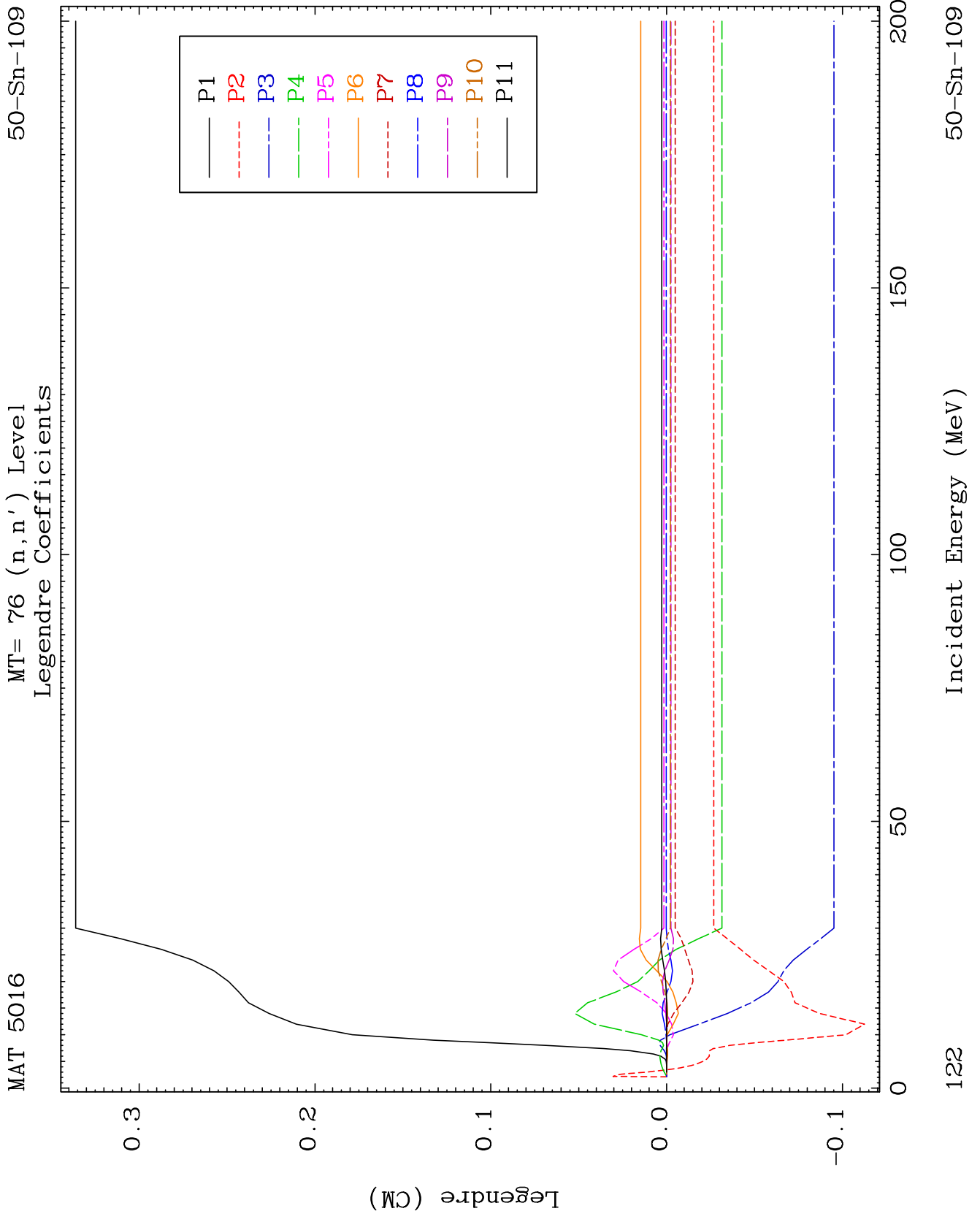
MAT 5016

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

50-Sn-109



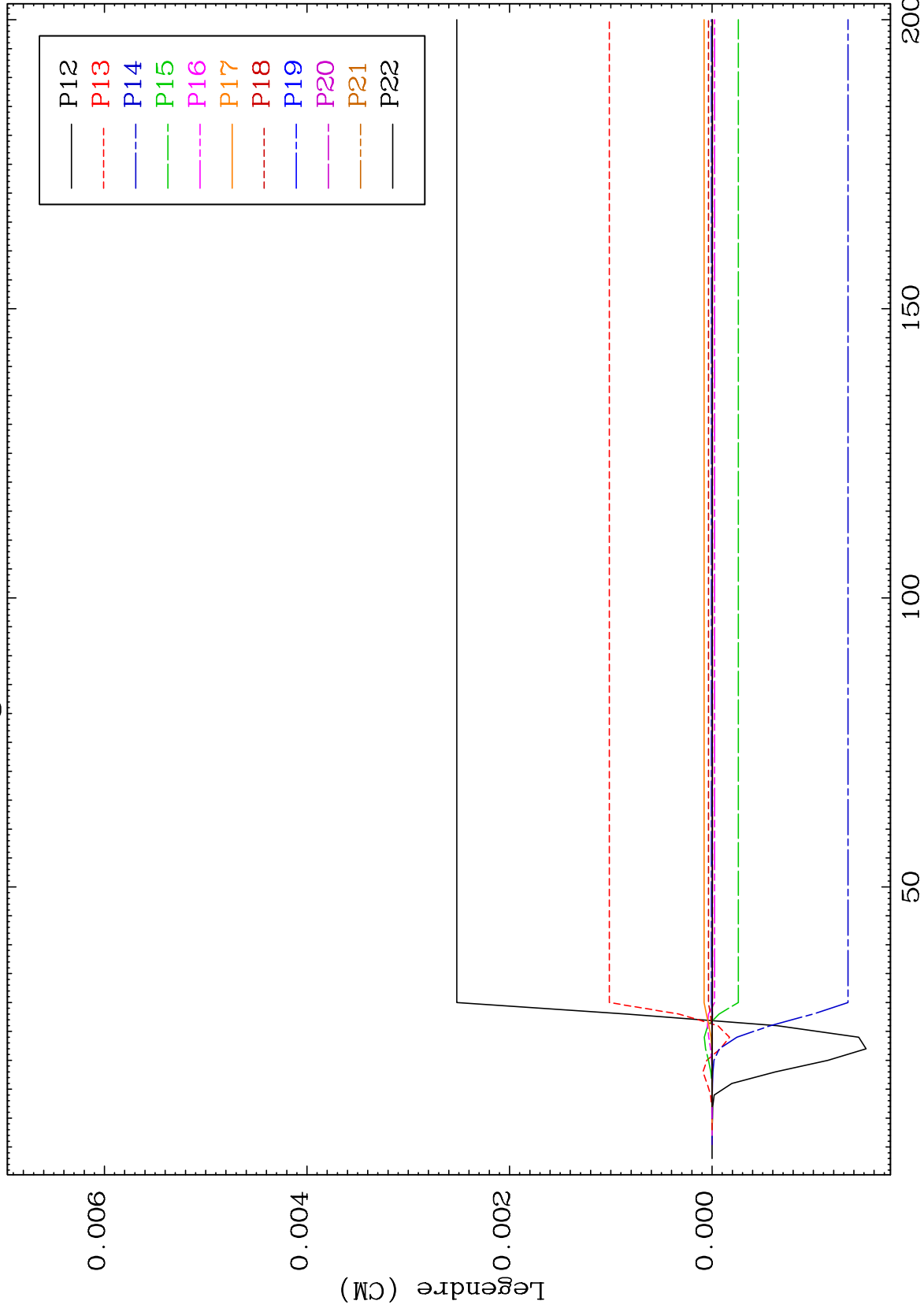




MAT 5016

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

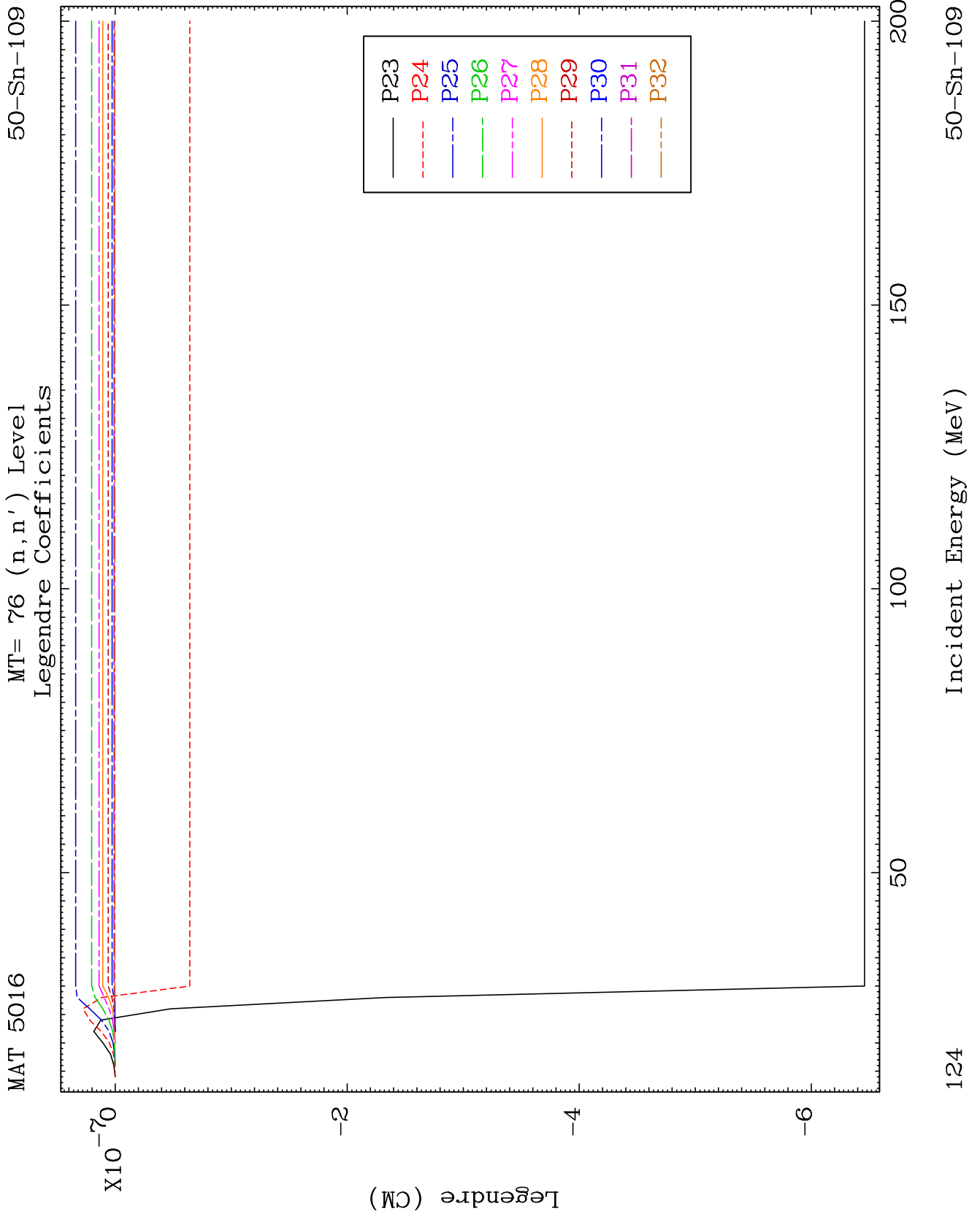
50-Sn-109



123

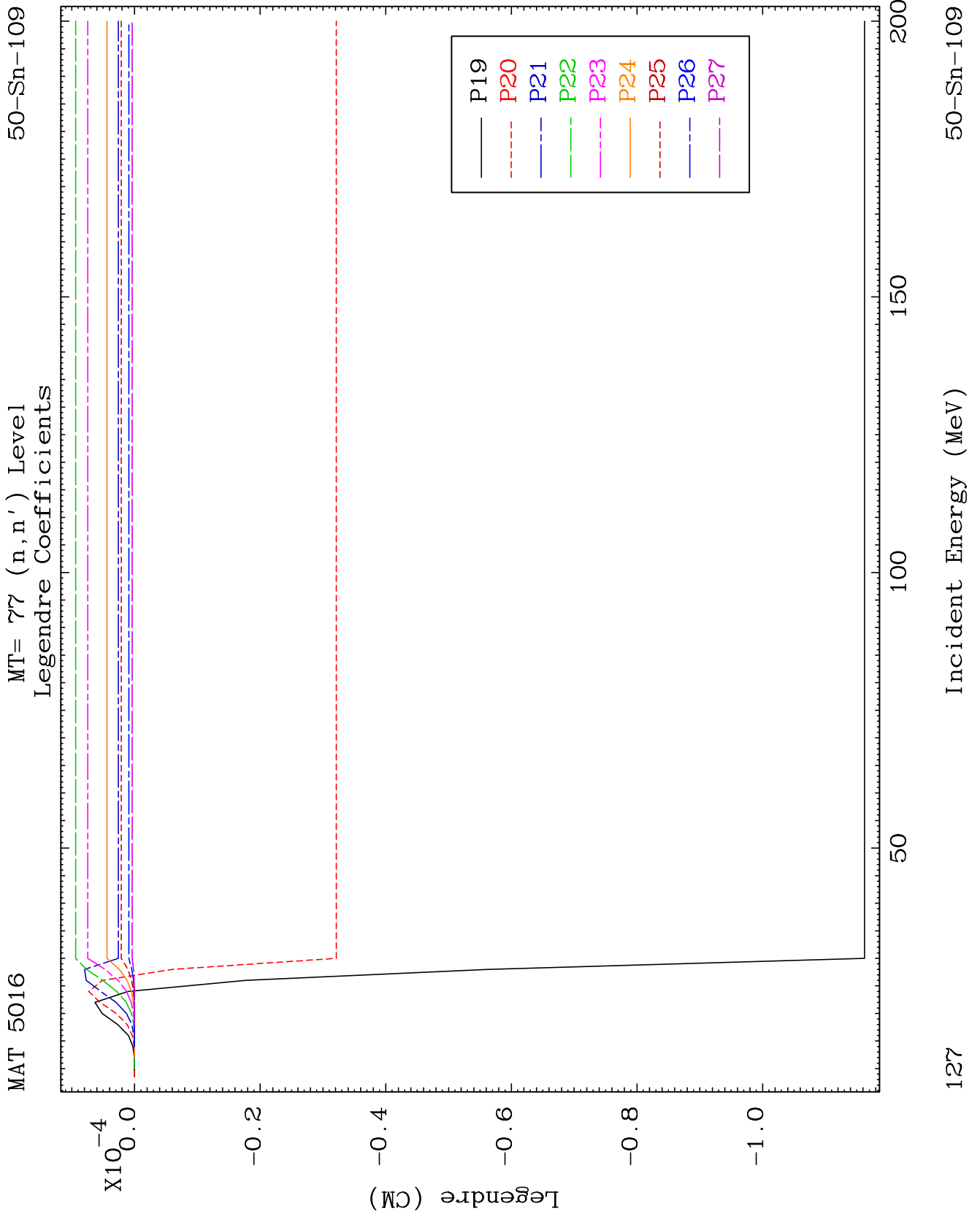
Incident Energy (MeV)

50-Sn-109





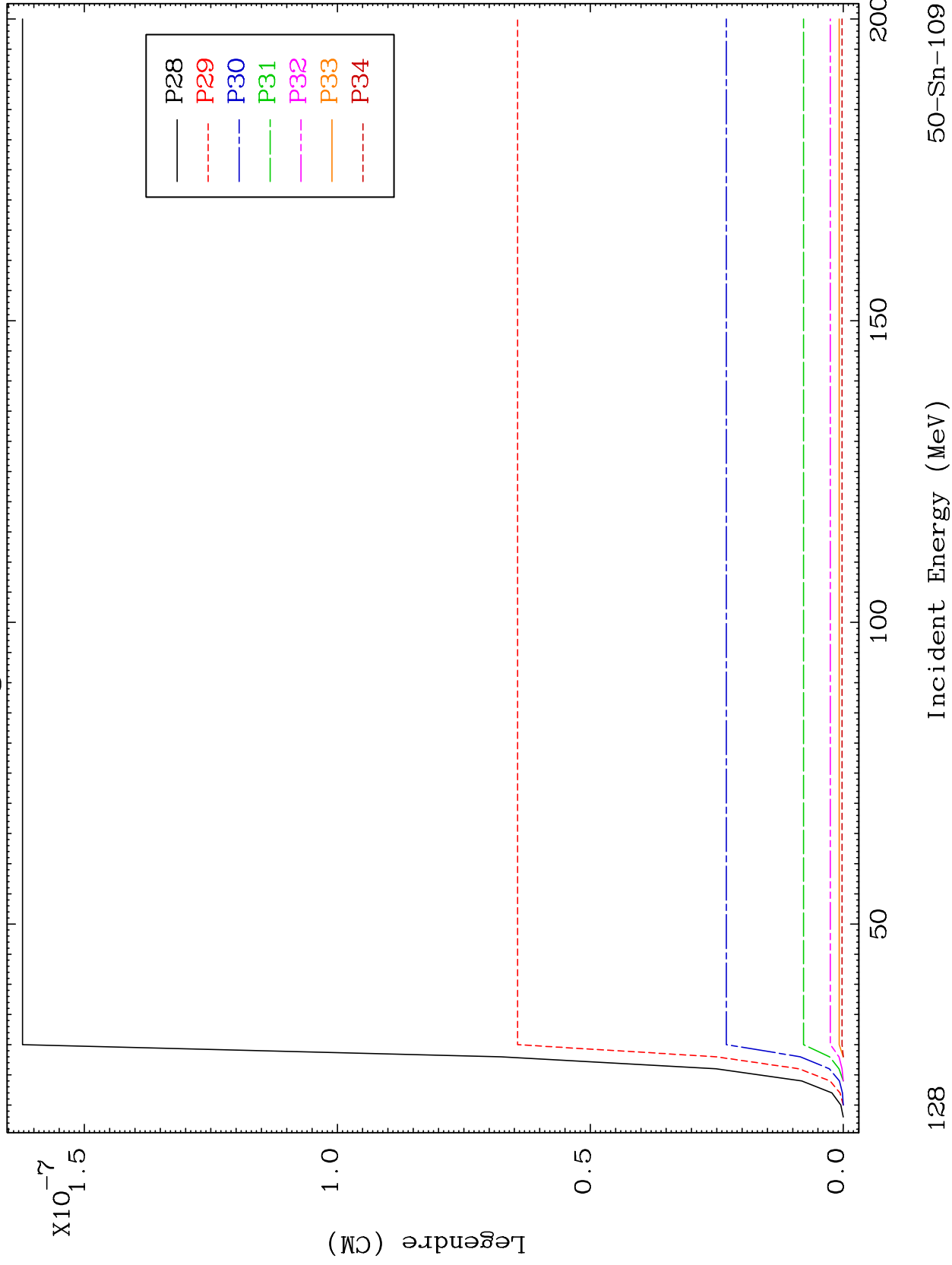




MAT 5016

MT= 77 (n,n') Level  
Legendre Coefficients

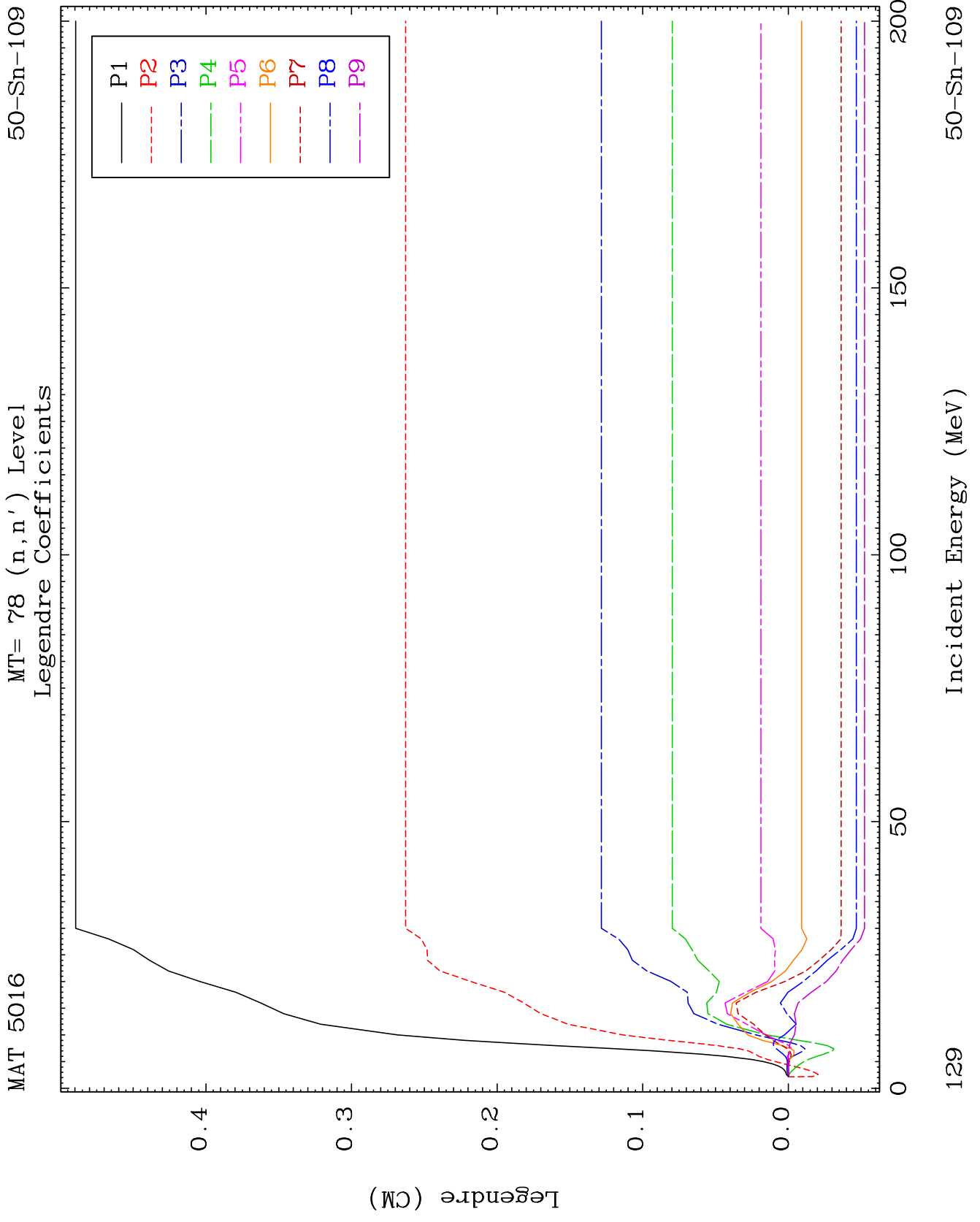
50-Sn-109



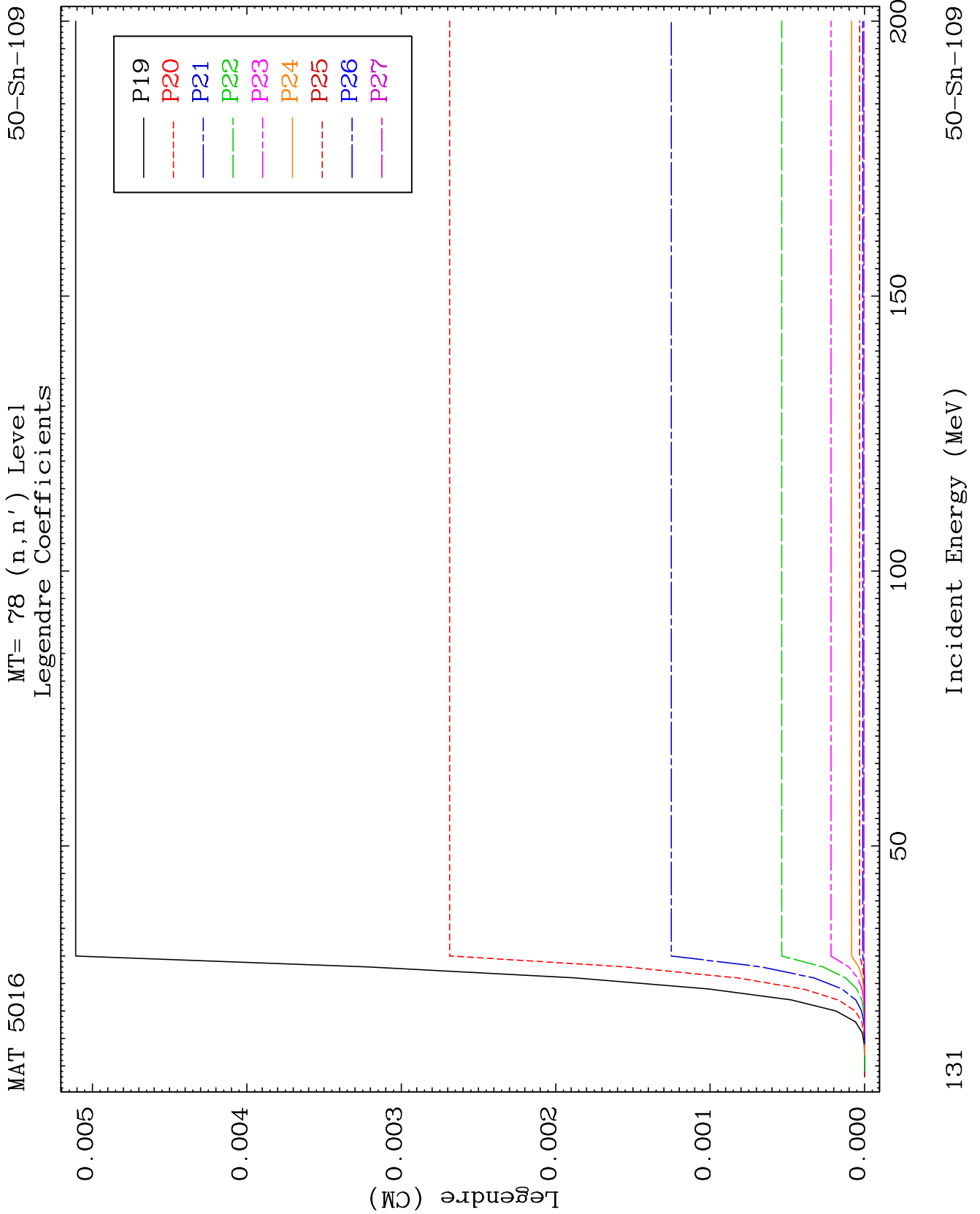
128

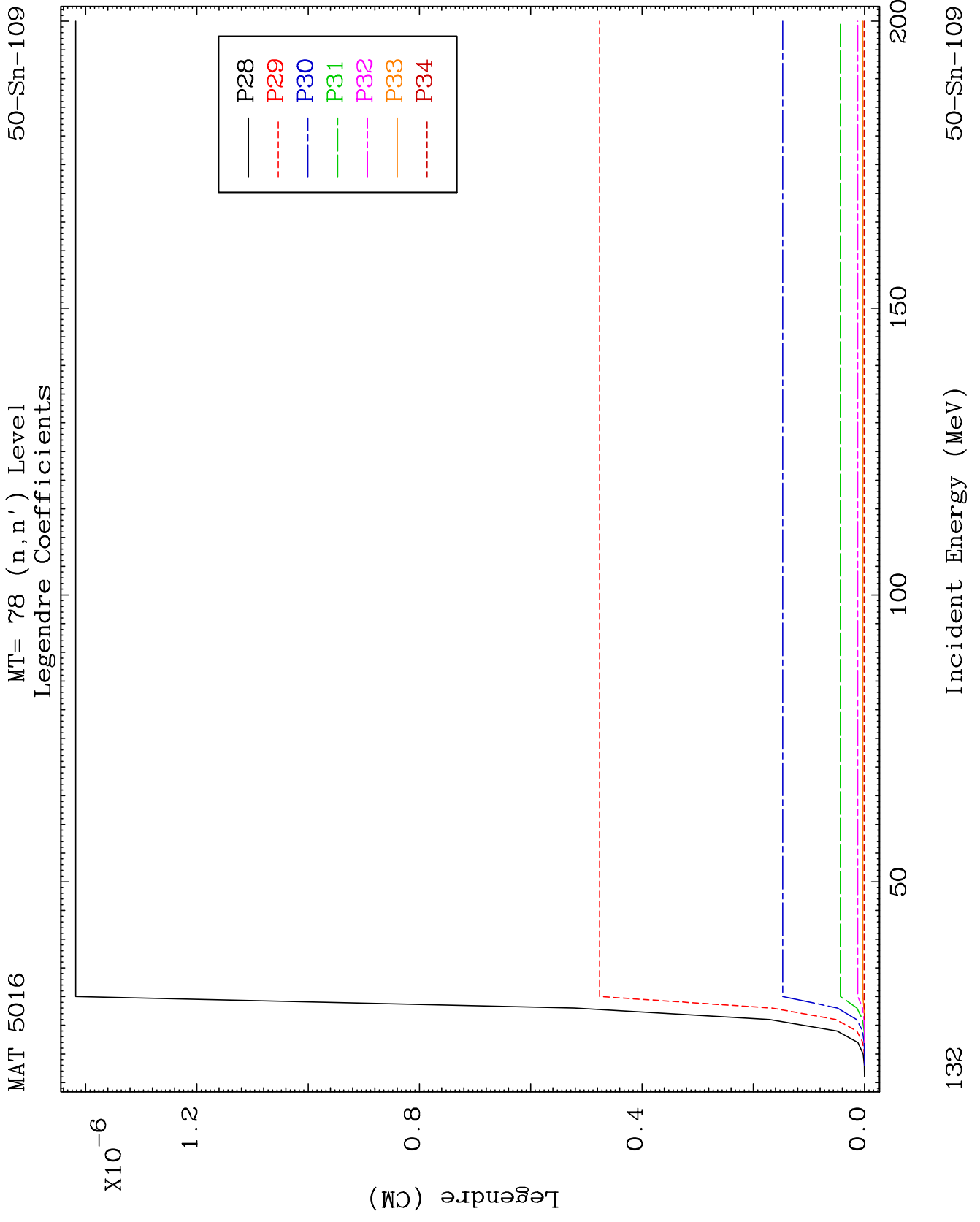
Incident Energy (MeV)

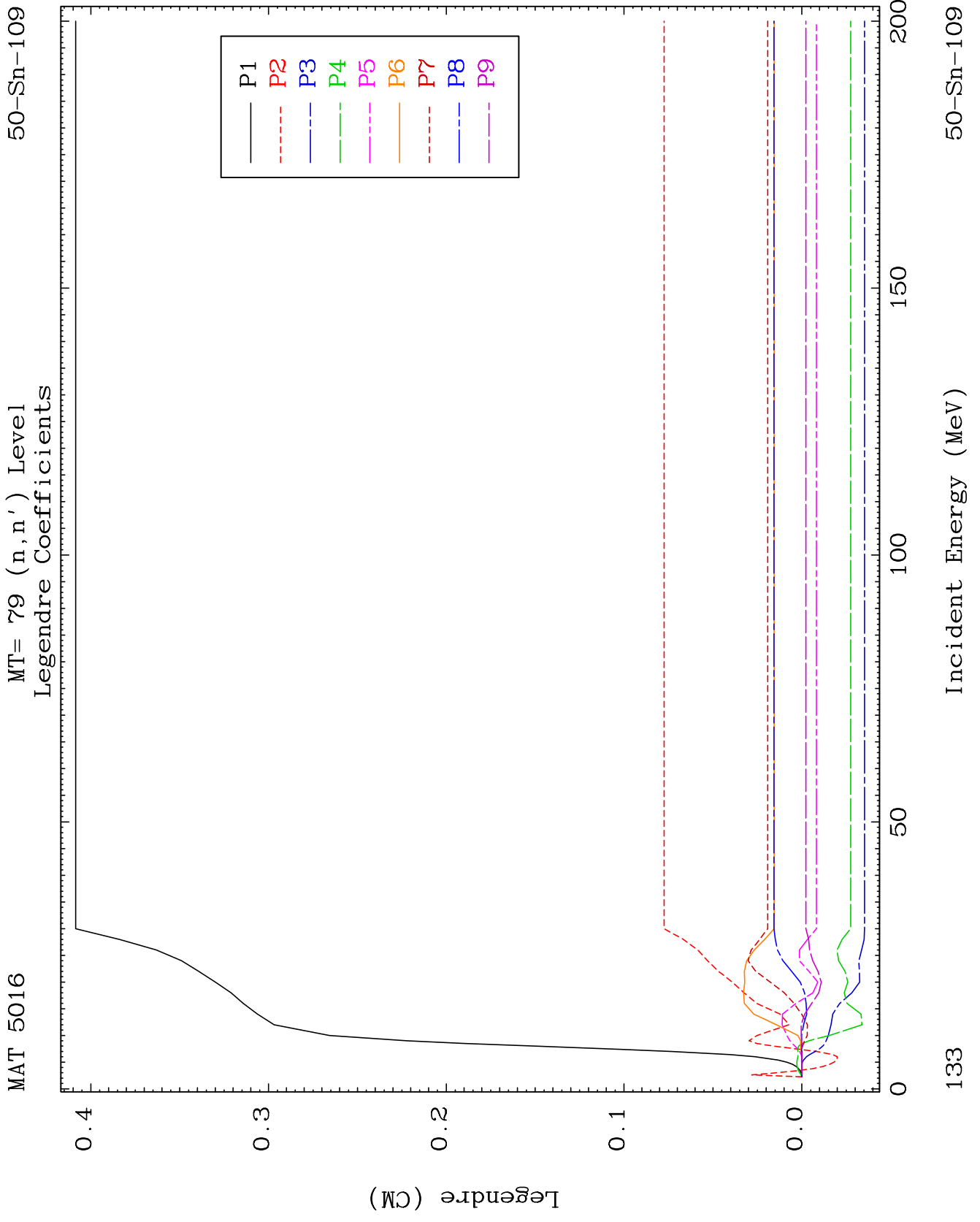
50-Sn-109



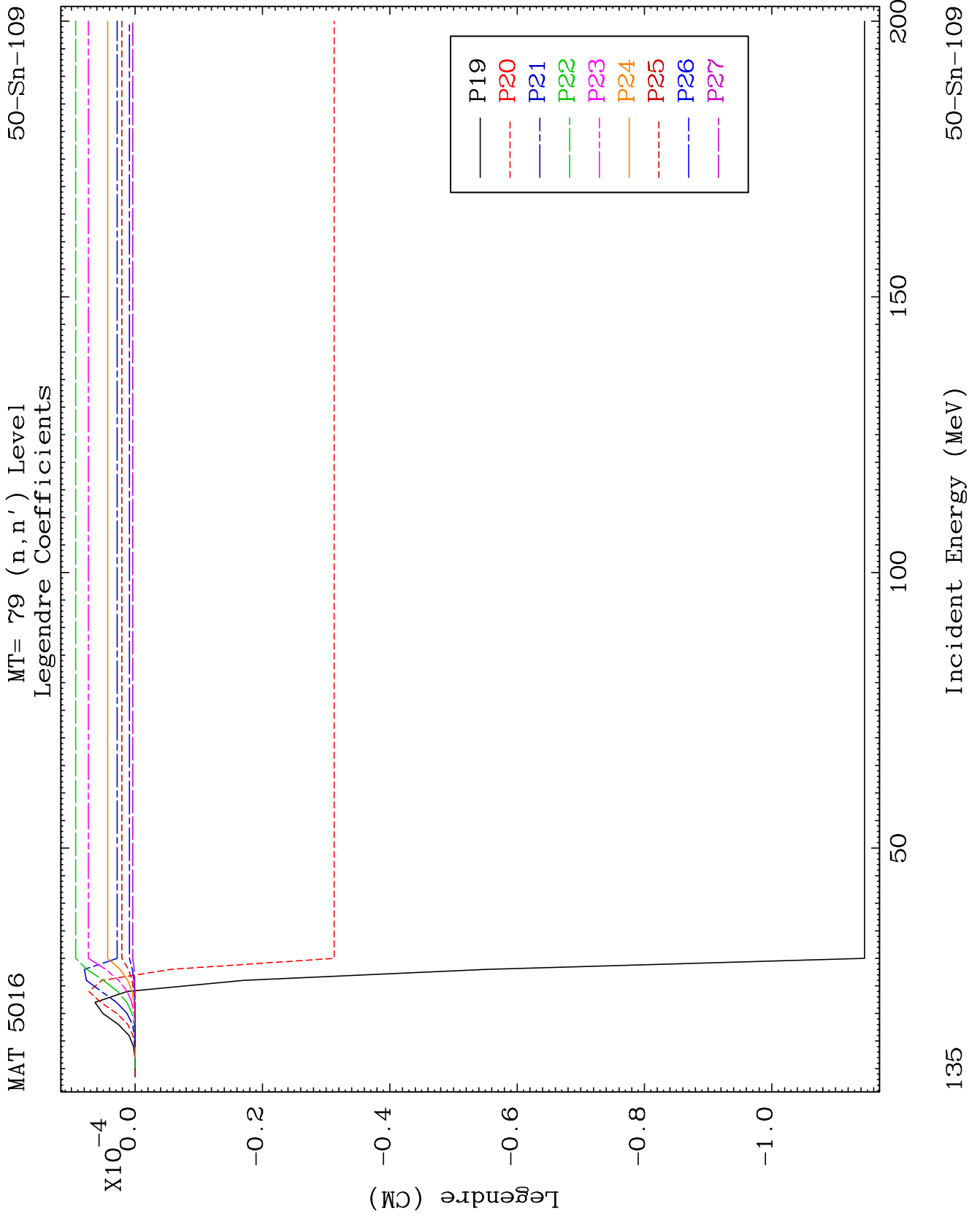




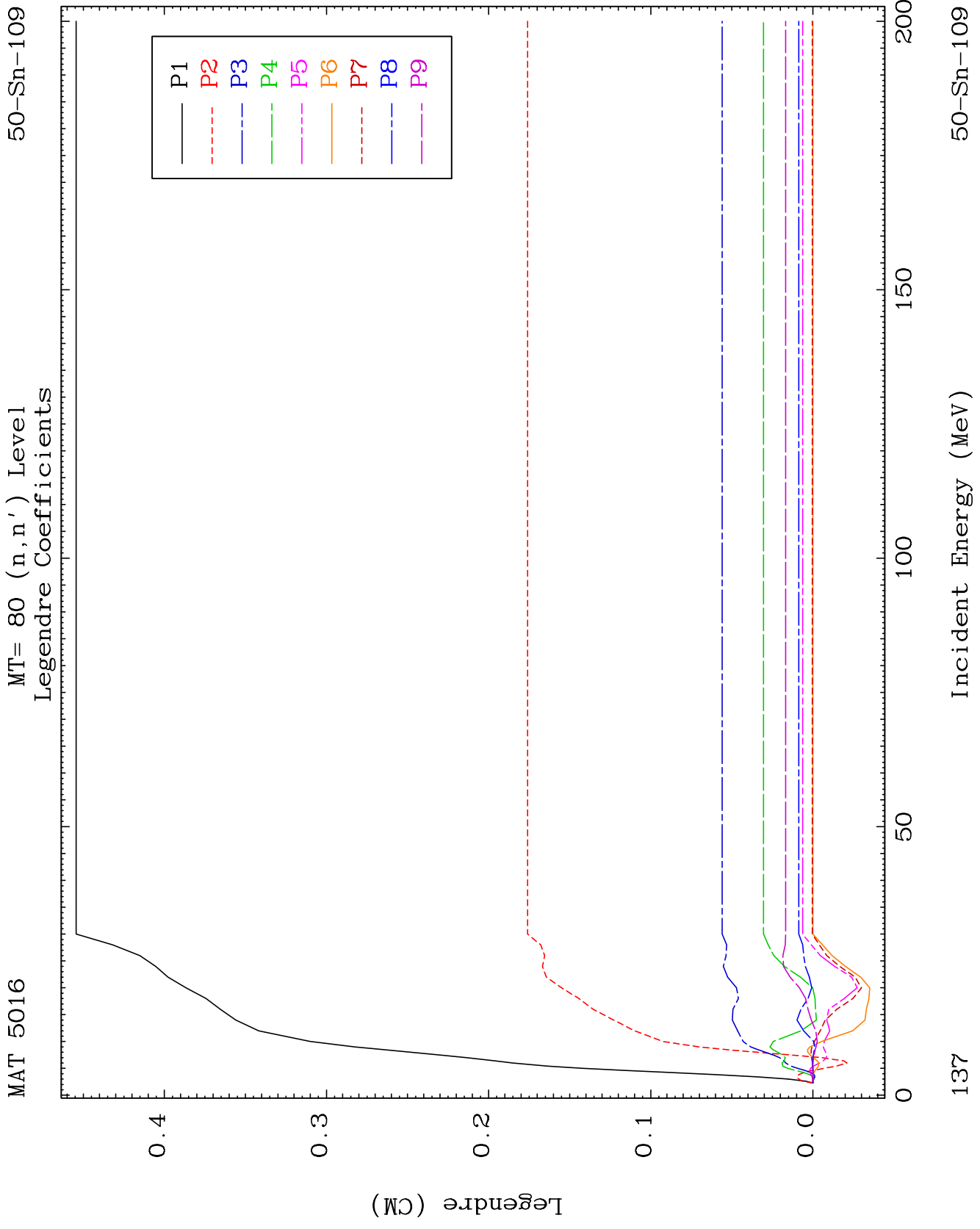


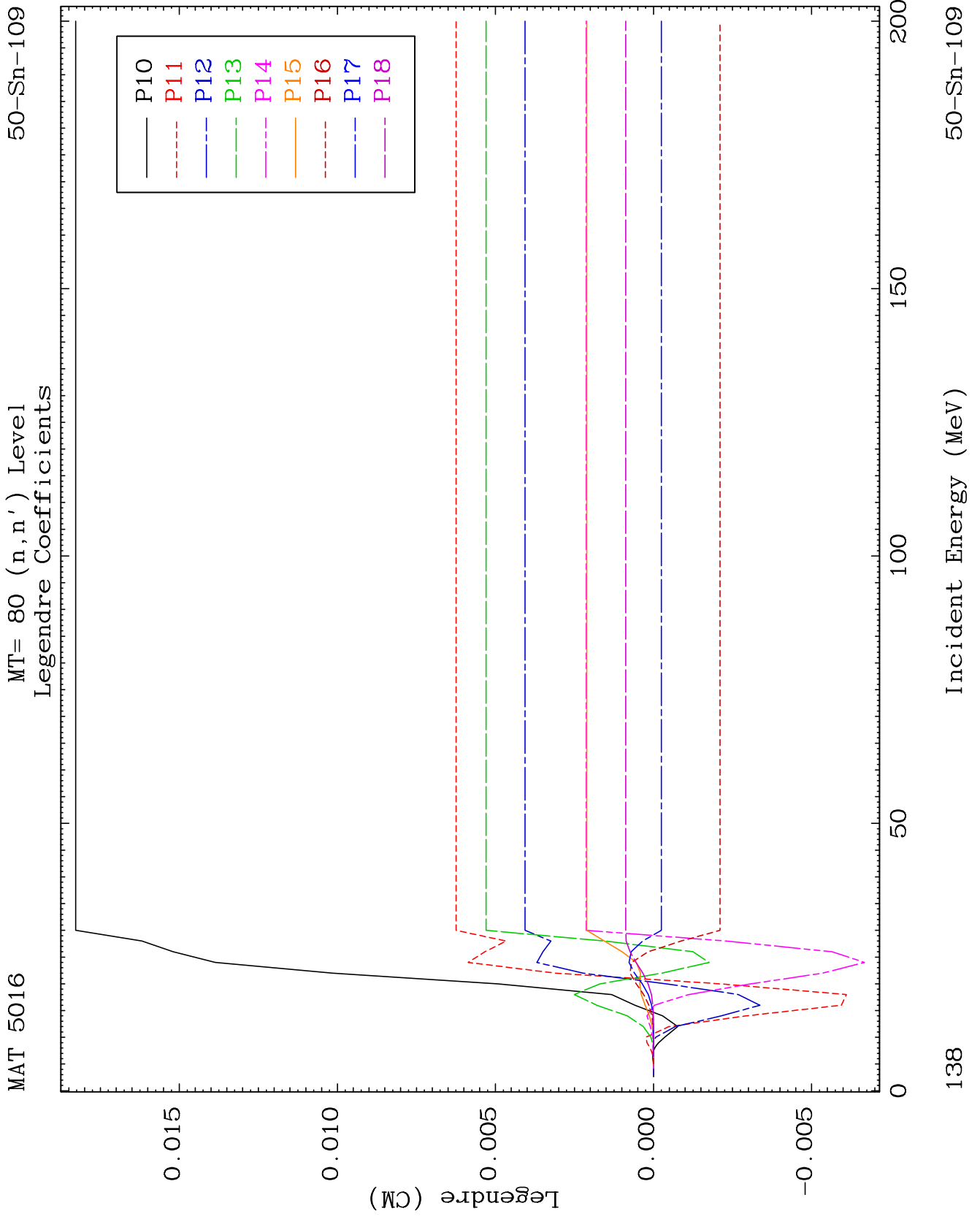








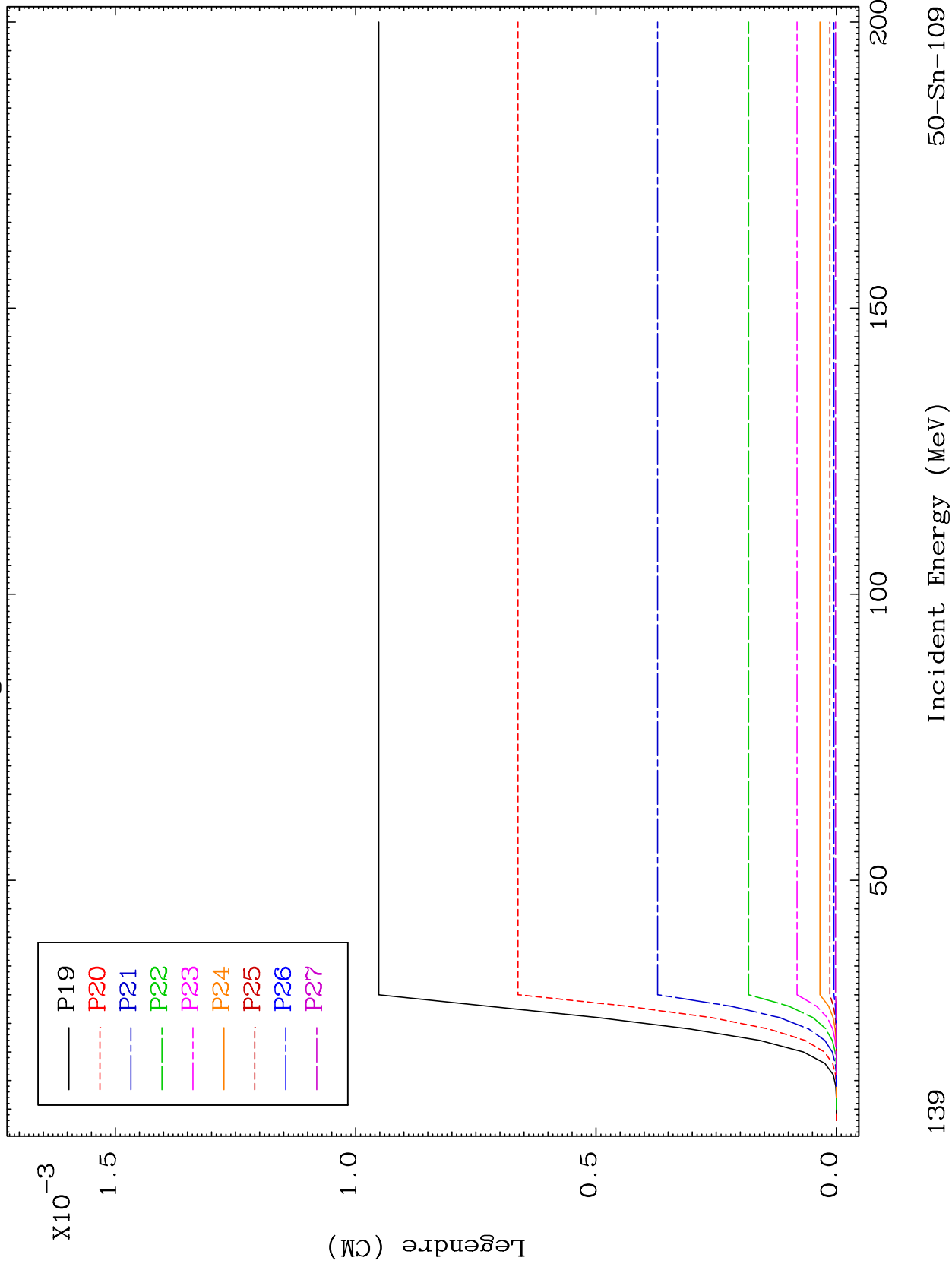




MAT 5016

MT= 80 (n,n') Level  
Legendre Coefficients

50-Sn-109



139

50-Sn-109

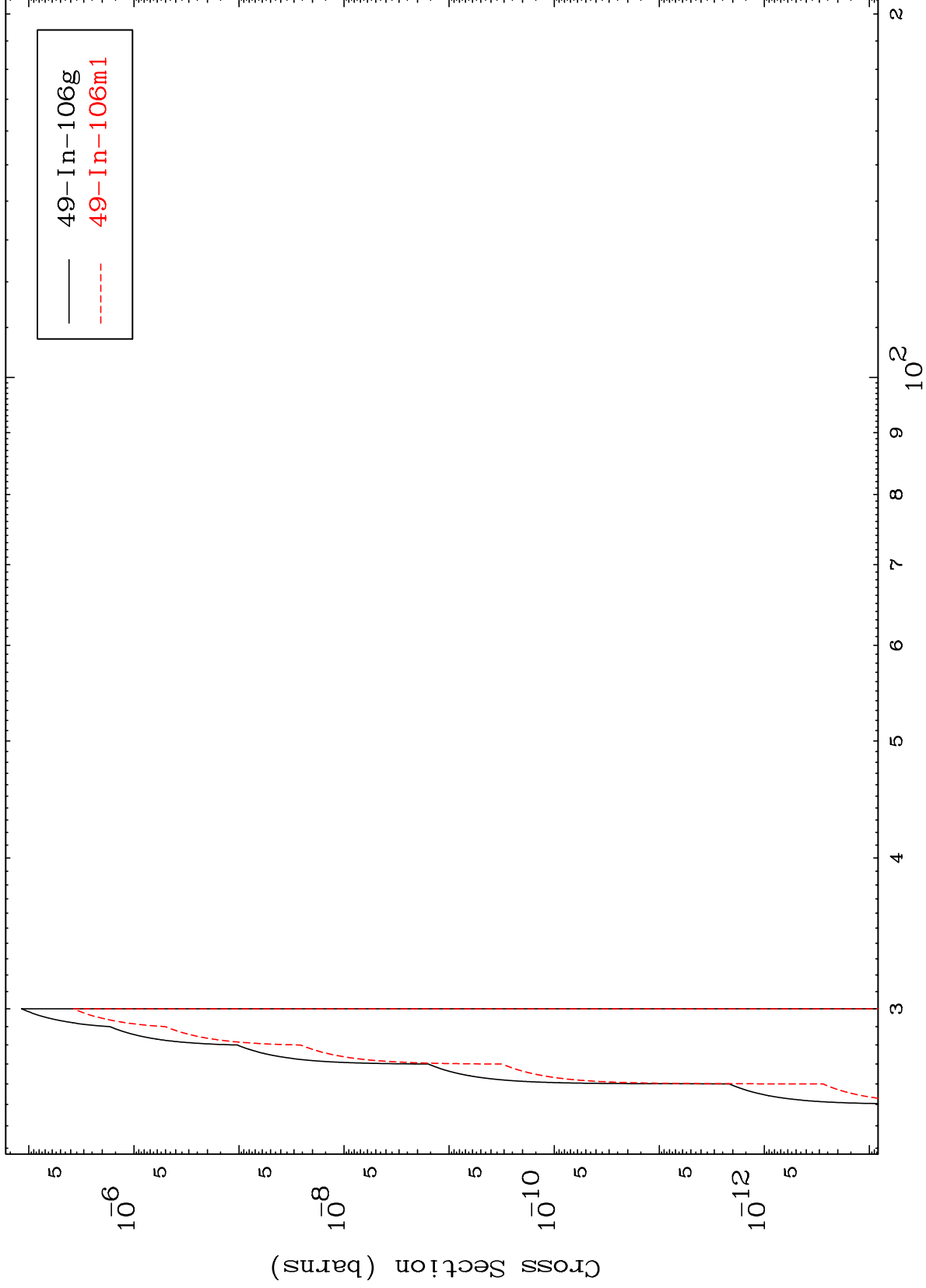


MAT 5016

(n,2n) d

50-Sn-109

Radionuclide Production Cross Section



141

Incident Energy (MeV)

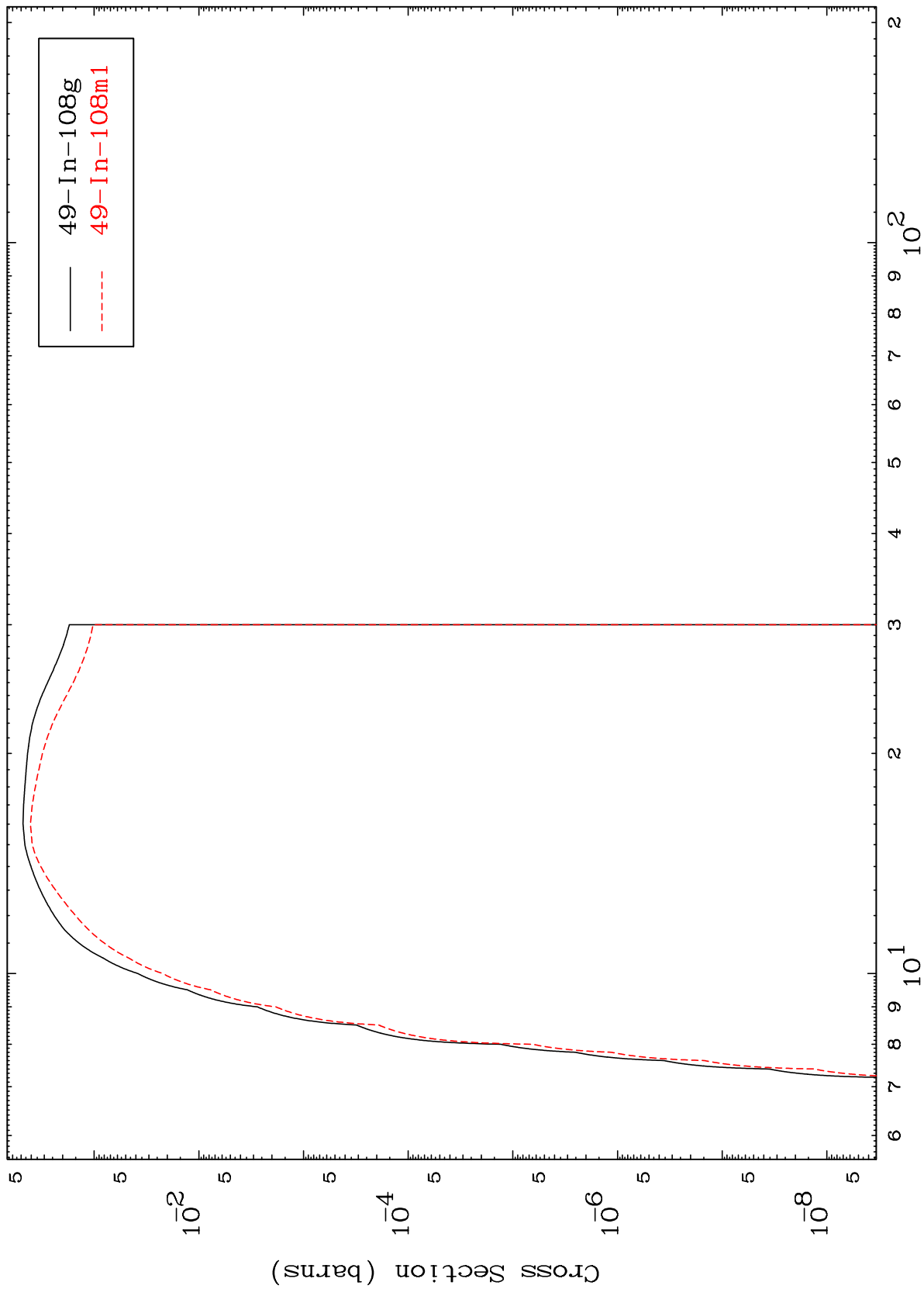
50-Sn-109

MAT 5016

(n,n') p

50-Sn-109

Radionuclide Production Cross Section



142

Incident Energy (MeV)

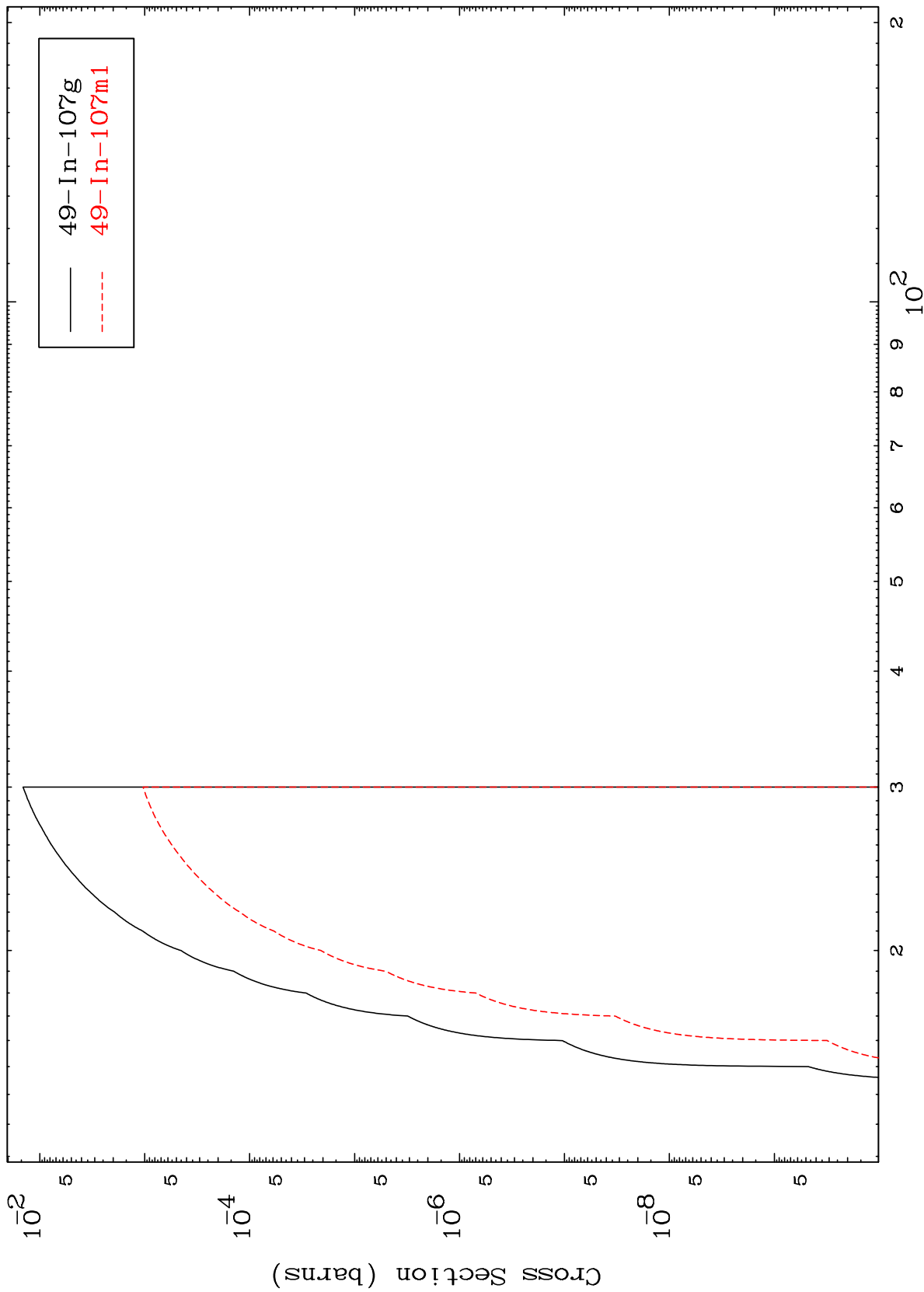
50-Sn-109

MAT 5016

(n,n') d

50-Sn-109

Radionuclide Production Cross Section



143

Incident Energy (MeV)

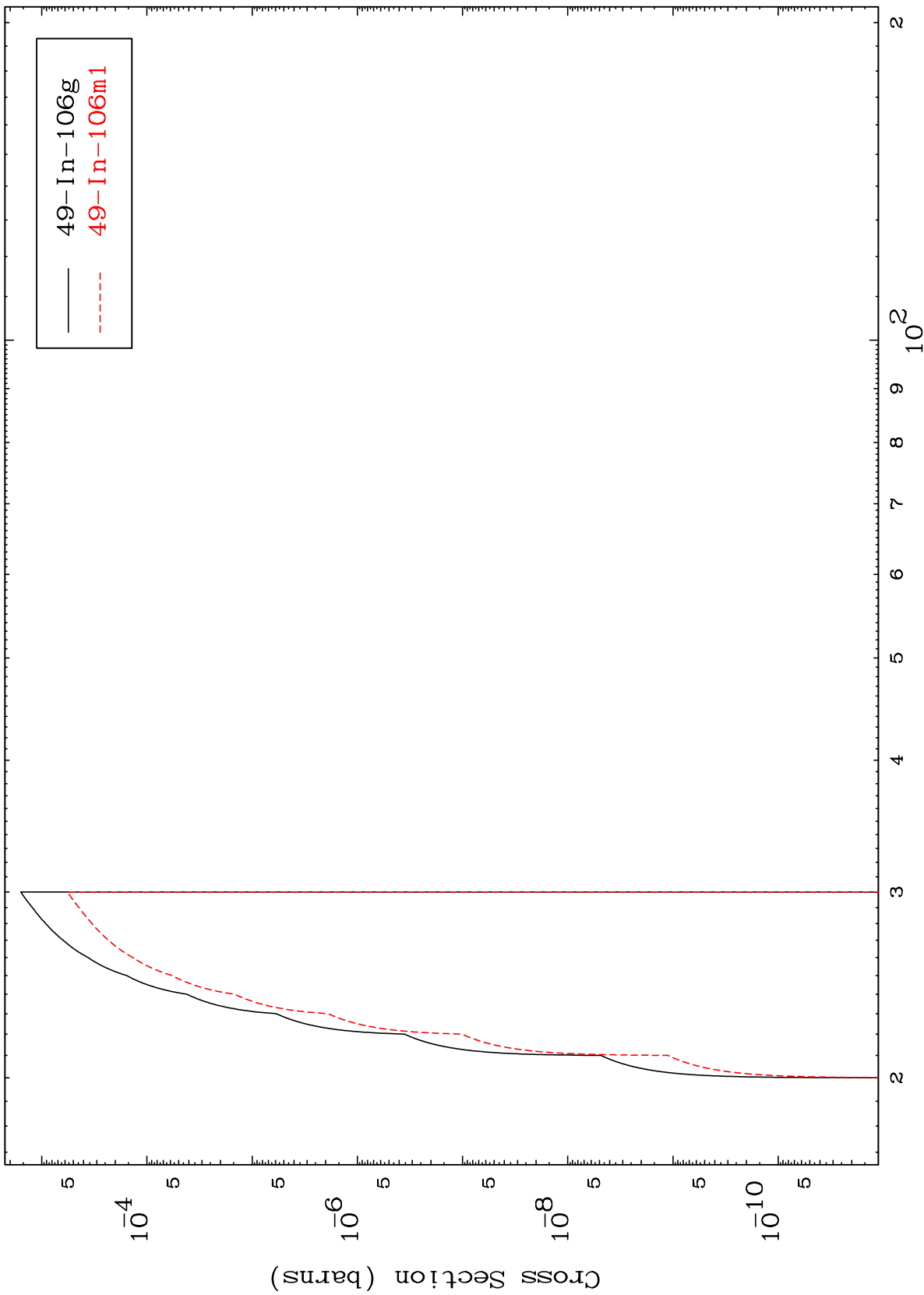
50-Sn-109

MAT 5016

(n,n') t

50-Sn-109

Radionuclide Production Cross Section



144

Incident Energy (MeV)

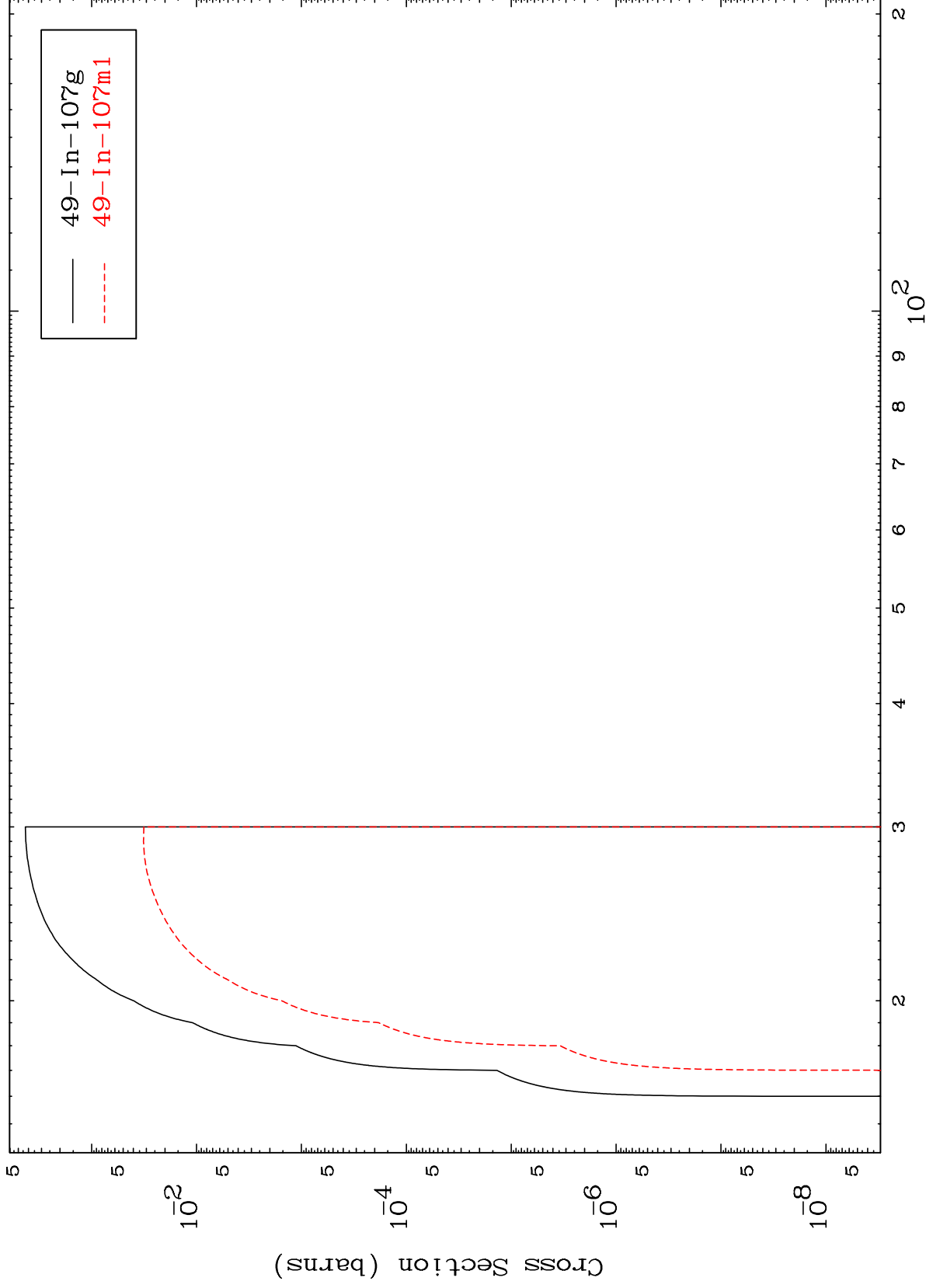
50-Sn-109

MAT 5016

(n,2n) p

50-Sn-109

Radionuclide Production Cross Section



145

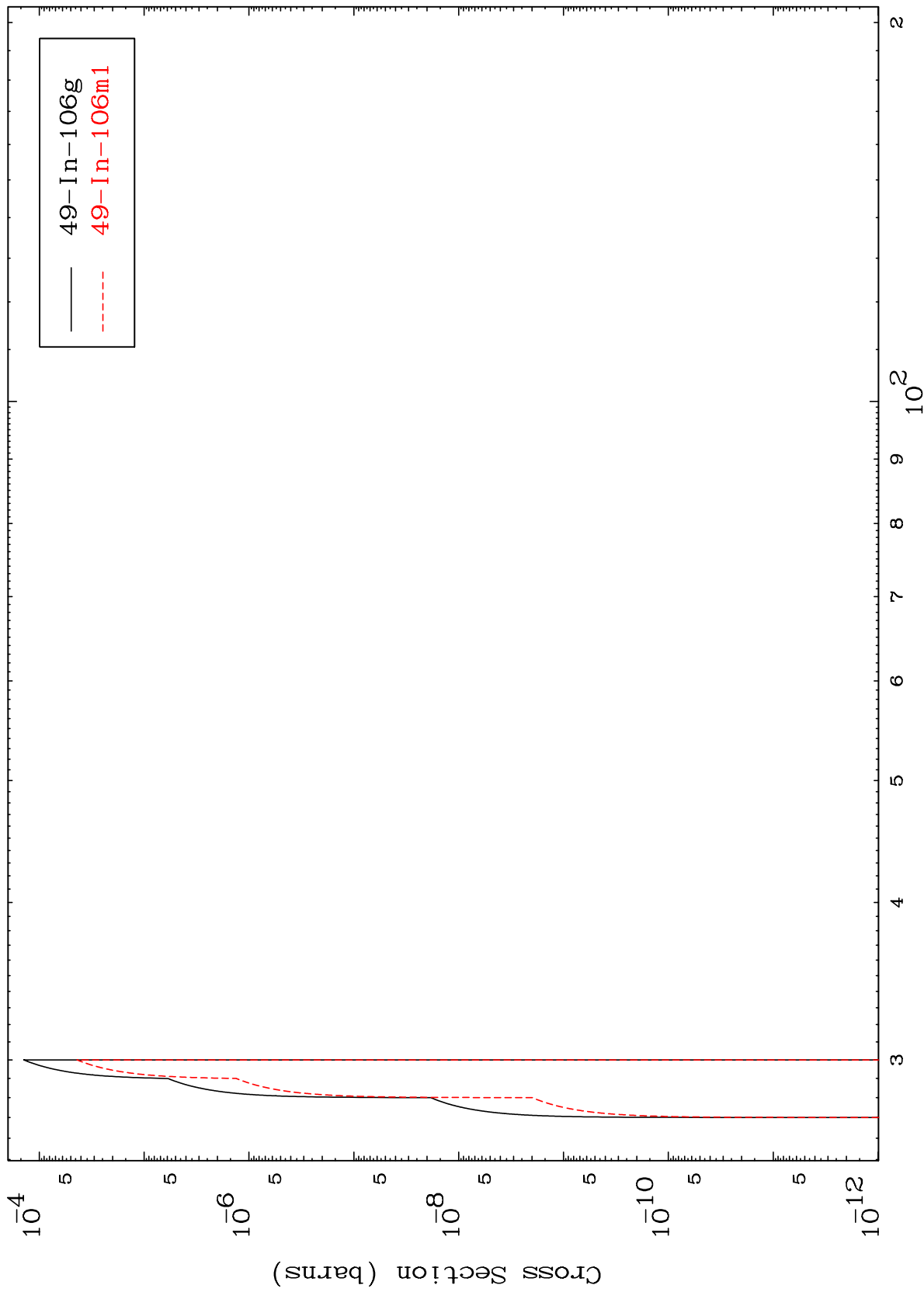
Incident Energy (MeV)

50-Sn-109

MAT 5016

50-Sn-109

(n,3n) p  
Radionuclide Production Cross Section



50-Sn-109

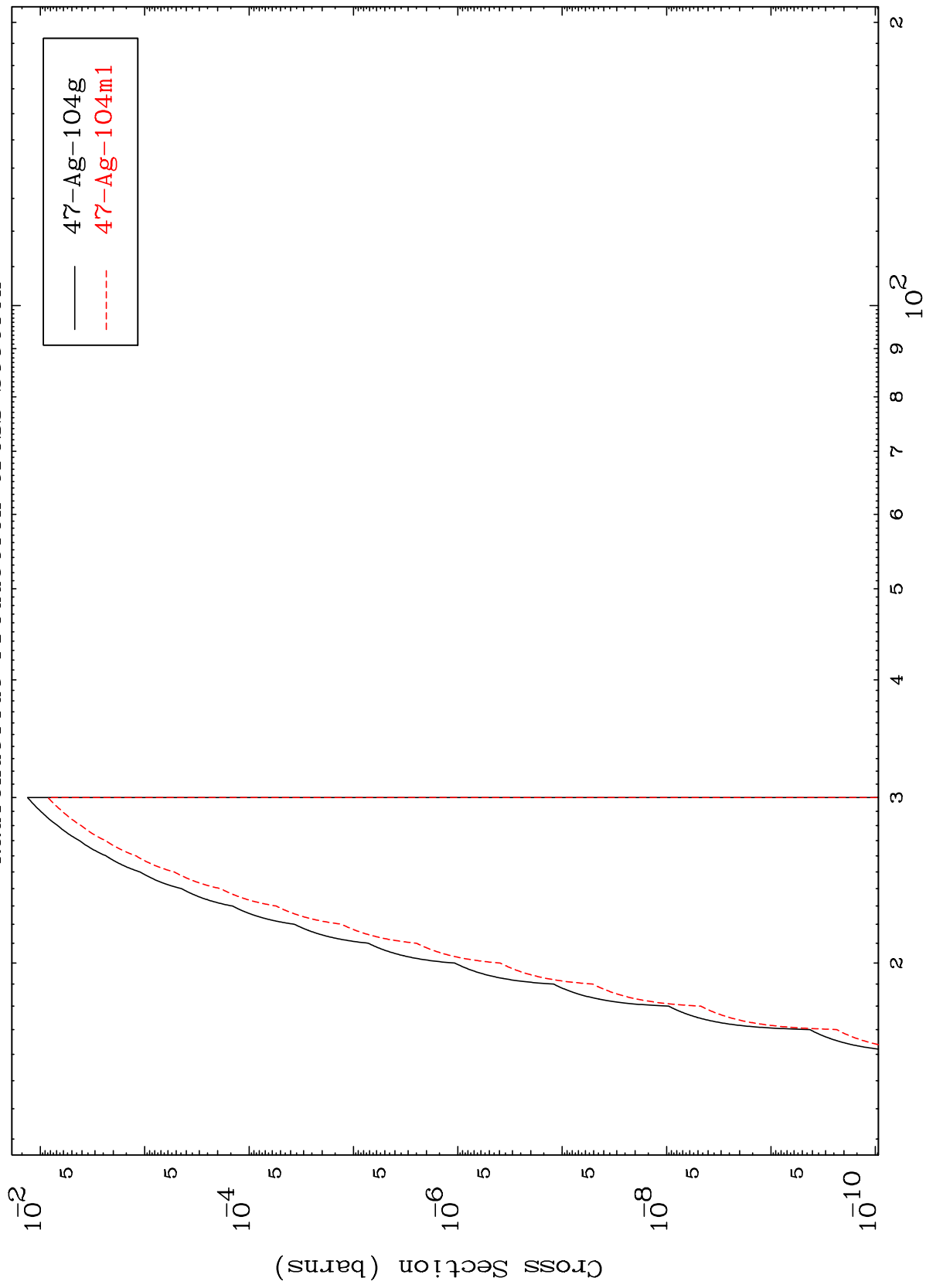
Incident Energy (MeV)

146

MAT 5016

50-Sn-109

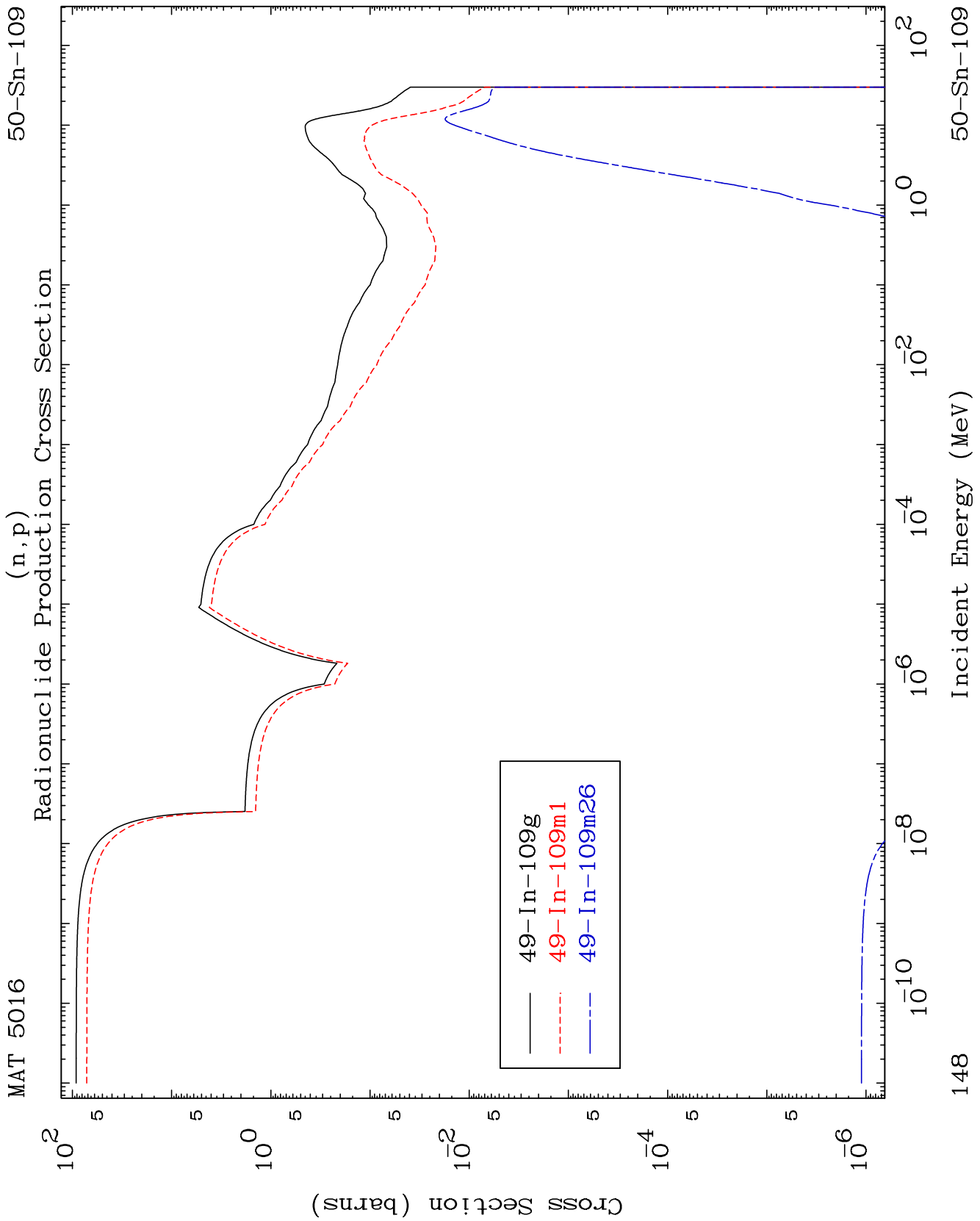
(n,n') p  $\alpha$   
Radionuclide Production Cross Section



147

Incident Energy (MeV)

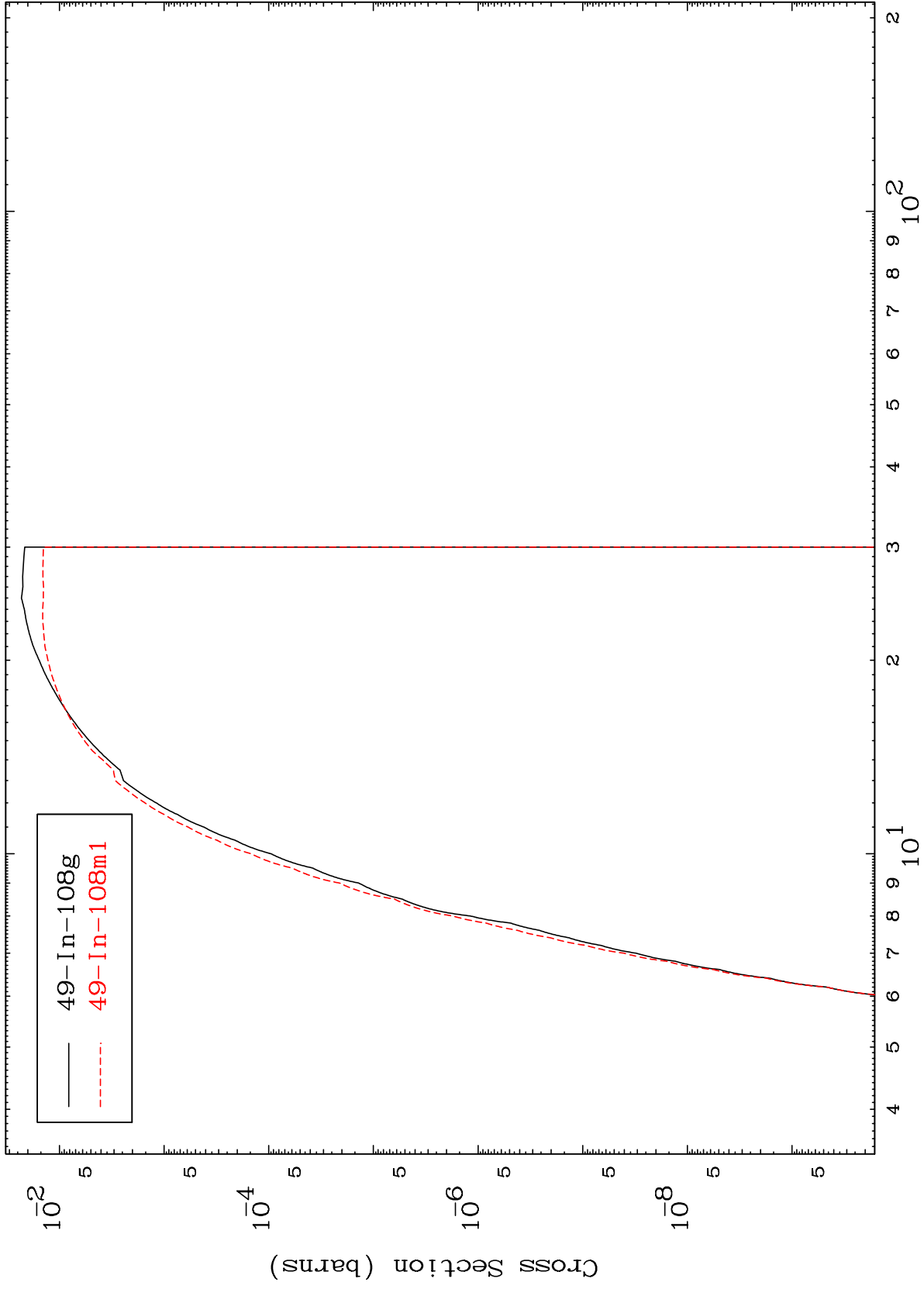
50-Sn-109



MAT 5016

50-Sn-109

(n,d)  
Radionuclide Production Cross Section



149

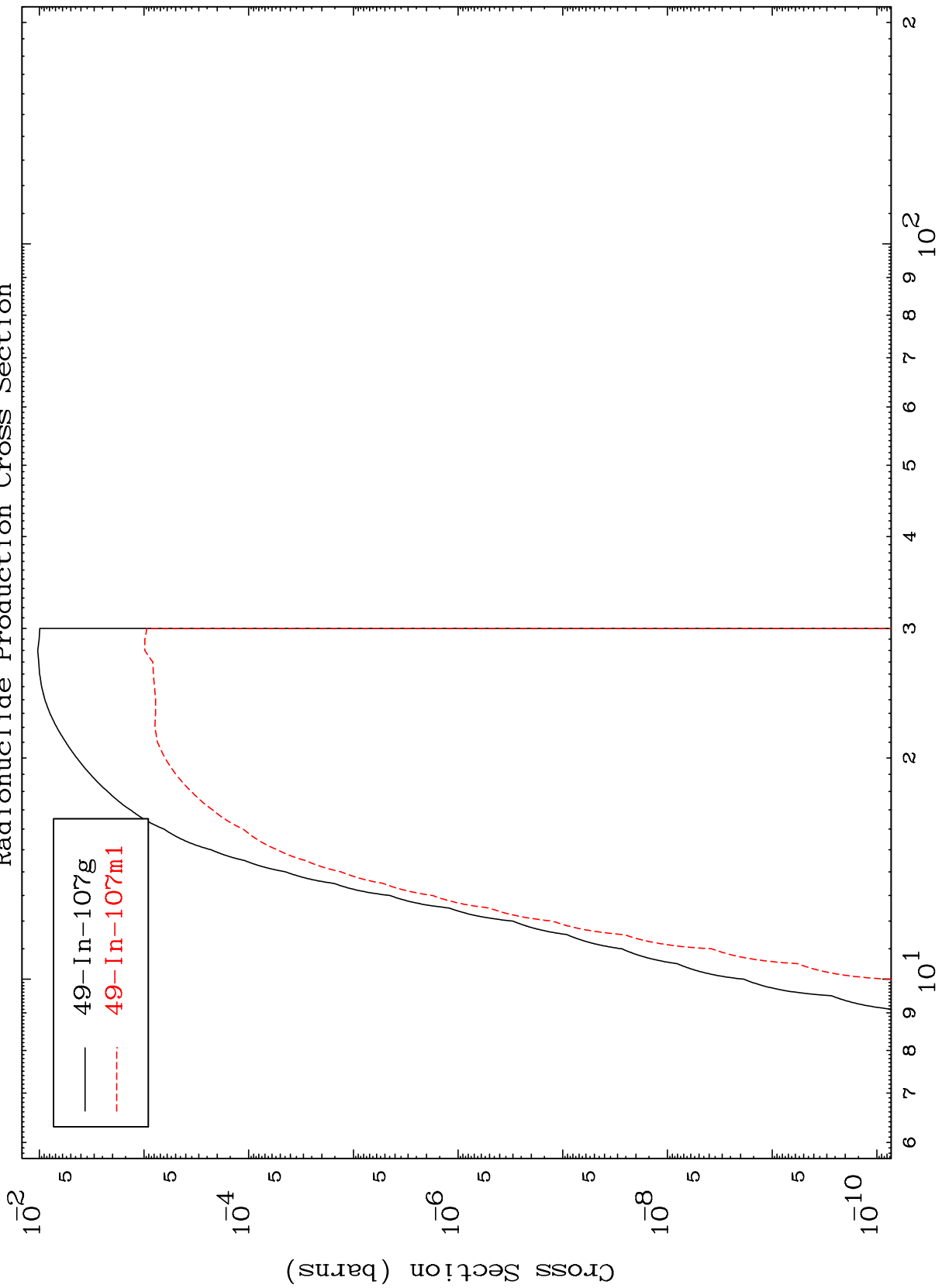
Incident Energy (MeV)

50-Sn-109

MAT 5016

50-Sn-109

Radionuclide Production Cross Section (n,t)



150

Incident Energy (MeV)

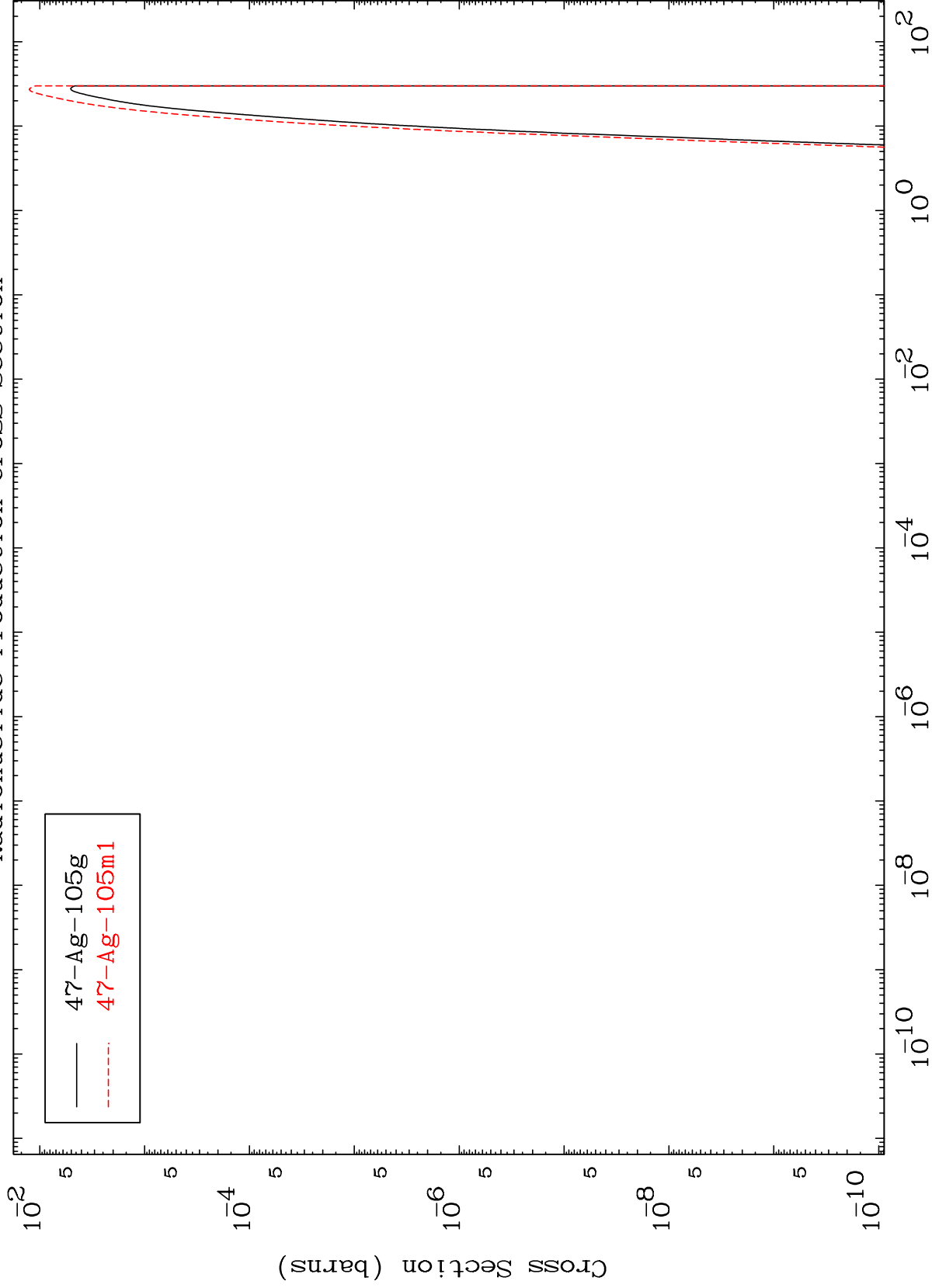
50-Sn-109

MAT 5016

(n,p)  $\alpha$

50-Sn-109

Radionuclide Production Cross Section

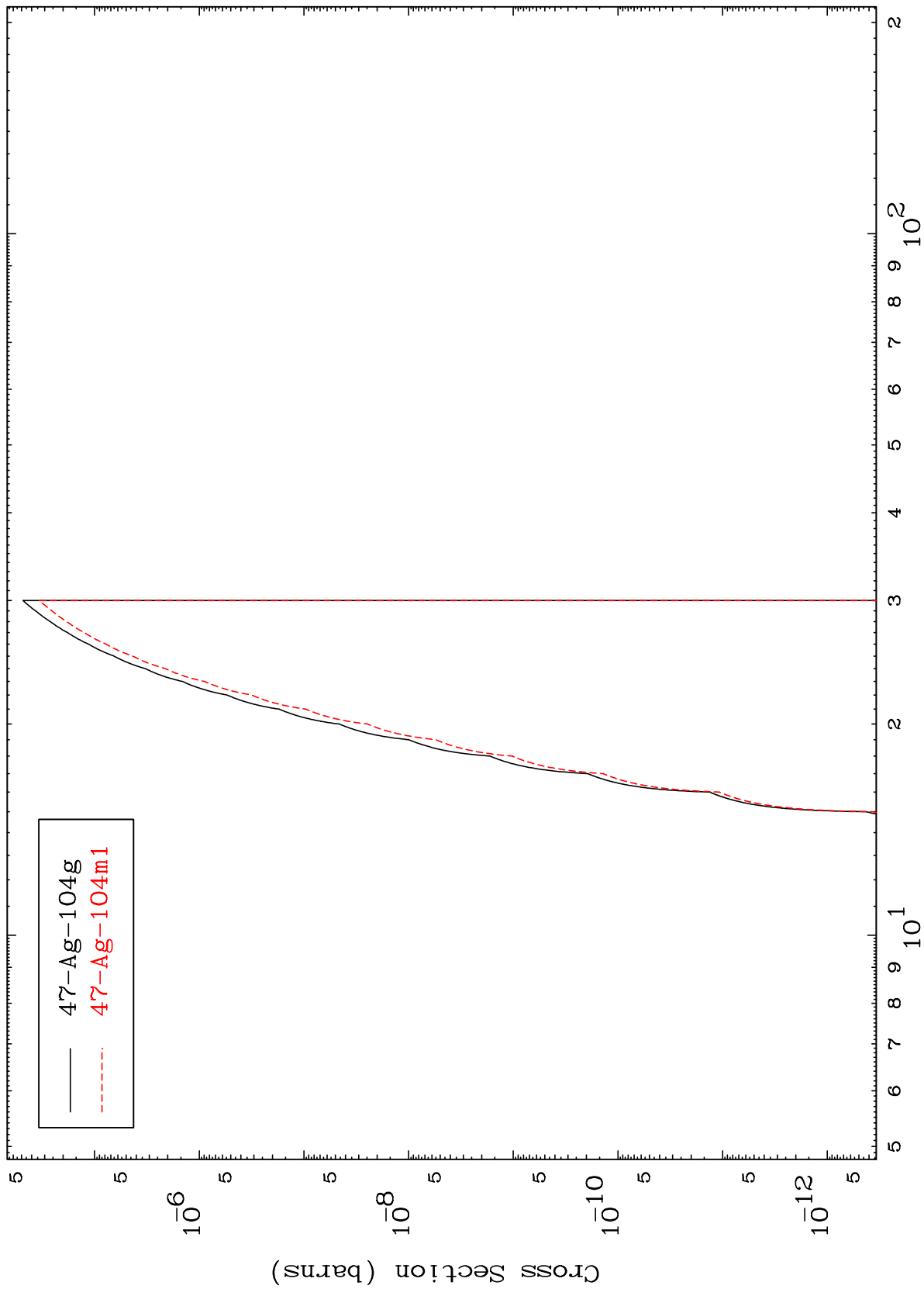


— 47-Ag-105g  
- - - 47-Ag-105m1

MAT 5016

50-Sn-109

(n,d)  $\alpha$   
Radionuclide Production Cross Section



152

Incident Energy (MeV)

50-Sn-109