

Program EVALPLOT  
(Version 2021-1)

by

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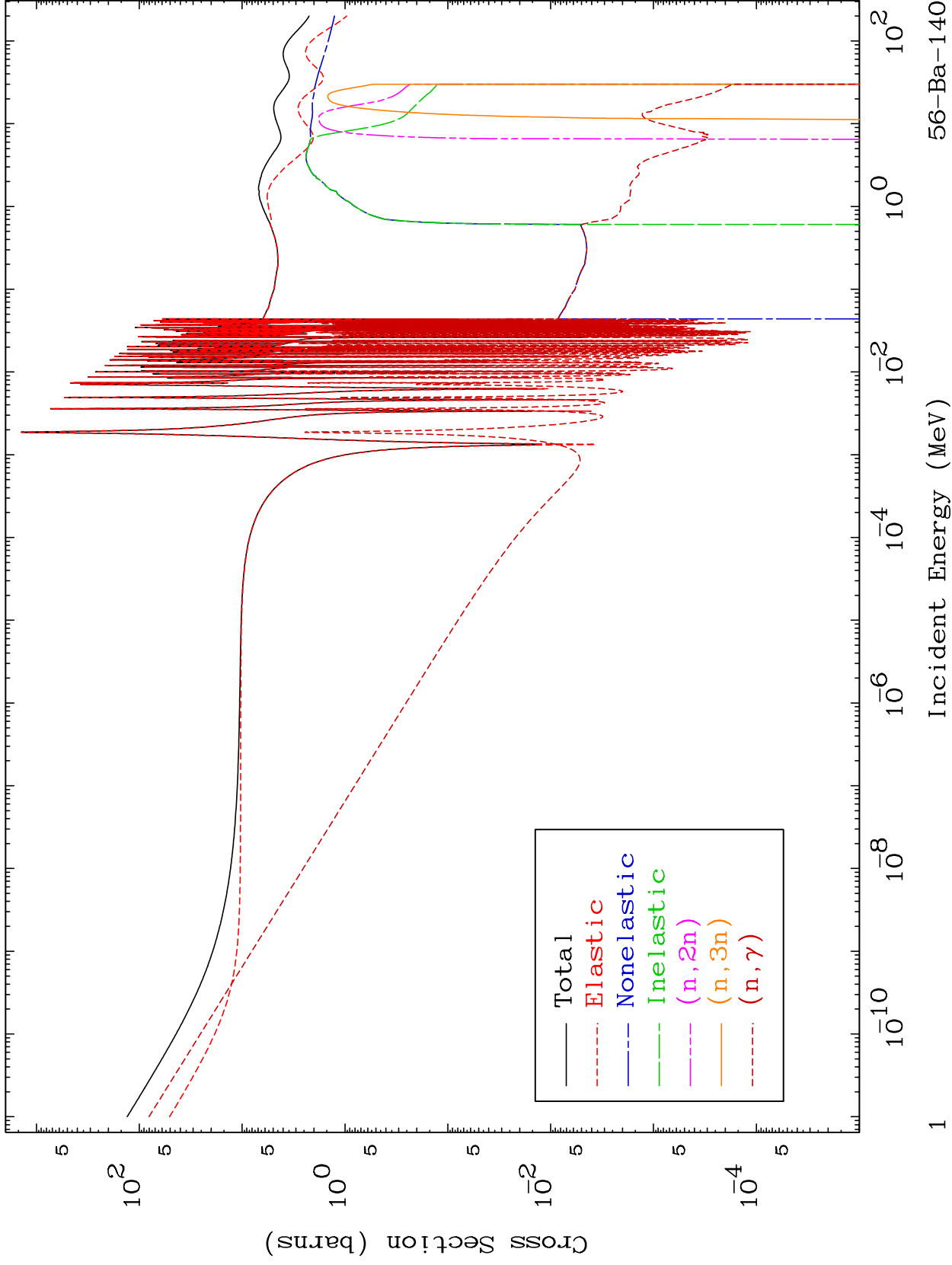
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5655

Neutron Major  
293 Kelvin Cross Sections

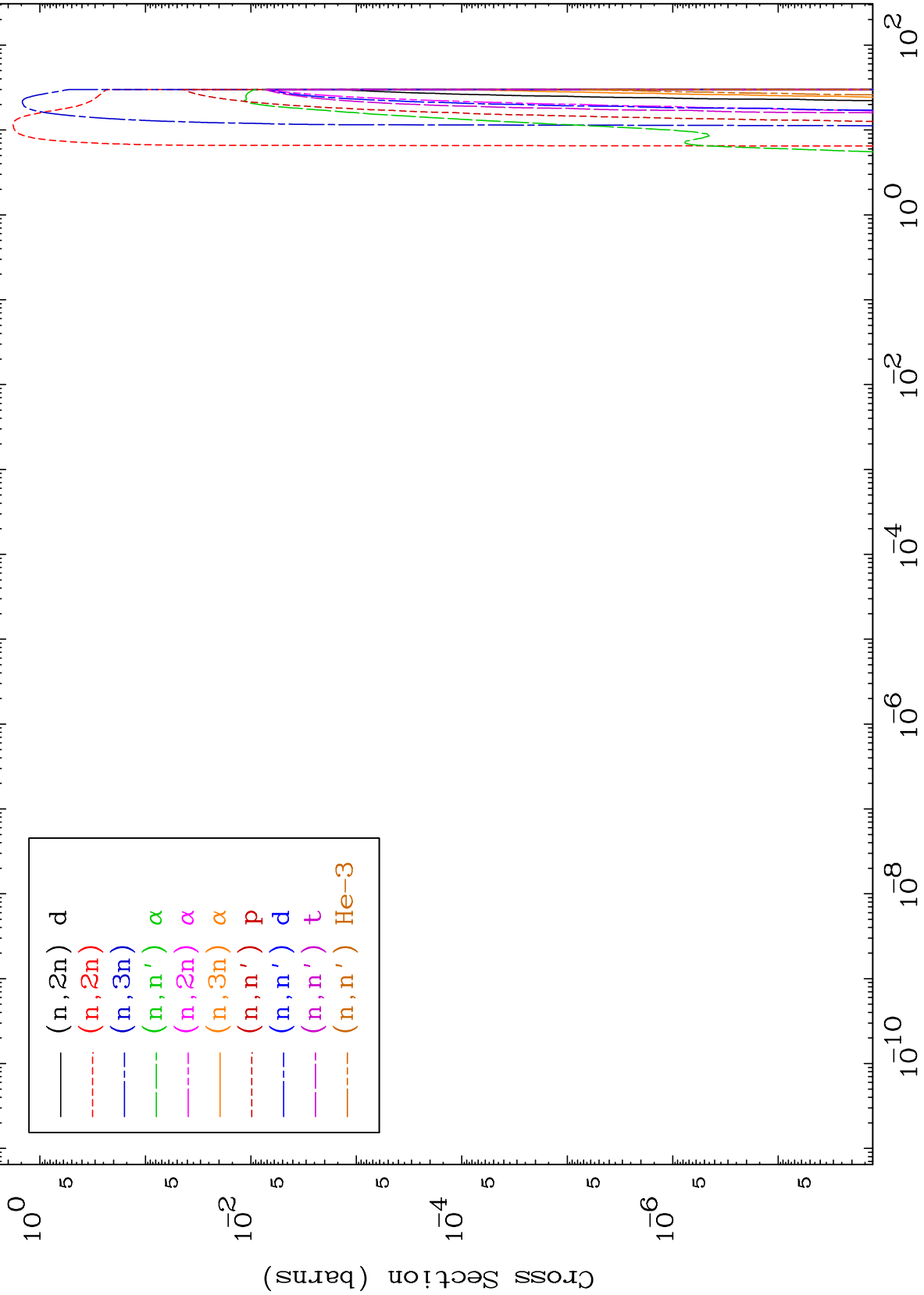
56-Ba-140



MAT 5655

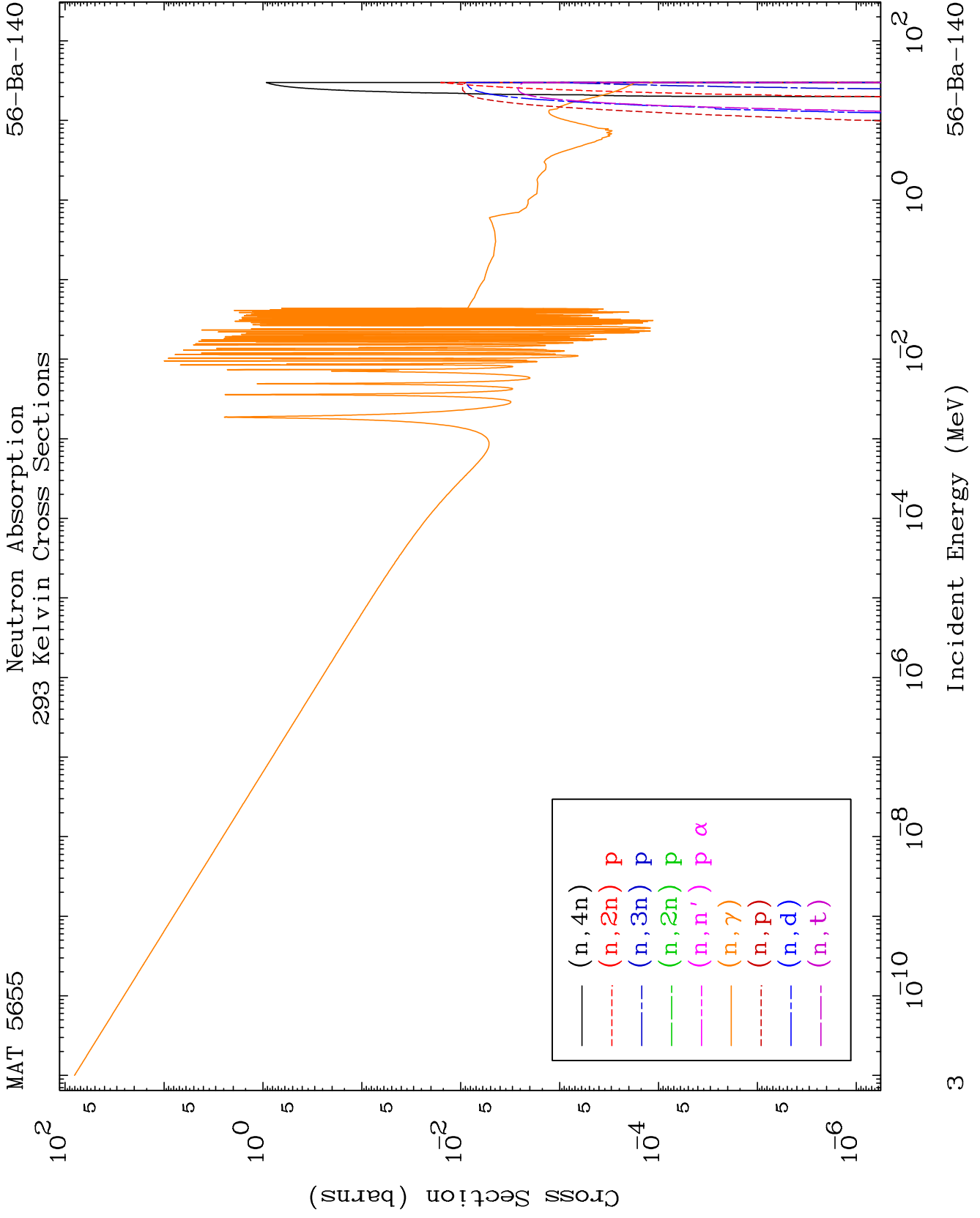
Neutron Absorption  
293 Kelvin Cross Sections

56-Ba-140



56-Ba-140

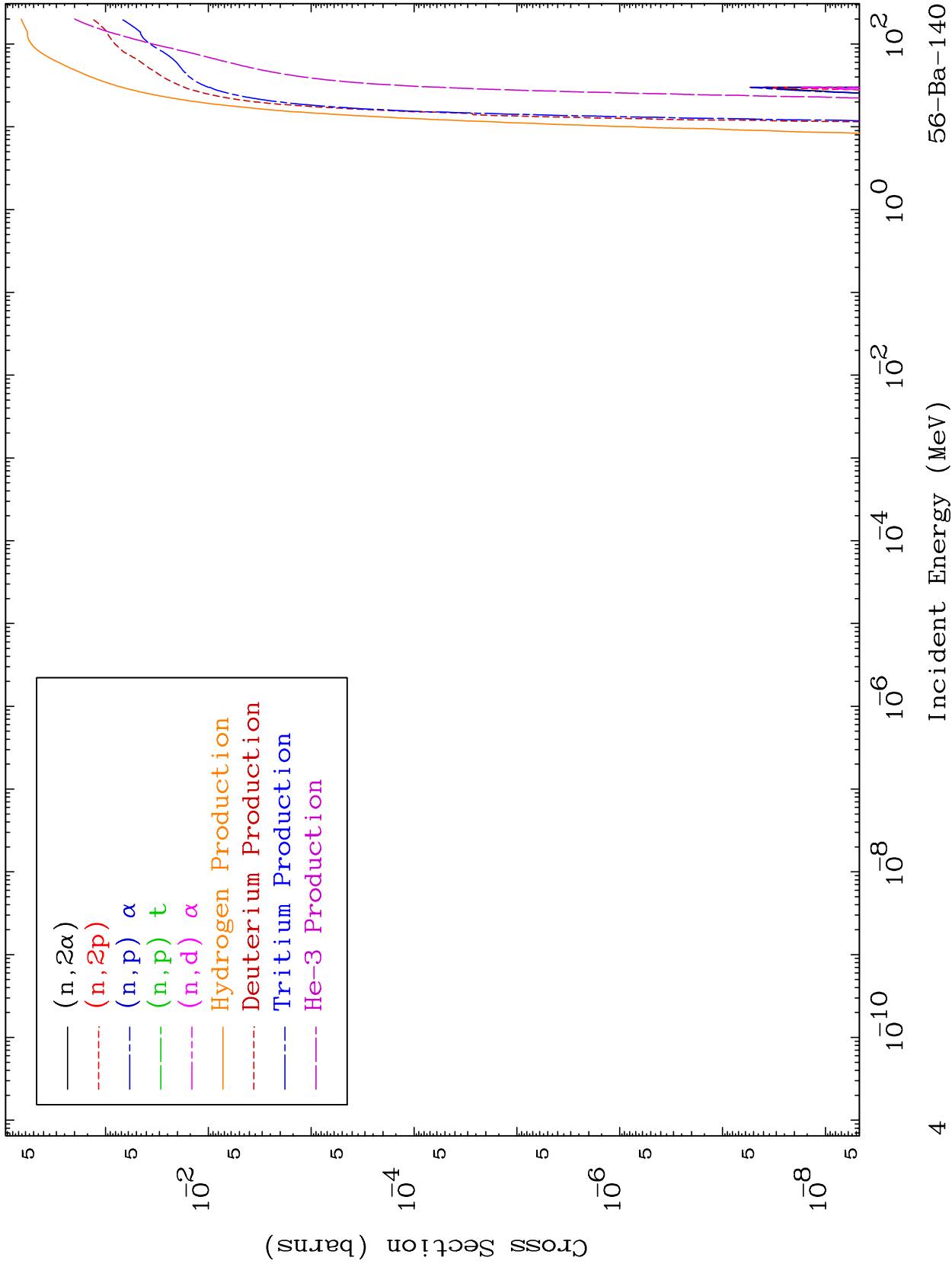
Incident Energy (MeV)



MAT 5655

Neutron Absorption  
293 Kelvin Cross Sections

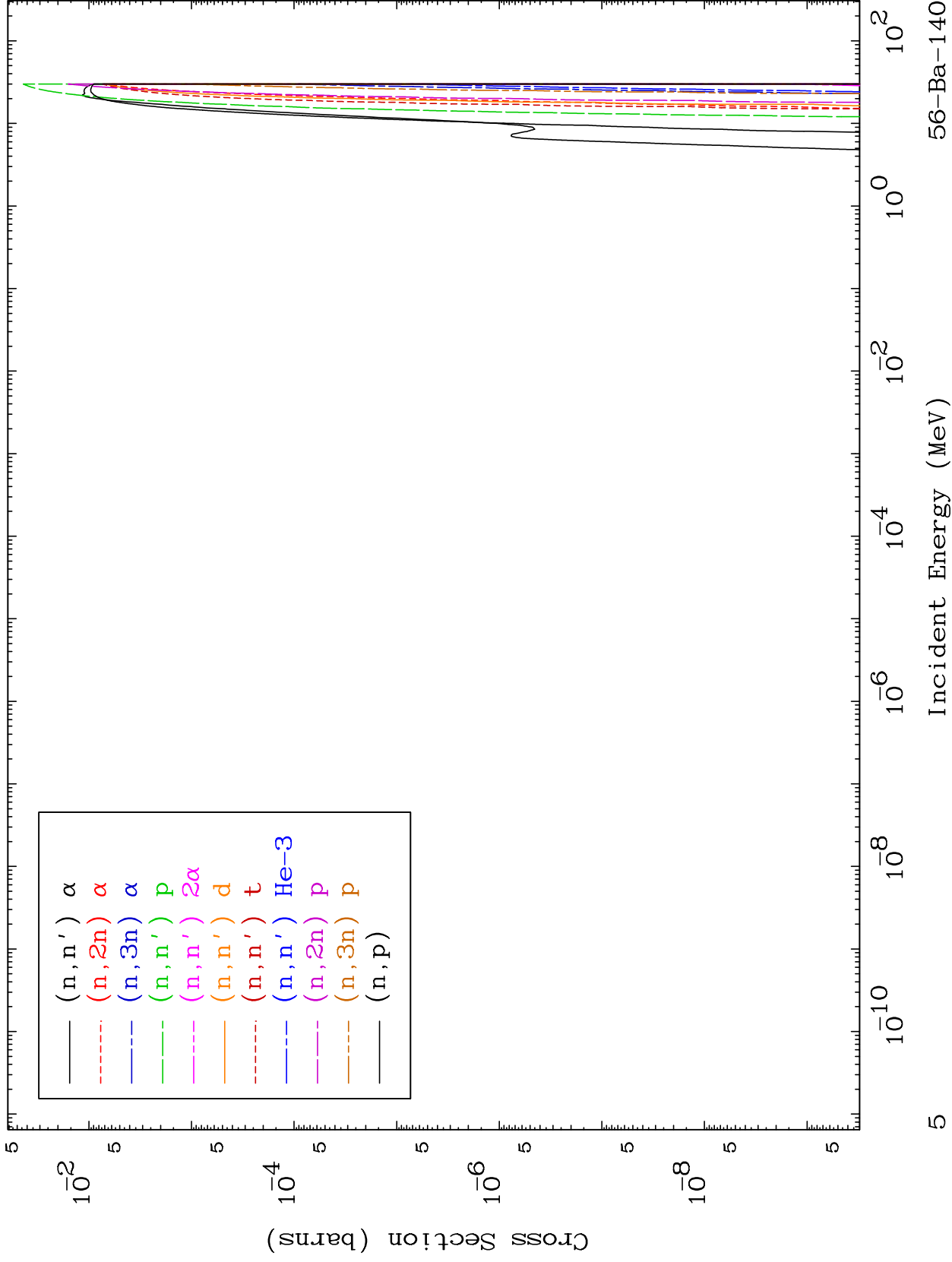
56-Ba-140



MAT 5655

Charged Particle  
293 Kelvin Cross Sections

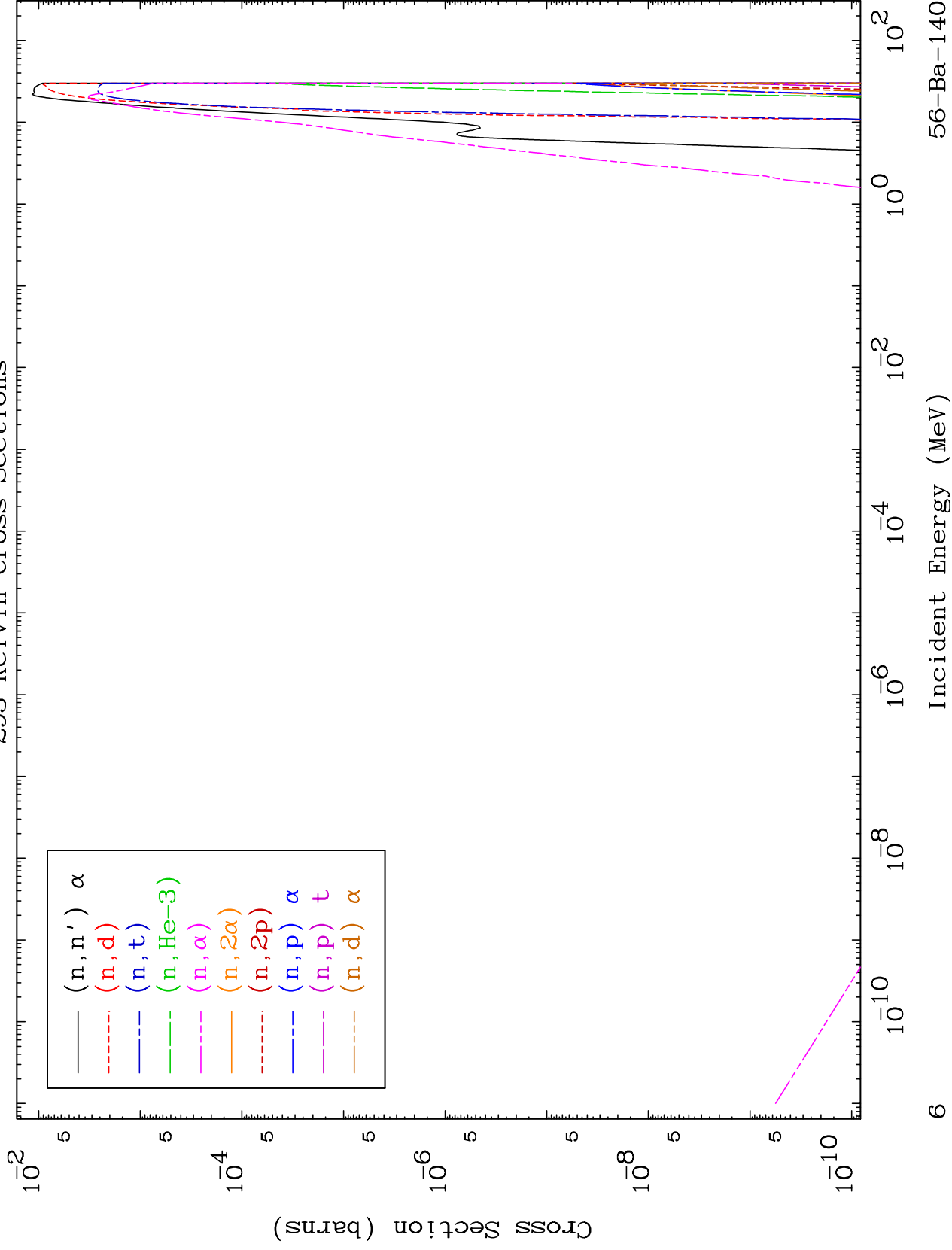
56-Ba-140



MAT 5655

Charged Particle  
293 Kelvin Cross Sections

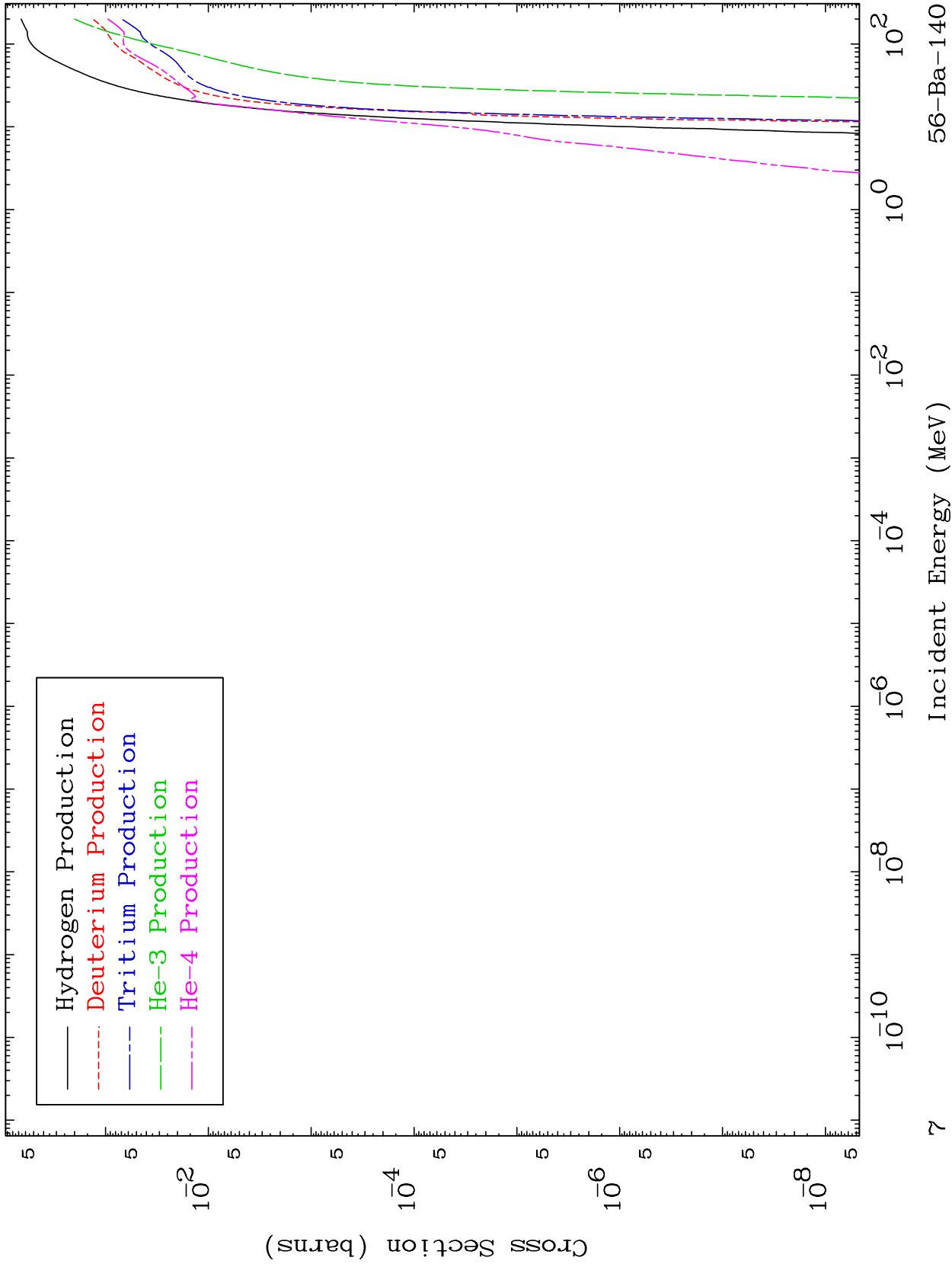
56-Ba-140



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Particle Production  
293 Kelvin Cross Sections

56-Ba-140



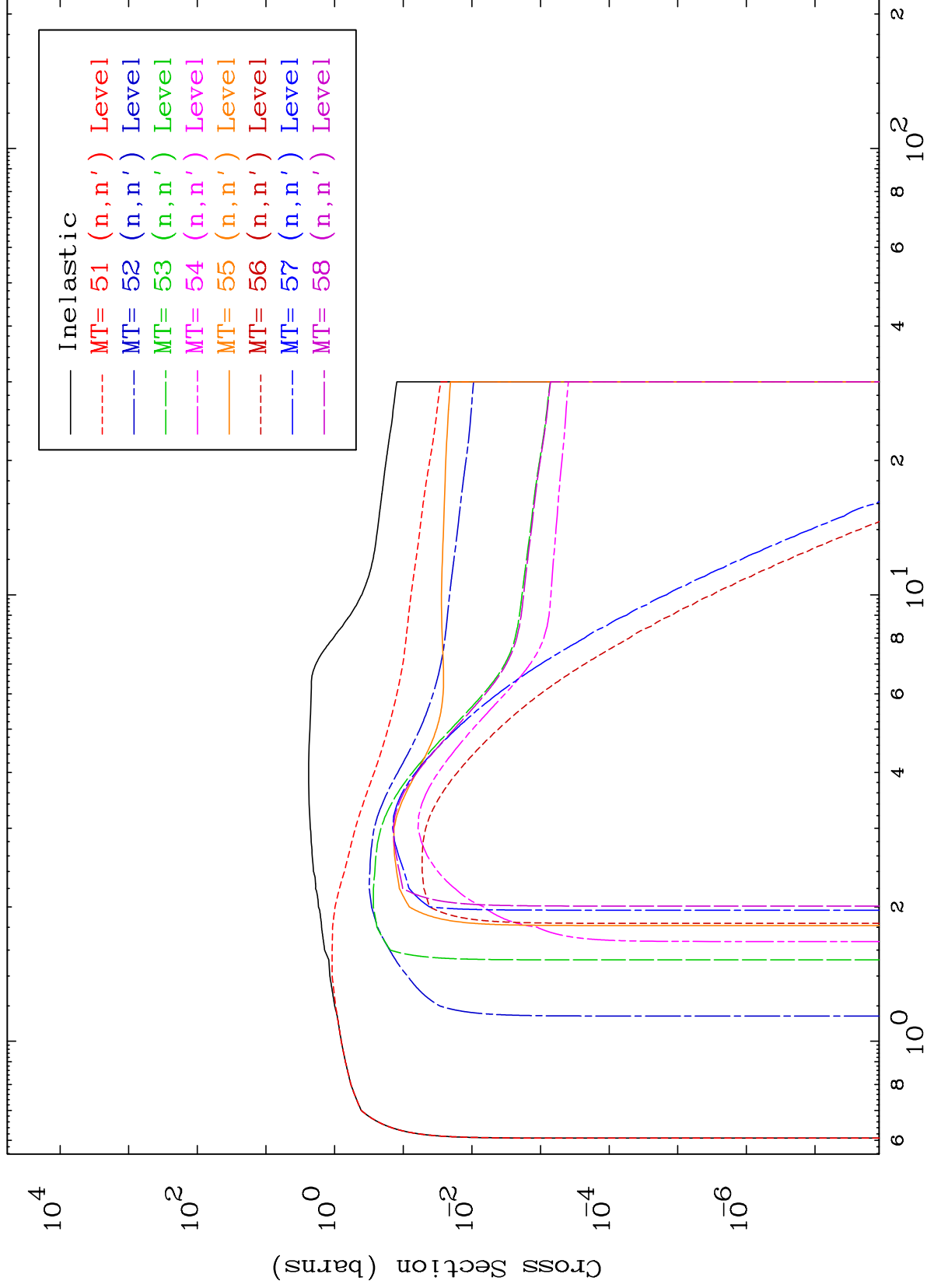


MAT 5655

(n,n') Levels

56-Ba-140

293 Kelvin Cross Sections



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Incident Energy (MeV)

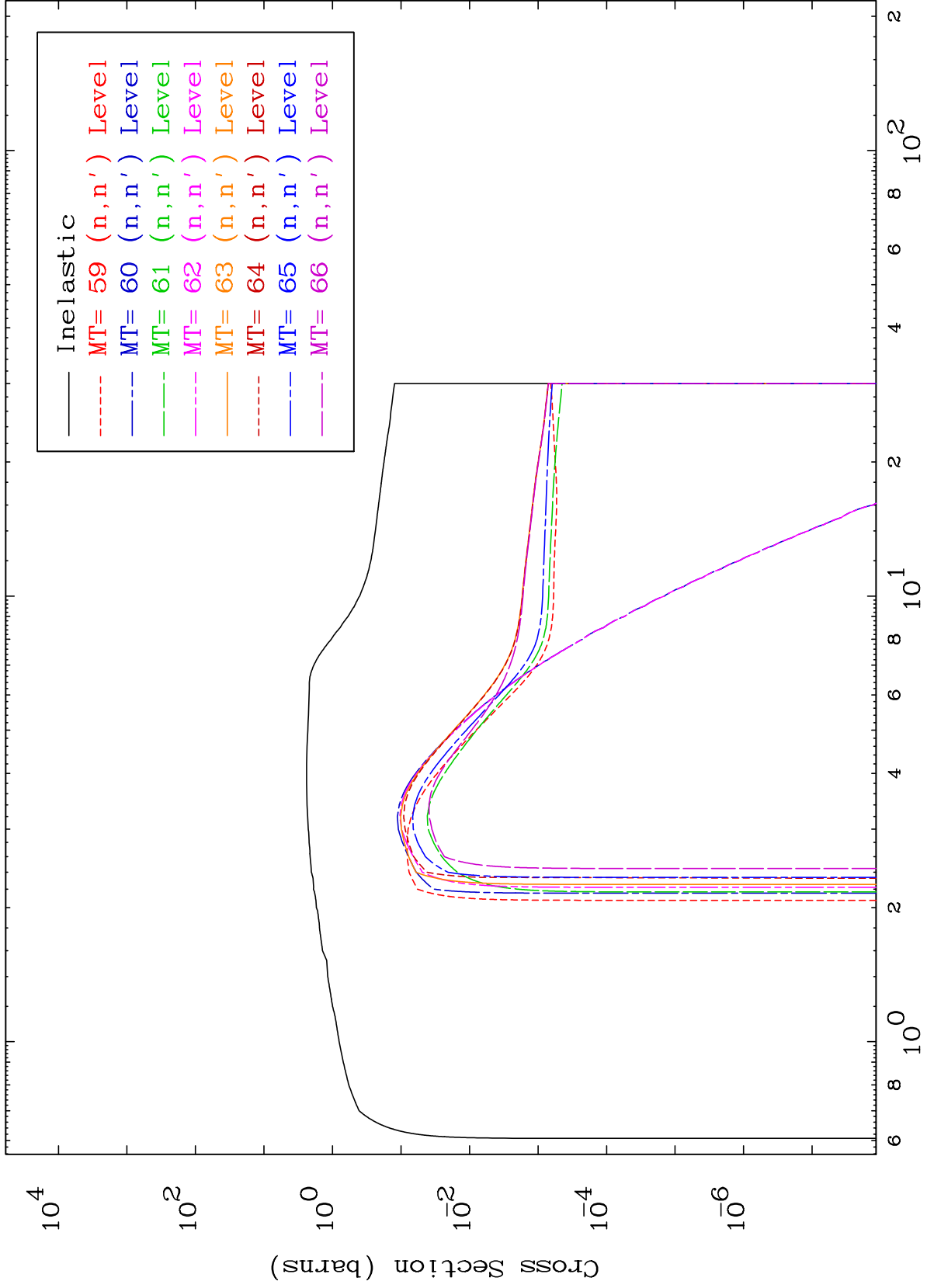
56-Ba-140

MAT 5655

(n,n') Levels

56-Ba-140

293 Kelvin Cross Sections

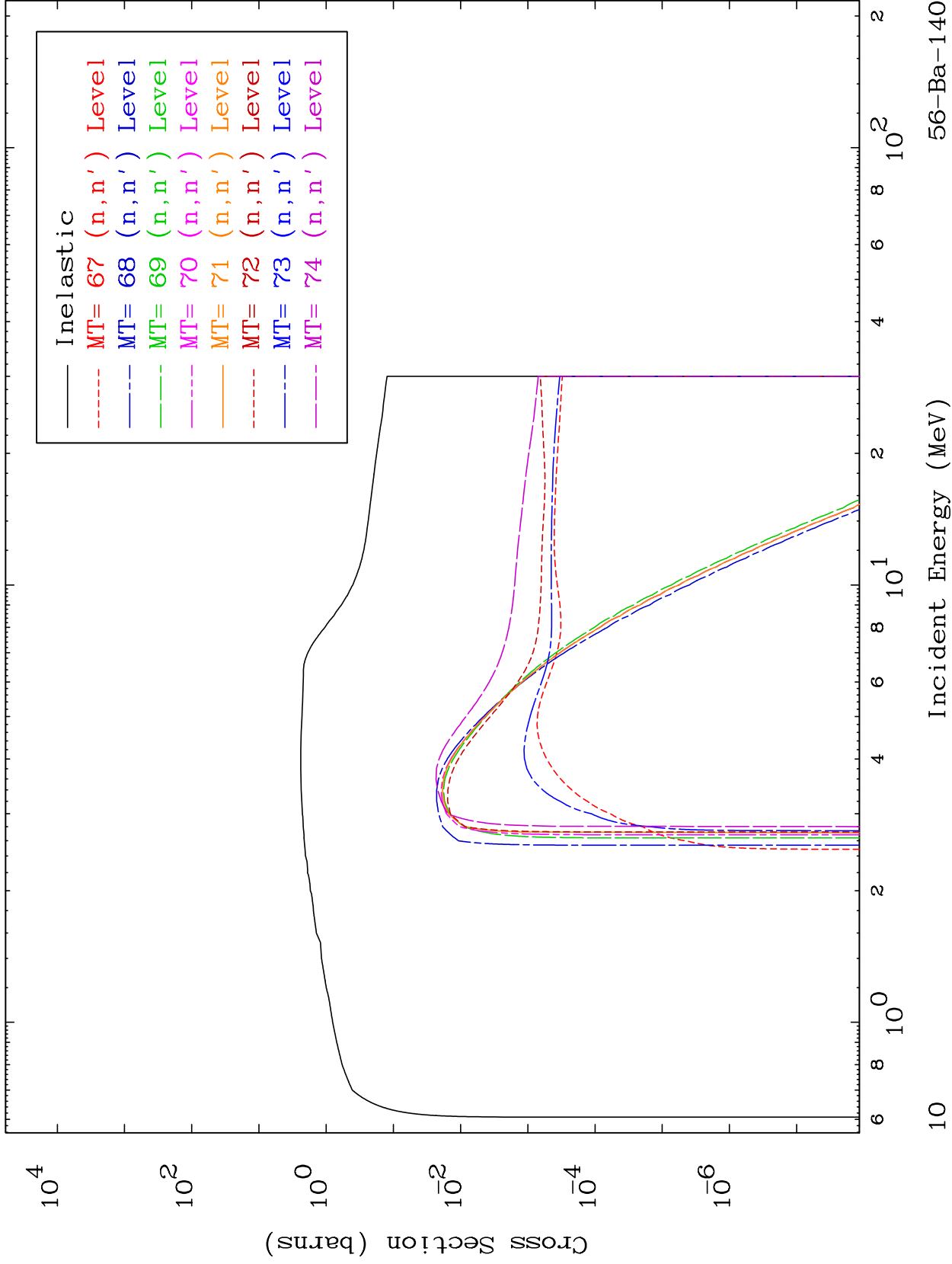


MAT 5655

(n,n') Levels

56-Ba-140

293 Kelvin Cross Sections



56-Ba-140

Incident Energy (MeV)

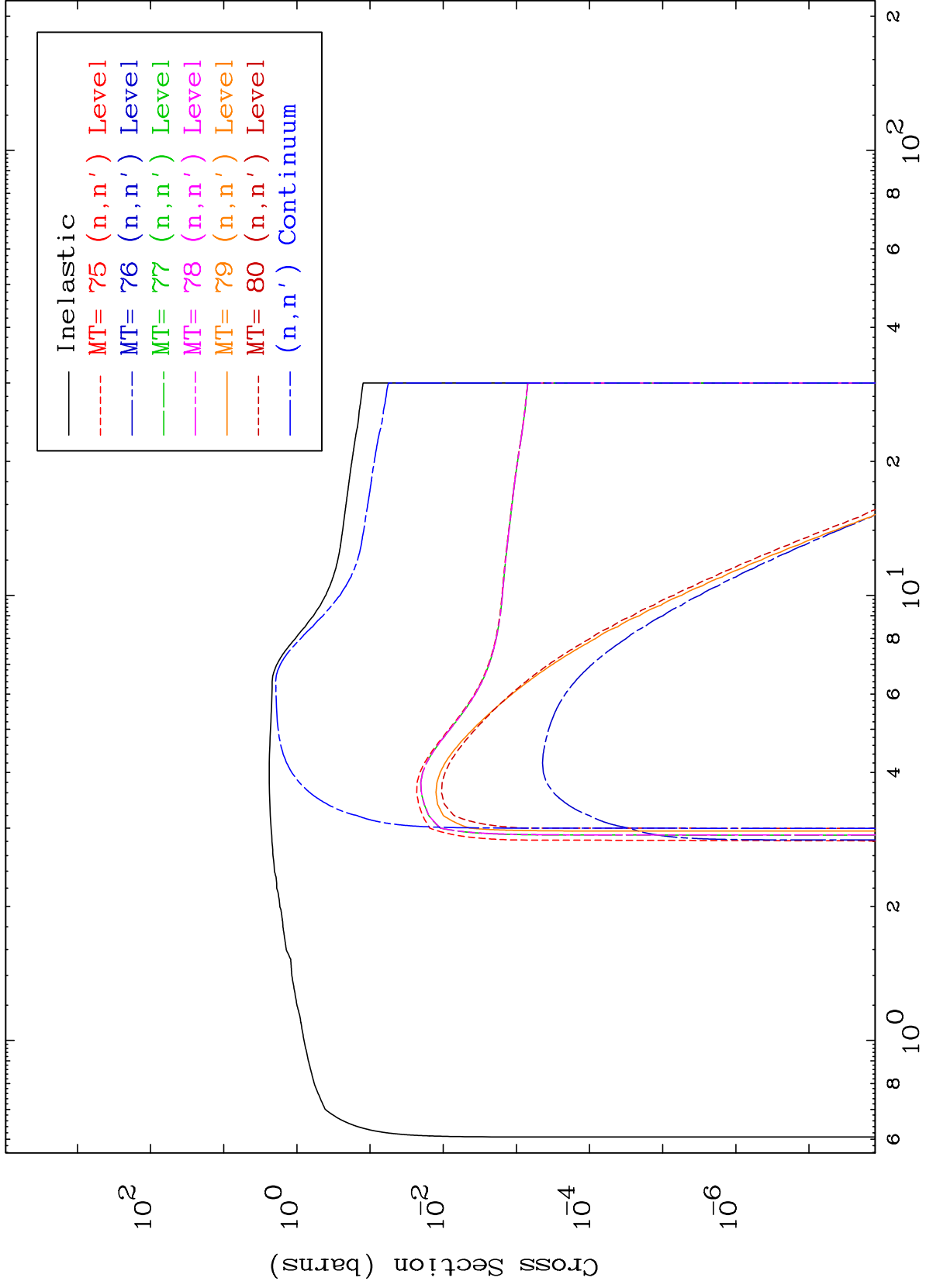
10

MAT 5655

(n,n') Levels

56-Ba-140

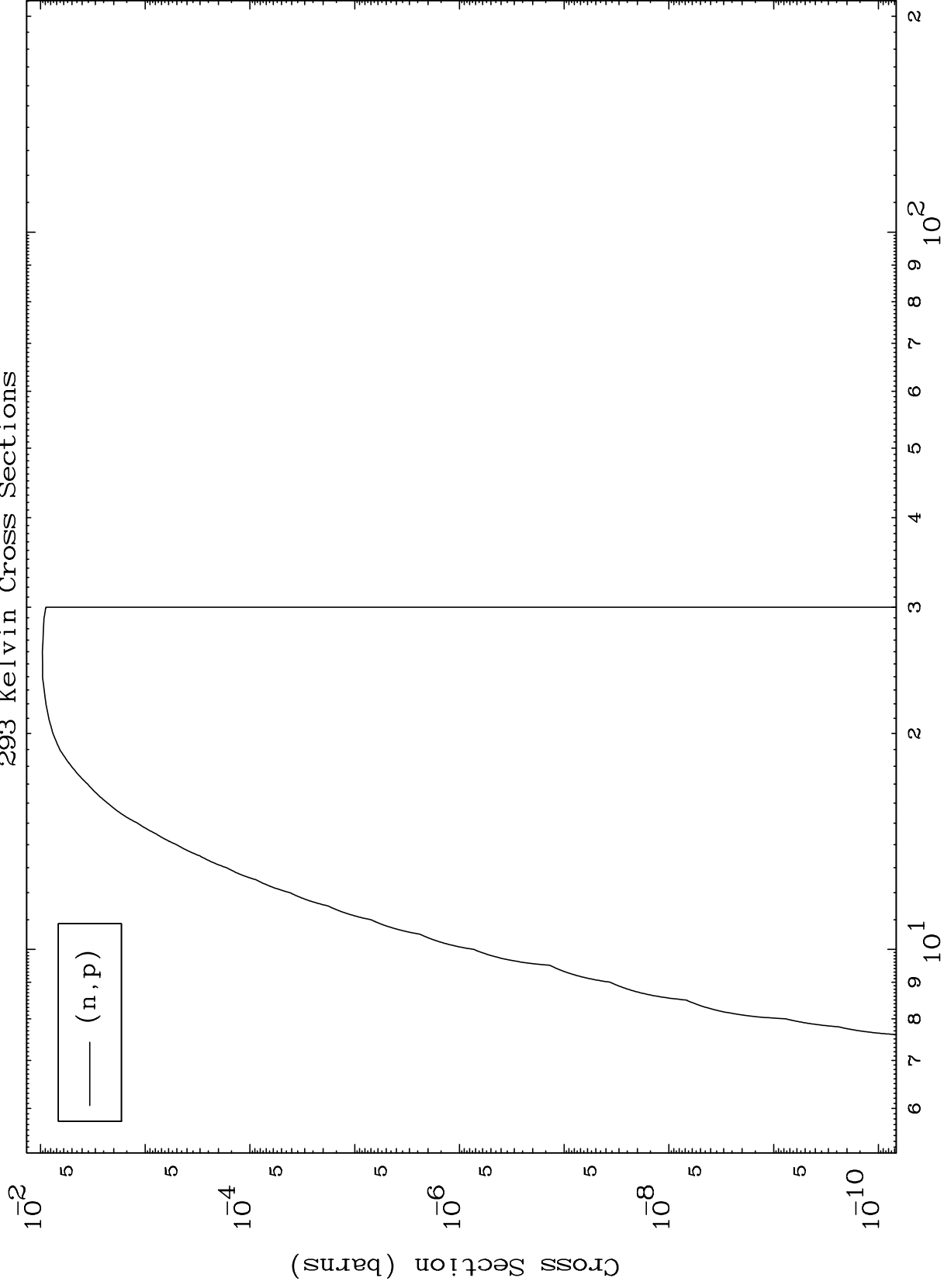
293 Kelvin Cross Sections



MAT 5655

(n,p) Levels  
293 Kelvin Cross Sections

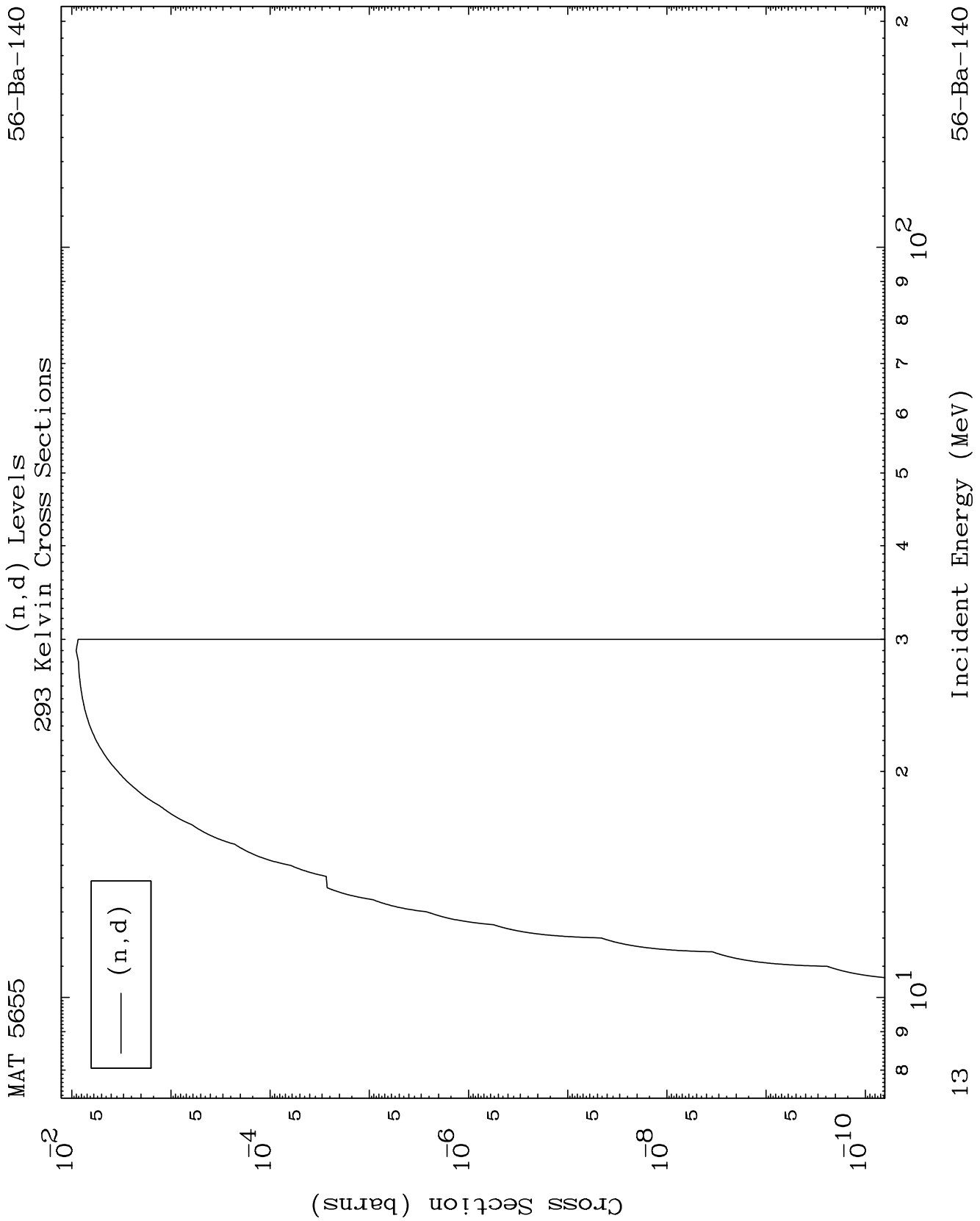
56-Ba-140



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Incident Energy (MeV)

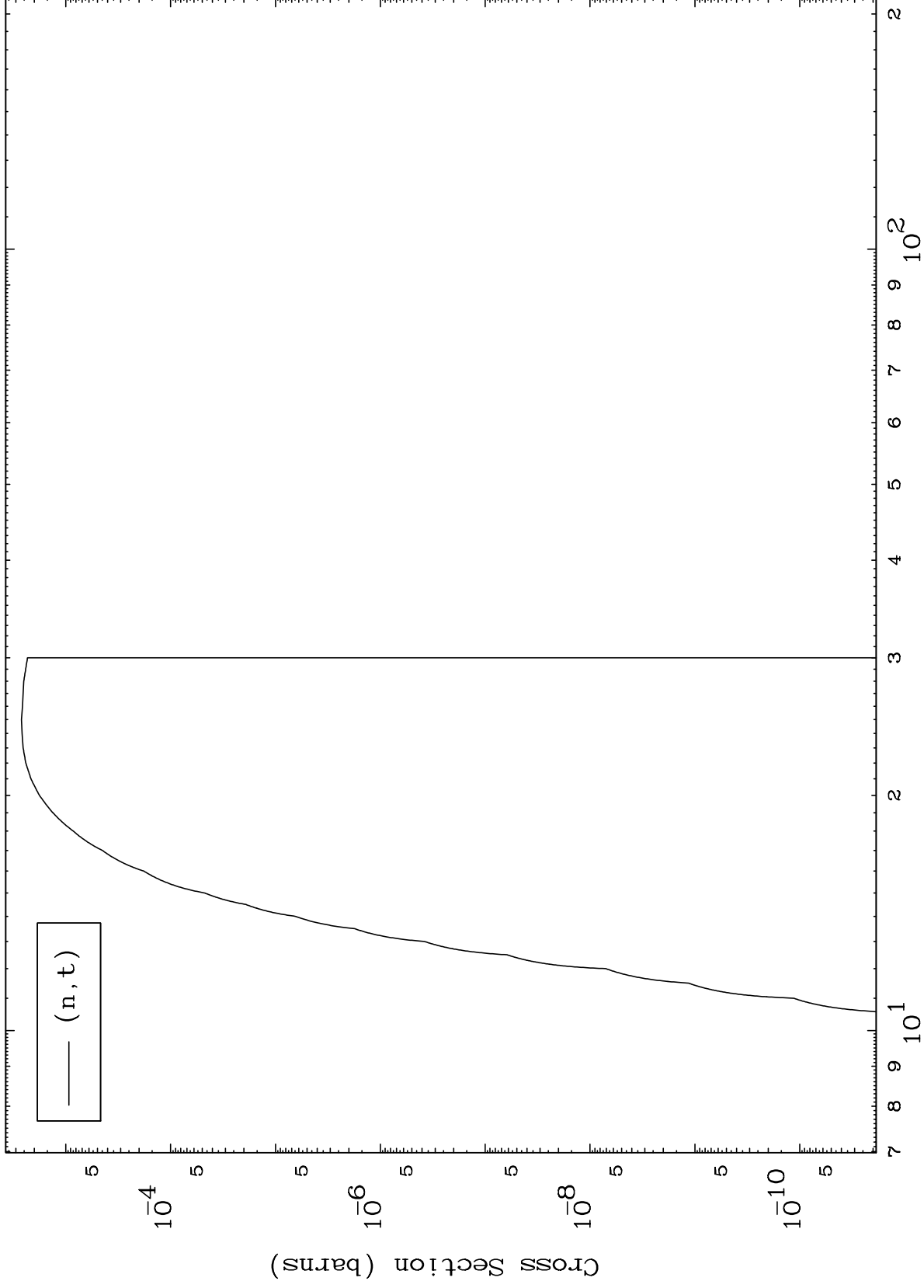
56-Ba-140



MAT 5655

(n,t) Levels  
293 Kelvin Cross Sections

56-Ba-140



14

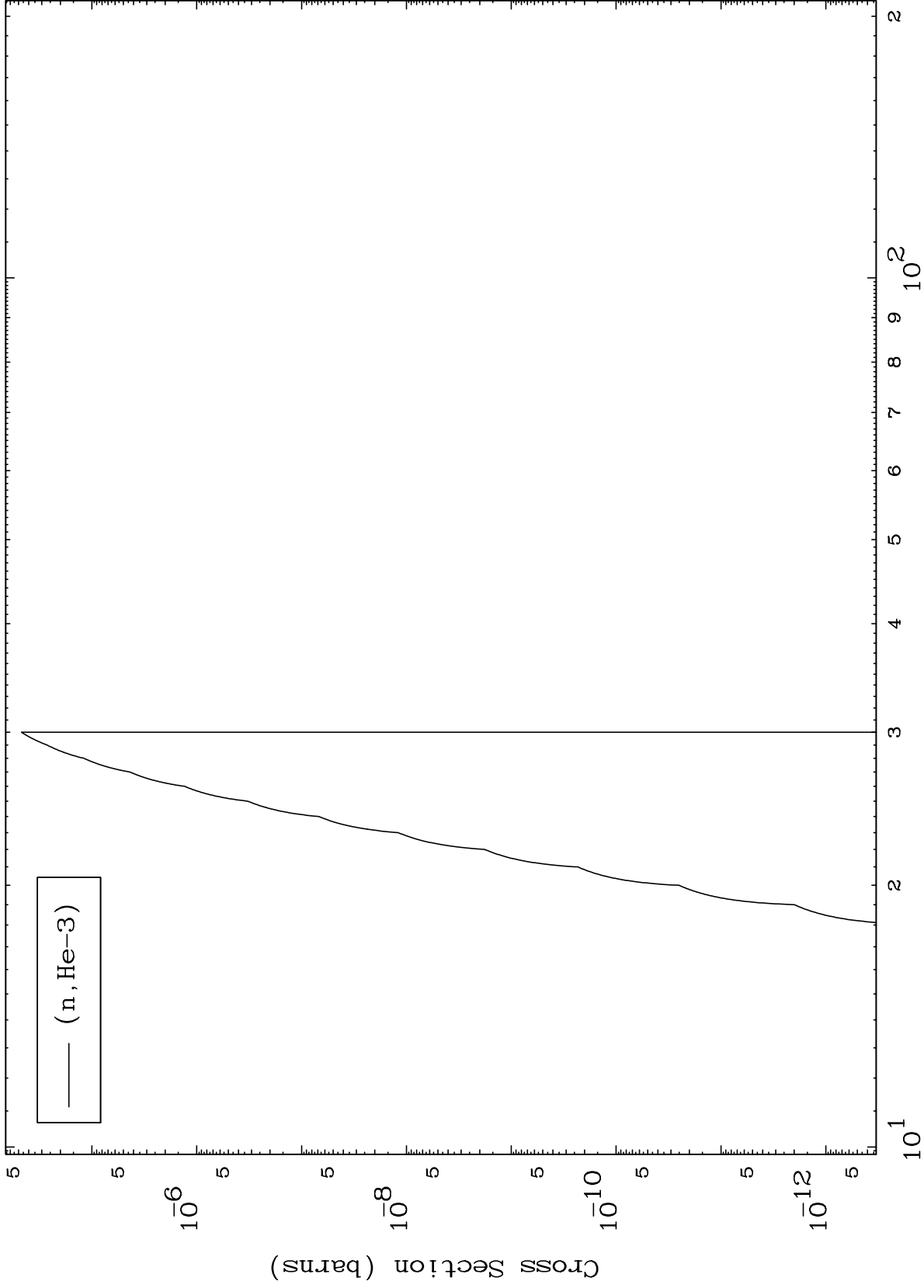
Incident Energy (MeV)

56-Ba-140

MAT 5655

(n,He3) Levels  
293 Kelvin Cross Sections

56-Ba-140



15

Incident Energy (MeV)

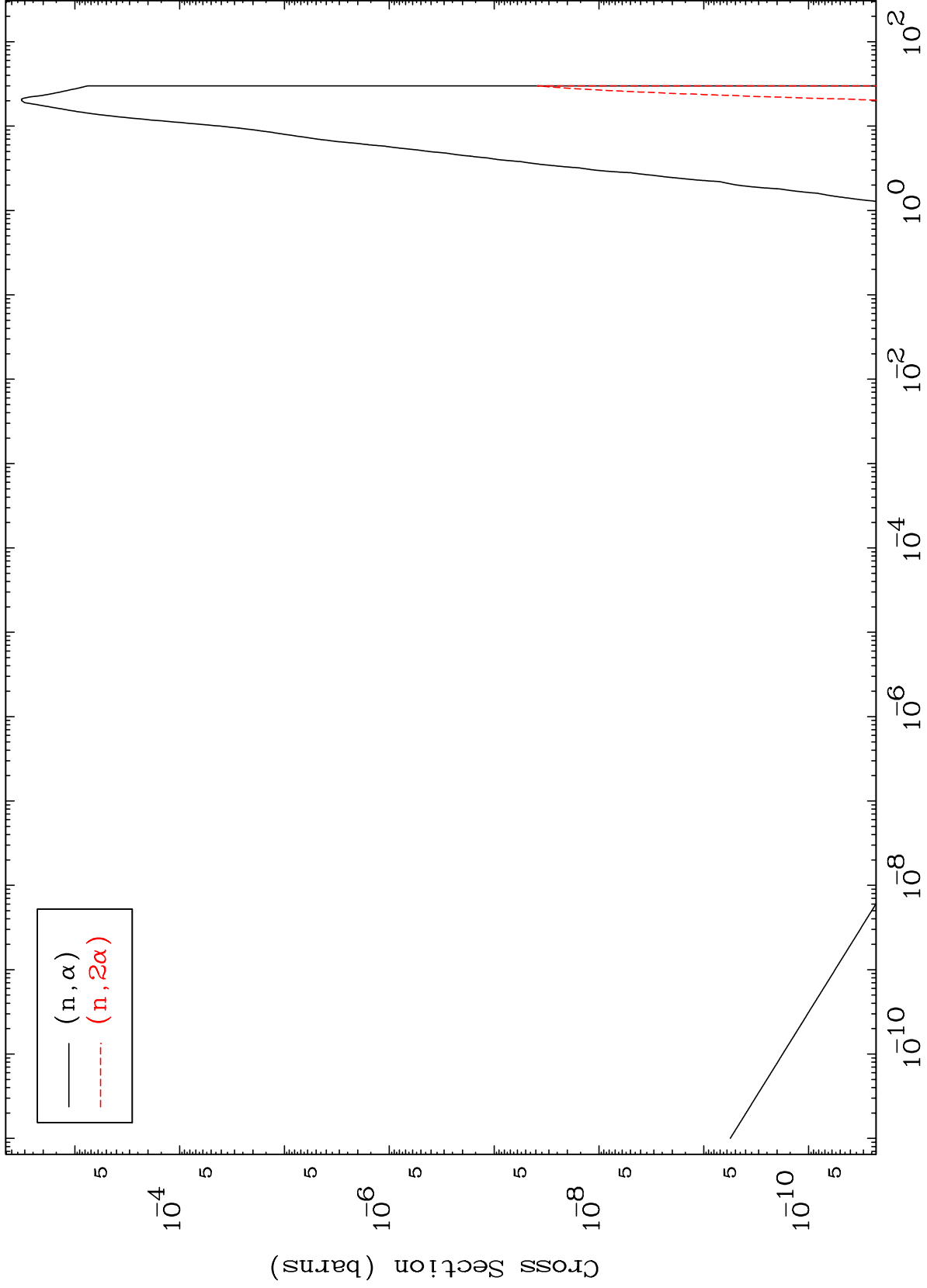
56-Ba-140



MAT 5655

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

56-Ba-140



16

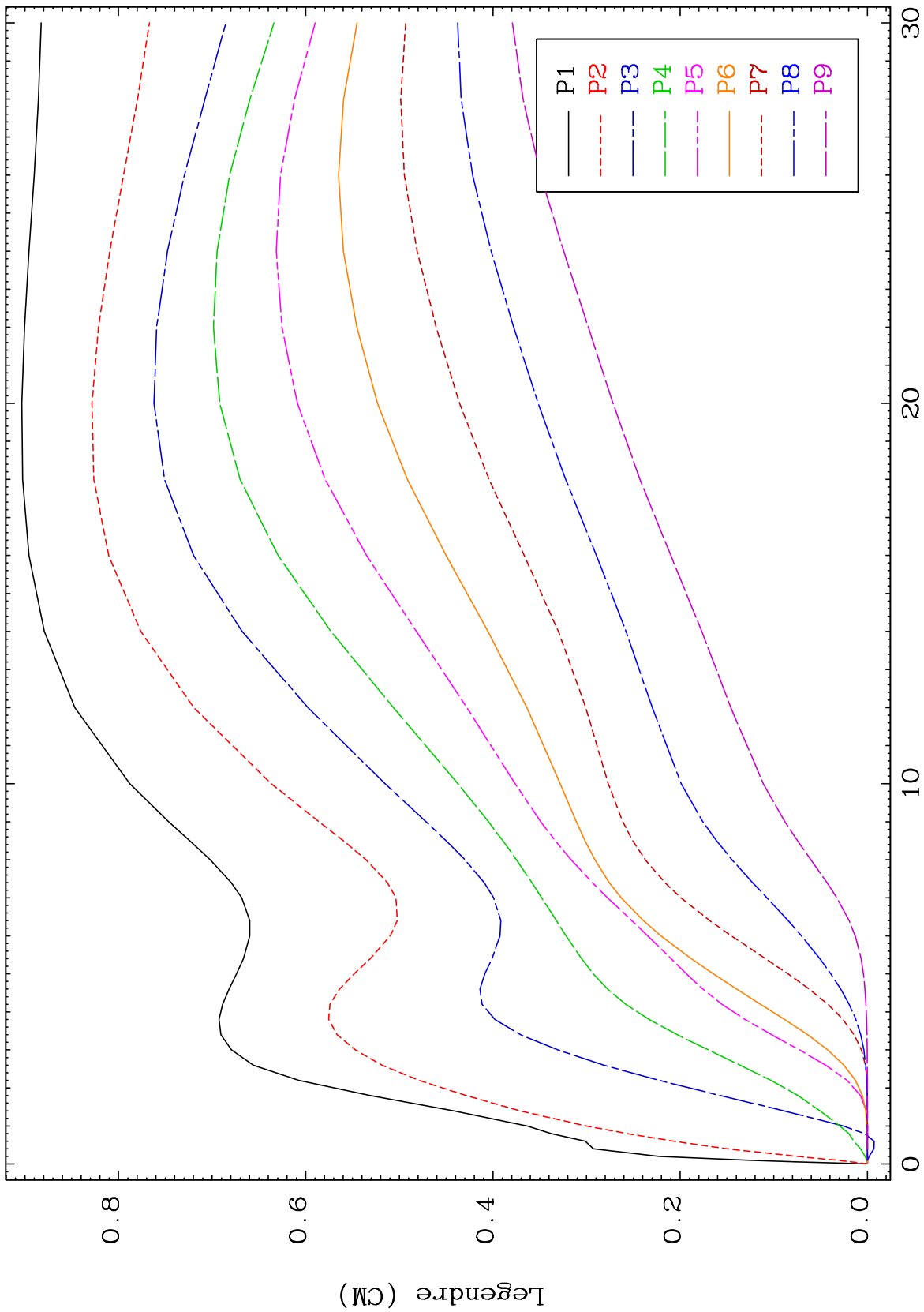
Incident Energy (MeV)

56-Ba-140

MAT 5655

Elastic Legendre Coefficients

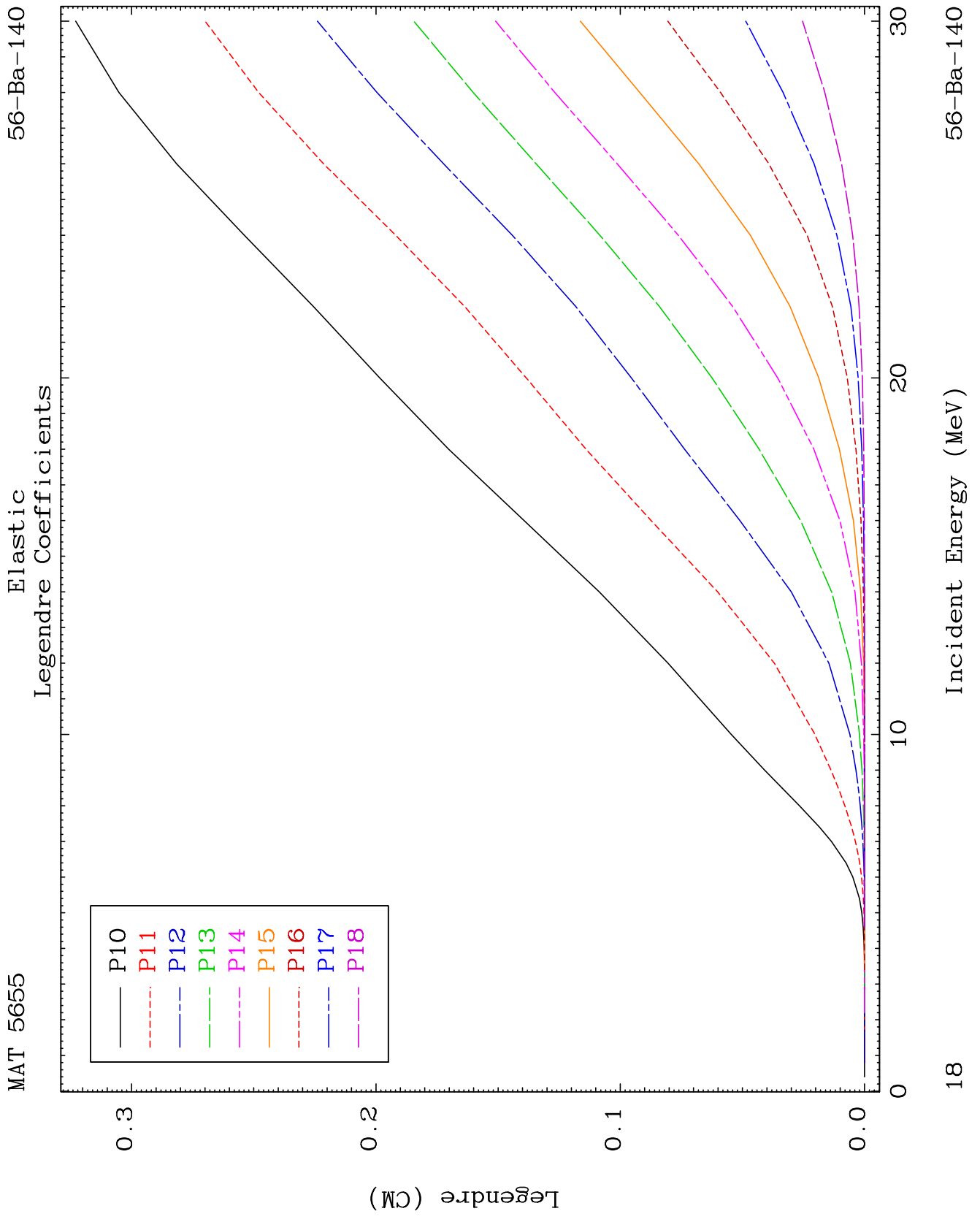
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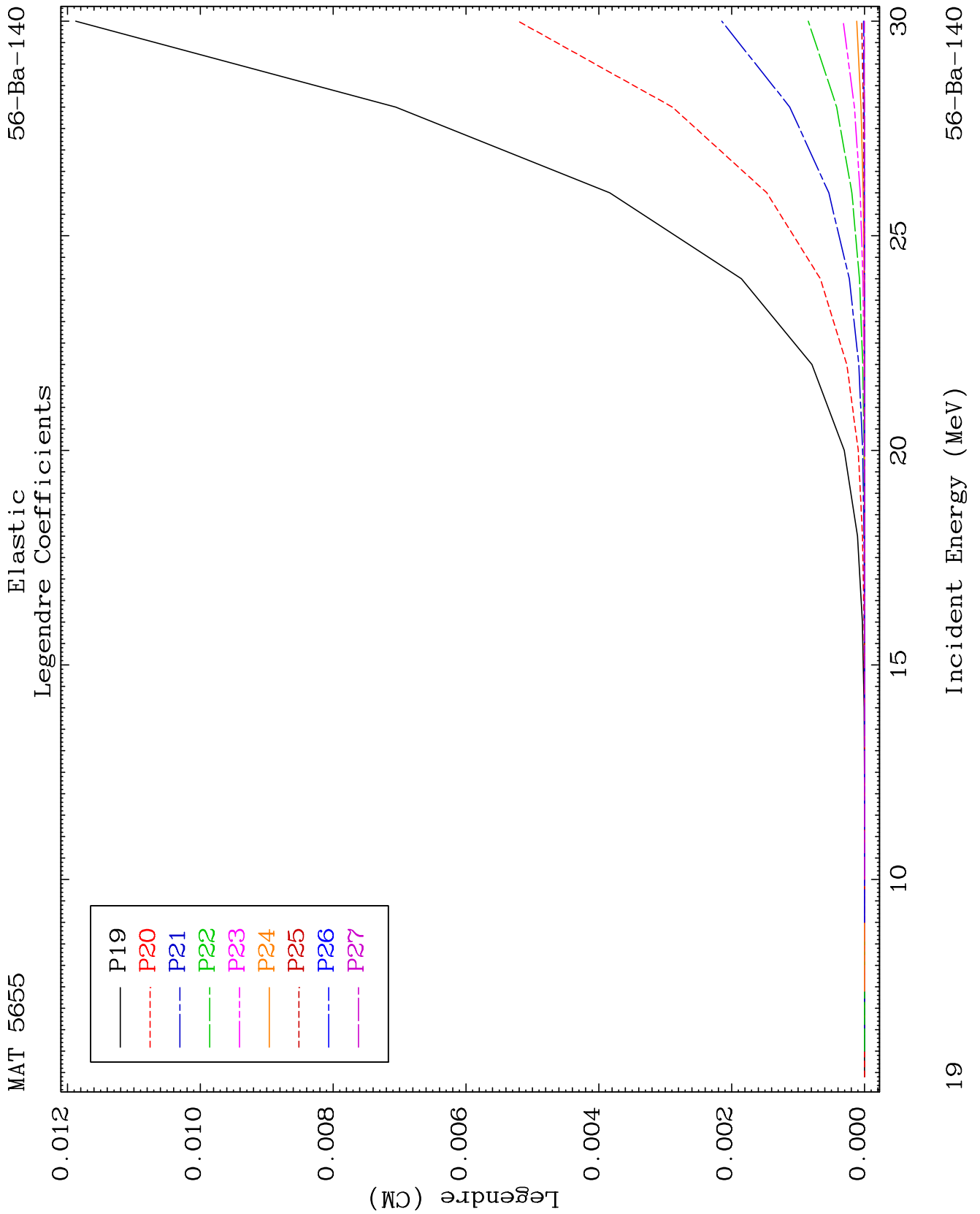


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Incident Energy (MeV)

56-Ba-140

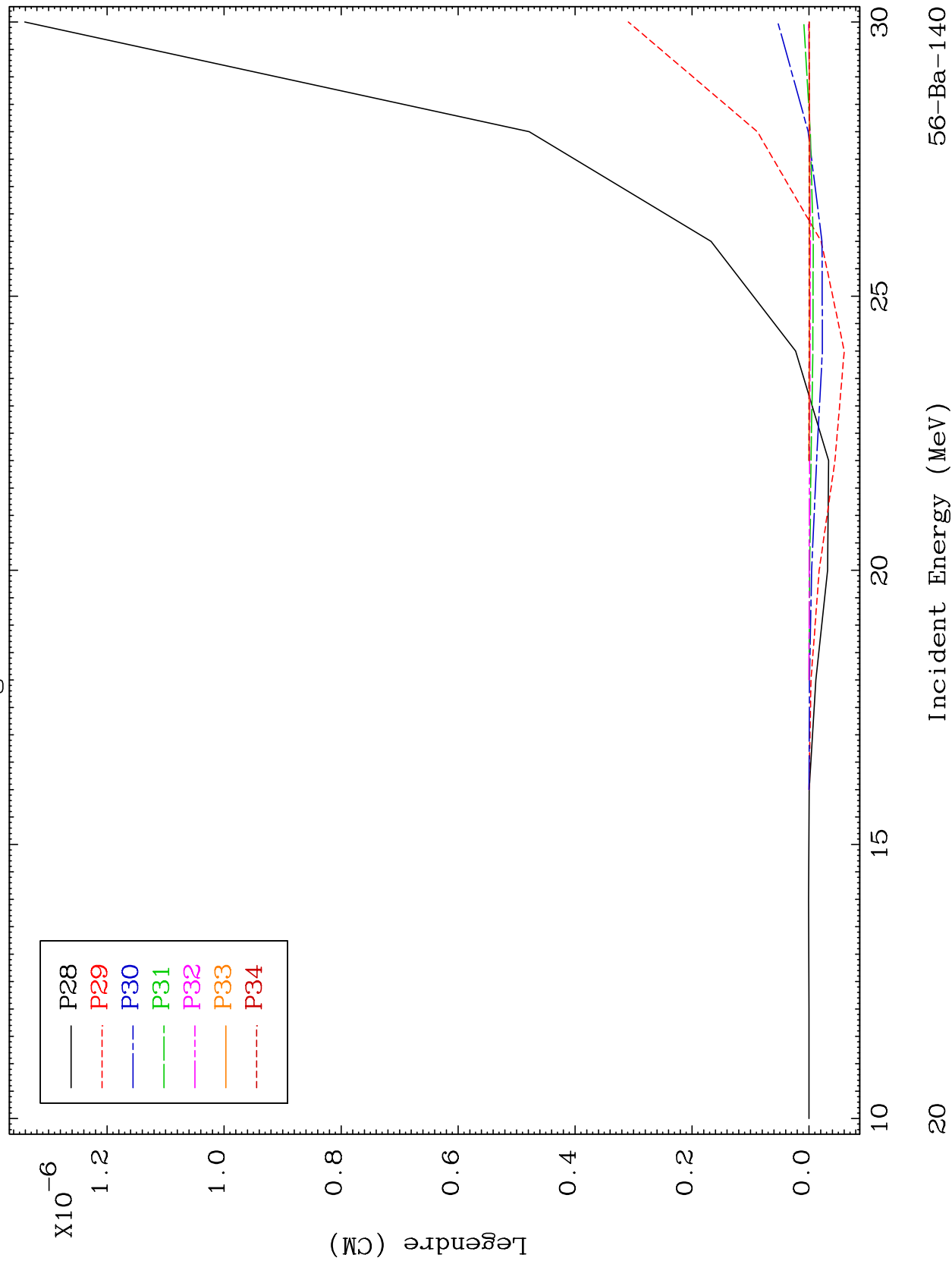




MAT 5655

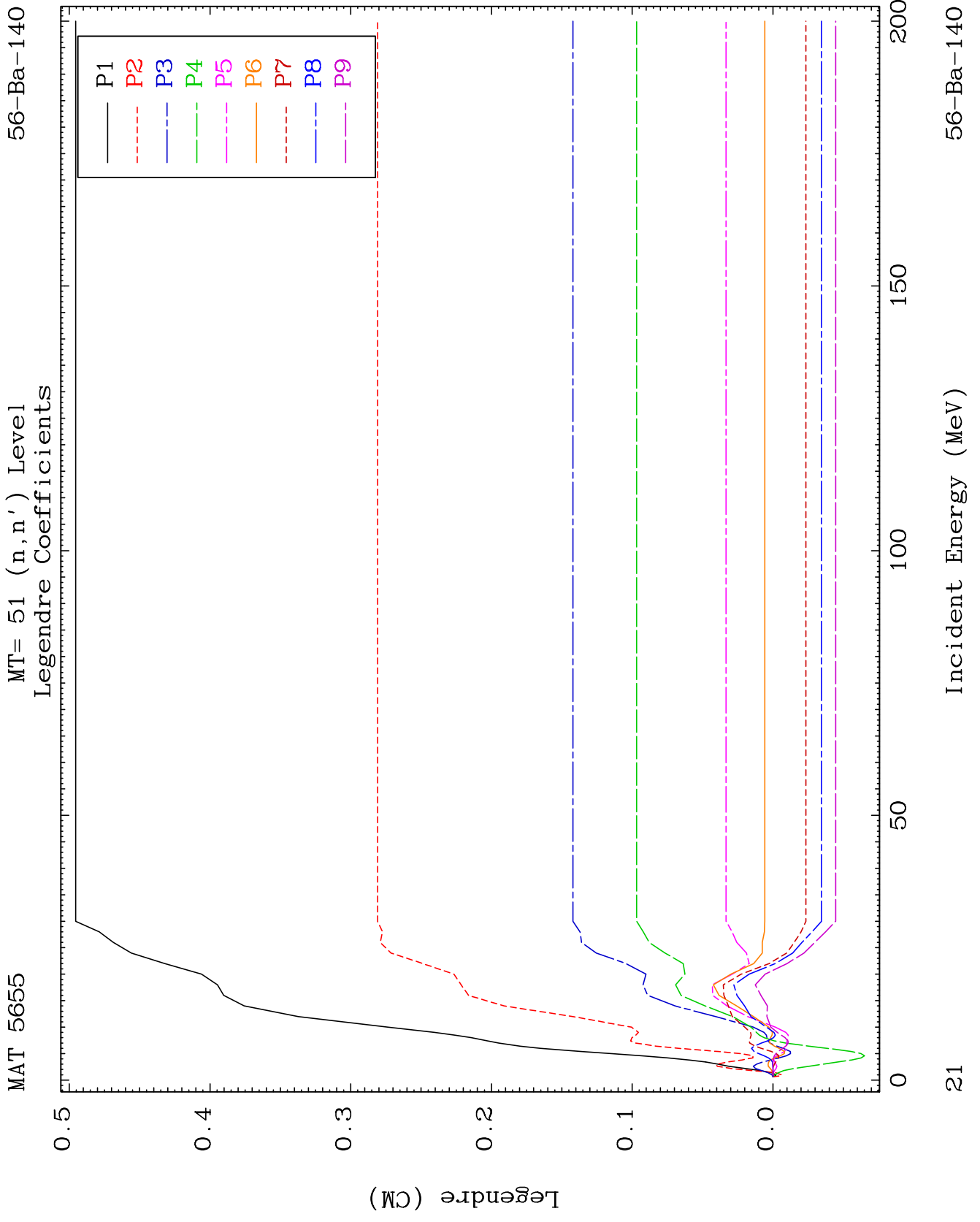
Elastic Legendre Coefficients

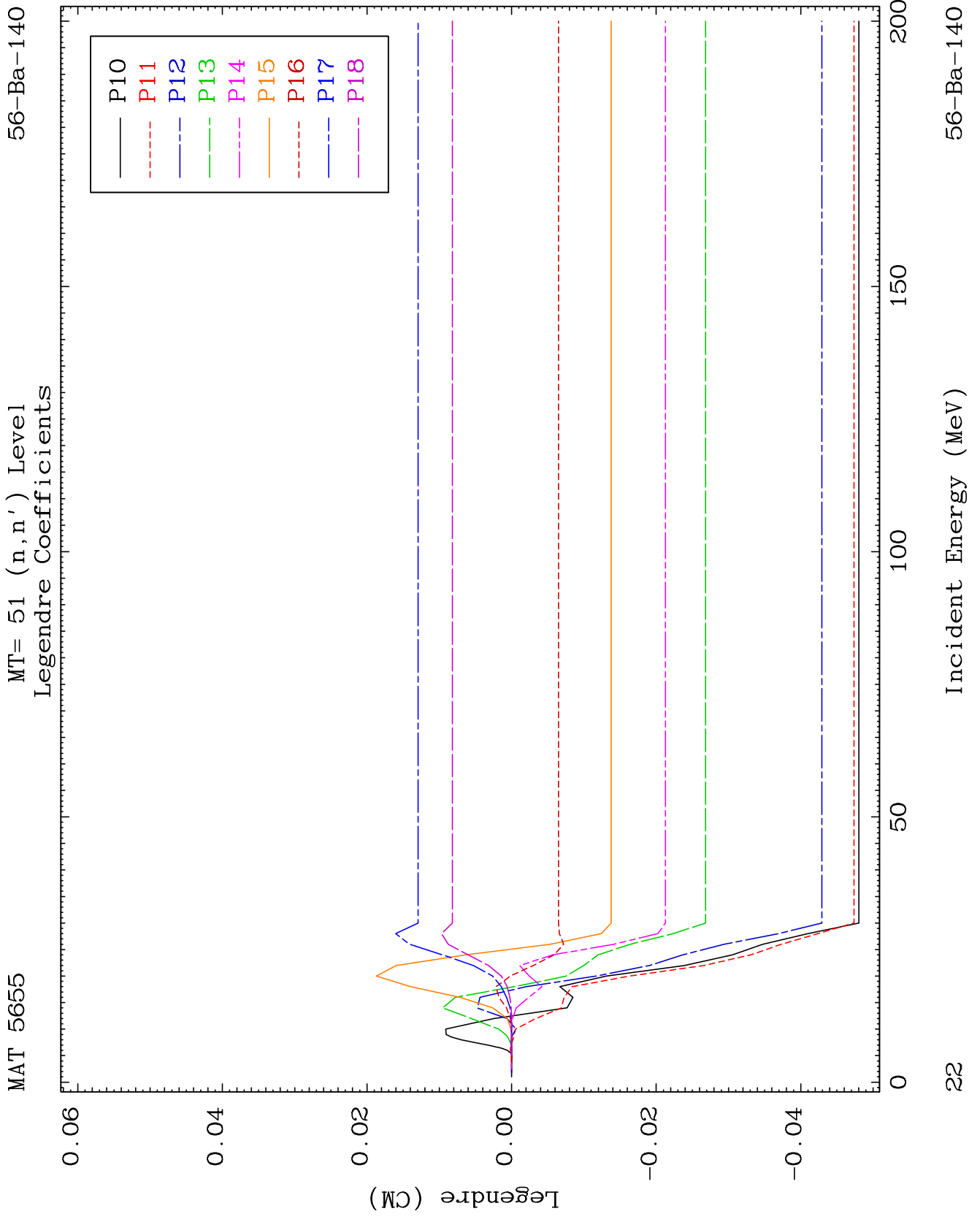
56-Ba-140

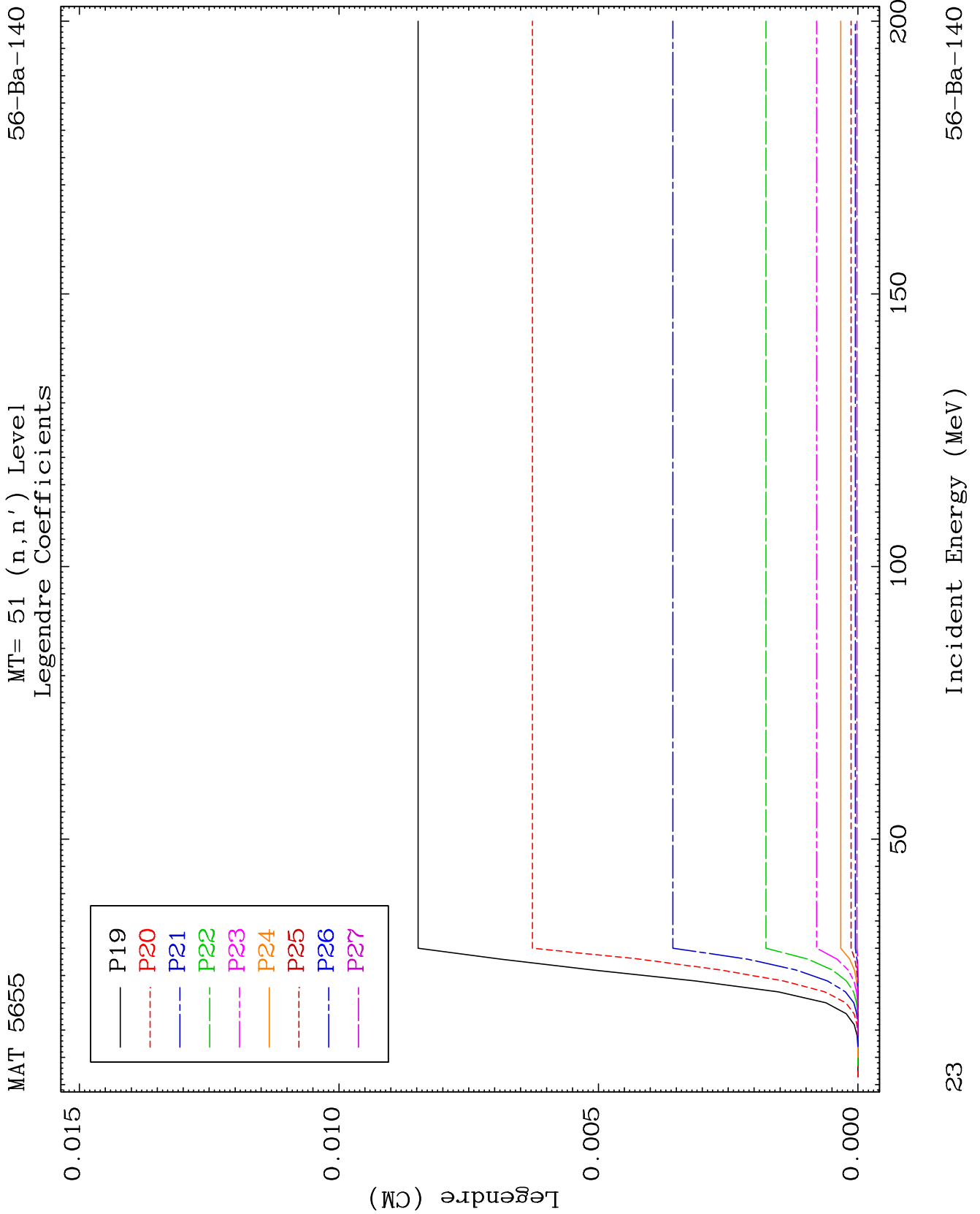


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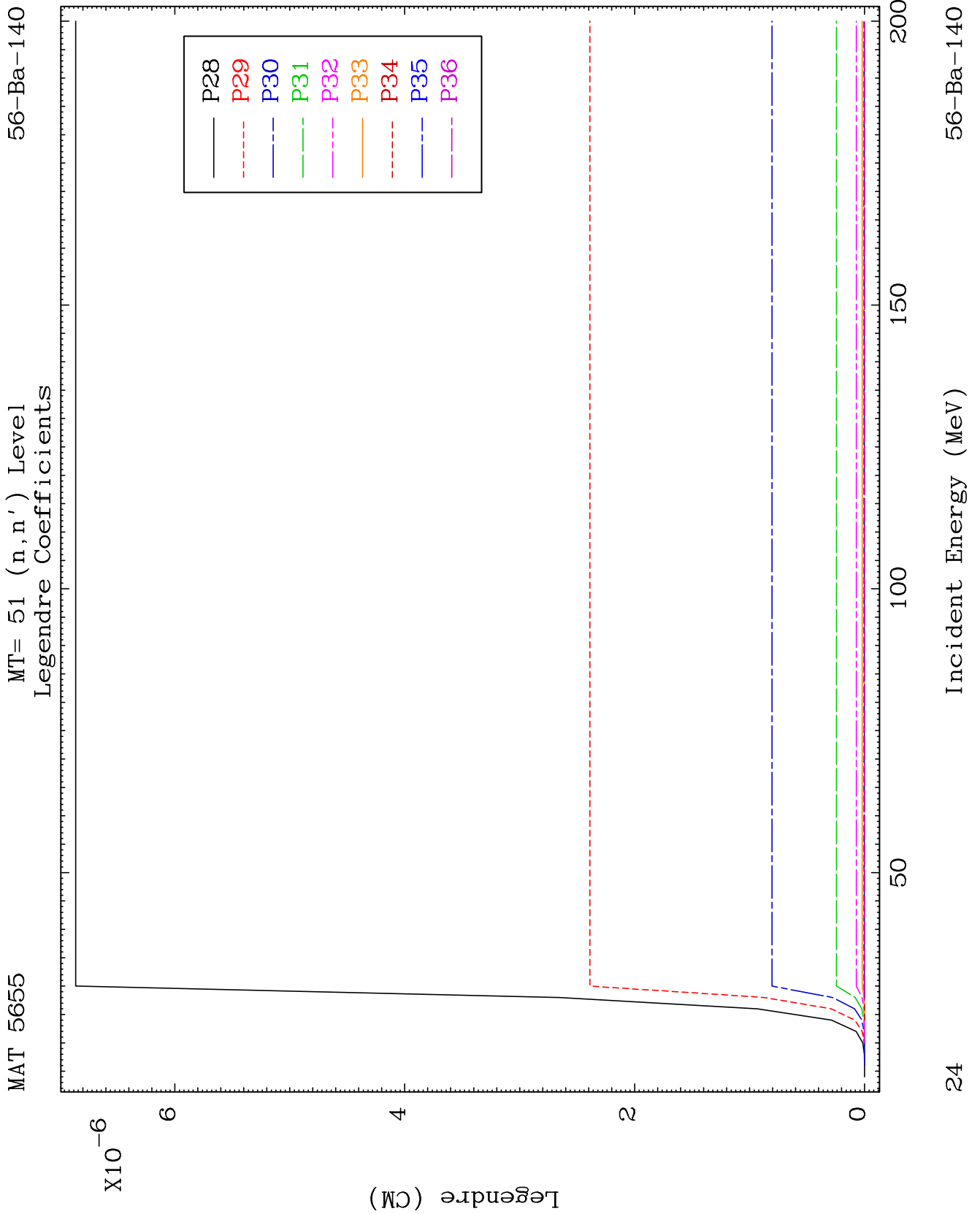
Incident Energy (MeV)



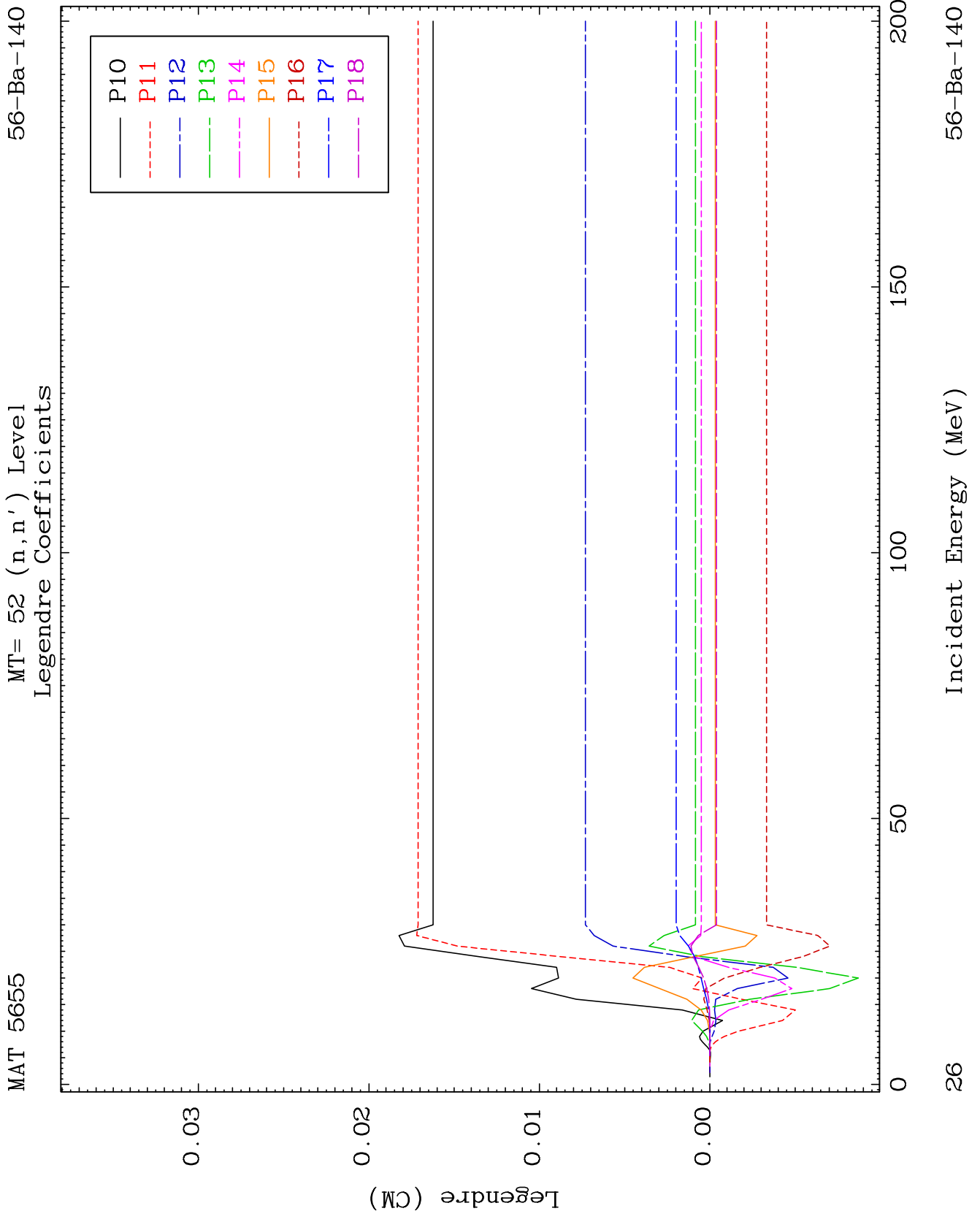


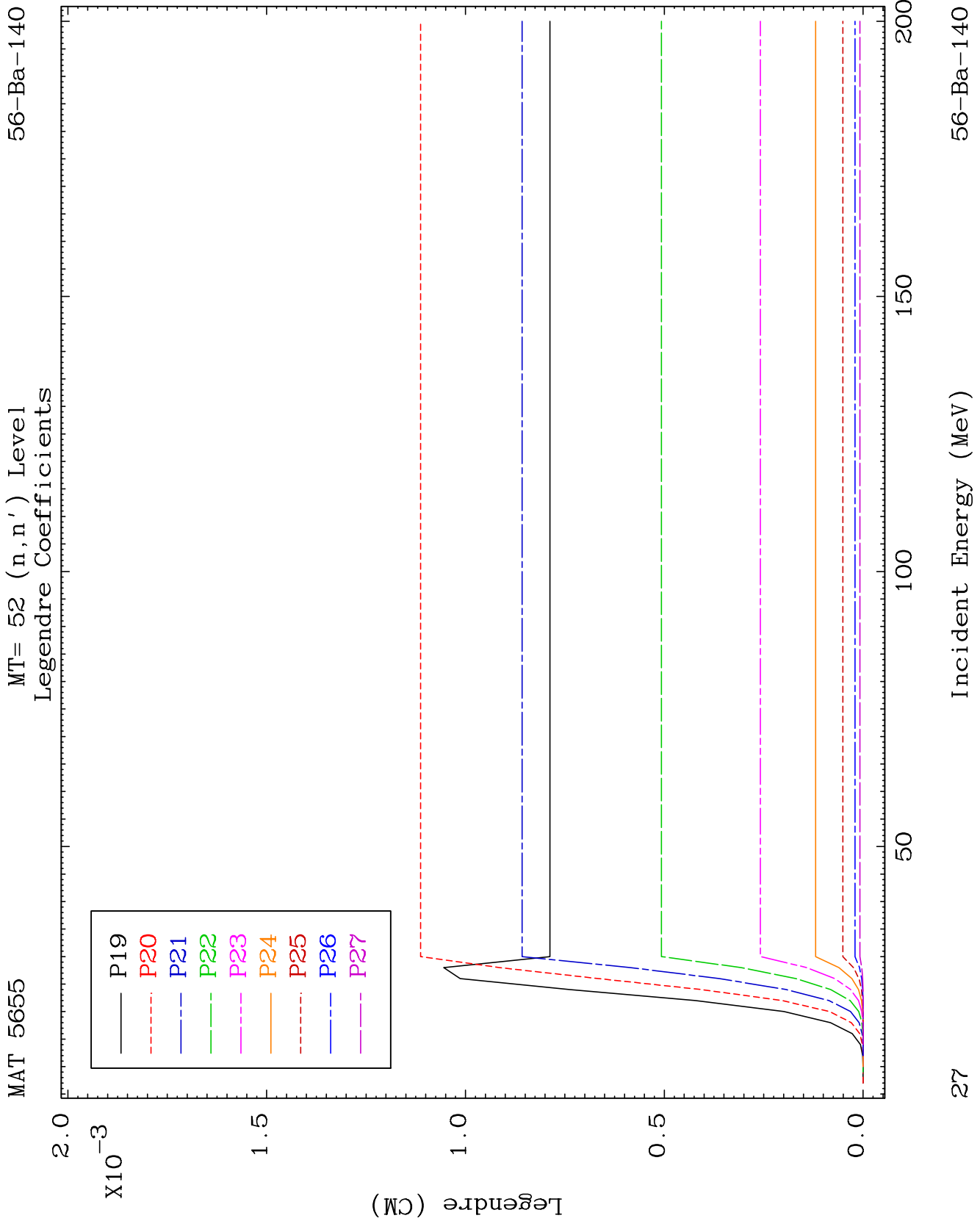


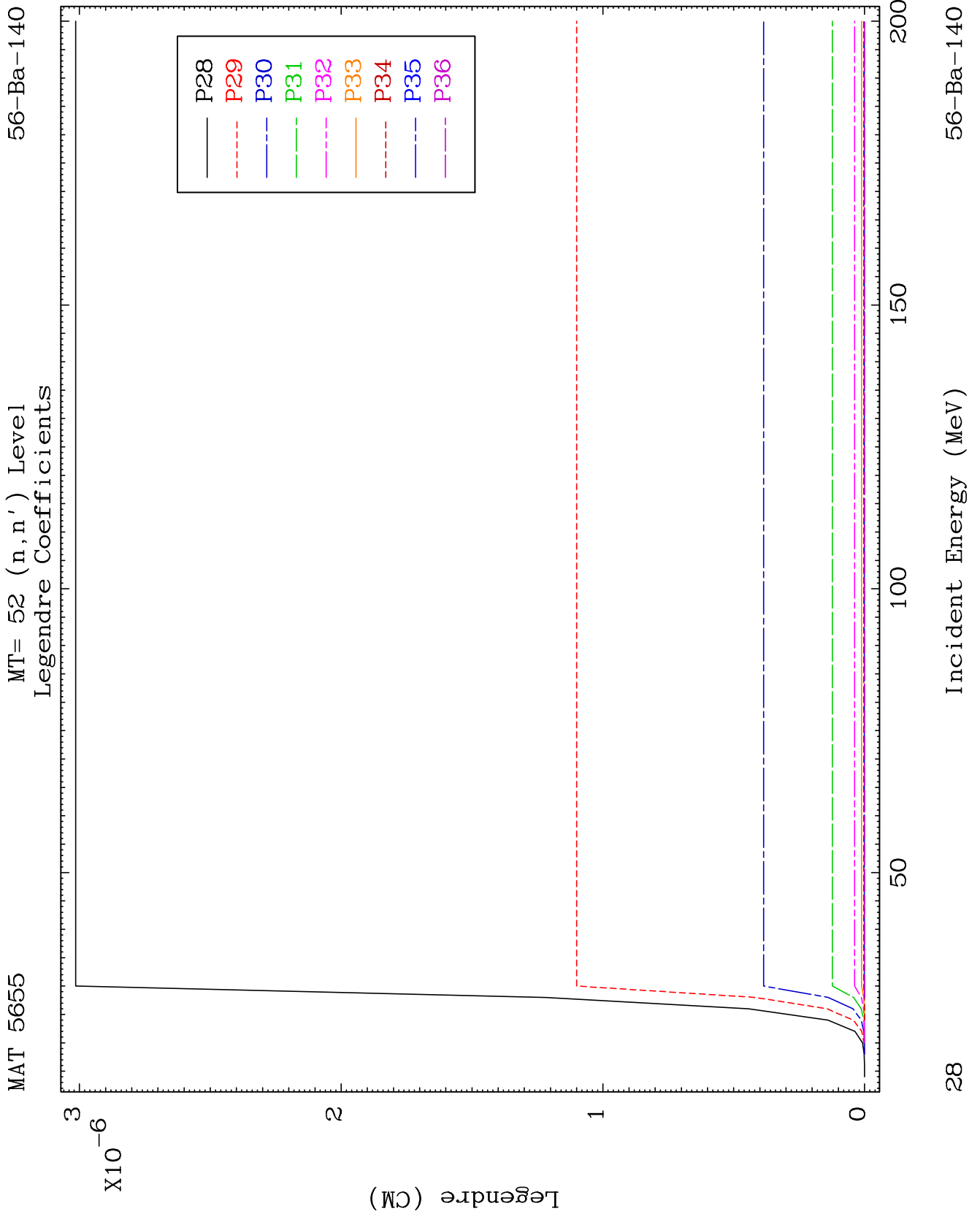








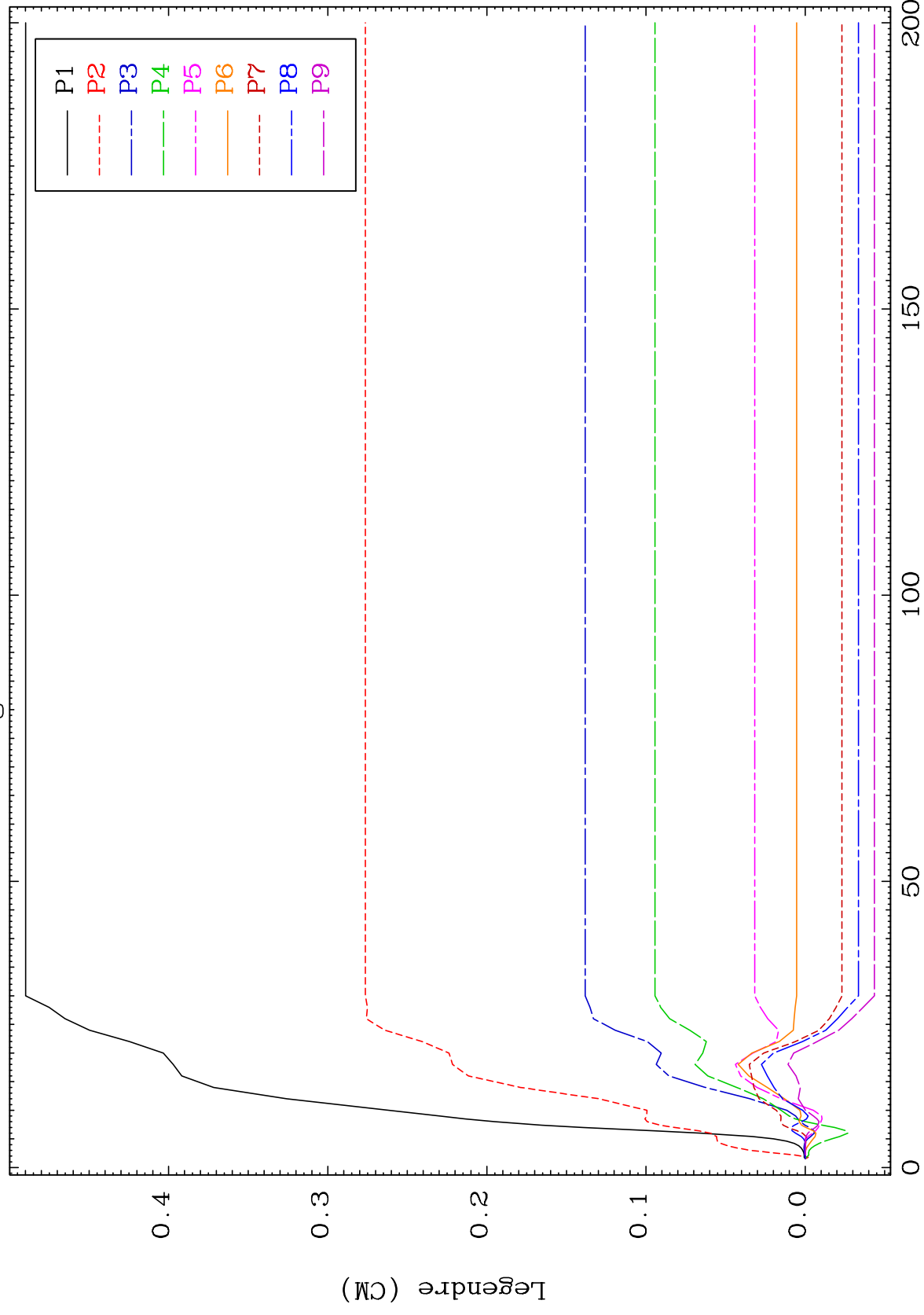




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MT= 53 (n,n') Level  
Legendre Coefficients

56-Ba-140



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Incident Energy (MeV)

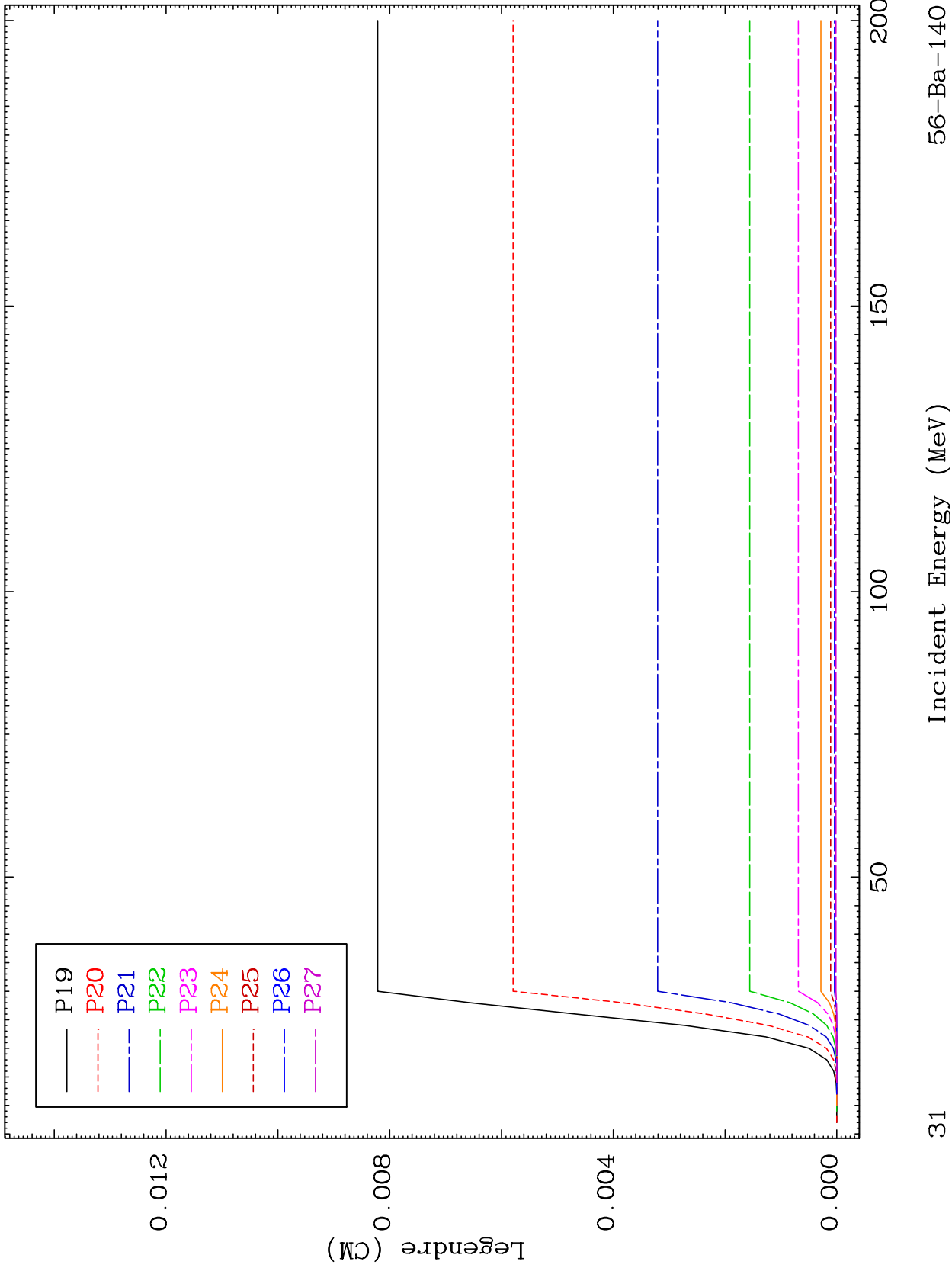
56-Ba-140



MAT 5655

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

56-Ba-140



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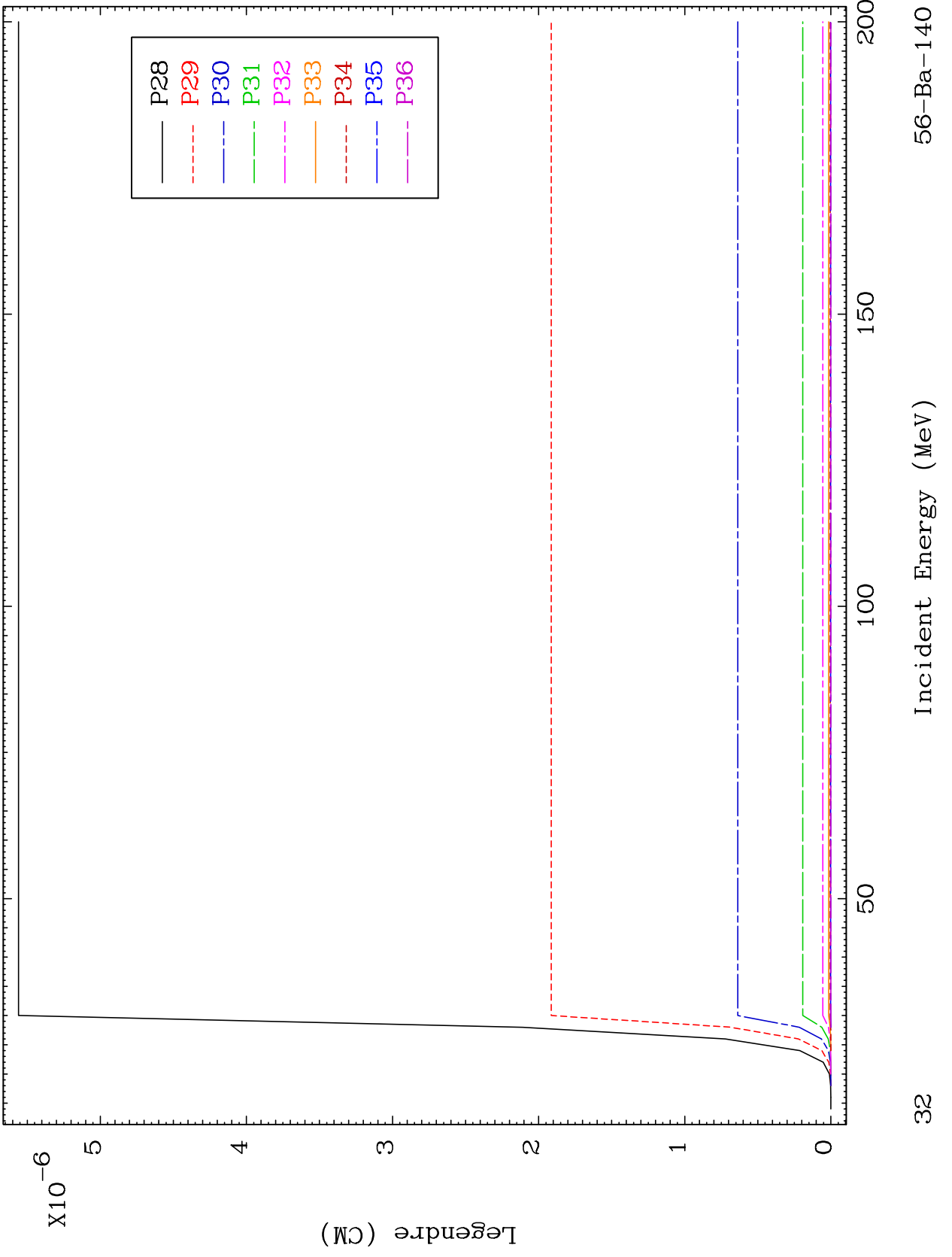
56-Ba-140



MAT 5655

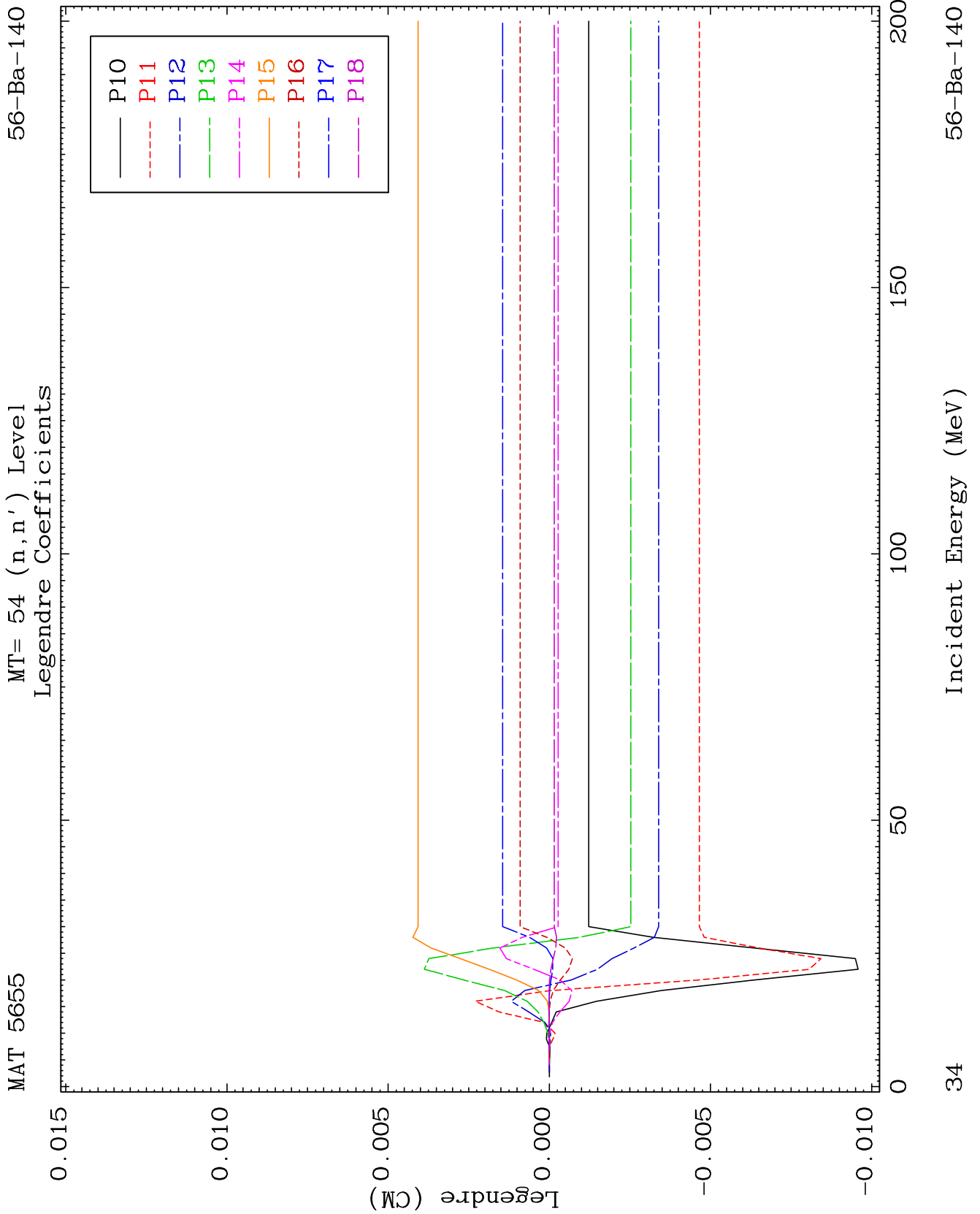
MT= 53 (n,n') Level  
Legendre Coefficients

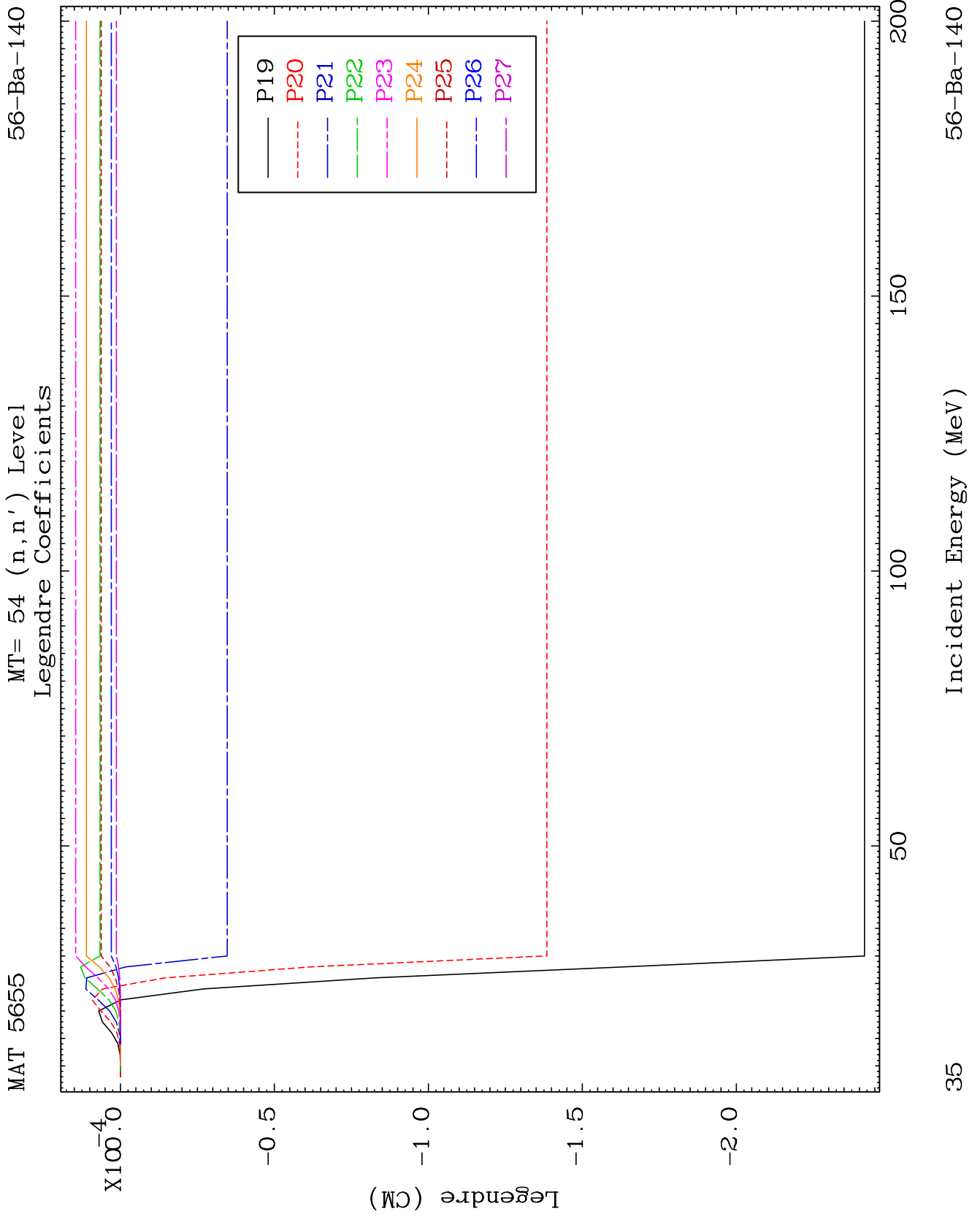
56-Ba-140



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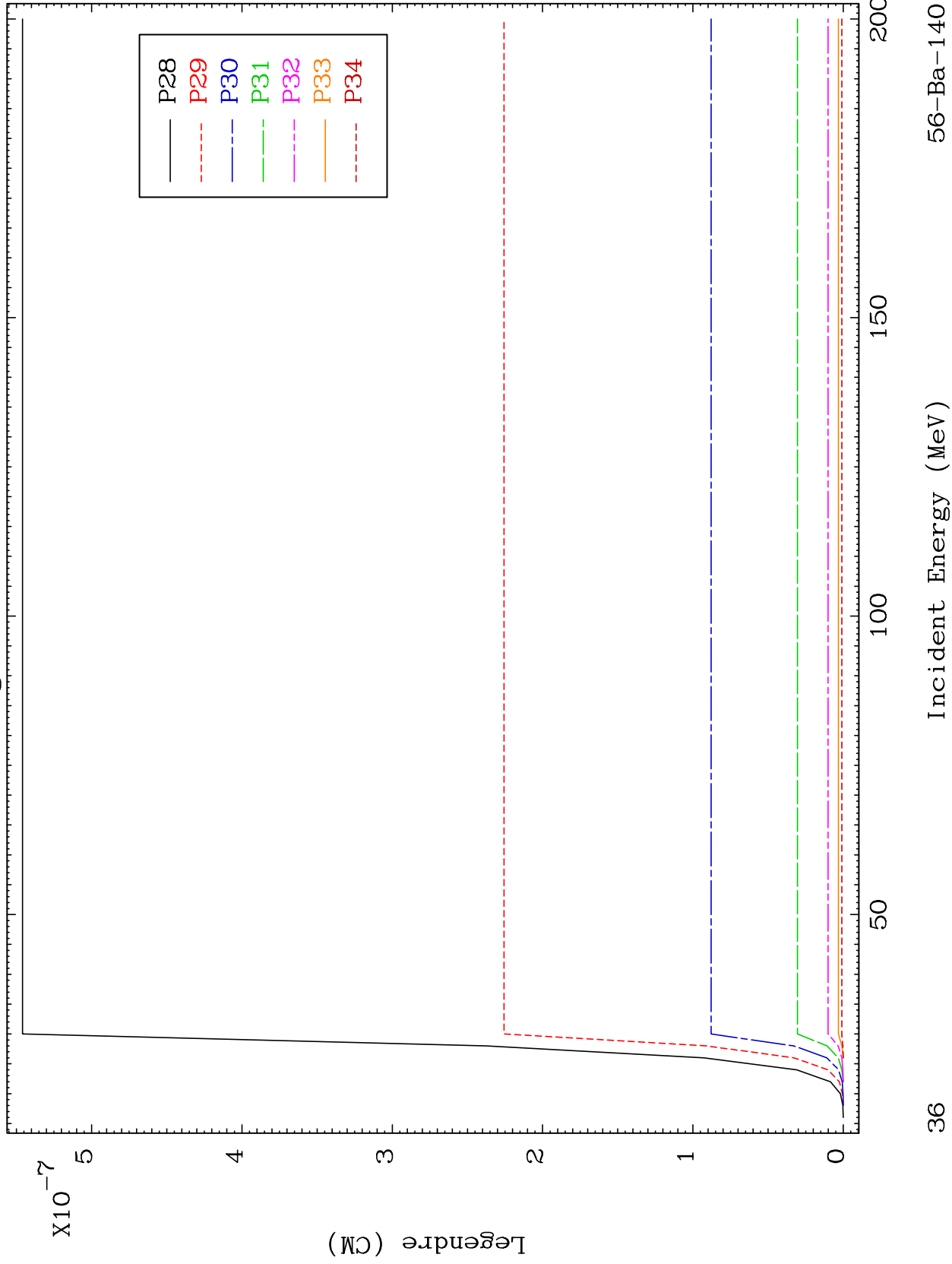




MAT 5655

MT= 54 (n,n') Level  
Legendre Coefficients

56-Ba-140



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Incident Energy (MeV)

56-Ba-140

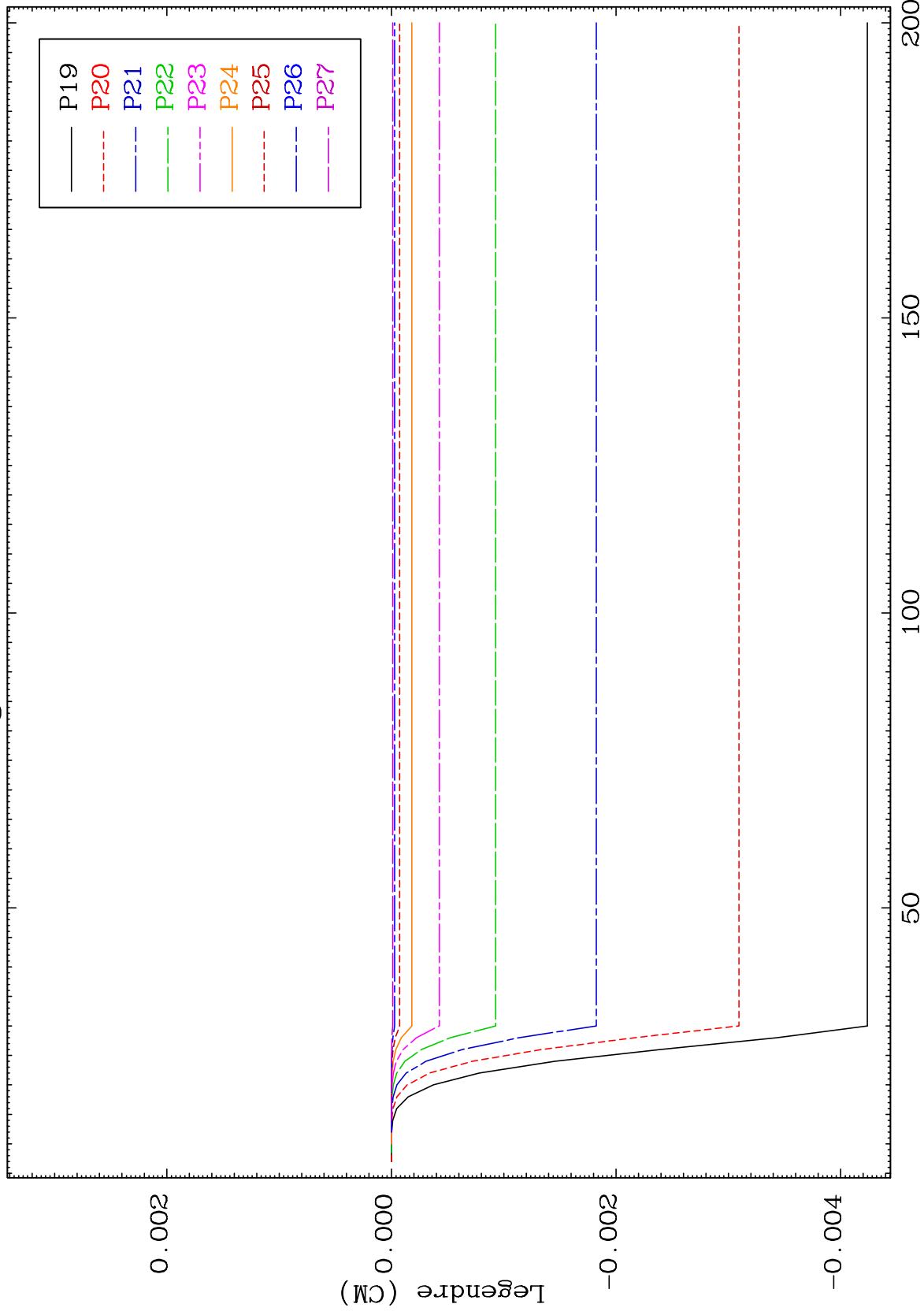




MAT 5655

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

56-Ba-140

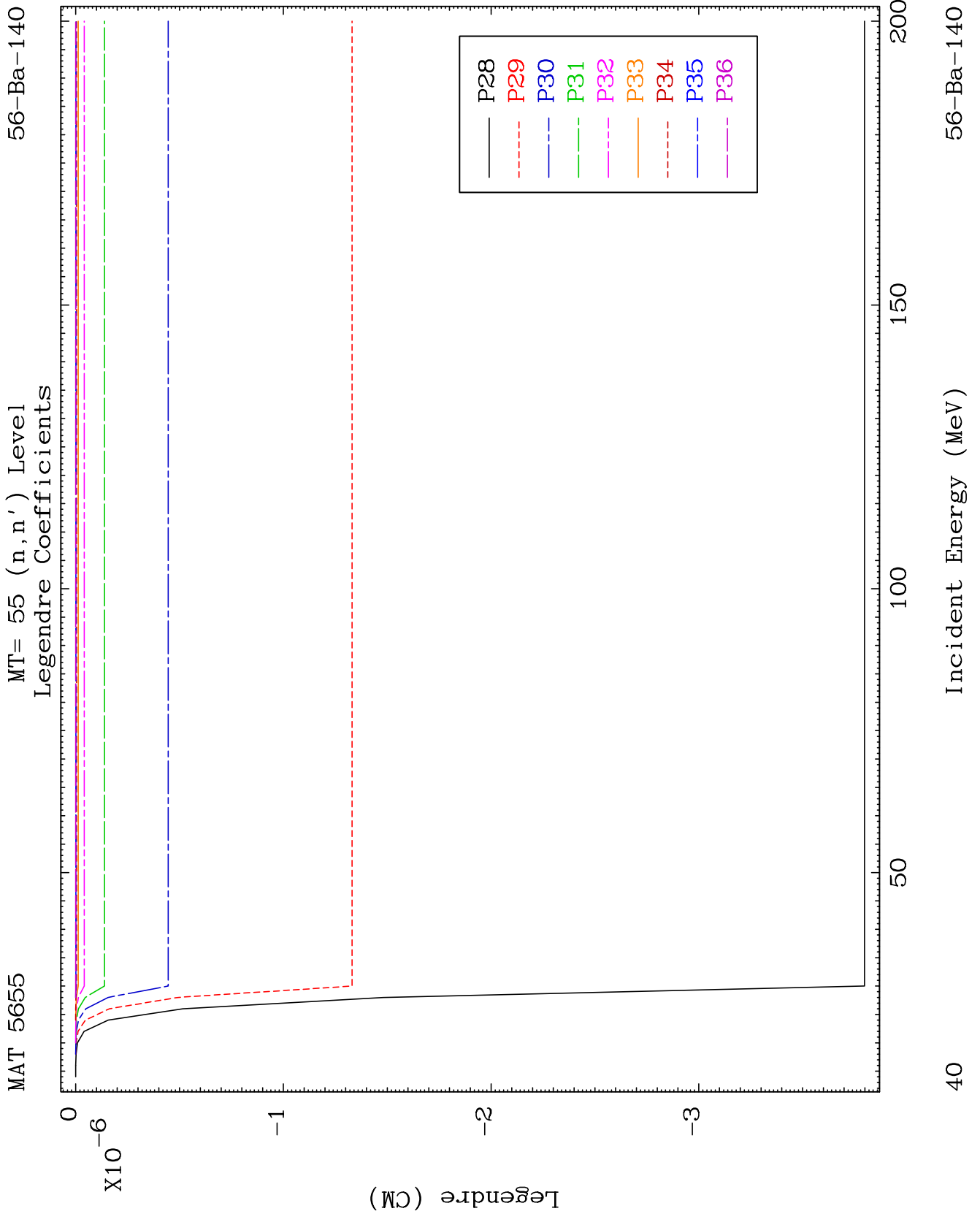


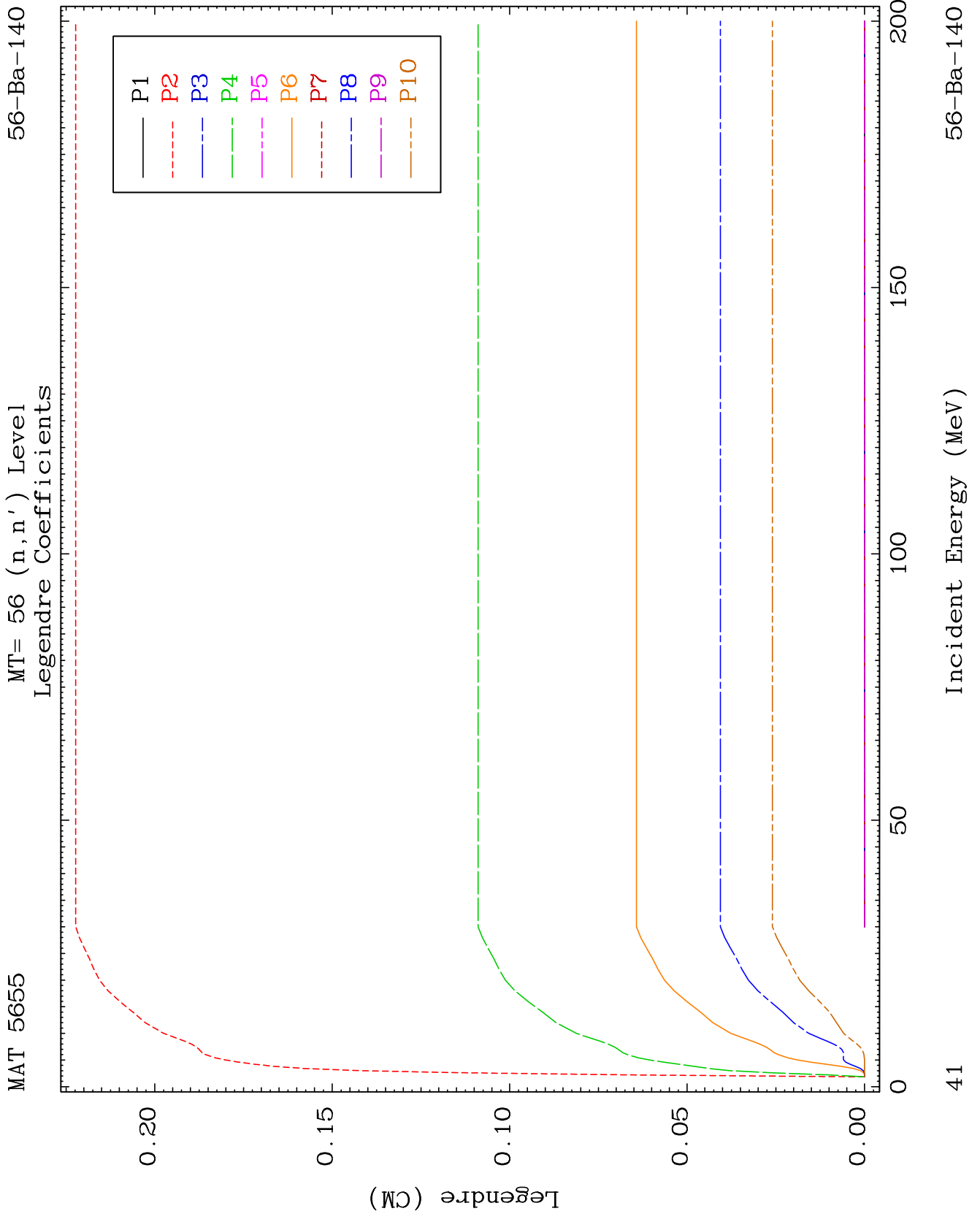
39

Incident Energy (MeV)

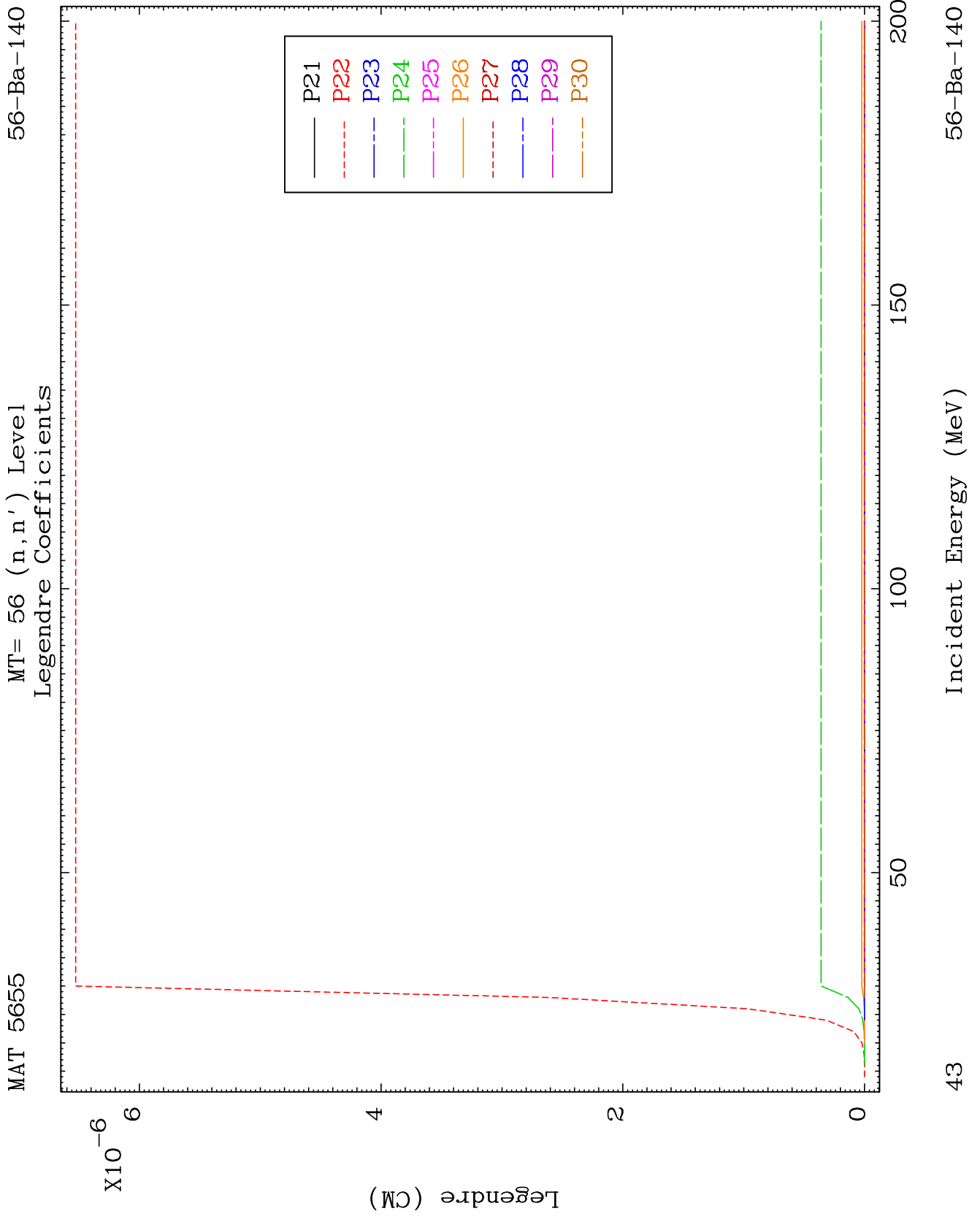
56-Ba-140

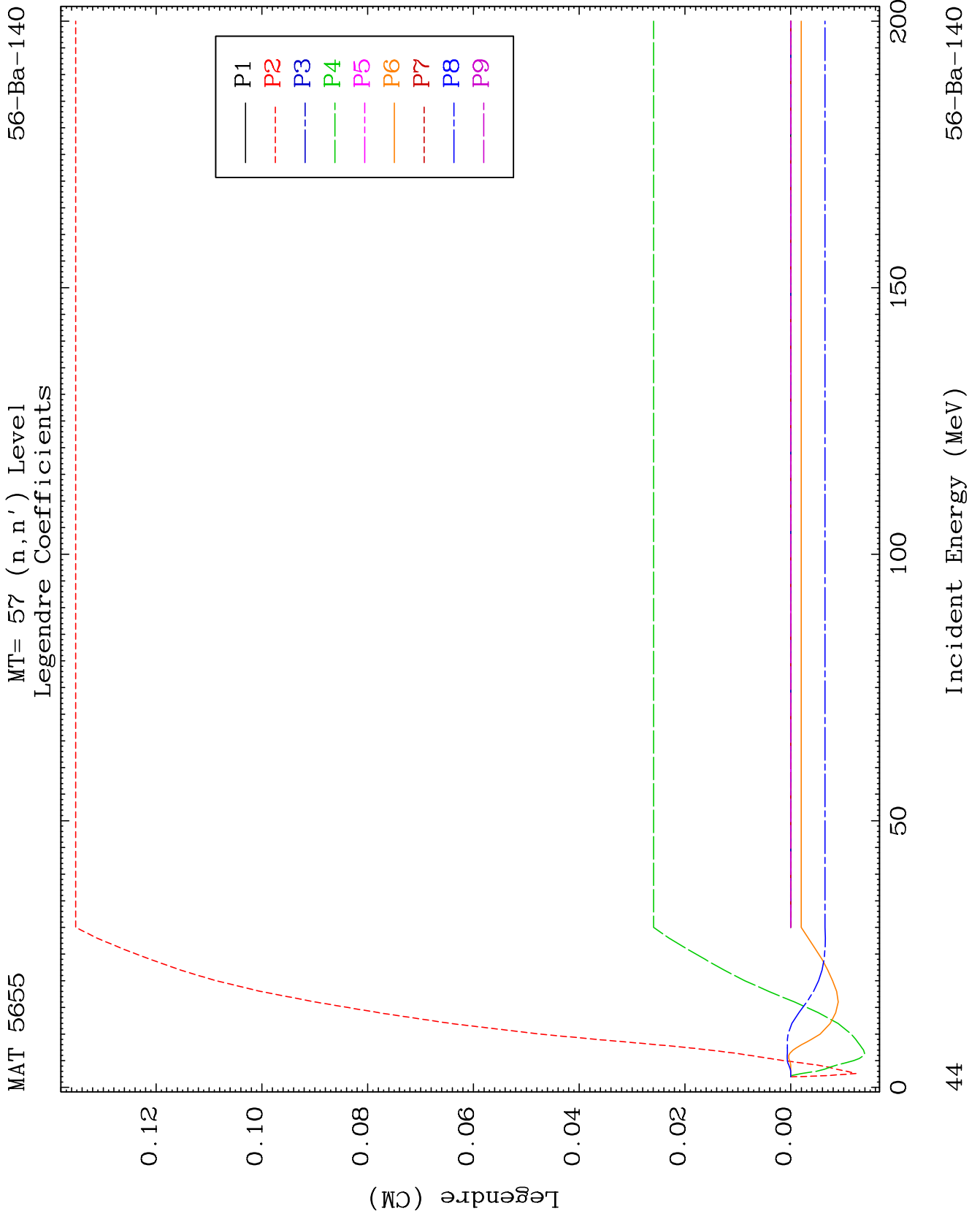








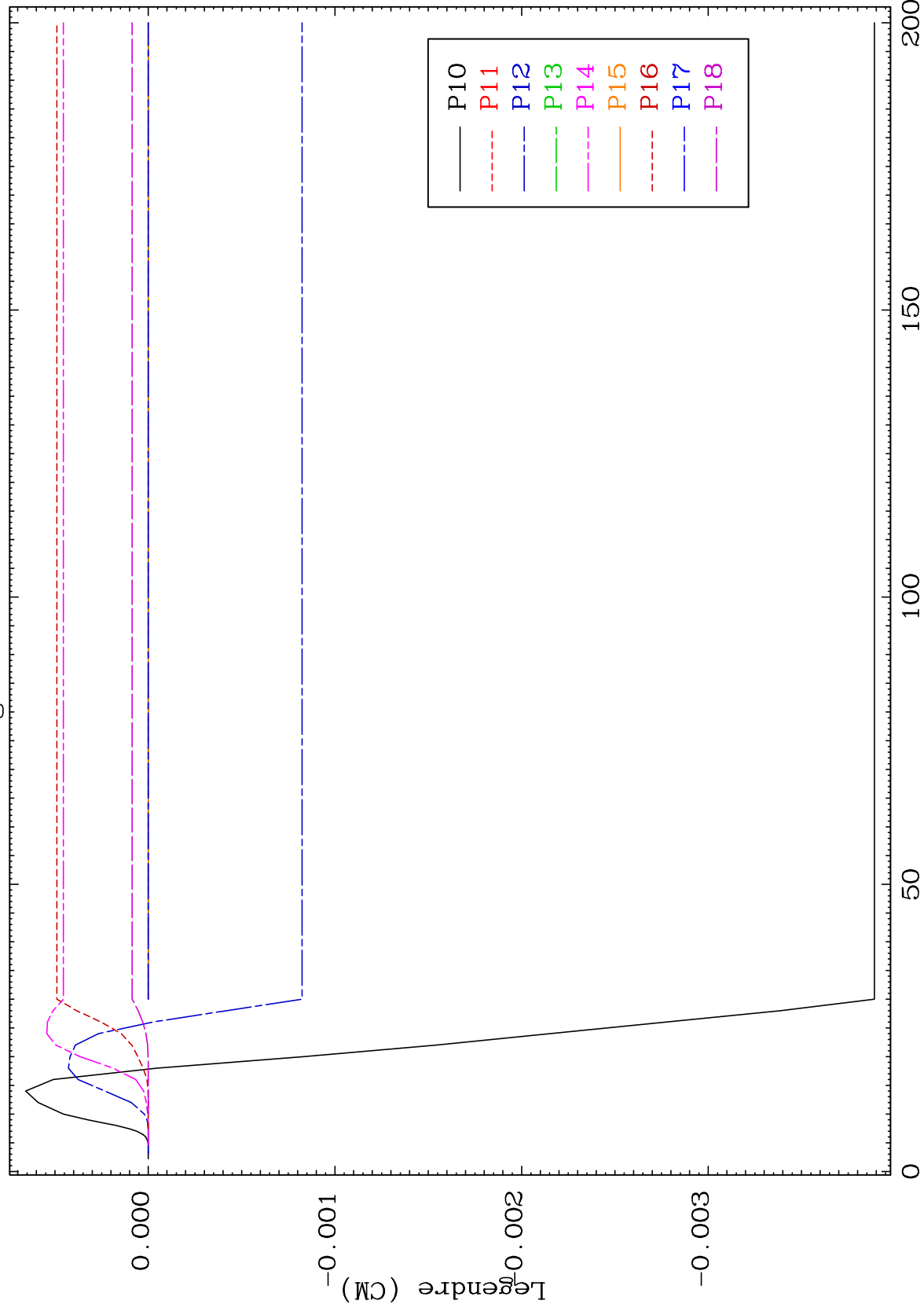




MAT 5655

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

56-Ba-140

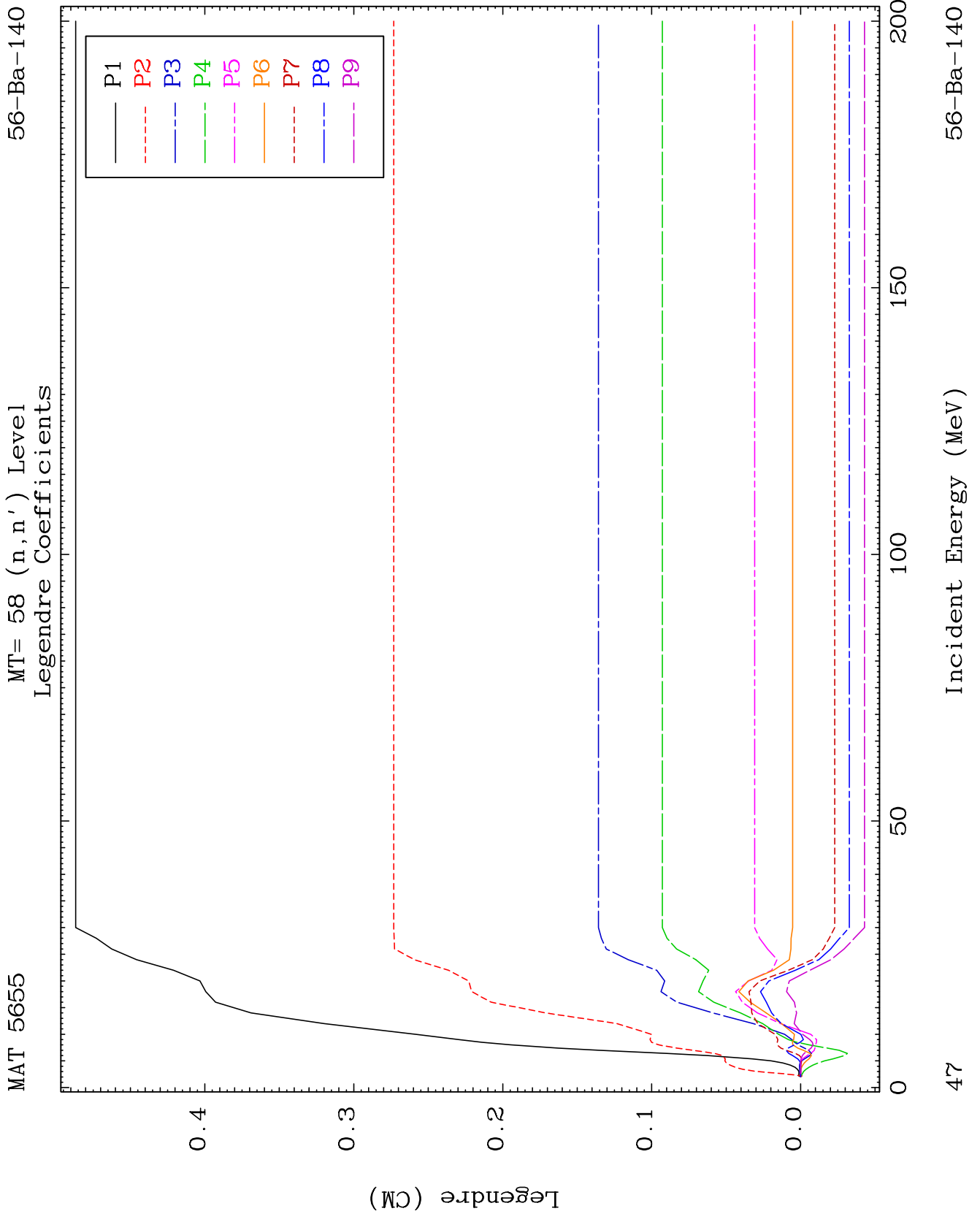


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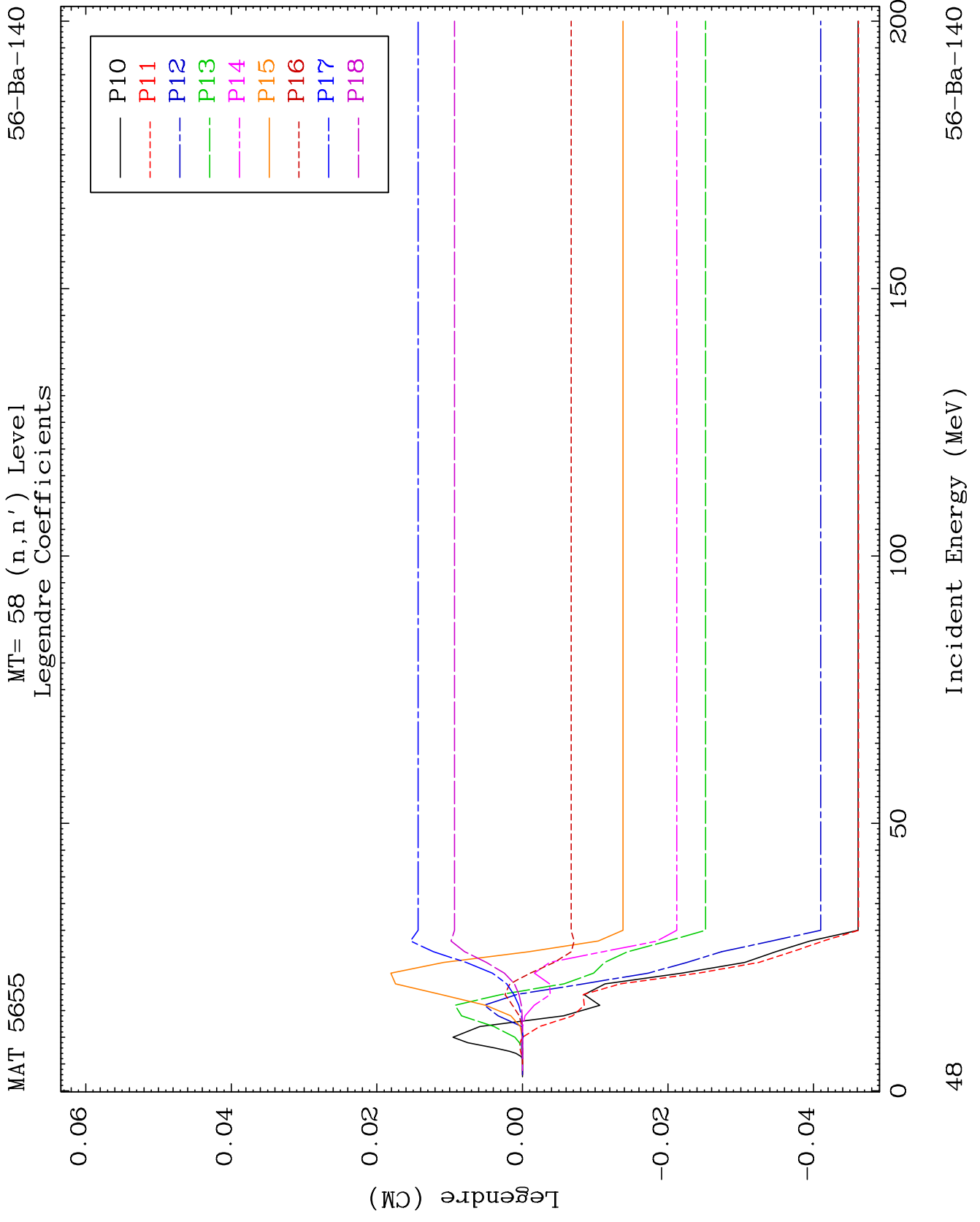
Incident Energy (MeV)

56-Ba-140





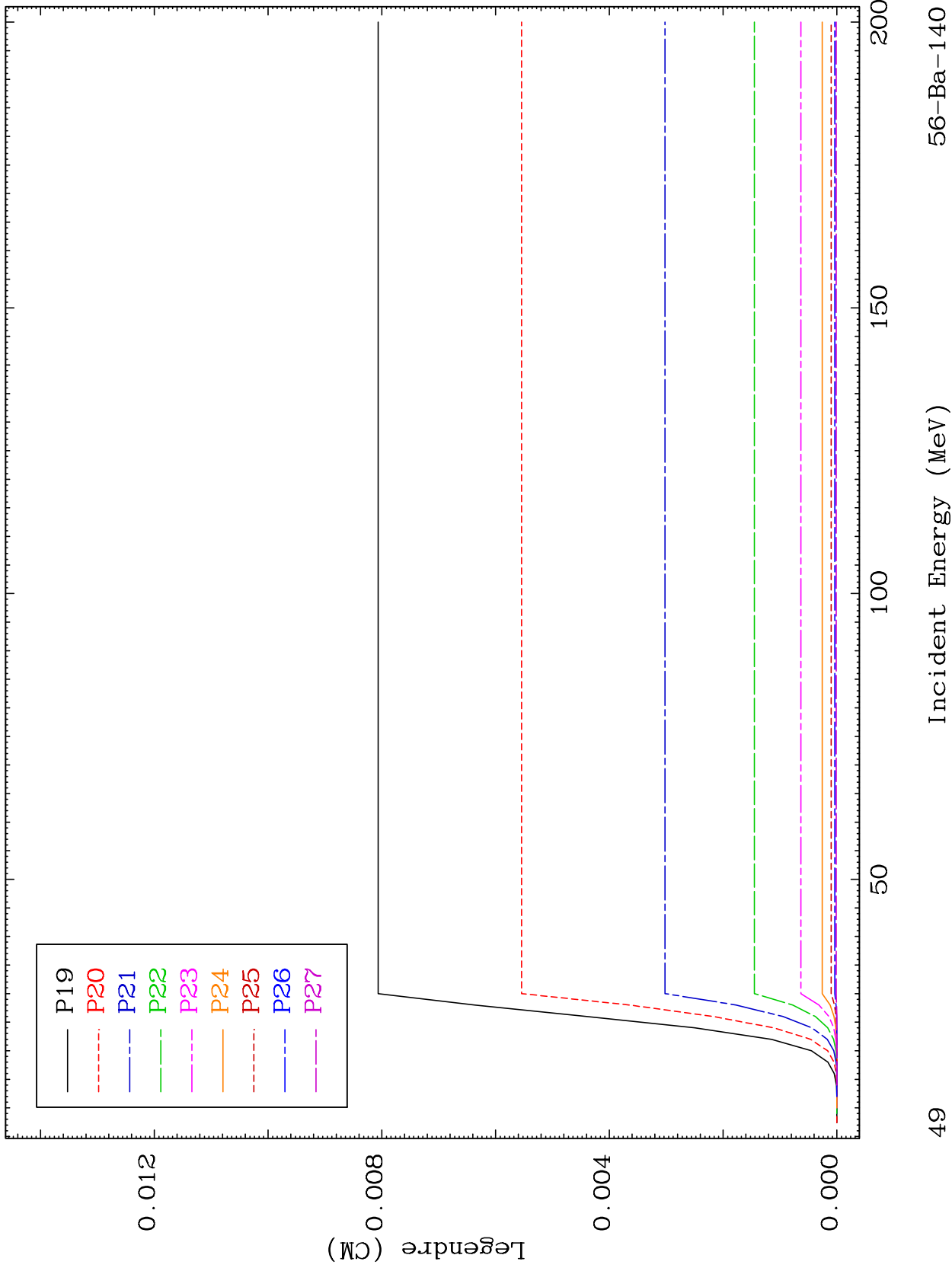




MAT 5655

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

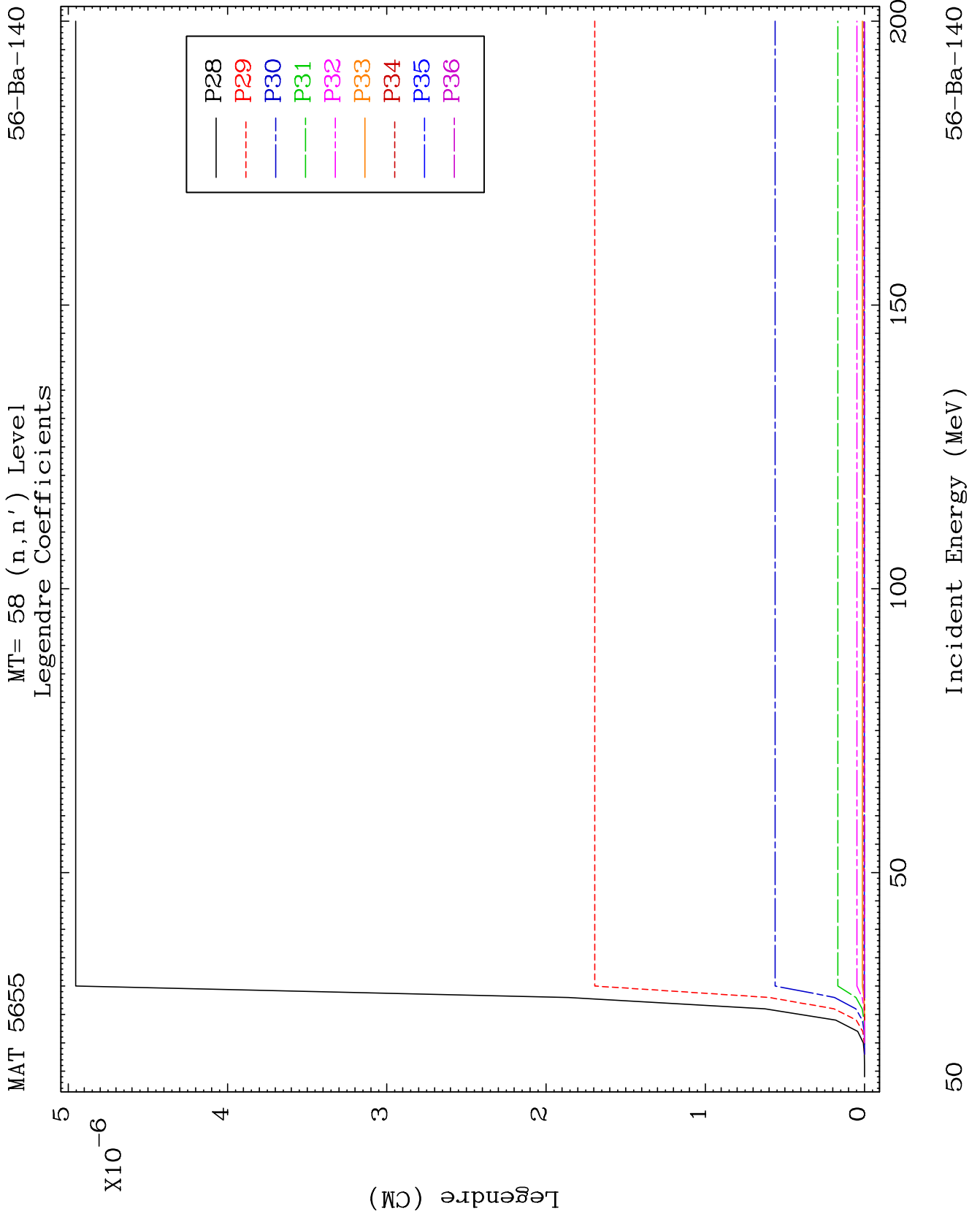
56-Ba-140



49

Incident Energy (MeV)

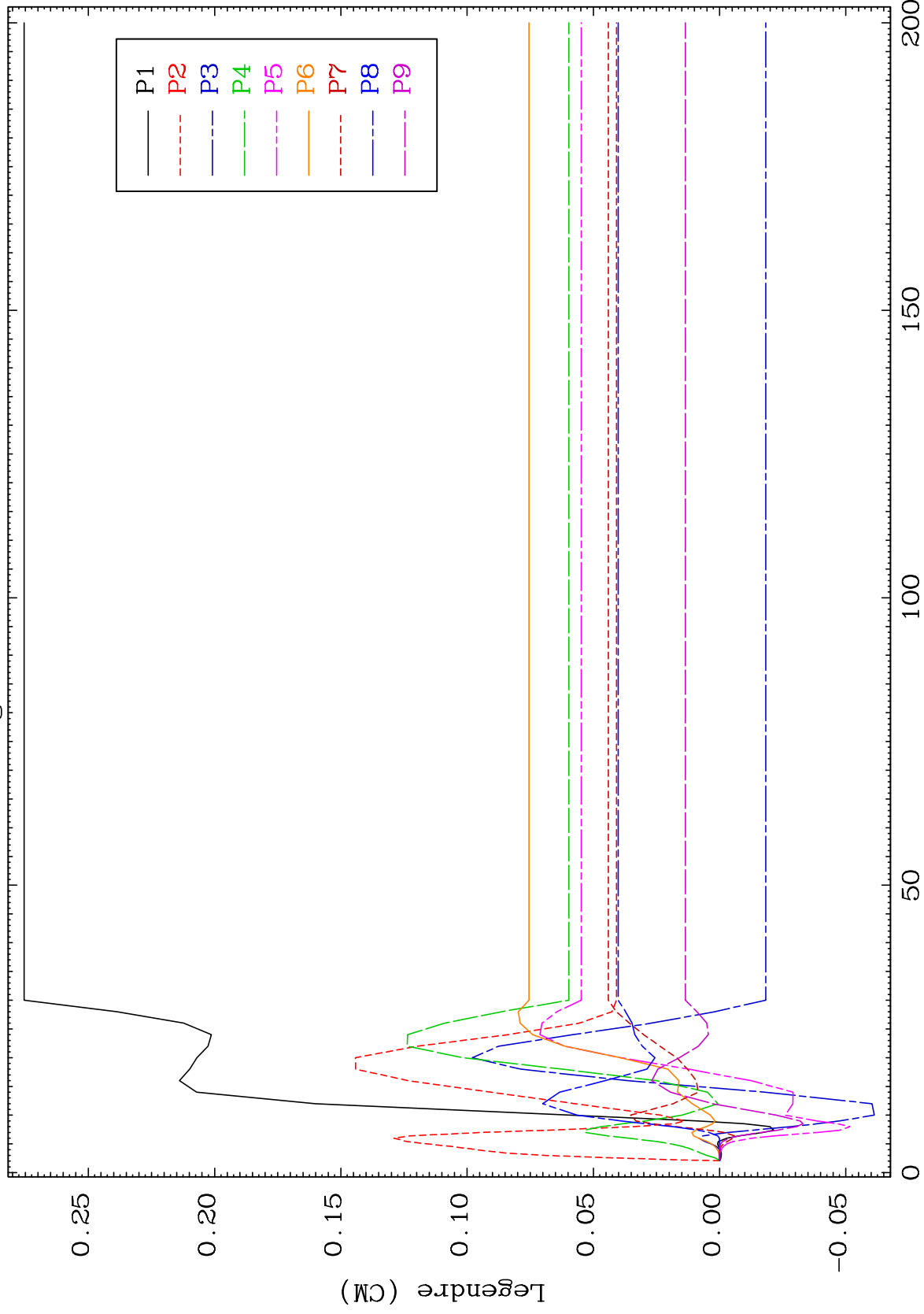
56-Ba-140



MAT 5655

MT= 59 (n,n') Level  
Legendre Coefficients

56-Ba-140



51

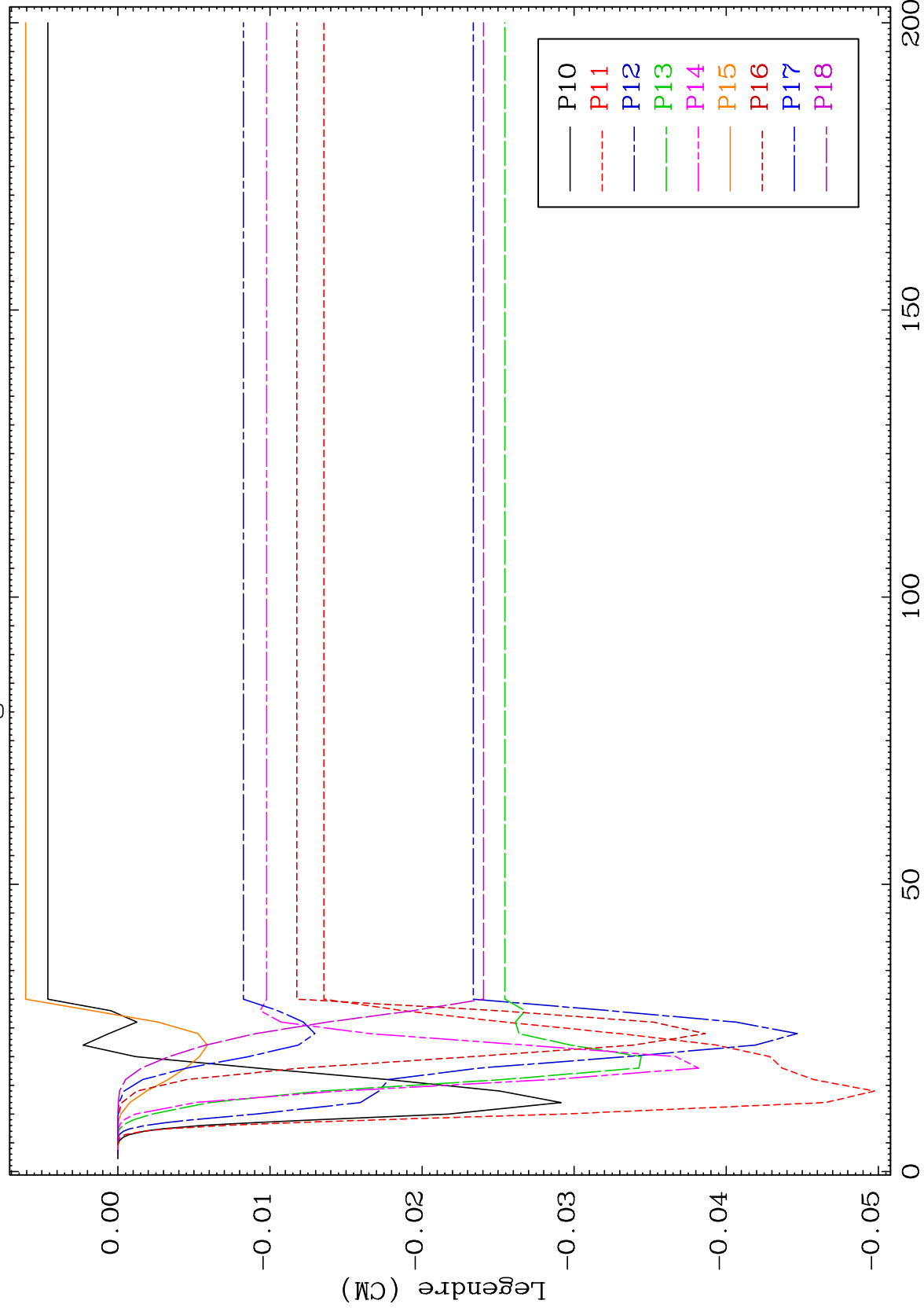
Incident Energy (MeV)

56-Ba-140

MAT 5655

MT= 59 (n,n') Level  
Legendre Coefficients

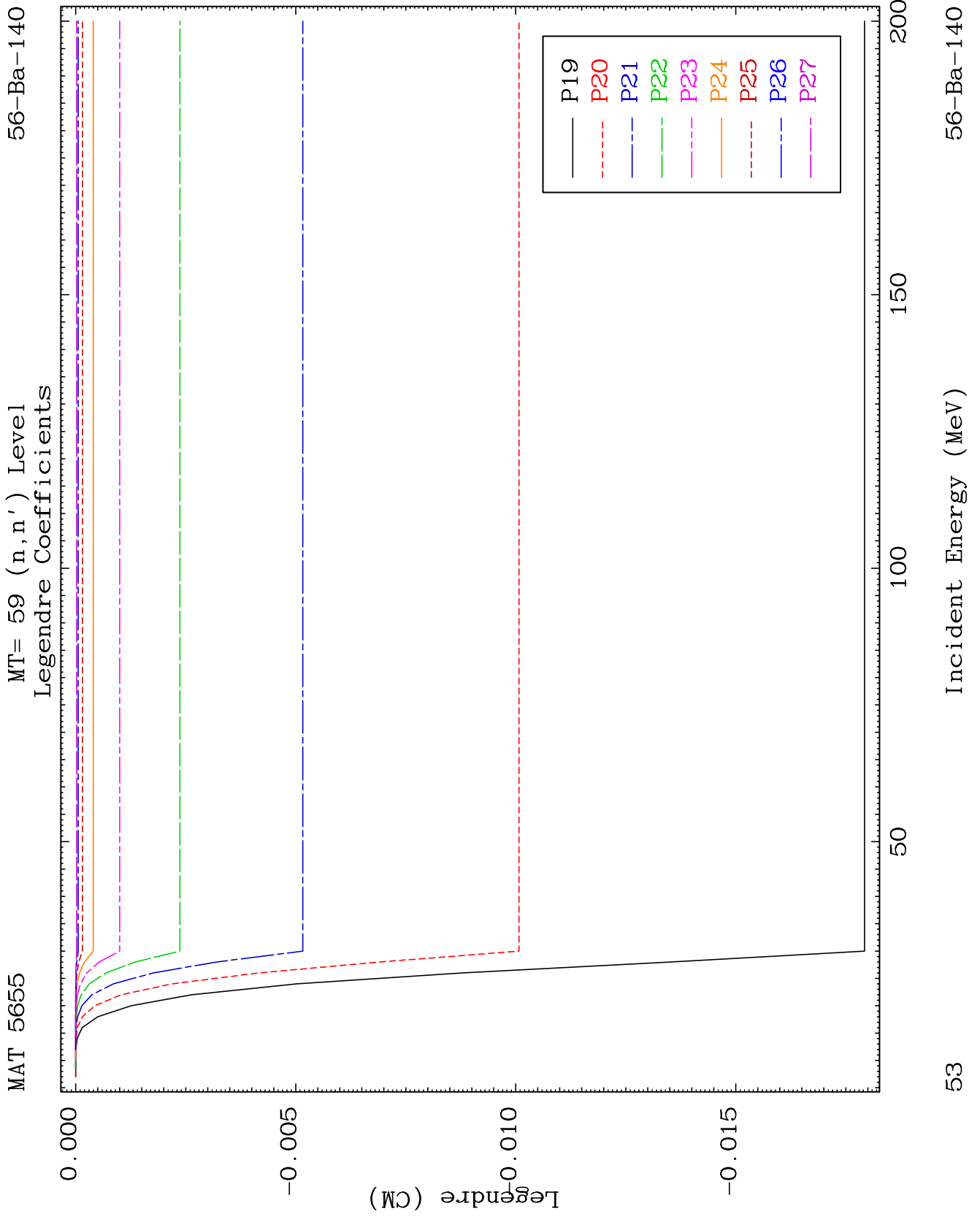
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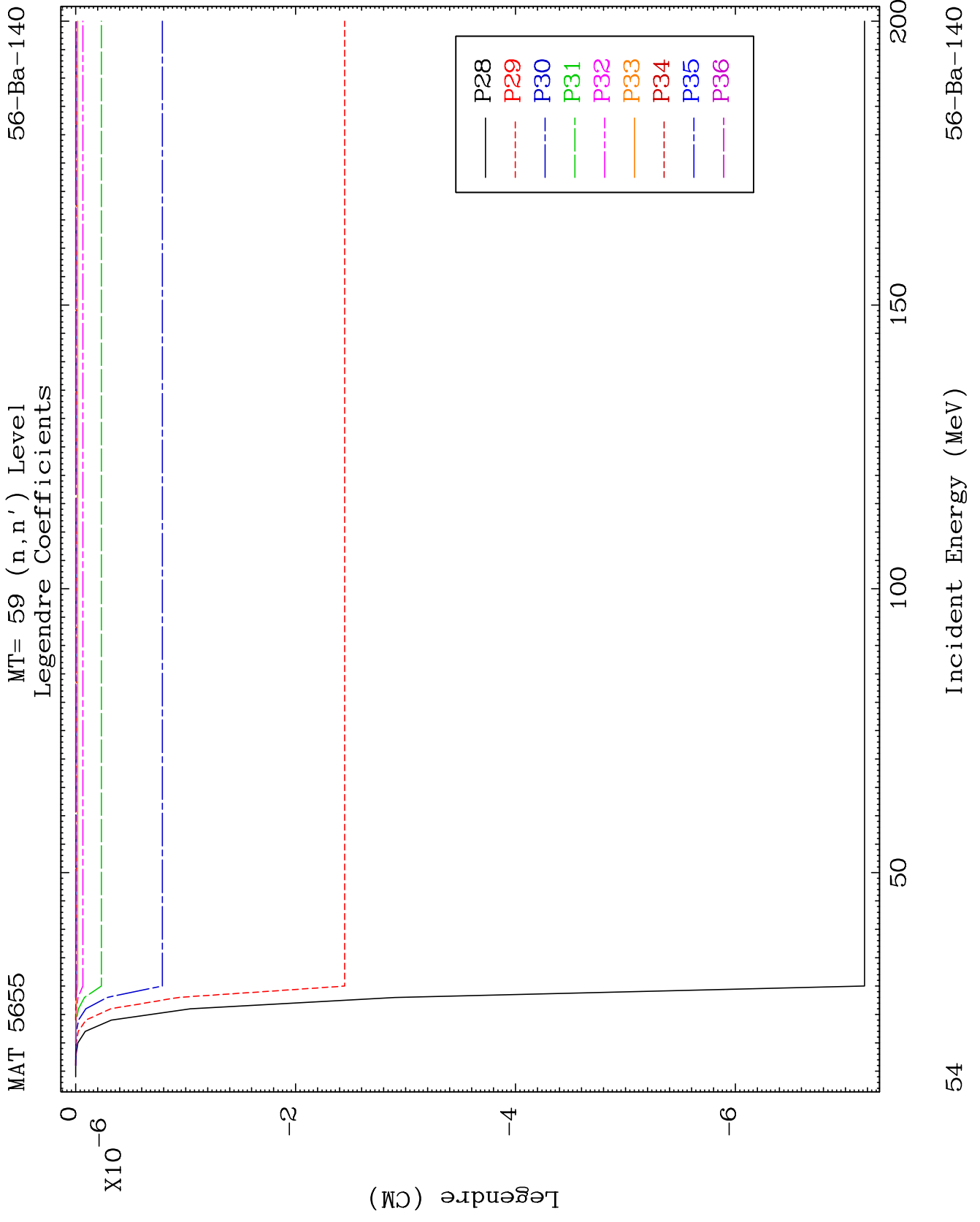


52

Incident Energy (MeV)

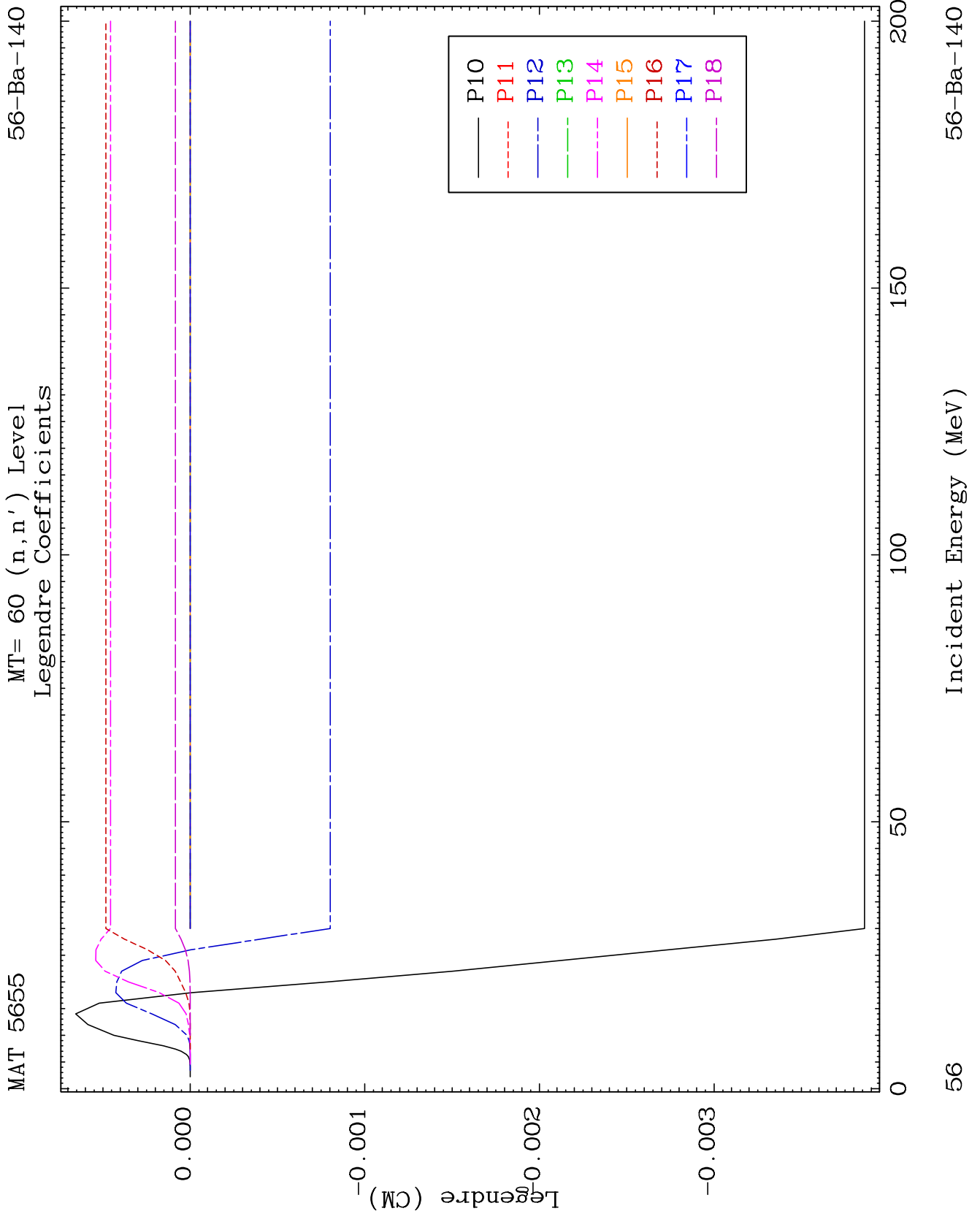
56-Ba-140



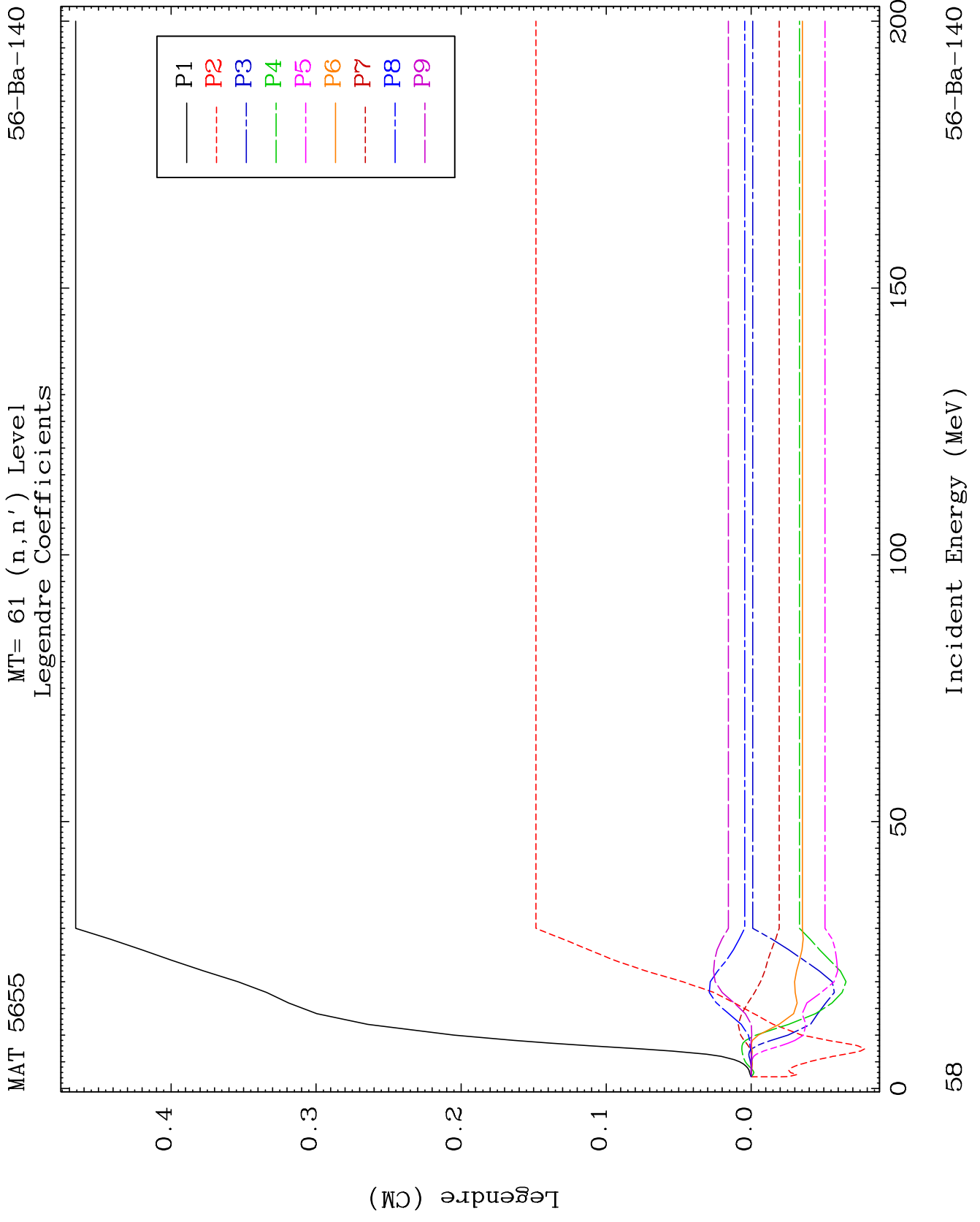








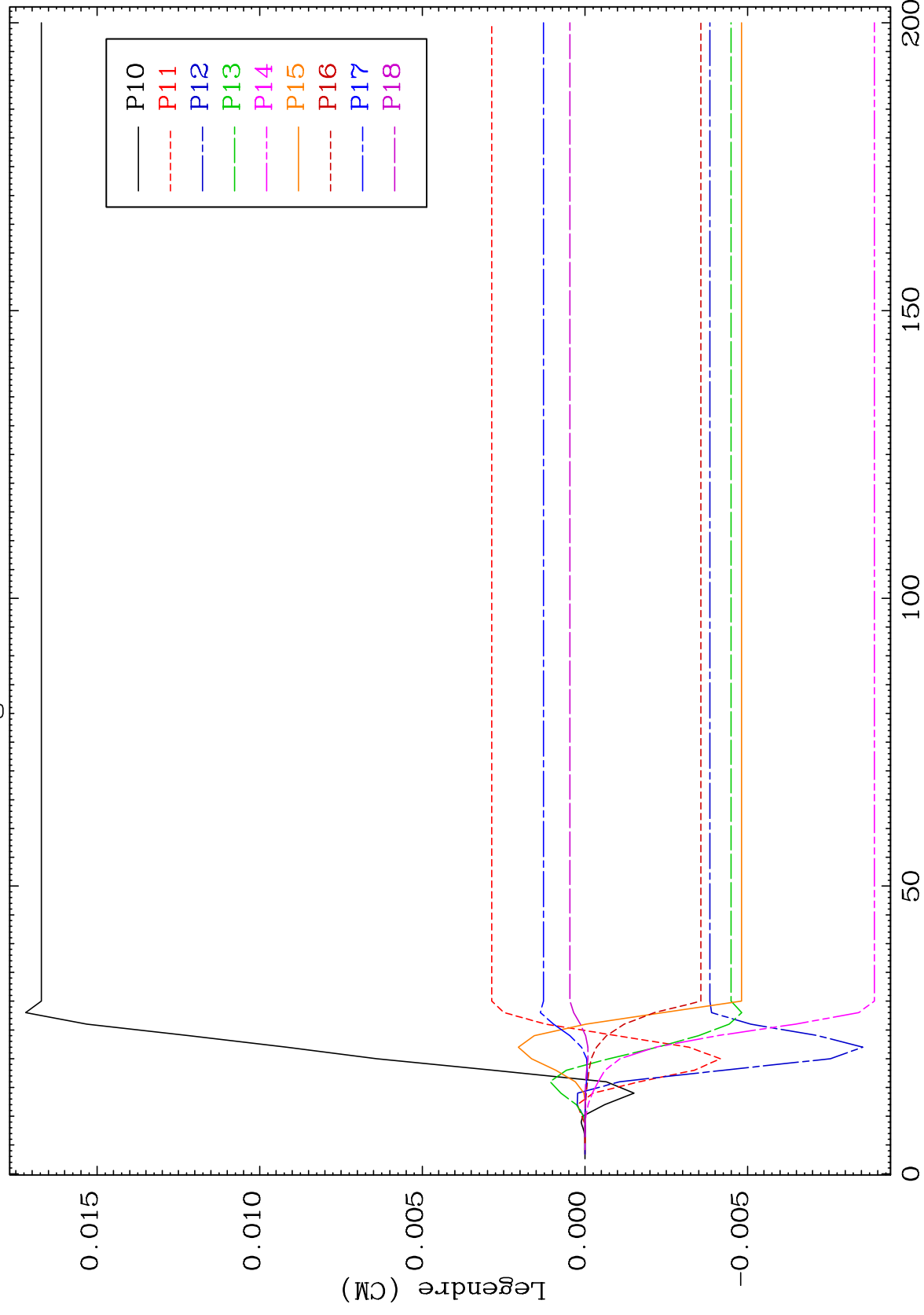




MAT 5655

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

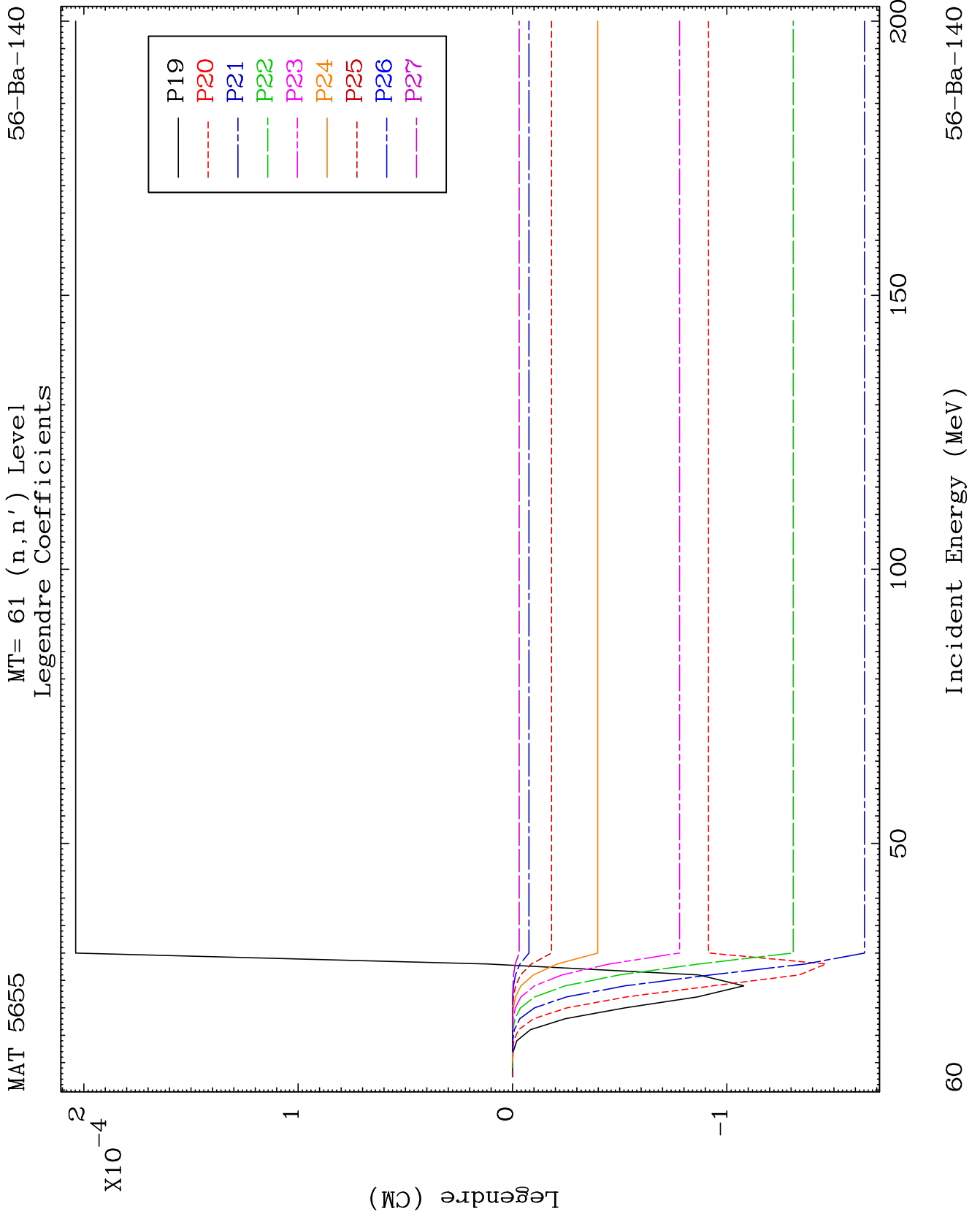
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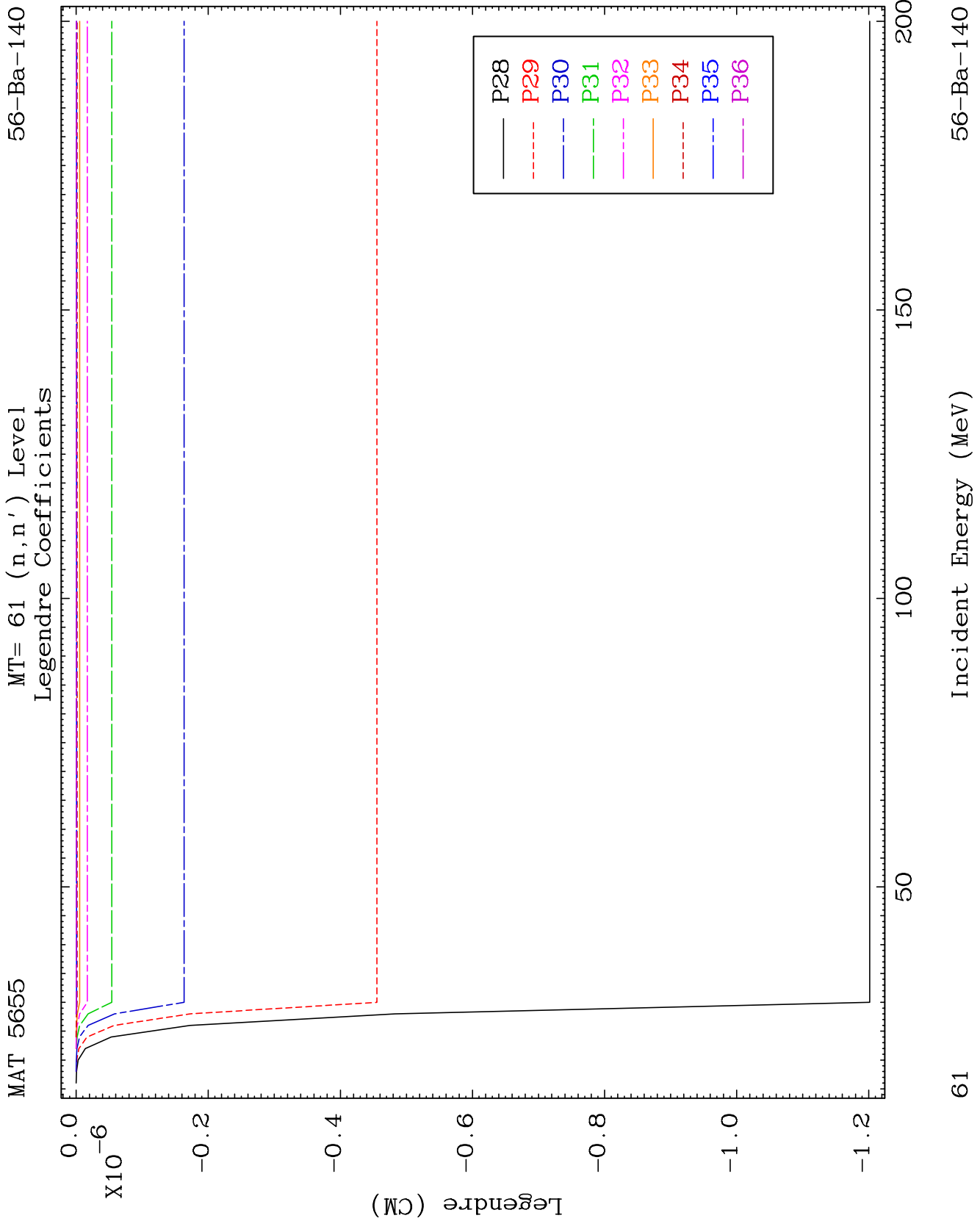


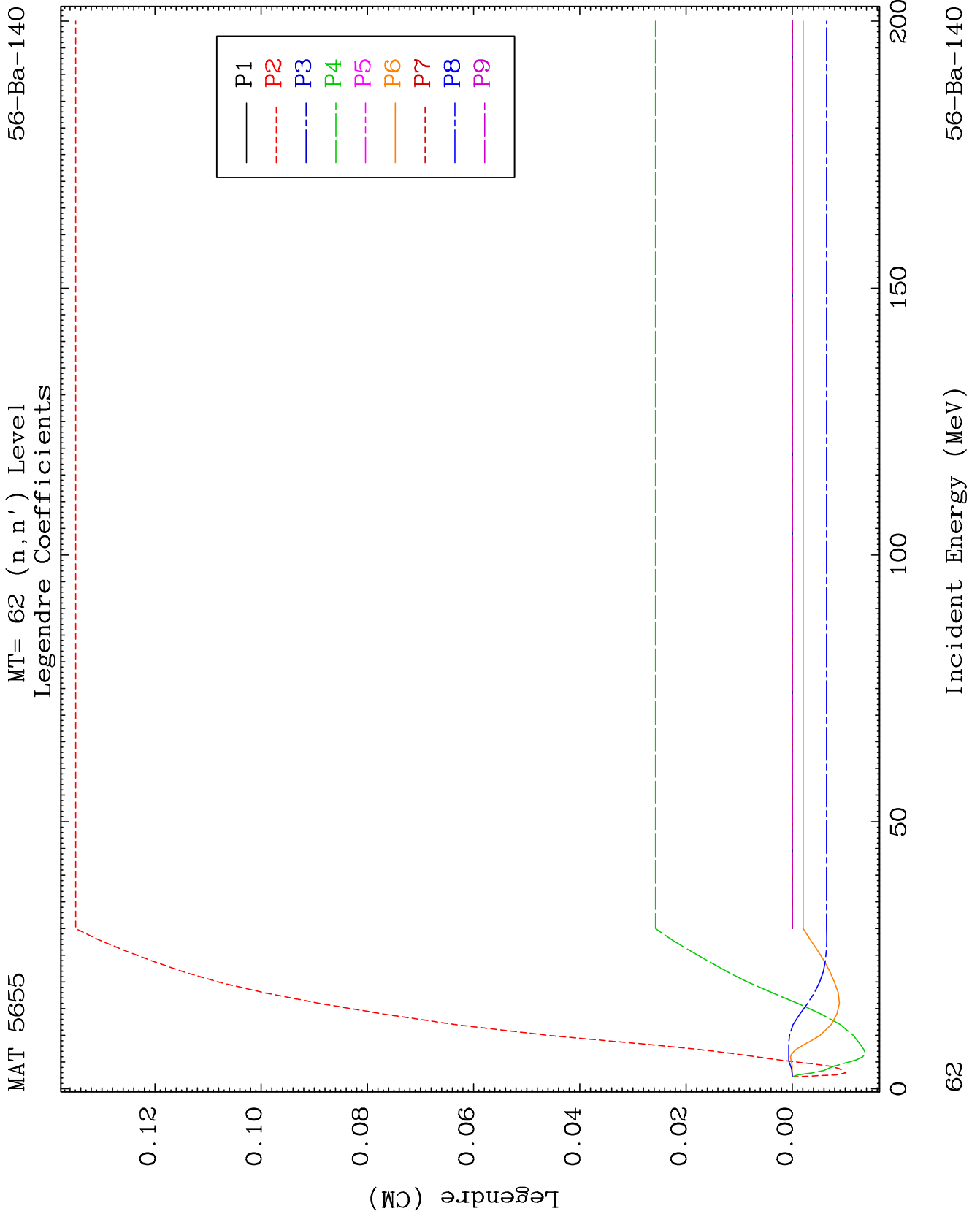
59

Incident Energy (MeV)

56-Ba-140





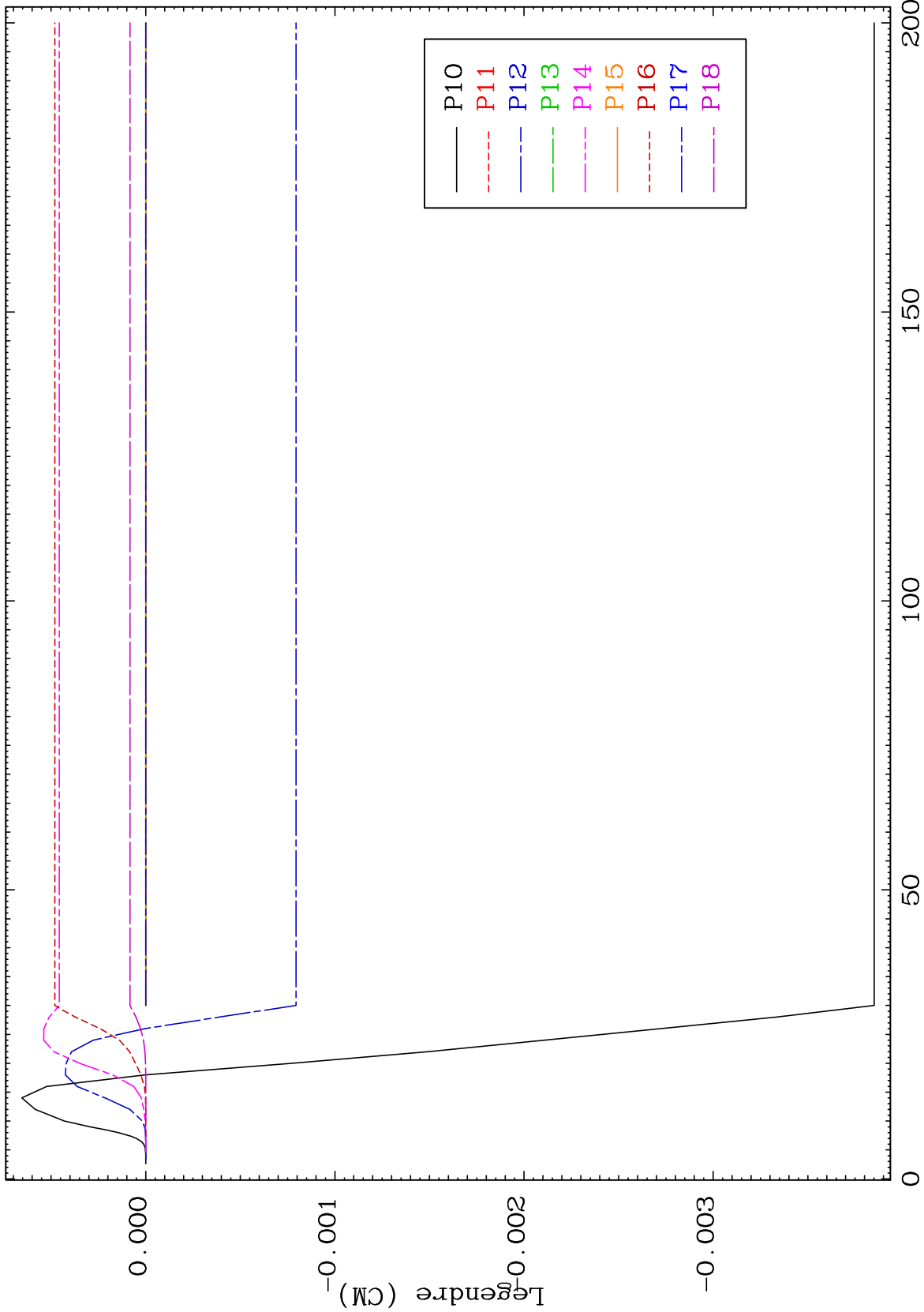


MAT 5655

MT= 62 (n,n') Level

56-Ba-140

Legendre Coefficients

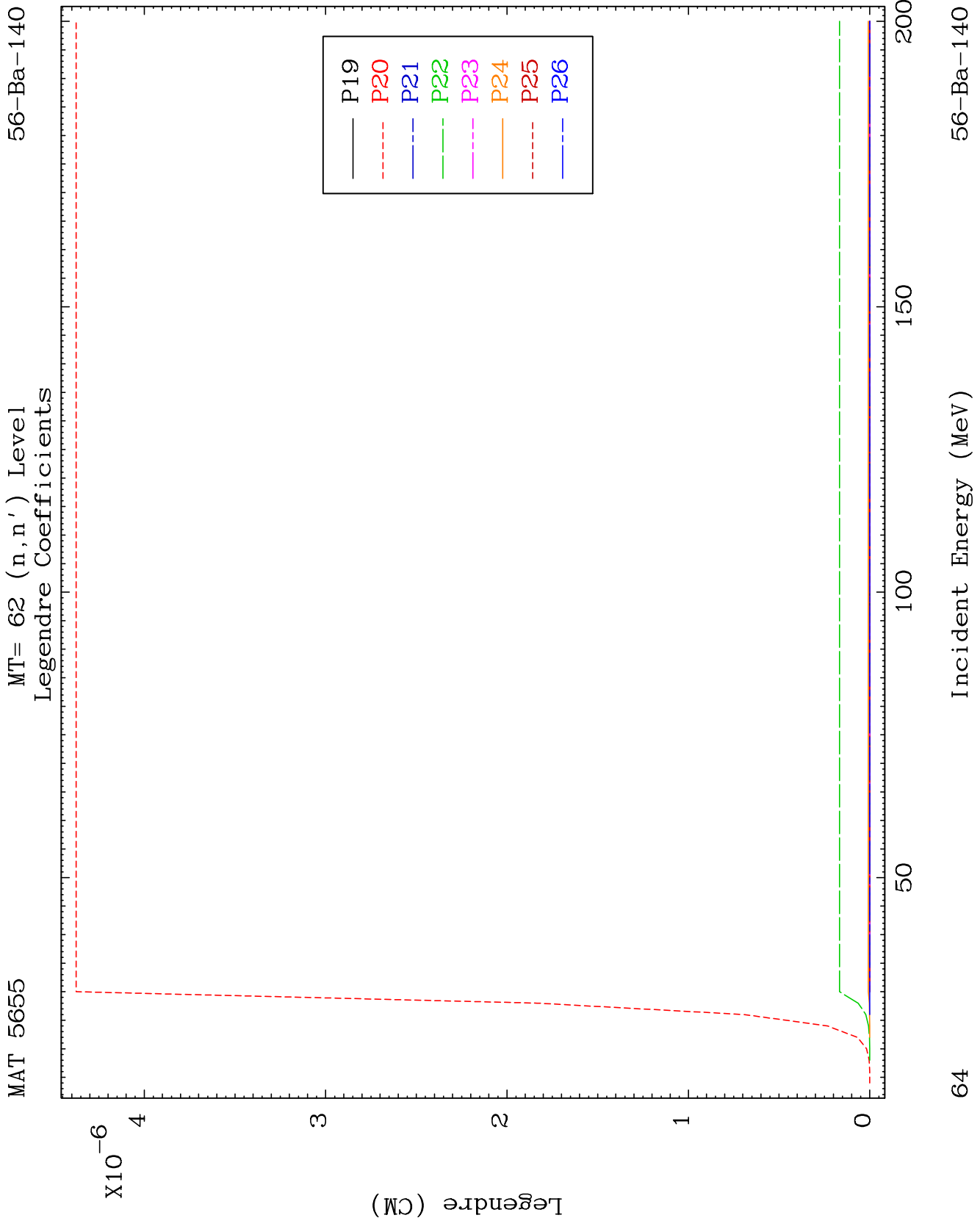


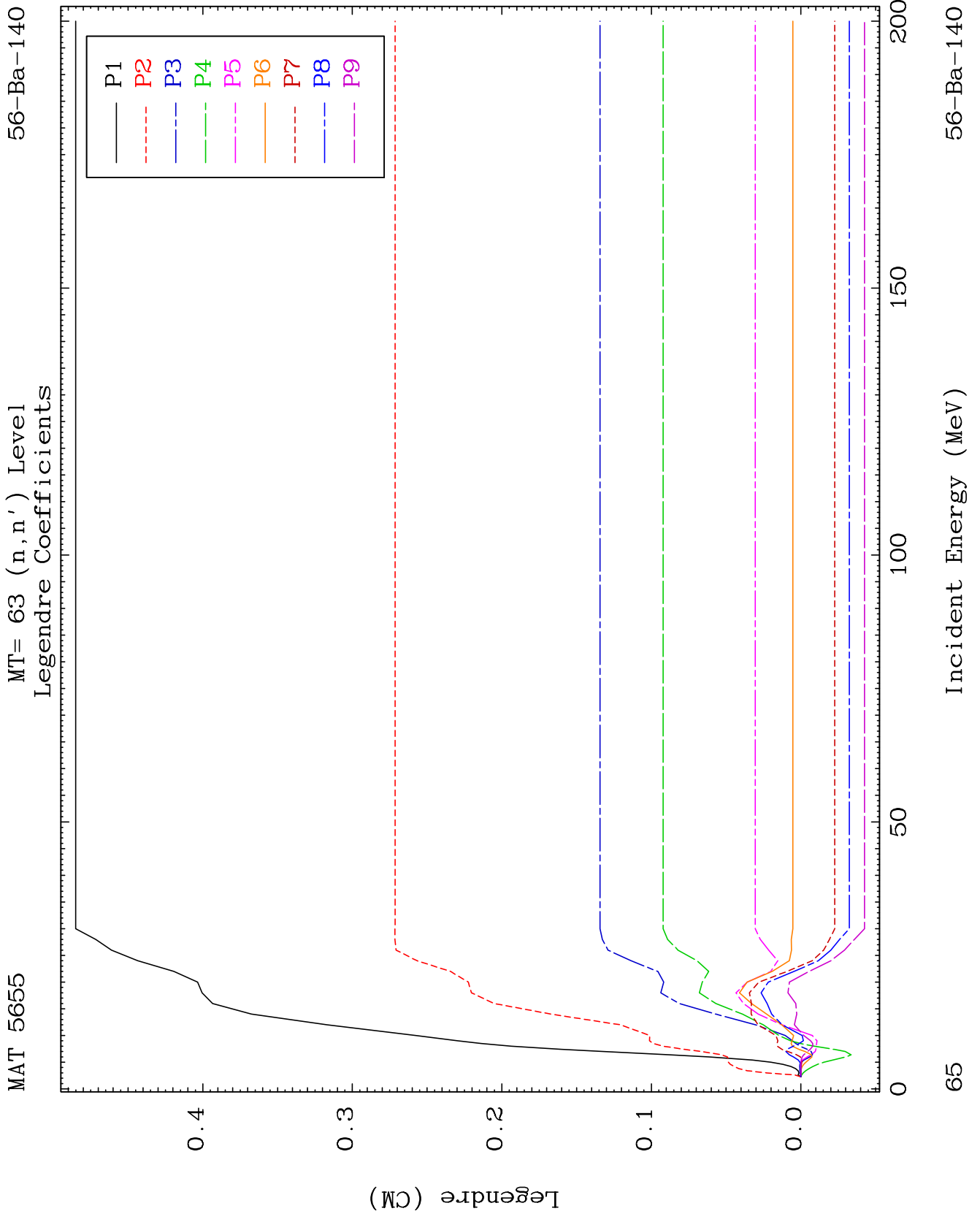
63

Incident Energy (MeV)

56-Ba-140





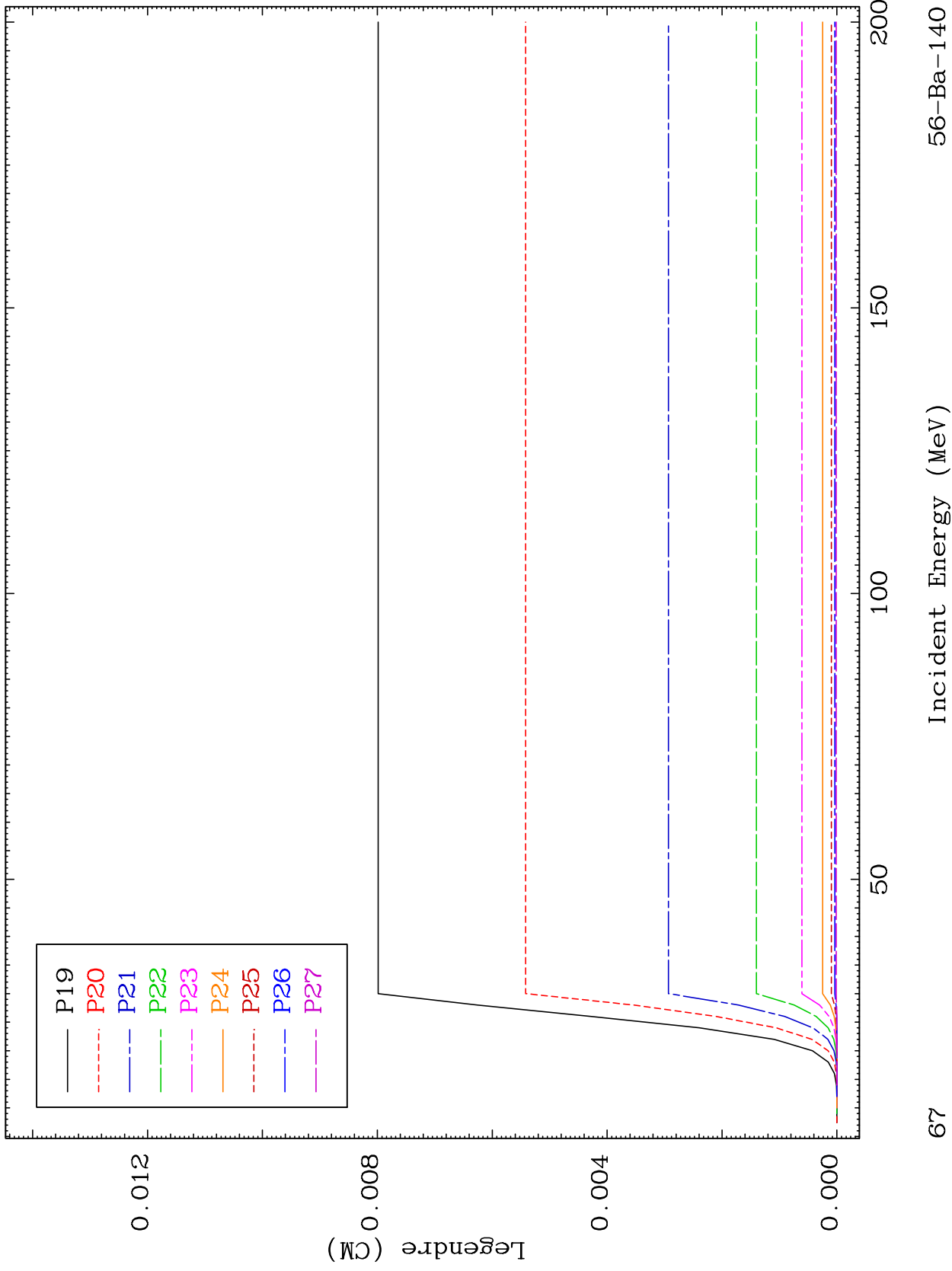




MAT 5655

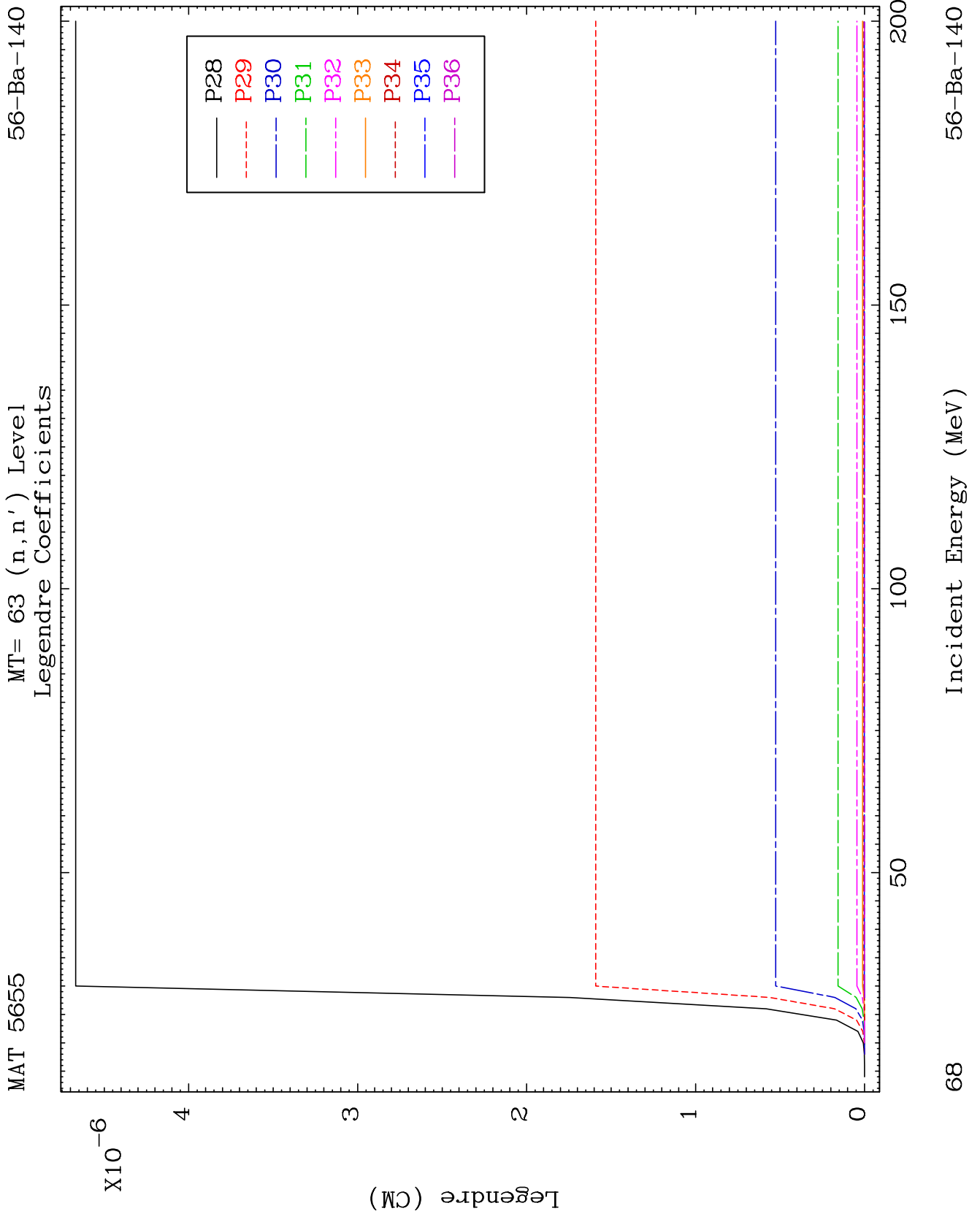
MT= 63 (n,n') Level  
Legendre Coefficients

56-Ba-140

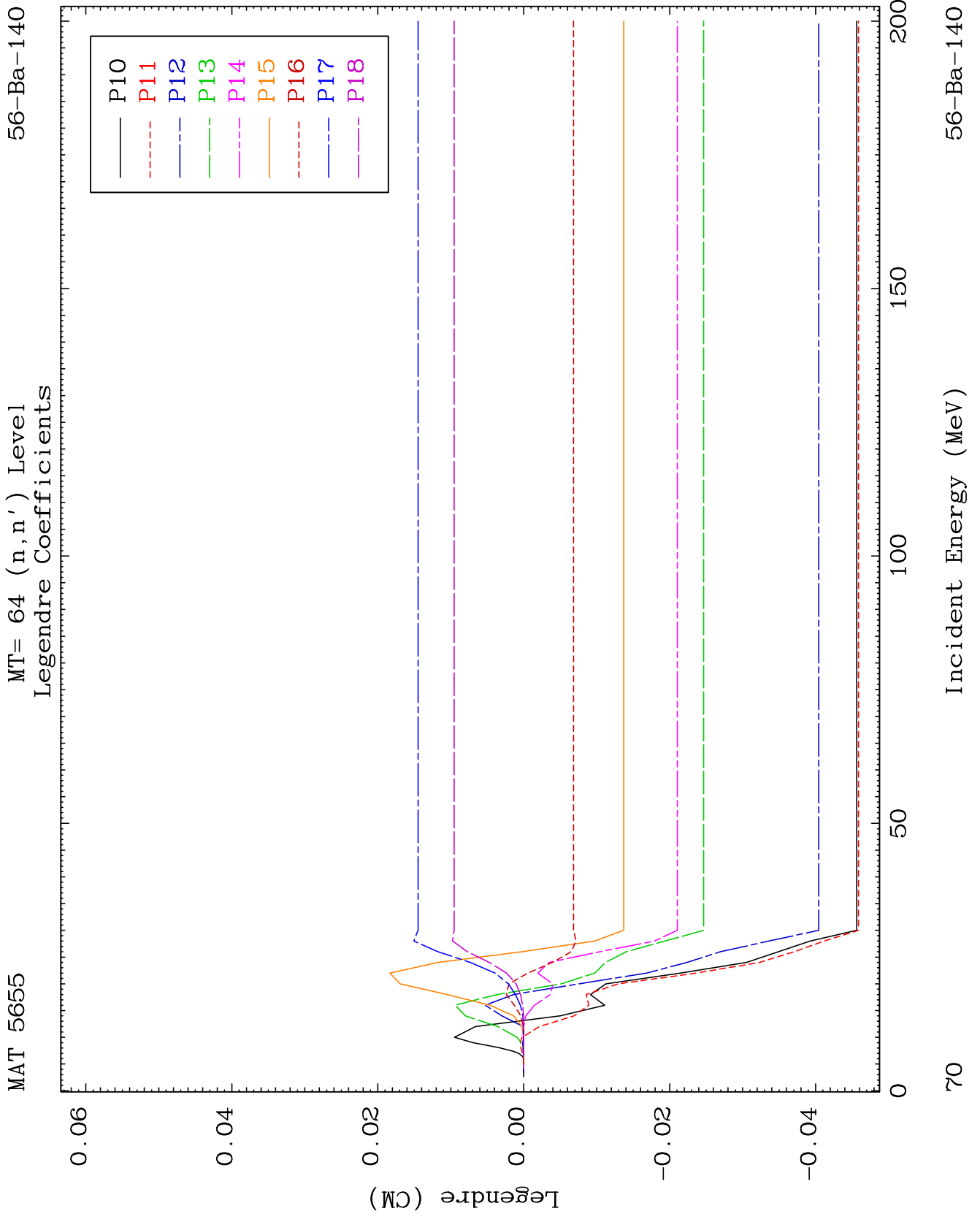


67

56-Ba-140



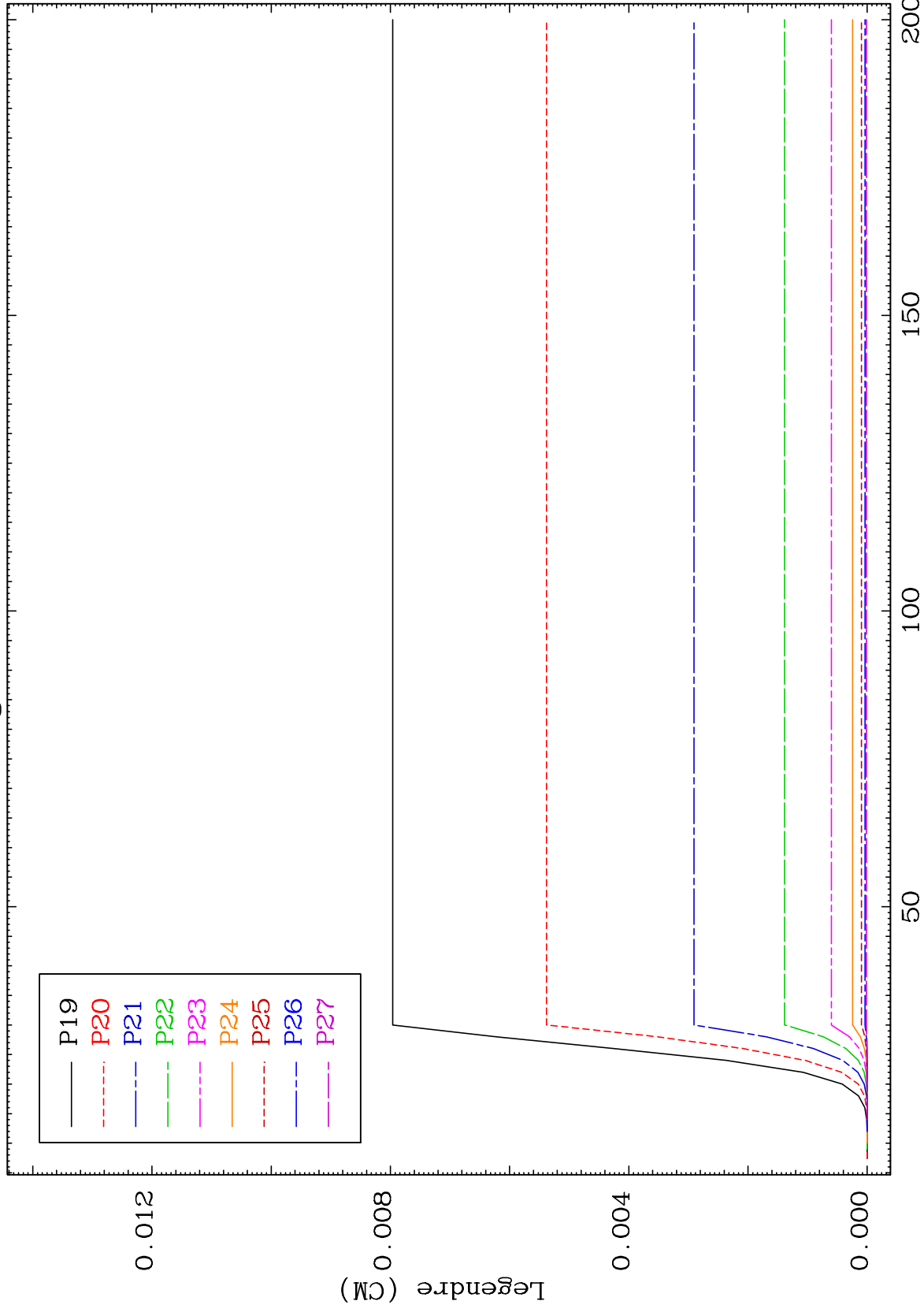




MAT 5655

MT= 64 (n,n') Level  
Legendre Coefficients

56-Ba-140

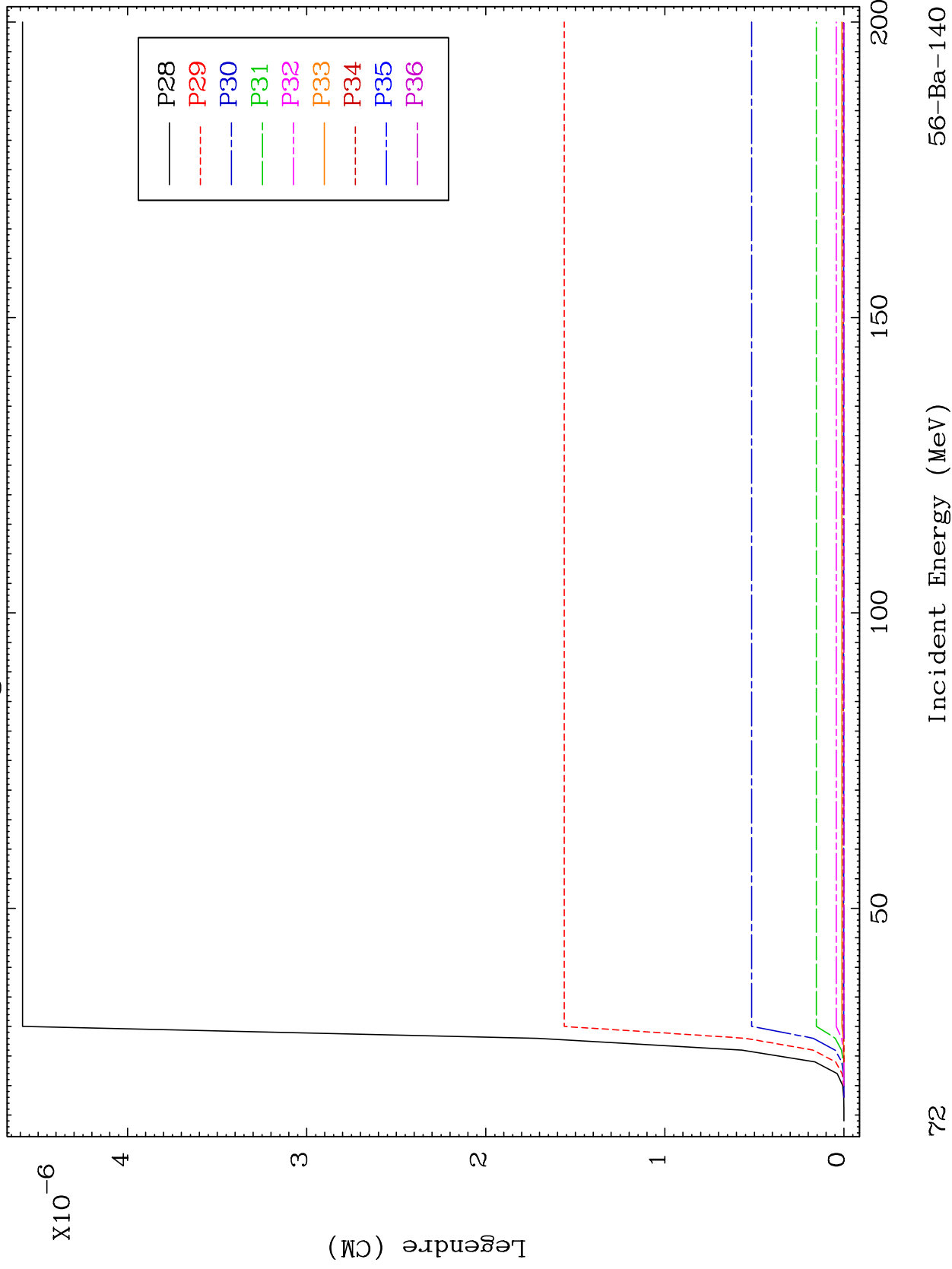


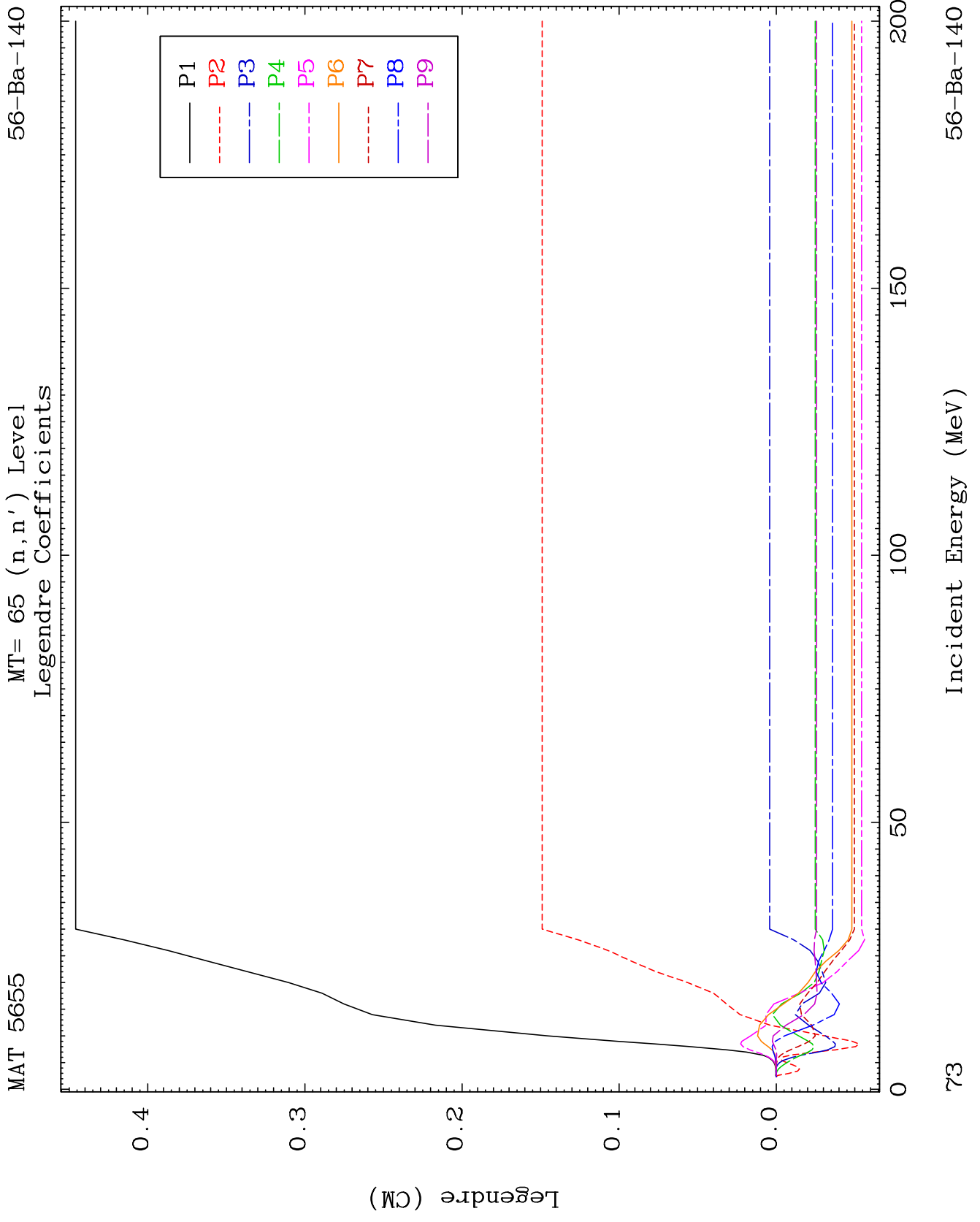


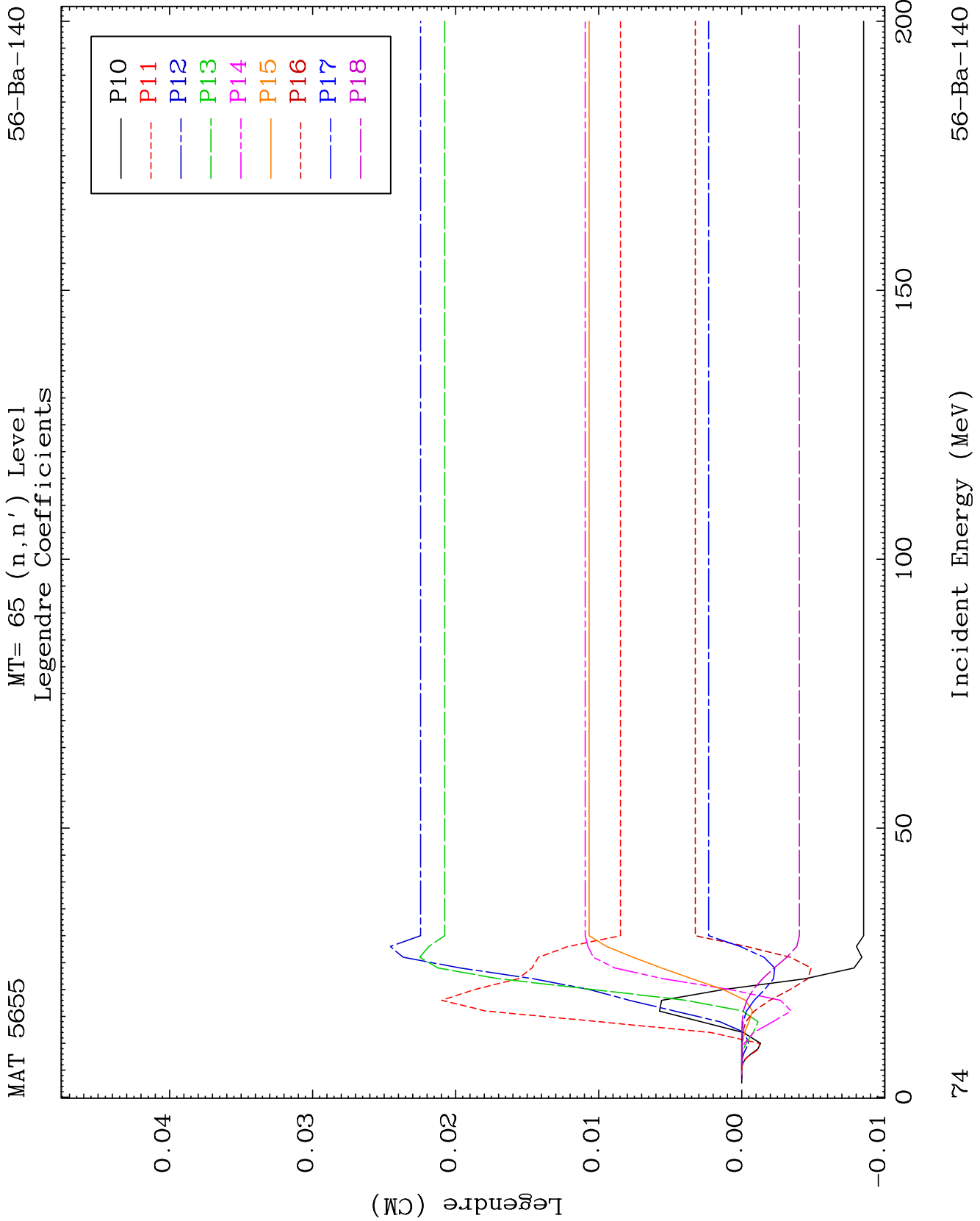
MAT 5655

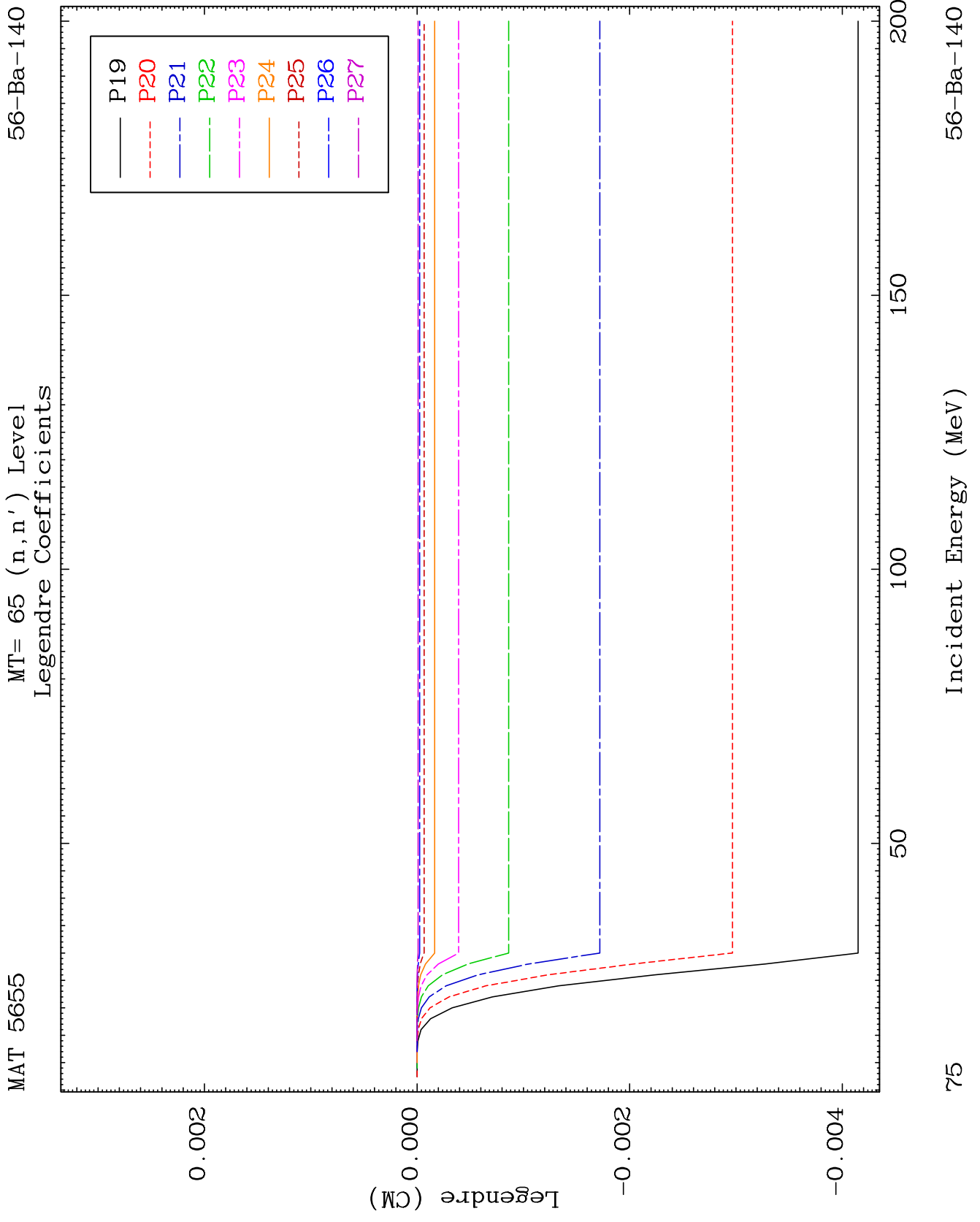
MT= 64 (n,n') Level  
Legendre Coefficients

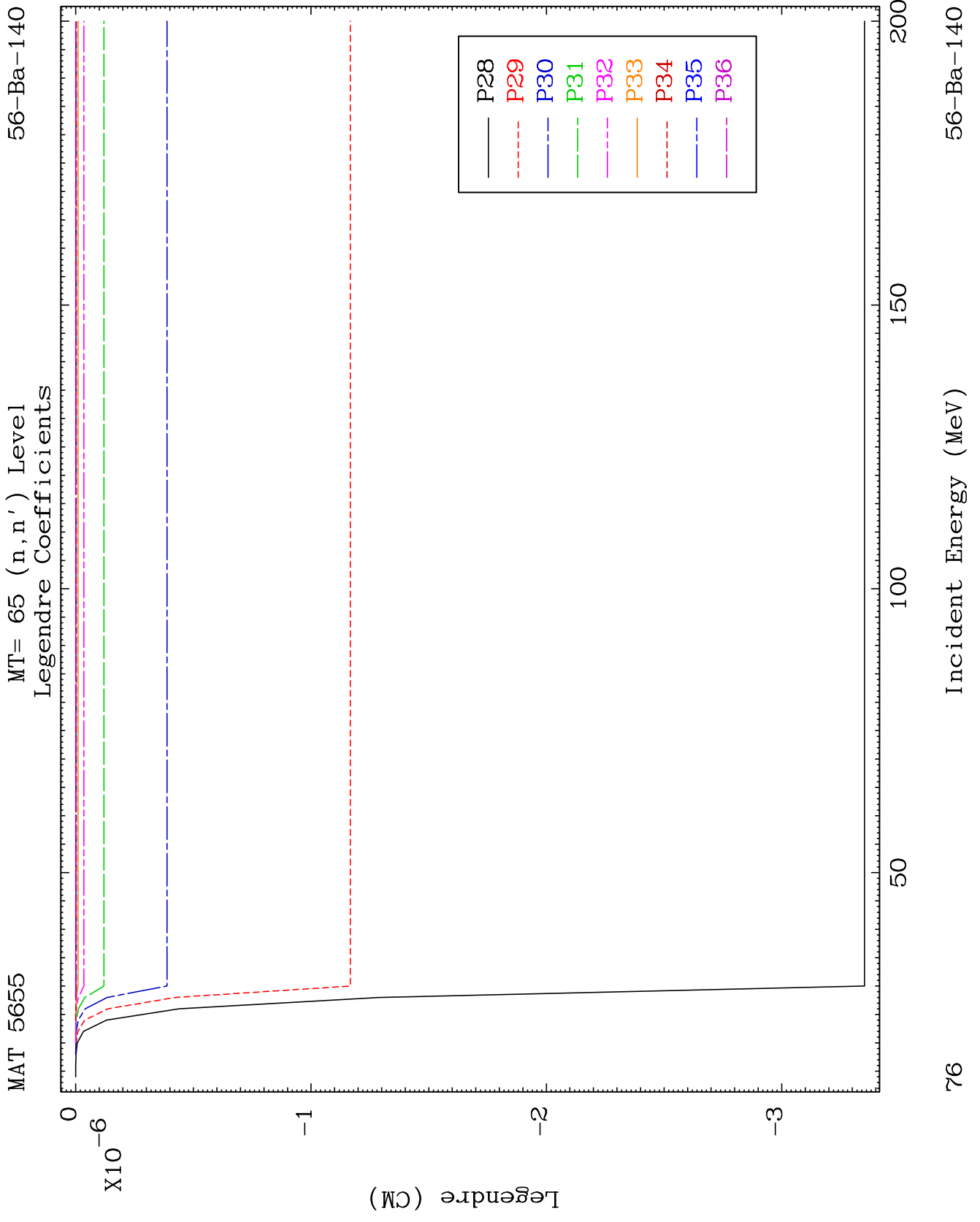
56-Ba-140



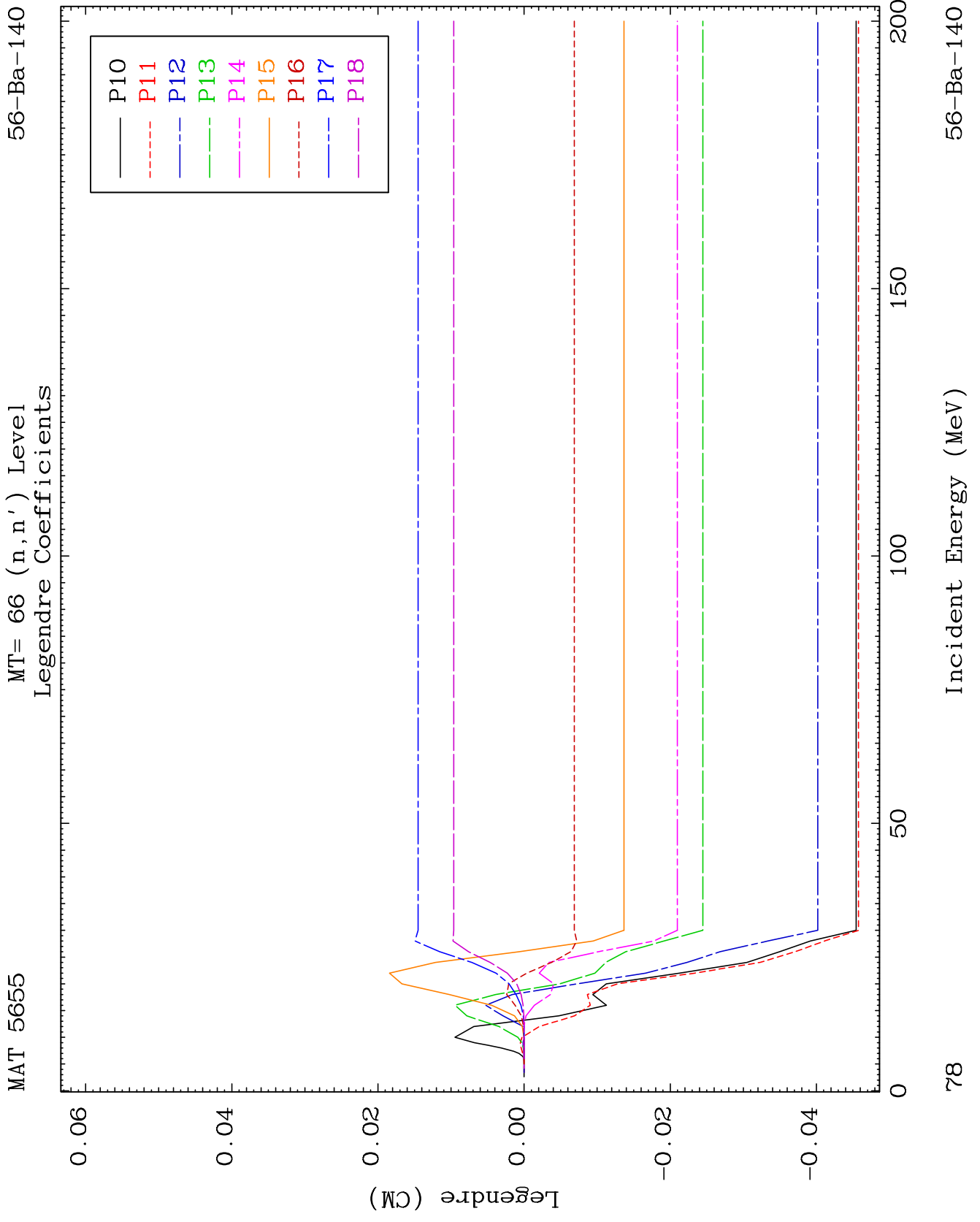








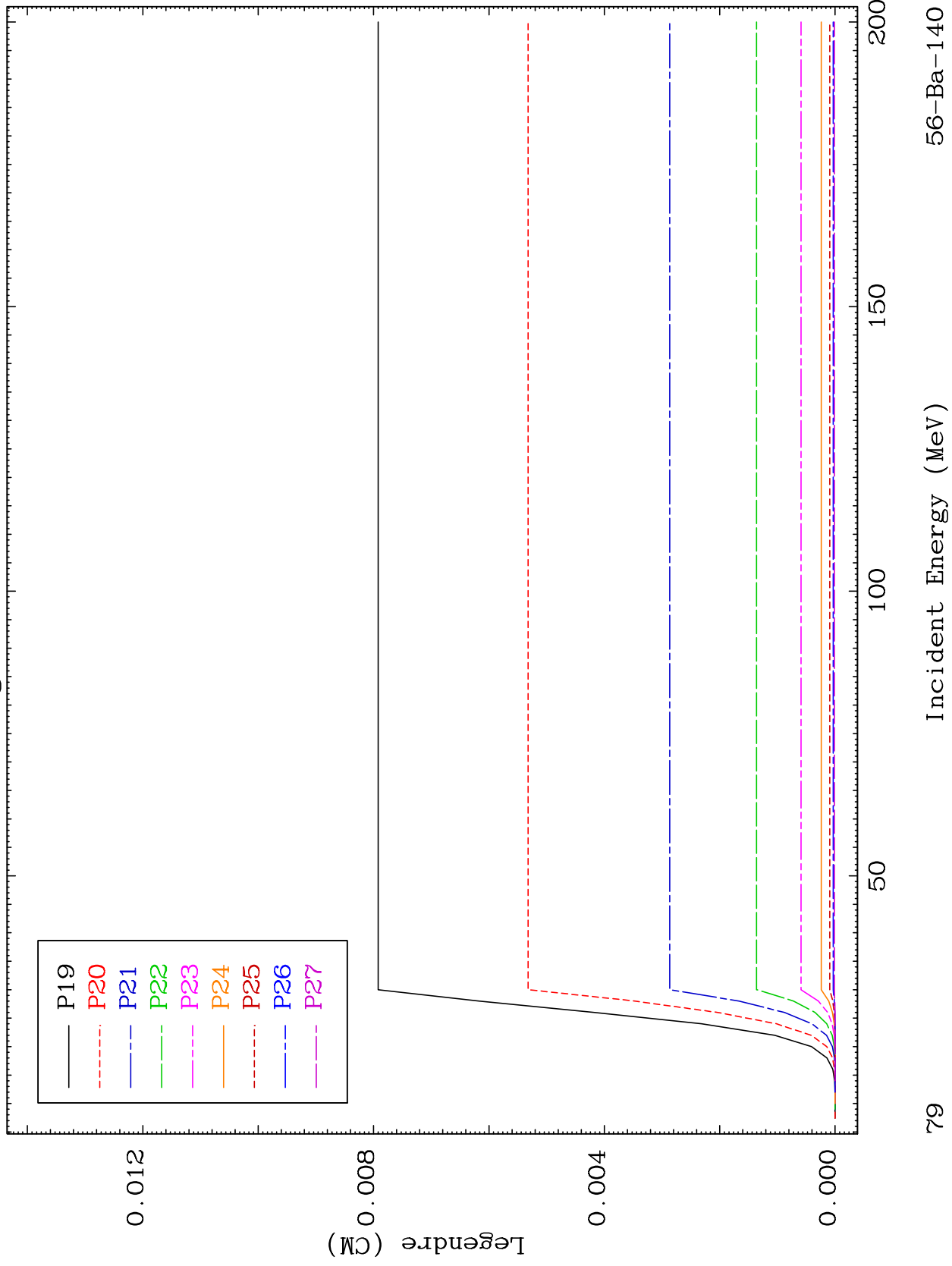




MAT 5655

MT= 66 (n,n') Level  
Legendre Coefficients

56-Ba-140



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56-Ba-140

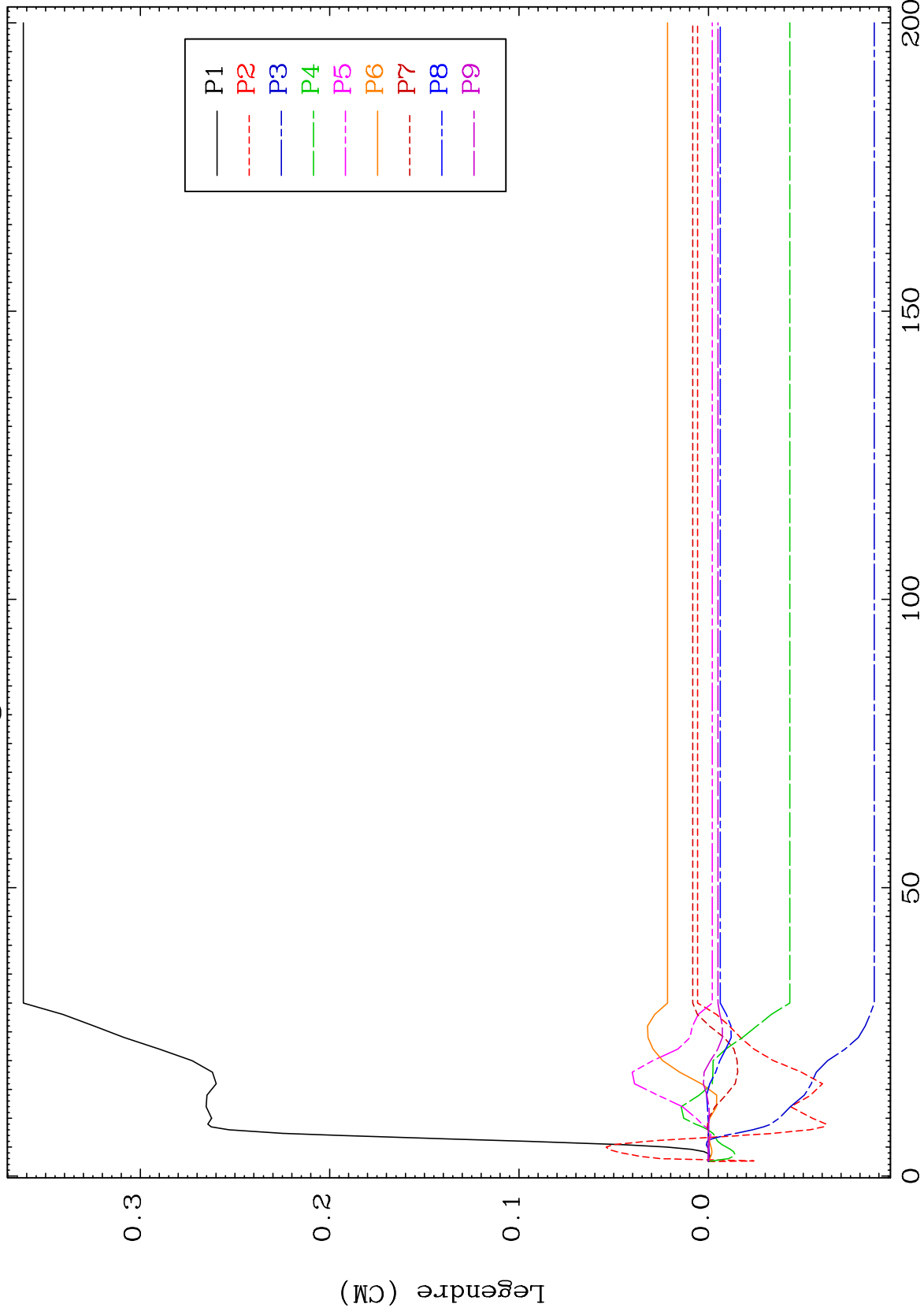




MAT 5655

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

56-Ba-140



81

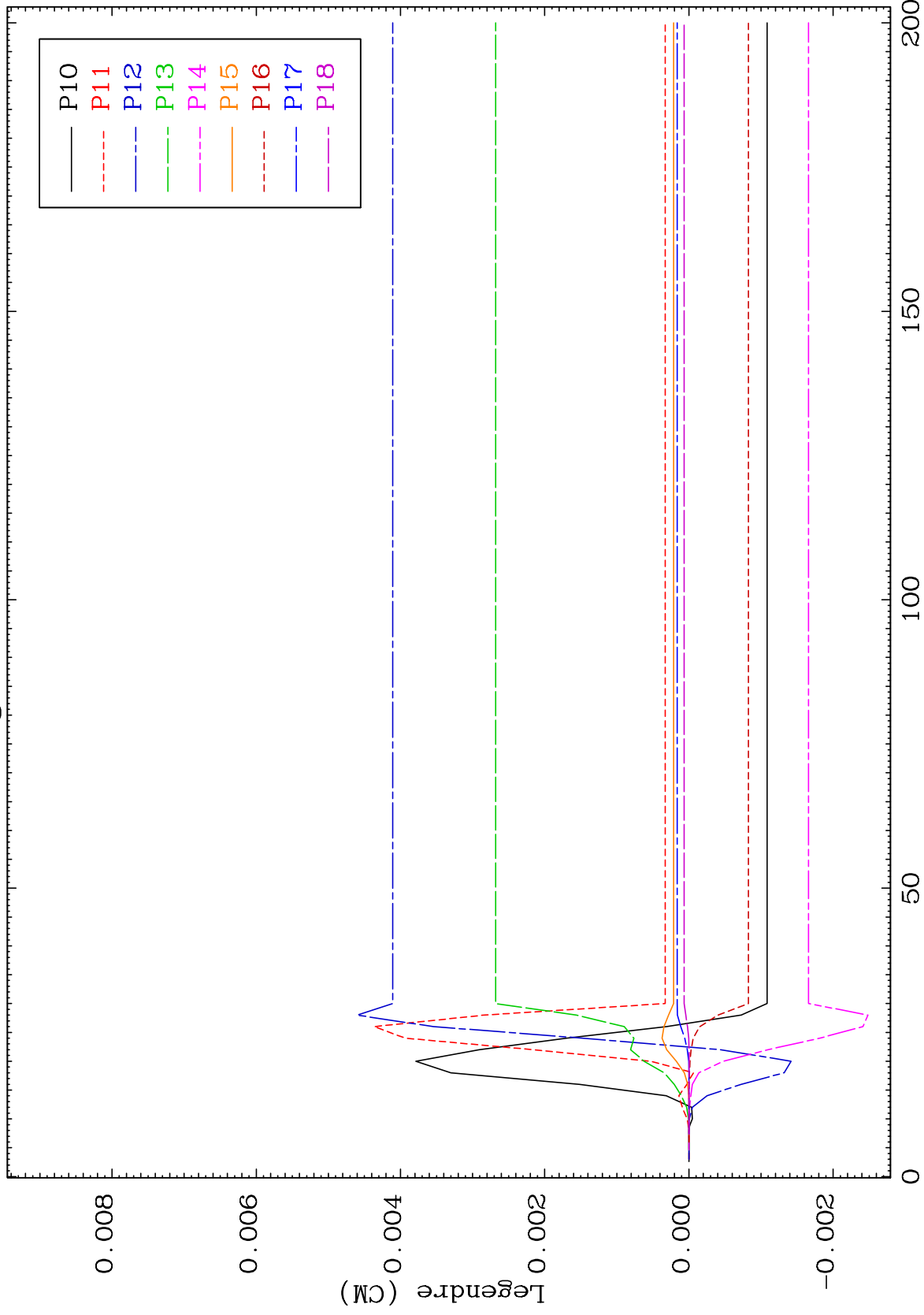
Incident Energy (MeV)

56-Ba-140

MAT 5655

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

56-Ba-140



82

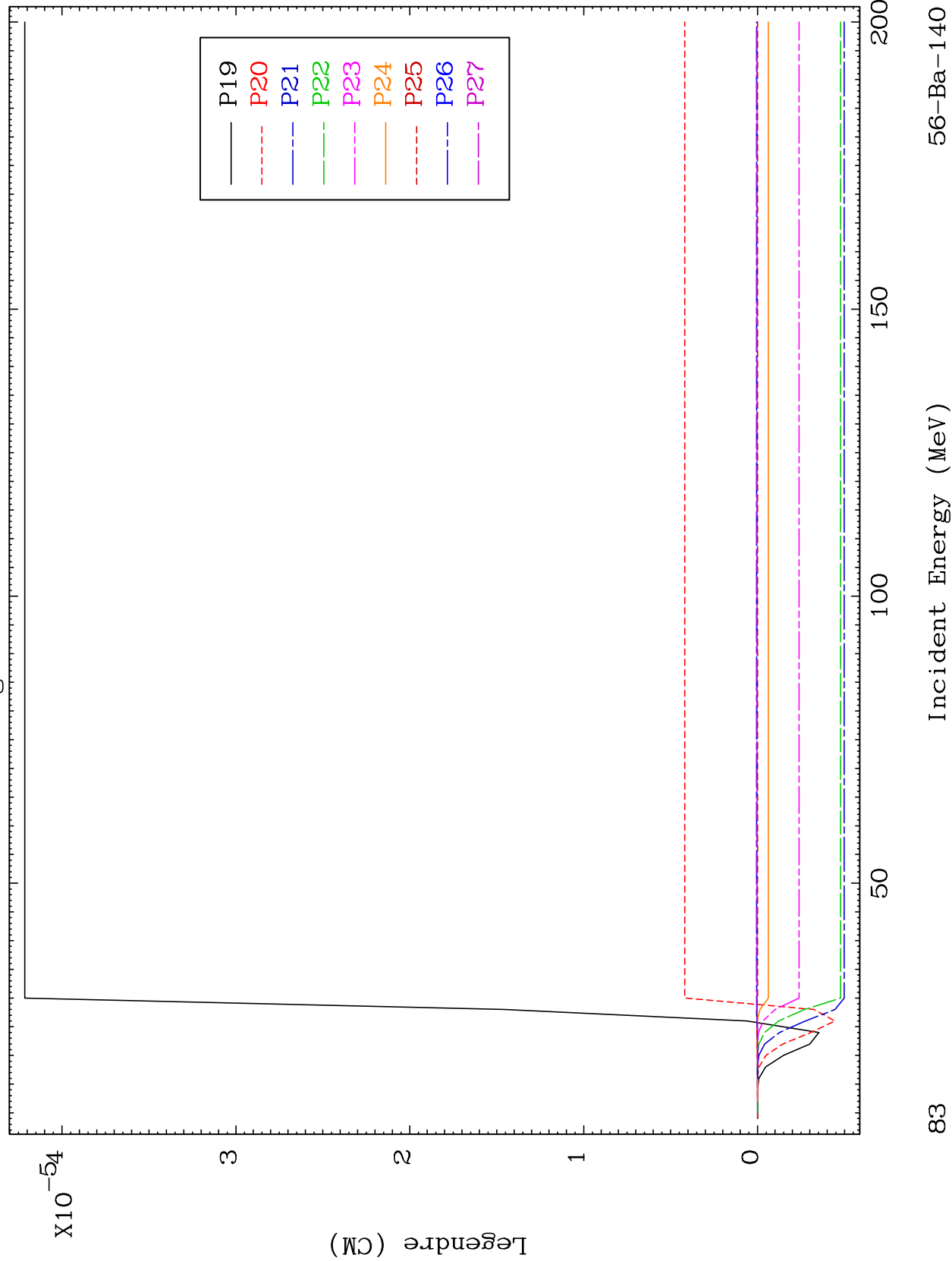
Incident Energy (MeV)

56-Ba-140

MAT 5655

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

56-Ba-140



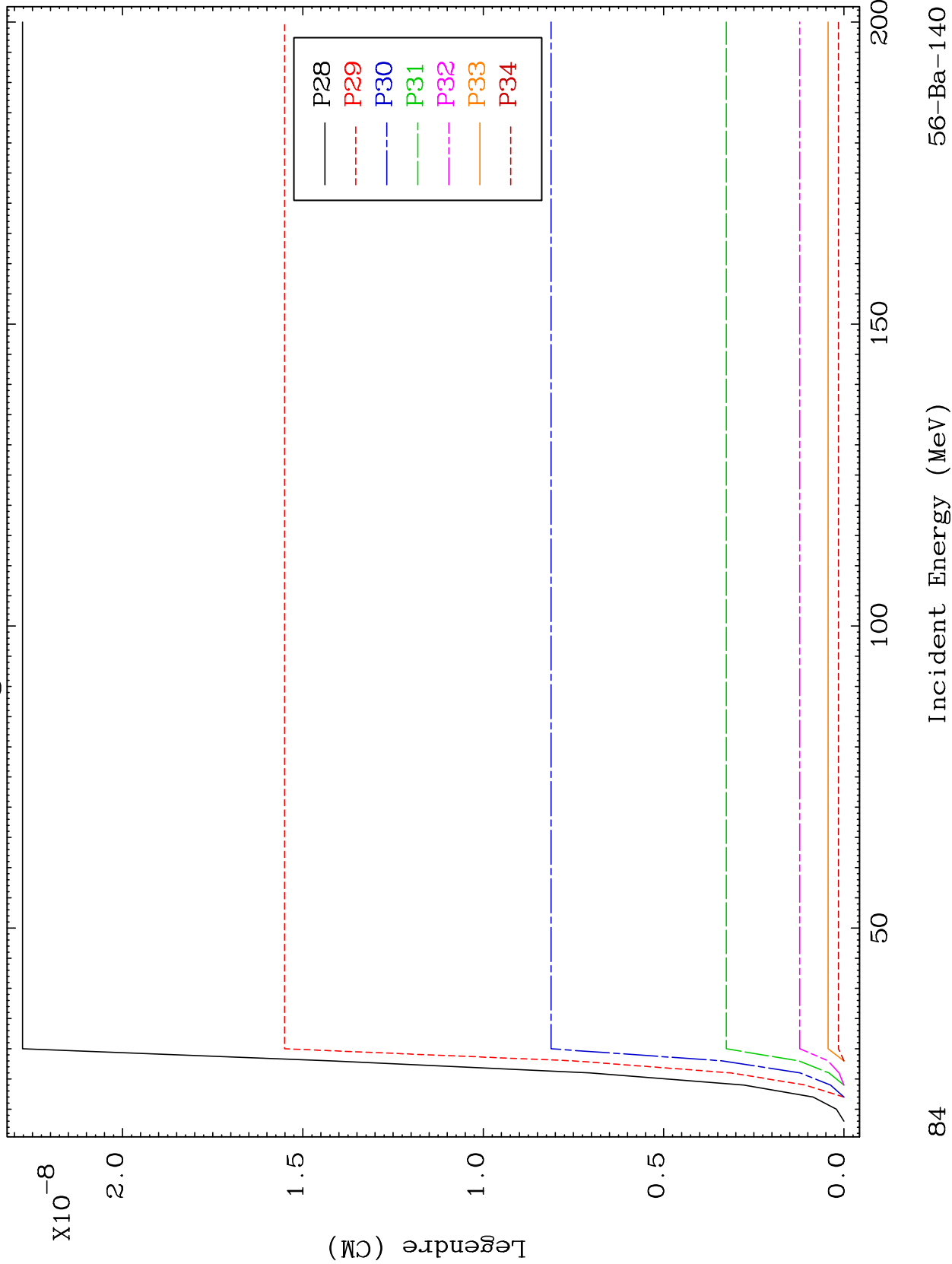
83

56-Ba-140

MAT 5655

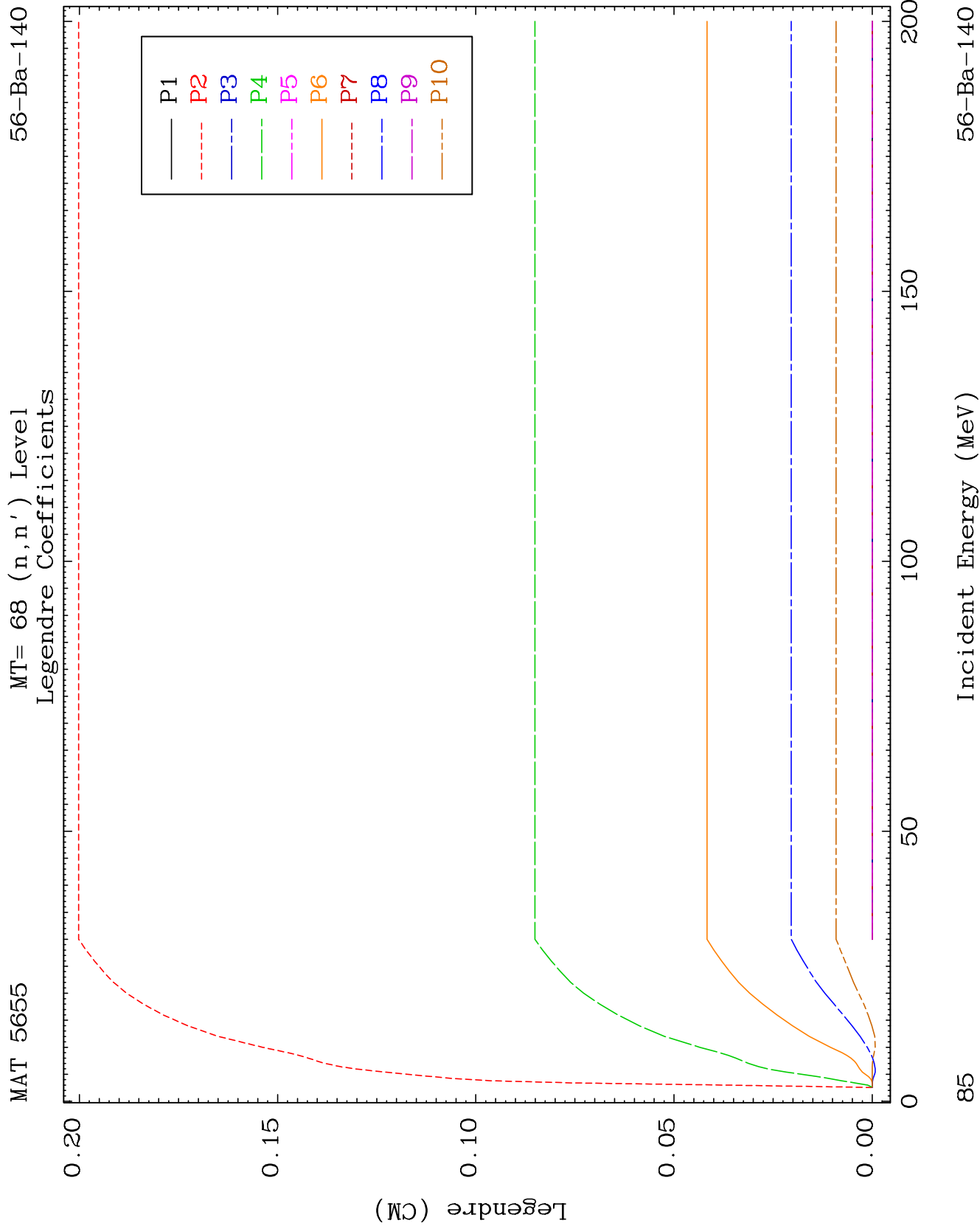
MT= 67 (n,n') Level  
Legendre Coefficients

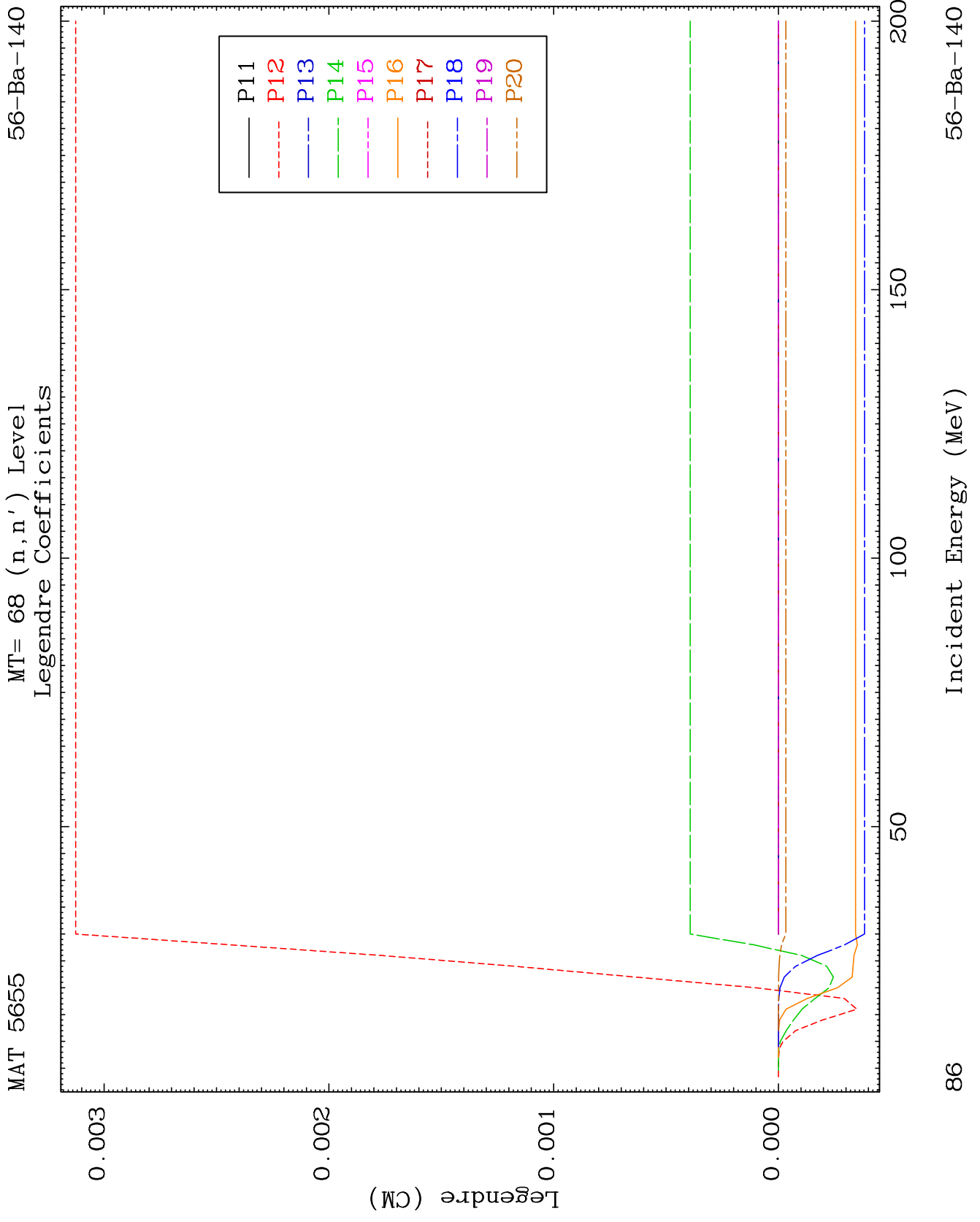
56-Ba-140

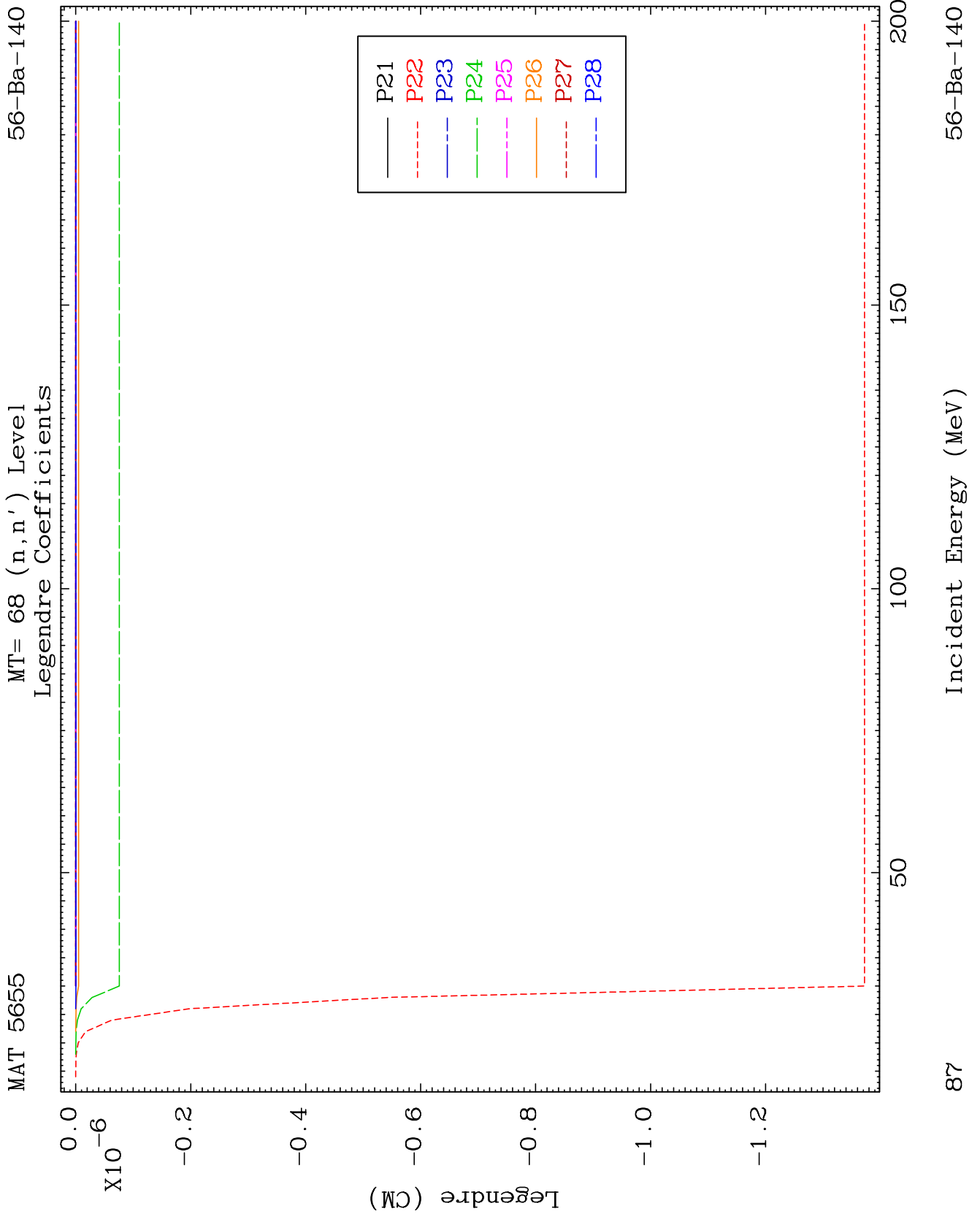


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56-Ba-140

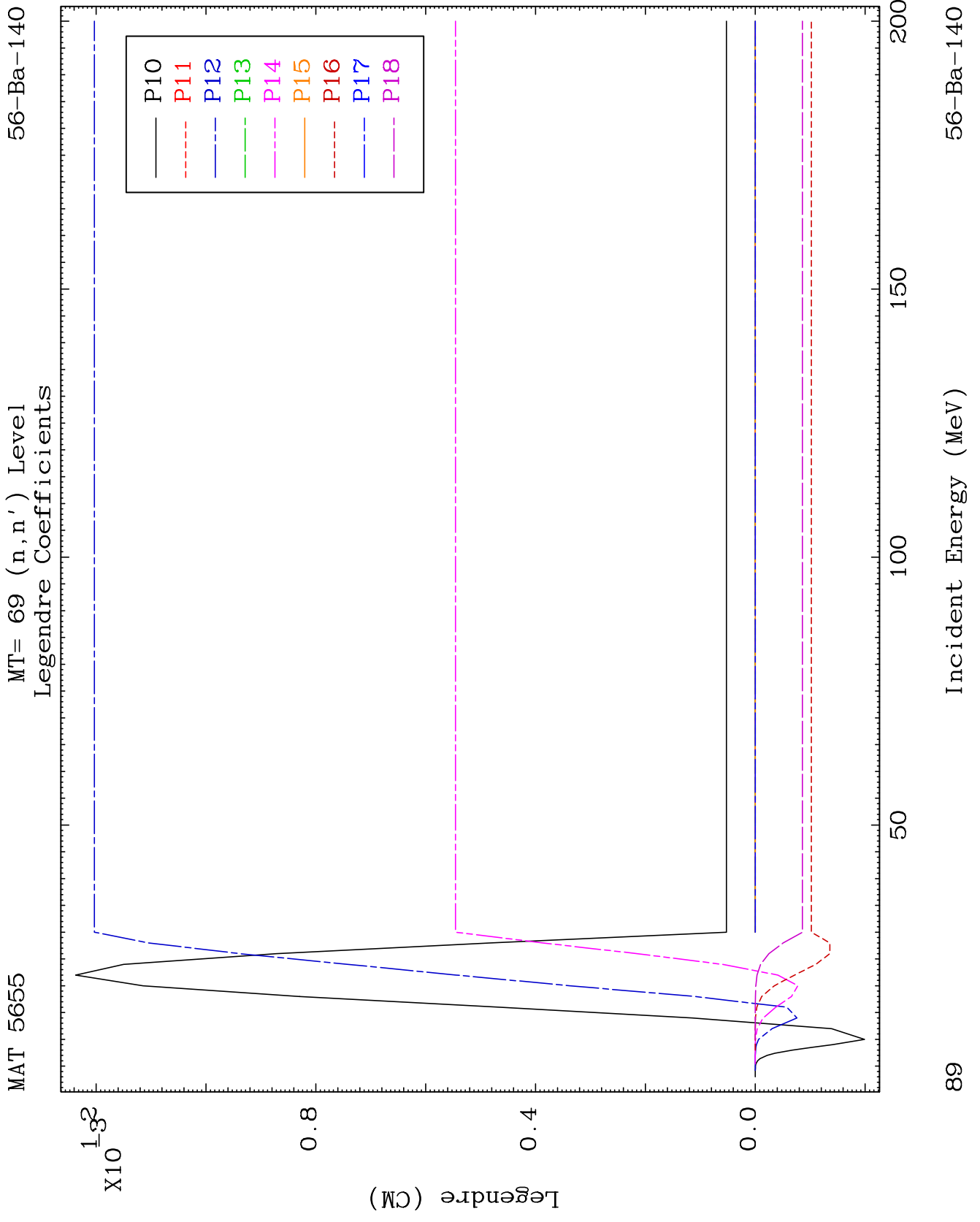


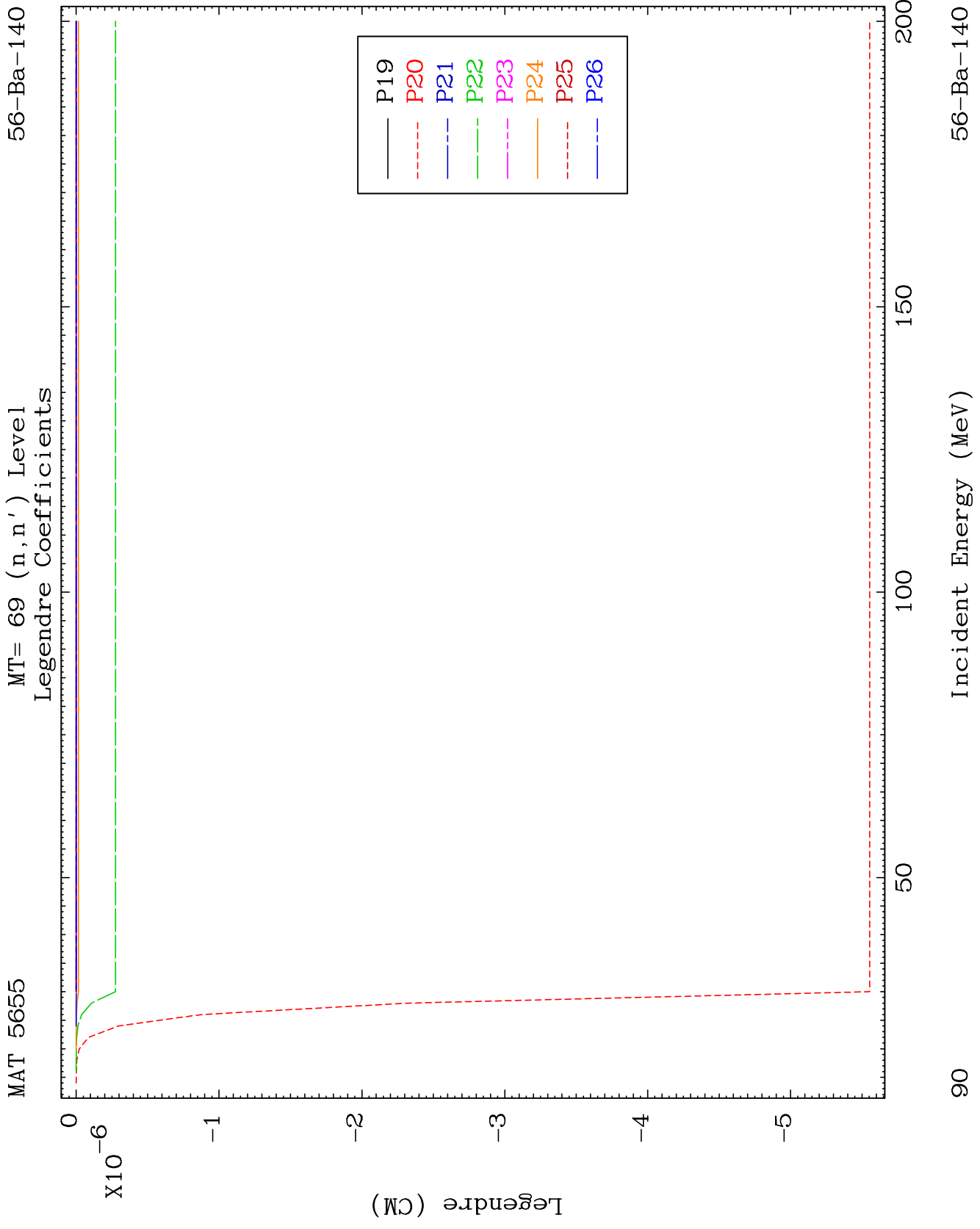


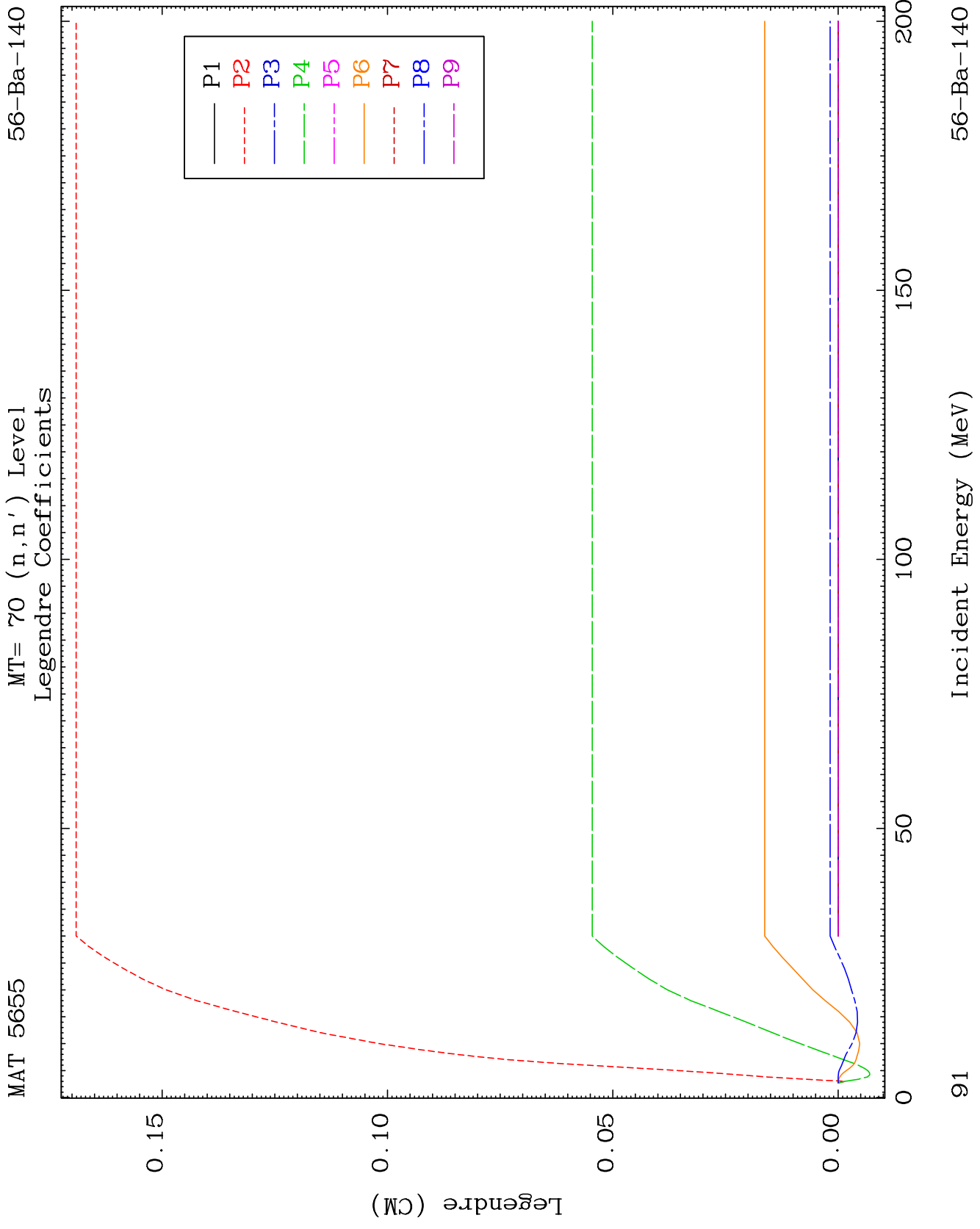








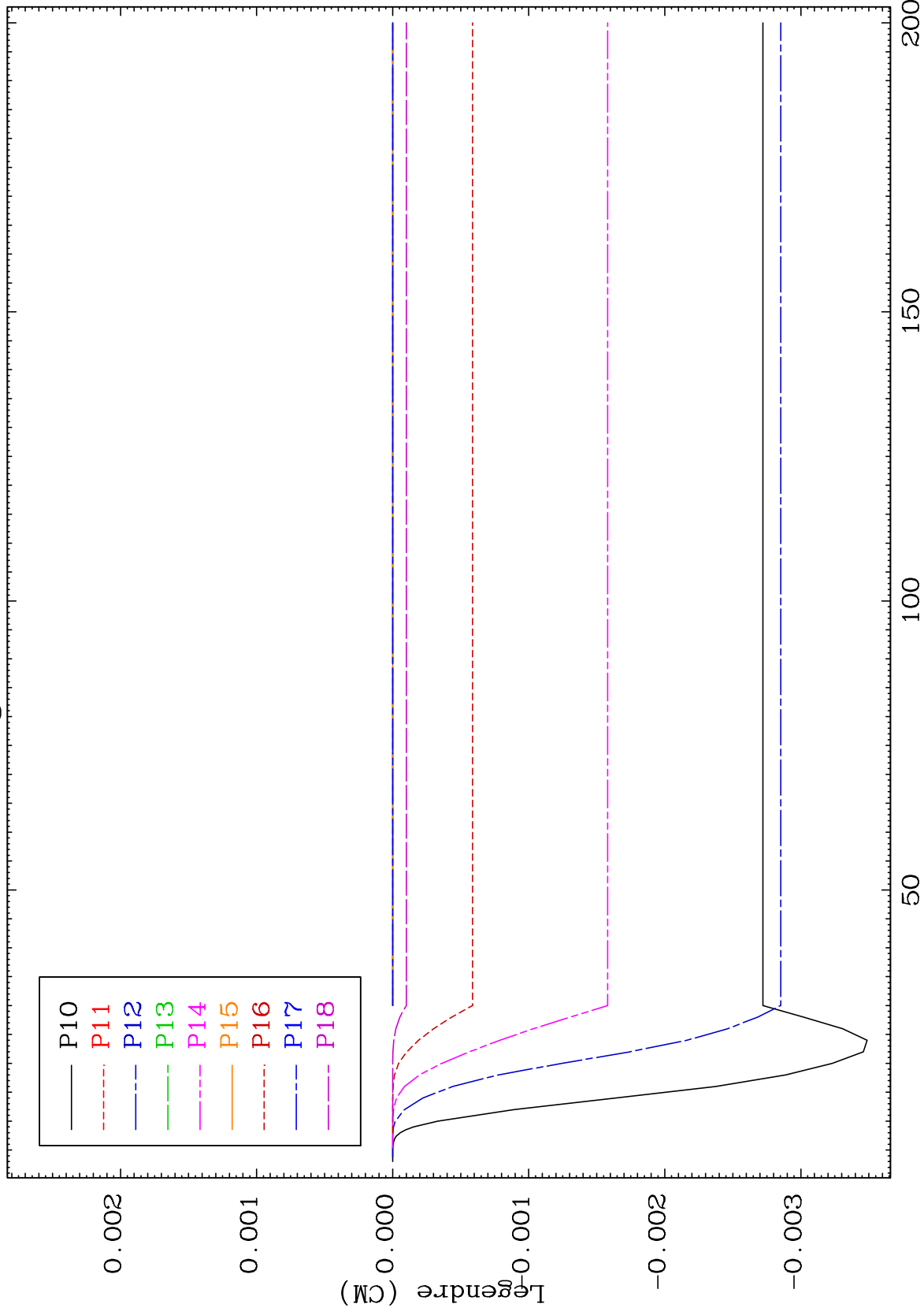




MAT 5655

MT= 70 (n,n') Level  
Legendre Coefficients

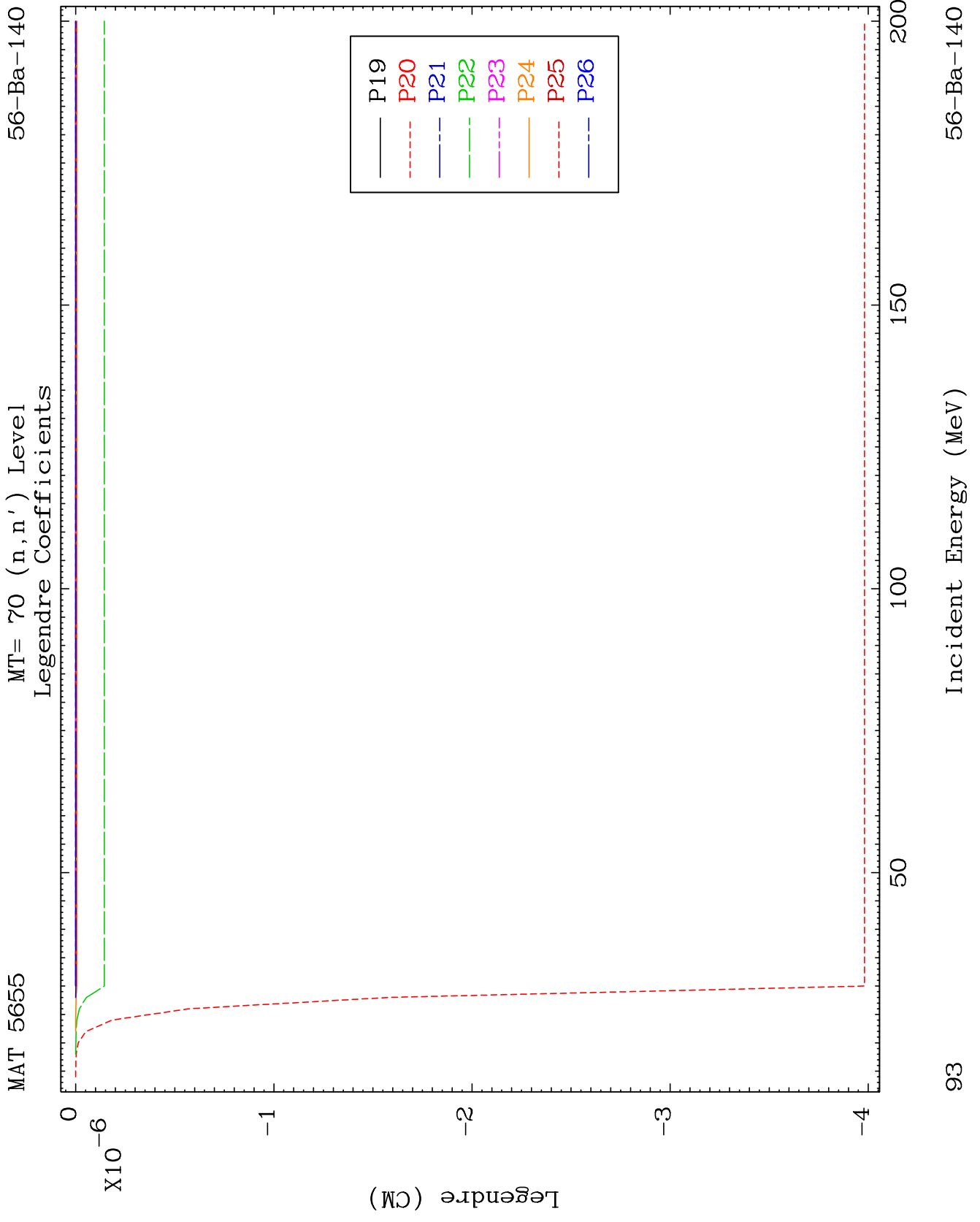
56-Ba-140

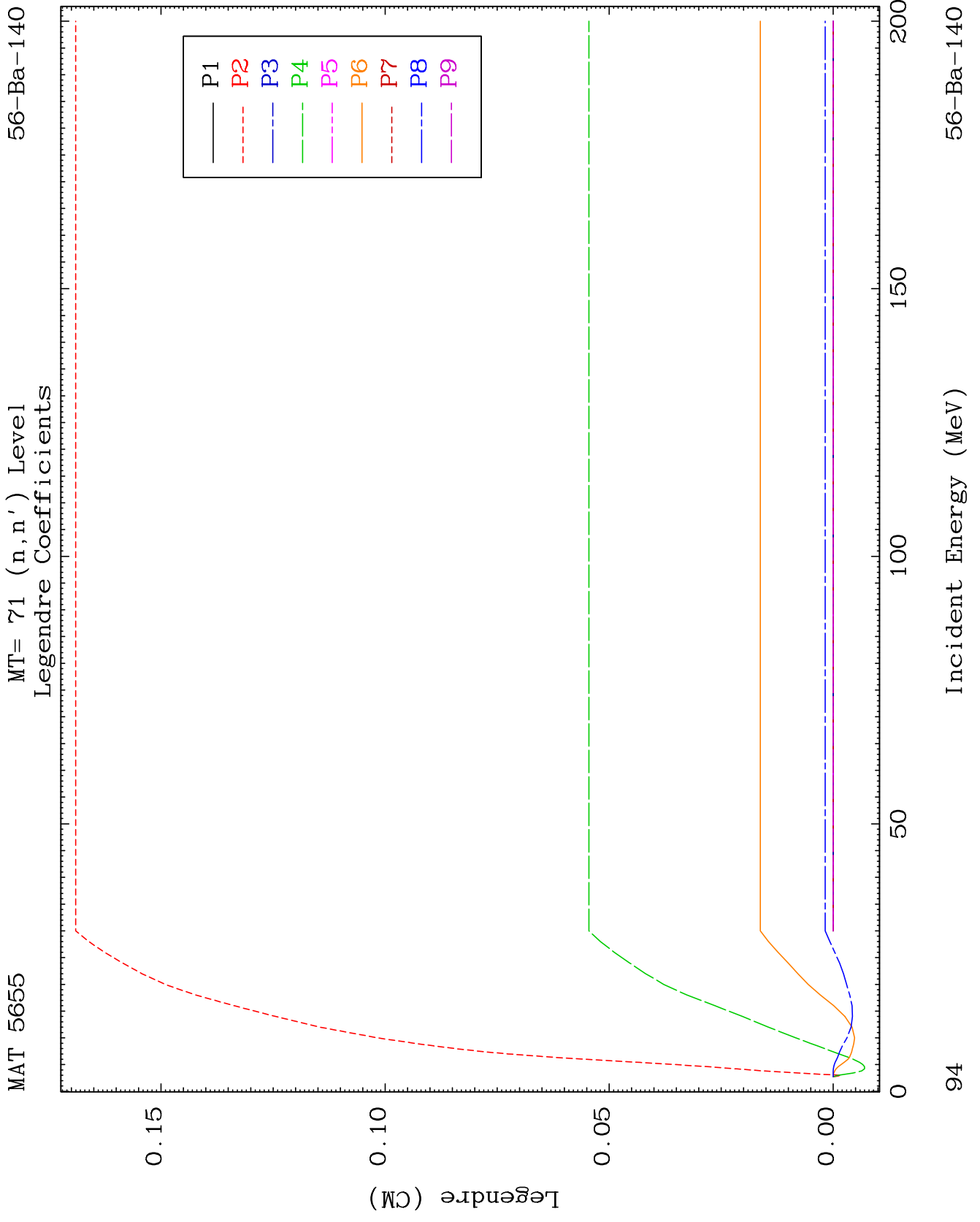


92

Incident Energy (MeV)

56-Ba-140

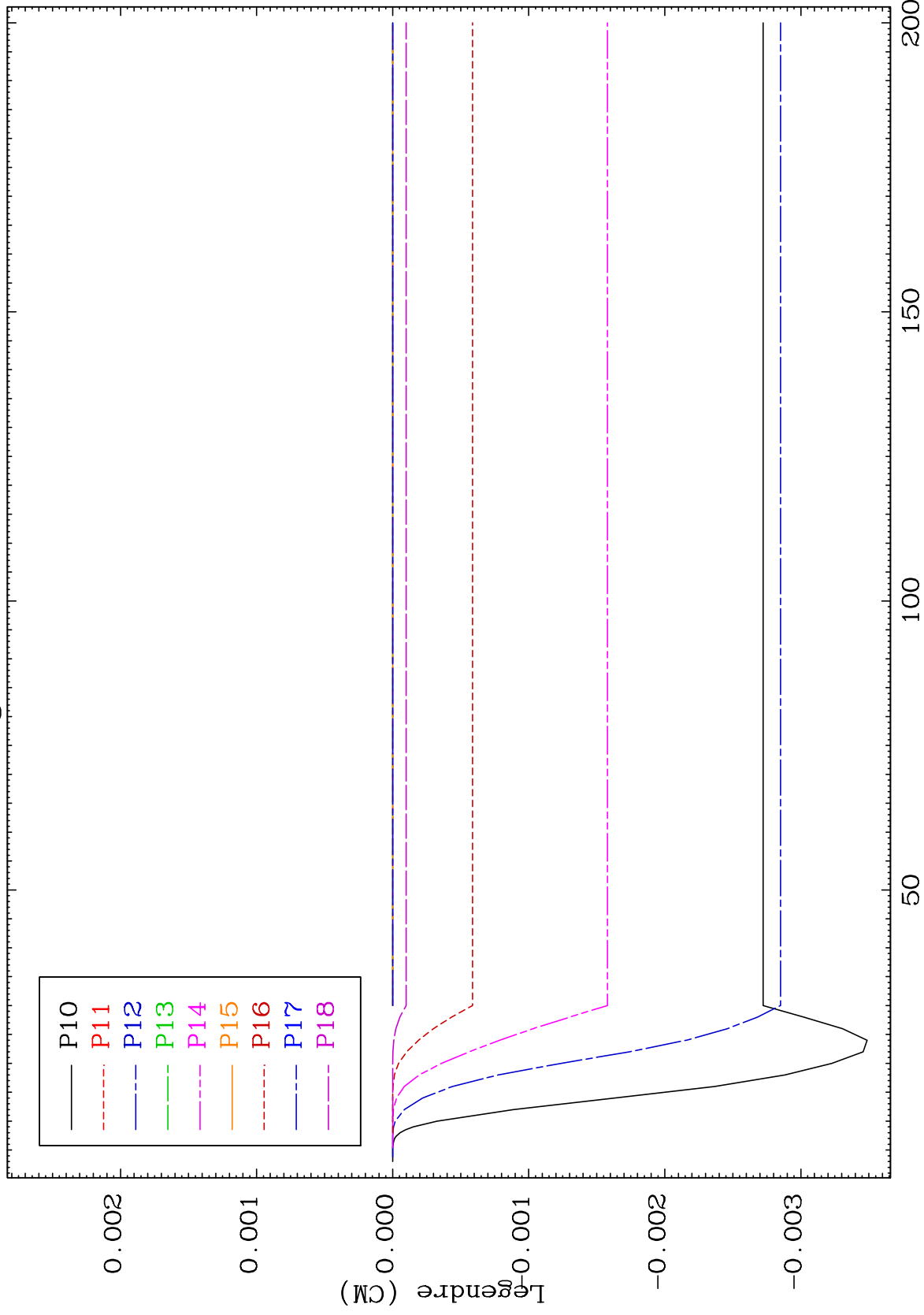




MAT 5655

MT= 71 (n,n') Level  
Legendre Coefficients

56-Ba-140

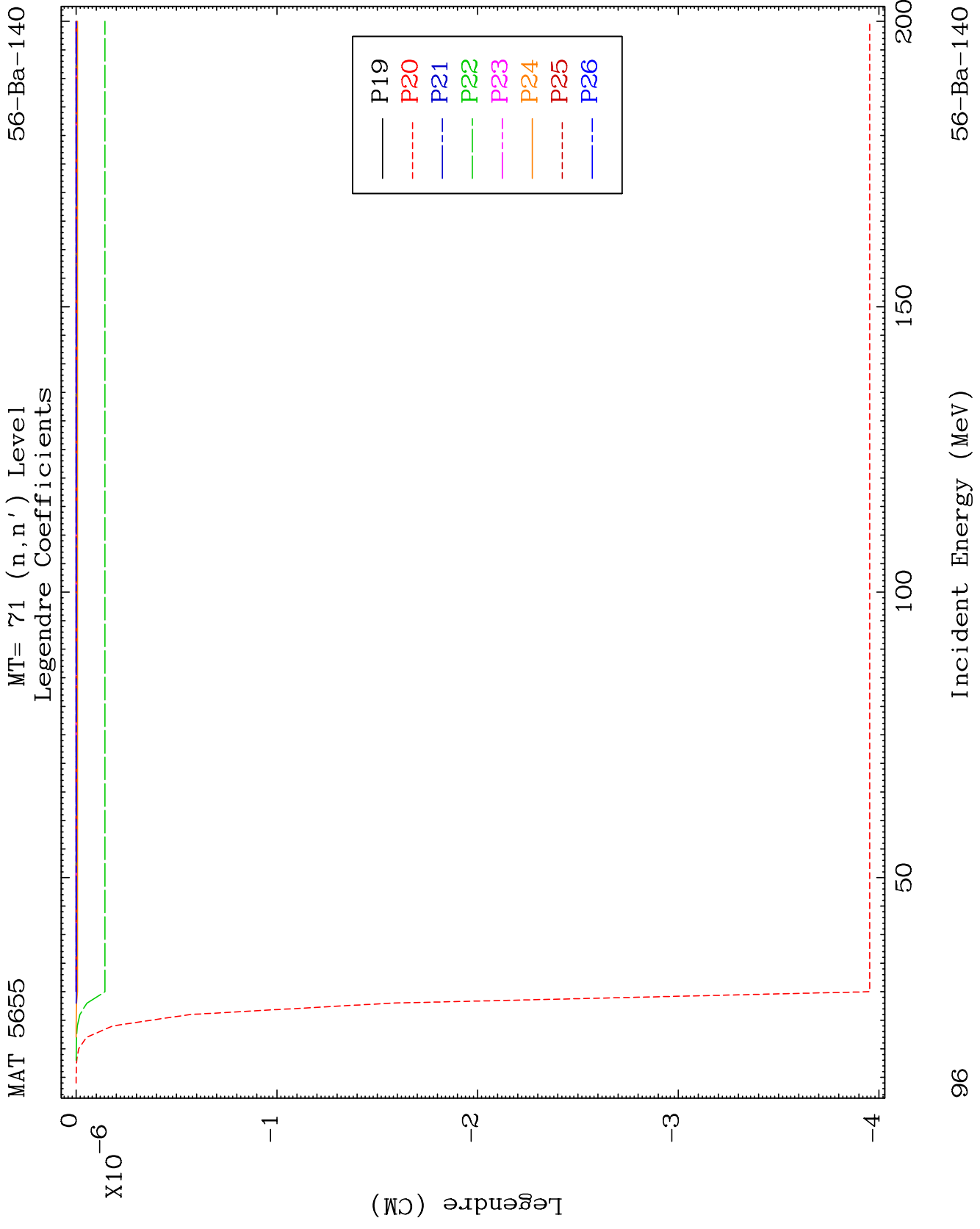


95

Incident Energy (MeV)

56-Ba-140

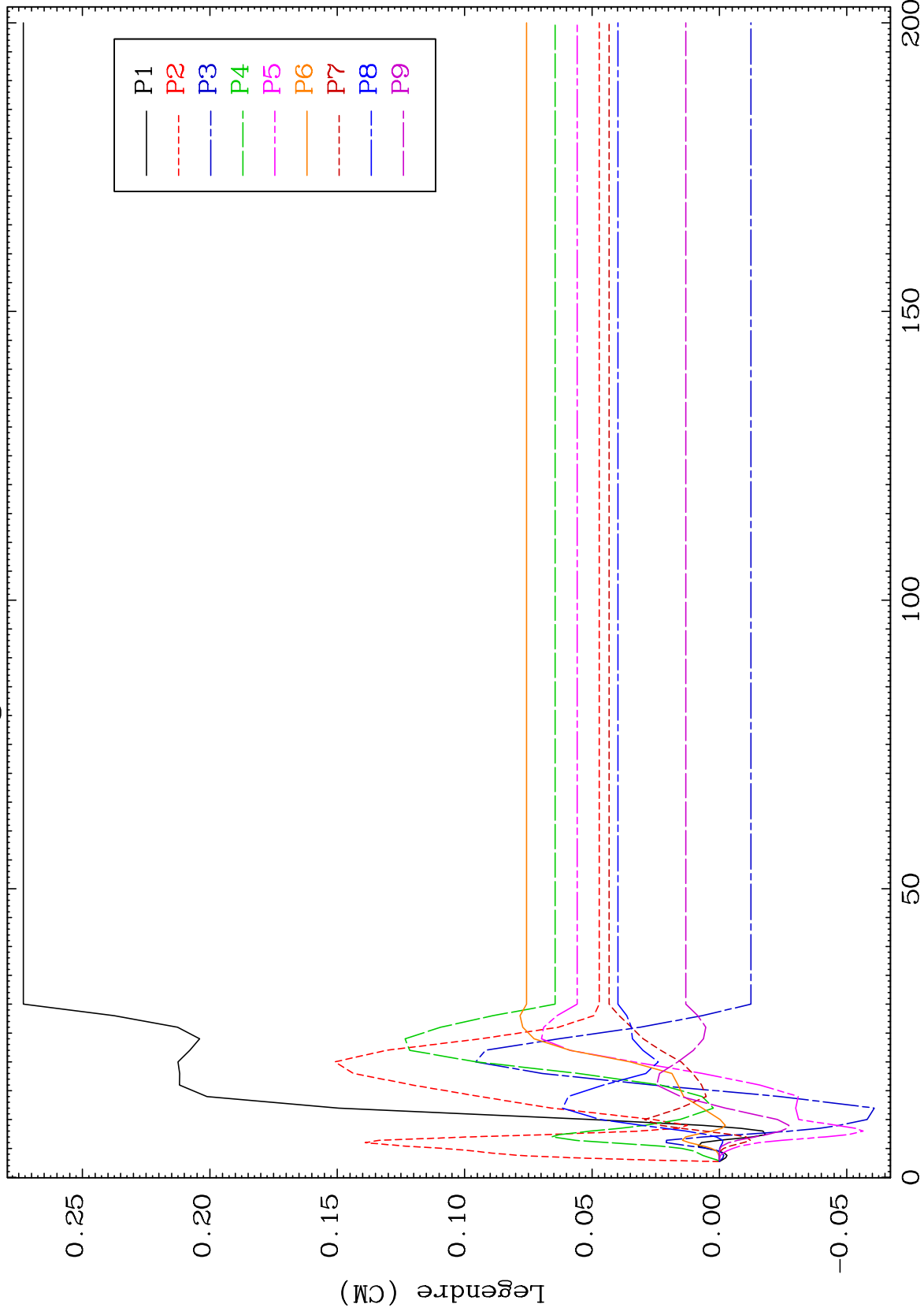




MAT 5655

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

56-Ba-140



97

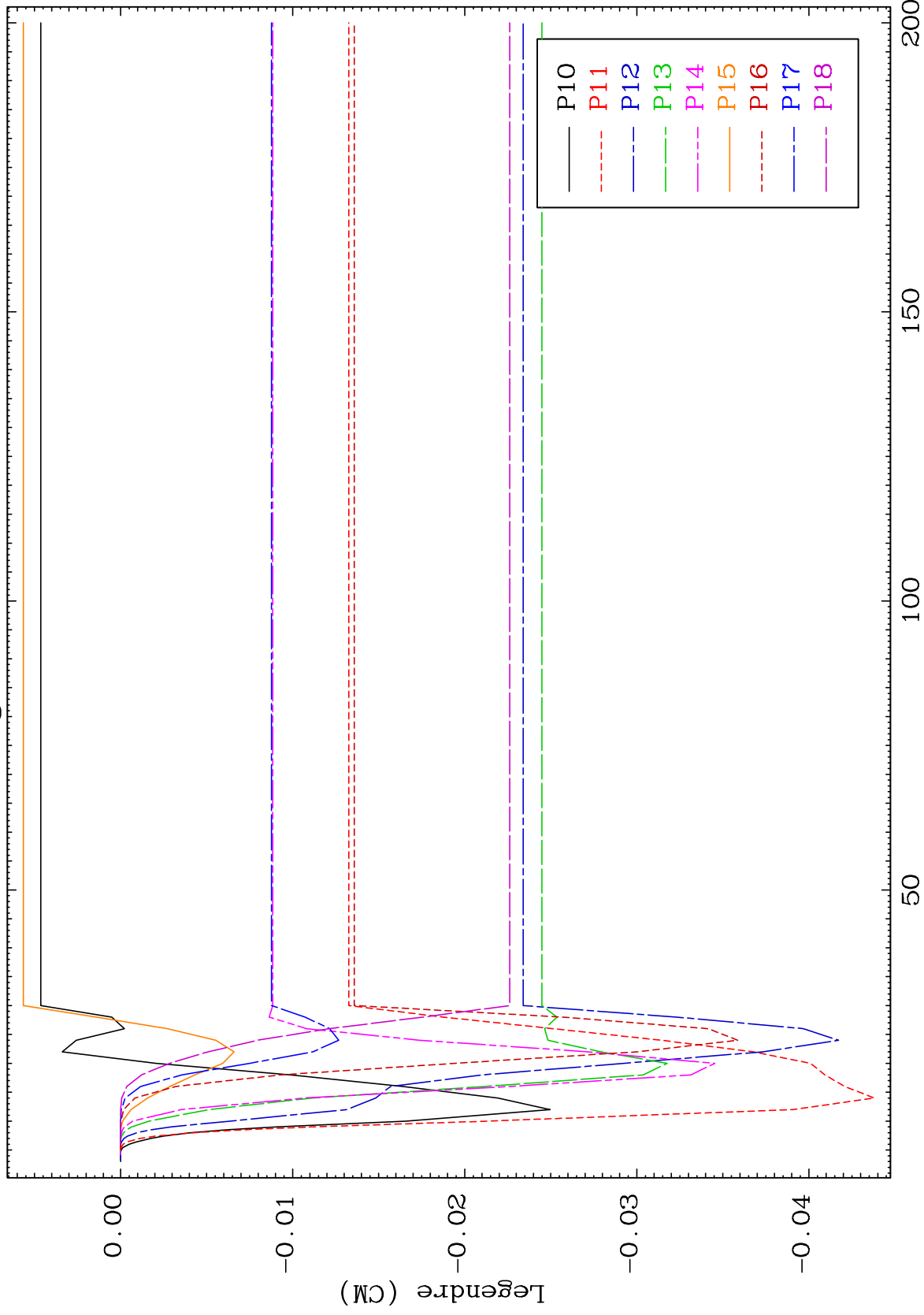
Incident Energy (MeV)

56-Ba-140

MAT 5655

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

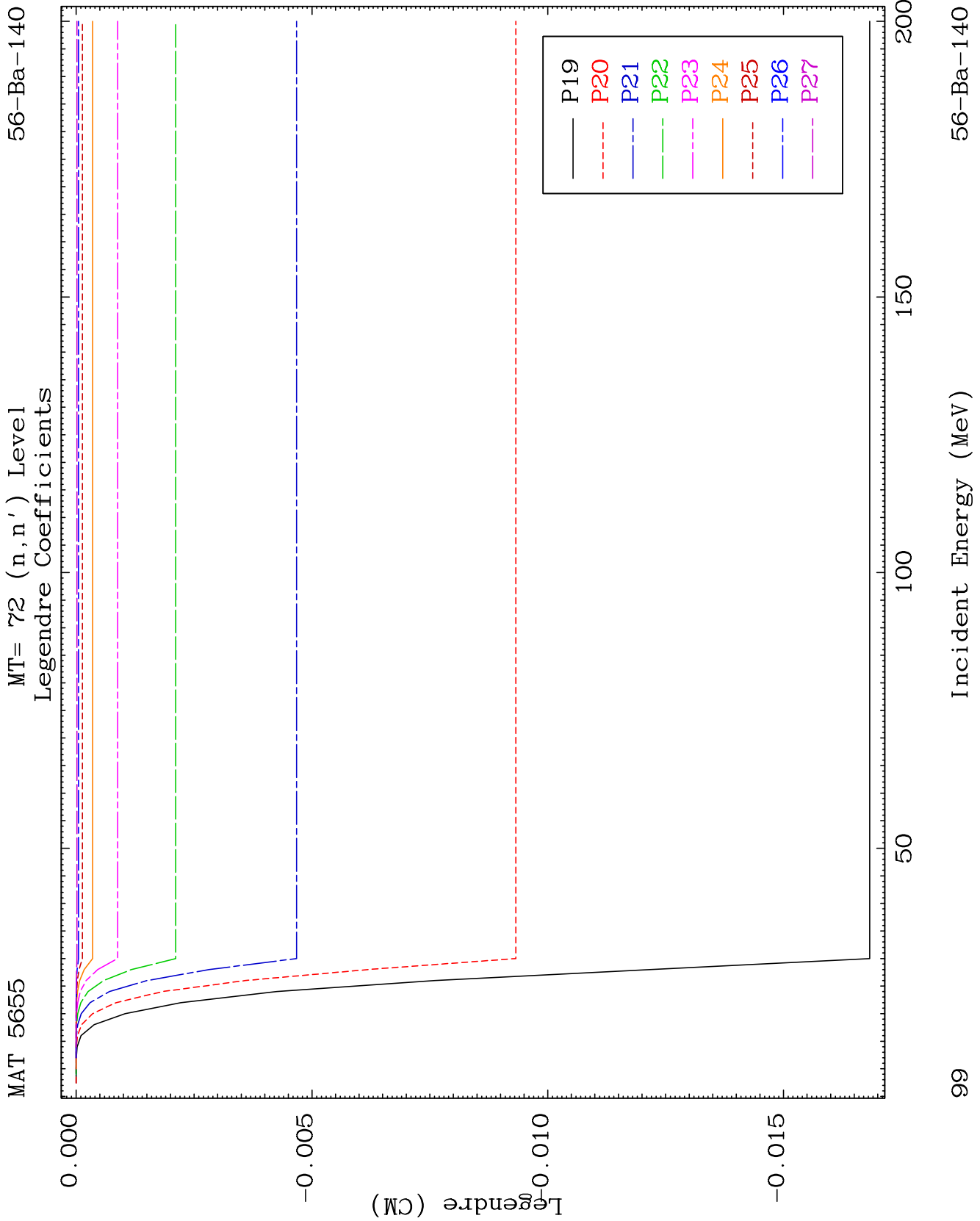
56-Ba-140

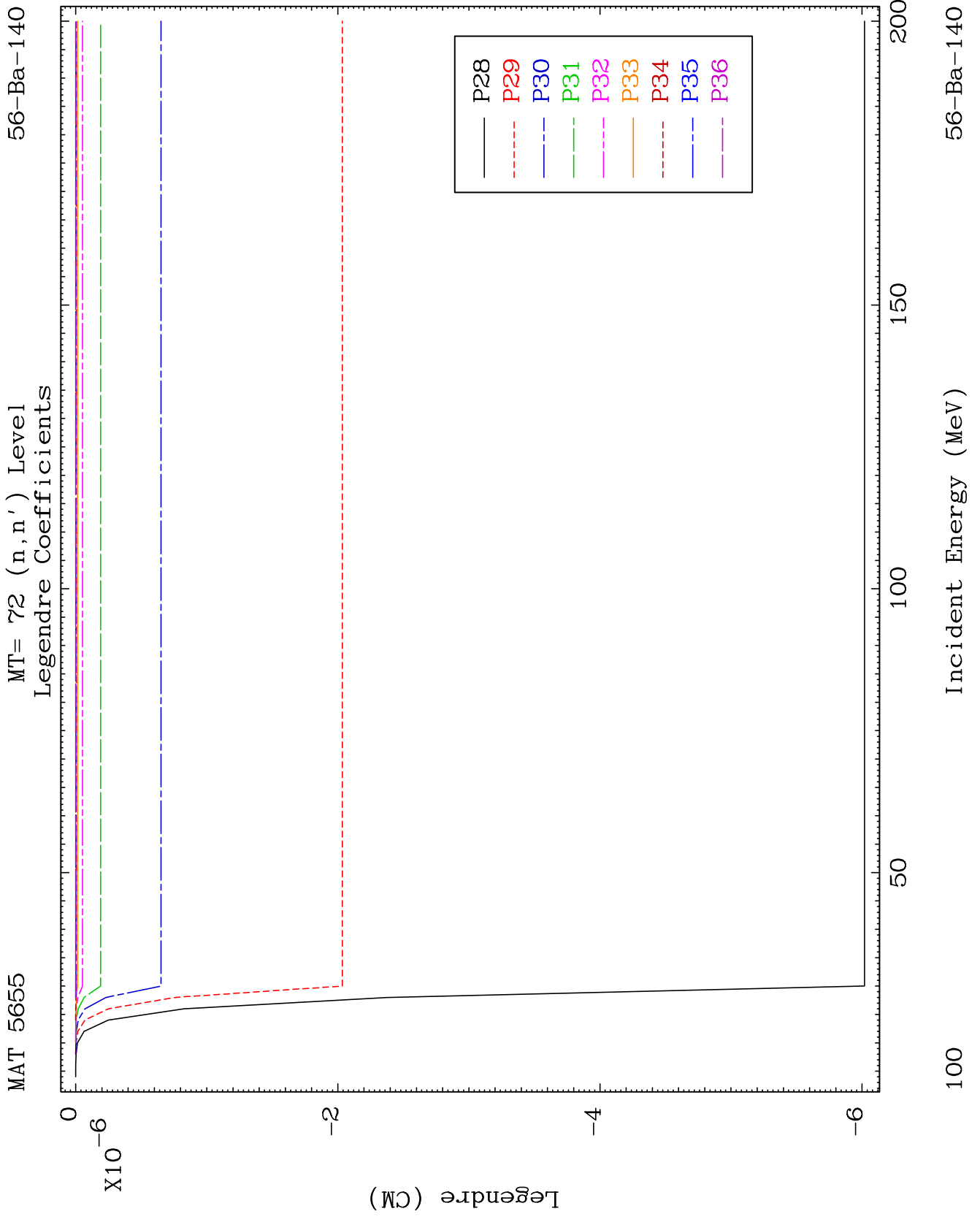


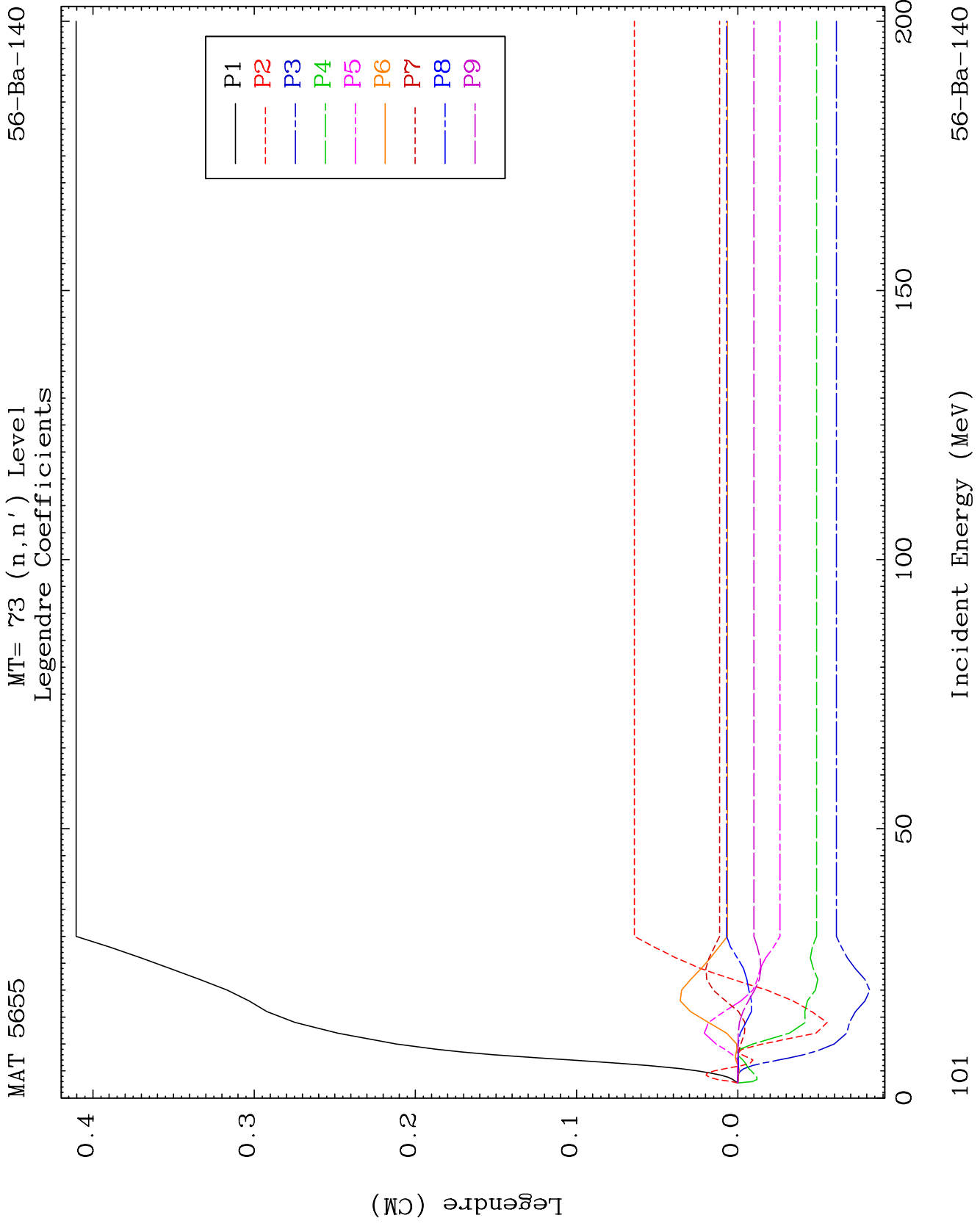
98

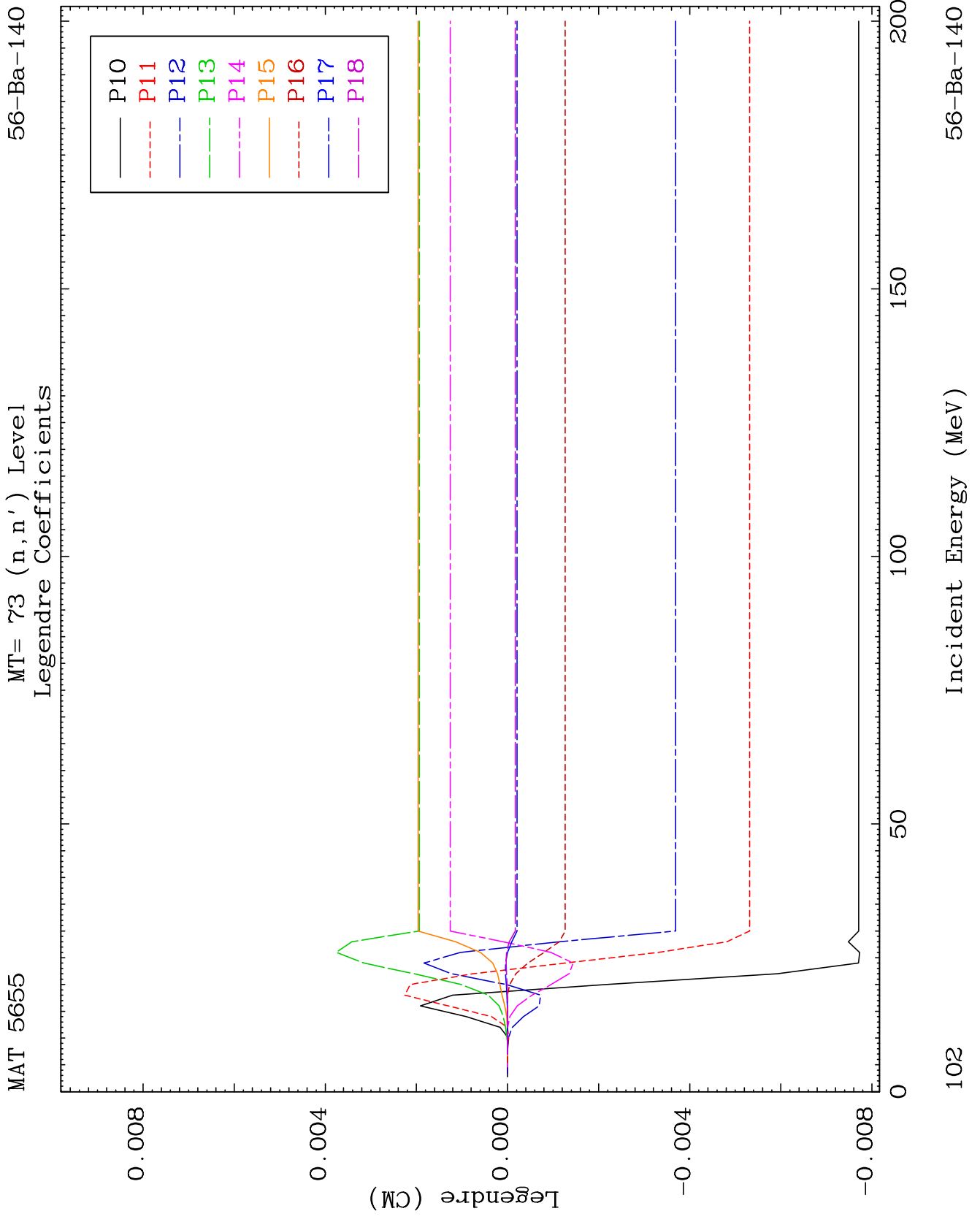
Incident Energy (MeV)

56-Ba-140







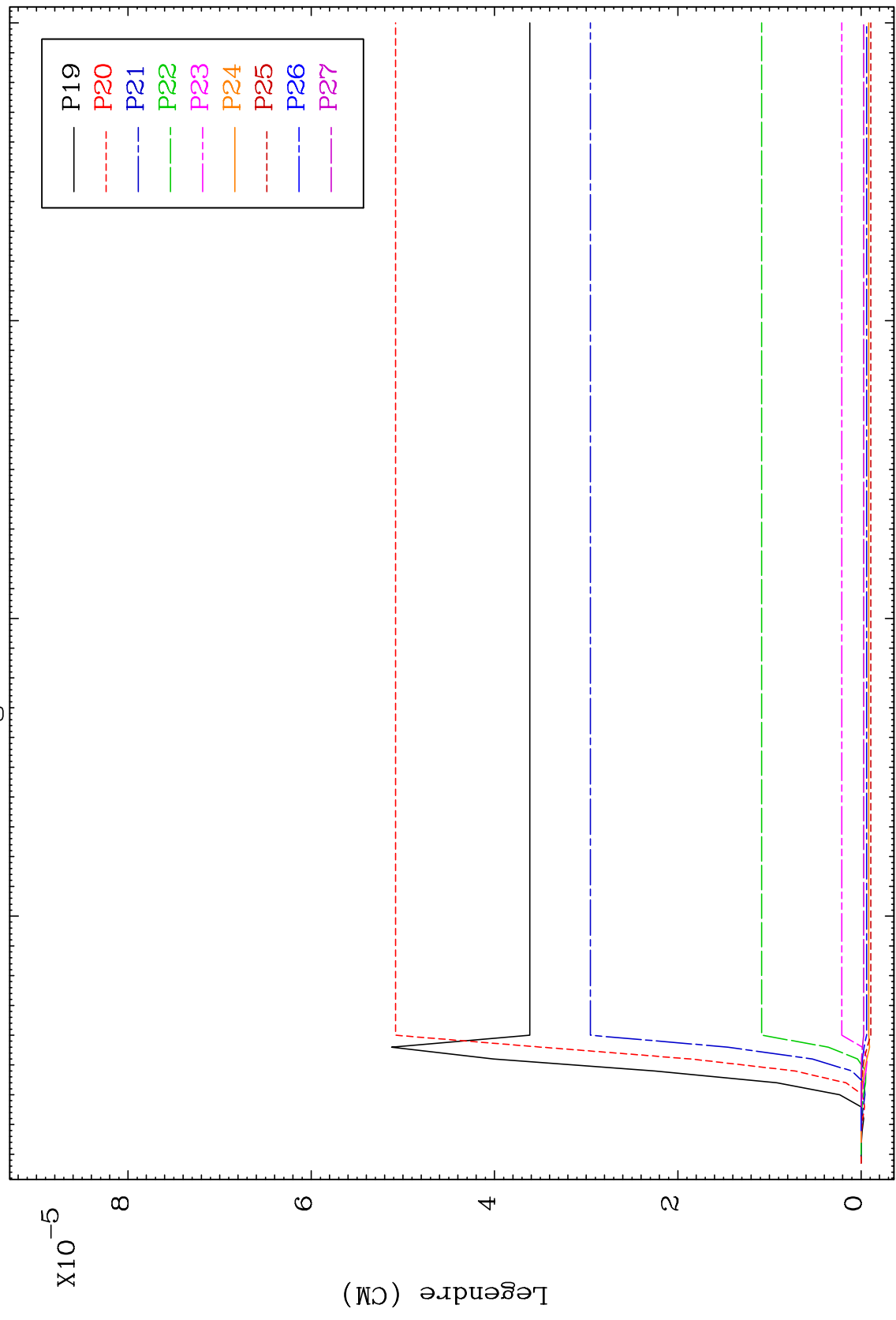


MAT 5655

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

56-Ba-140

$\times 10^{-5}$

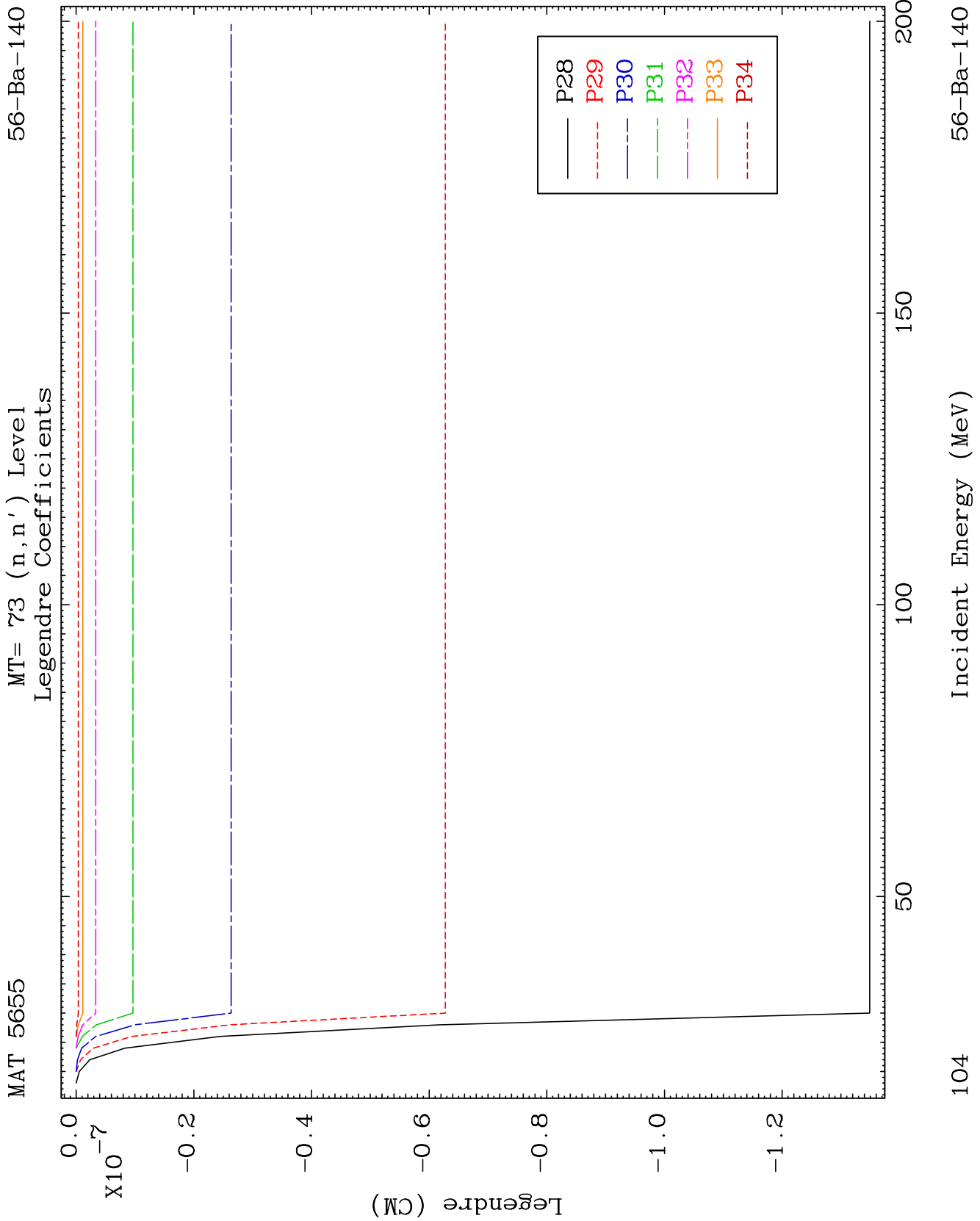


103

Incident Energy (MeV)

56-Ba-140



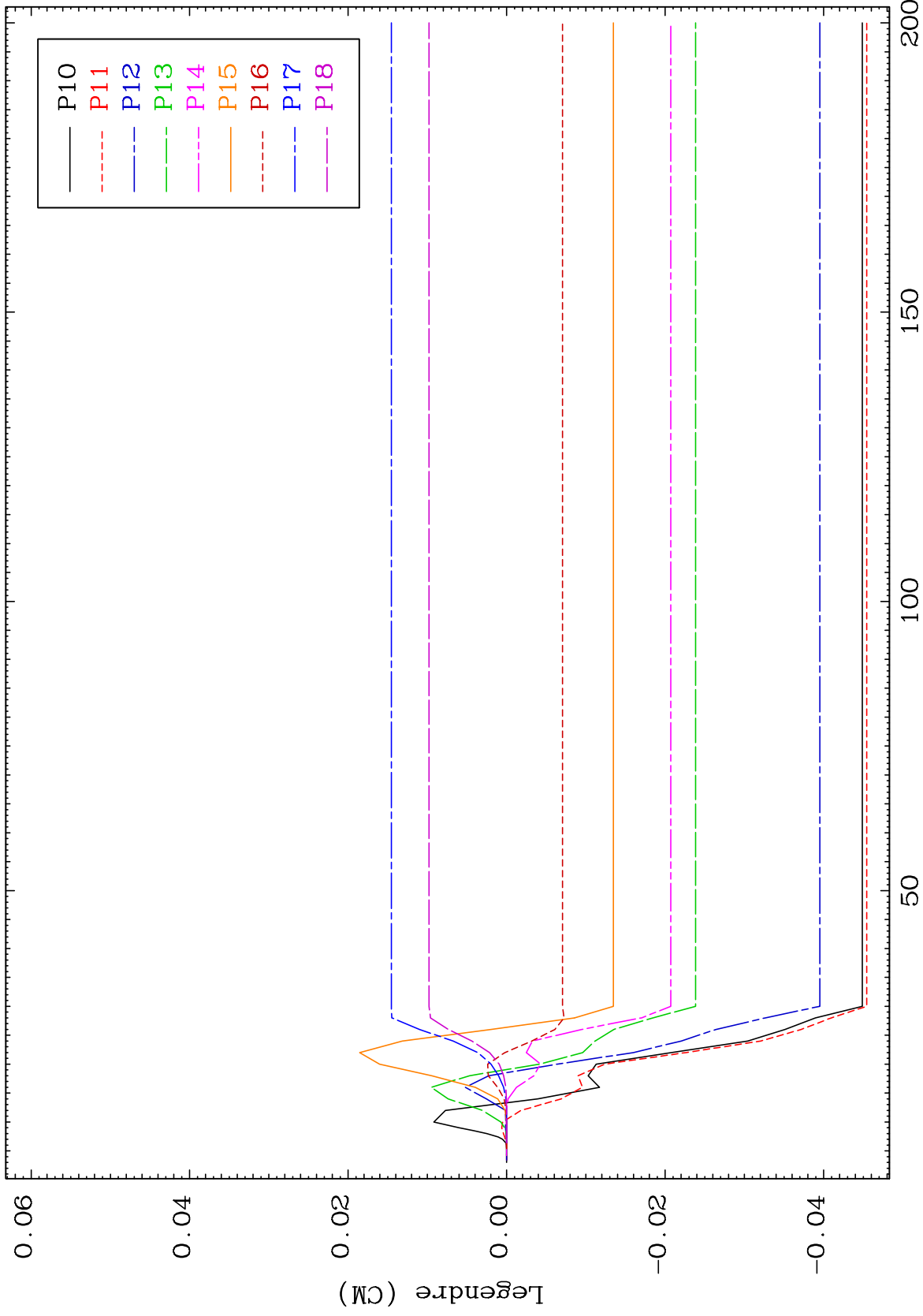




MAT 5655

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

56-Ba-140



106

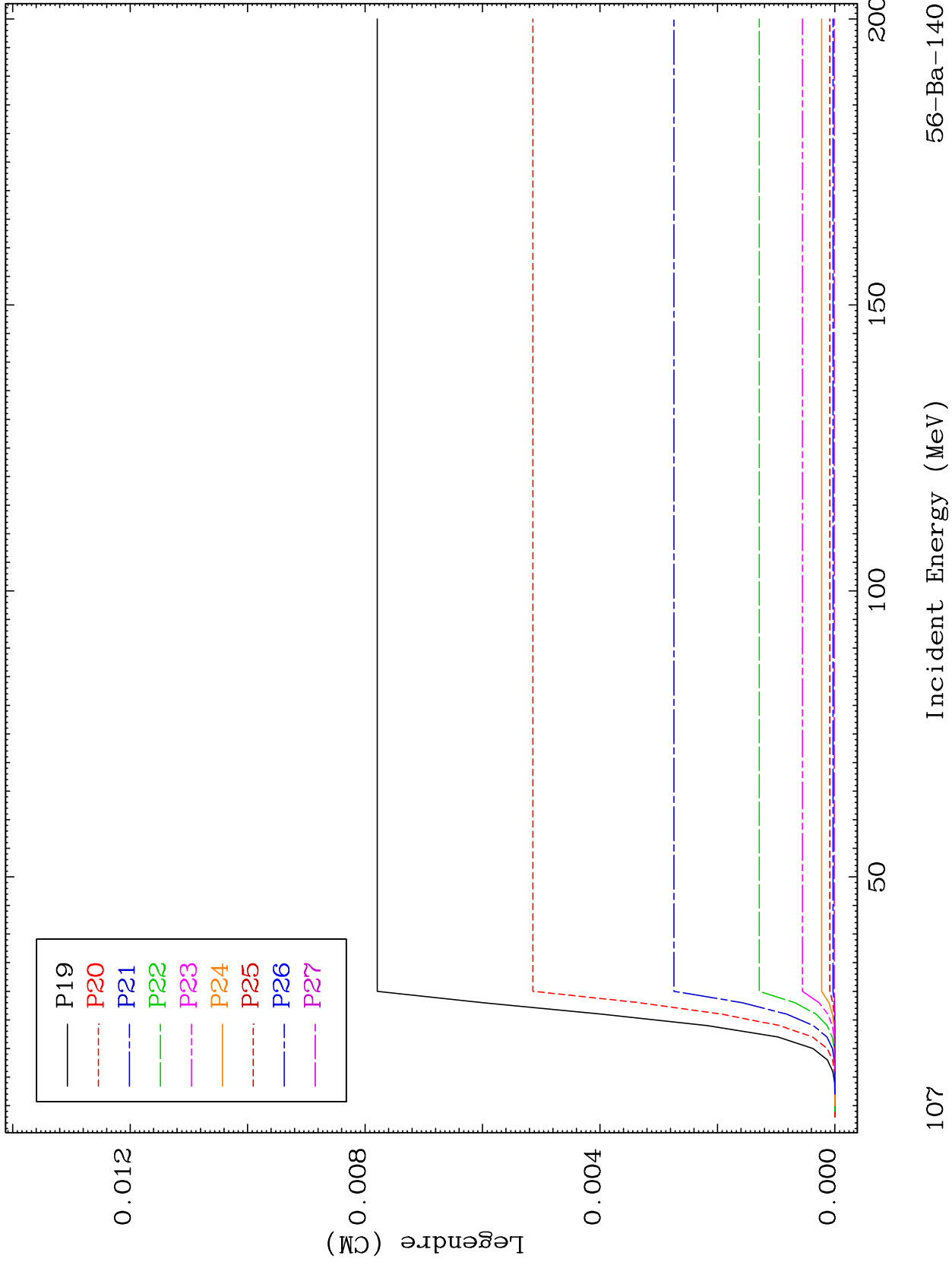
Incident Energy (MeV)

56-Ba-140

MAT 5655

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

56-Ba-140



107

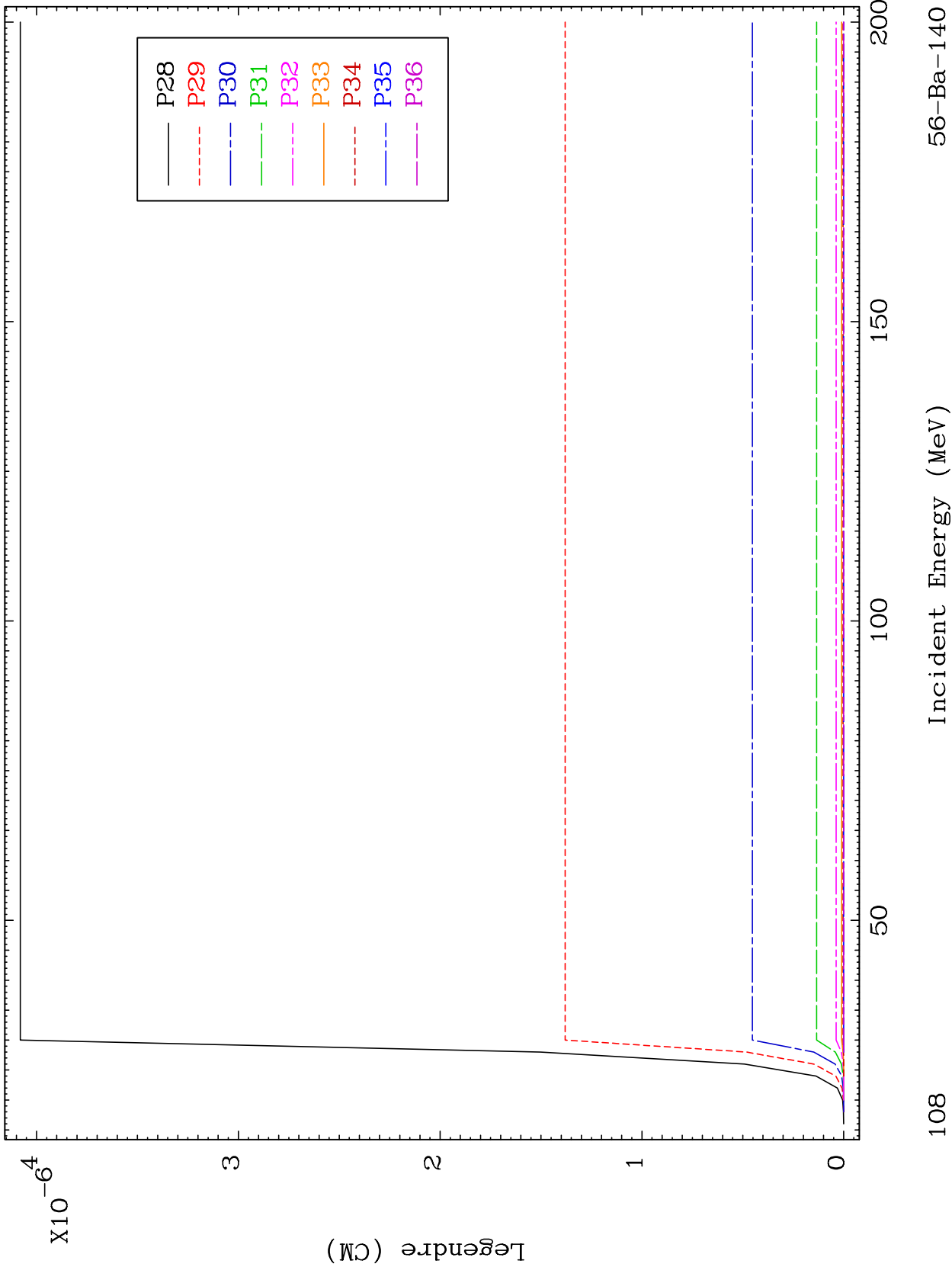
Incident Energy (MeV)

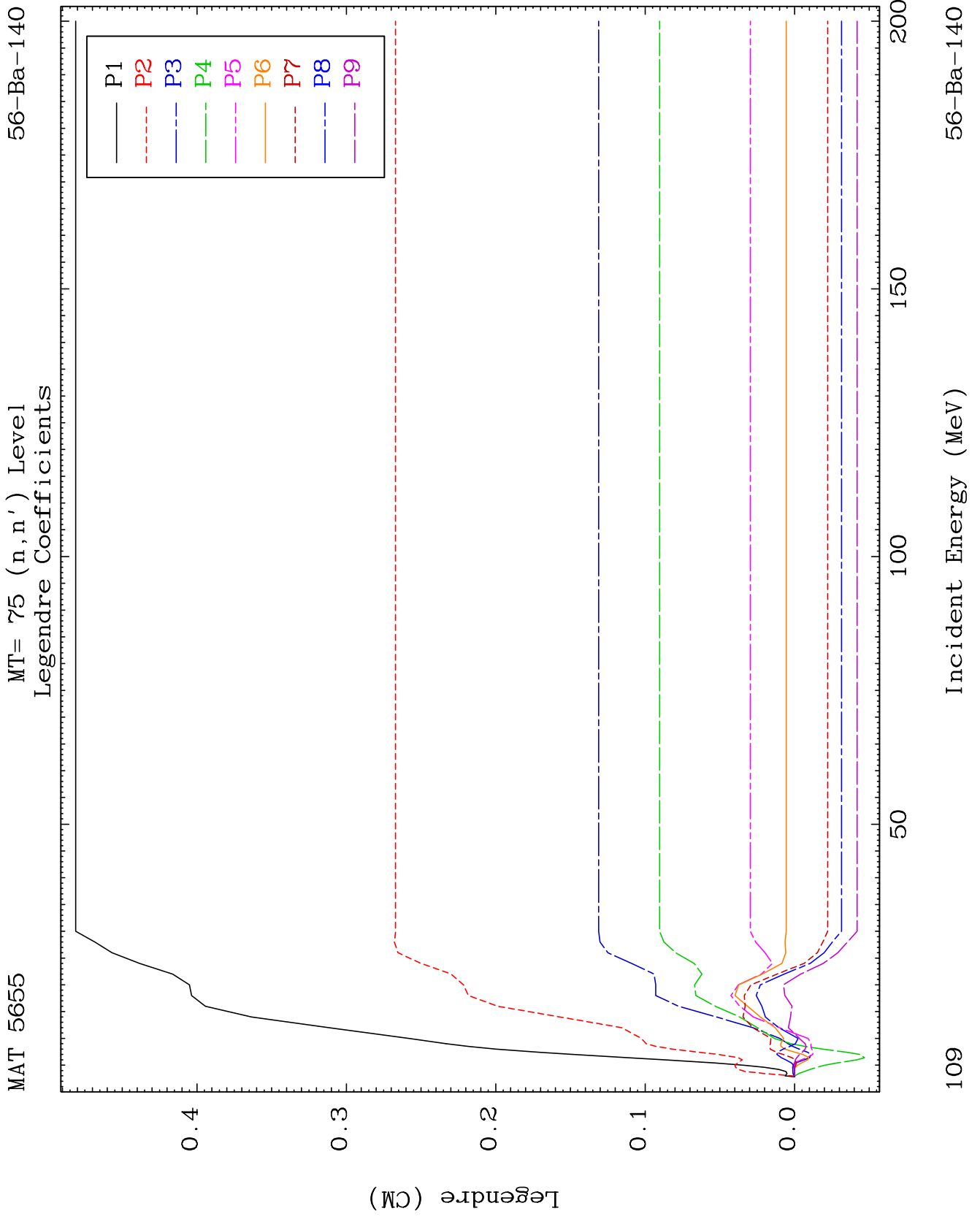
56-Ba-140

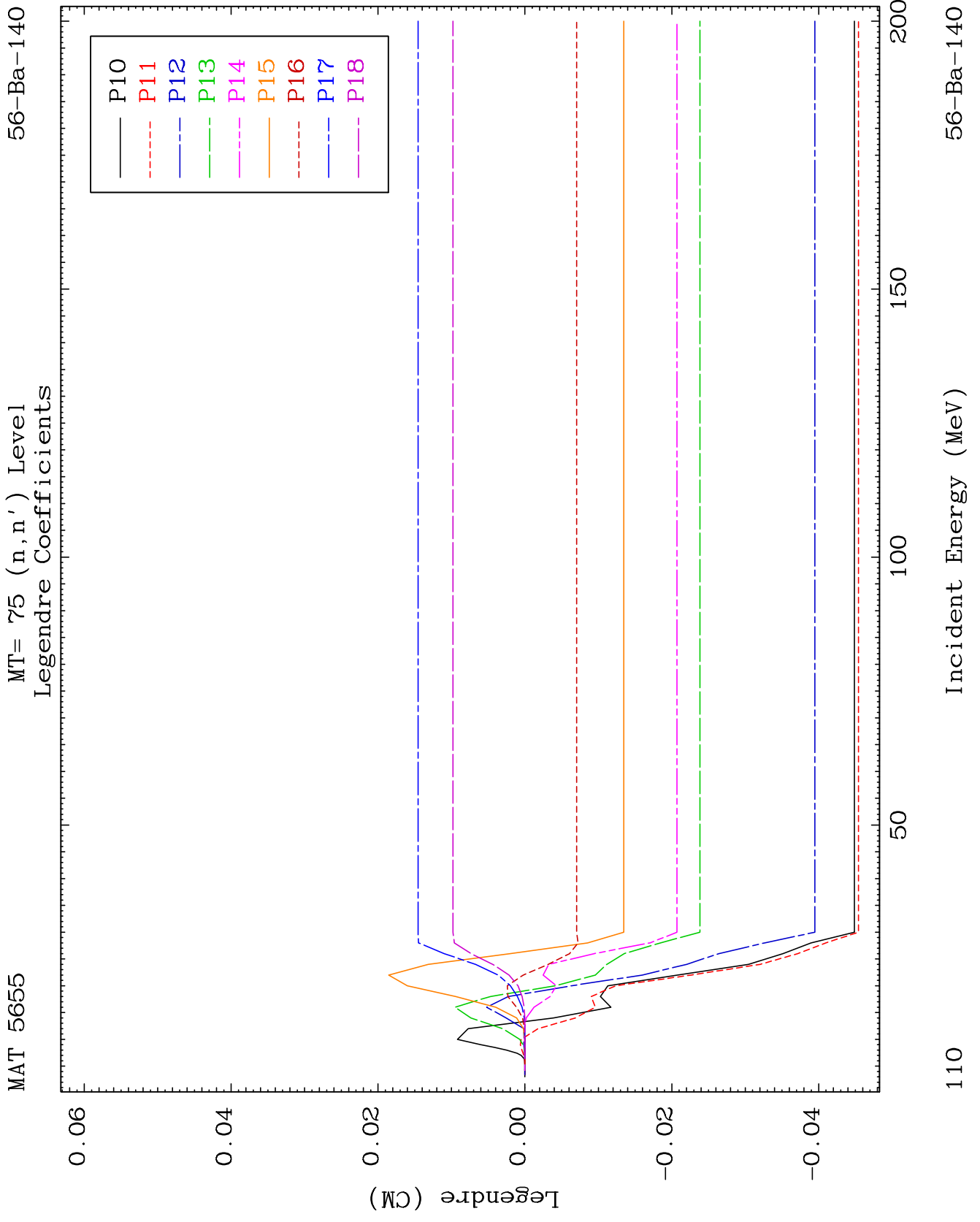
MAT 5655

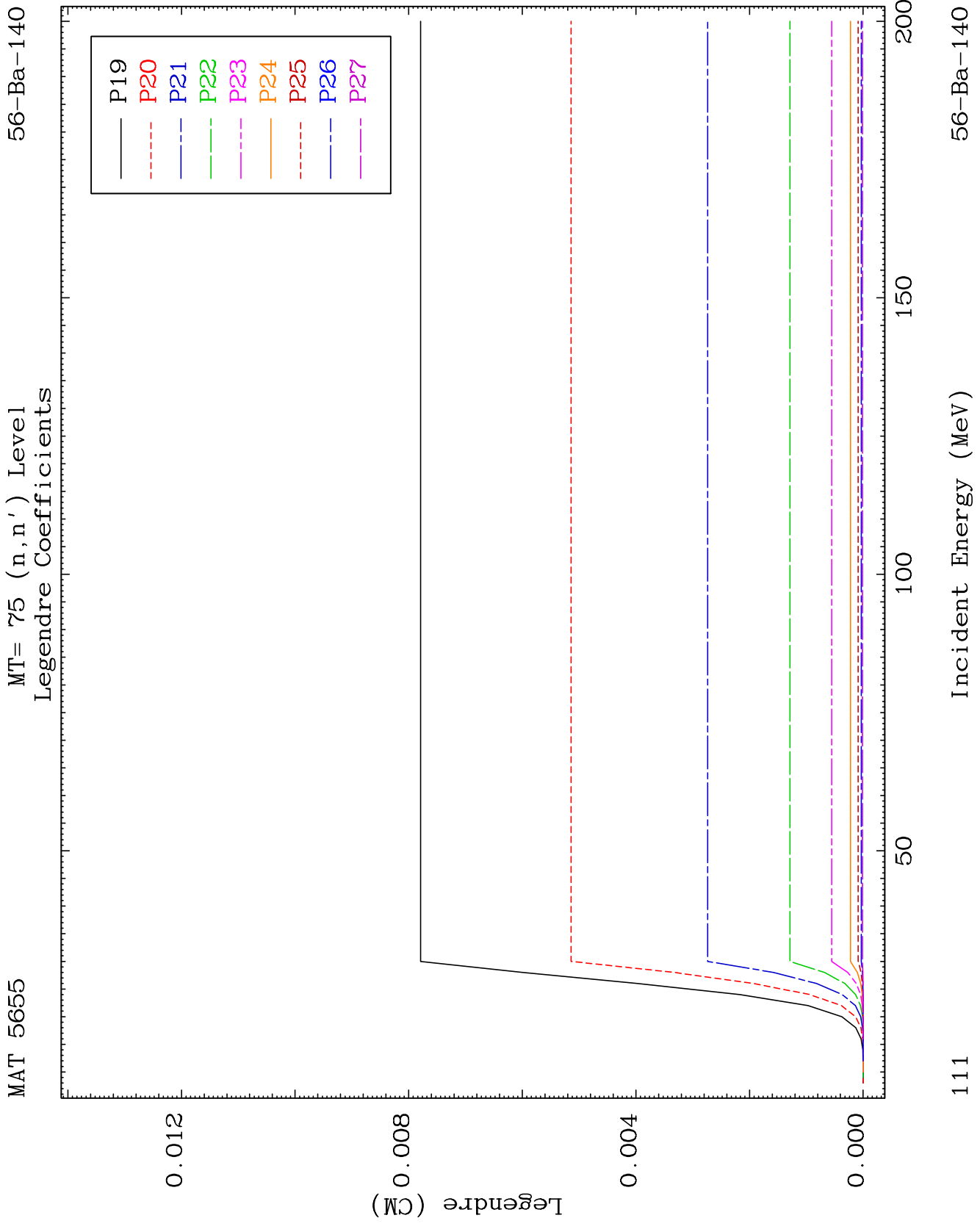
MT= 74 (n,n') Level  
Legendre Coefficients

56-Ba-140







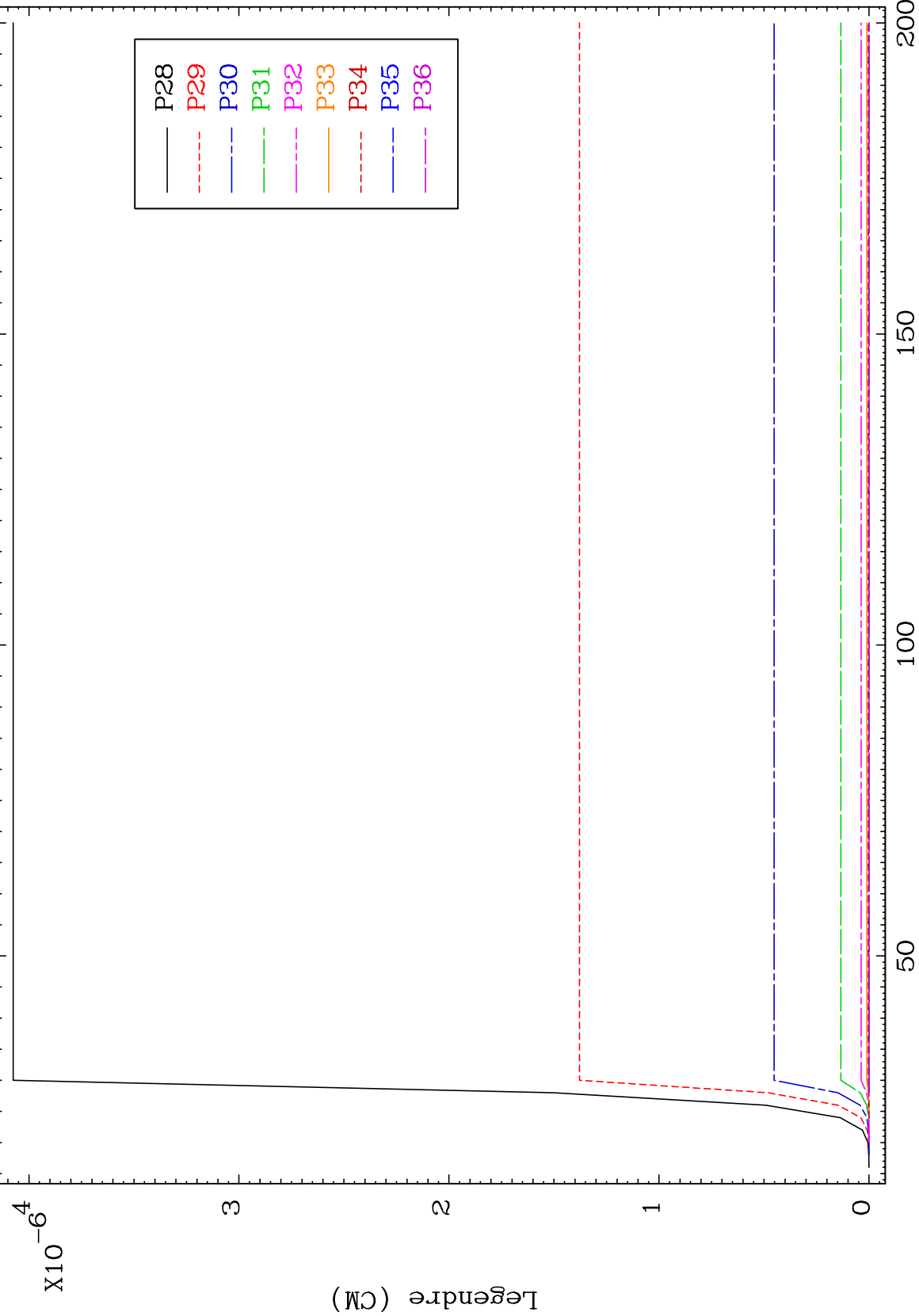




MAT 5655

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

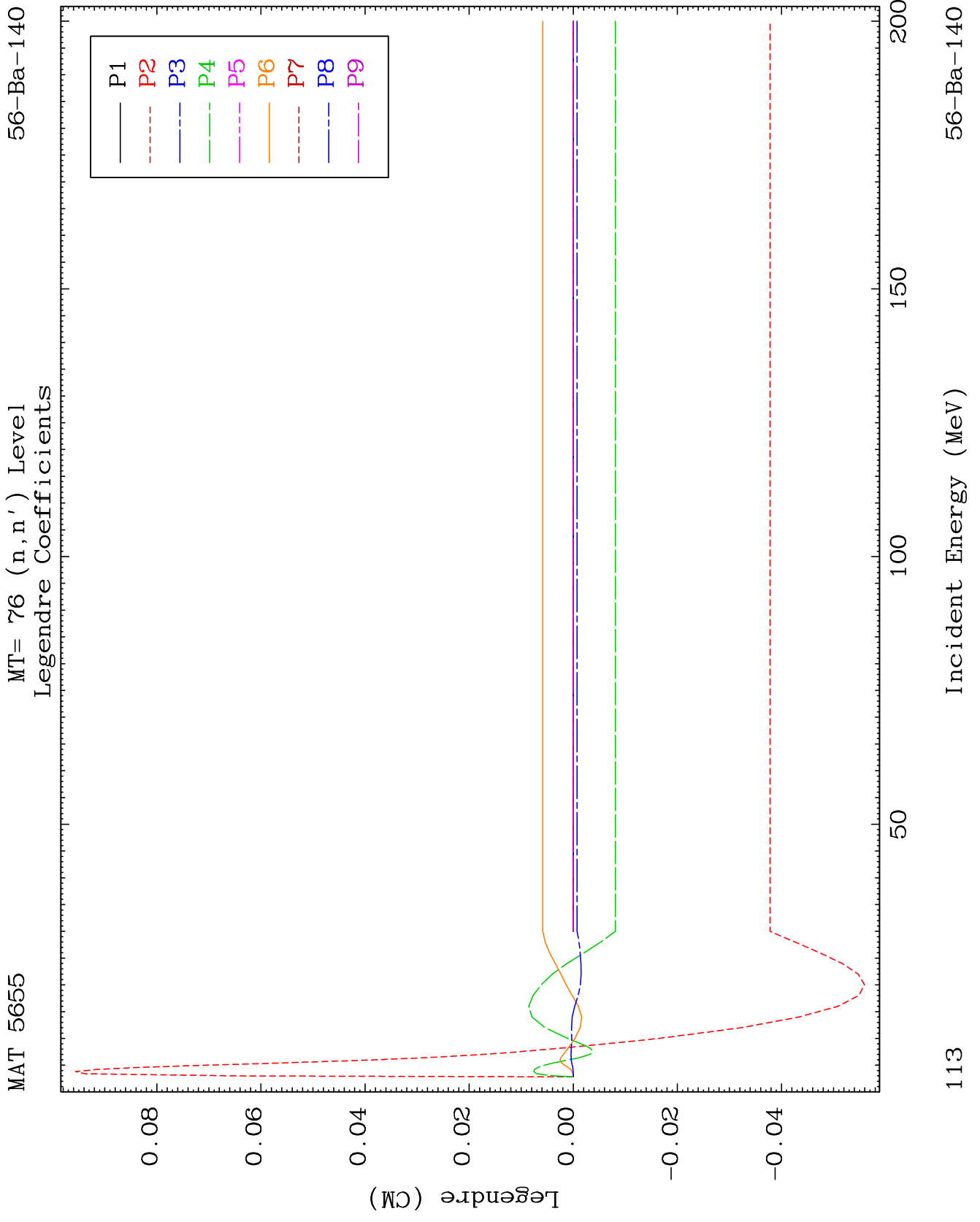
56-Ba-140



112

Incident Energy (MeV)

56-Ba-140

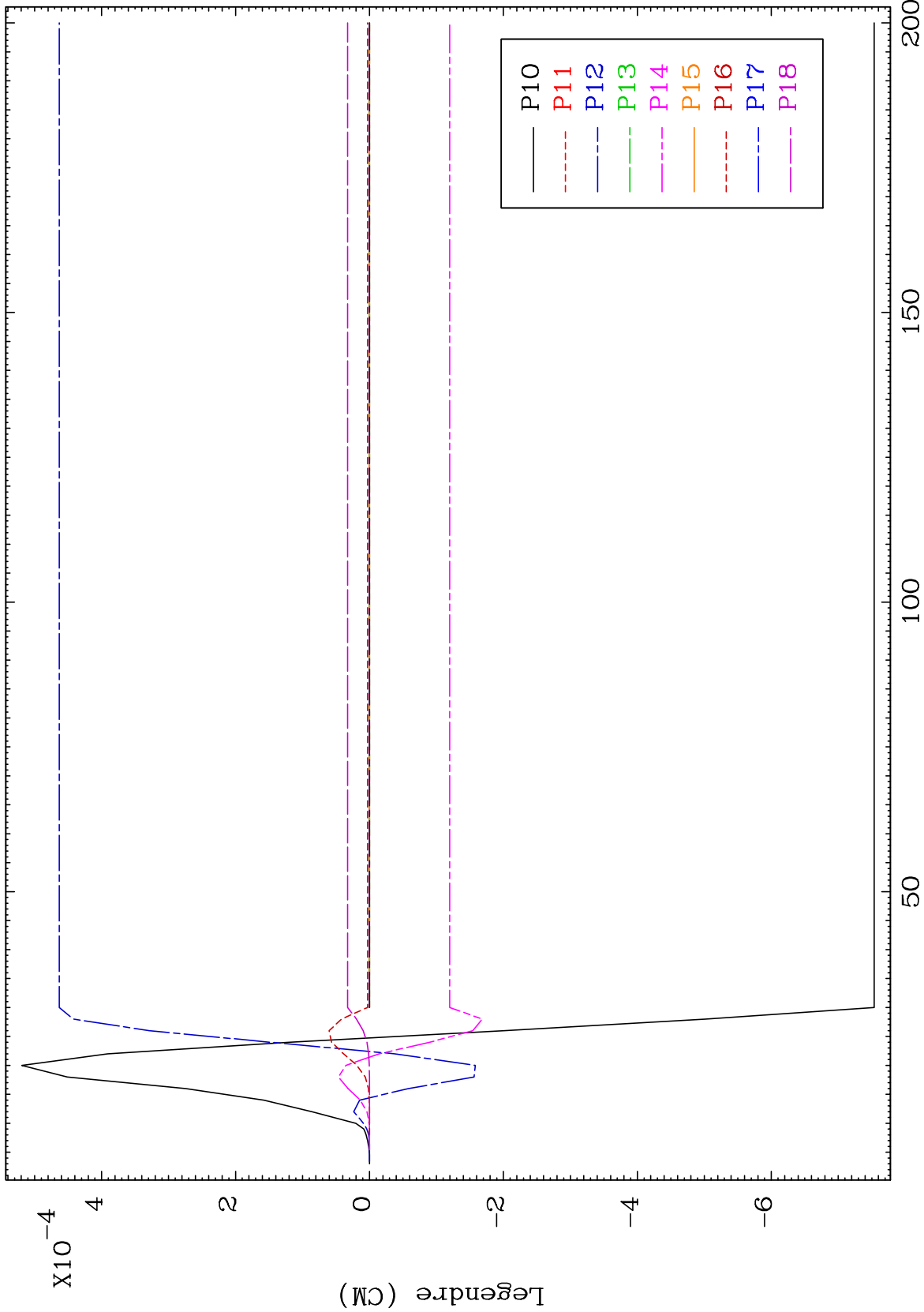


MAT 5655

MT= 76 (n,n') Level

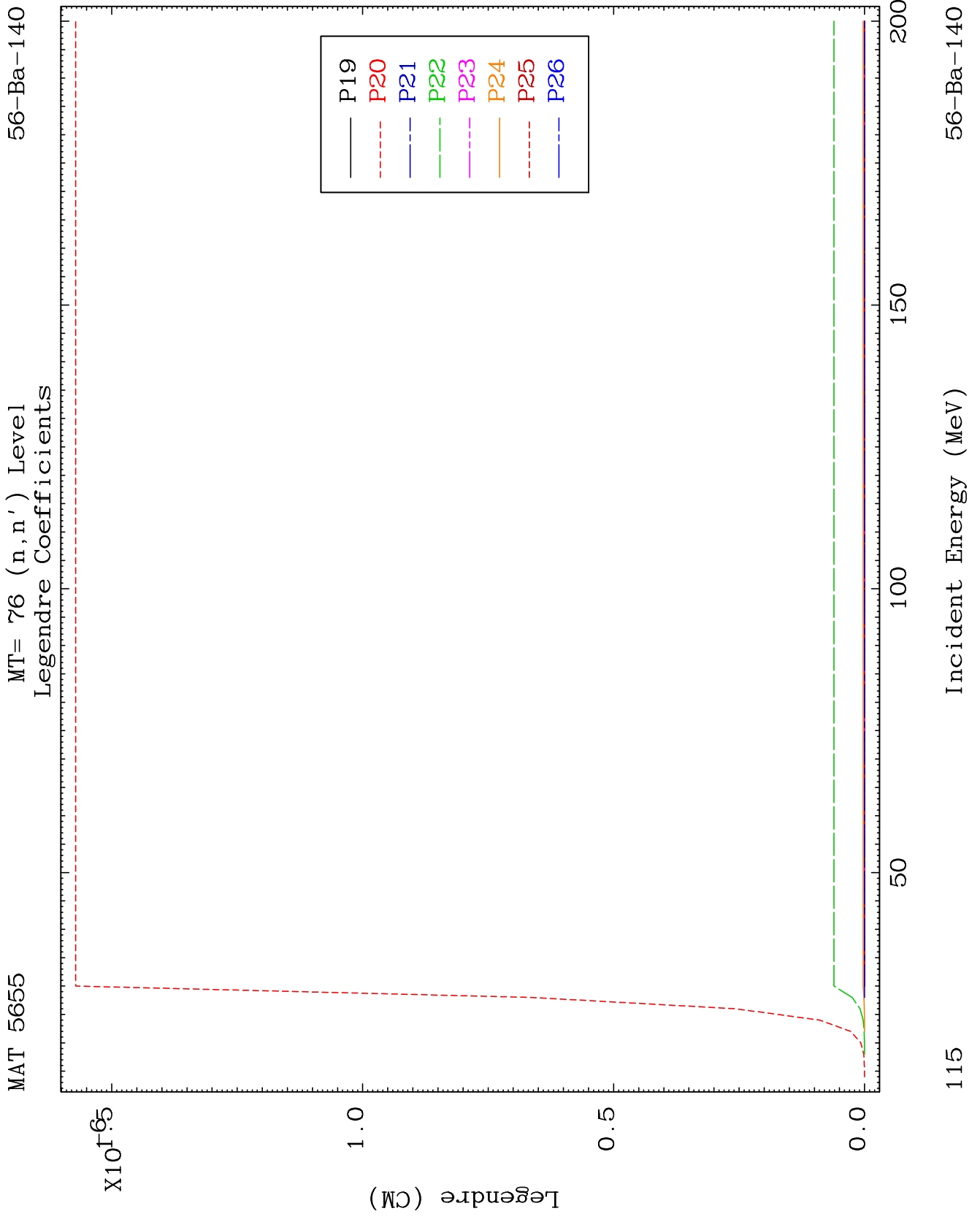
56-Ba-140

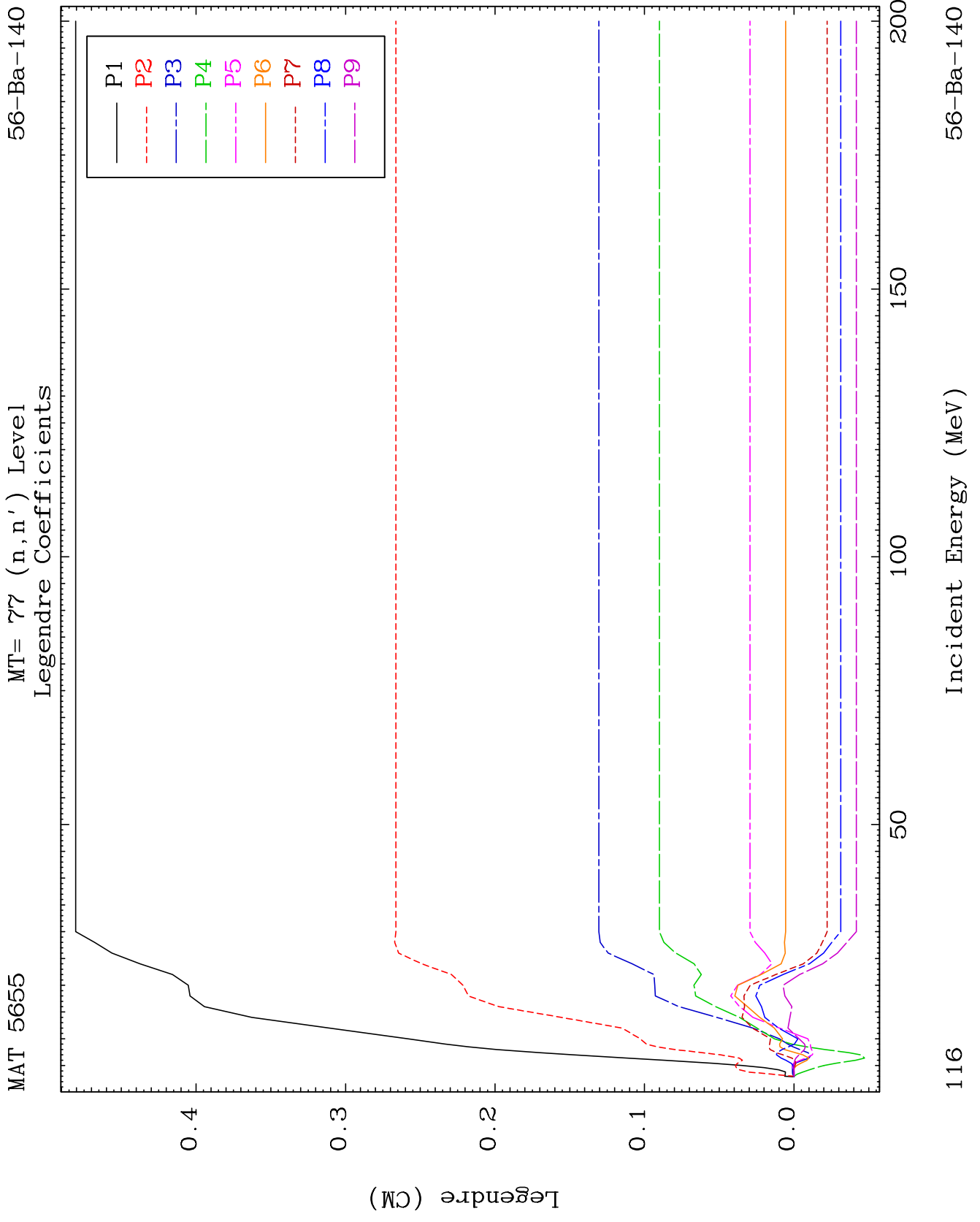
Legendre Coefficients



114

56-Ba-140

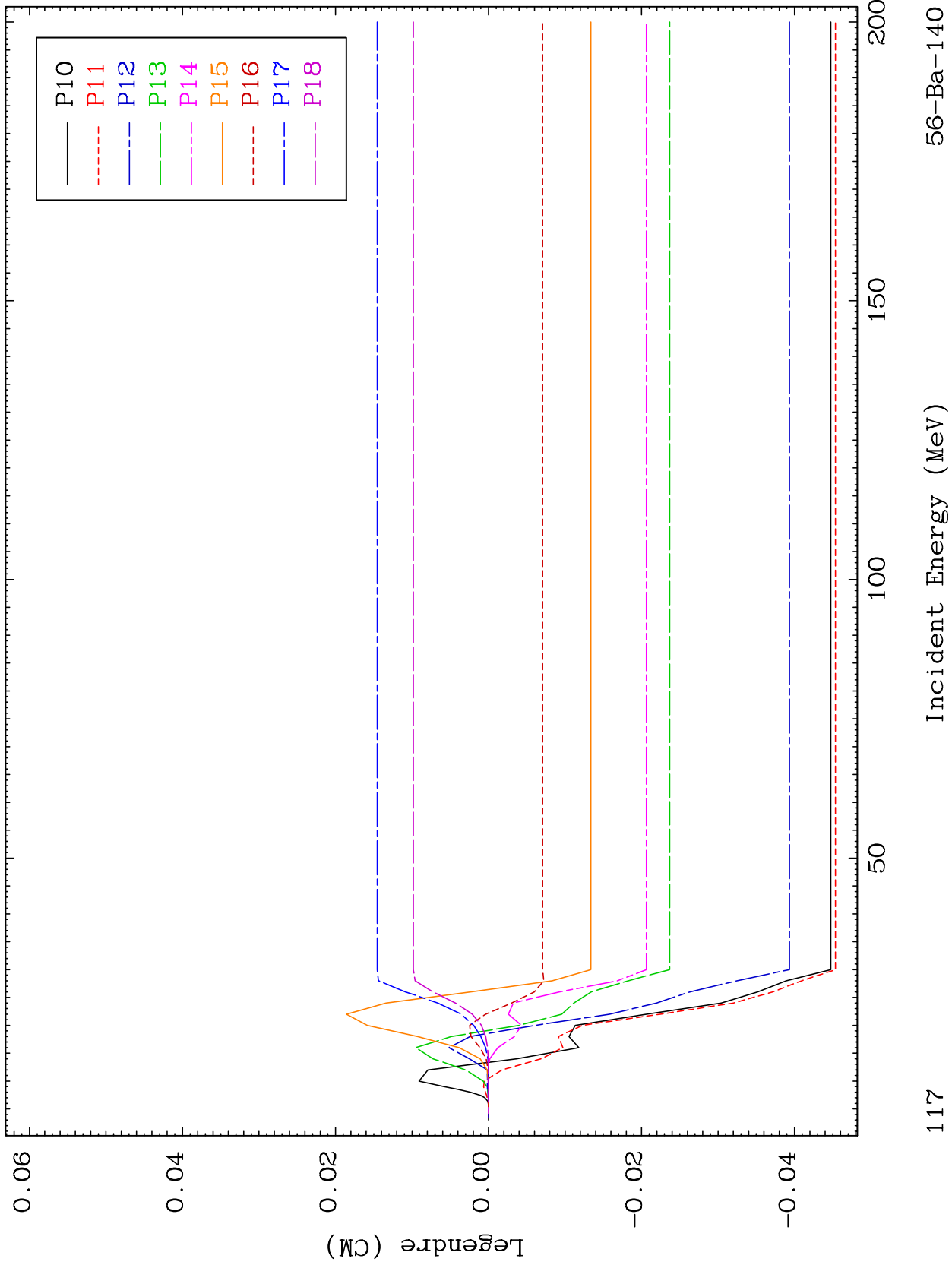




MAT 5655

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

56-Ba-140



117

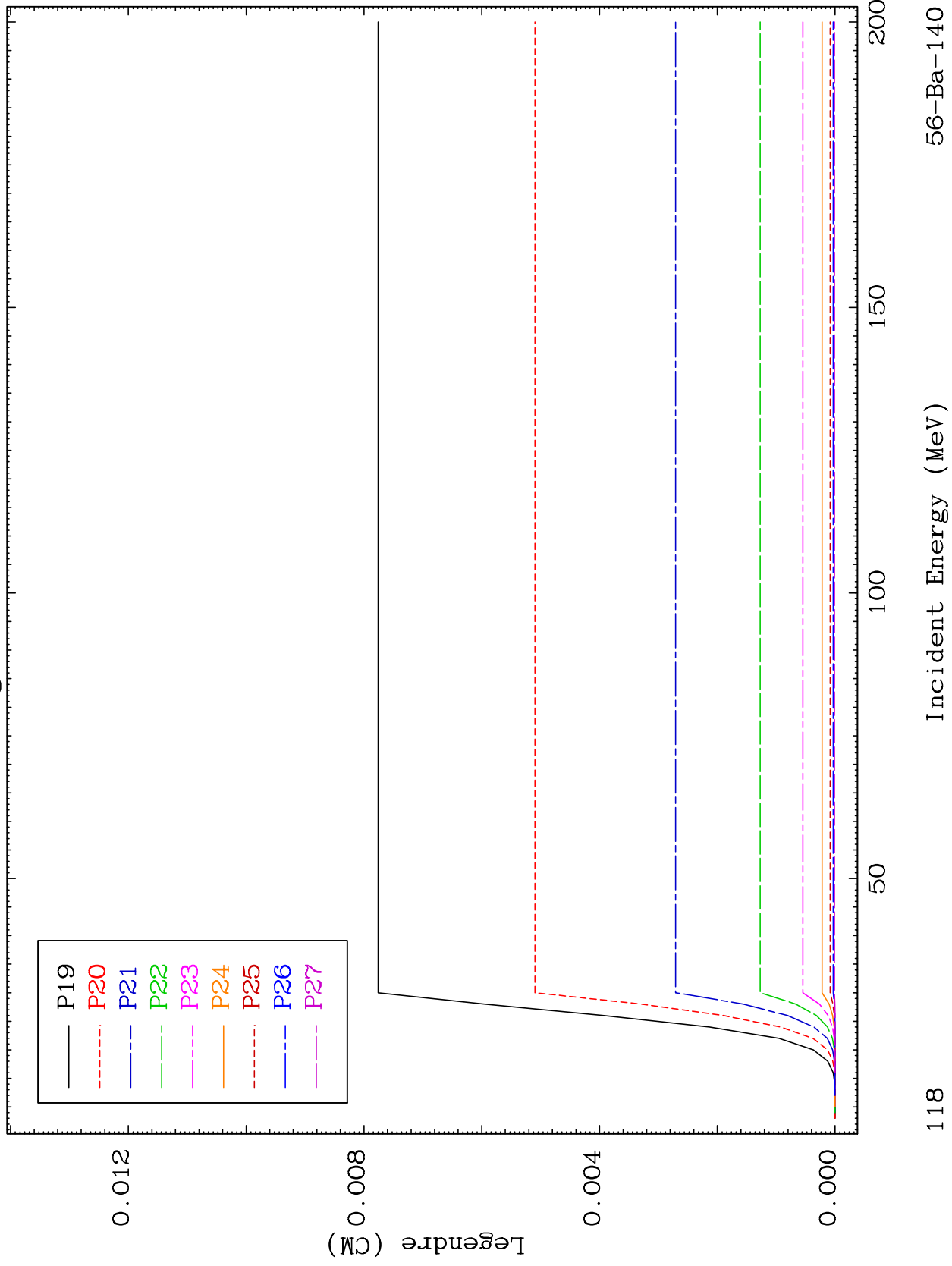
Incident Energy (MeV)

56-Ba-140

MAT 5655

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

56-Ba-140



118

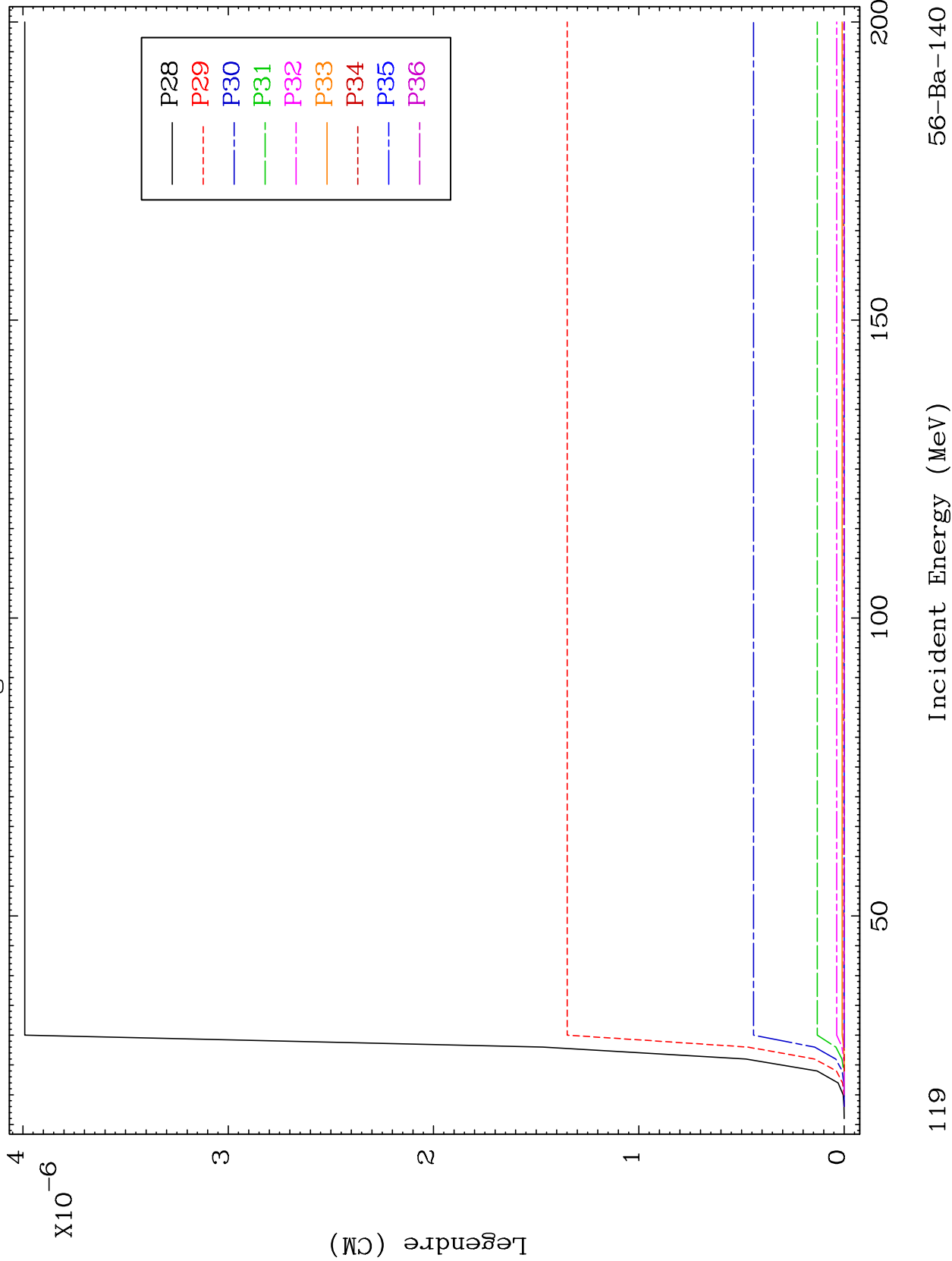
Incident Energy (MeV)

56-Ba-140

MAT 5655

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

56-Ba-140

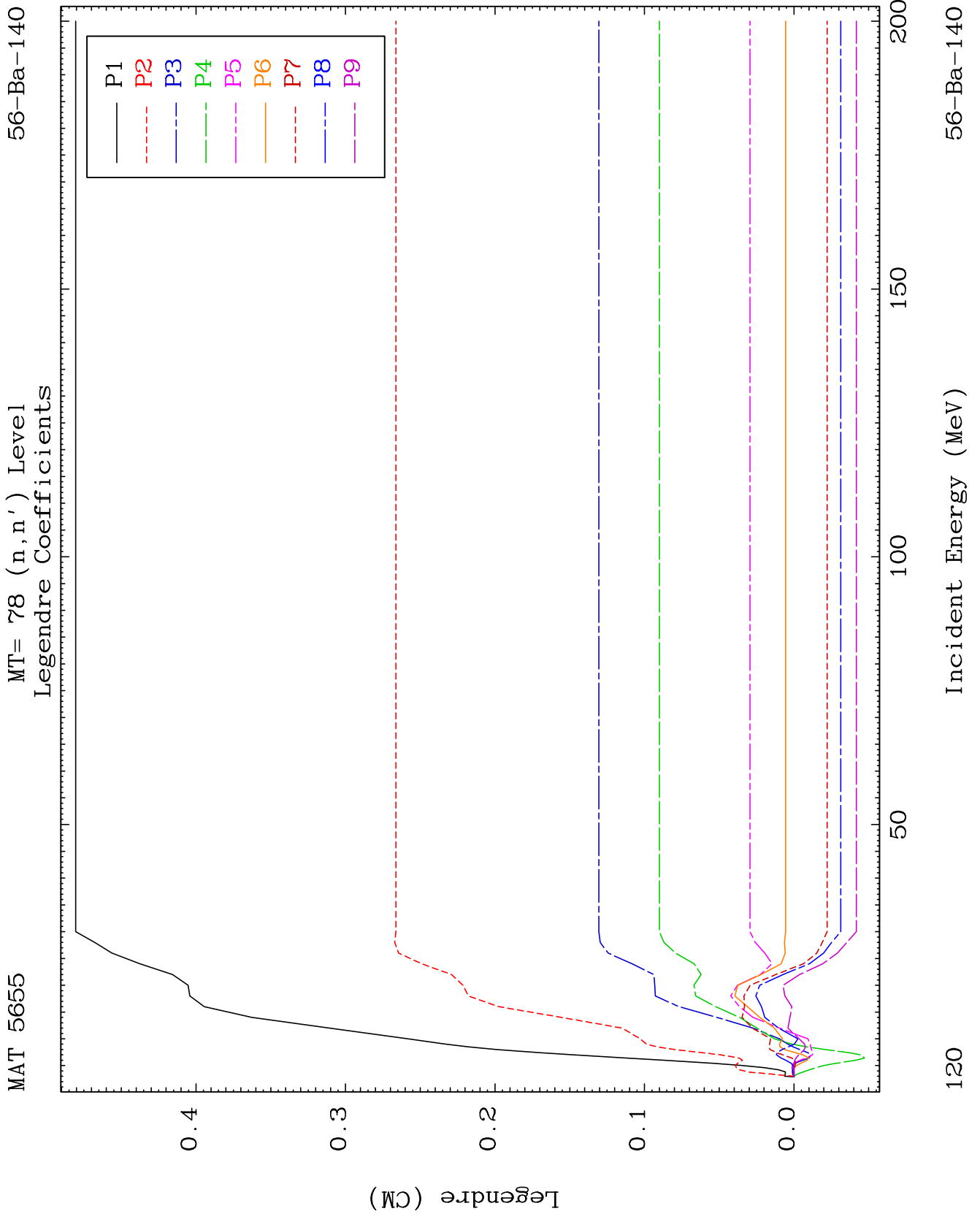


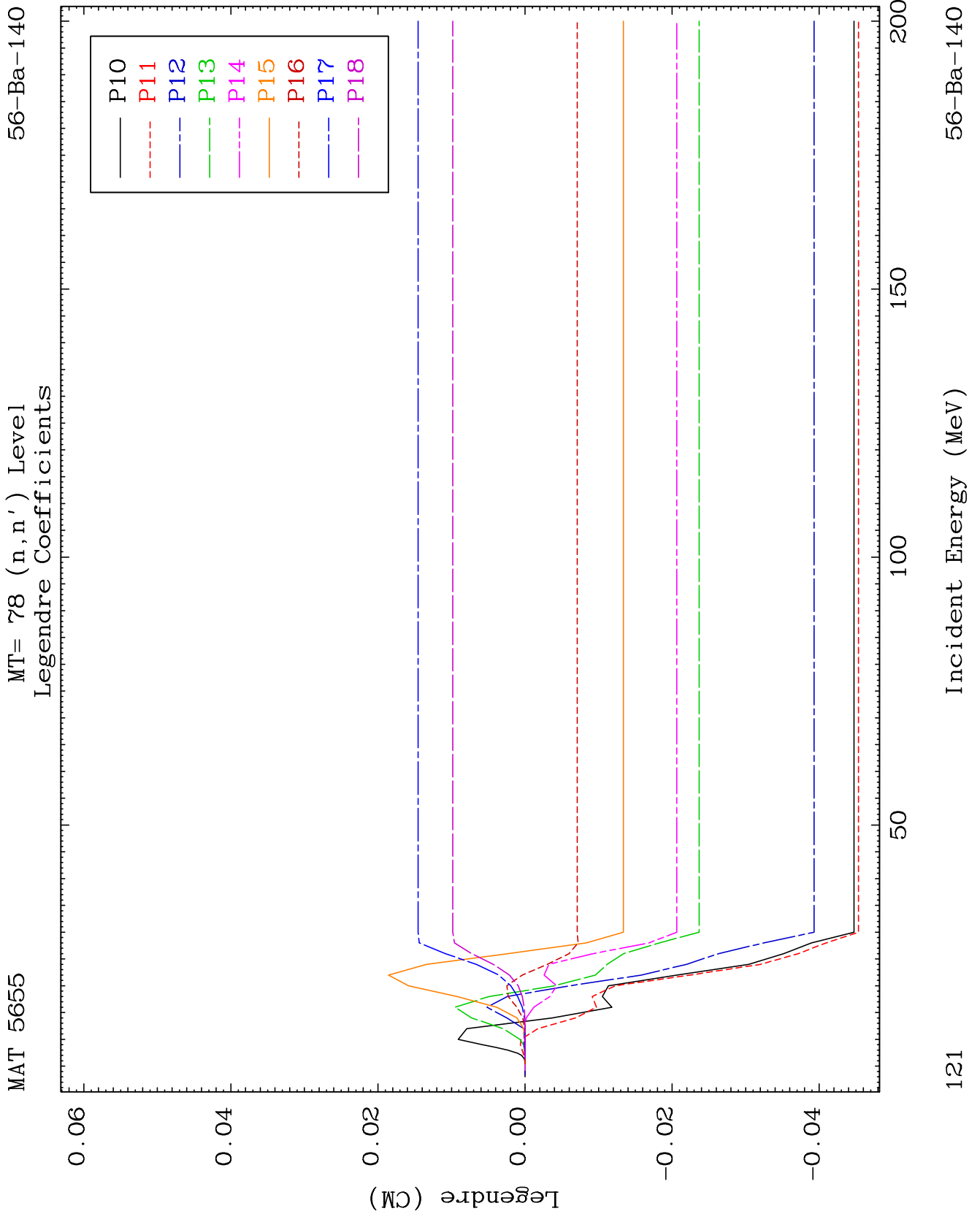
119

Incident Energy (MeV)

56-Ba-140



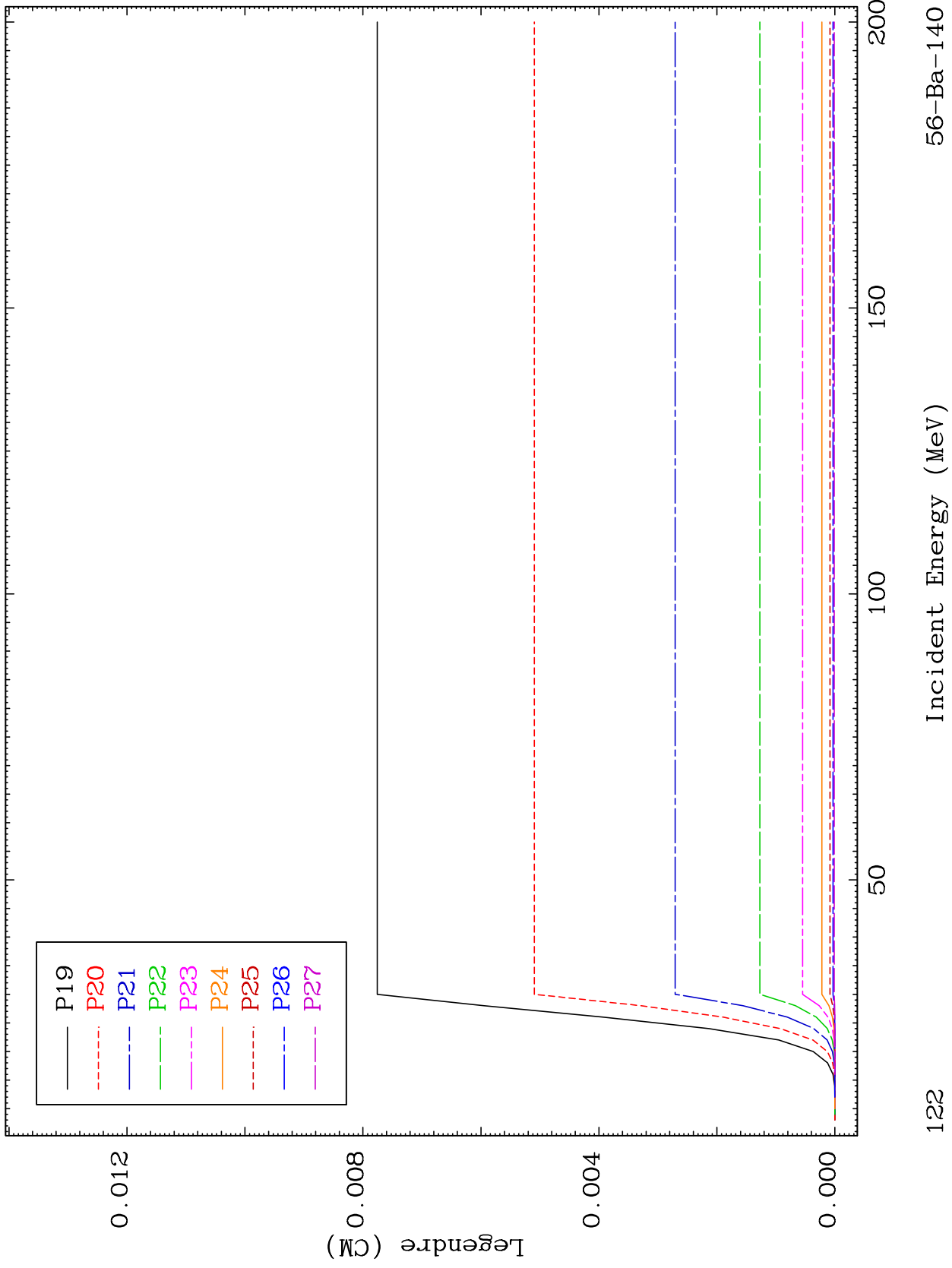




MAT 5655

MT= 78 (n,n') Level  
Legendre Coefficients

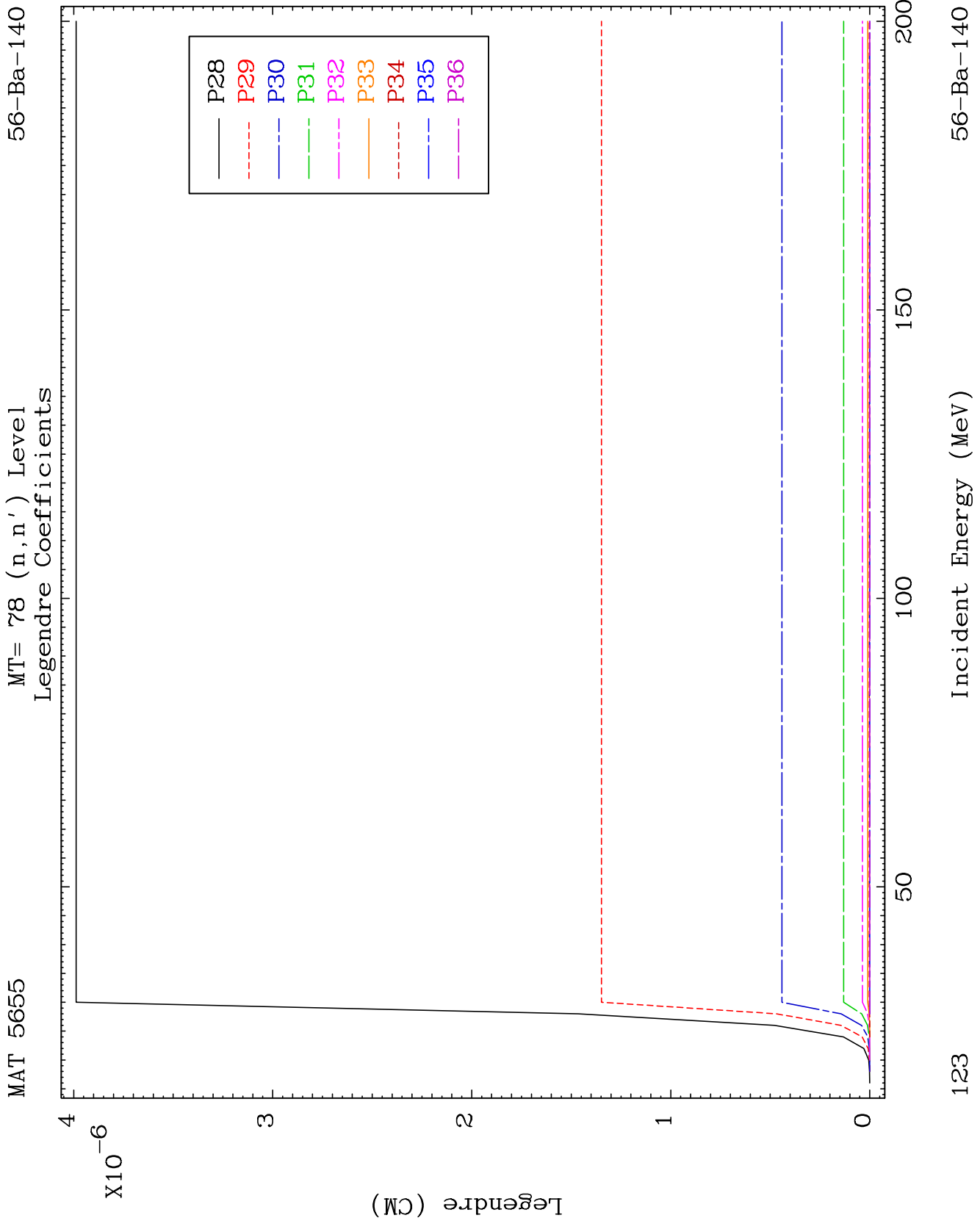
56-Ba-140

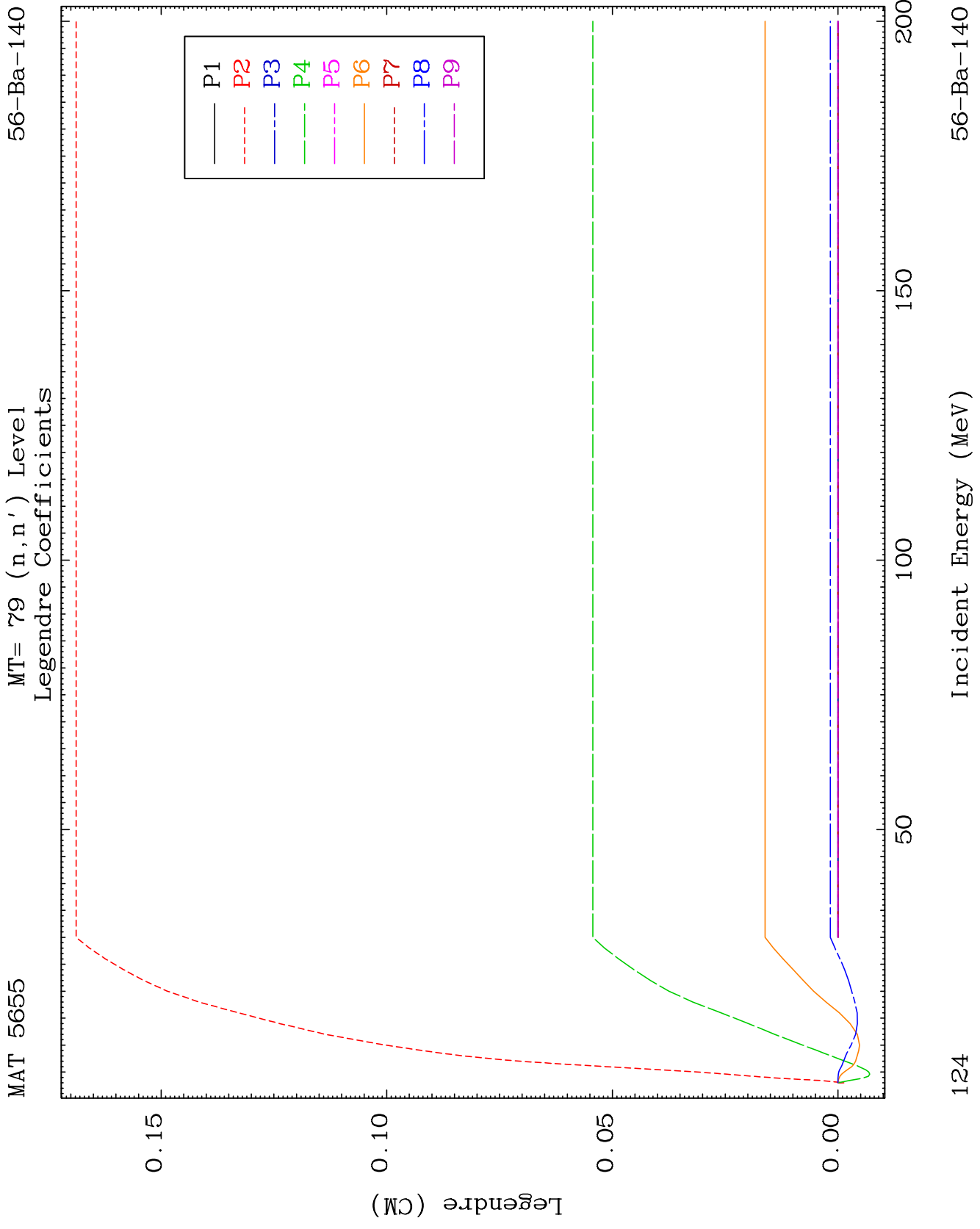


122

Incident Energy (MeV)

56-Ba-140

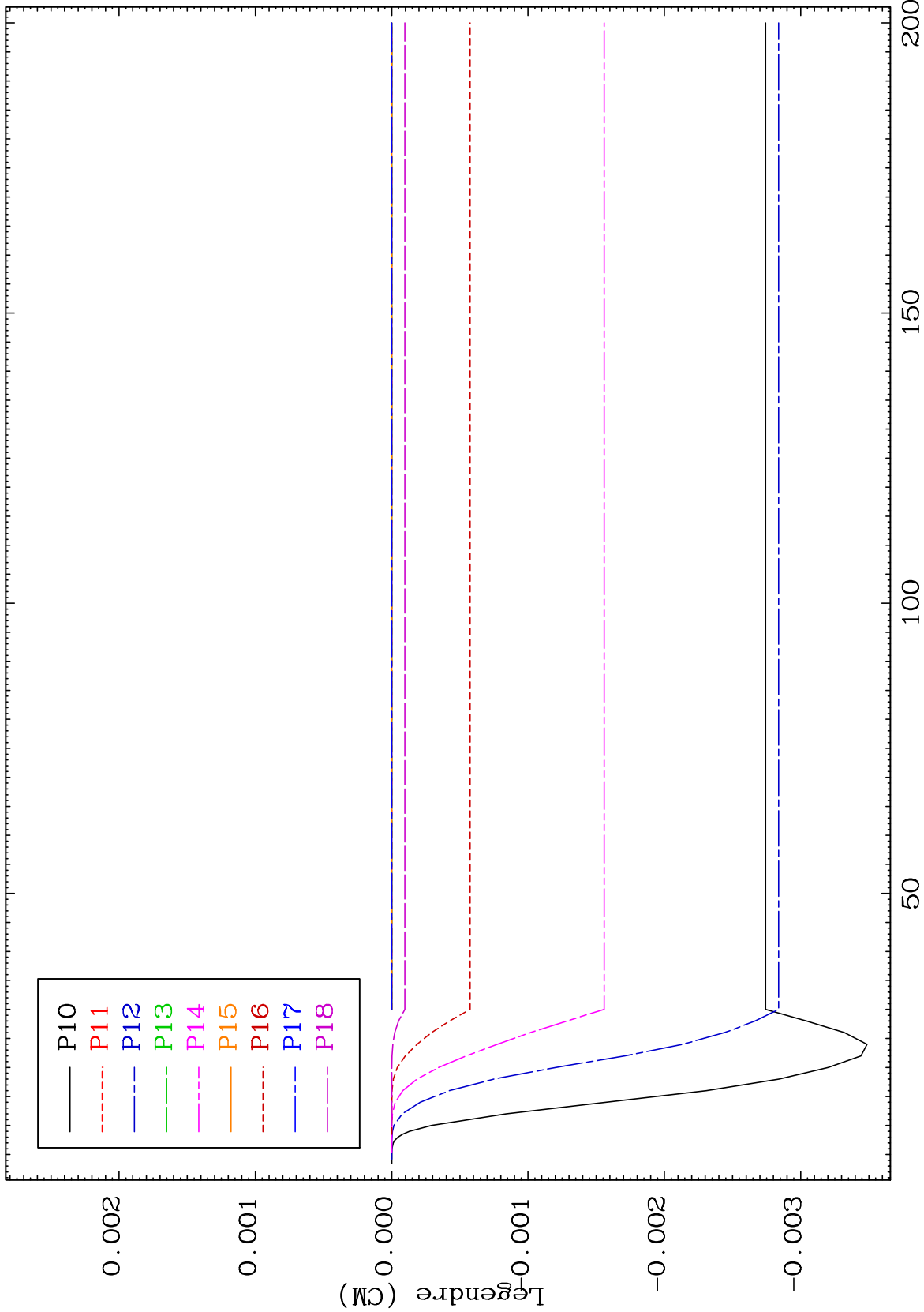




MAT 5655

MT= 79 (n,n') Level  
Legendre Coefficients

56-Ba-140



125

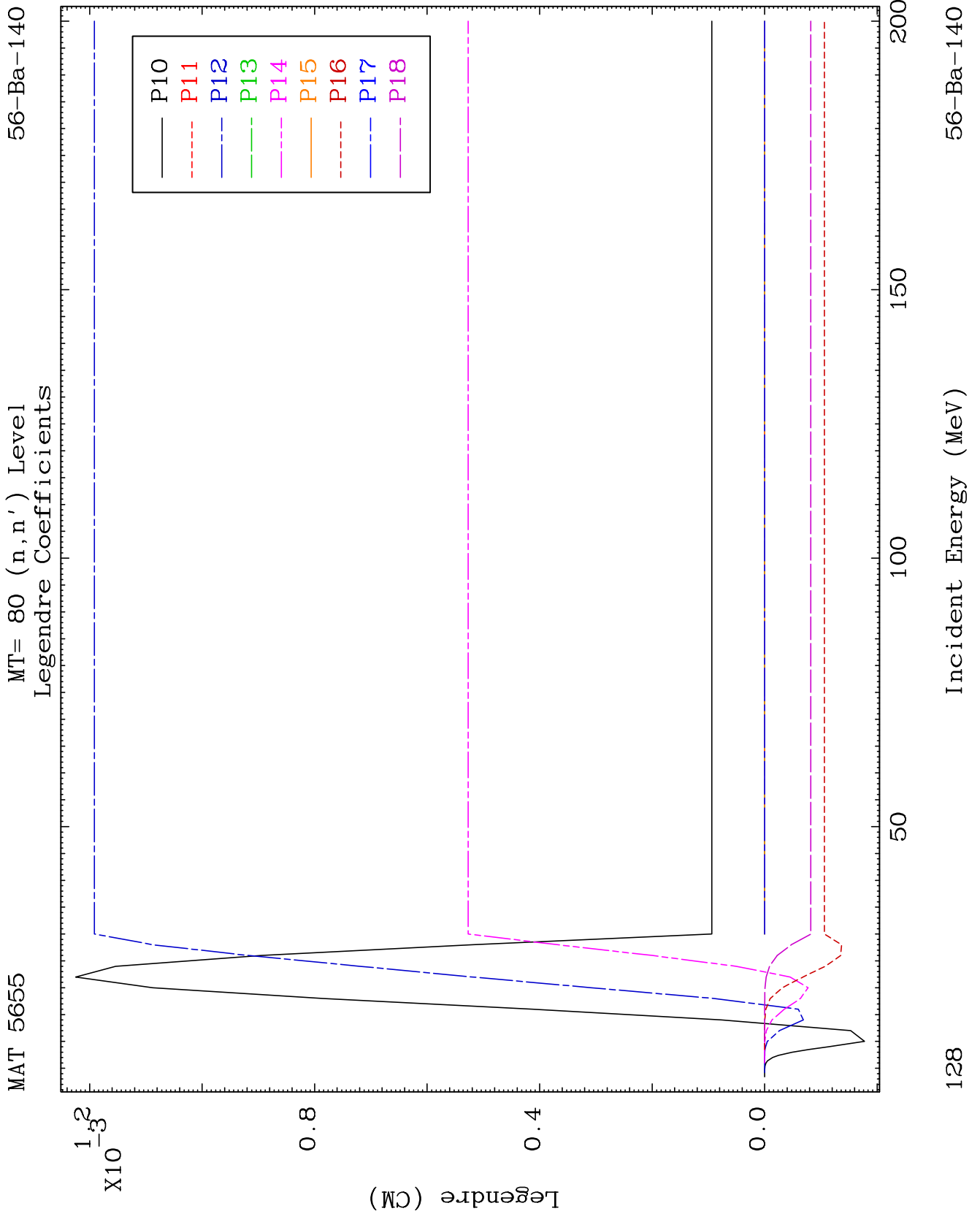
Incident Energy (MeV)

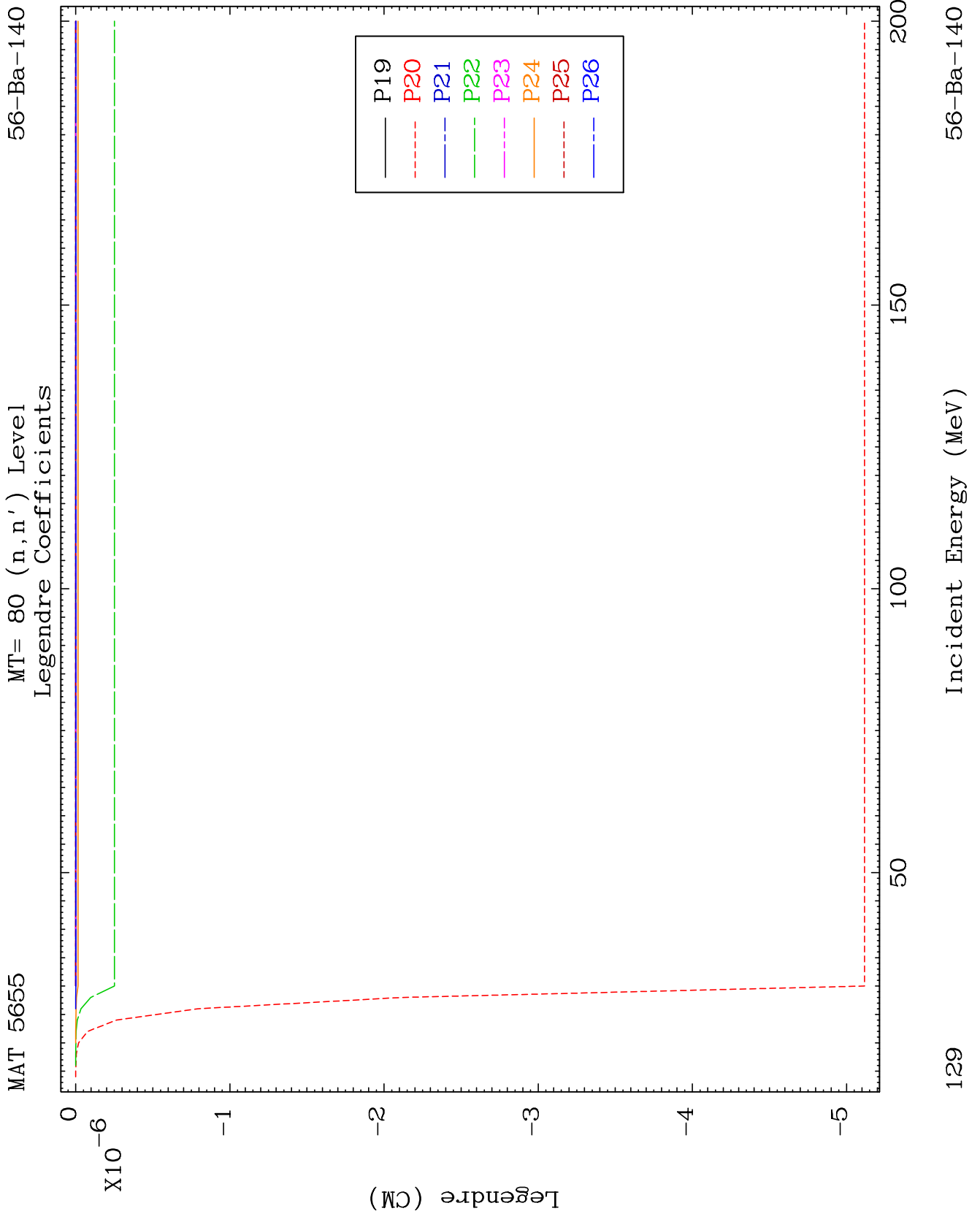
56-Ba-140









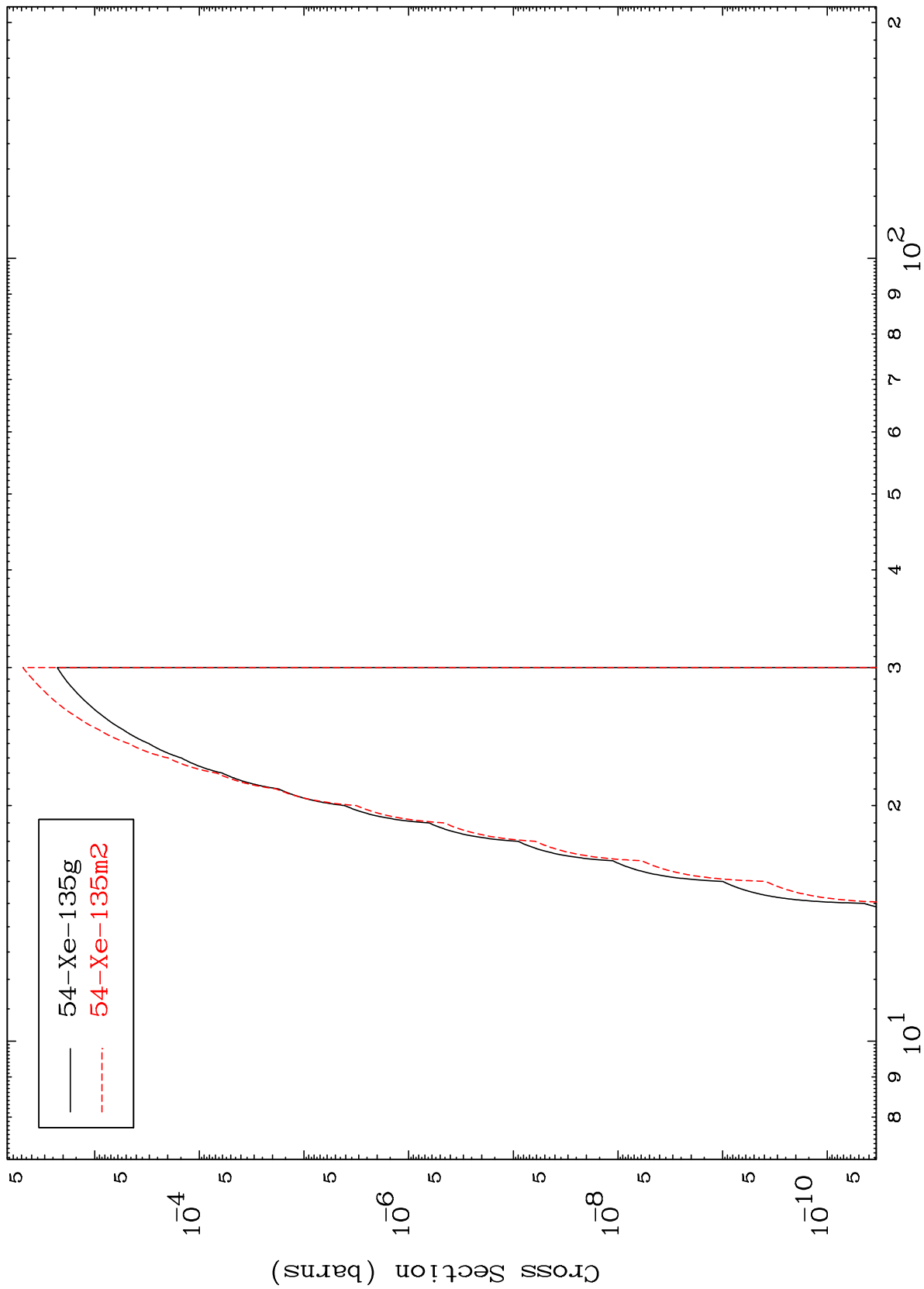


MAT 5655

(n,2n)  $\alpha$

56-Ba-140

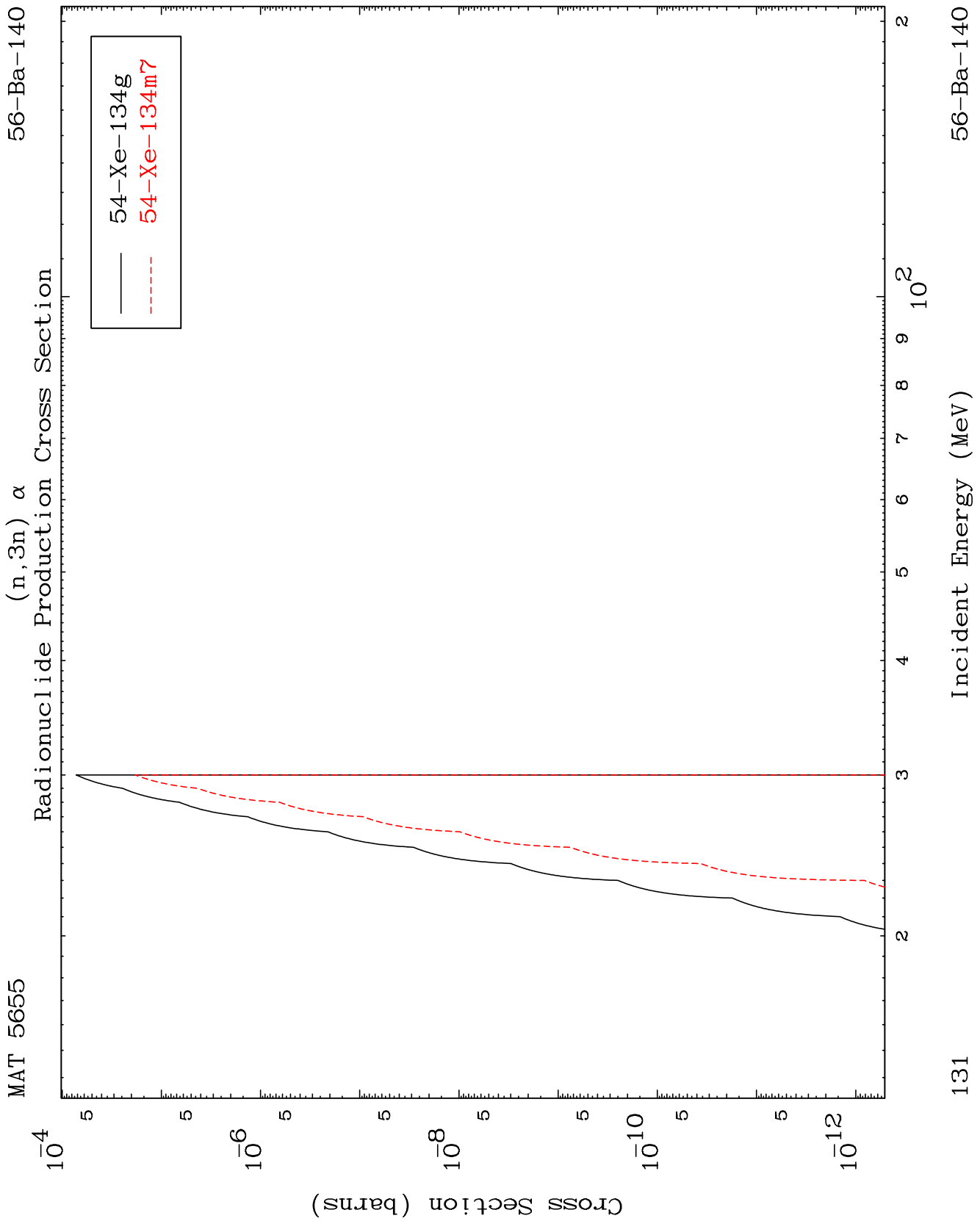
Radionuclide Production Cross Section



130

Incident Energy (MeV)

56-Ba-140

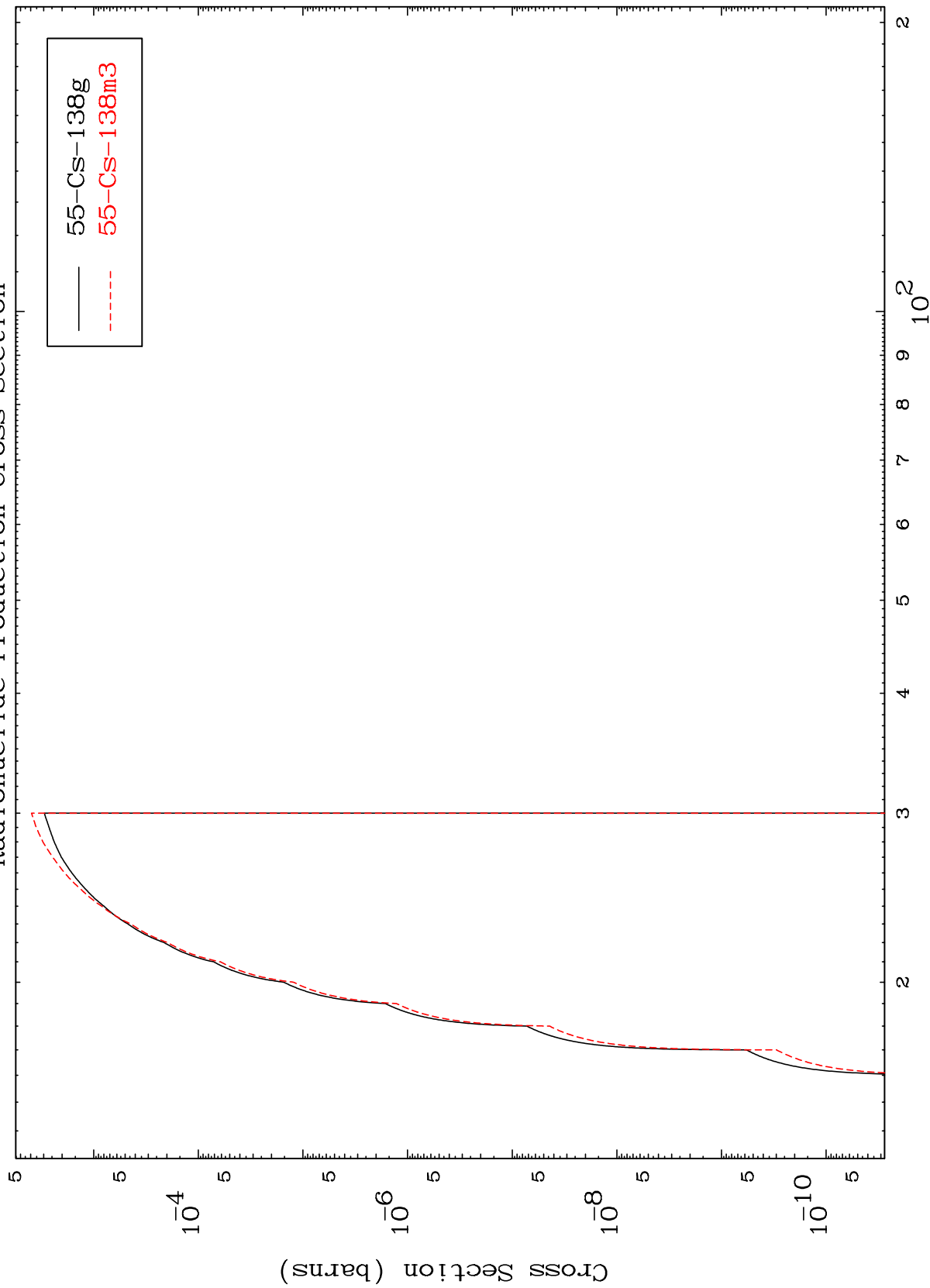


MAT 5655

(n,n') d

56-Ba-140

Radionuclide Production Cross Section



132

Incident Energy (MeV)

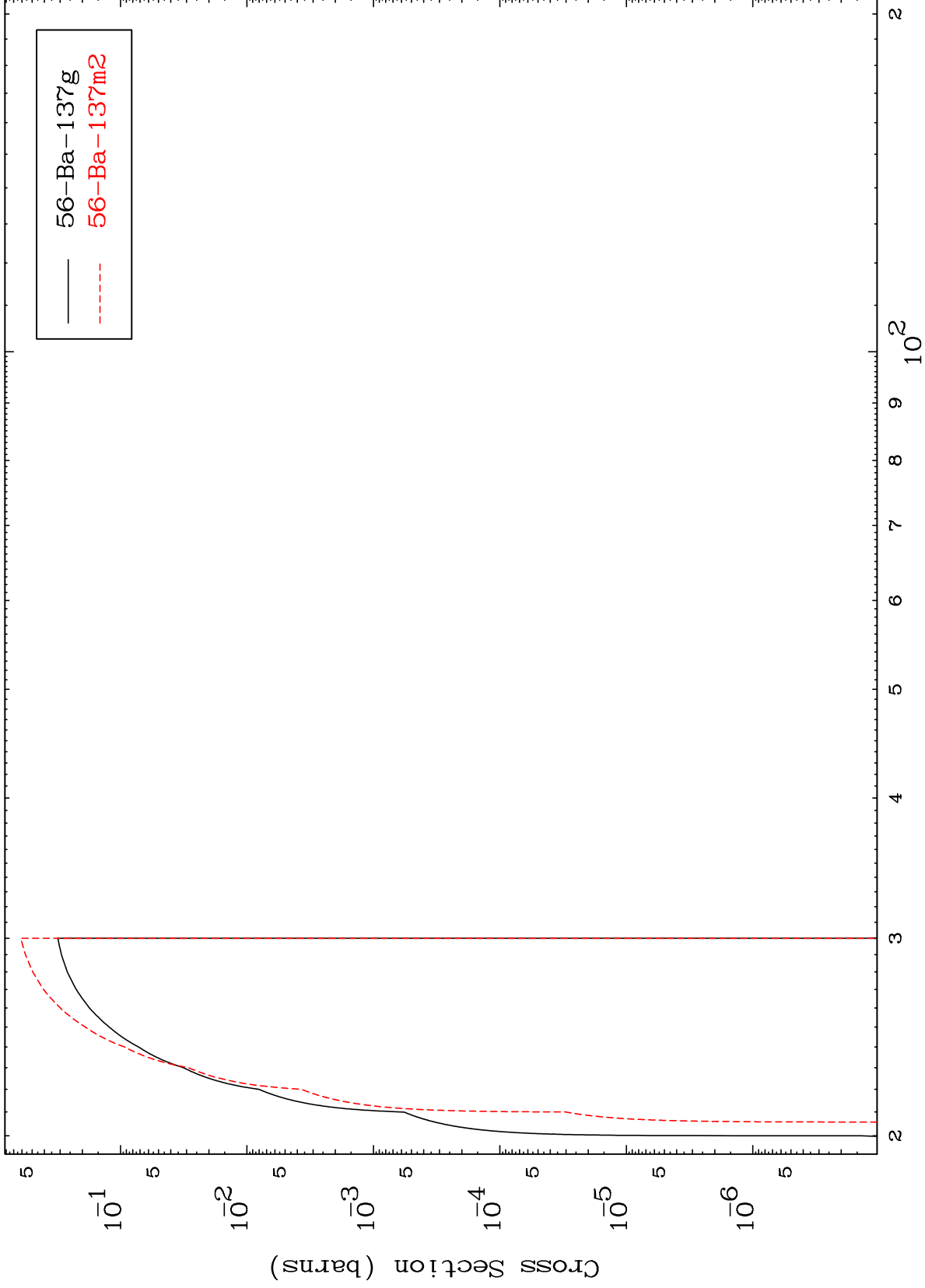
56-Ba-140

MAT 5655

(n,4n)

56-Ba-140

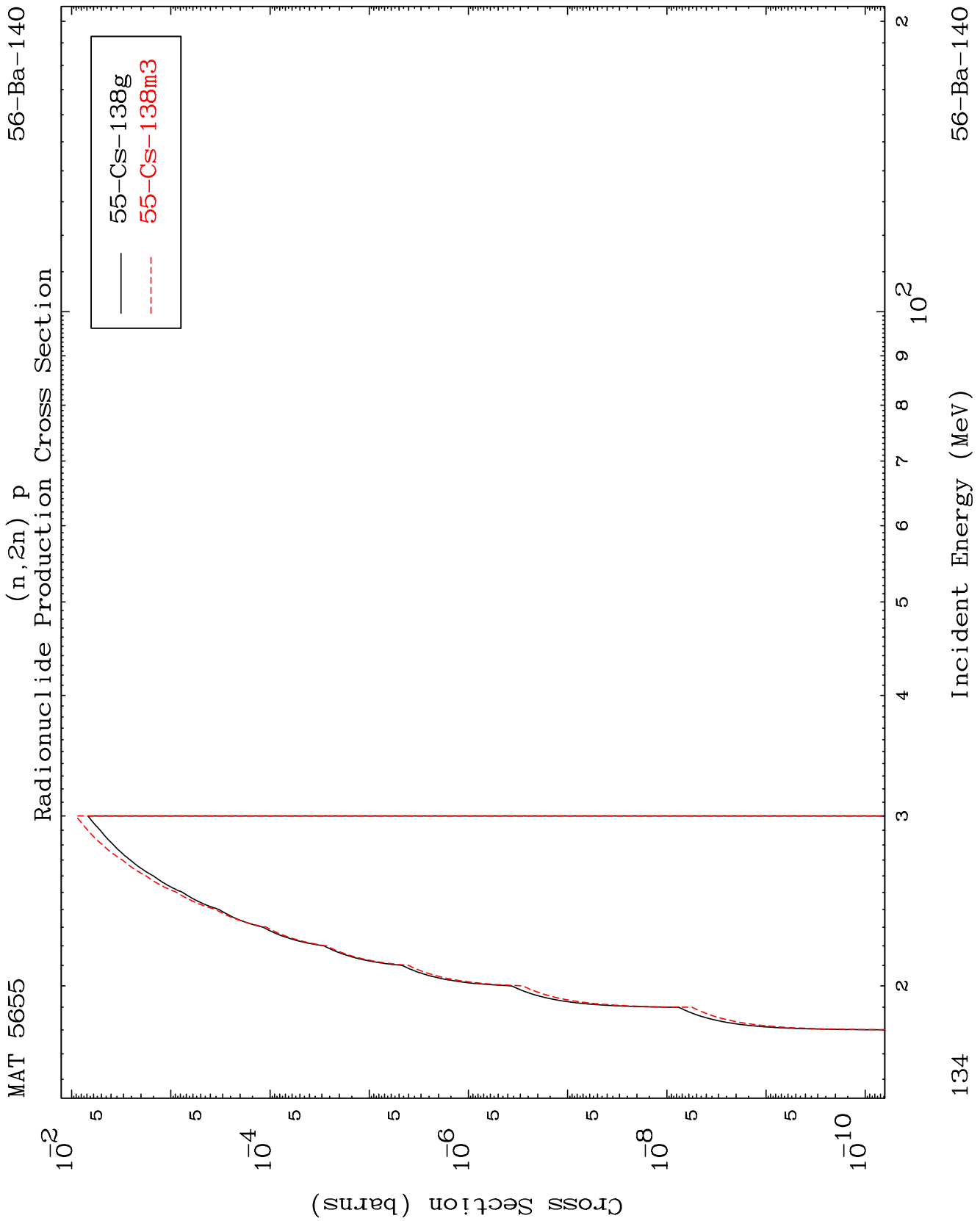
Radionuclide Production Cross Section



133

Incident Energy (MeV)

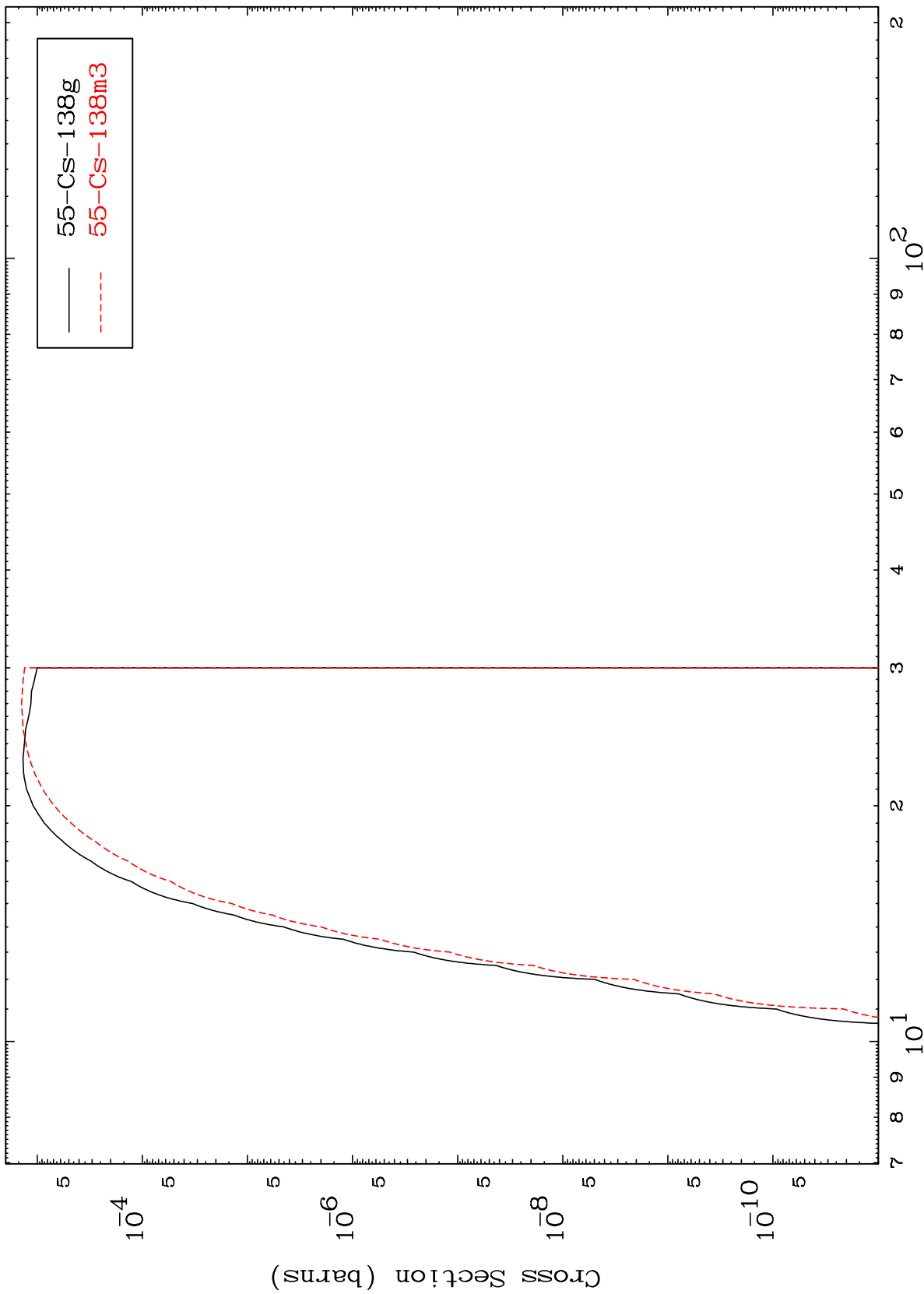
56-Ba-140



MAT 5655

56-Ba-140

(n,t)  
Radionuclide Production Cross Section



135

Incident Energy (MeV)

56-Ba-140

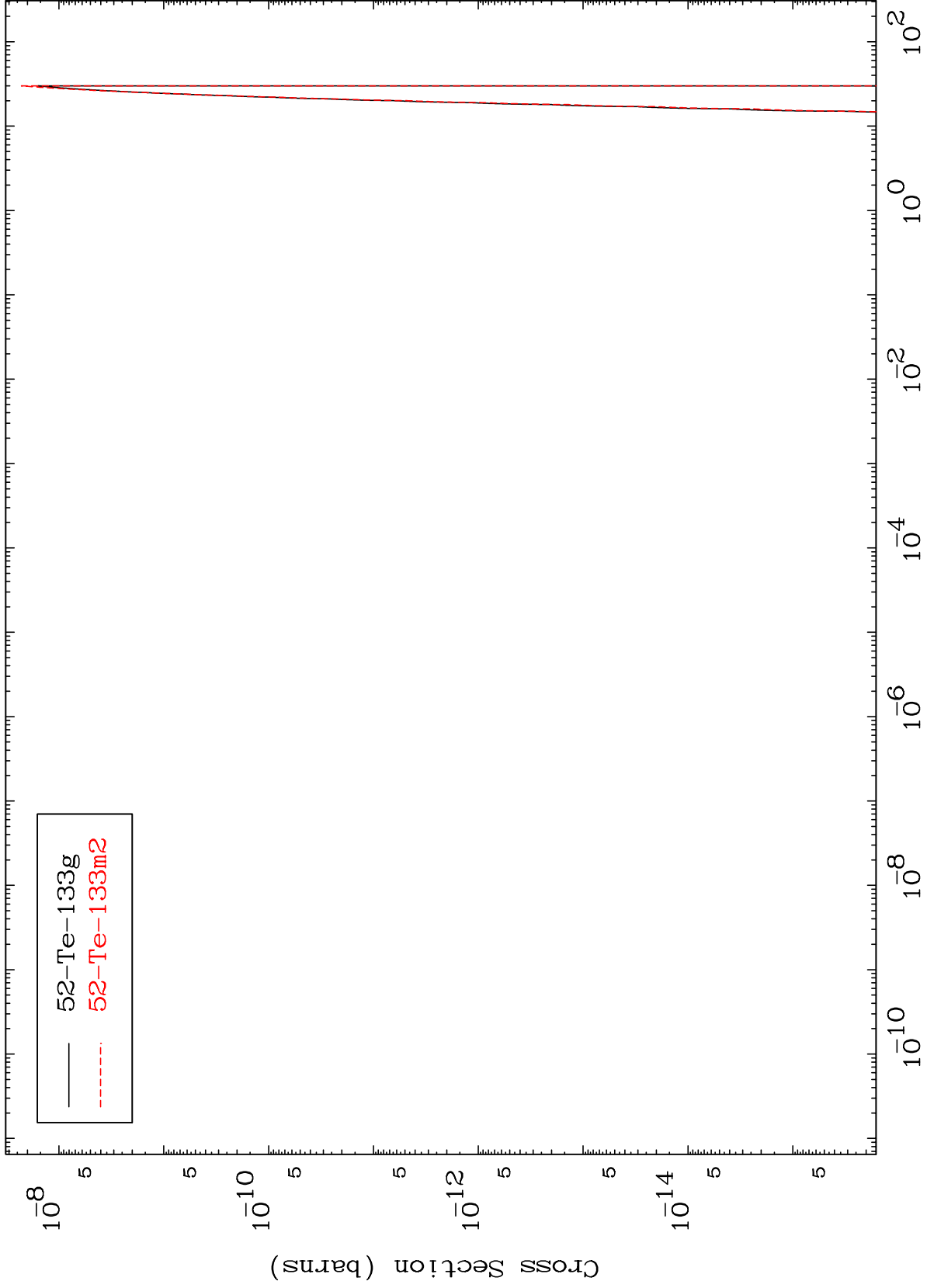


MAT 5655

(n,2α)

56-Ba-140

Radionuclide Production Cross Section



136

Incident Energy (MeV)

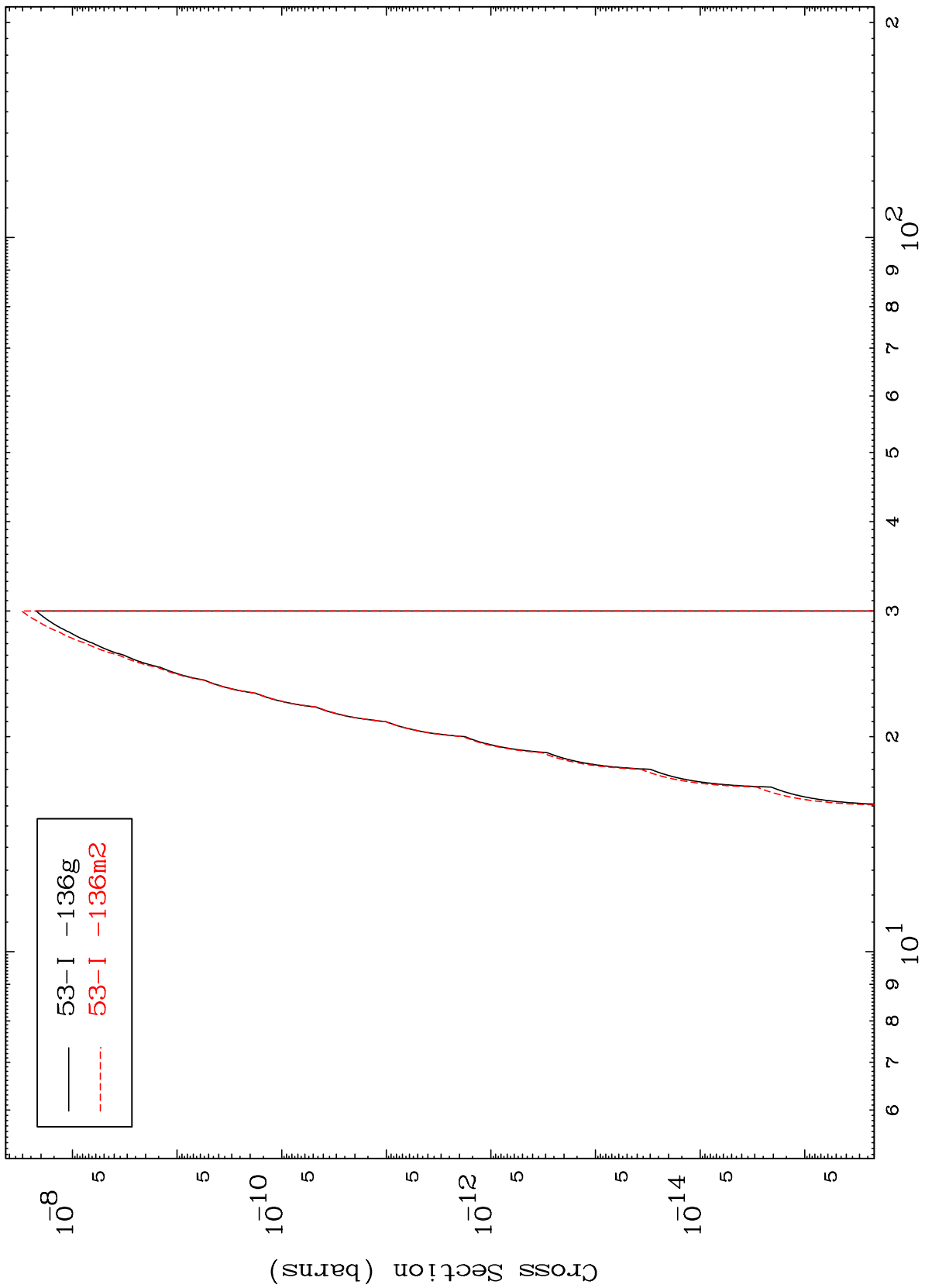
56-Ba-140

MAT 5655

(n,p)  $\alpha$

56-Ba-140

Radionuclide Production Cross Section



53-I -136g  
53-I -136m2

137

Incident Energy (MeV)

56-Ba-140