

Program EVALPLOT  
(Version 2021-1)

by

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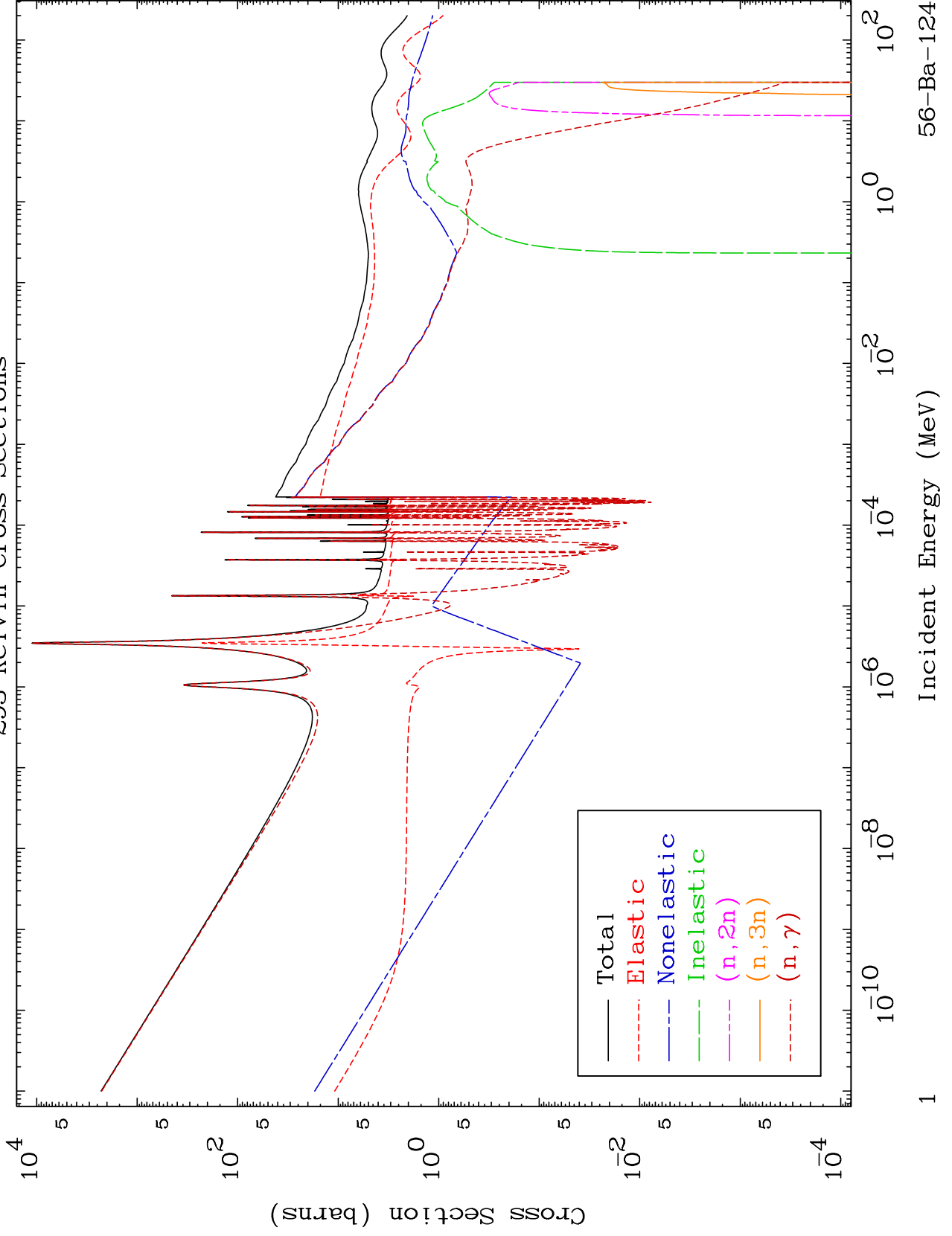
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Press Mouse Button to Start

MAT 5607

Neutron Major  
293 Kelvin Cross Sections

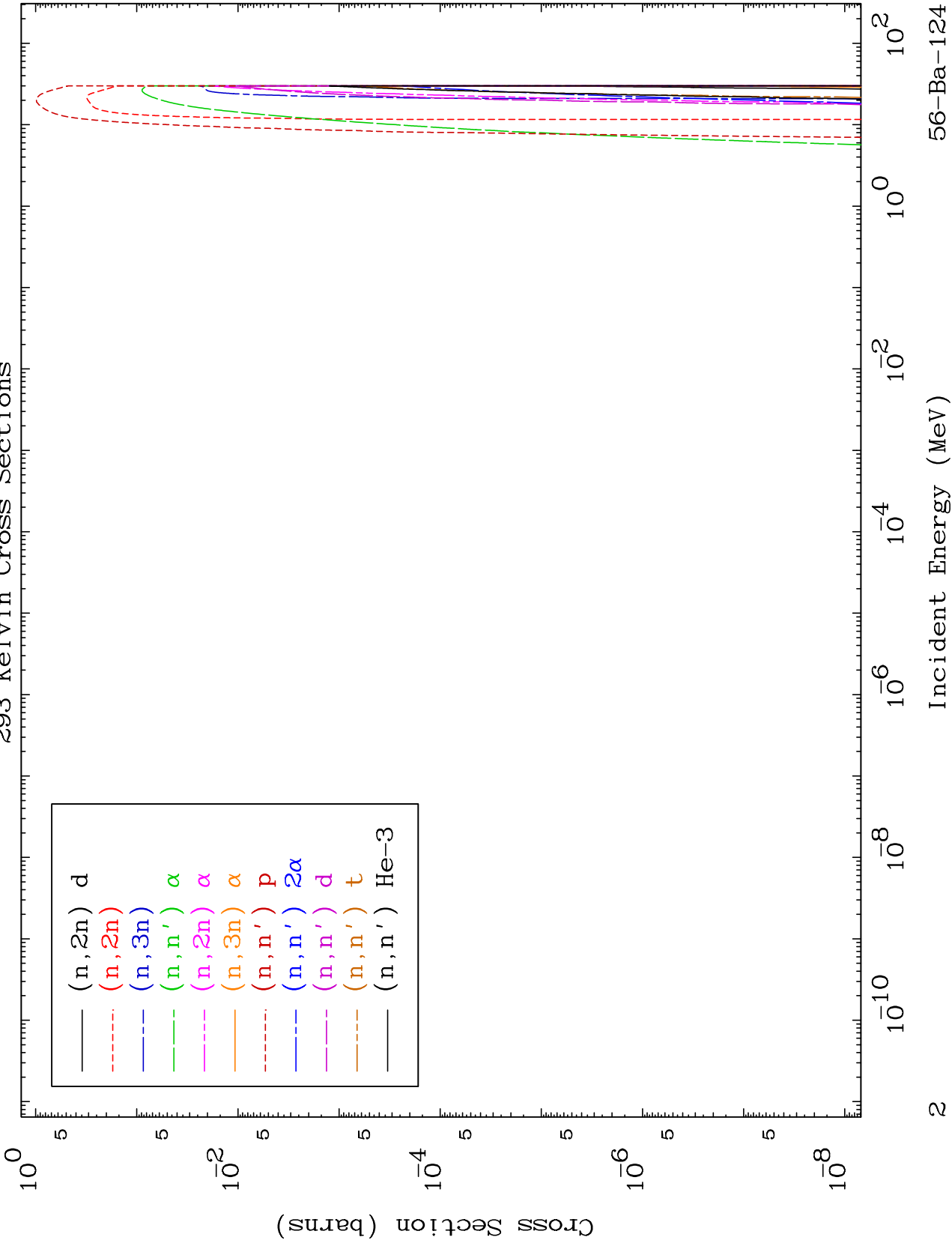
56-Ba-124



MAT 5607

Neutron Absorption  
293 Kelvin Cross Sections

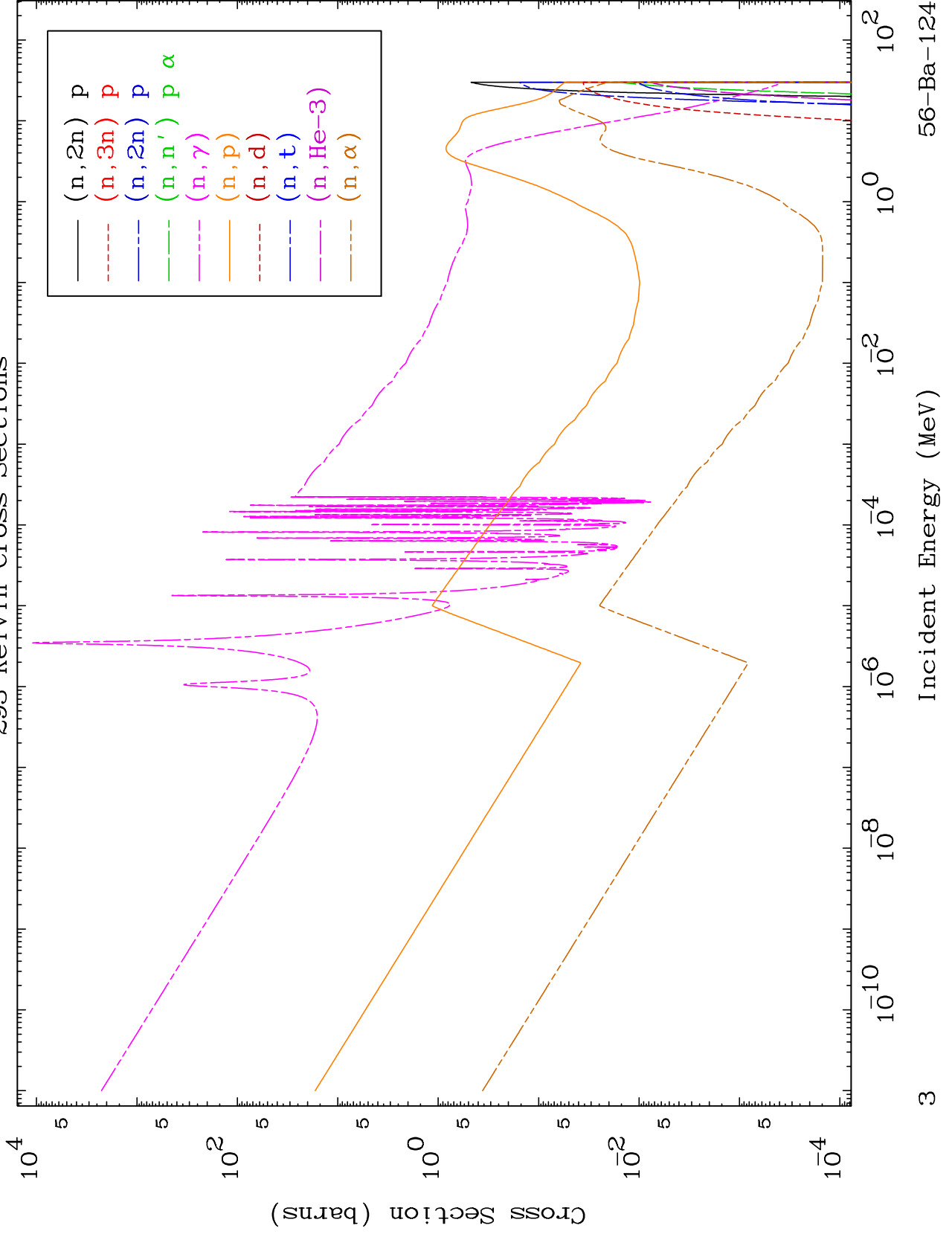
56-Ba-124



MAT 5607

Neutron Absorption  
293 Kelvin Cross Sections

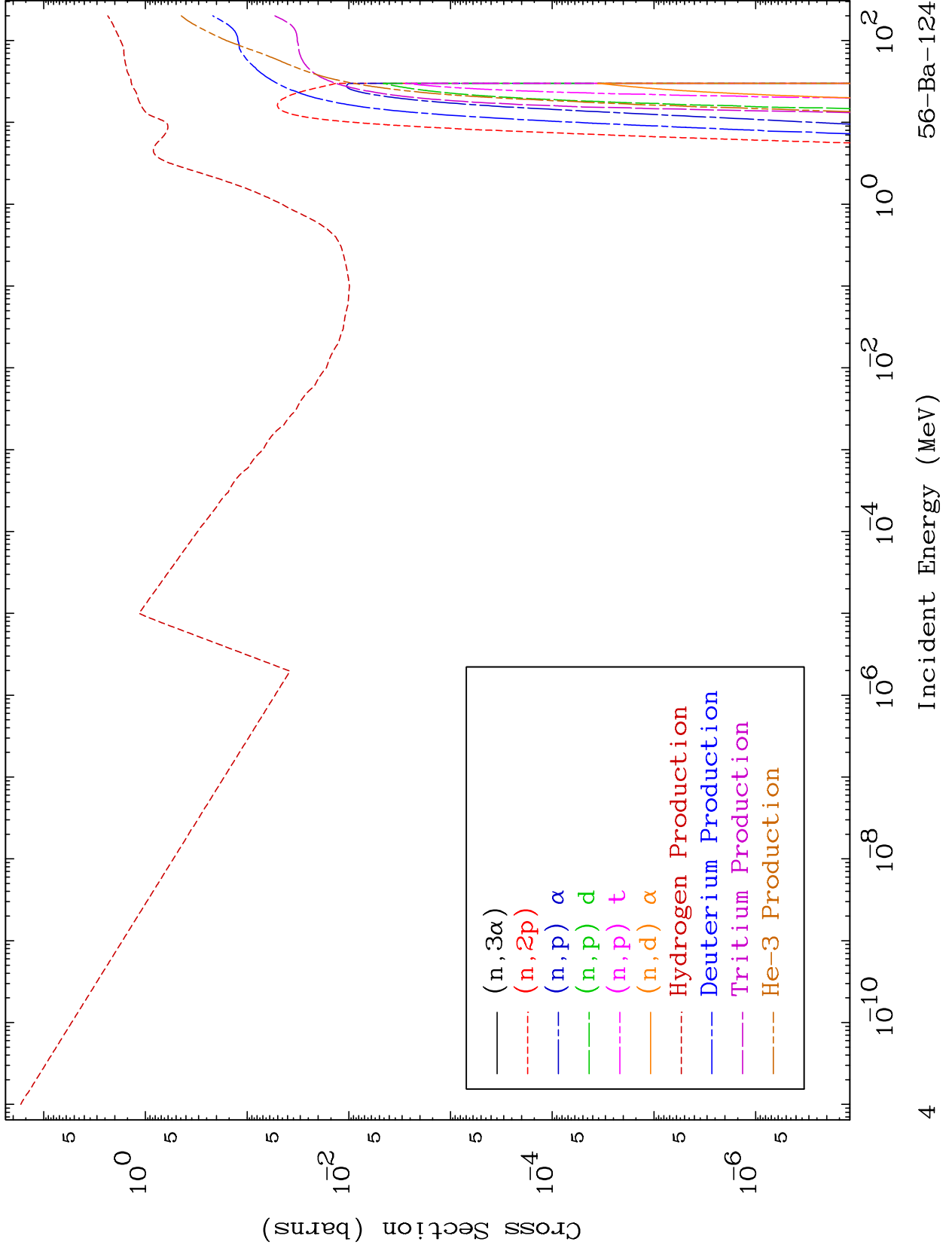
56-Ba-124



MAT 5607

Neutron Absorption  
293 Kelvin Cross Sections

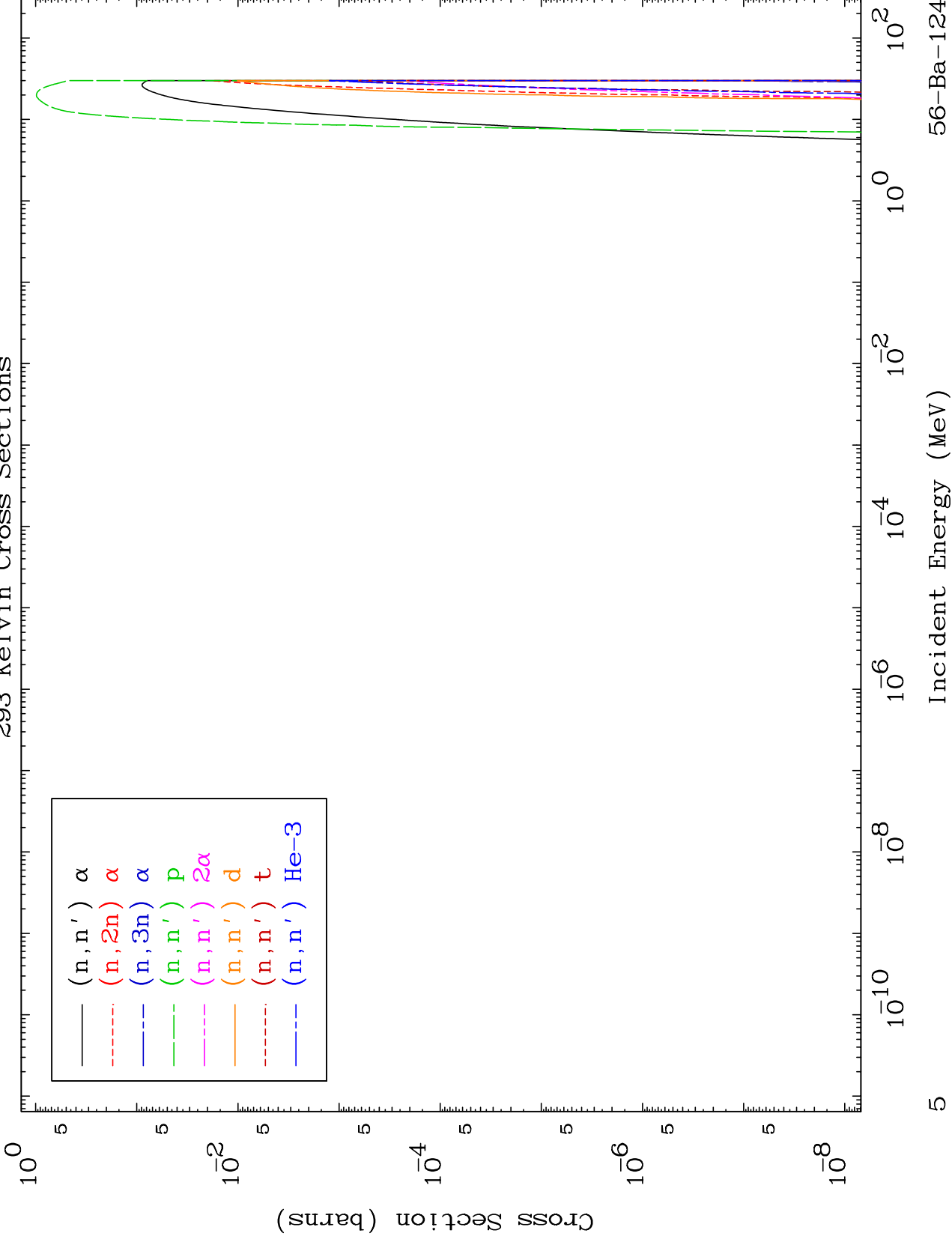
56-Ba-124



MAT 5607

Charged Particle  
293 Kelvin Cross Sections

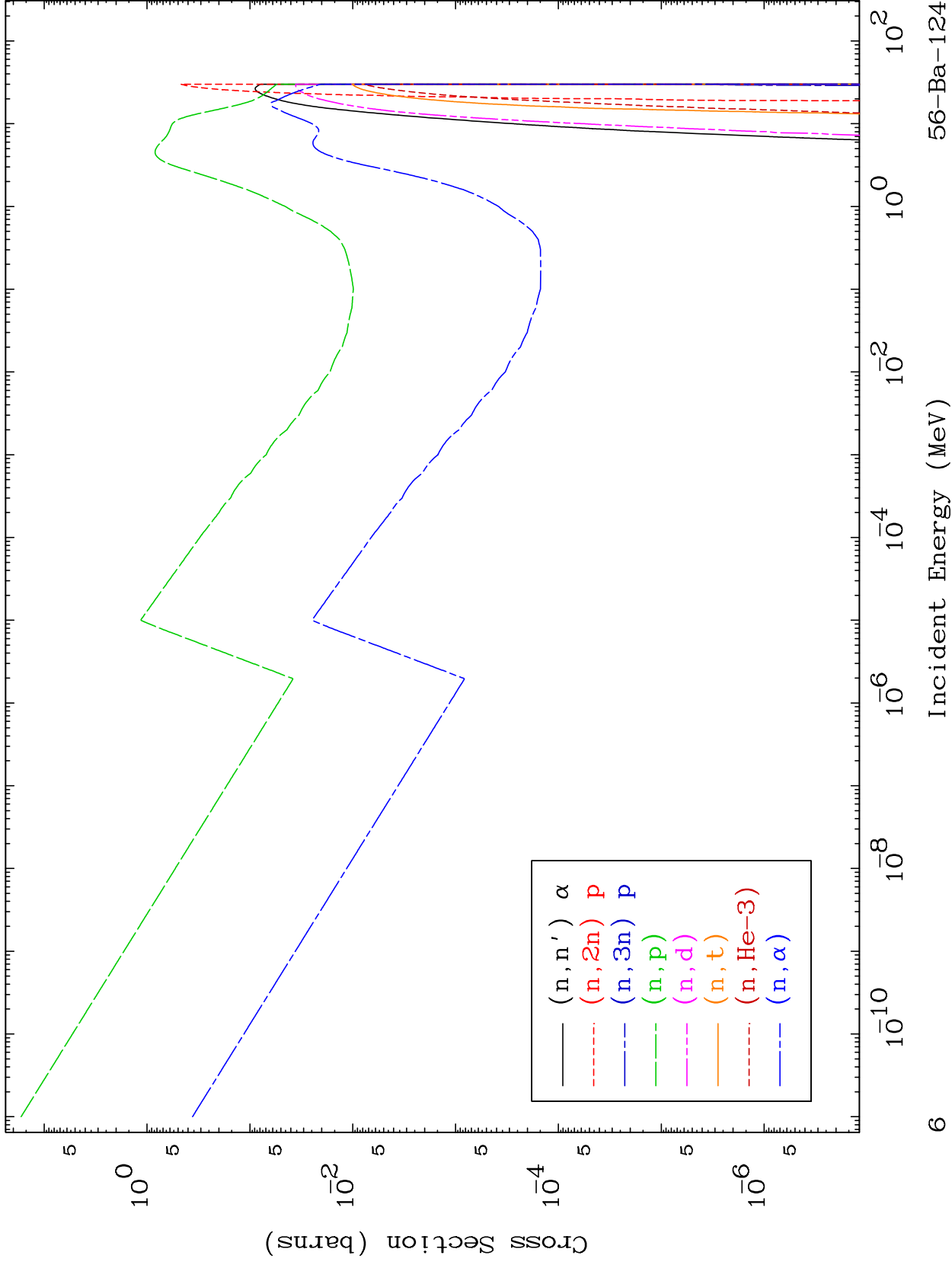
56-Ba-124



MAT 5607

Charged Particle  
293 Kelvin Cross Sections

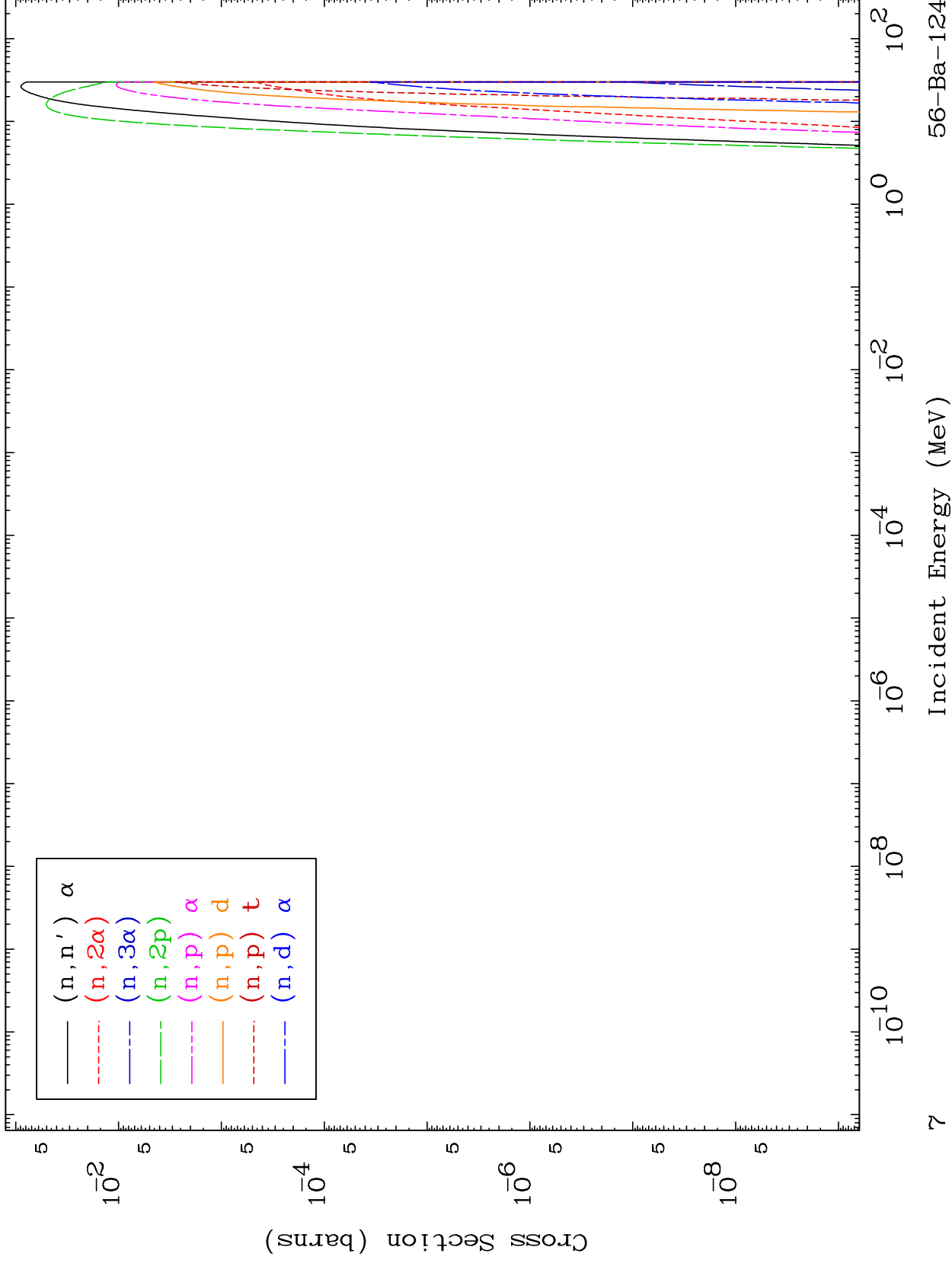
56-Ba-124



MAT 5607

Charged Particle  
293 Kelvin Cross Sections

56-Ba-124

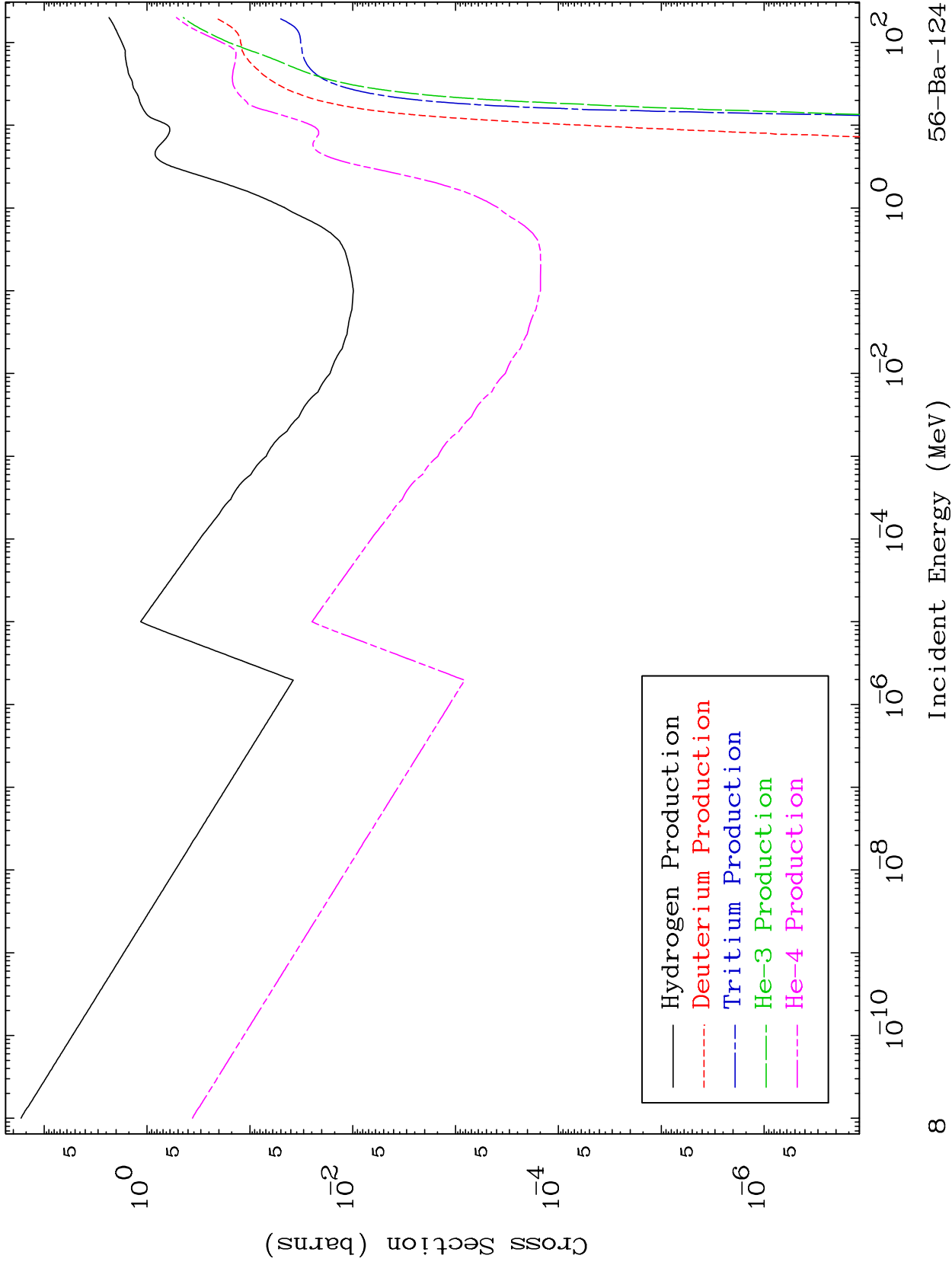




MAT 5607

Particle Production  
293 Kelvin Cross Sections

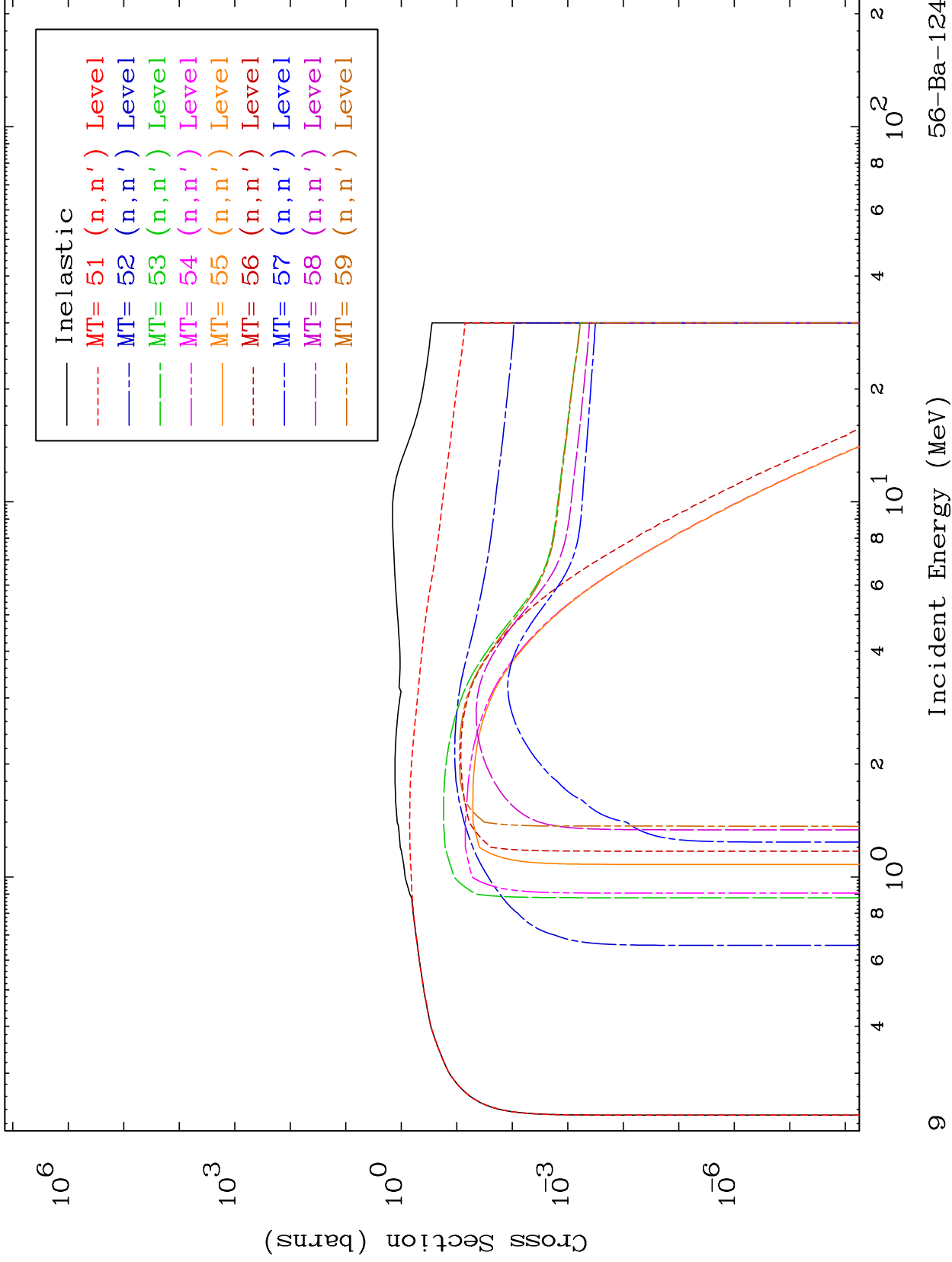
56-Ba-124



MAT 5607

(n,n') Levels  
293 Kelvin Cross Sections

56-Ba-124

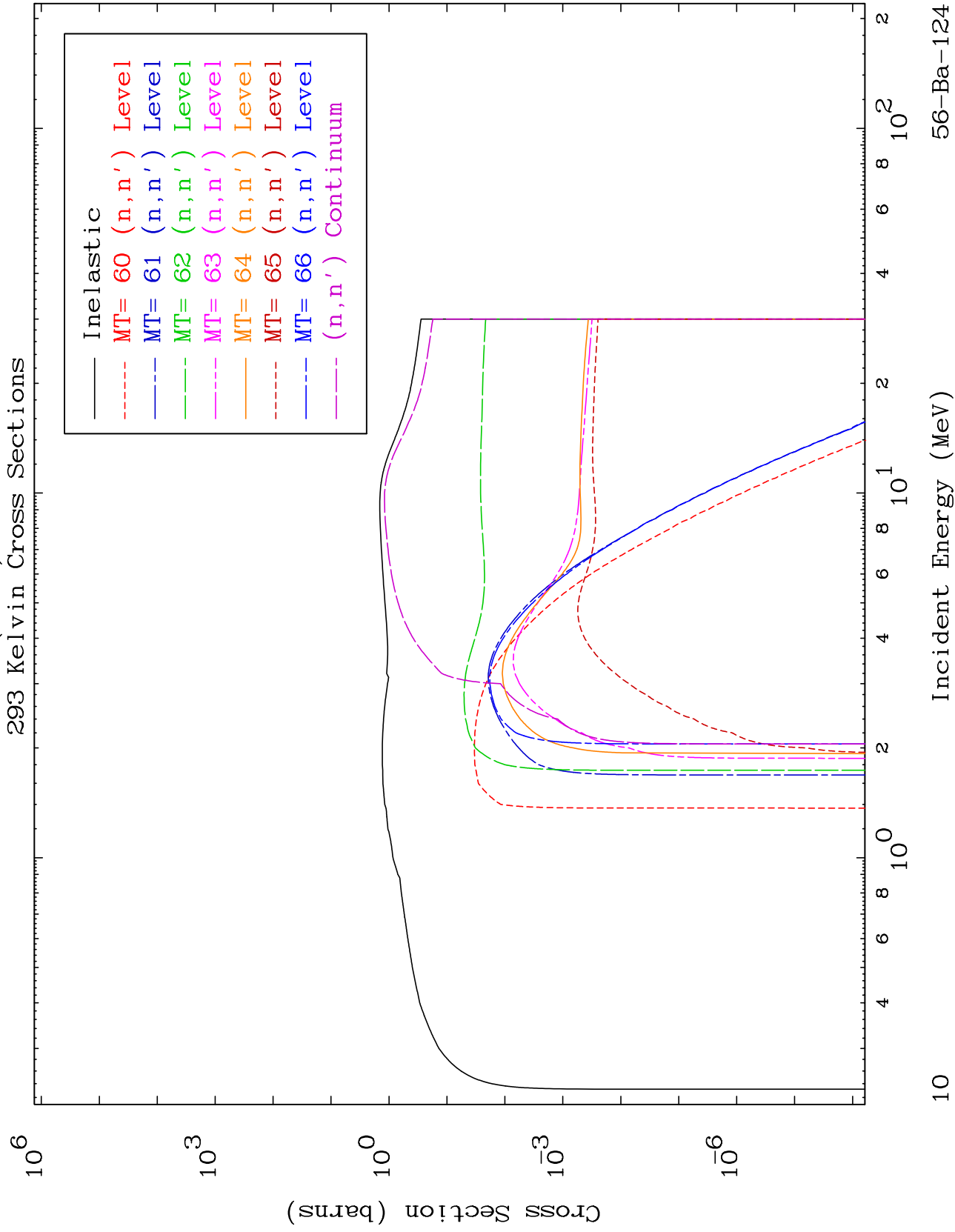


MAT 5607

(n,n') Levels

293 Kelvin Cross Sections

56-Ba-124

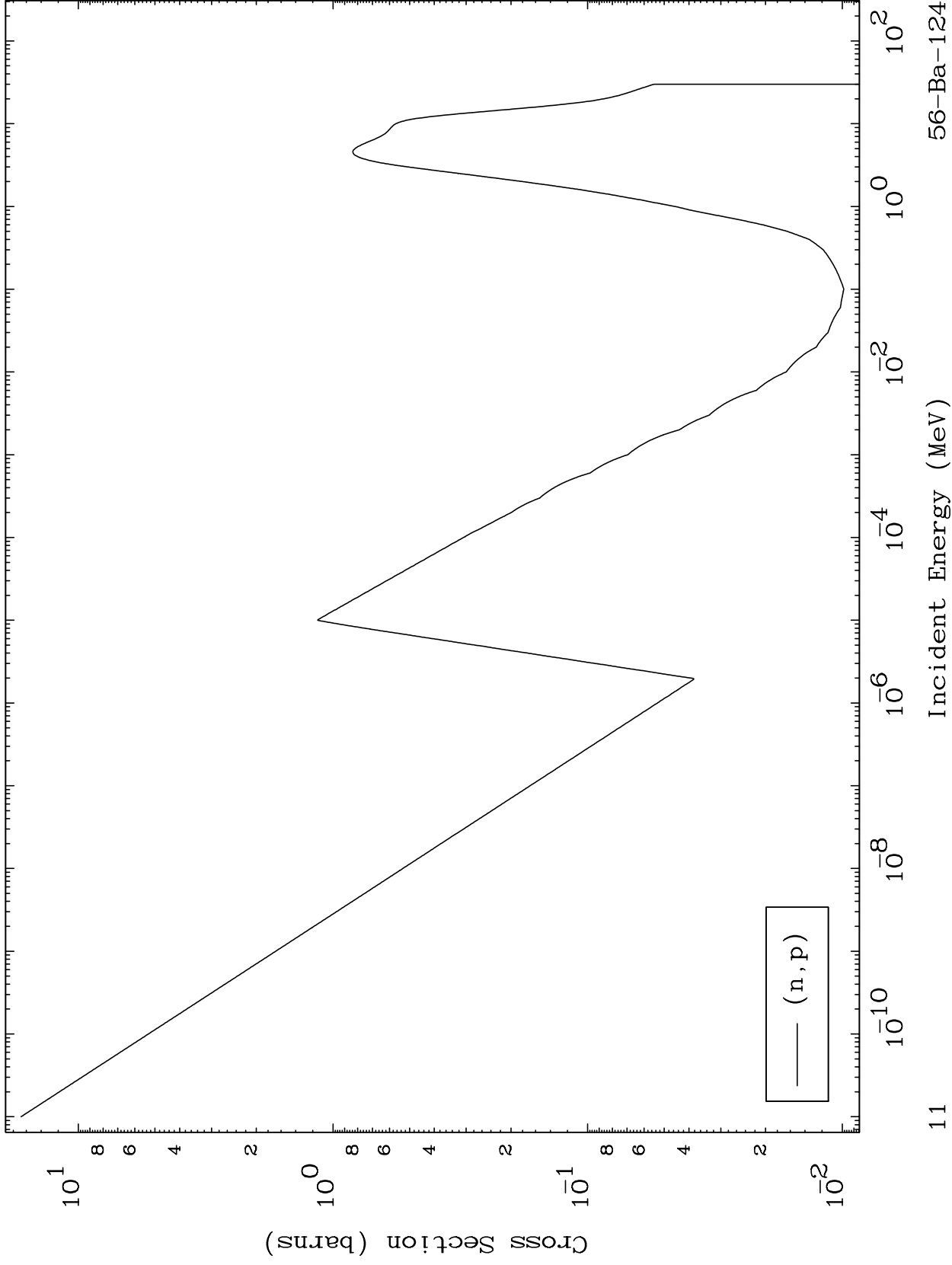


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MAT 5607

(n,p) Levels  
293 Kelvin Cross Sections

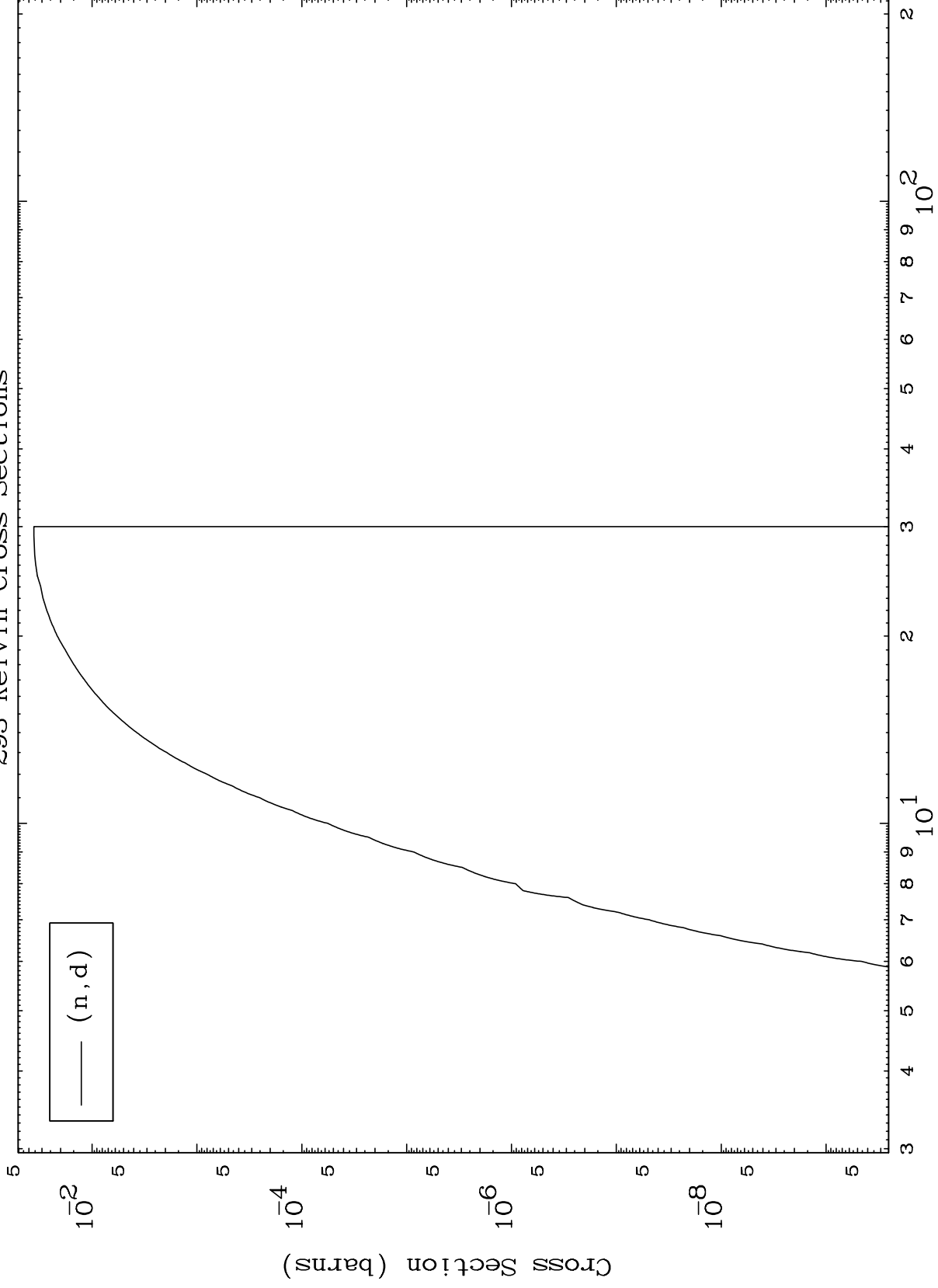
56-Ba-124



MAT 5607

(n,d) Levels  
293 Kelvin Cross Sections

56-Ba-124



(n,d)

12

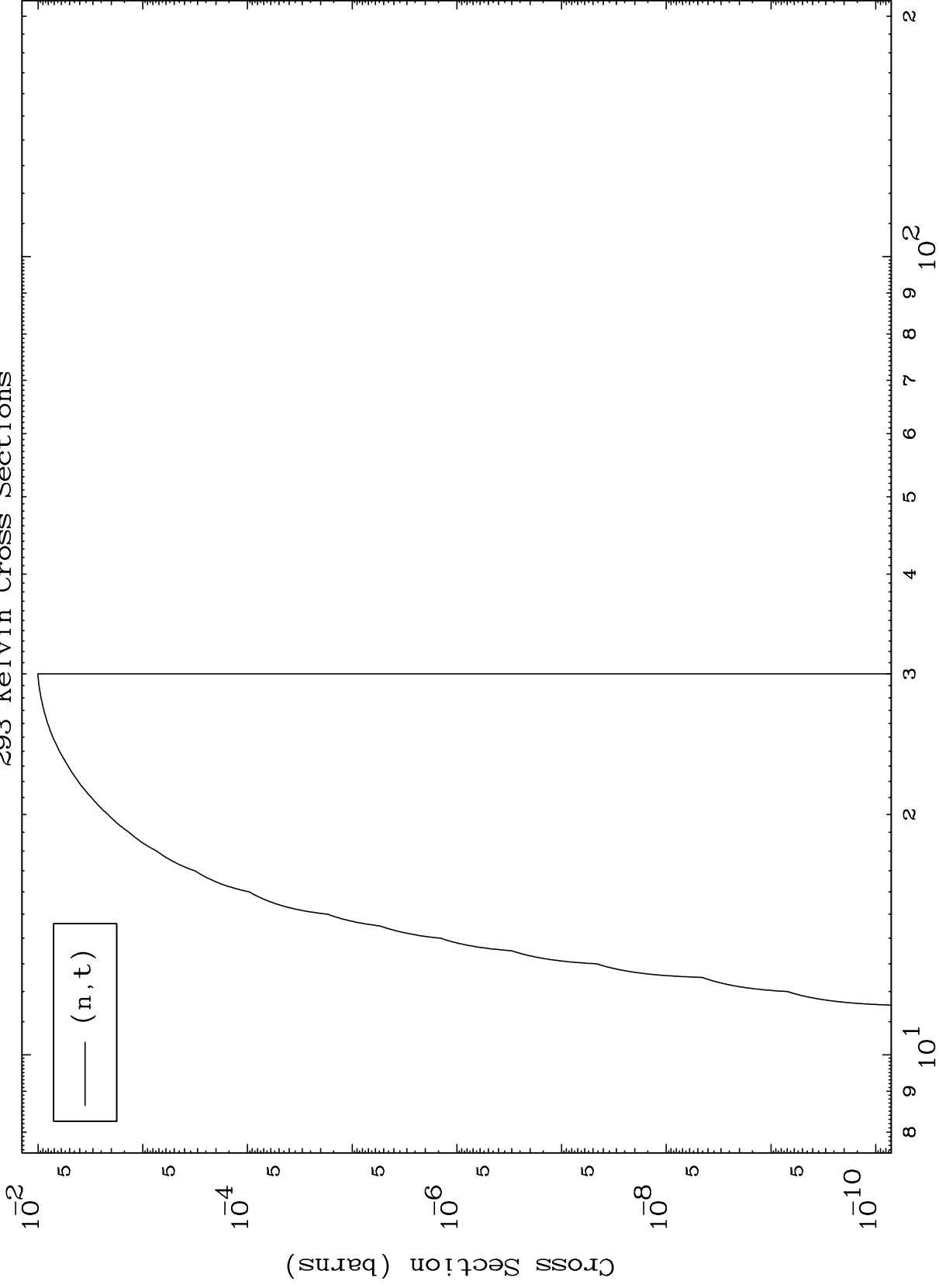
Incident Energy (MeV)

56-Ba-124

MAT 5607

(n,t) Levels  
293 Kelvin Cross Sections

56-Ba-124



13

Incident Energy (MeV)

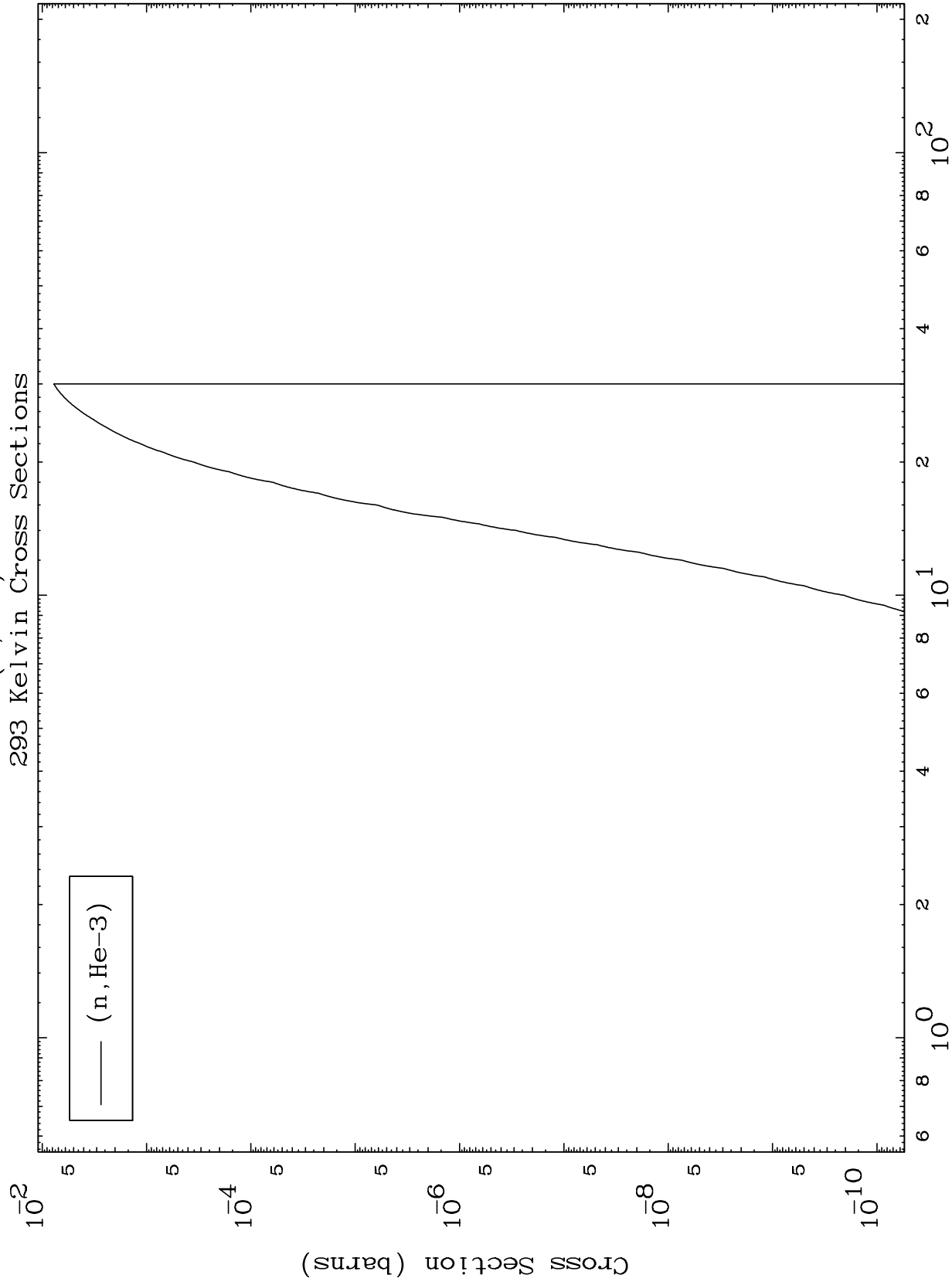
56-Ba-124

MAT 5607

(n,He3) Levels

56-Ba-124

293 Kelvin Cross Sections



14

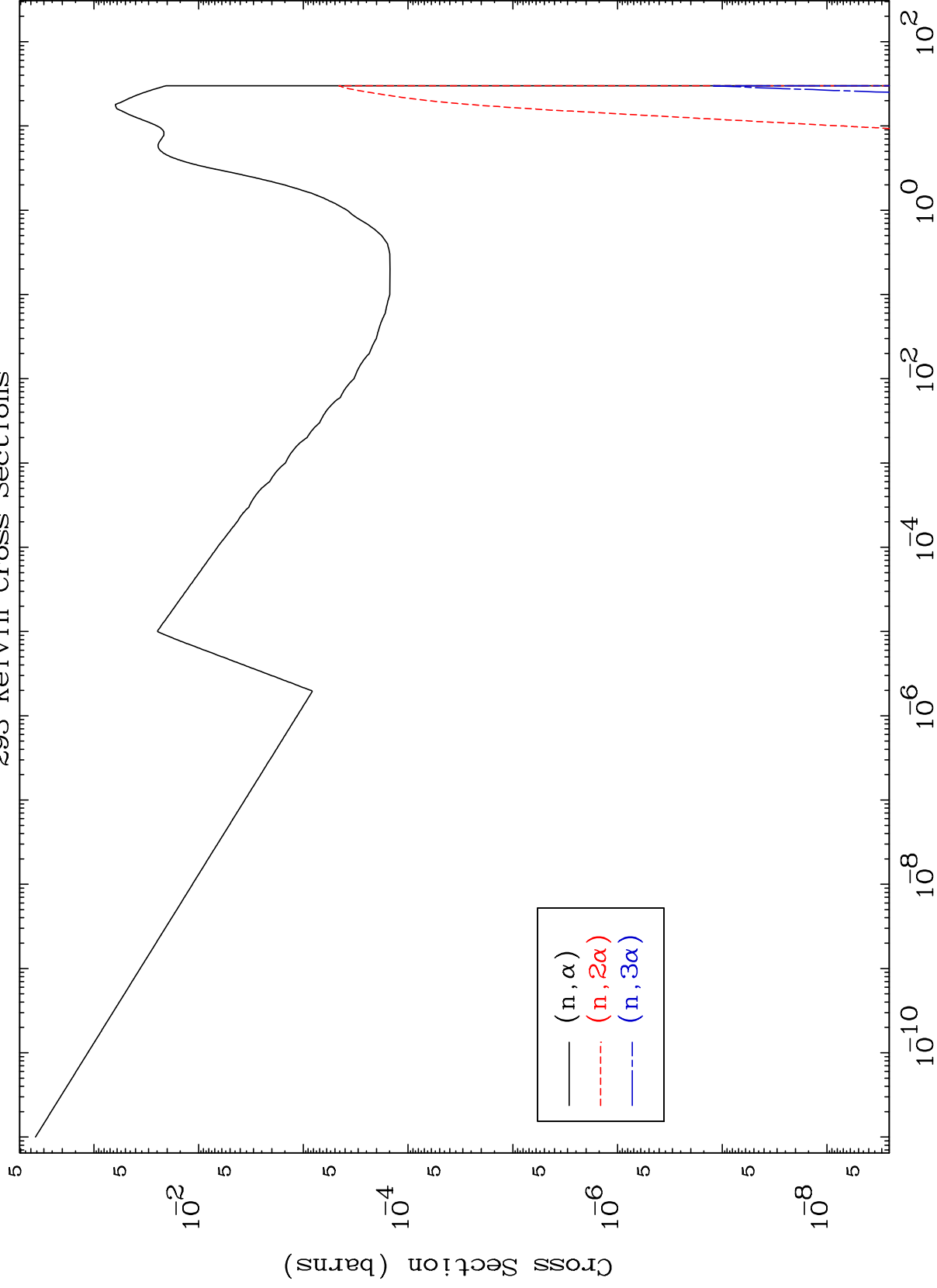
Incident Energy (MeV)

56-Ba-124

MAT 5607

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

56-Ba-124



15

Incident Energy (MeV)

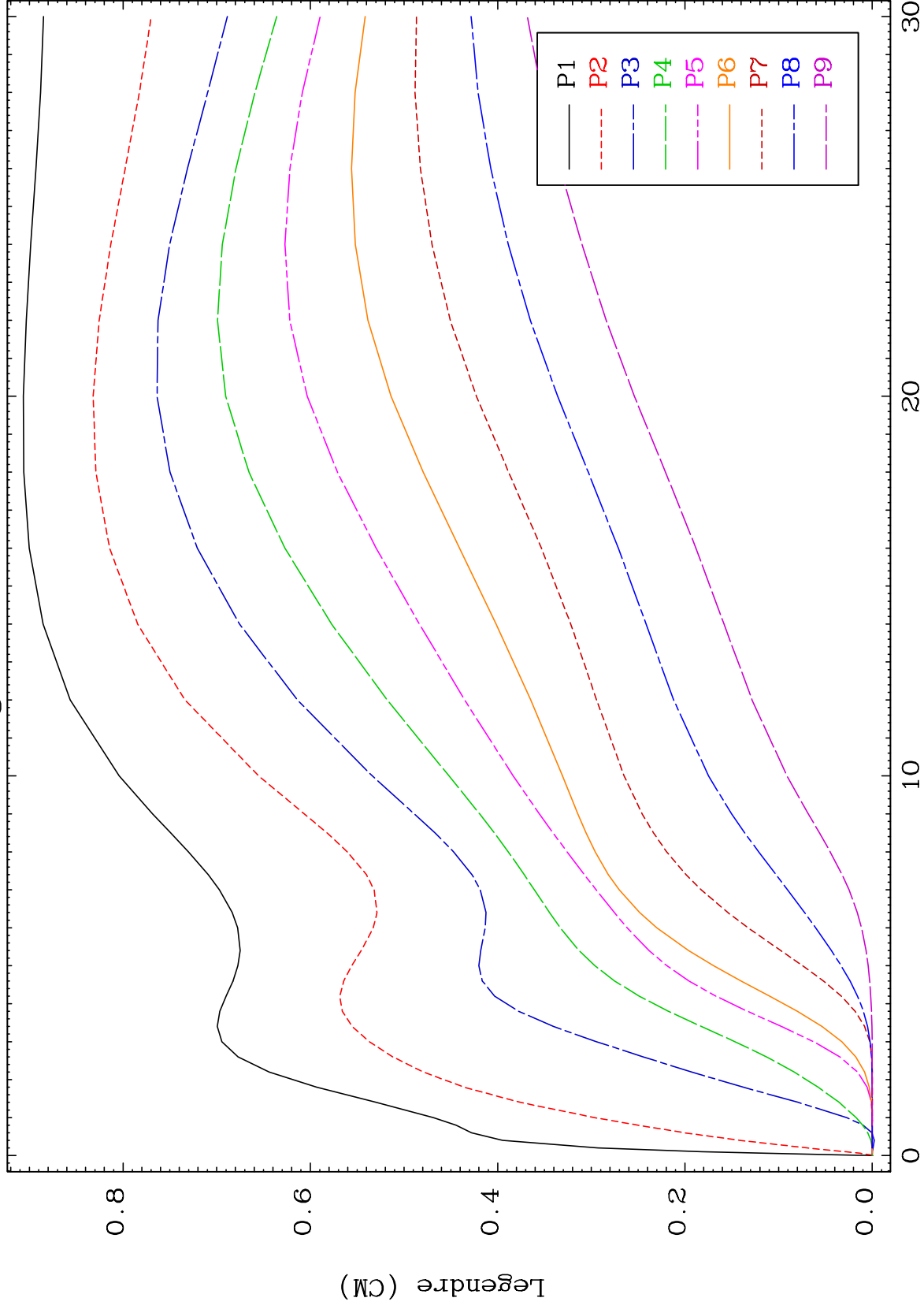
56-Ba-124



MAT 5607

Elastic Legendre Coefficients

56-Ba-124



16

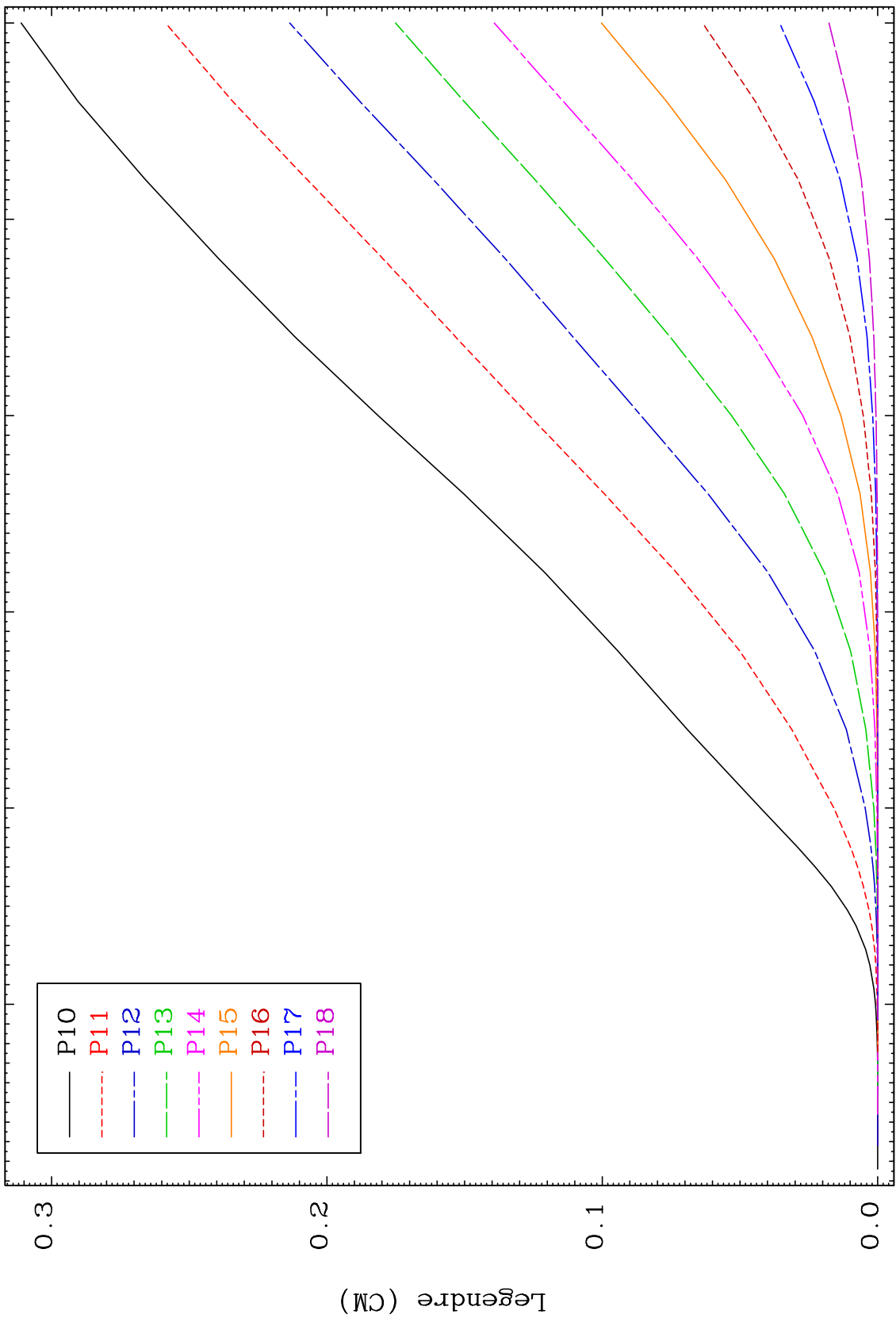
Incident Energy (MeV)

56-Ba-124

MAT 5607

Elastic Legendre Coefficients

56-Ba-124



17

Incident Energy (MeV)

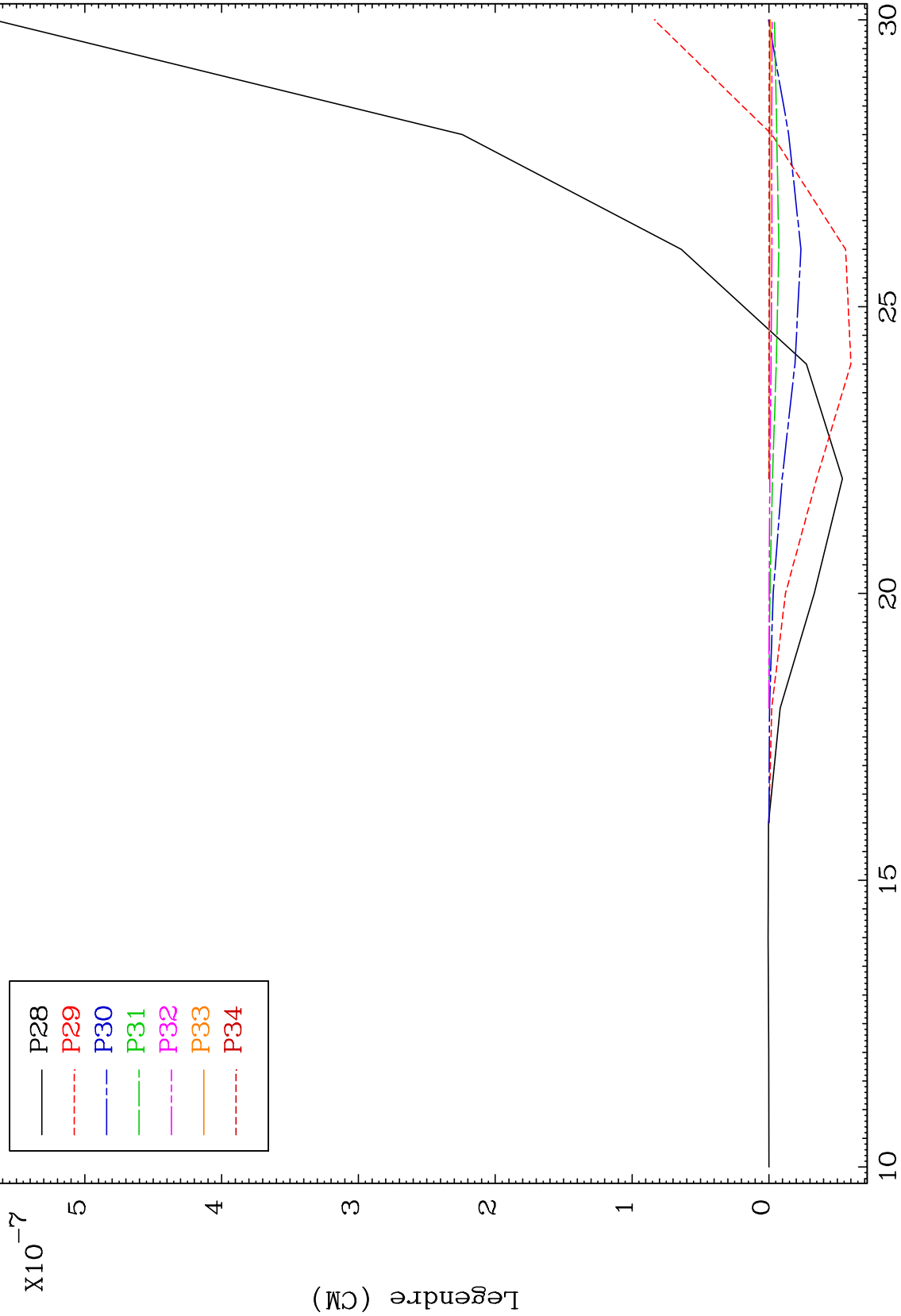
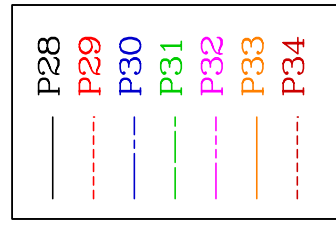
56-Ba-124



MAT 5607

Elastic Legendre Coefficients

56-Ba-124



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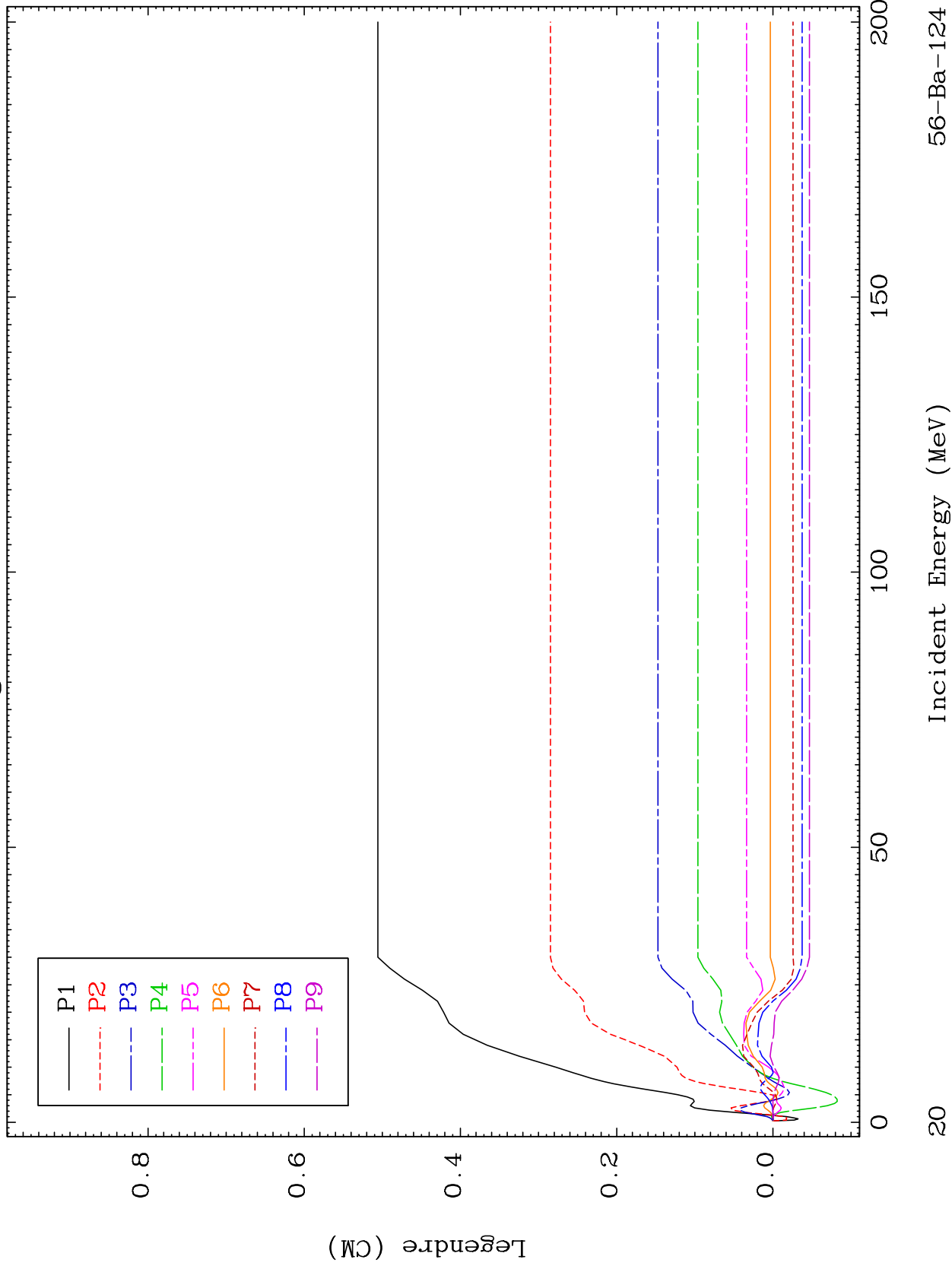
Incident Energy (MeV)

56-Ba-124

MAT 5607

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

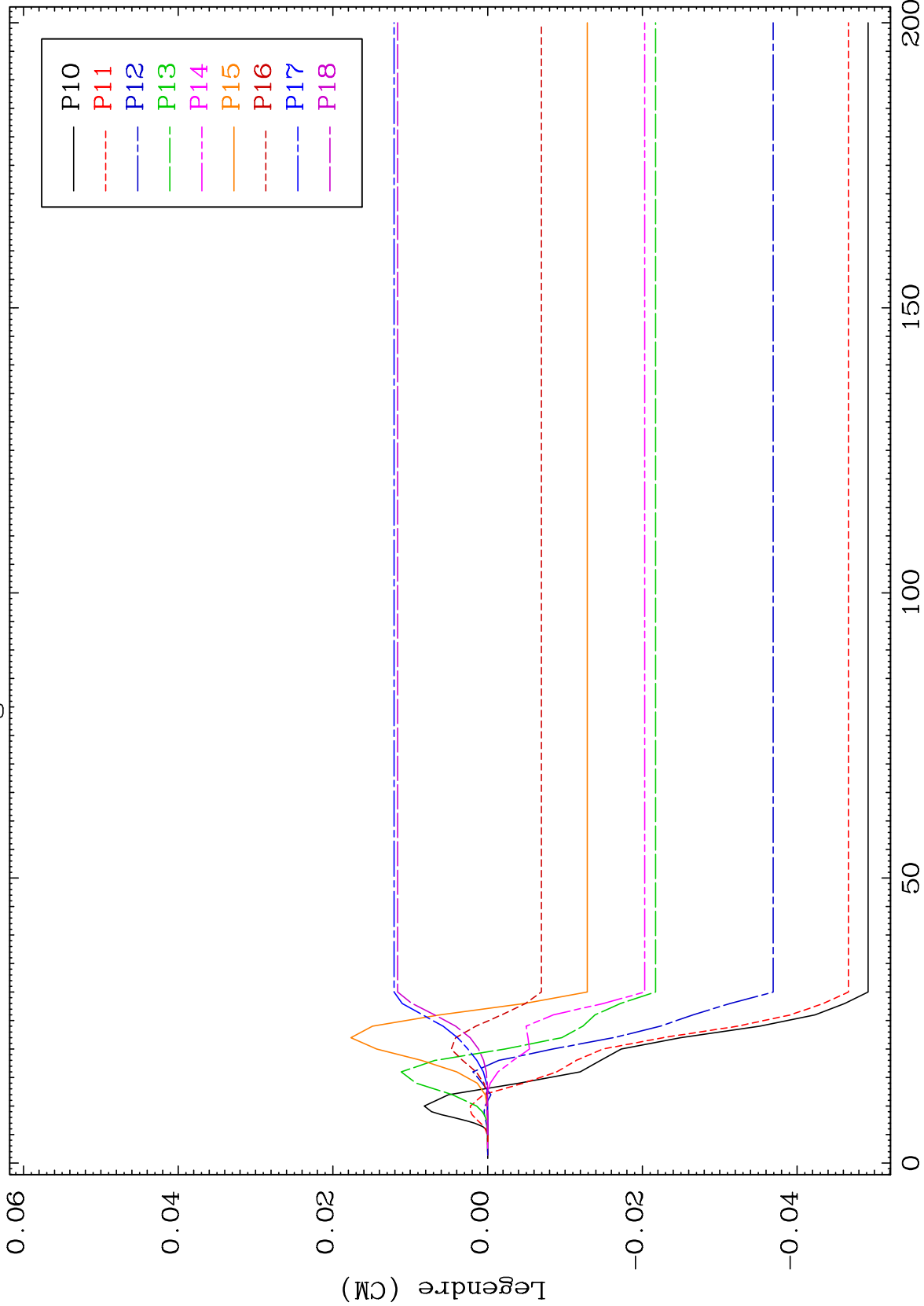
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MAT 5607

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

56-Ba-124



21

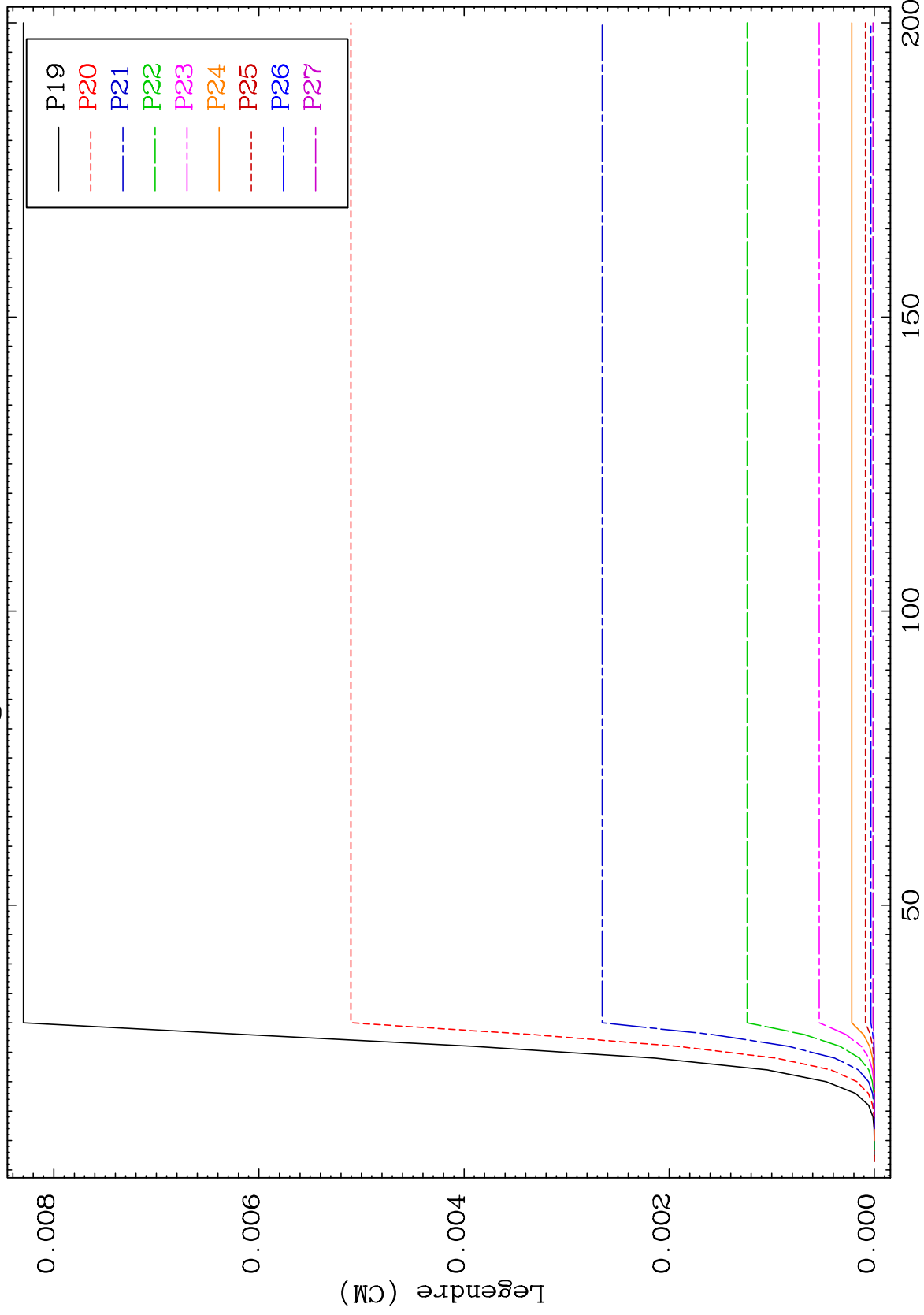
Incident Energy (MeV)

56-Ba-124

MAT 5607

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

56-Ba-124



22

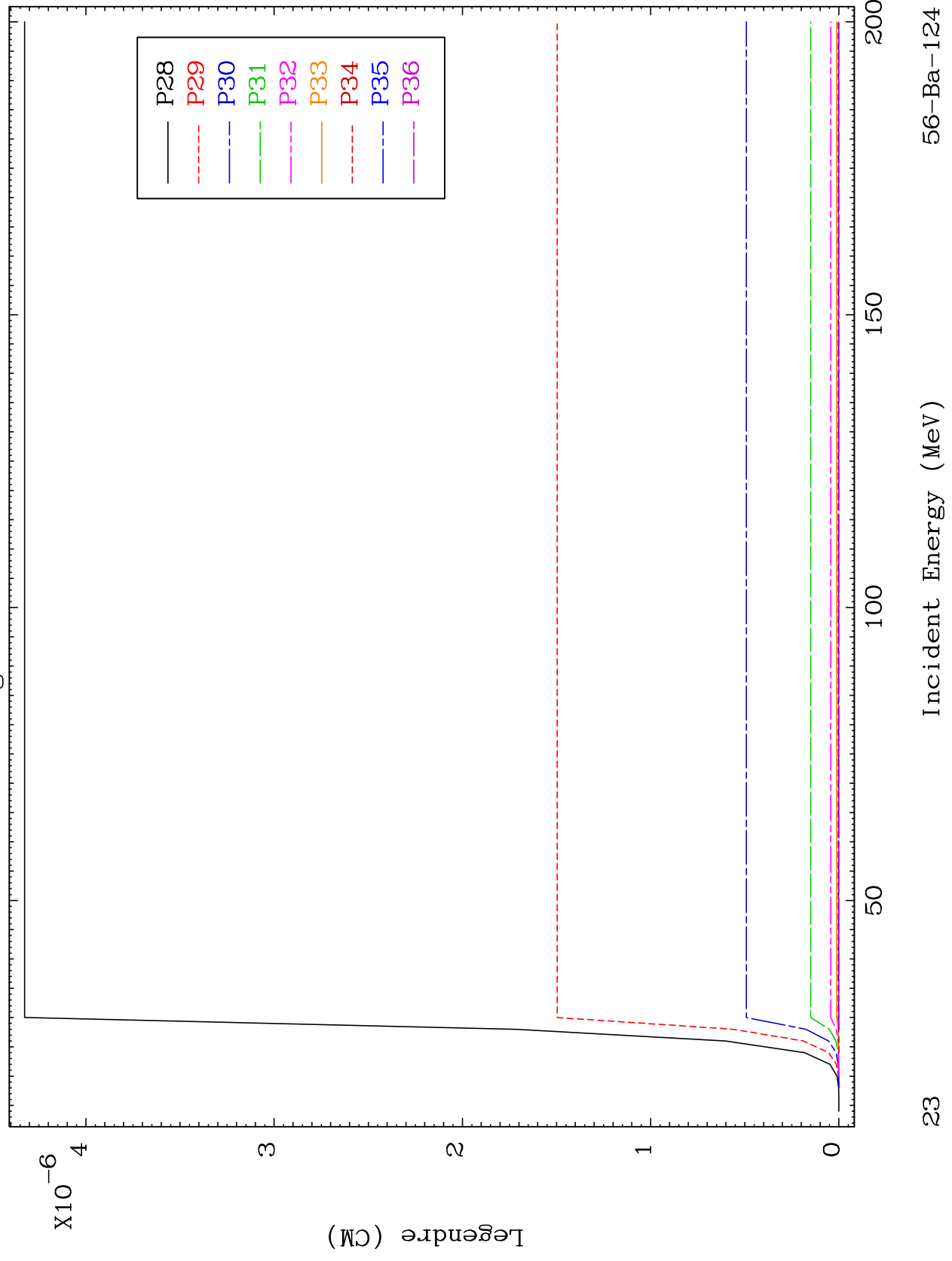
Incident Energy (MeV)

56-Ba-124

MAT 5607

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

56-Ba-124

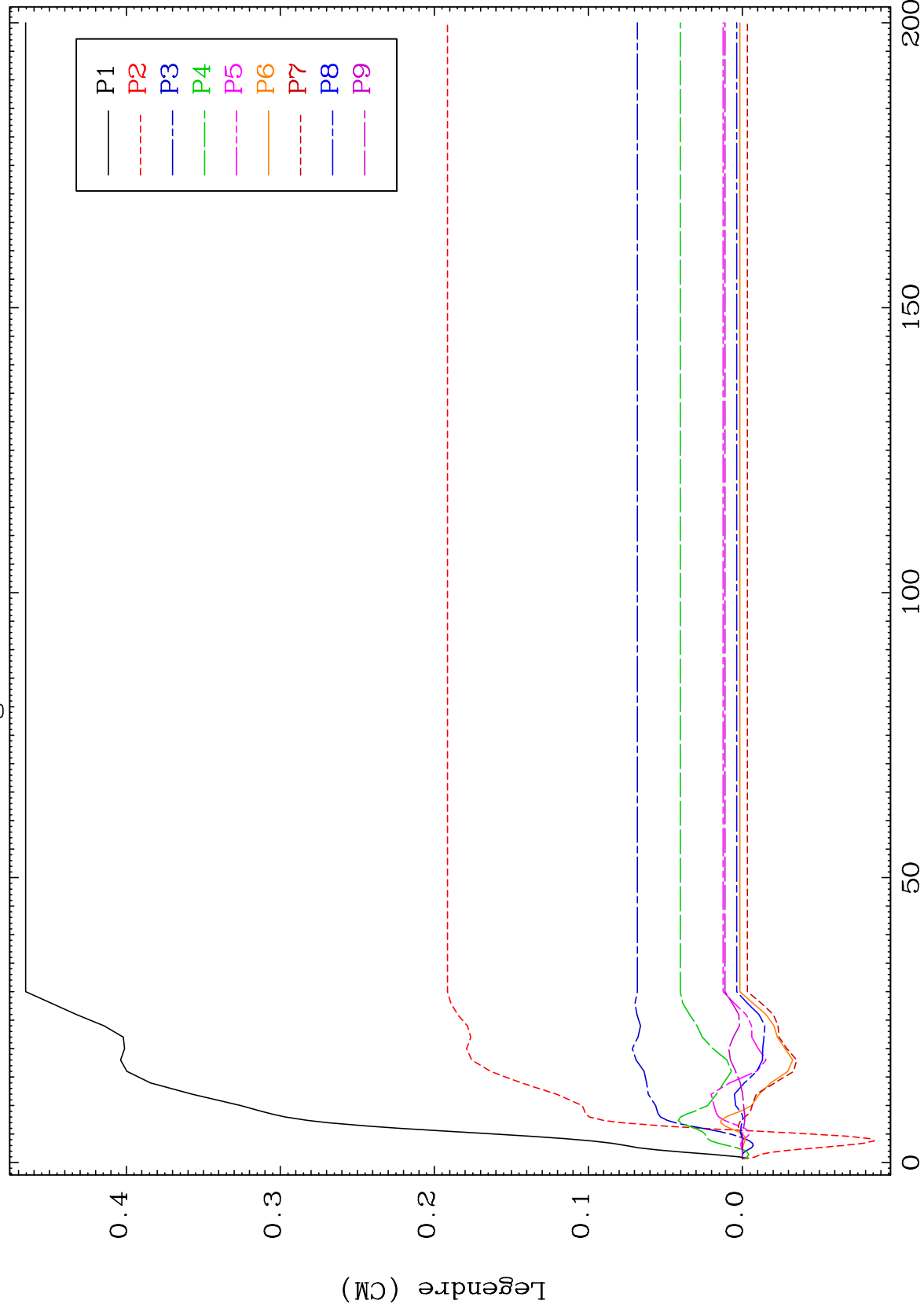




MAT 5607

MT= 52 (n,n') Level  
Legendre Coefficients

56-Ba-124



56-Ba-124

Incident Energy (MeV)

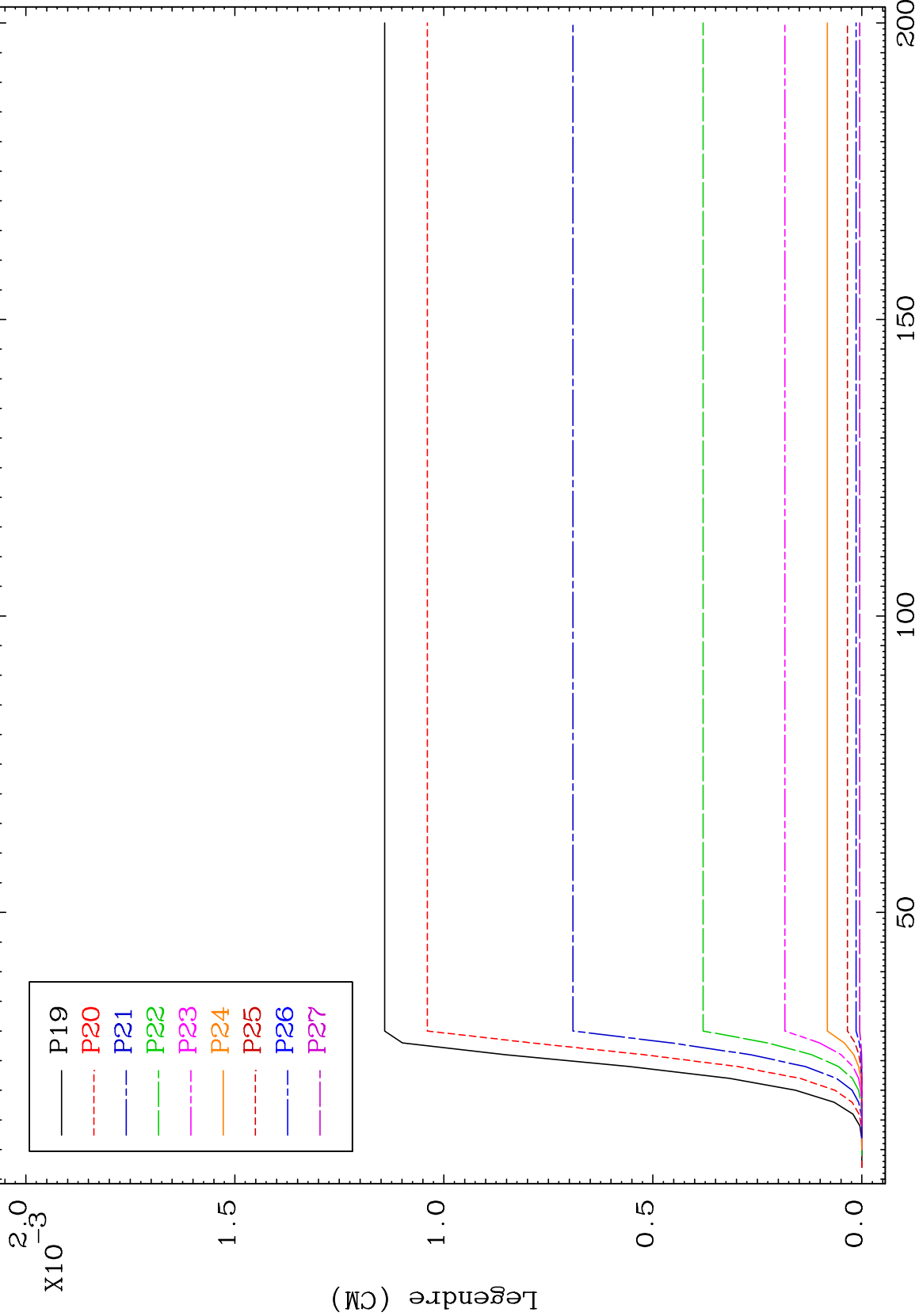
24



MAT 5607

MT= 52 (n,n') Level  
Legendre Coefficients

56-Ba-124



26

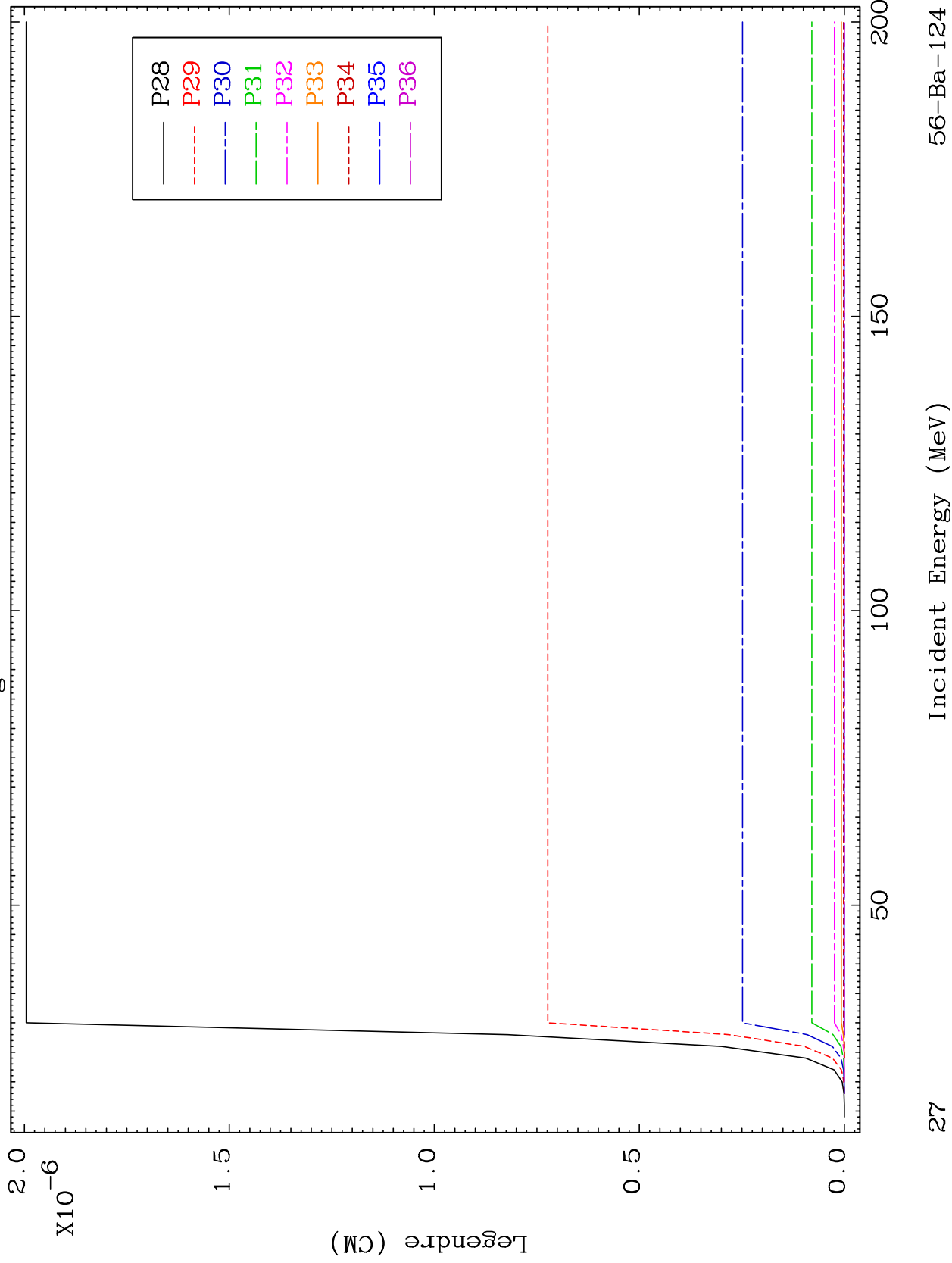
Incident Energy (MeV)

56-Ba-124

MAT 5607

MT= 52 (n,n') Level  
Legendre Coefficients

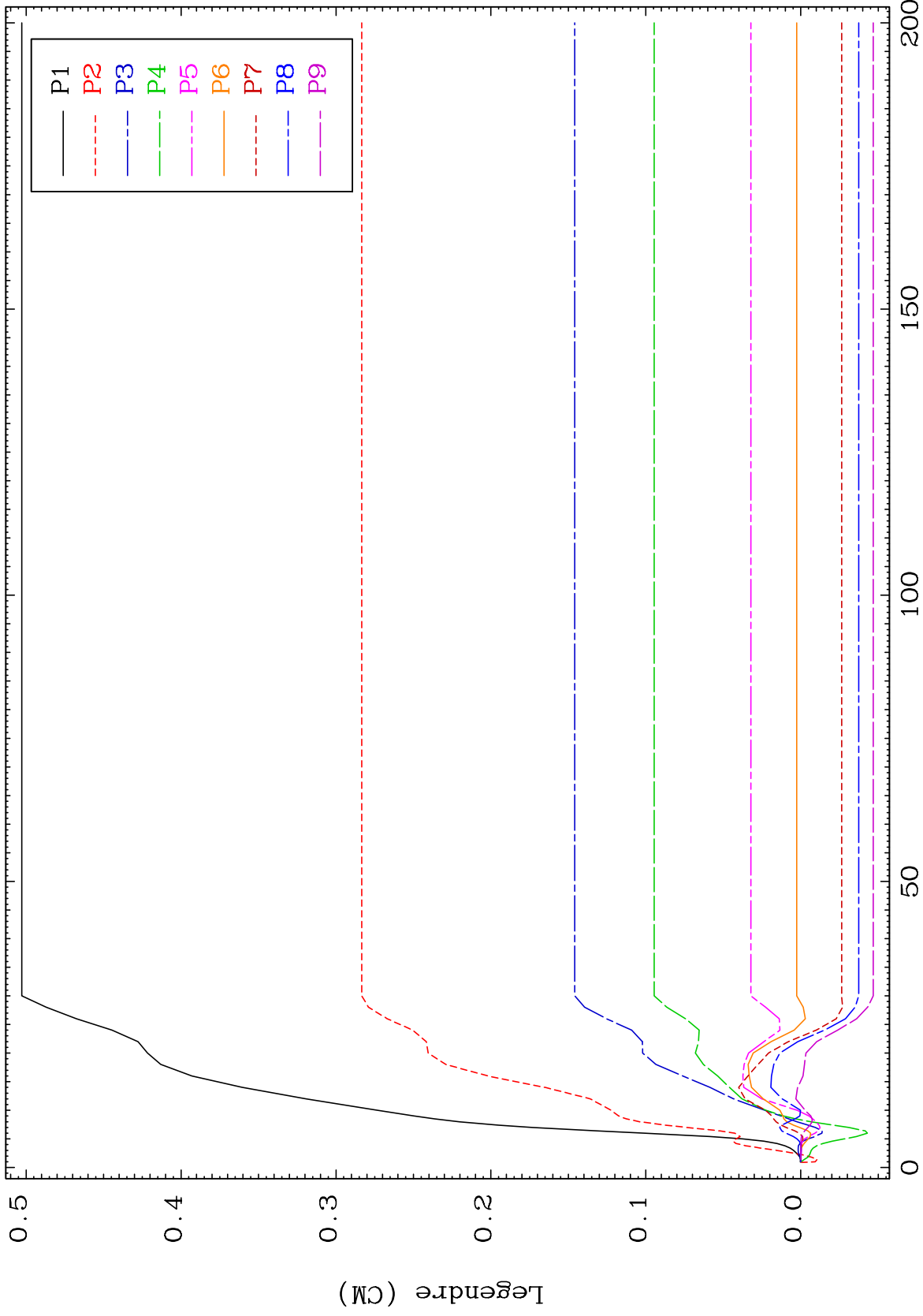
56-Ba-124



MAT 5607

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

56-Ba-124



56-Ba-124

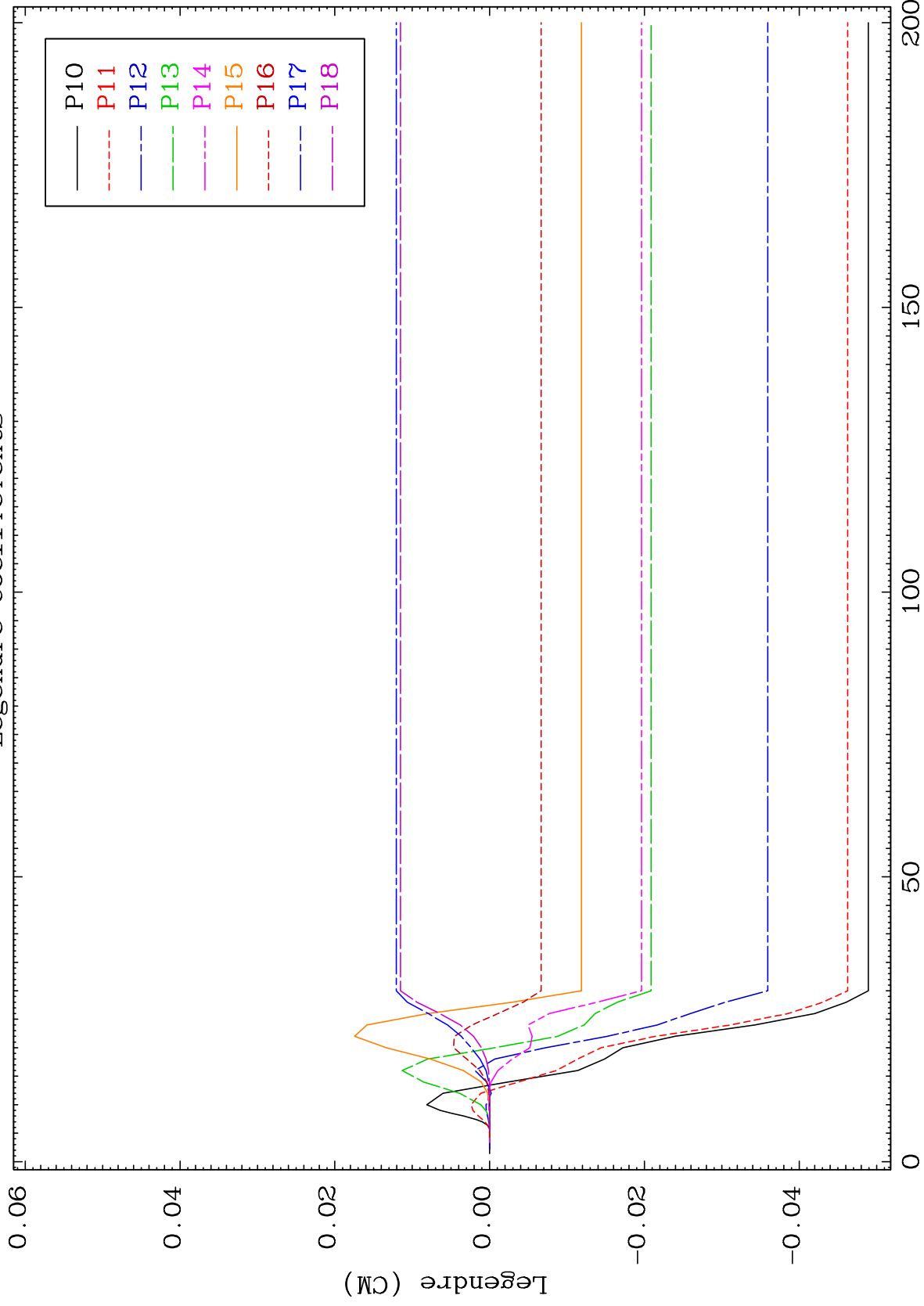
Incident Energy (MeV)

28

MAT 5607

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

56-Ba-124



29

Incident Energy (MeV)

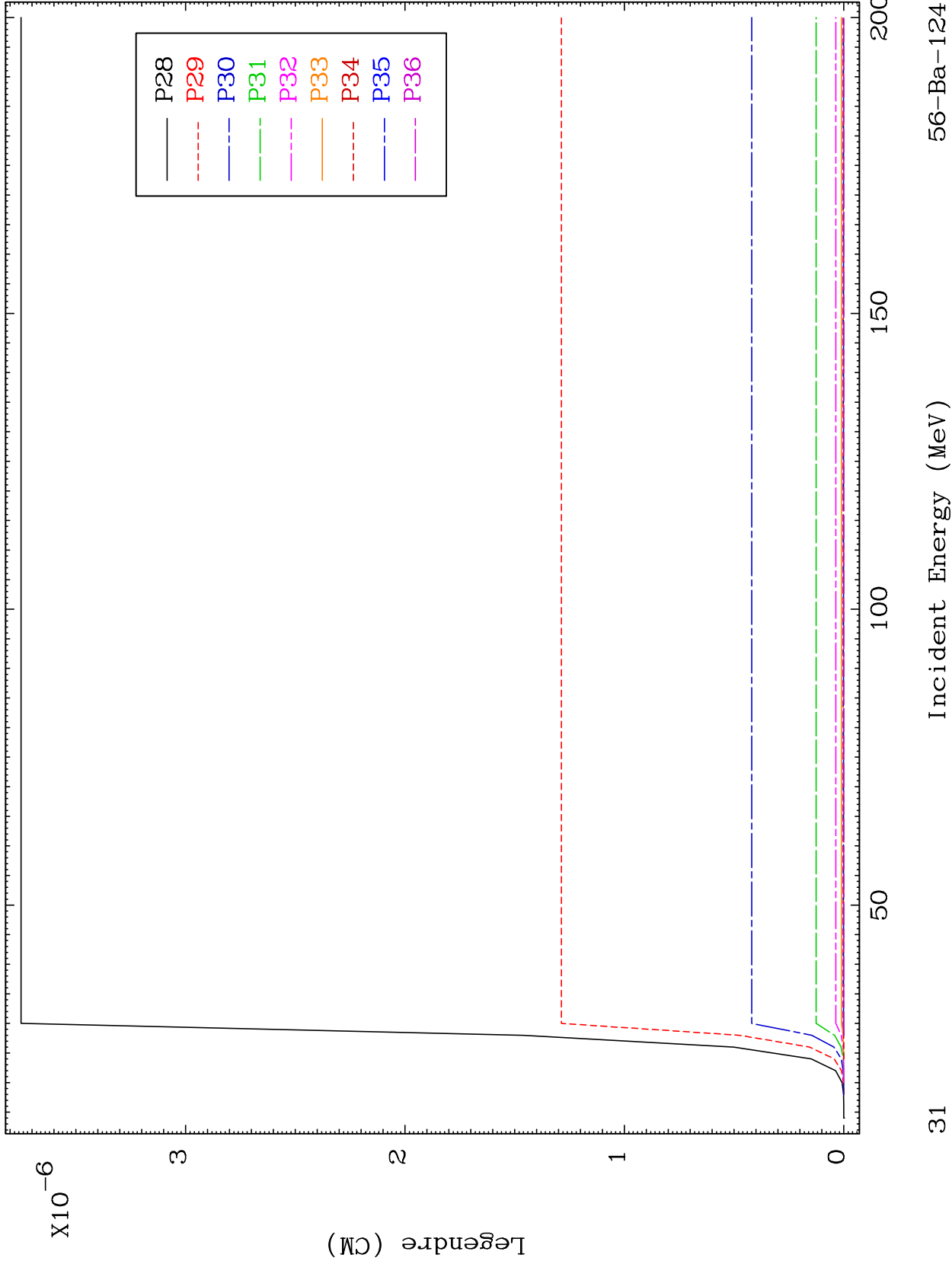
56-Ba-124



MAT 5607

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

56-Ba-124

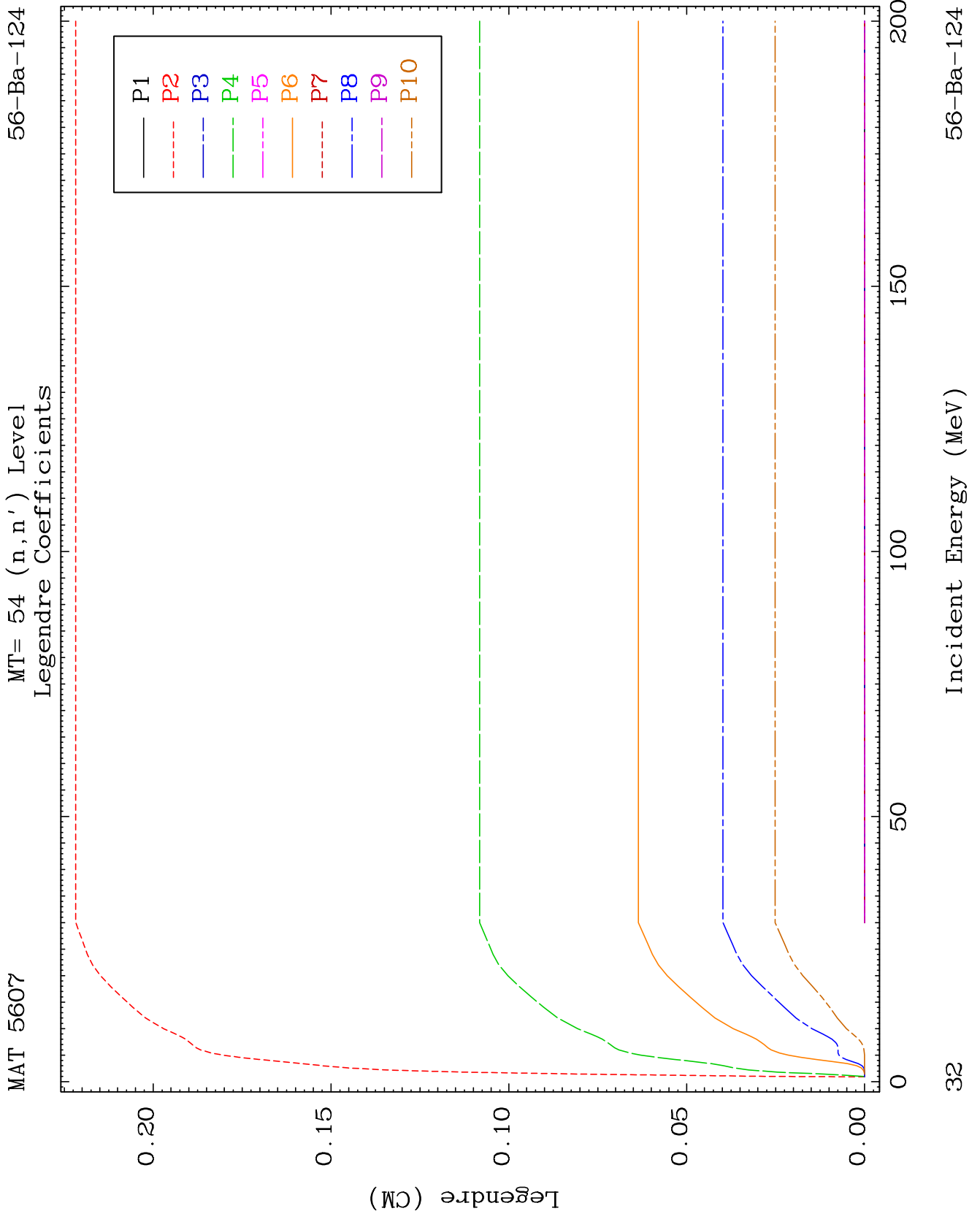


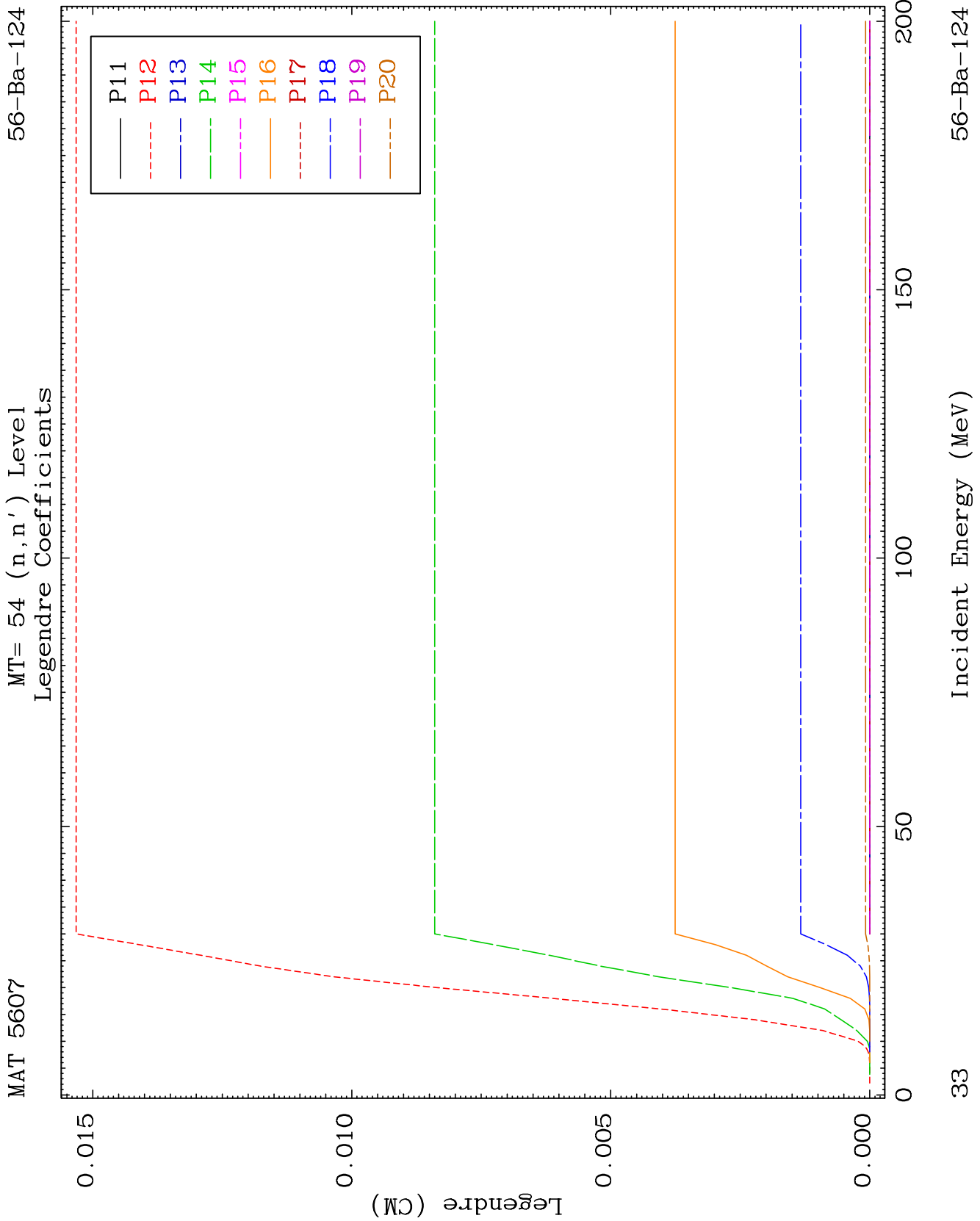
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Incident Energy (MeV)

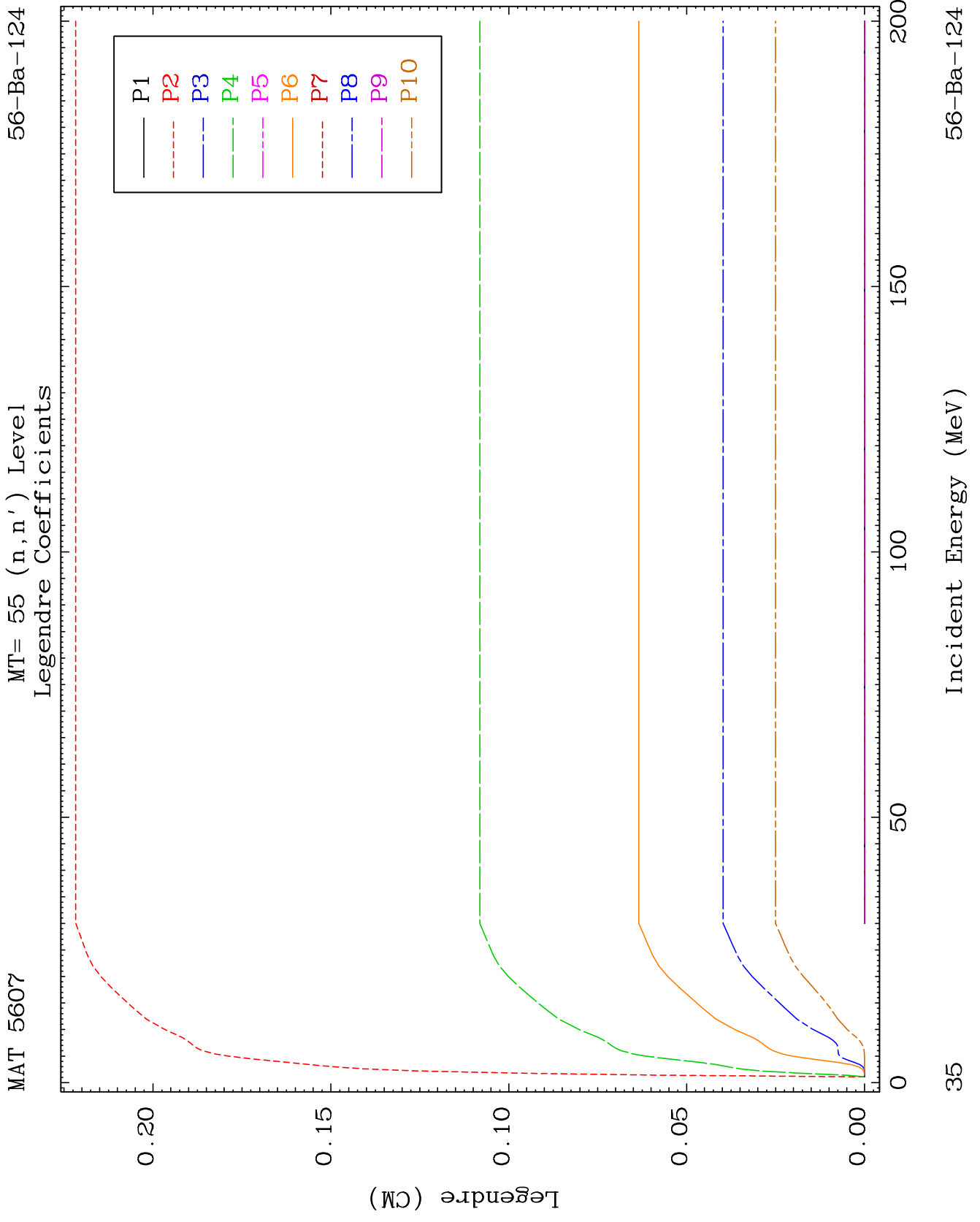
56-Ba-124

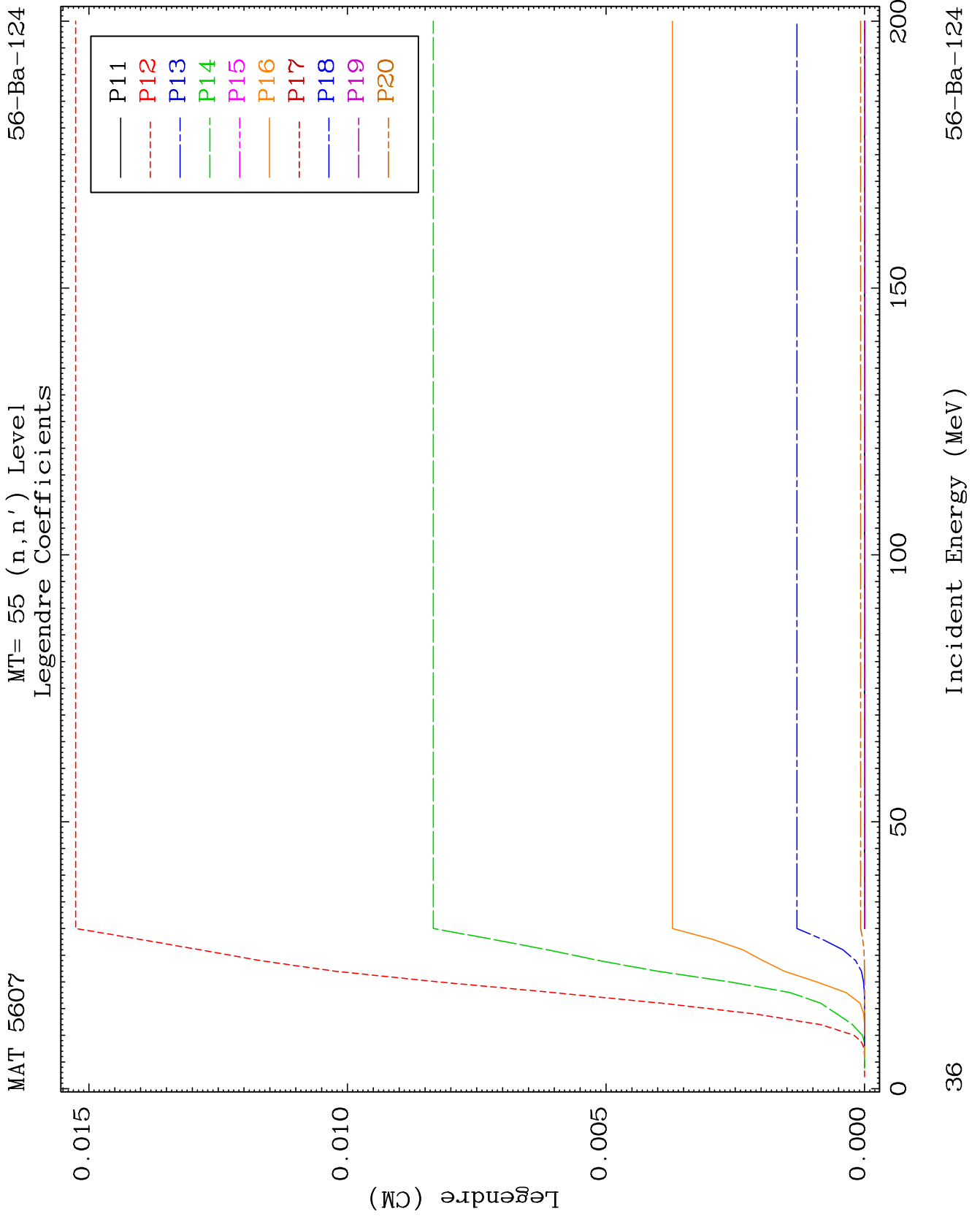


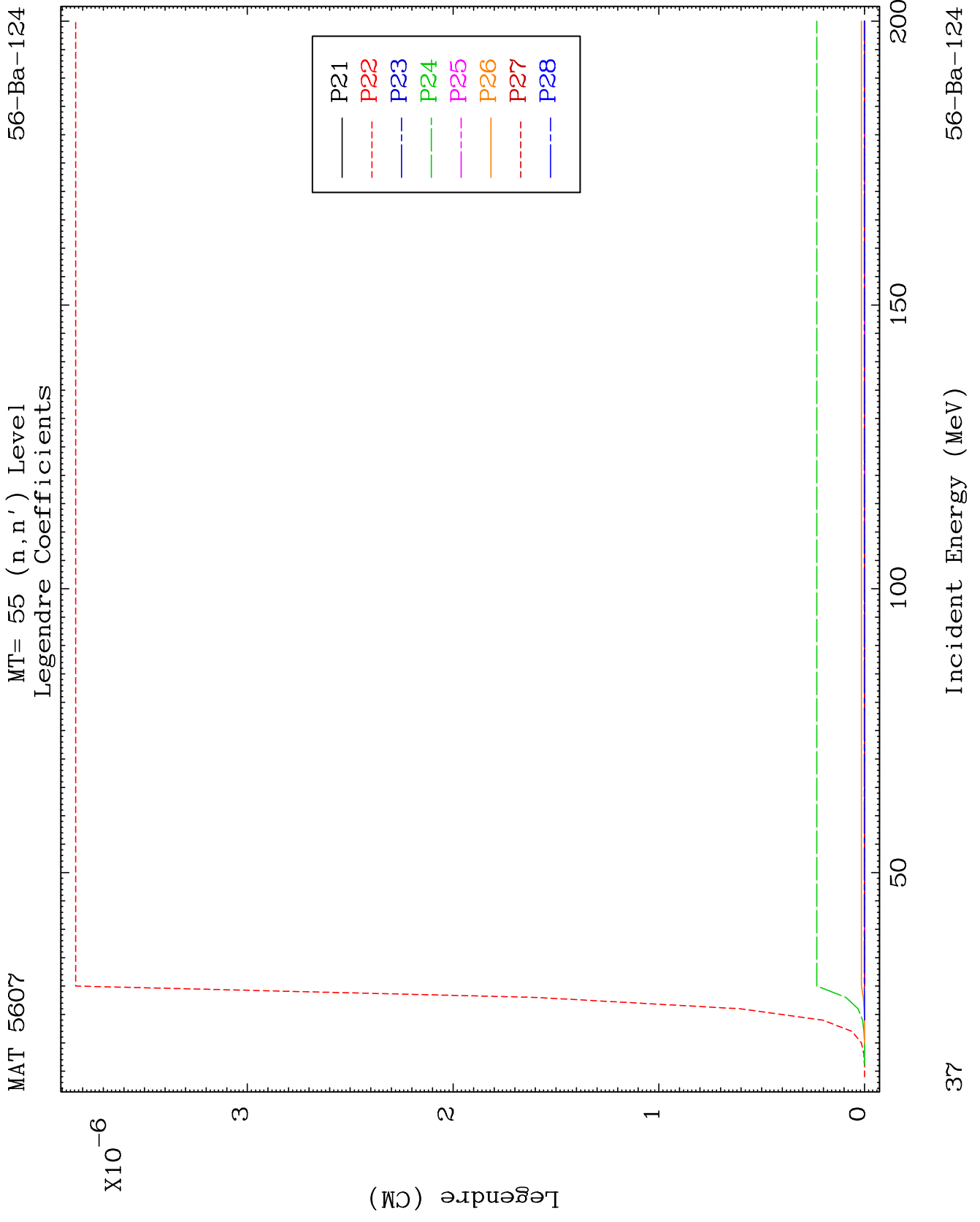


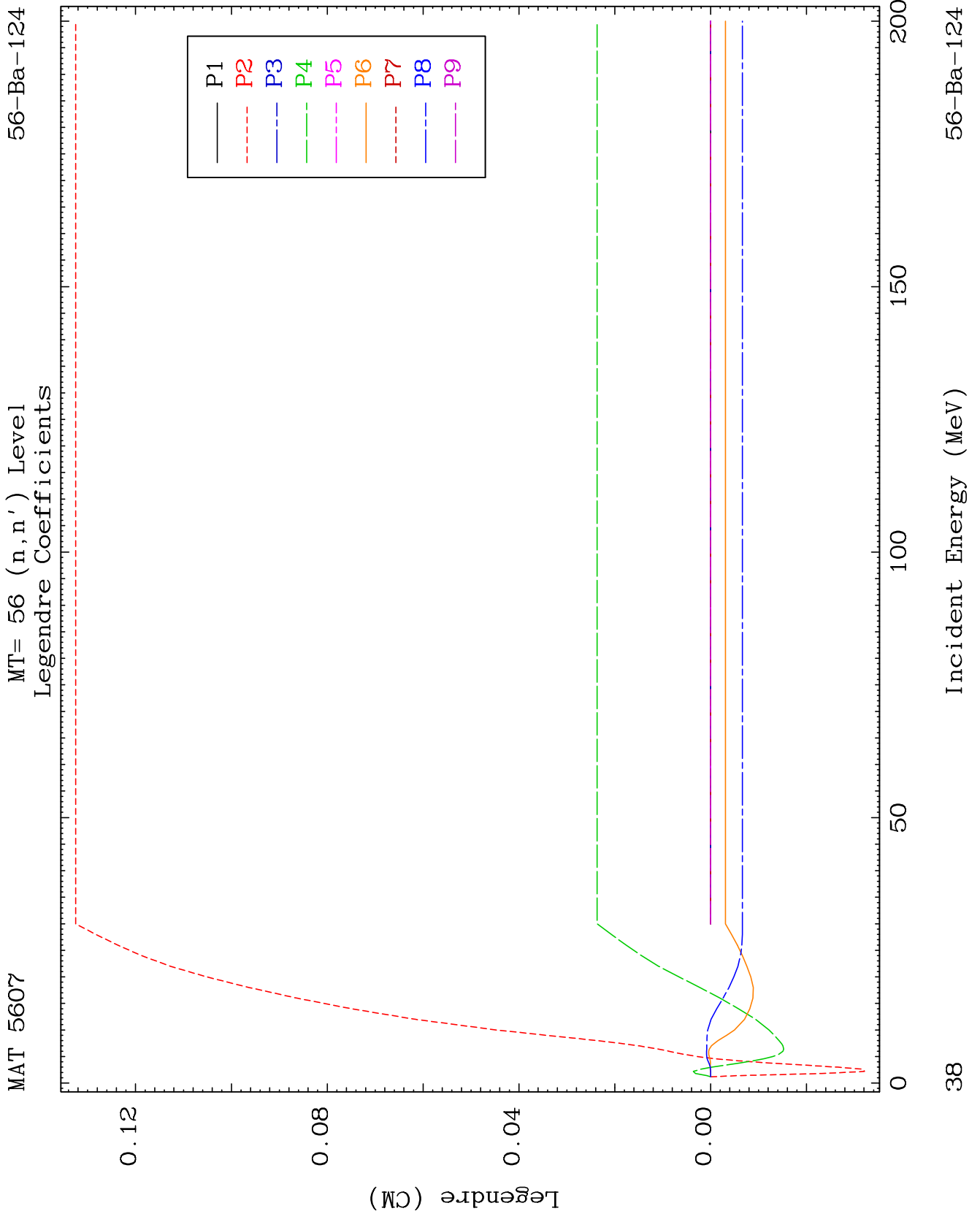








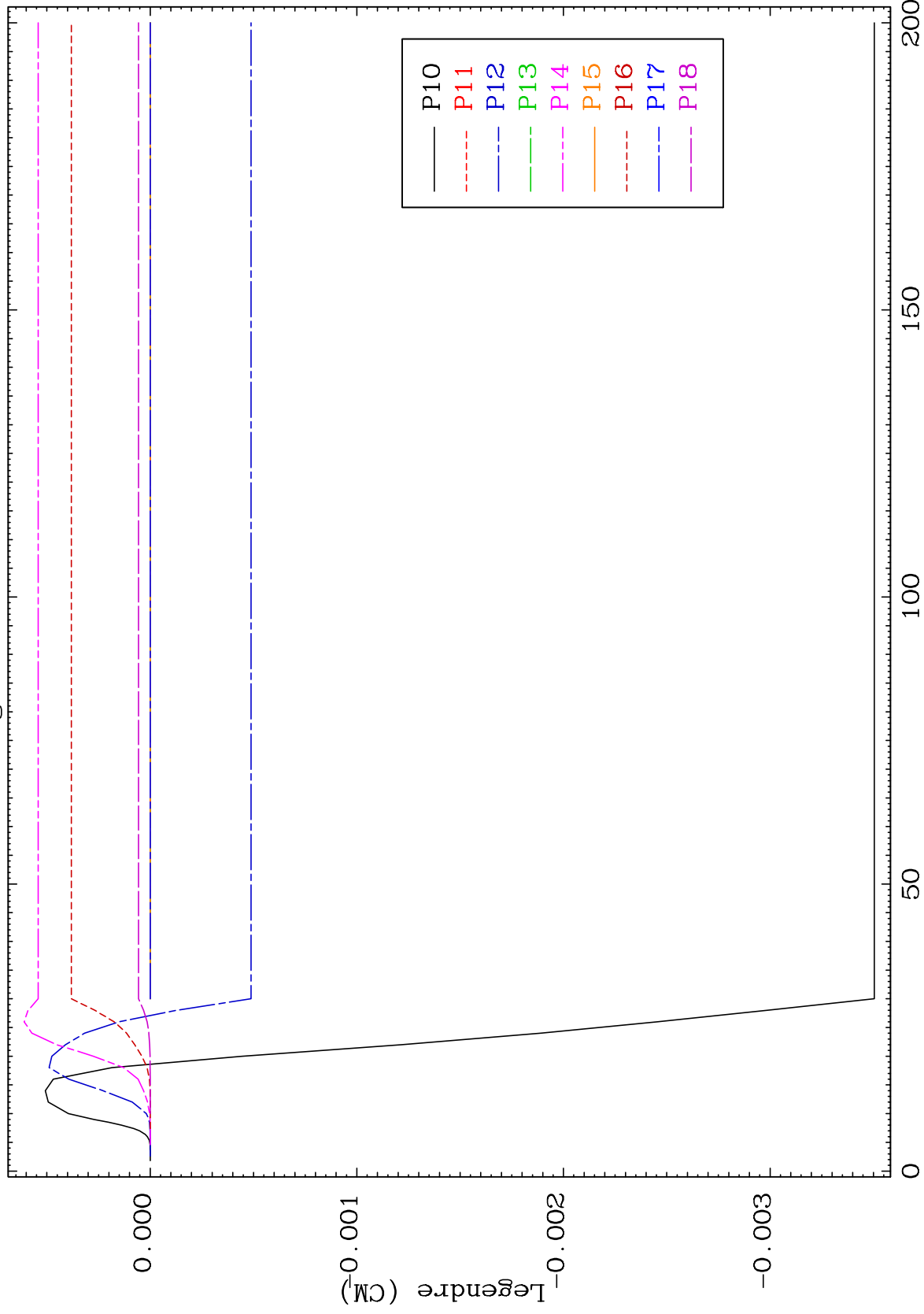




MAT 5607

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

56-Ba-124

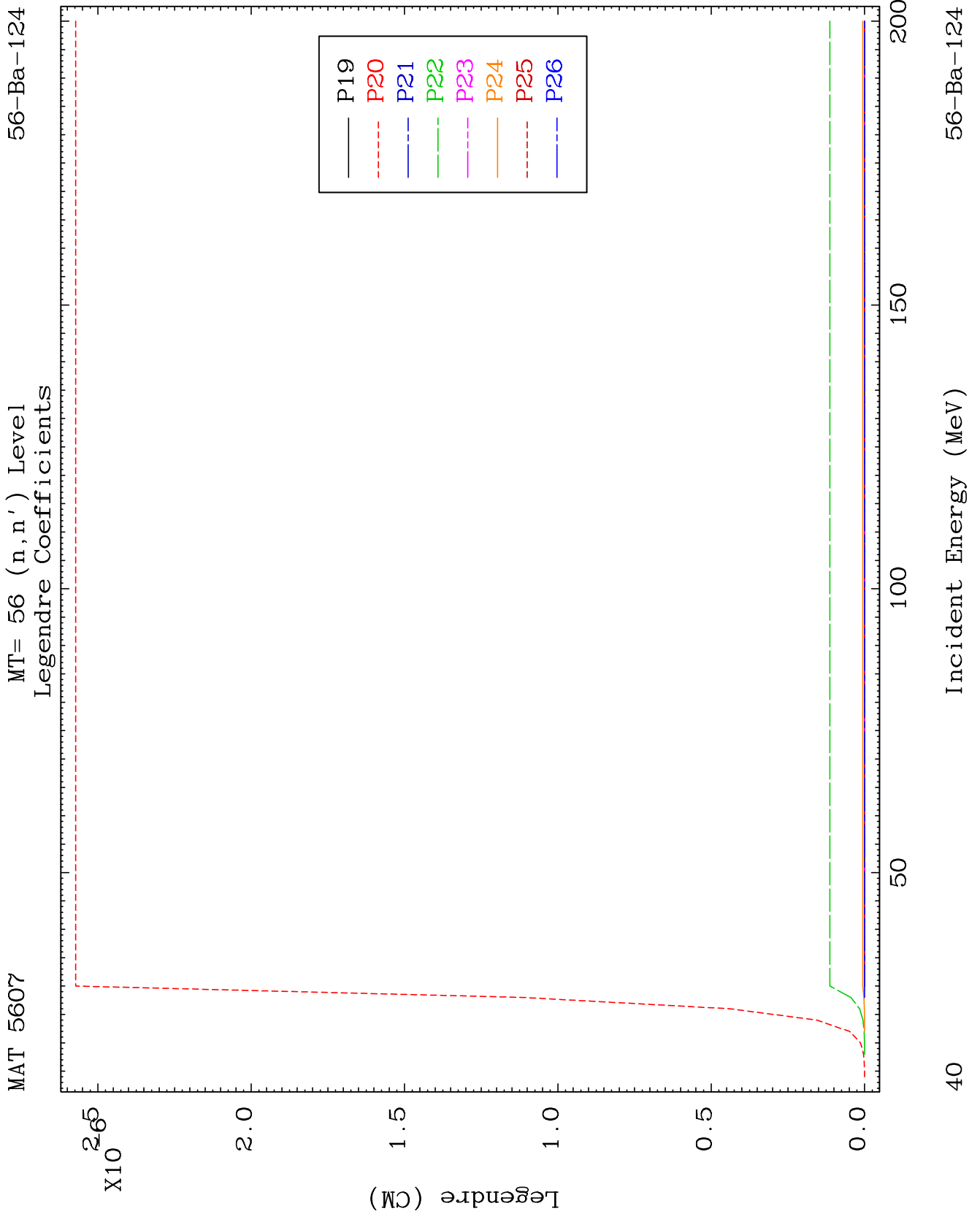


39

Incident Energy (MeV)

56-Ba-124

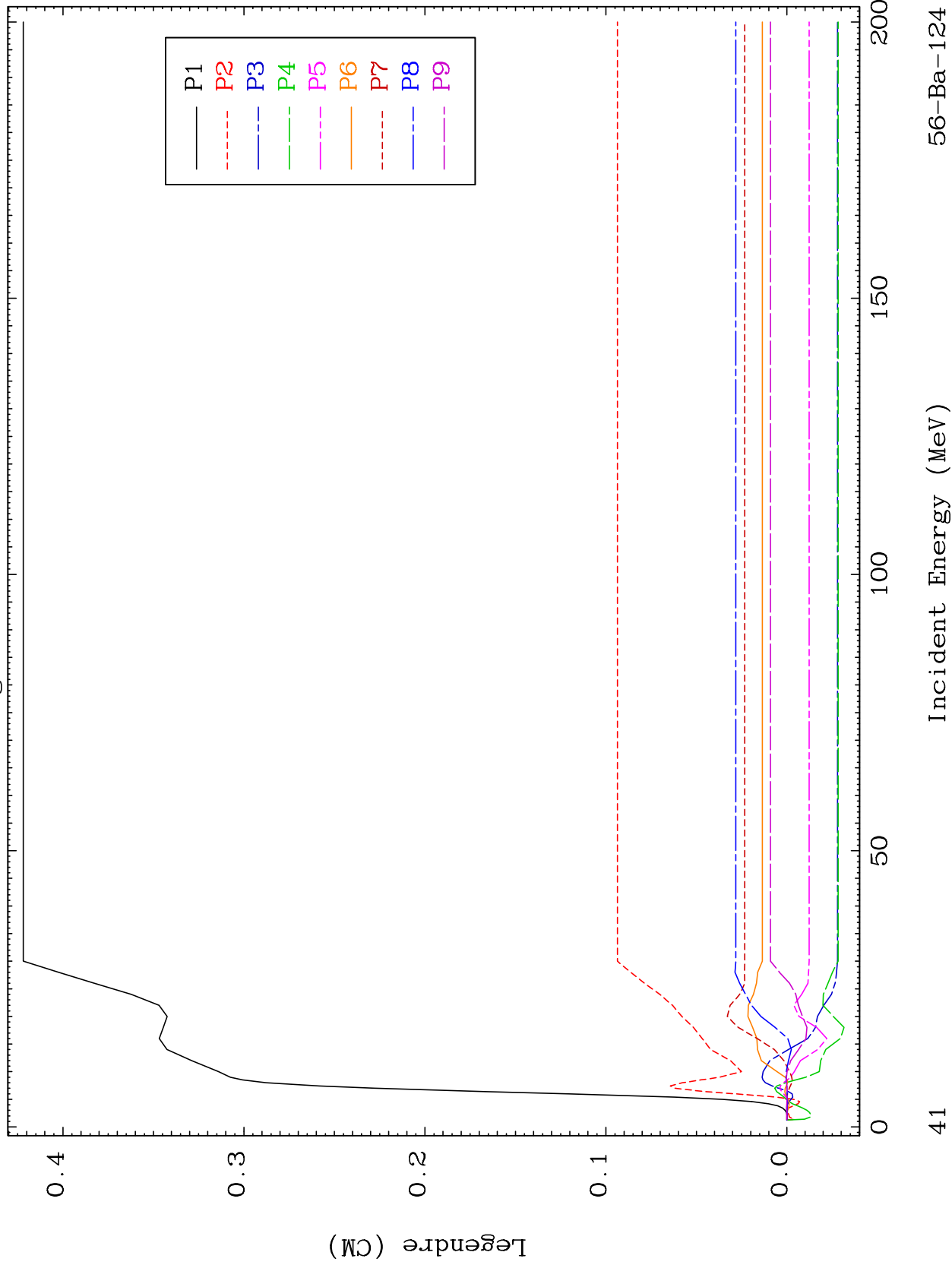




MAT 5607

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

56-Ba-124



56-Ba-124

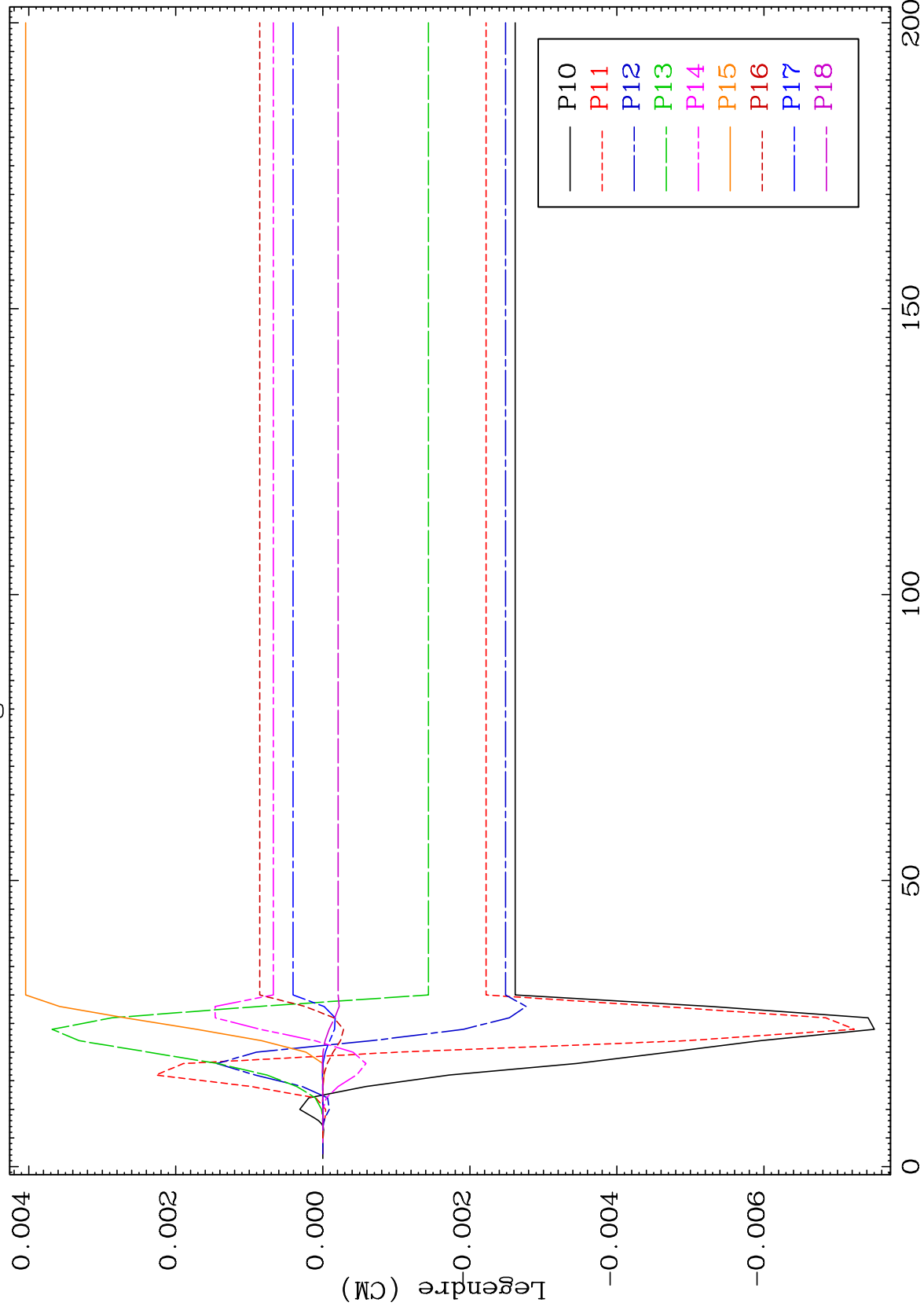
Incident Energy (MeV)

41

MAT 5607

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

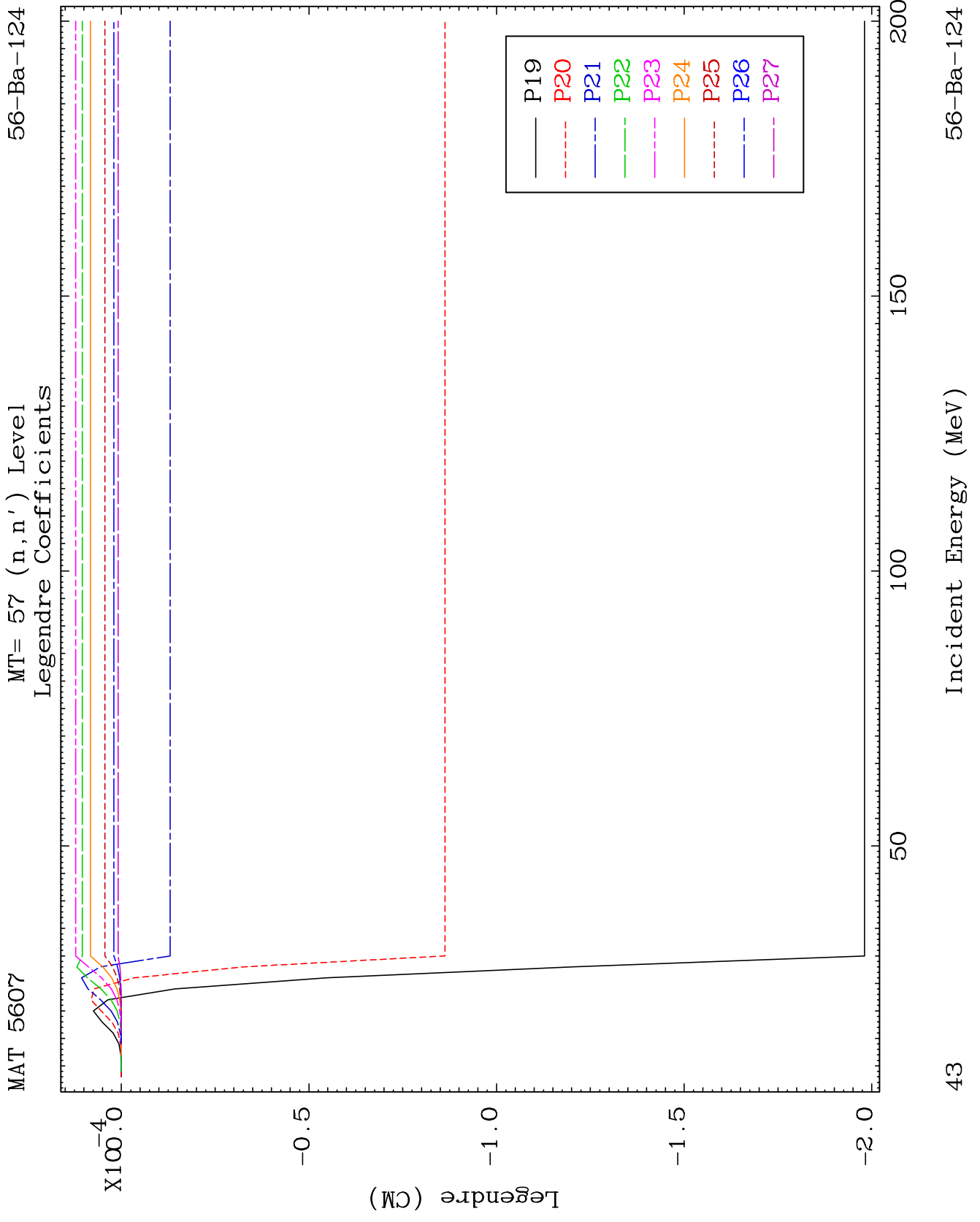
56-Ba-124



42

Incident Energy (MeV)

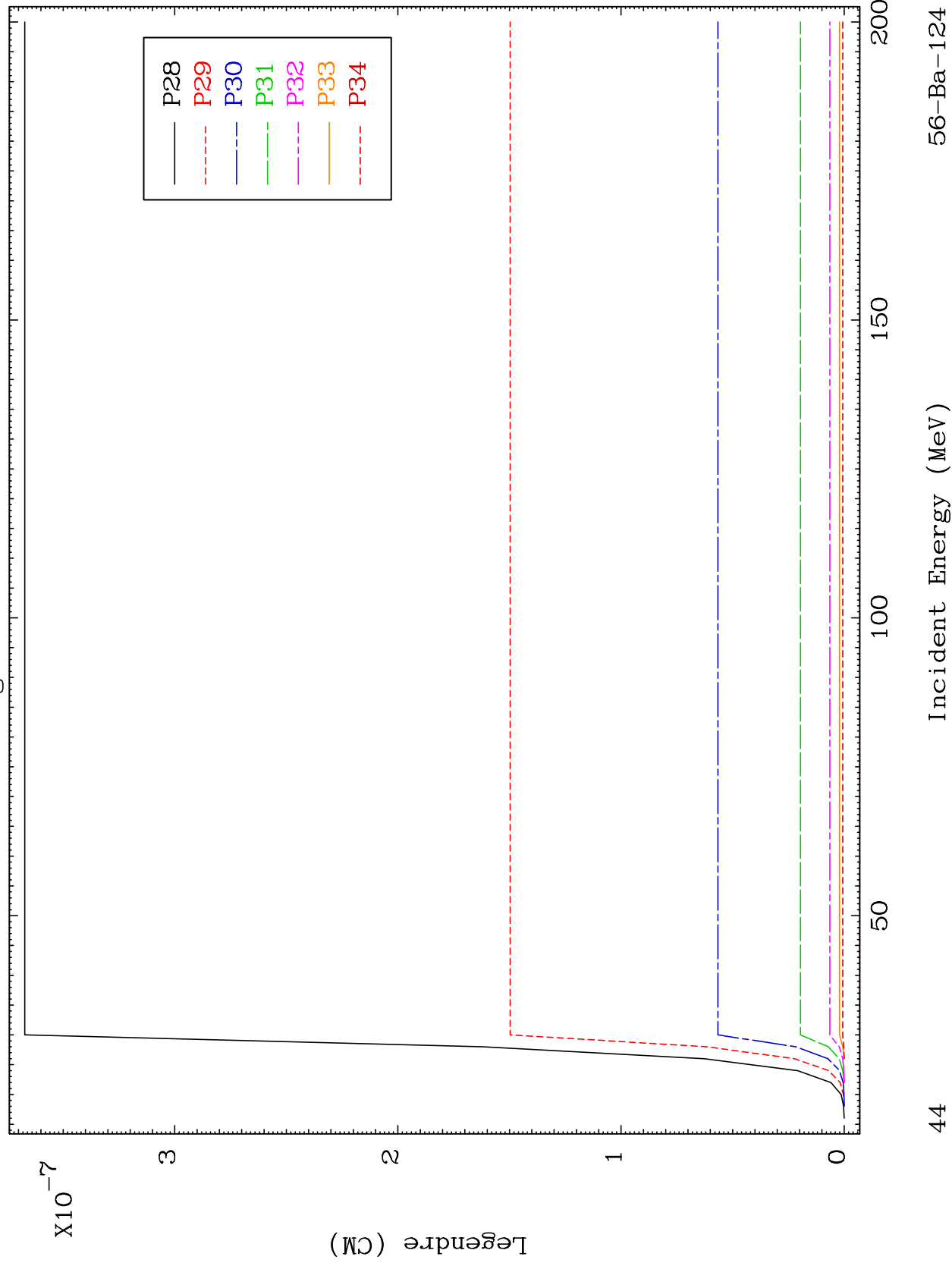
56-Ba-124



MAT 5607

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

56-Ba-124



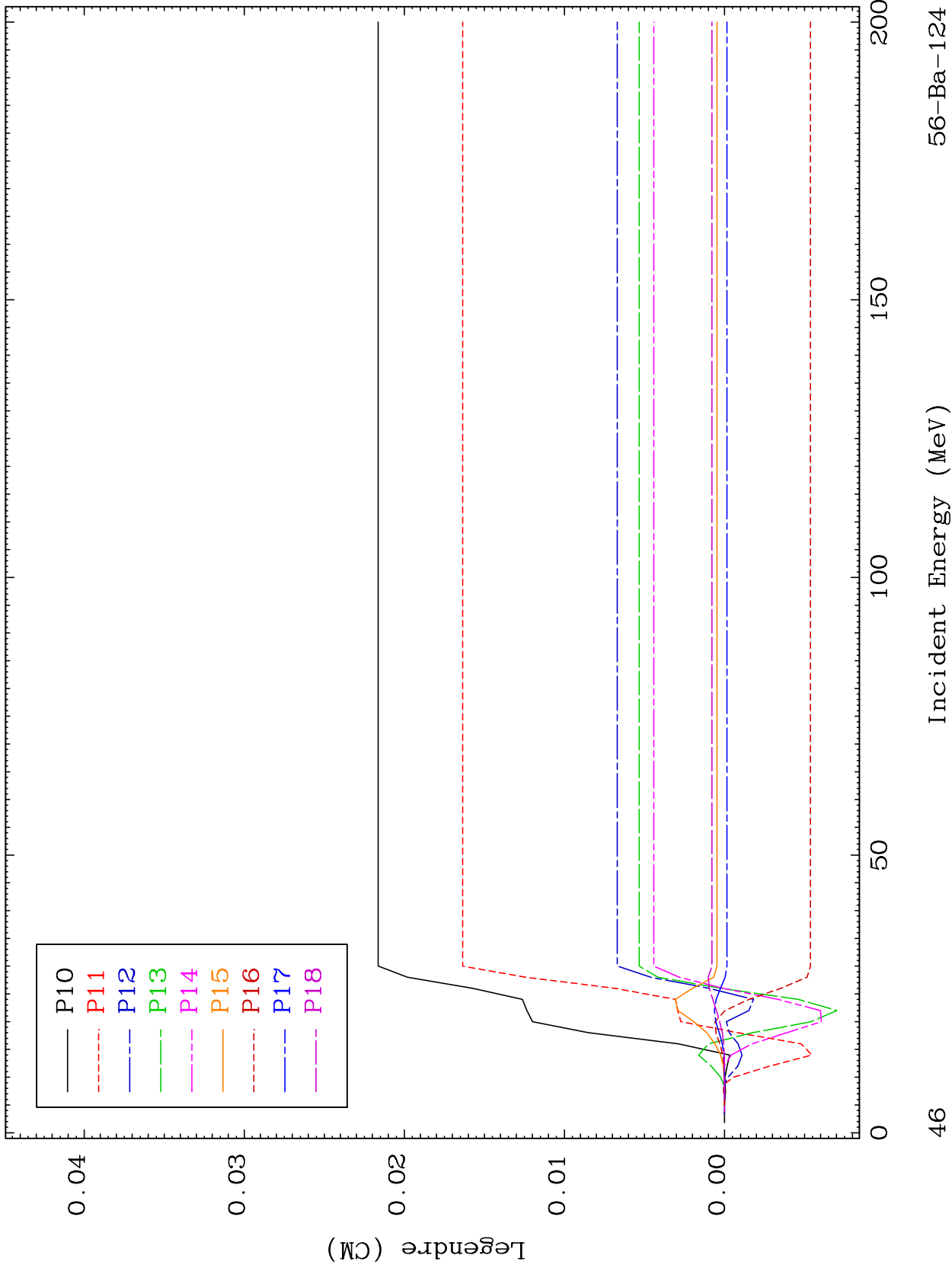
44



MAT 5607

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

56-Ba-124



46

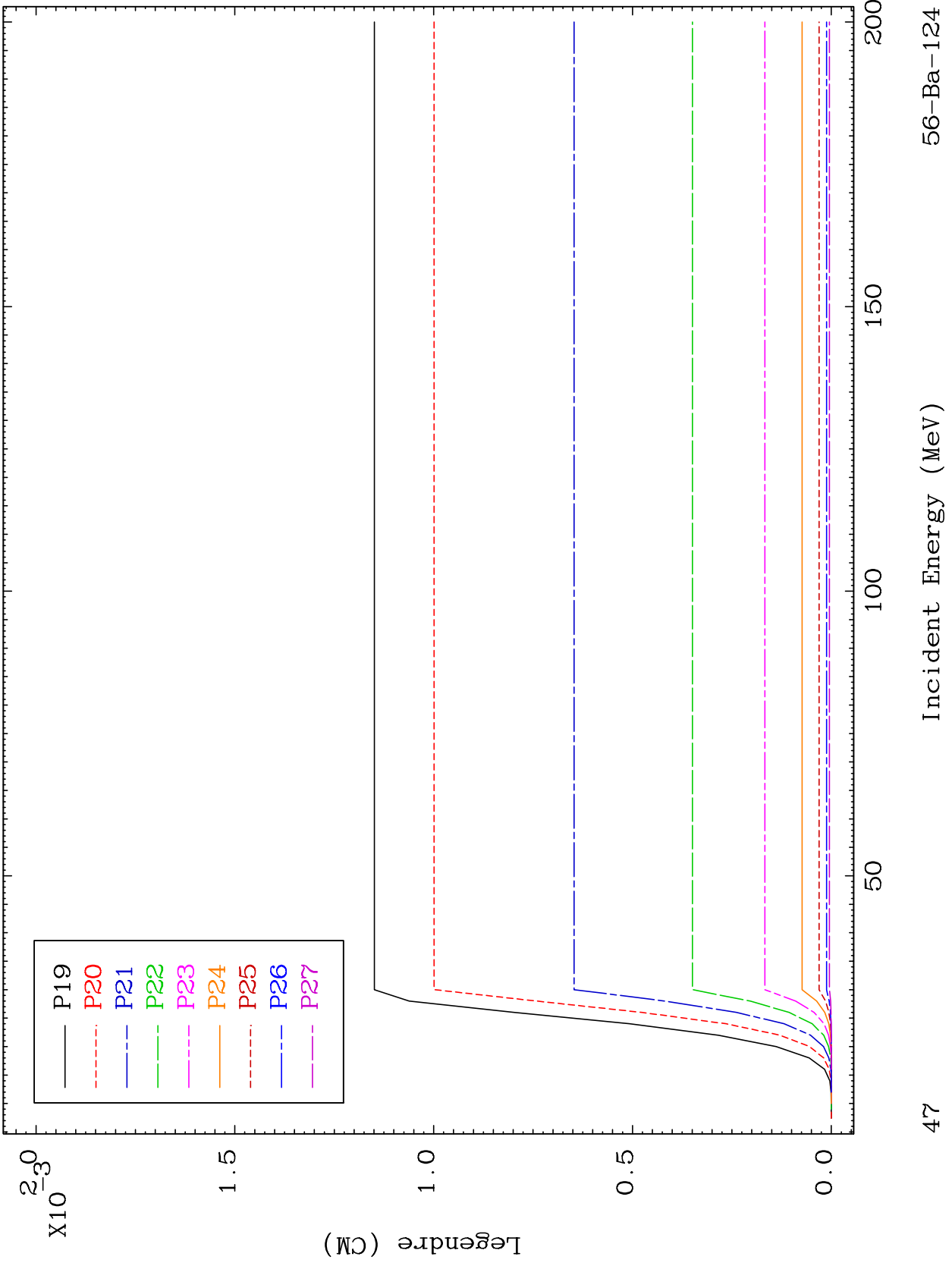
Incident Energy (MeV)

56-Ba-124

MAT 5607

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

56-Ba-124

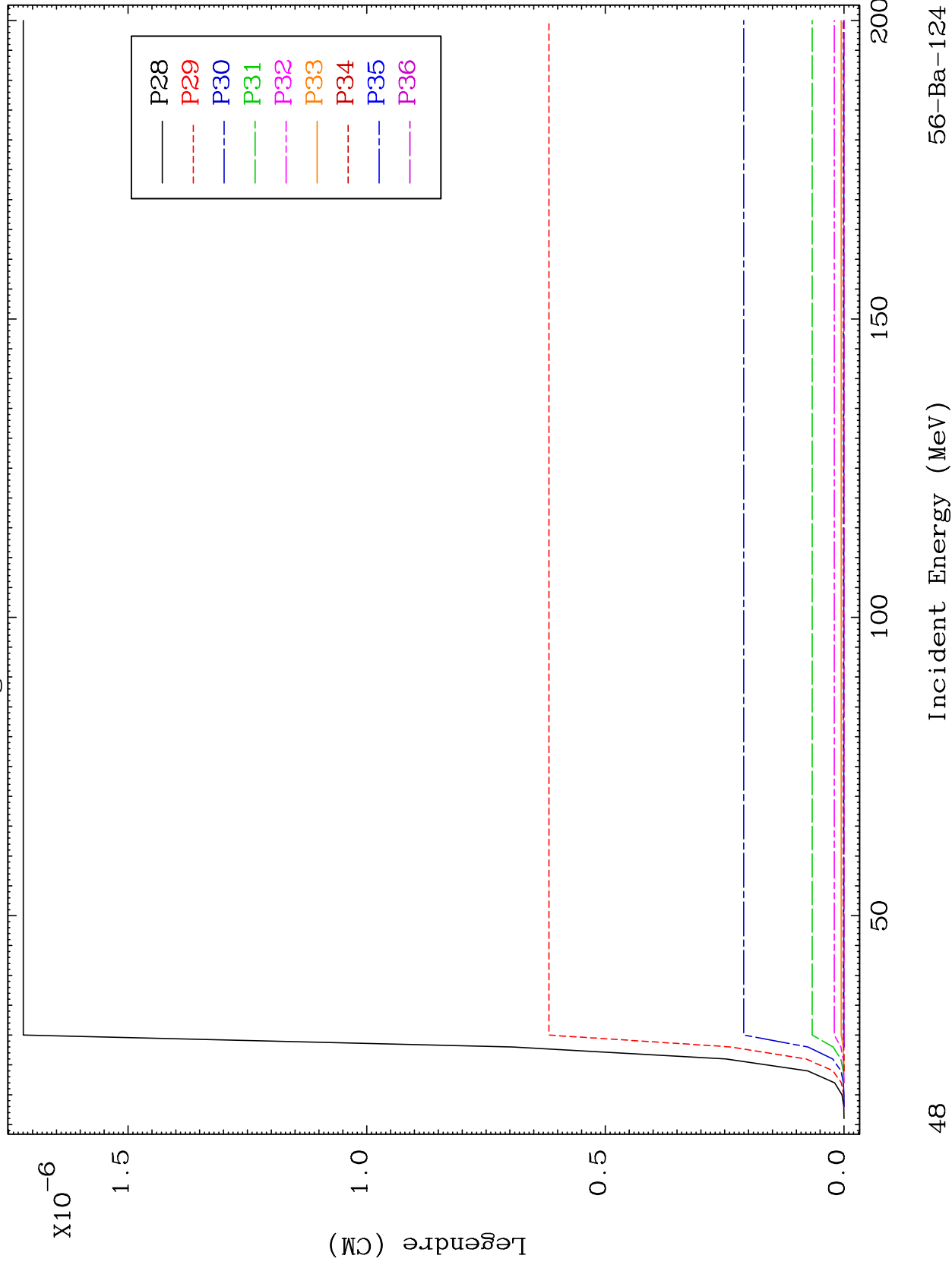


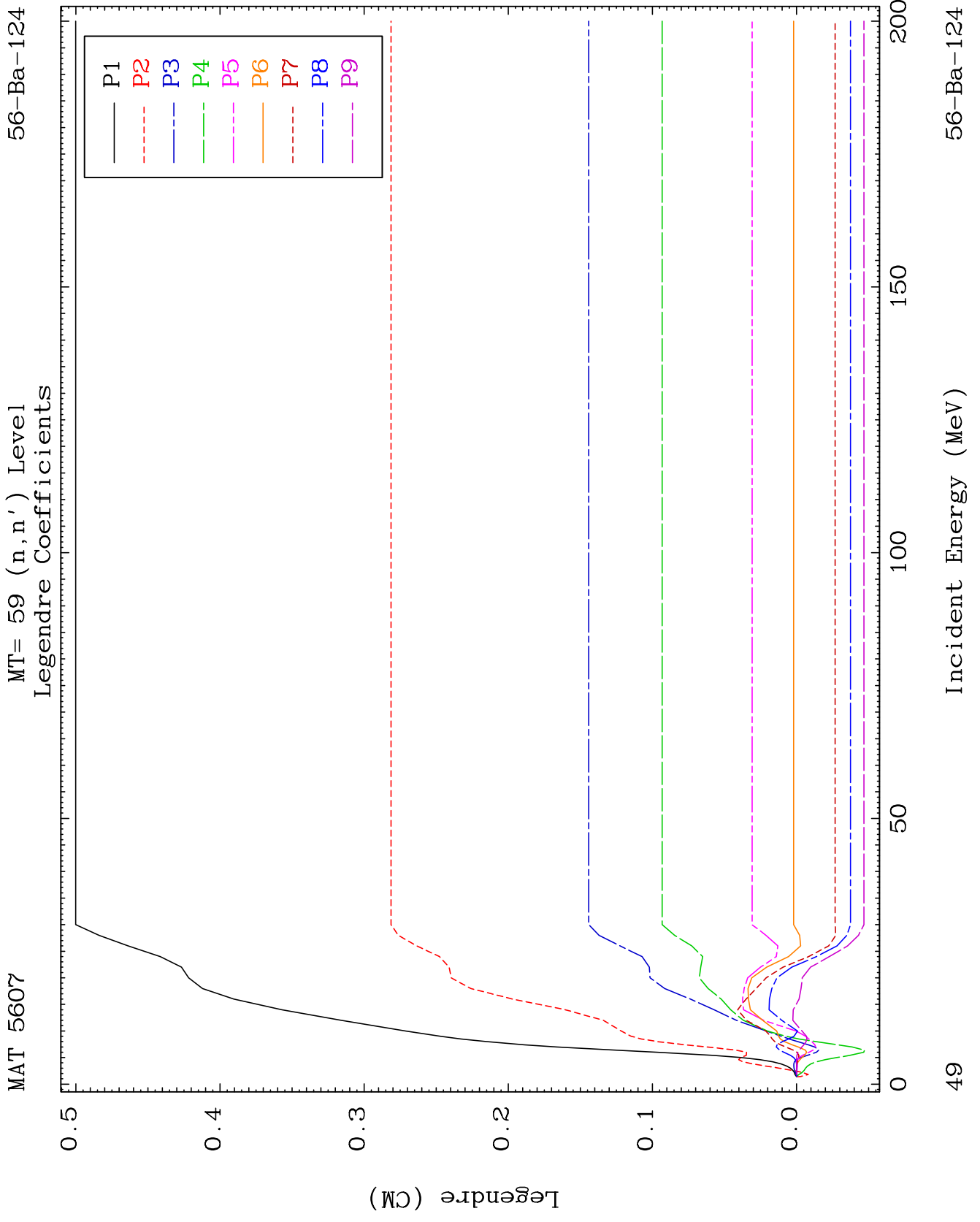


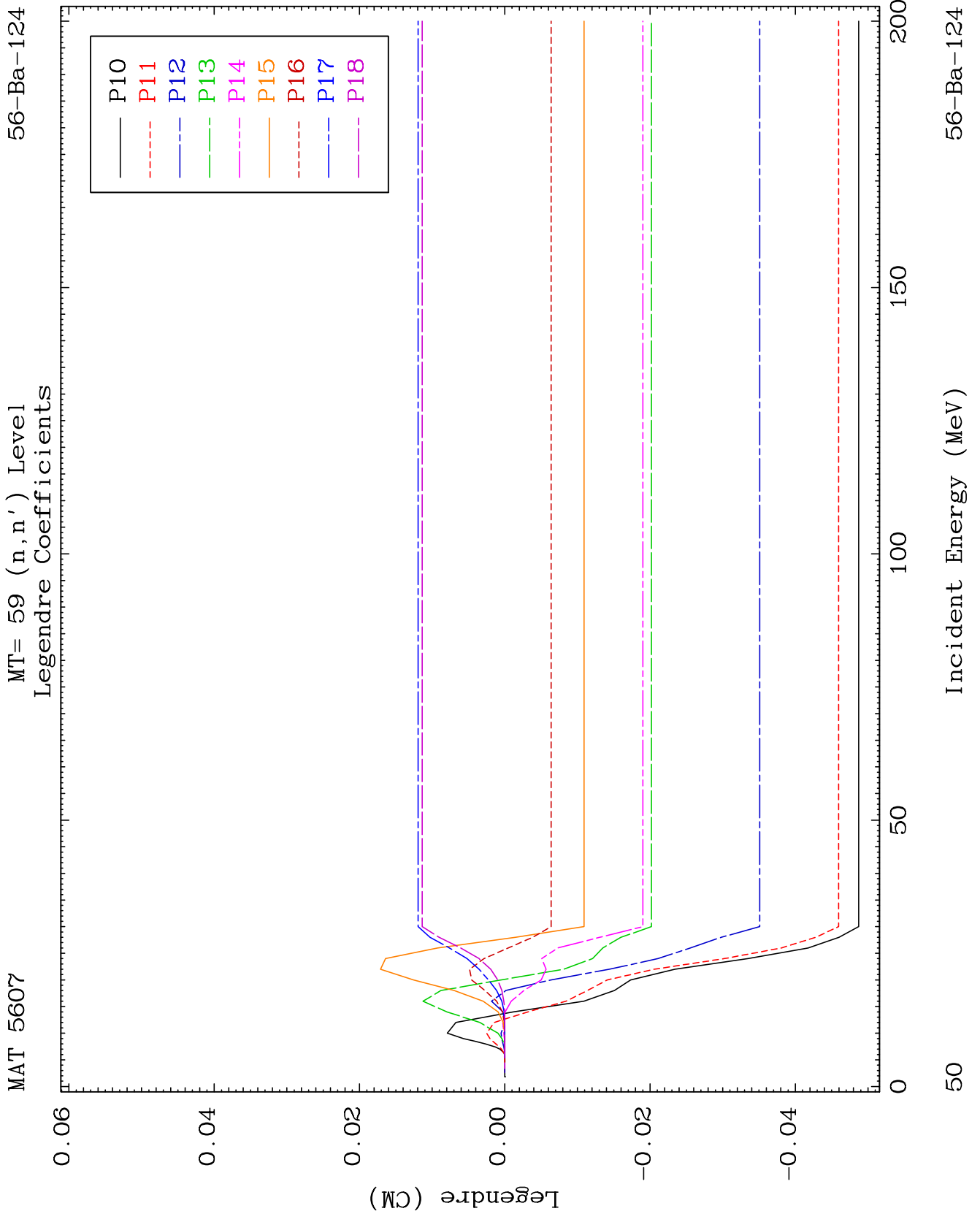
MAT 5607

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

56-Ba-124



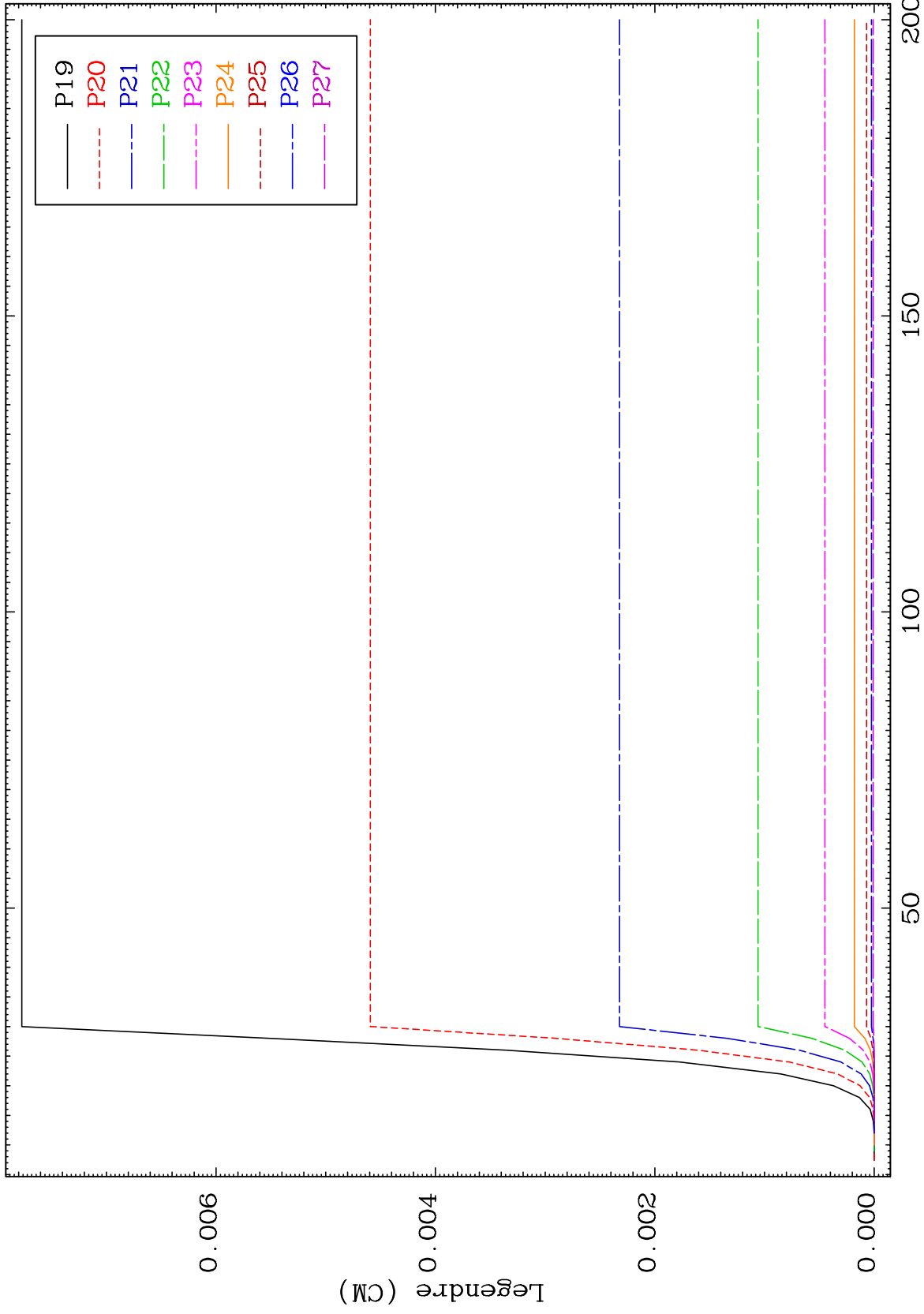




MAT 5607

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

56-Ba-124



51

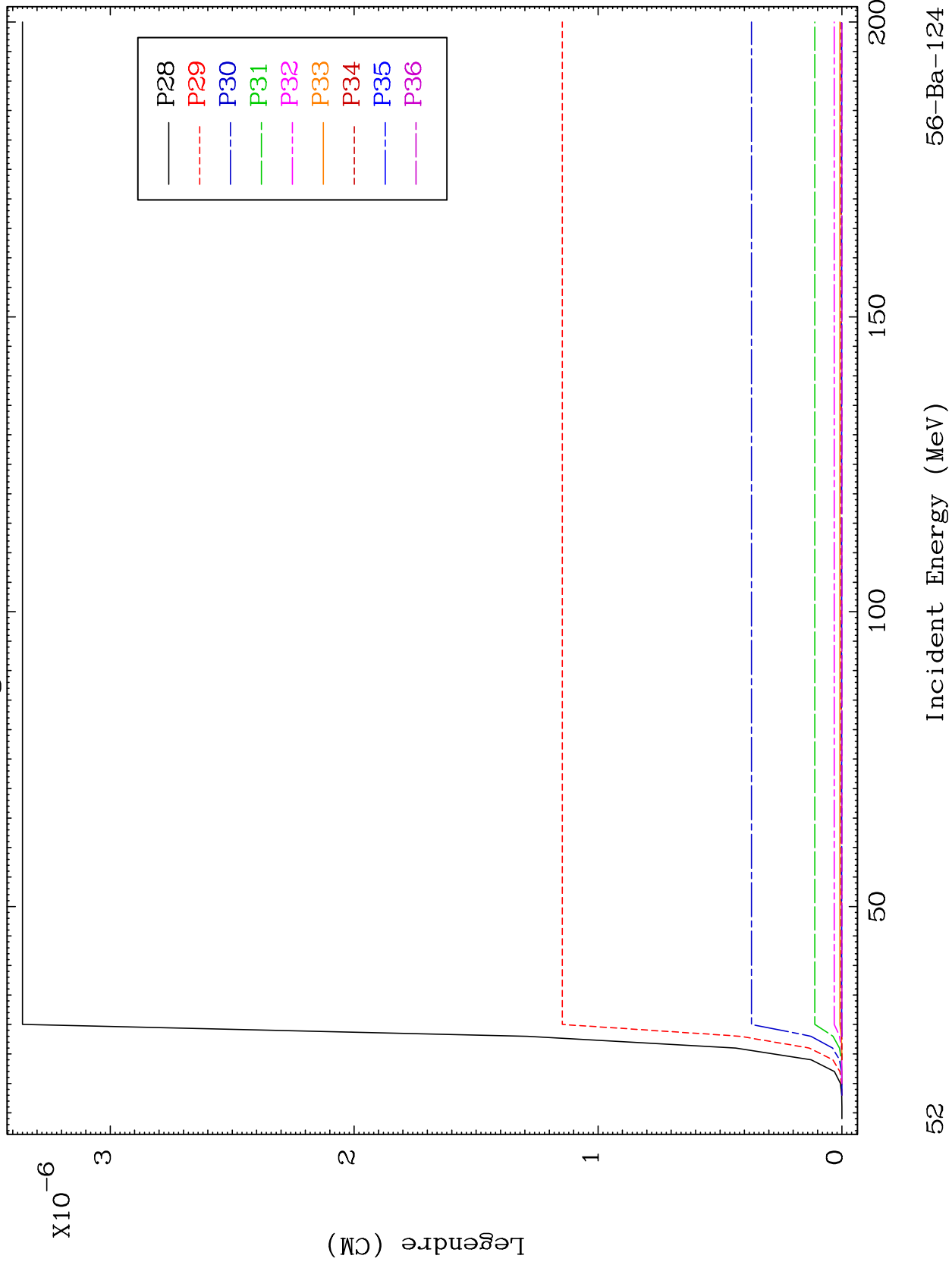
Incident Energy (MeV)

56-Ba-124

MAT 5607

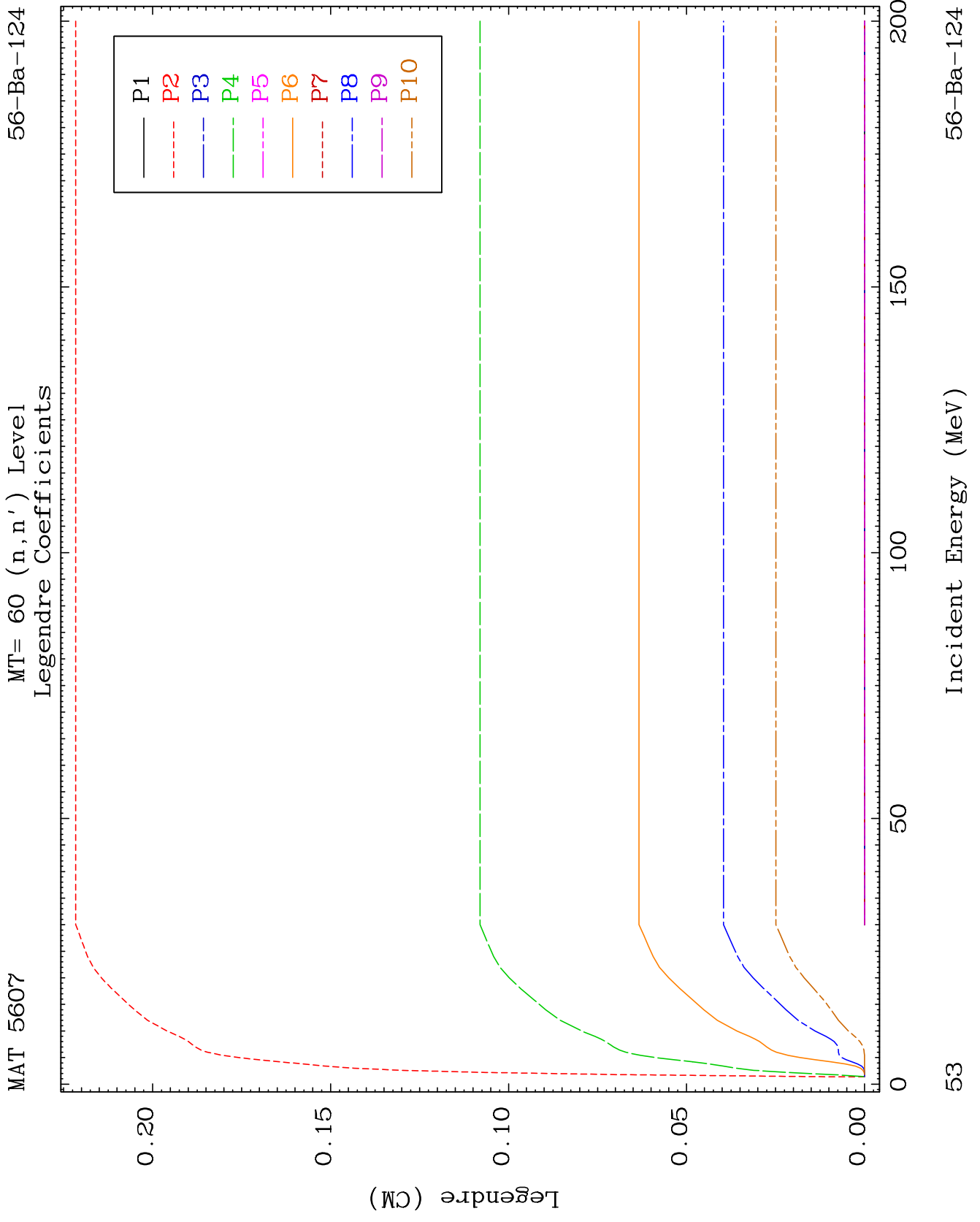
MT= 59 (n,n') Level  
Legendre Coefficients

56-Ba-124



52

56-Ba-124







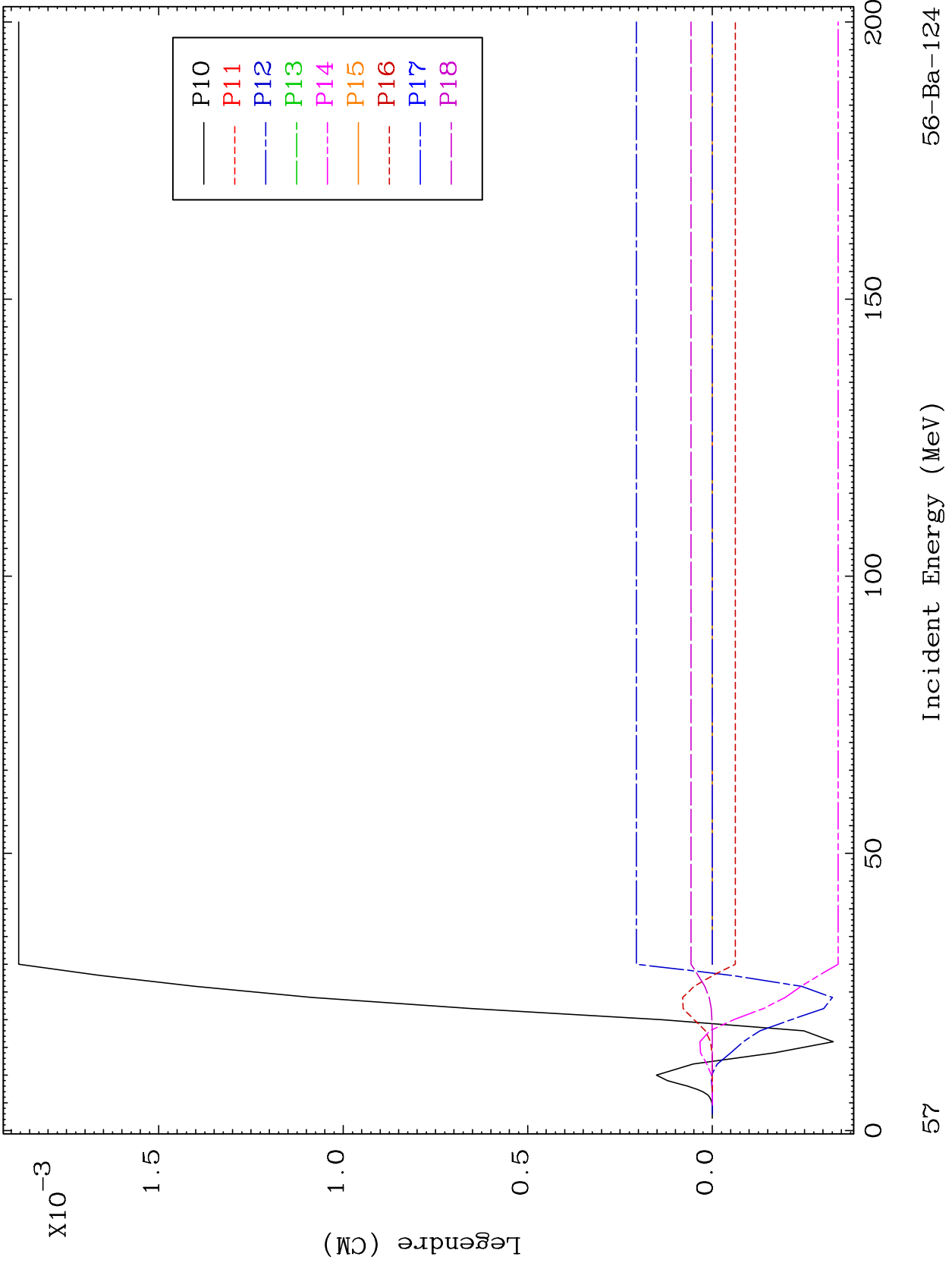




MAT 5607

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

56-Ba-124



57

Incident Energy (MeV)

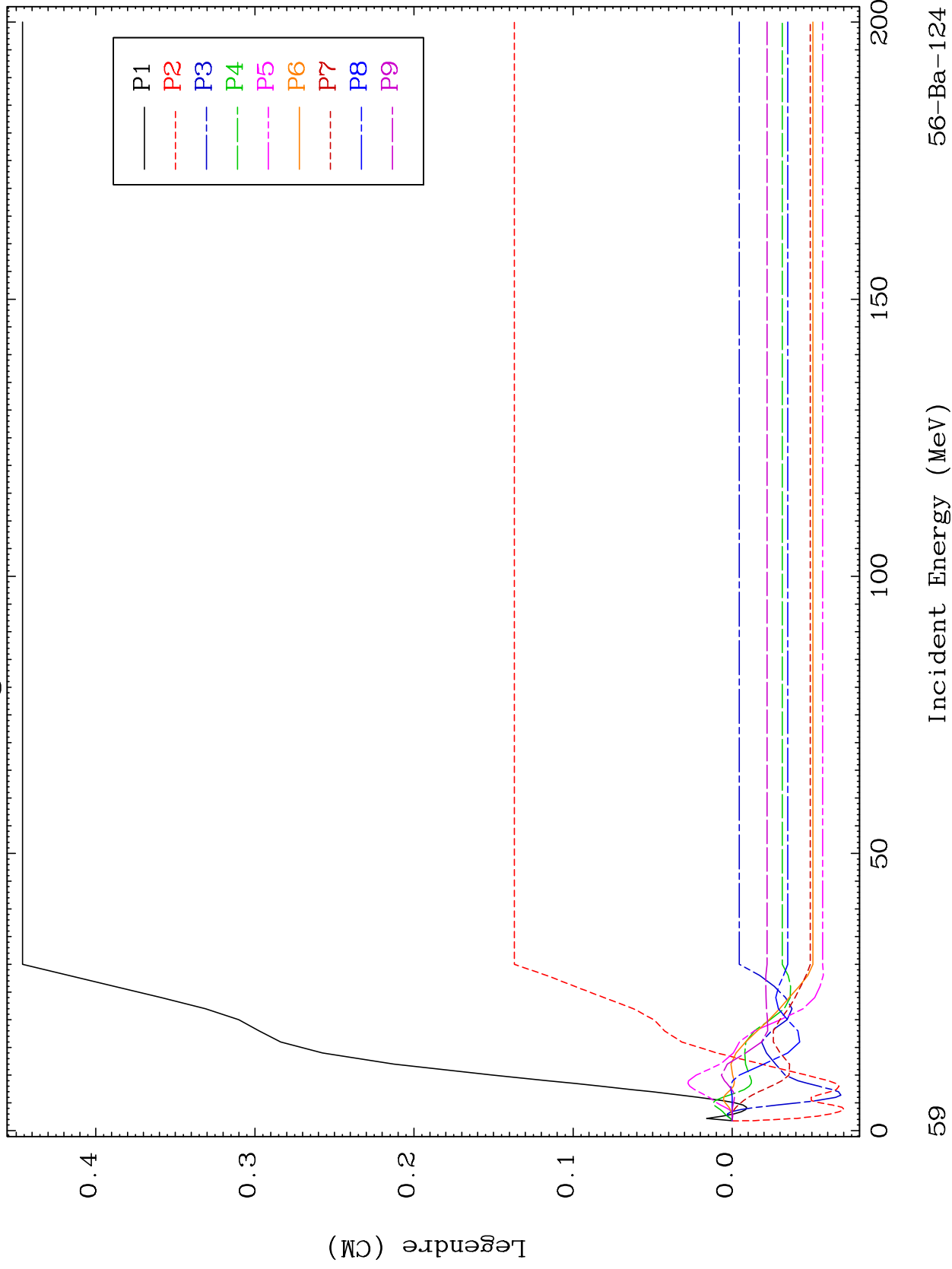
56-Ba-124



MAT 5607

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

56-Ba-124



56-Ba-124

Incident Energy (MeV)

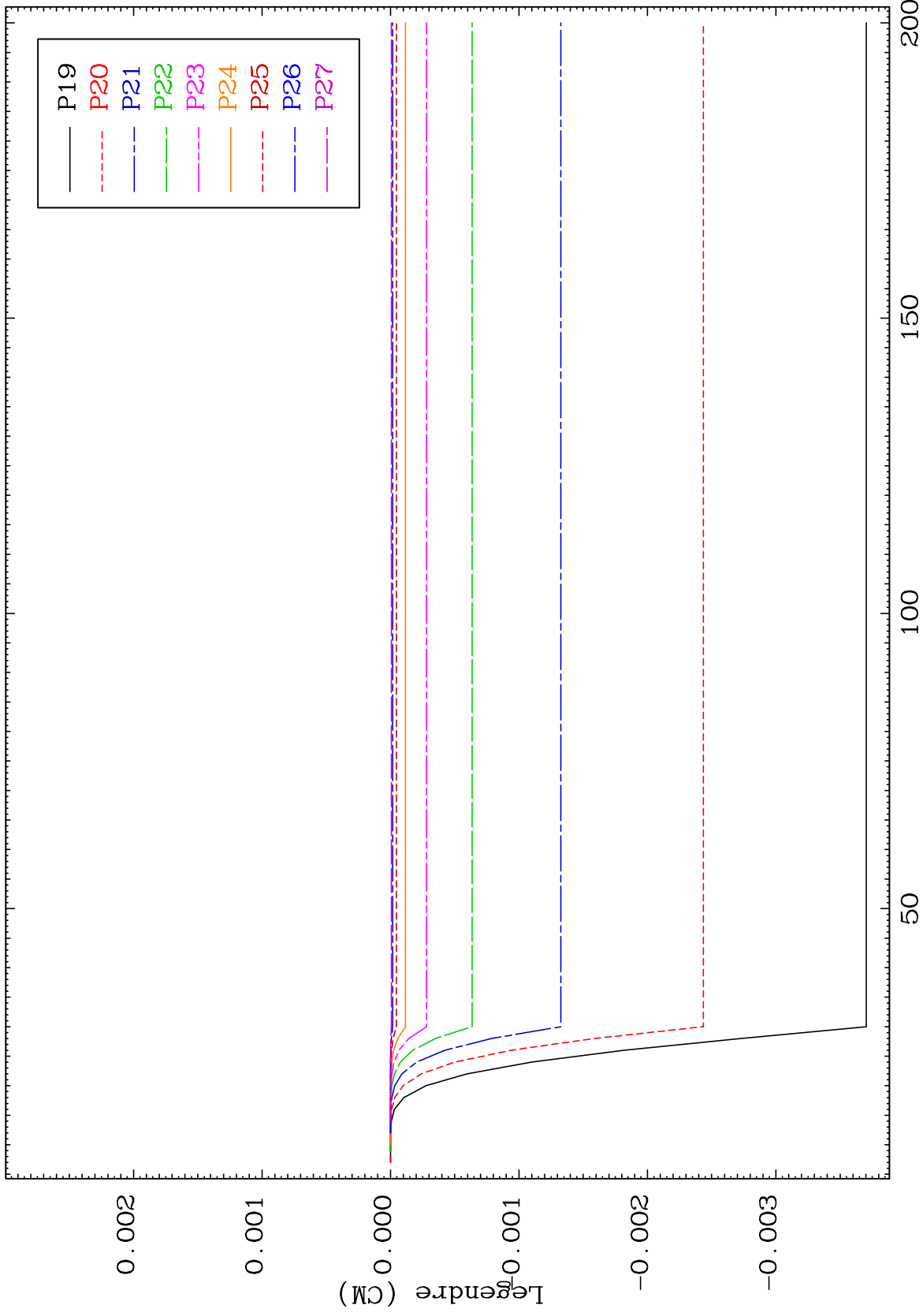
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MAT 5607

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

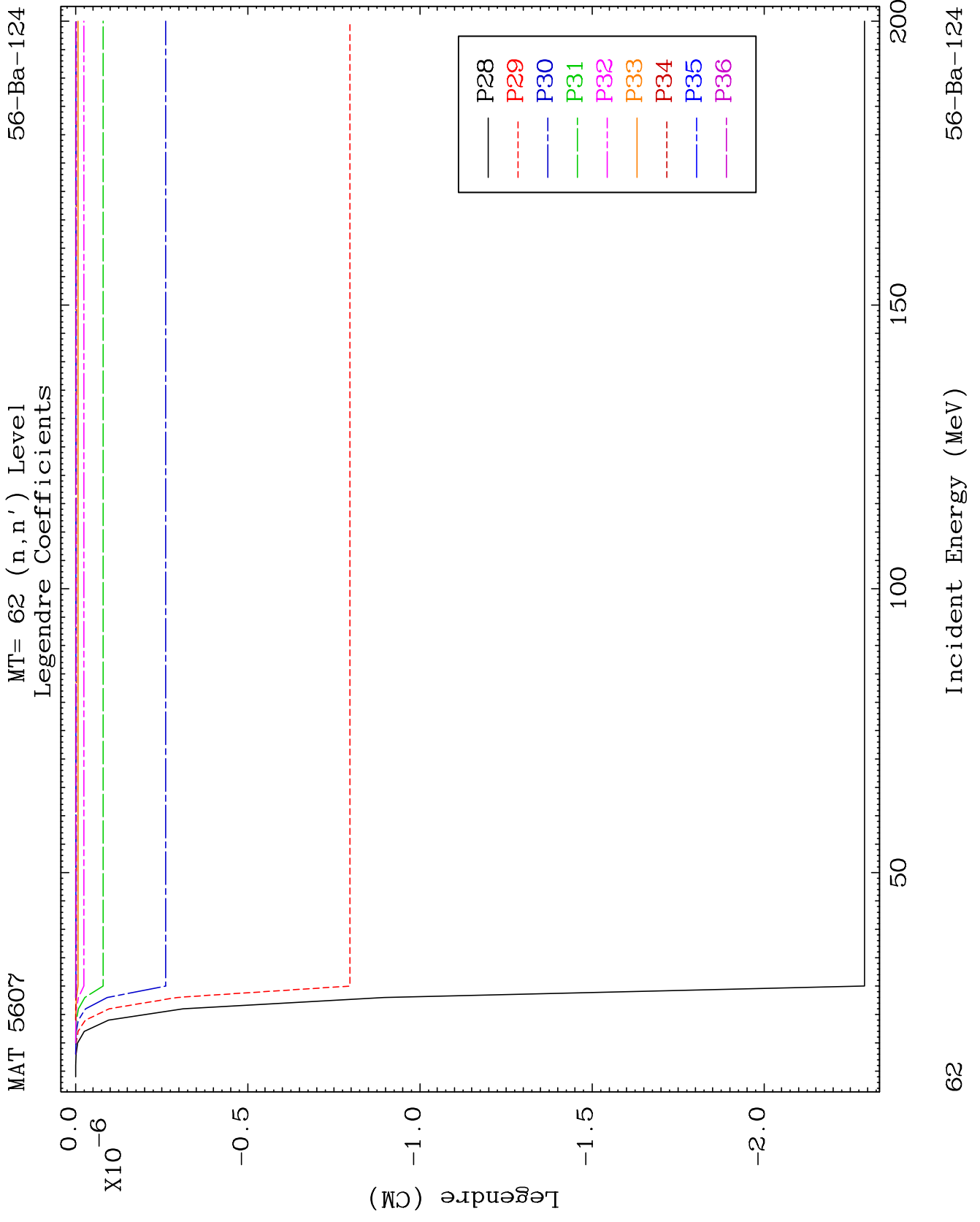
56-Ba-124



61

Incident Energy (MeV)

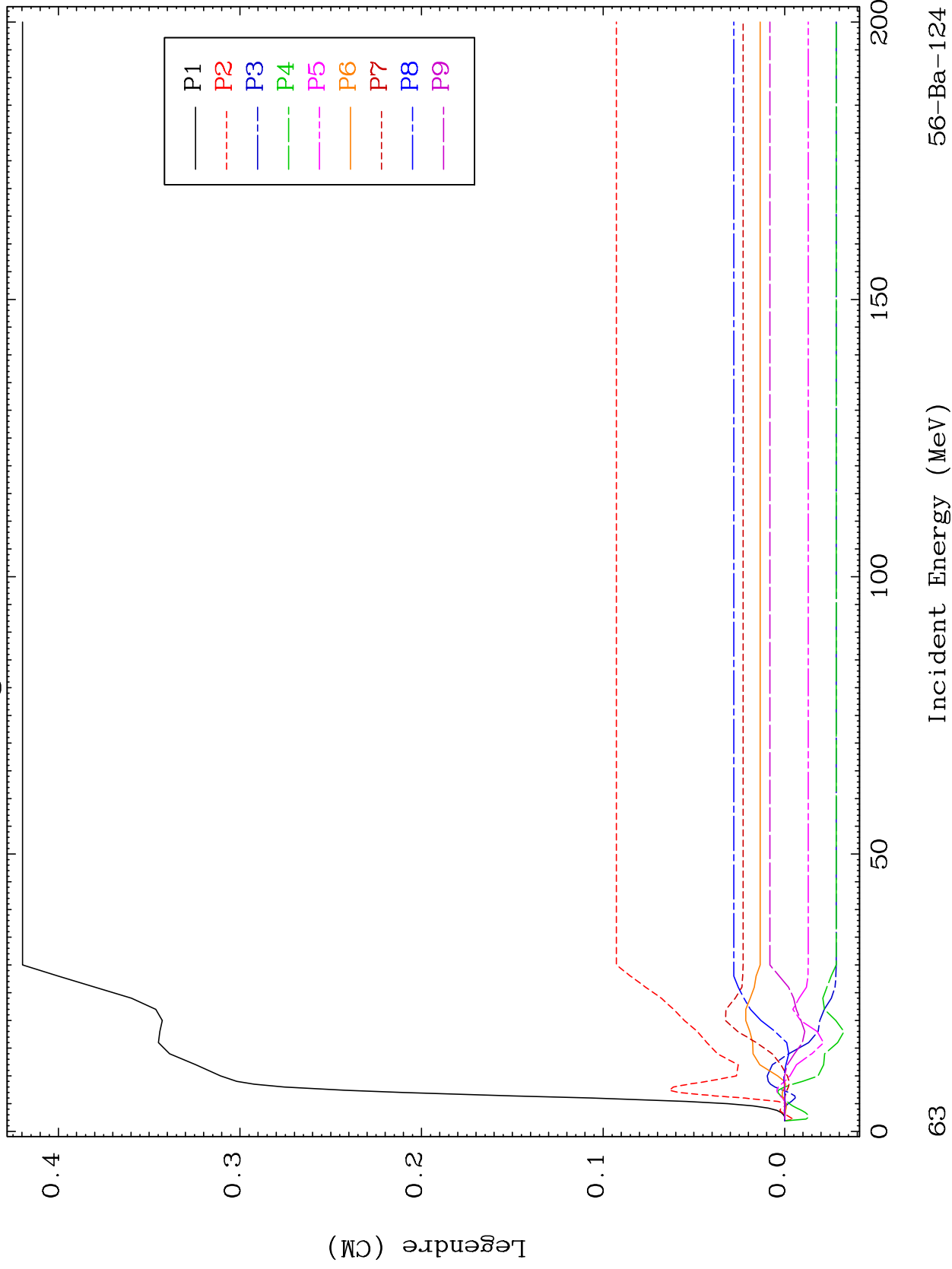
56-Ba-124



MAT 5607

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

56-Ba-124



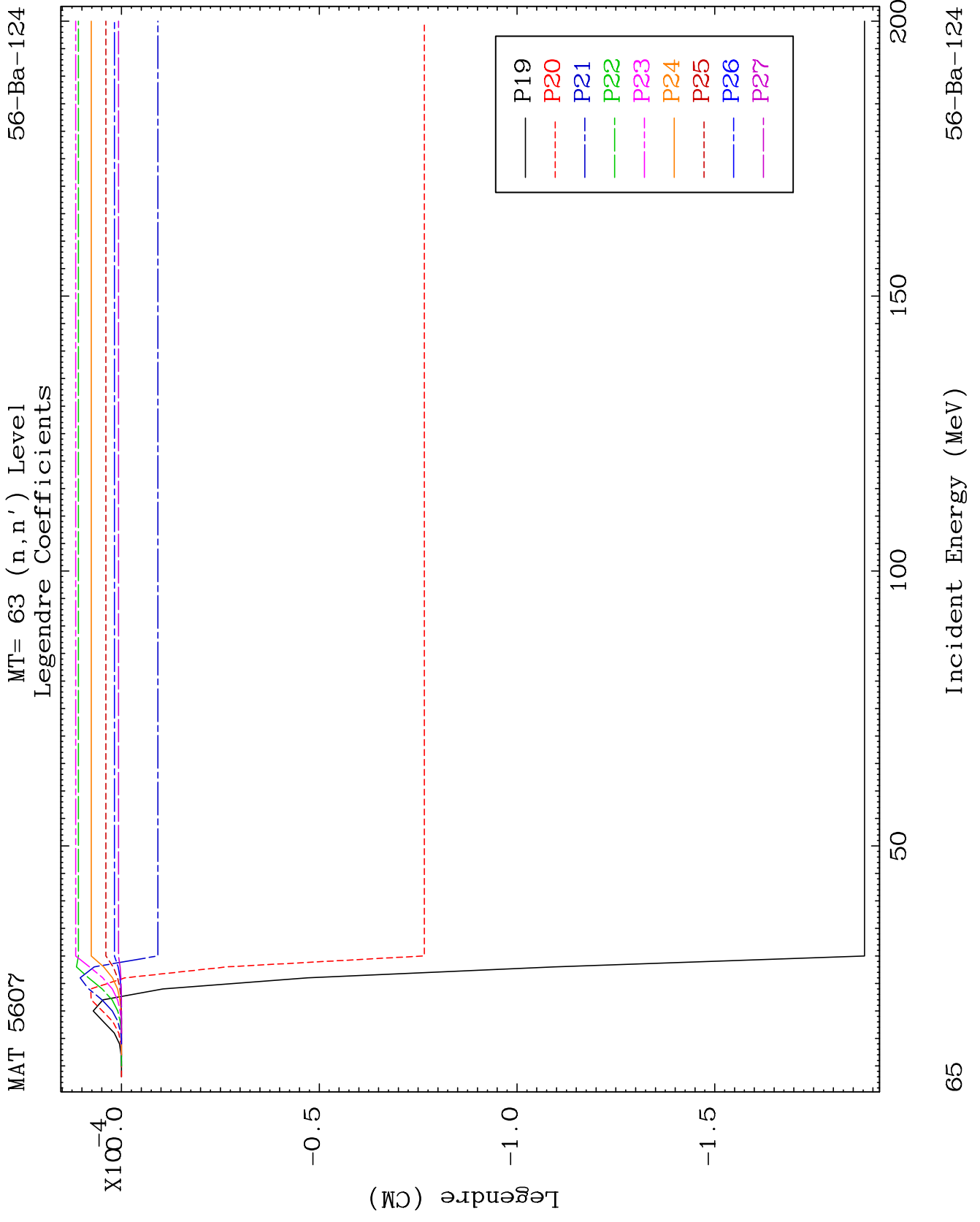
56-Ba-124

Incident Energy (MeV)

63



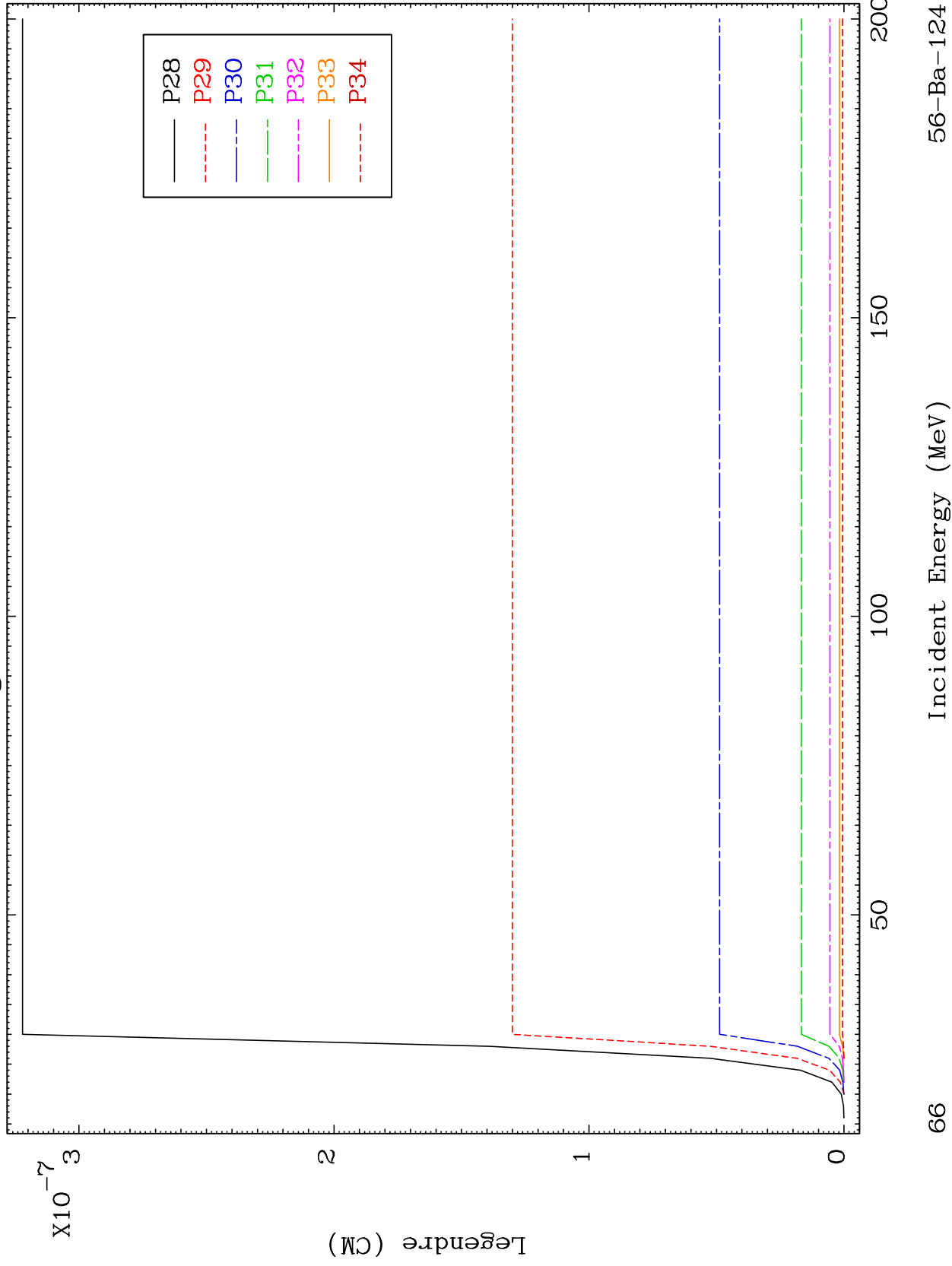




MAT 5607

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

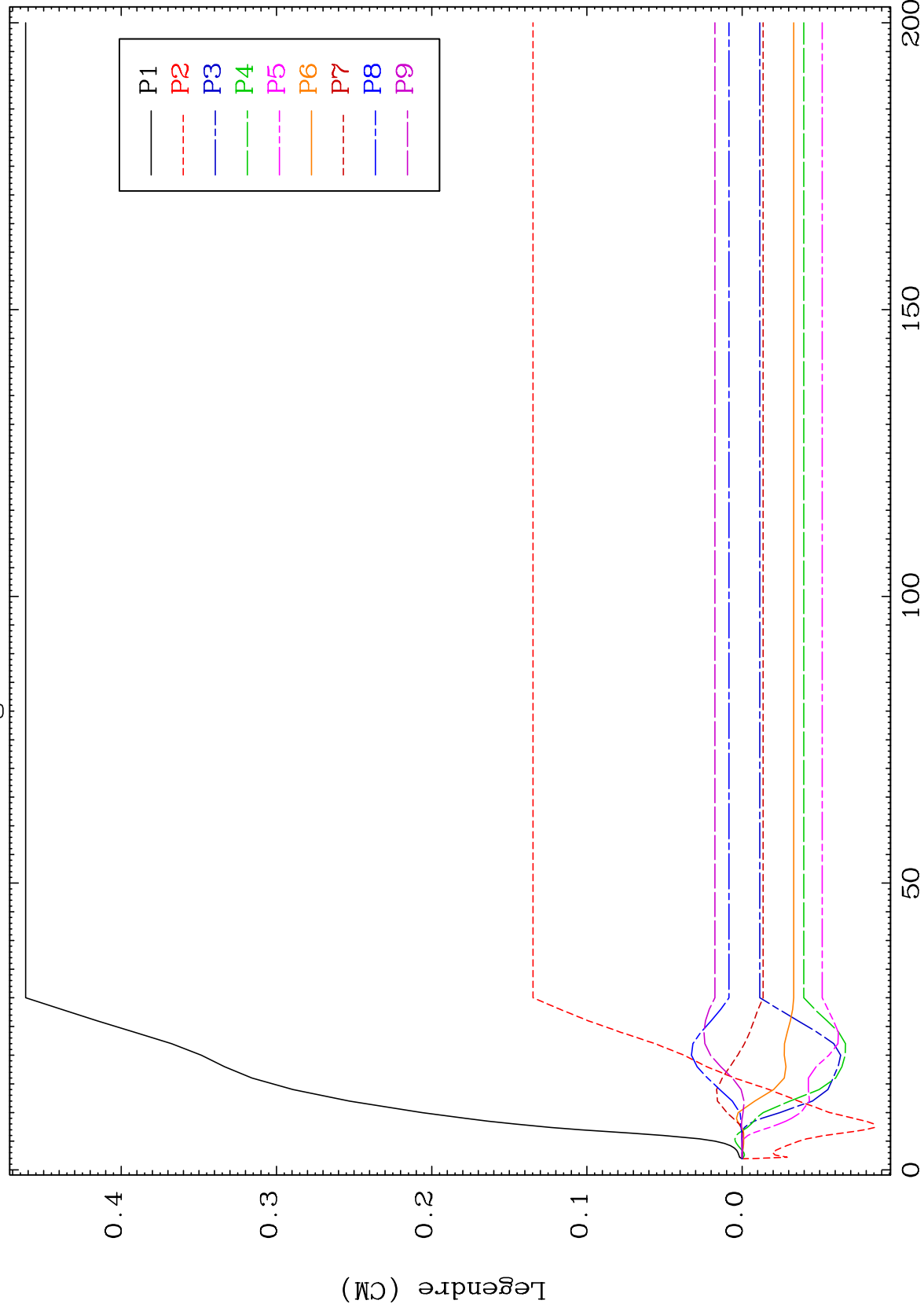
56-Ba-124



MAT 5607

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

56-Ba-124



56-Ba-124

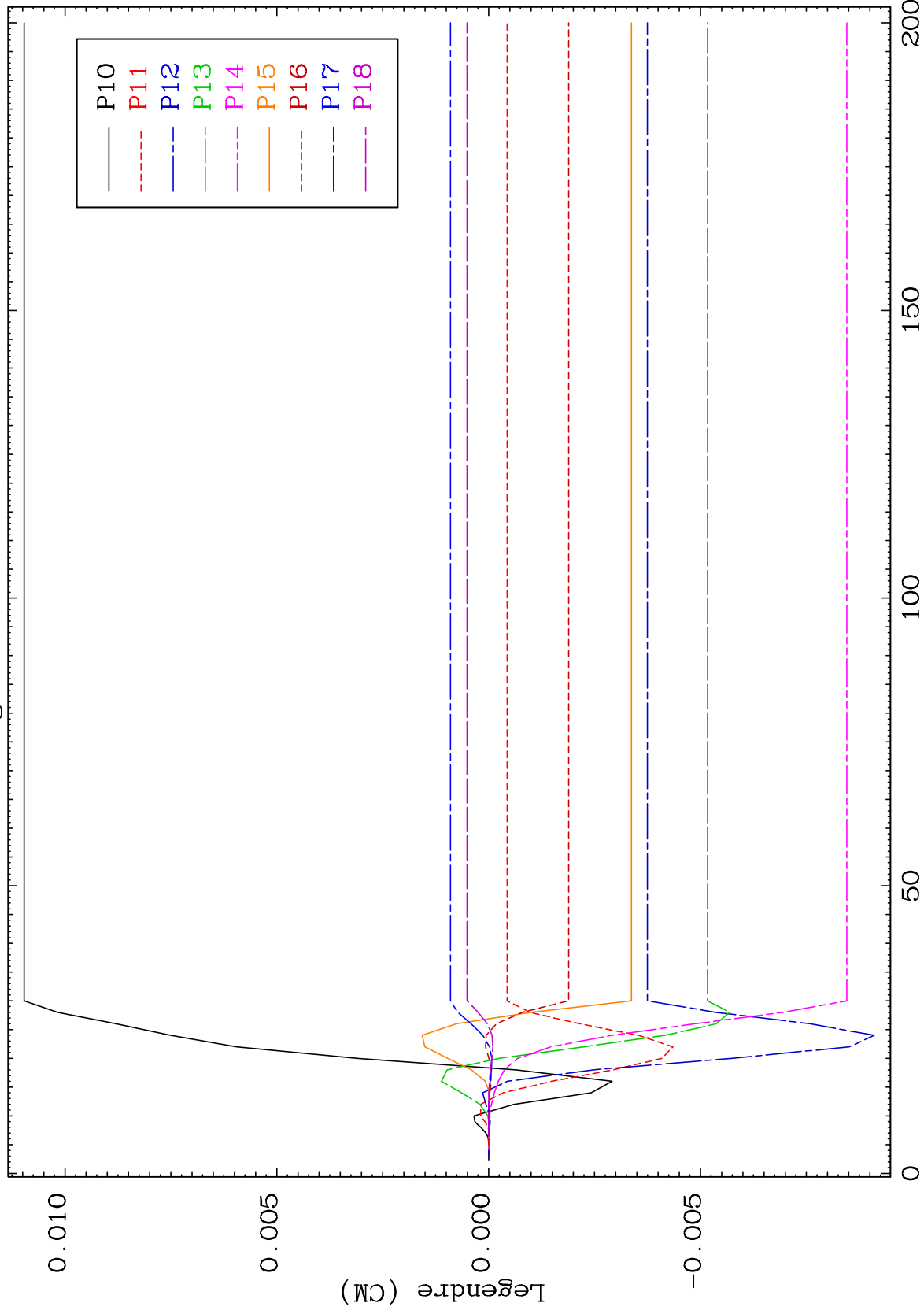
Incident Energy (MeV)

67

MAT 5607

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

56-Ba-124



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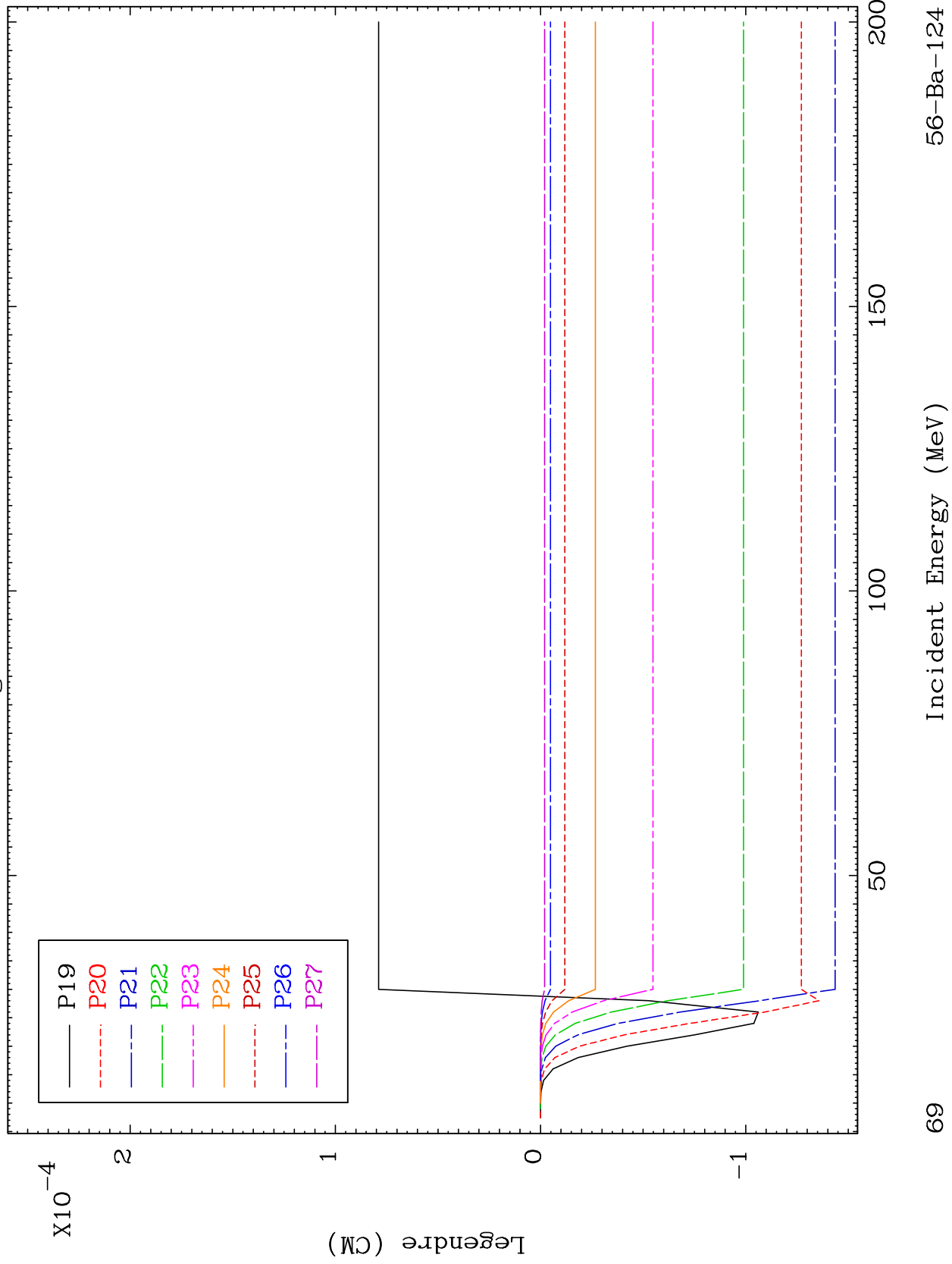
Incident Energy (MeV)

56-Ba-124

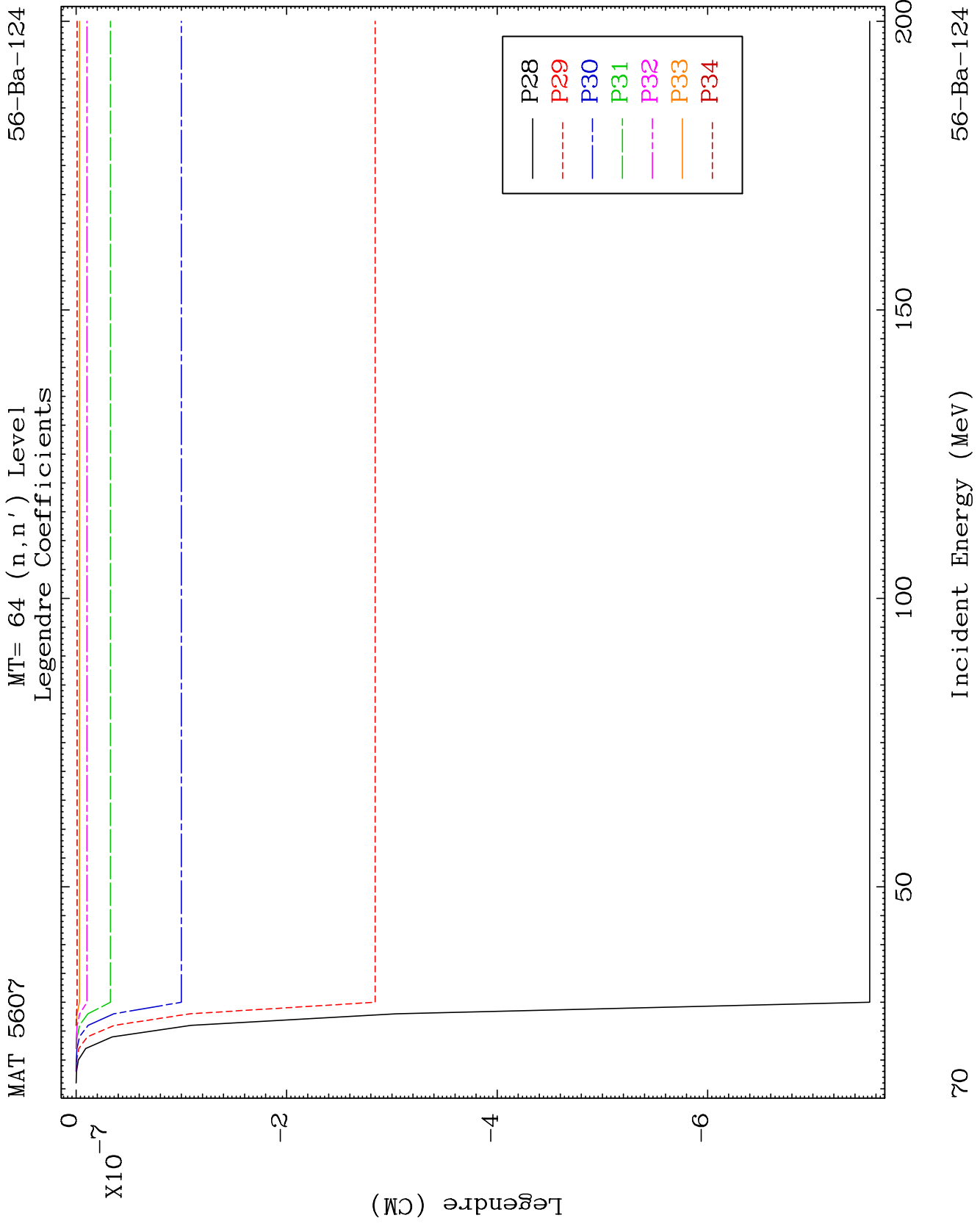
MAT 5607

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

56-Ba-124



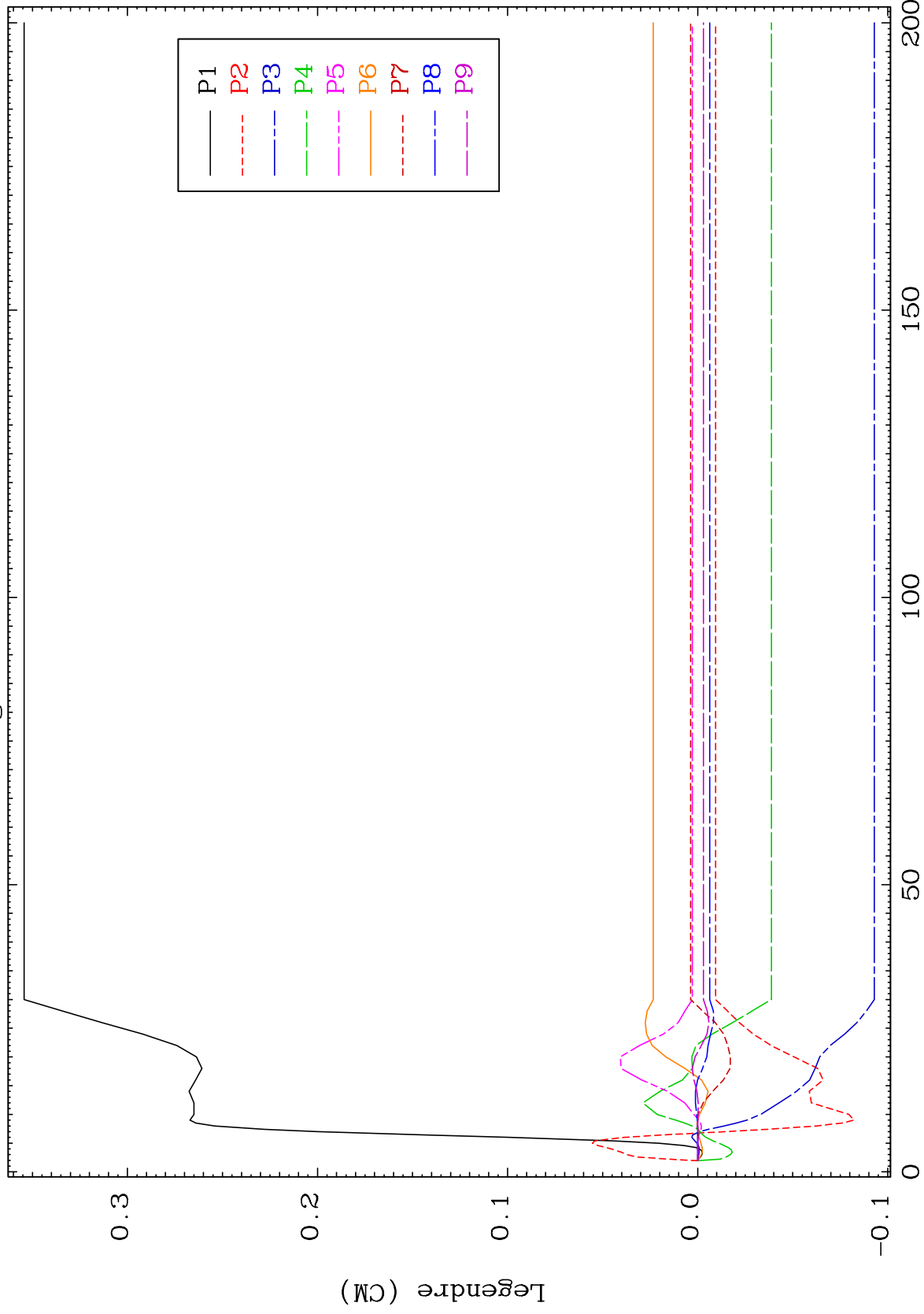
69



MAT 5607

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

56-Ba-124



71

Incident Energy (MeV)

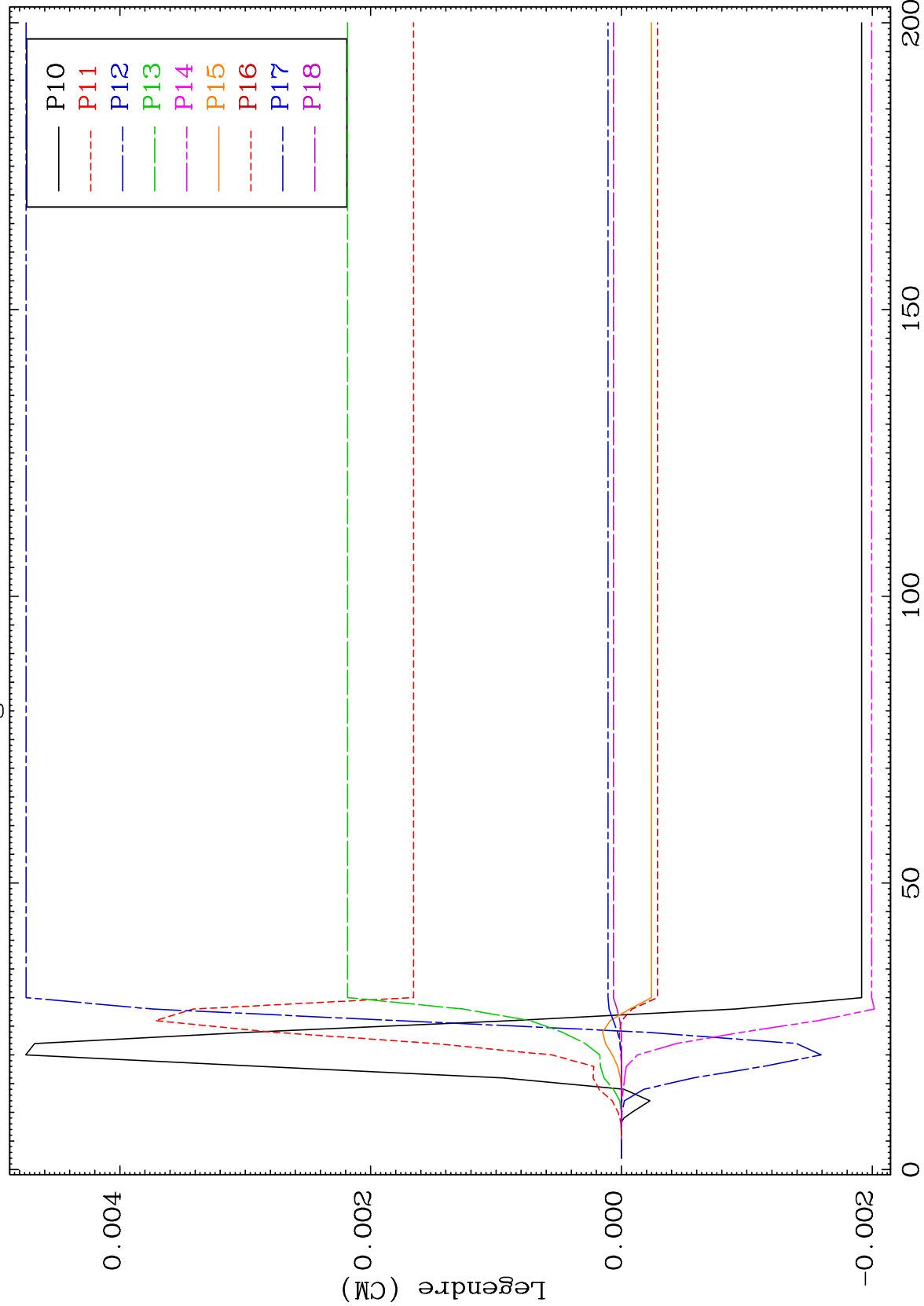
56-Ba-124



MAT 5607

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

56-Ba-124



56-Ba-124

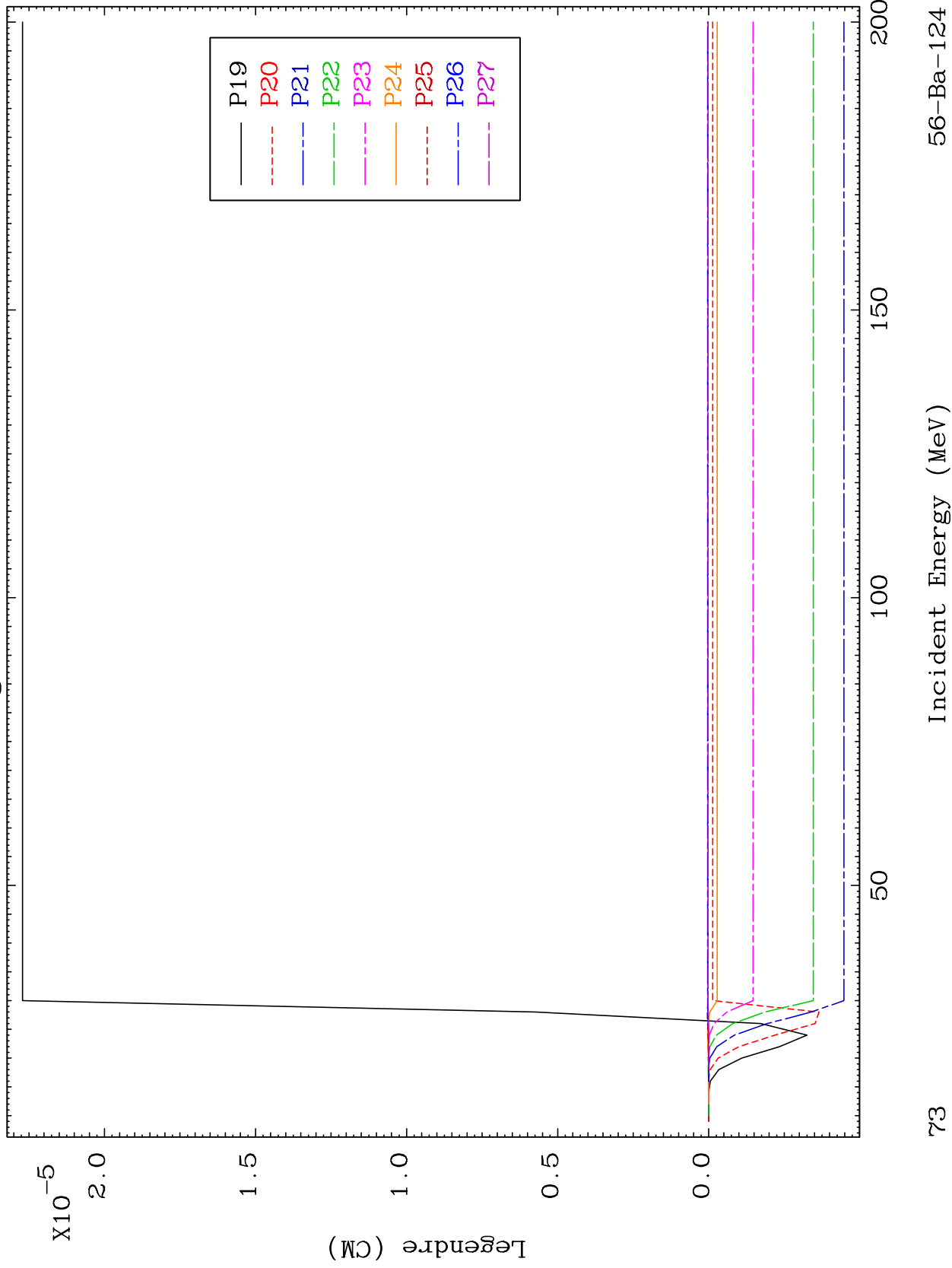
Incident Energy (MeV)

72

MAT 5607

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

56-Ba-124



73

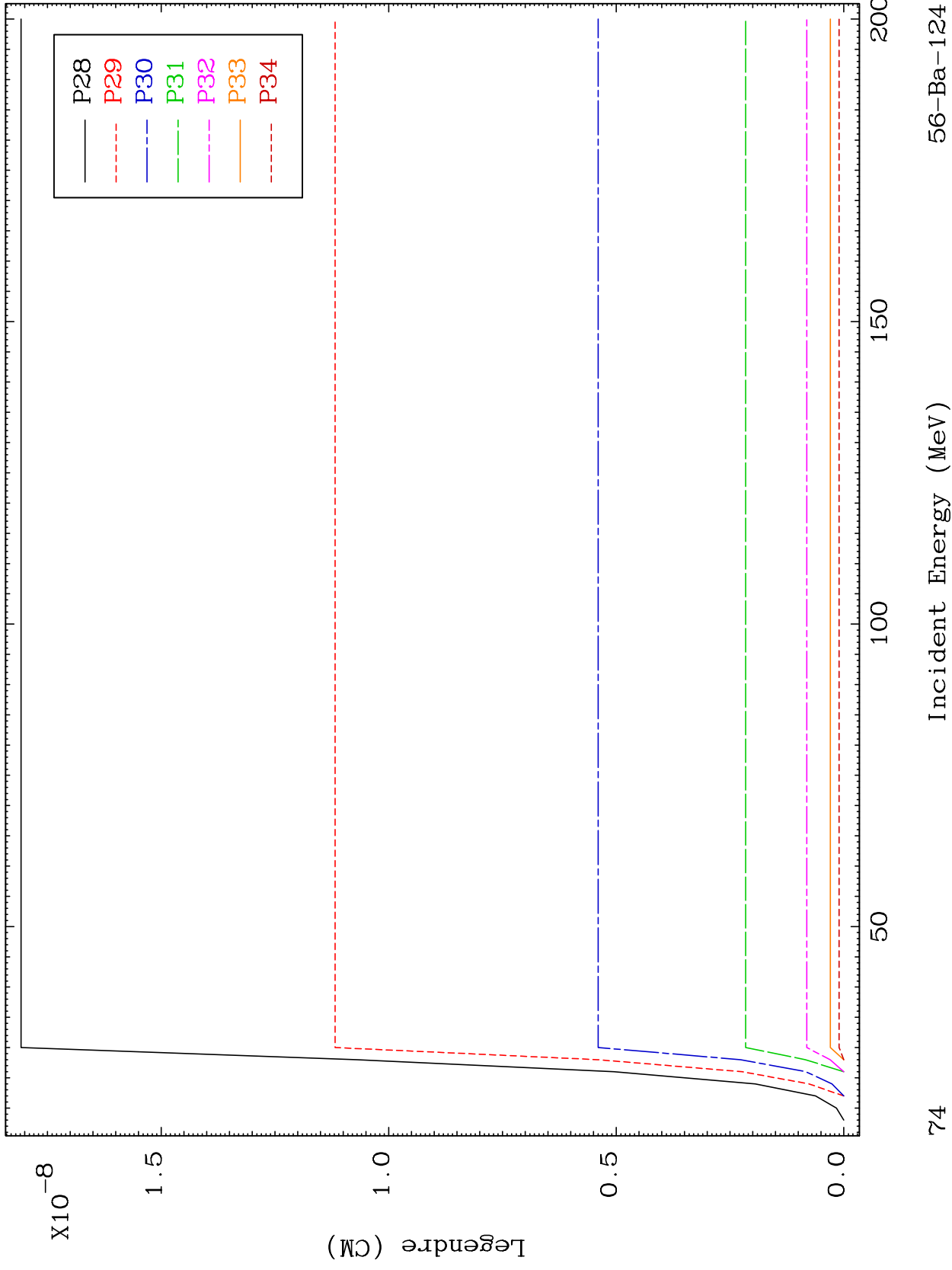
Incident Energy (MeV)

56-Ba-124

MAT 5607

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

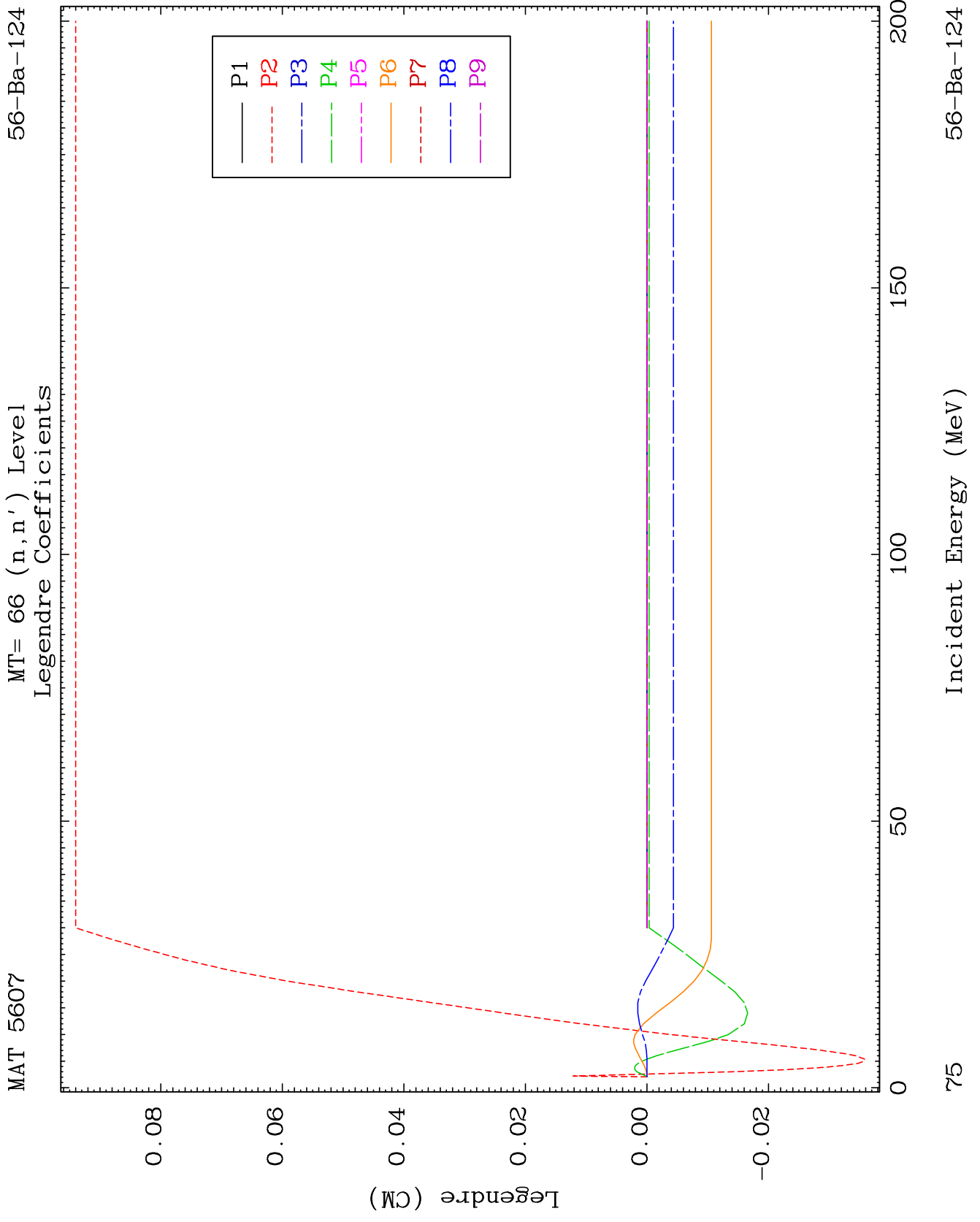
56-Ba-124



74

Incident Energy (MeV)

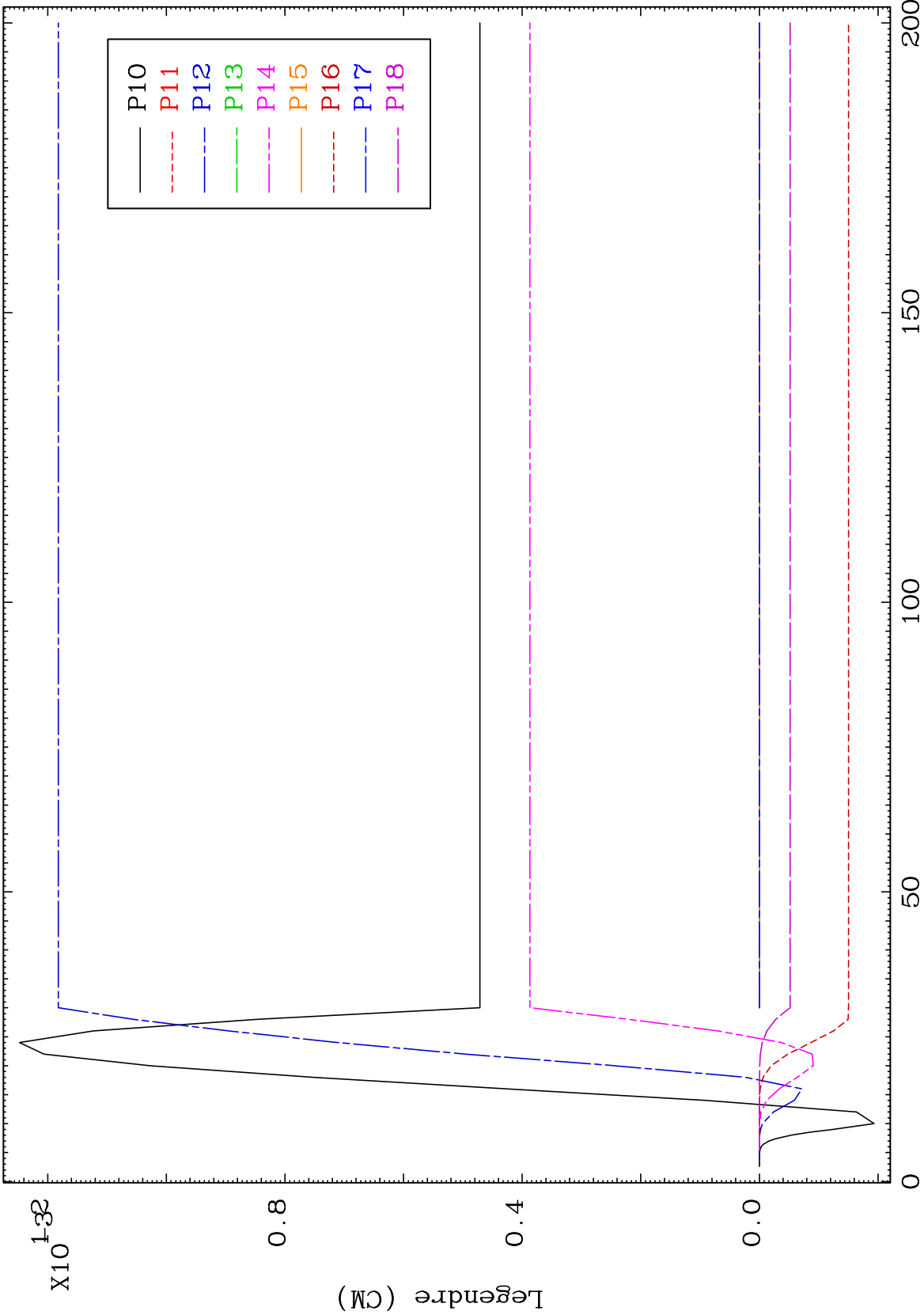
56-Ba-124



MAT 5607

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

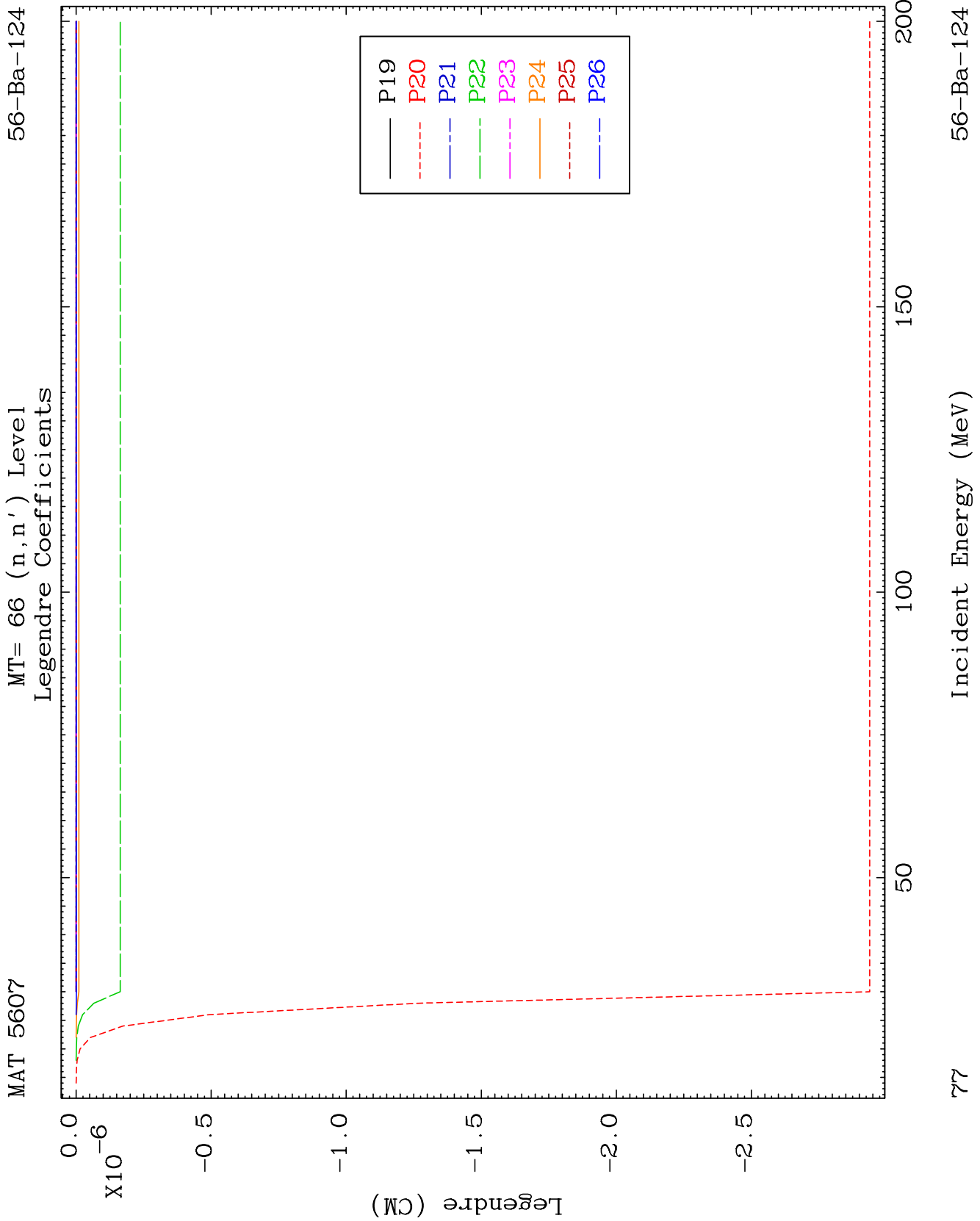
56-Ba-124



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Incident Energy (MeV)

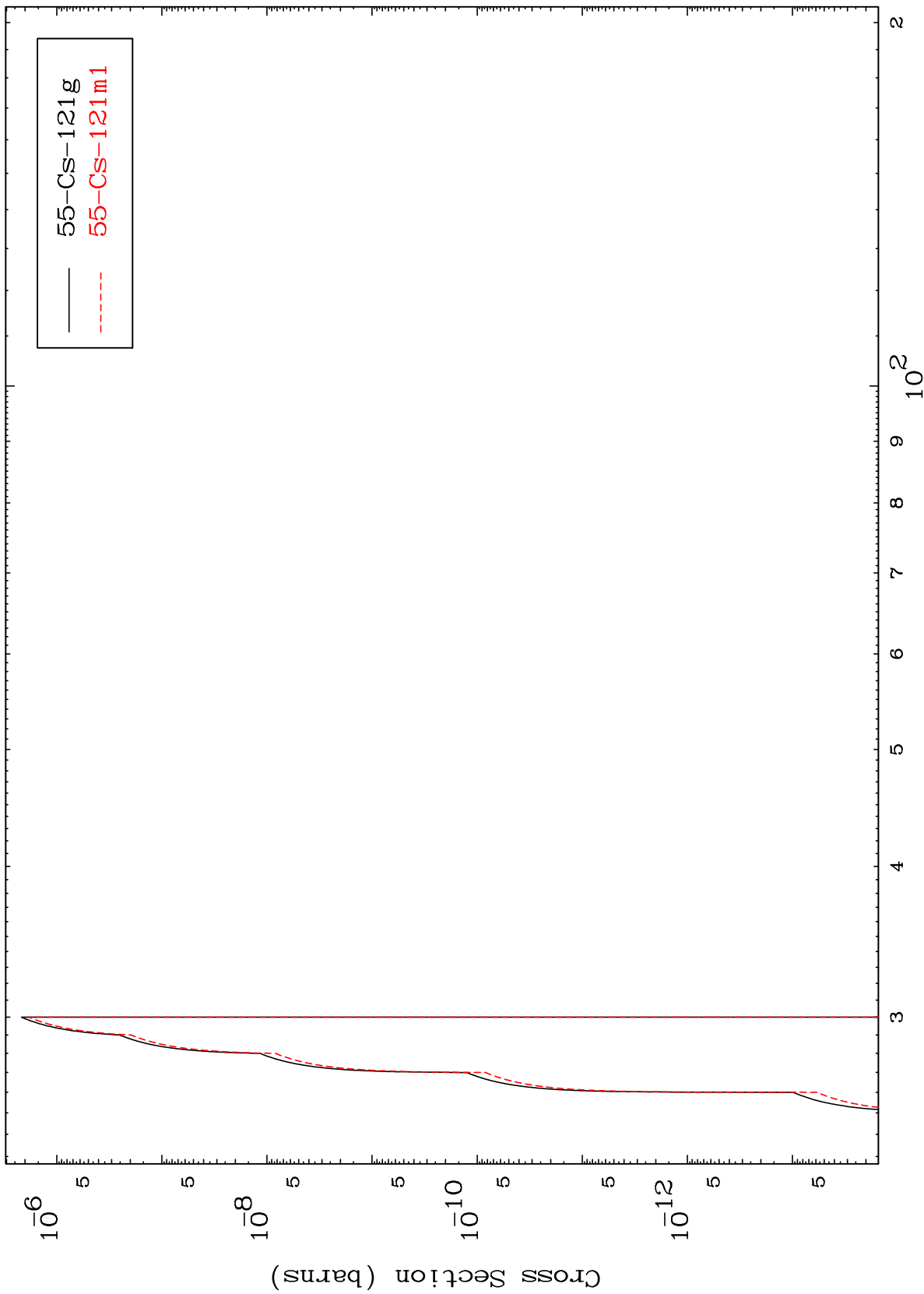
56-Ba-124



MAT 5607

56-Ba-124

(n,2n) d  
Radionuclide Production Cross Section



78

56-Ba-124

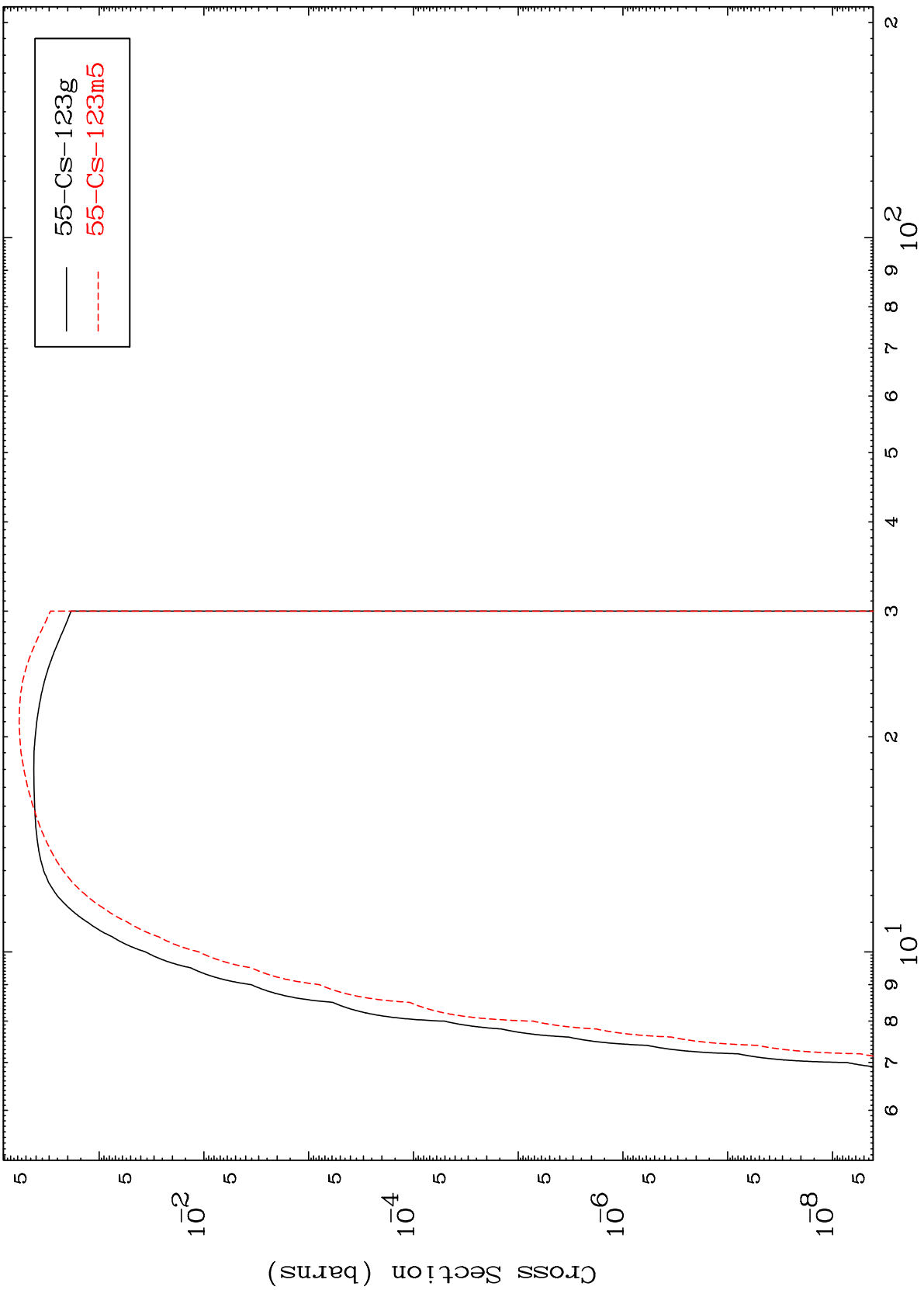
Incident Energy (MeV)

MAT 5607

(n,n') p

56-Ba-124

Radionuclide Production Cross Section



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Incident Energy (MeV)

56-Ba-124

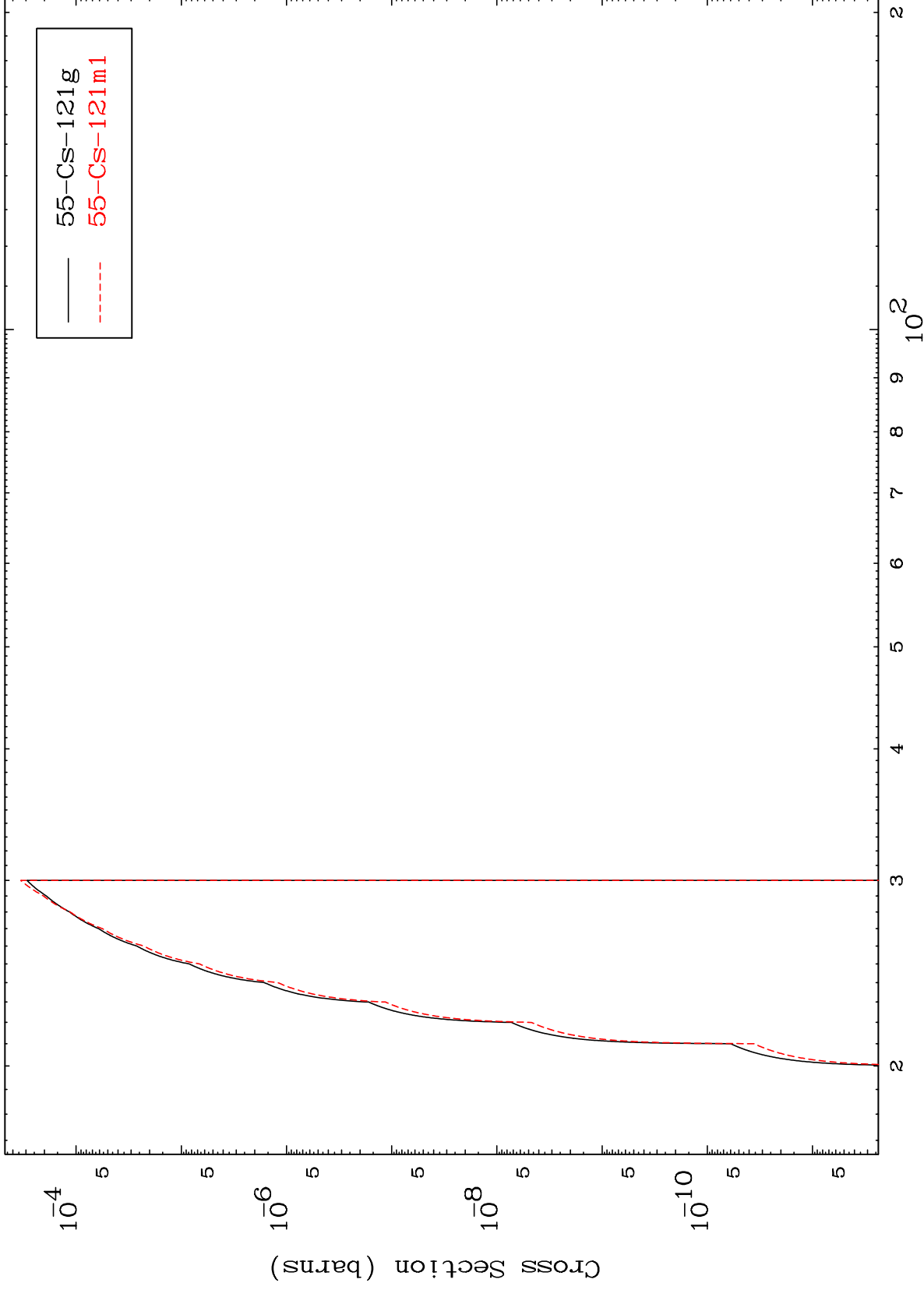


MAT 5607

(n,n') t

56-Ba-124

Radionuclide Production Cross Section



80

Incident Energy (MeV)

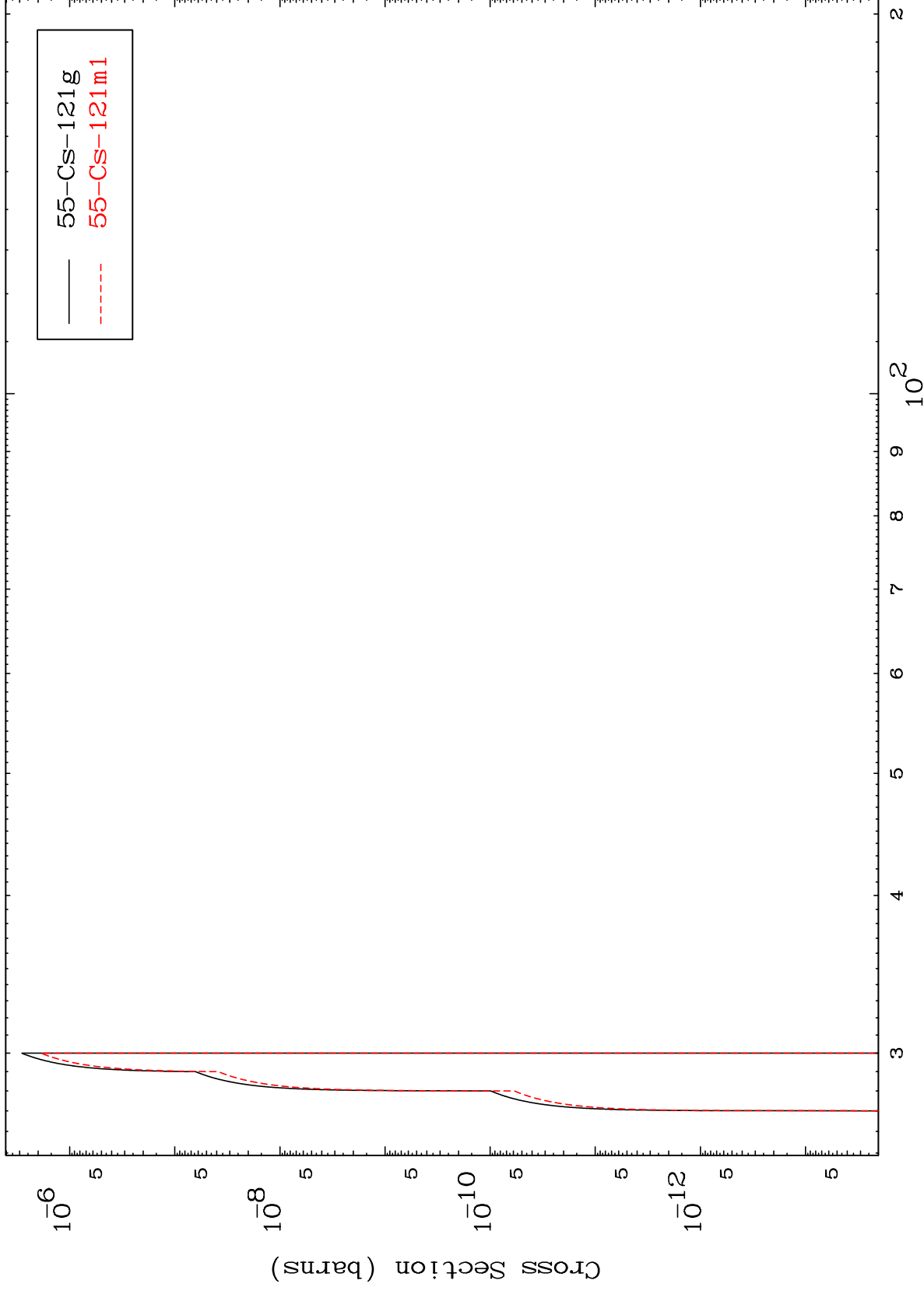
56-Ba-124

MAT 5607

(n,3n) p

56-Ba-124

Radionuclide Production Cross Section



81

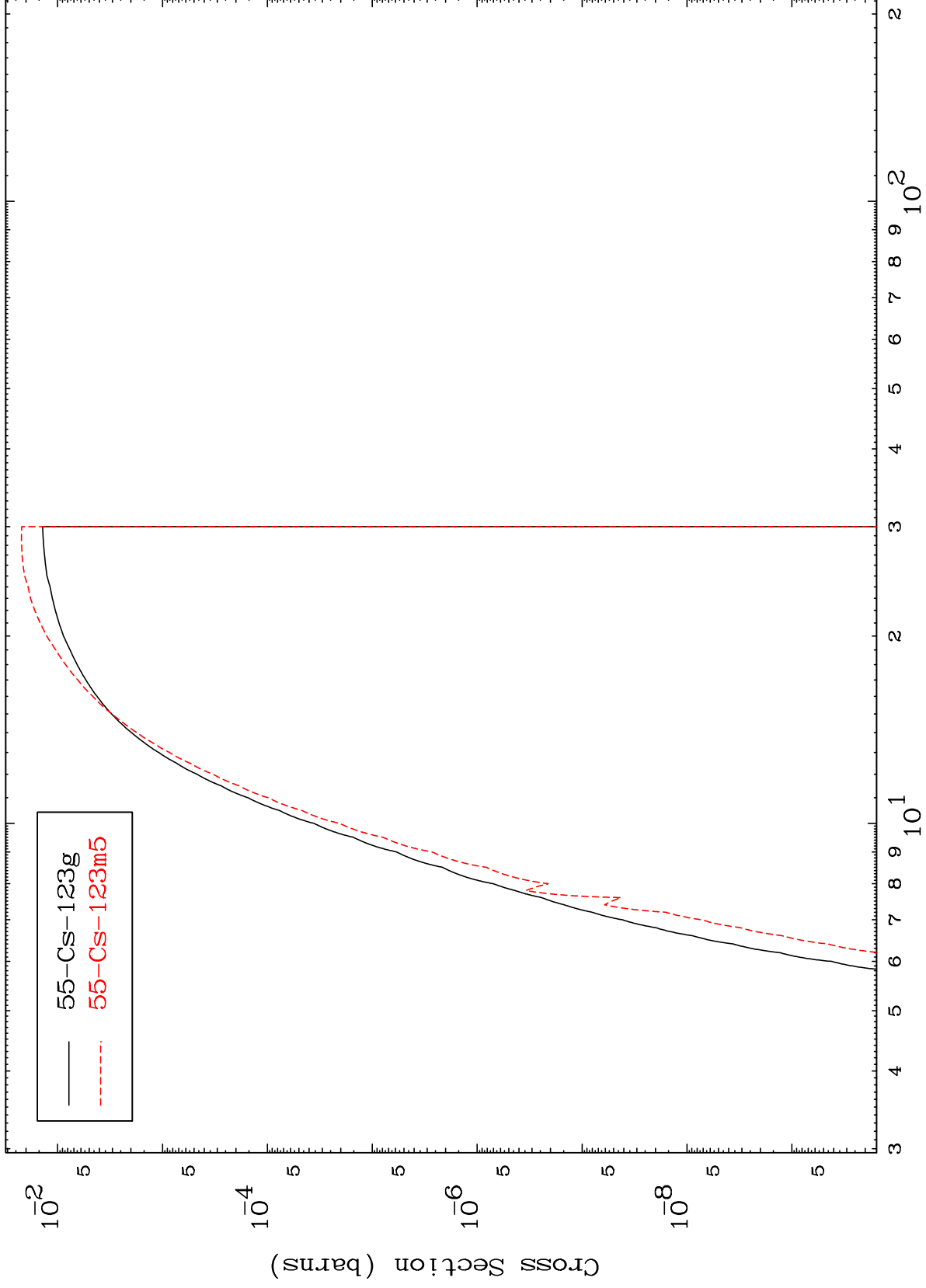
Incident Energy (MeV)

56-Ba-124

MAT 5607

56-Ba-124

(n,d)  
Radionuclide Production Cross Section



56-Ba-124

Incident Energy (MeV)

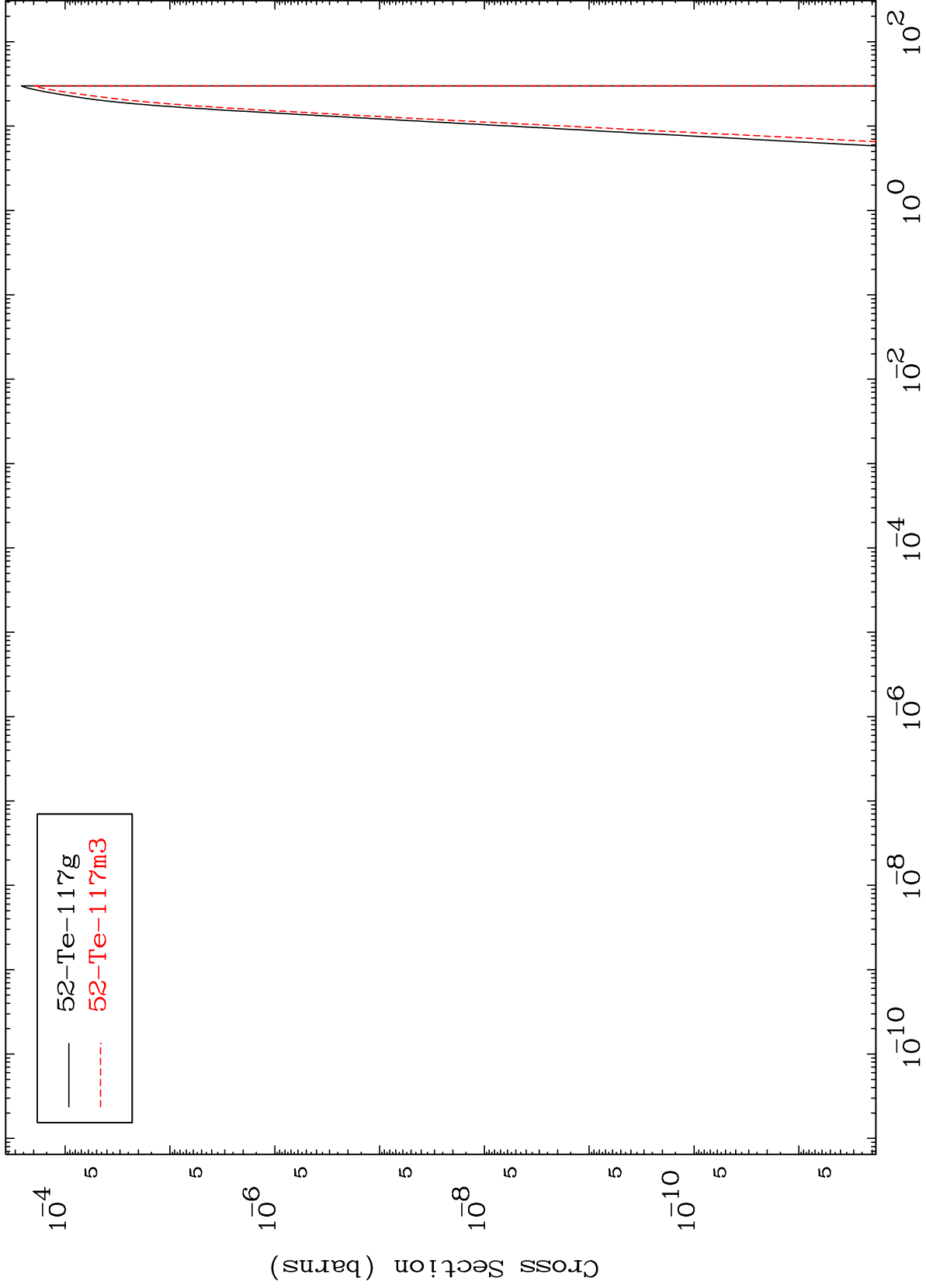
82

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(n,2α)

56-Ba-124

Radionuclide Production Cross Section

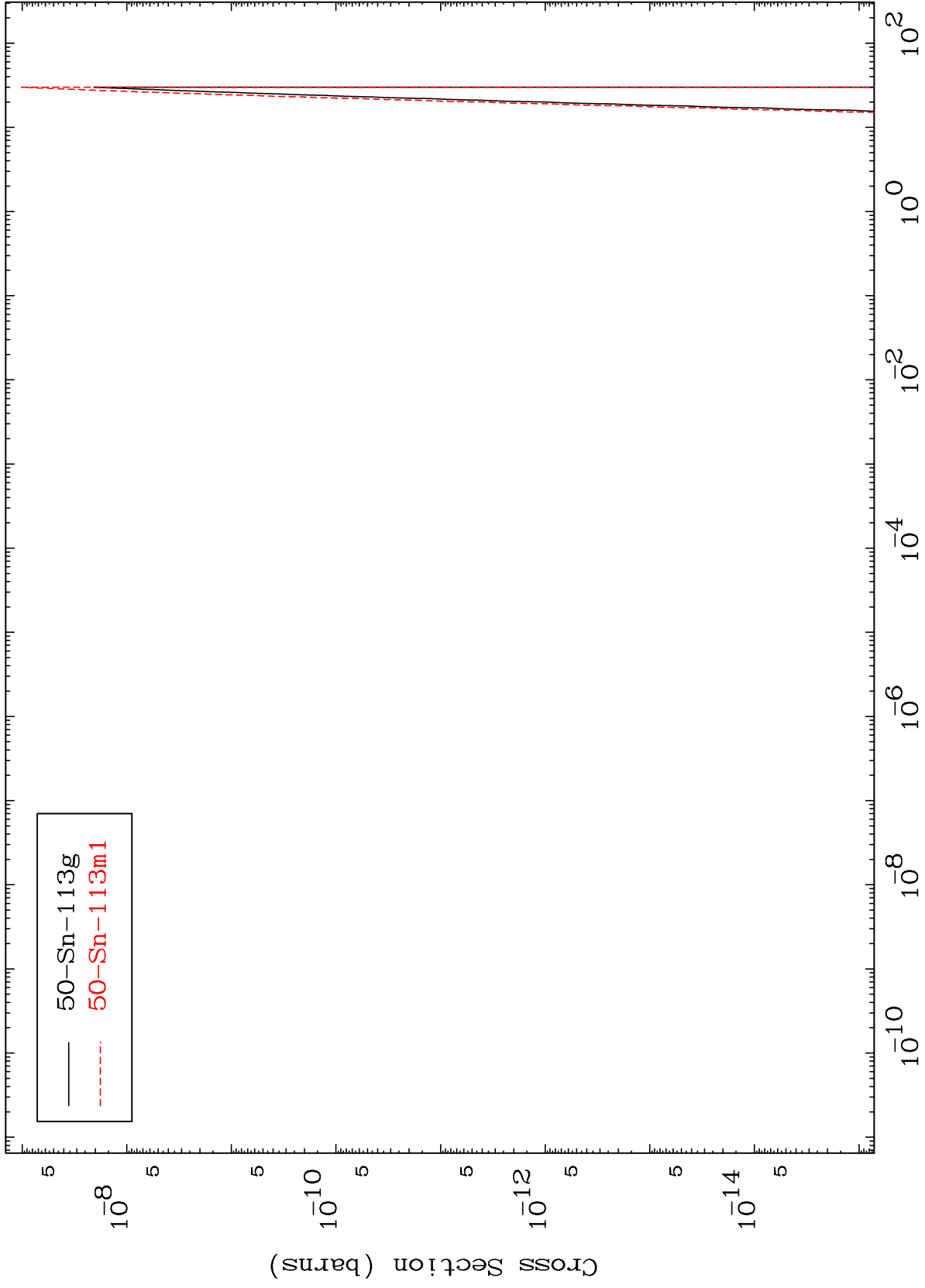


MAT 5607

(n, 3α)

56-Ba-124

Radionuclide Production Cross Section



84

Incident Energy (MeV)

56-Ba-124