

Program EVALPLOT
(Version 2021-1)

by

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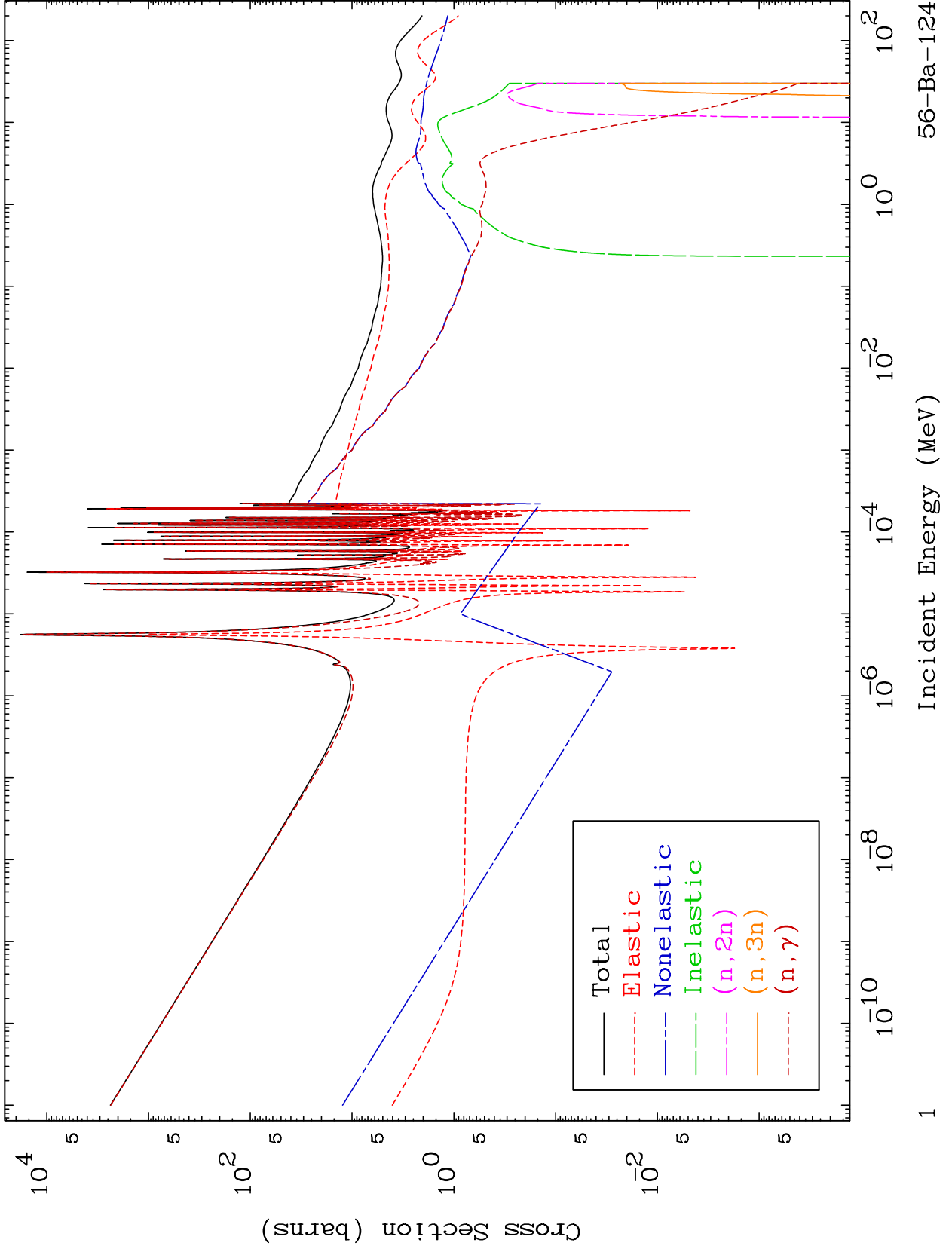
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Press Mouse Button to Start

MAT 5607

Neutron Major
293 Kelvin Cross Sections

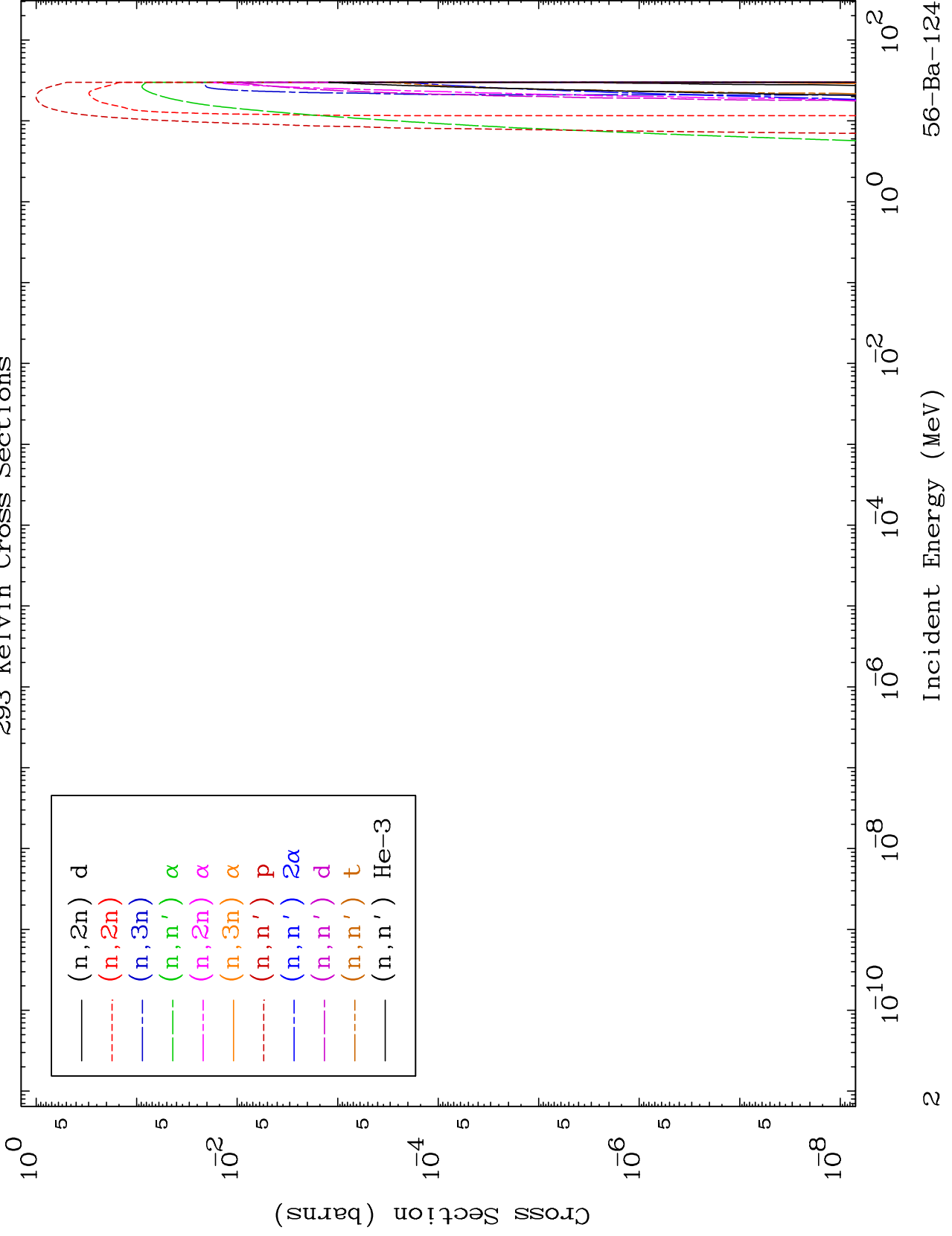
56-Ba-124



MAT 5607

Neutron Absorption
293 Kelvin Cross Sections

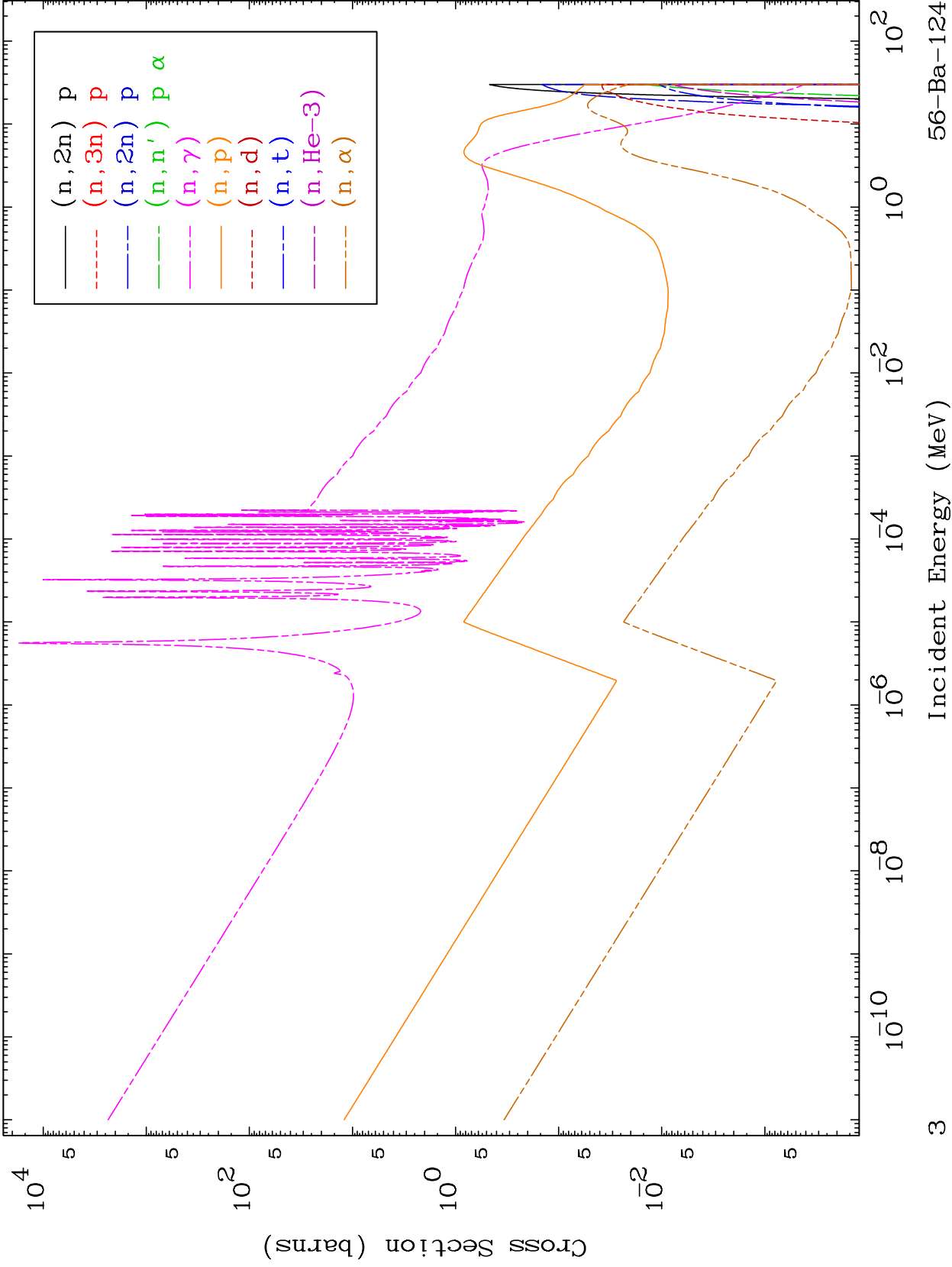
56-Ba-124



MAT 5607

Neutron Absorption
293 Kelvin Cross Sections

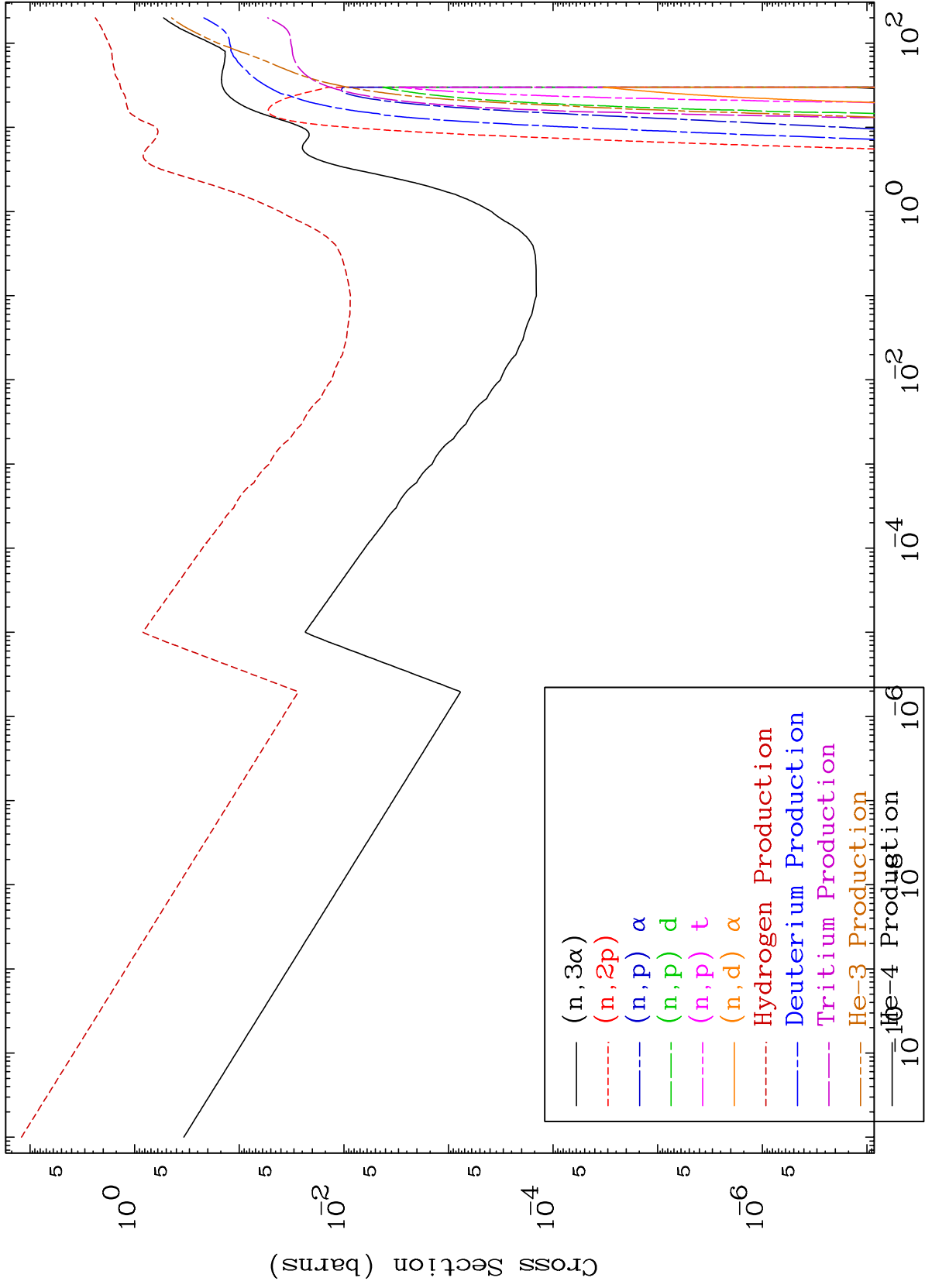
56-Ba-124



MAT 5607

Neutron Absorption
293 Kelvin Cross Sections

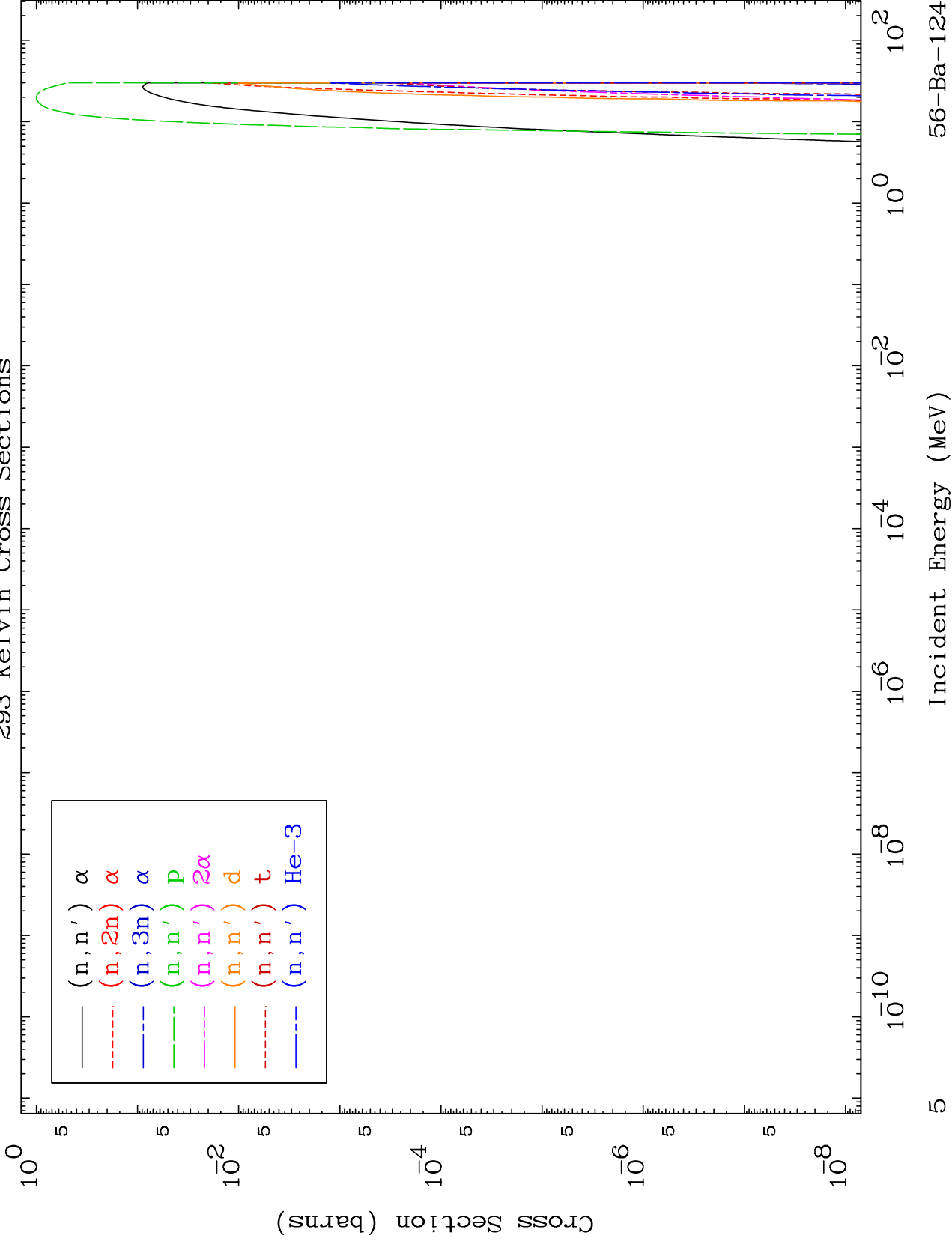
56-Ba-124



MAT 5607

Charged Particle
293 Kelvin Cross Sections

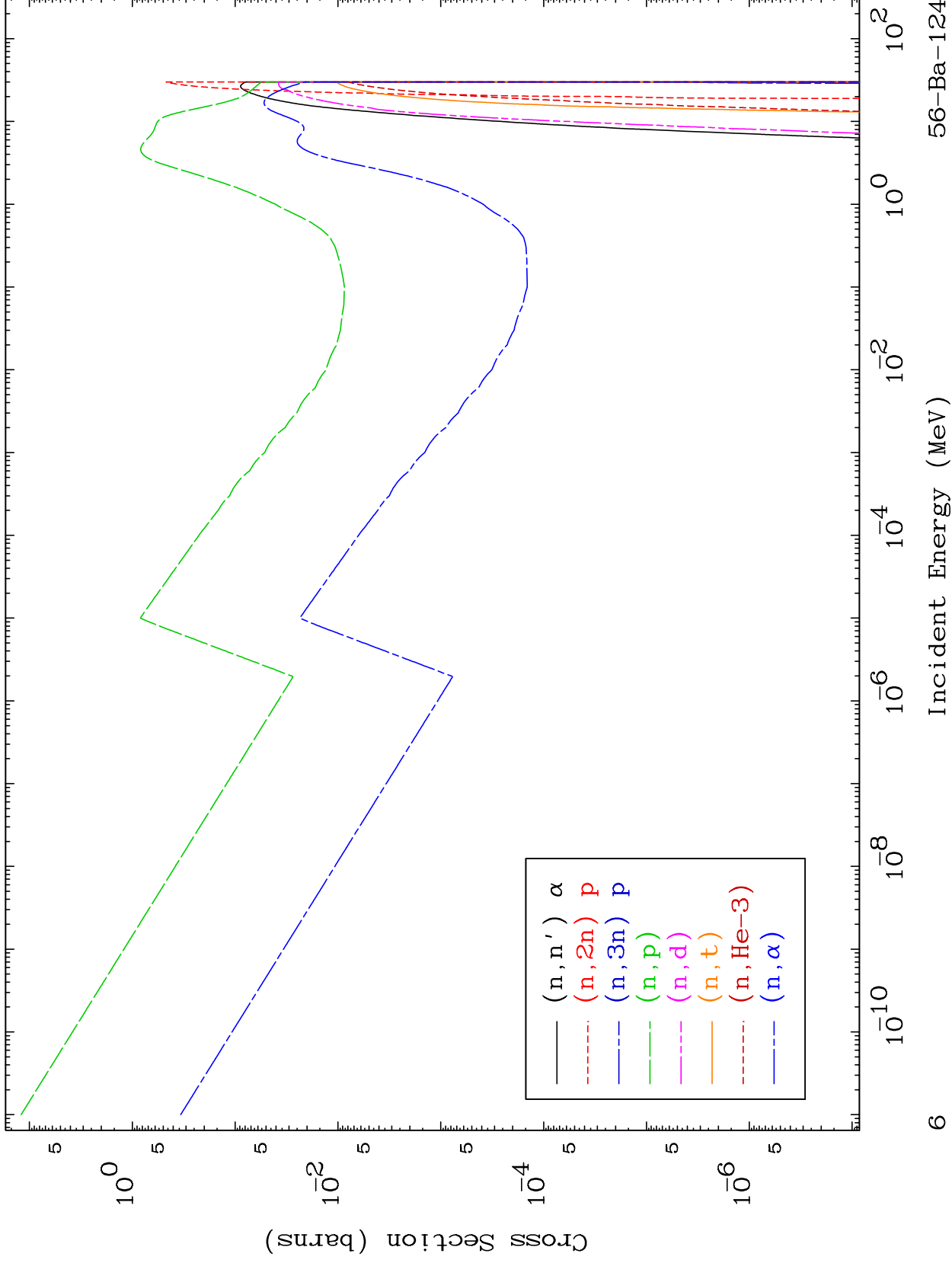
56-Ba-124



MAT 5607

Charged Particle
293 Kelvin Cross Sections

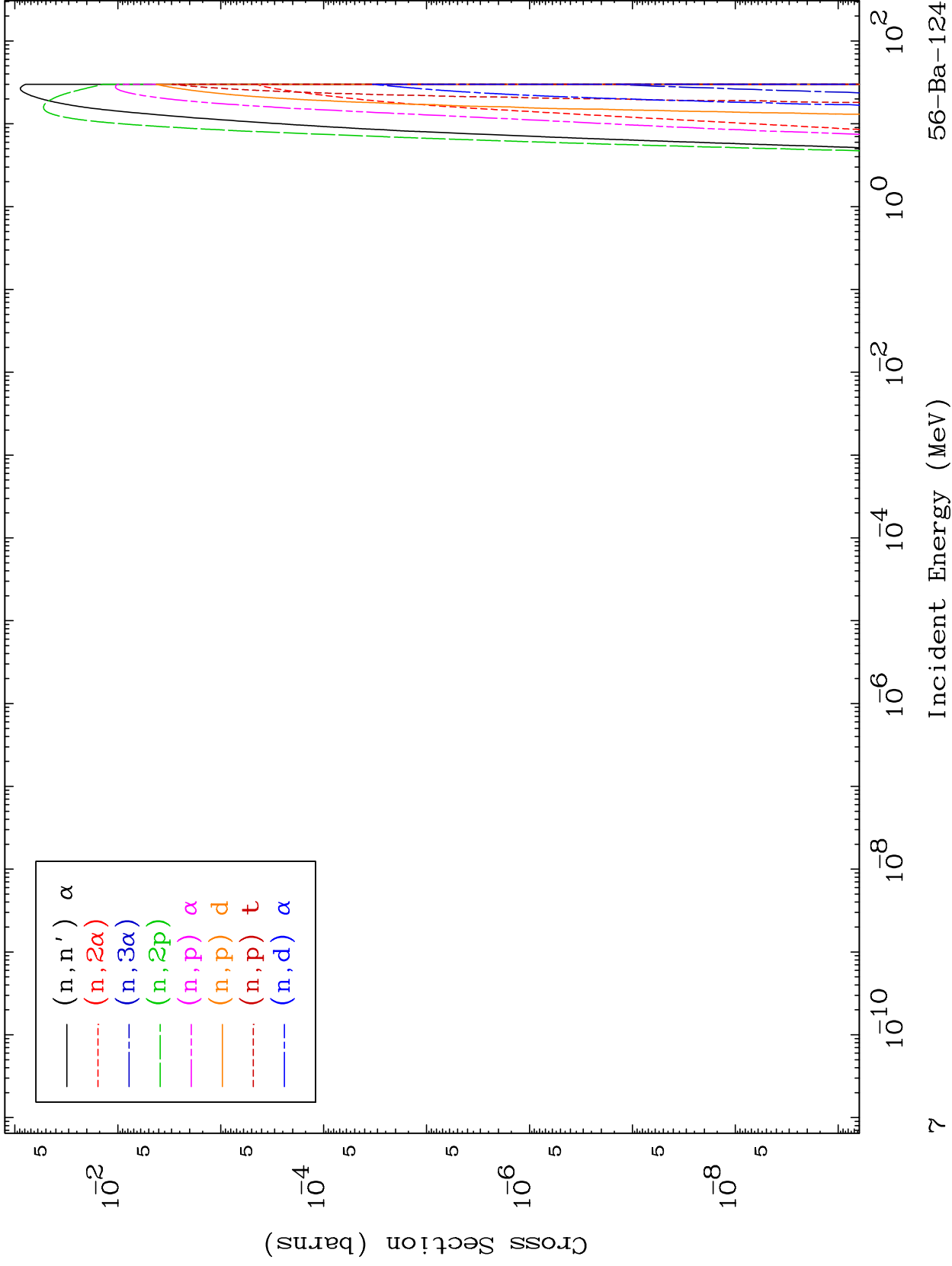
56-Ba-124



MAT 5607

Charged Particle
293 Kelvin Cross Sections

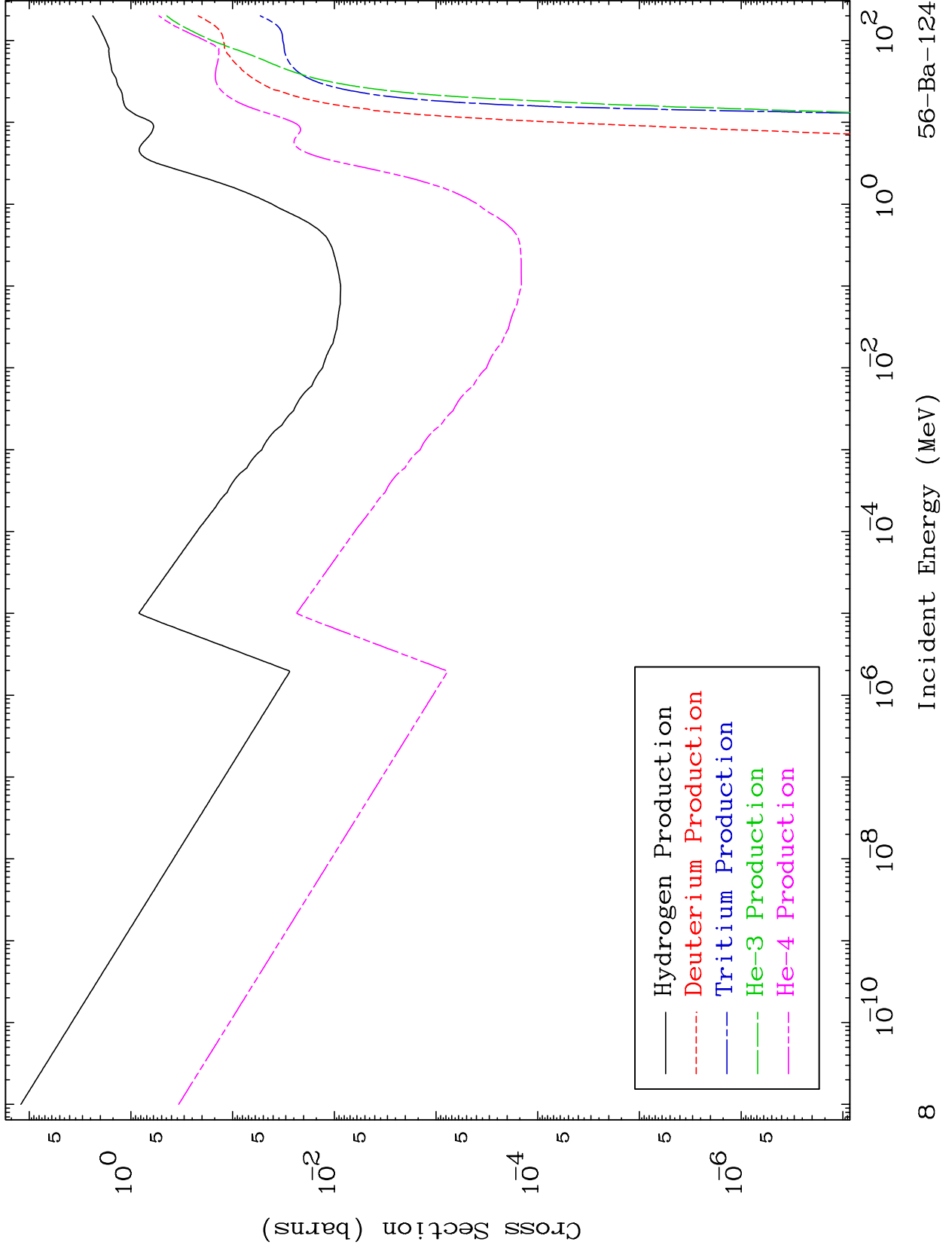
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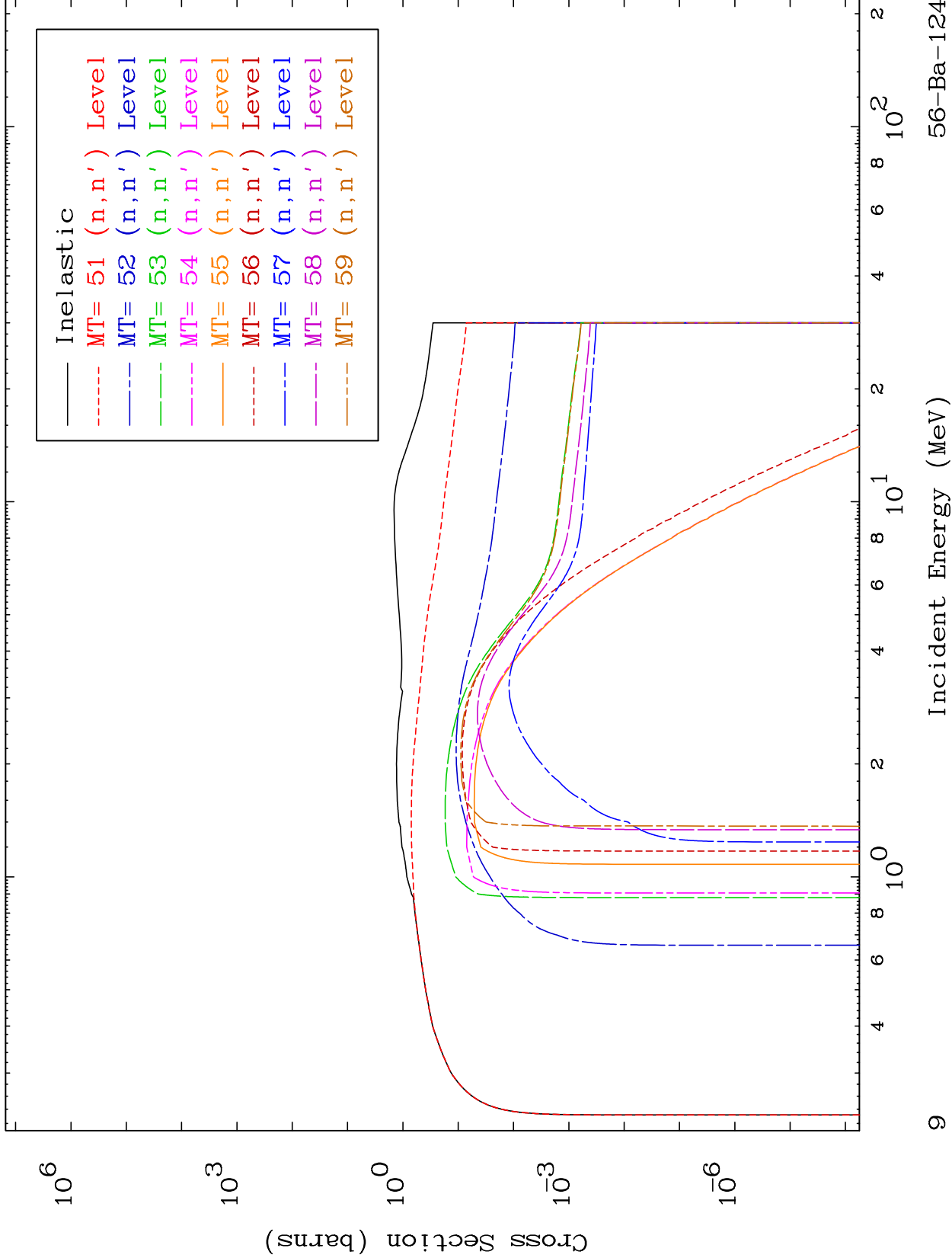


MAT 5607

Particle Production
293 Kelvin Cross Sections

56-Ba-124



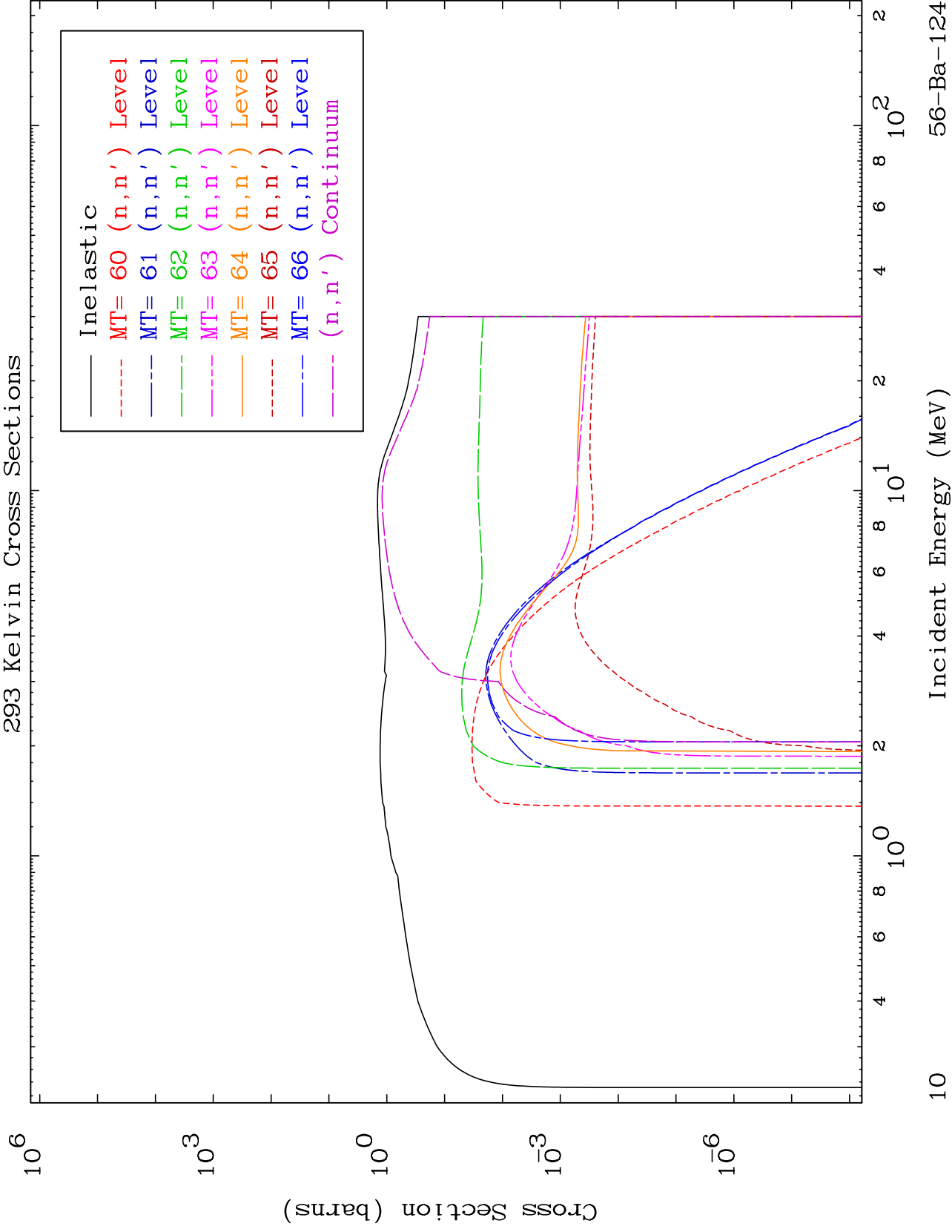


MAT 5607

(n,n') Levels

293 Kelvin Cross Sections

56-Ba-124

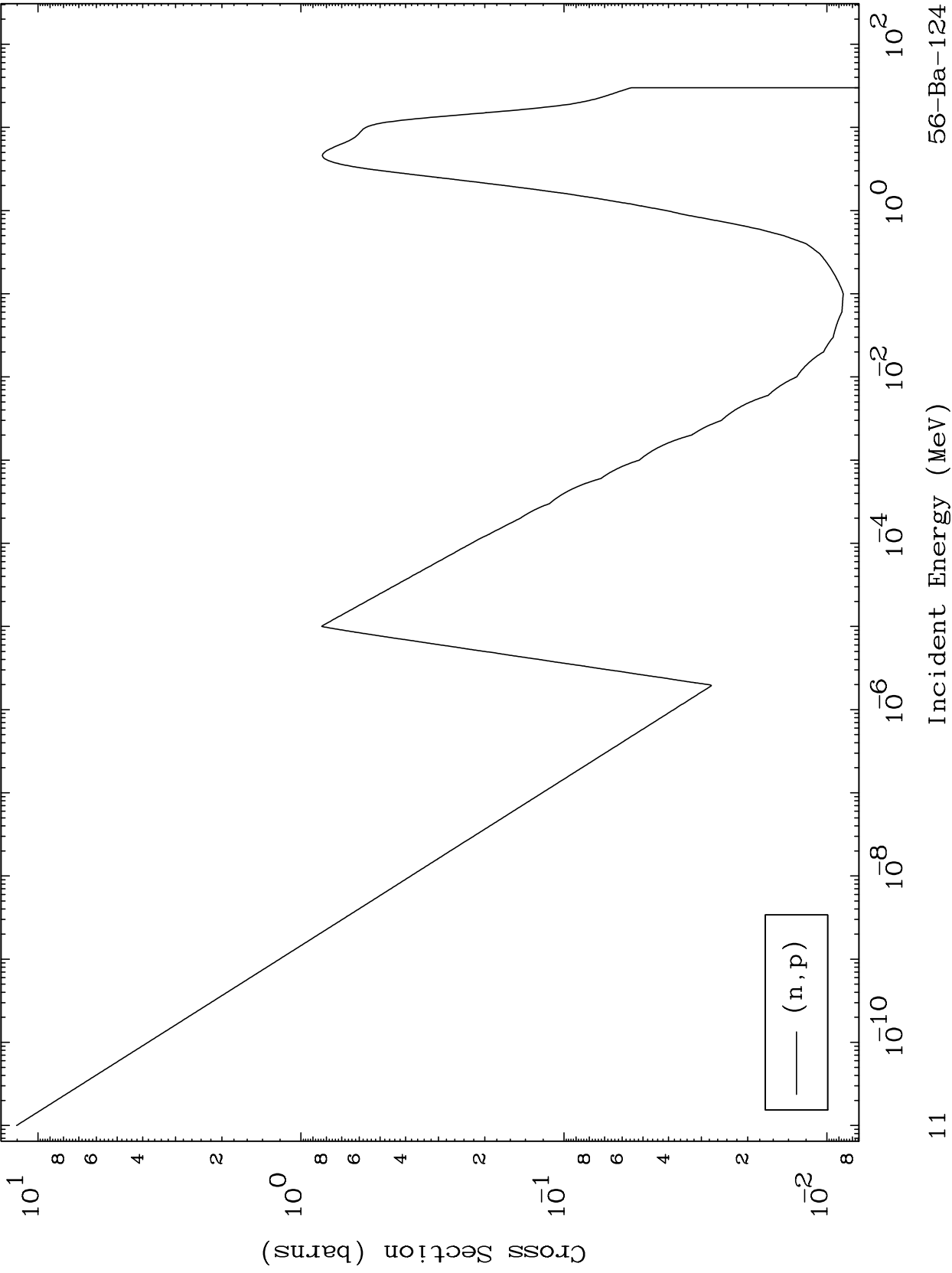


10

MAT 5607

(n,p) Levels
293 Kelvin Cross Sections

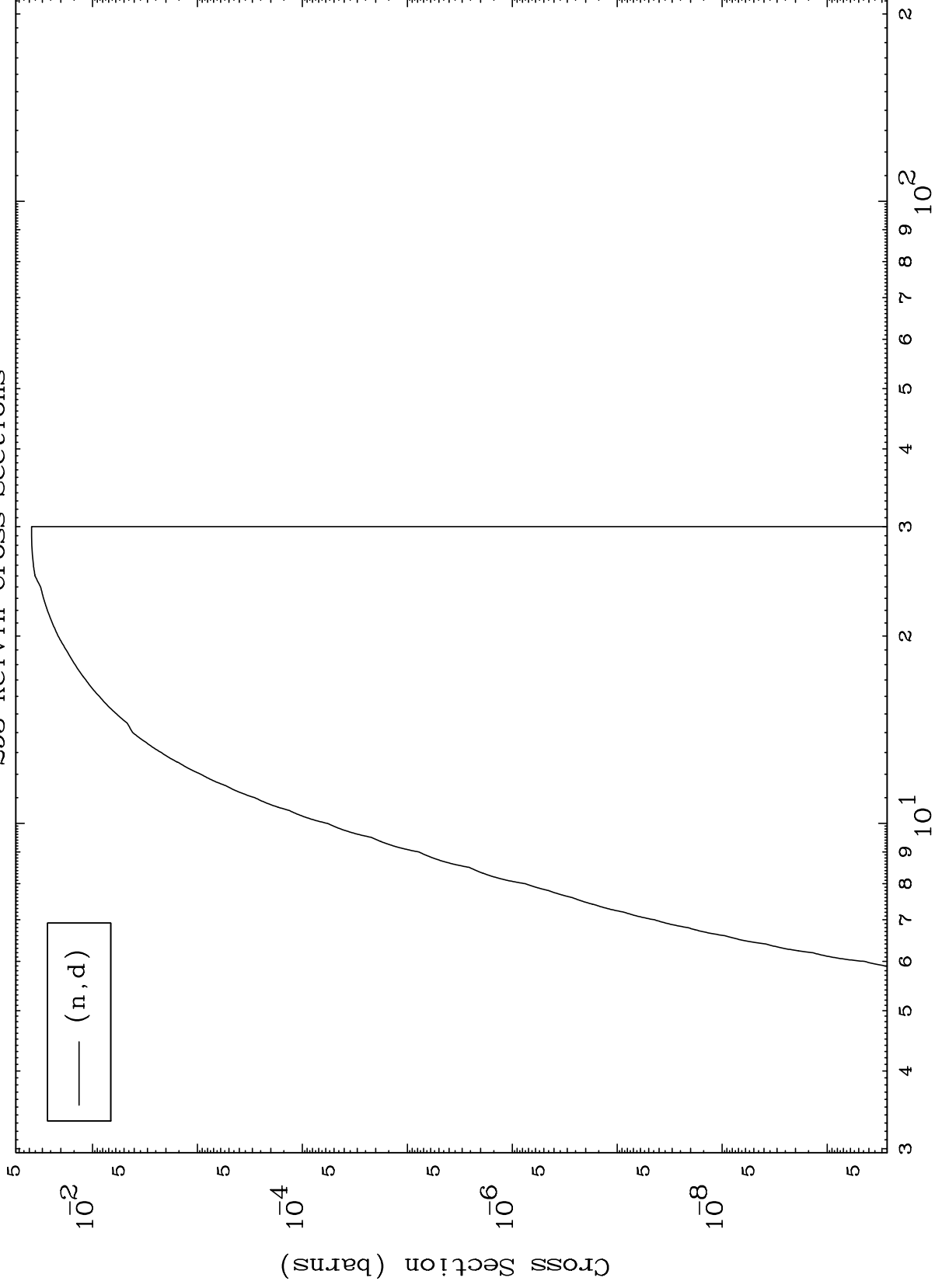
56-Ba-124



MAT 5607

(n,d) Levels
293 Kelvin Cross Sections

56-Ba-124



12

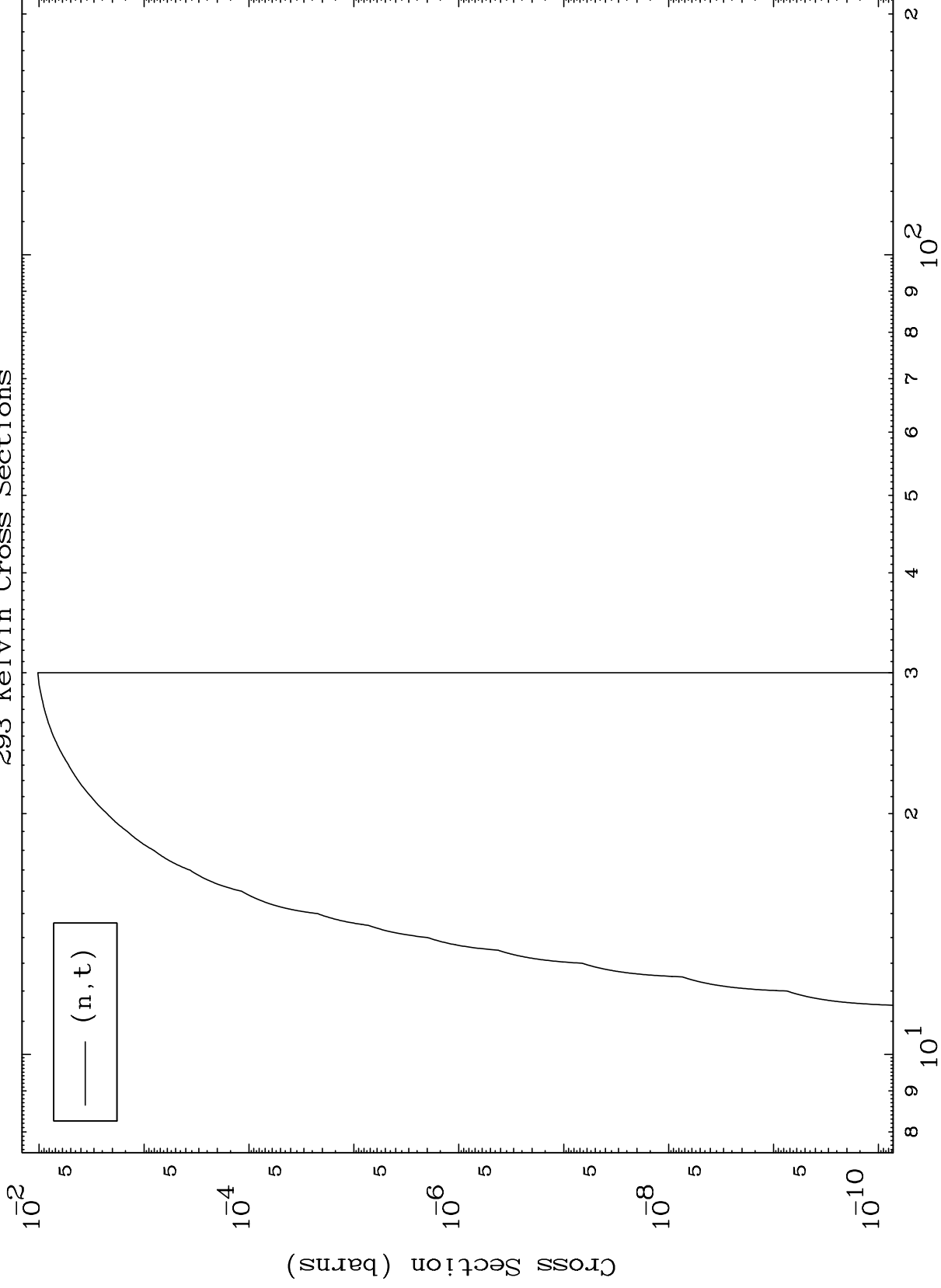
Incident Energy (MeV)

56-Ba-124

MAT 5607

(n,t) Levels
293 Kelvin Cross Sections

56-Ba-124



13

Incident Energy (MeV)

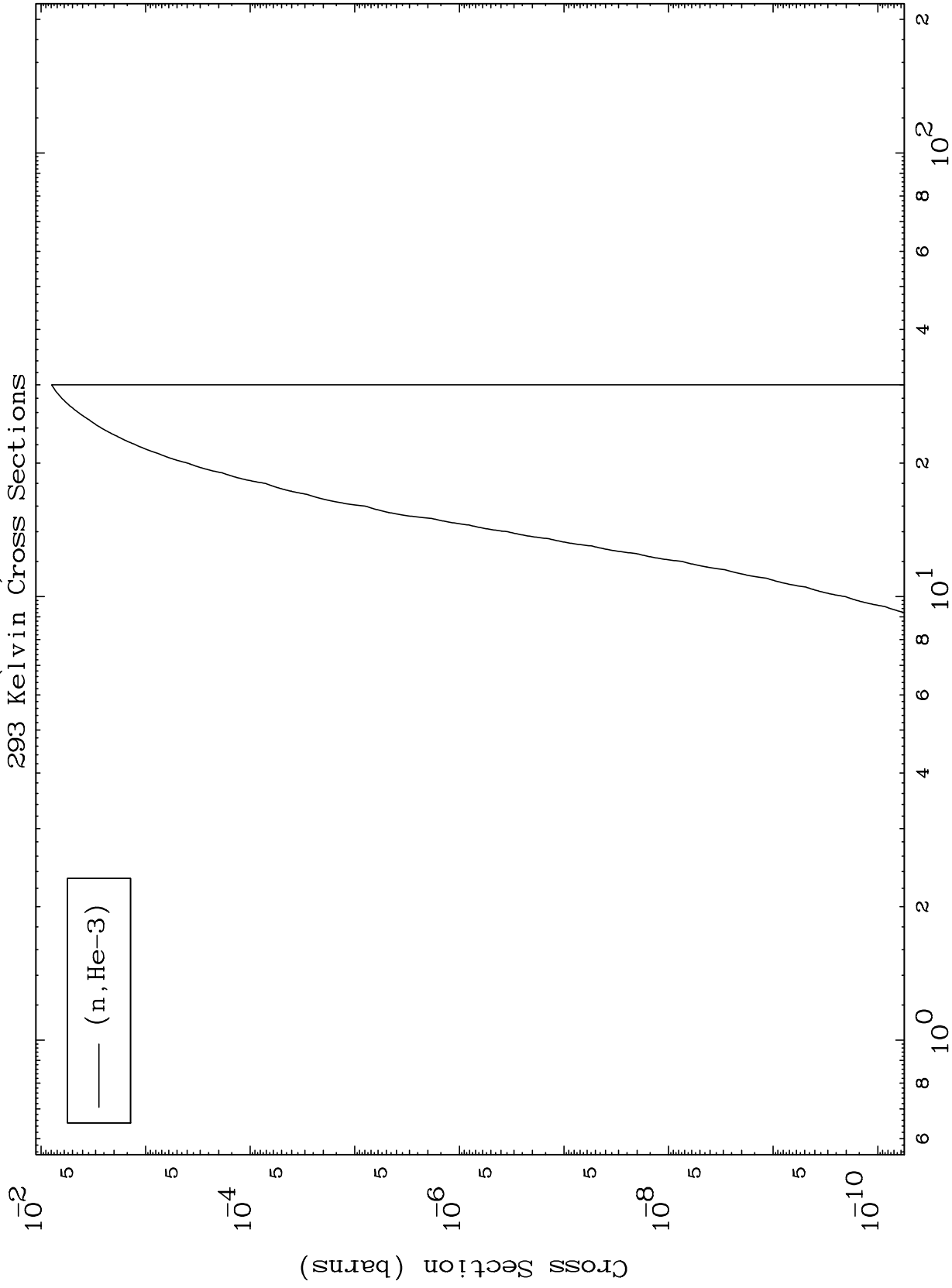
56-Ba-124

MAT 5607

(n,He3) Levels

56-Ba-124

293 Kelvin Cross Sections



14

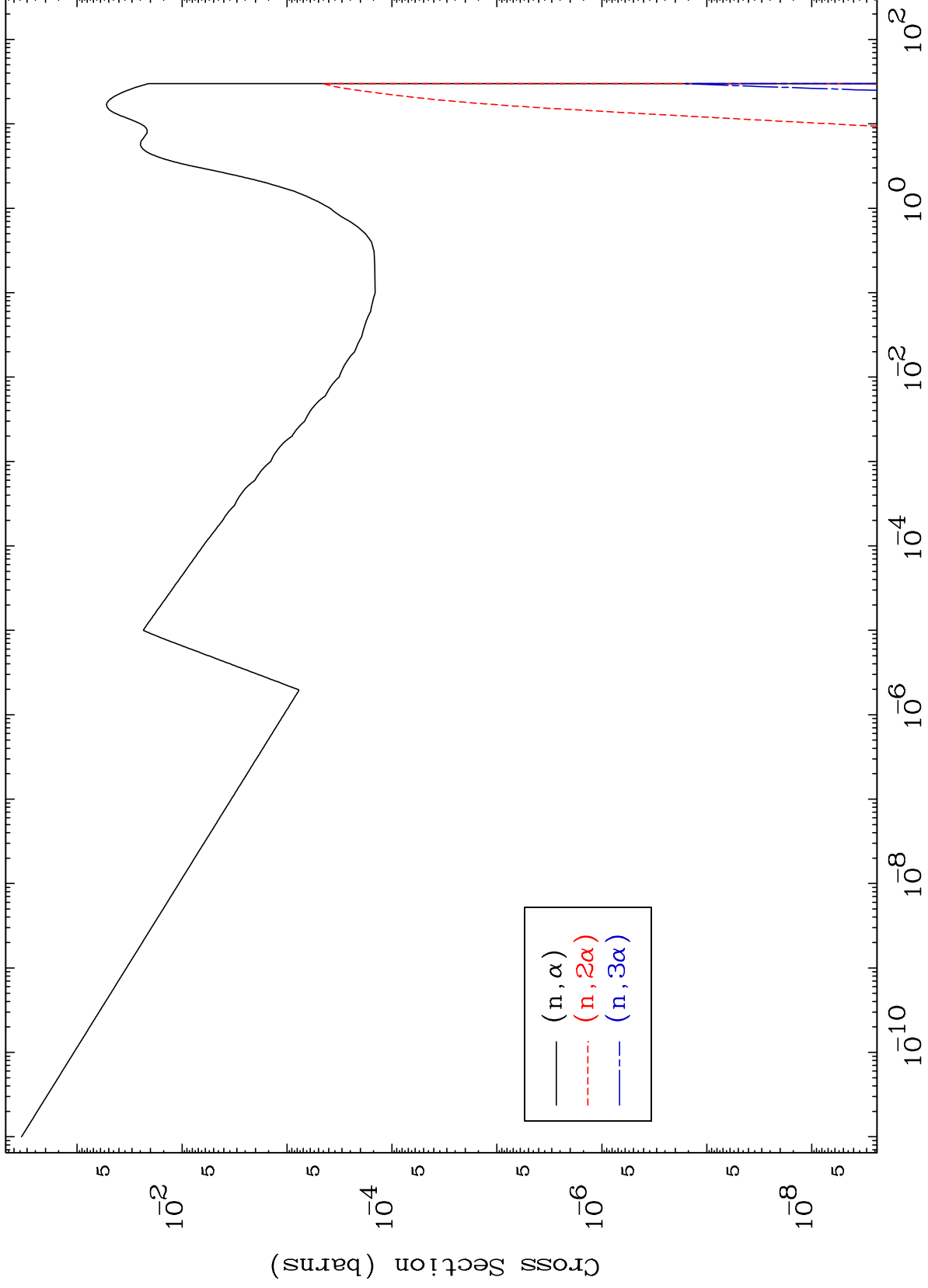
Incident Energy (MeV)

56-Ba-124

MAT 5607

(n, α) Levels
293 Kelvin Cross Sections

56-Ba-124



MAT 5607

Elastic Legendre Coefficients

56-Ba-124



16

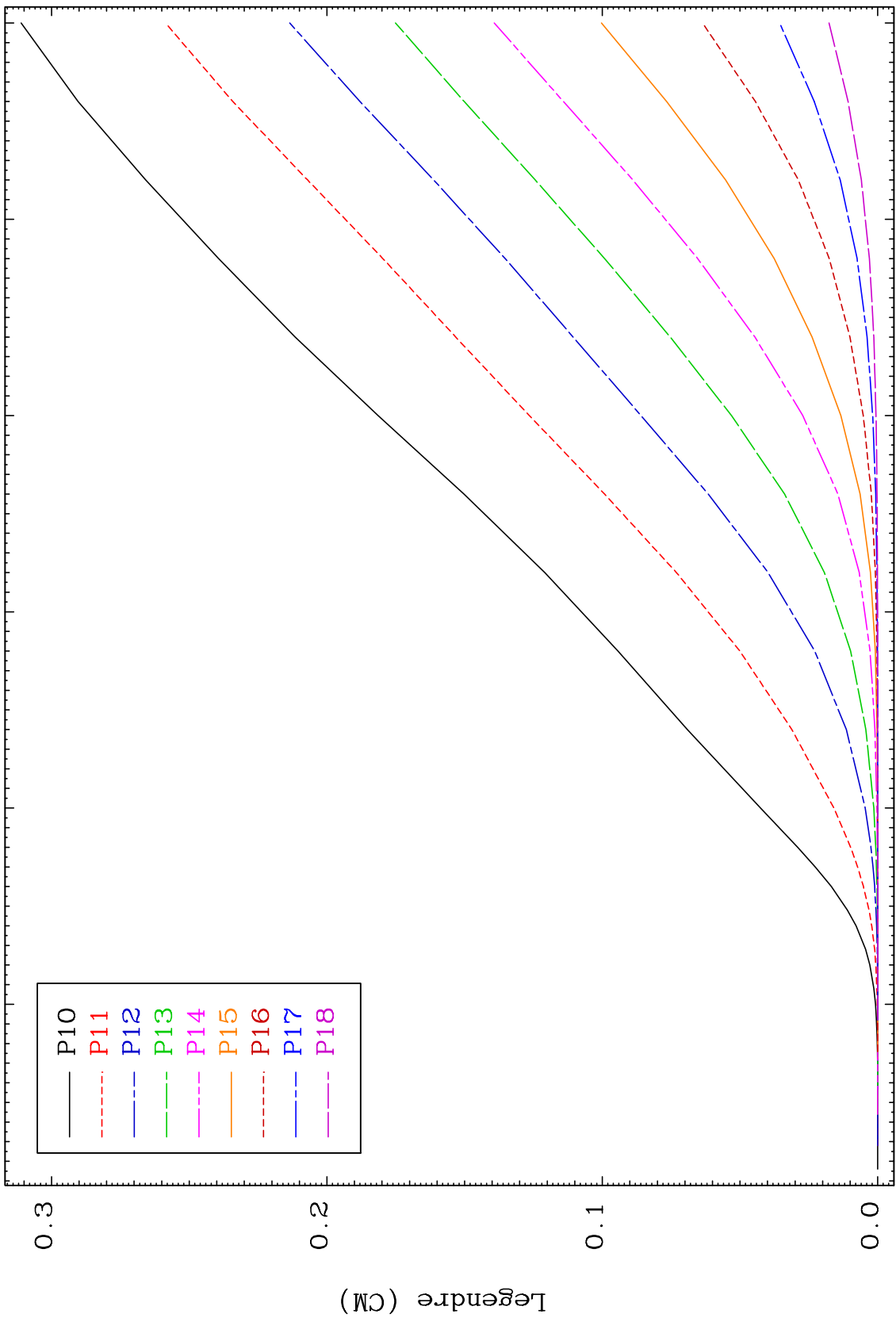
Incident Energy (MeV)

56-Ba-124

MAT 5607

Elastic Legendre Coefficients

56-Ba-124



17

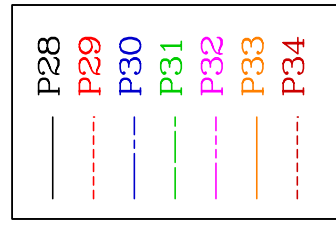
Incident Energy (MeV)

56-Ba-124

MAT 5607

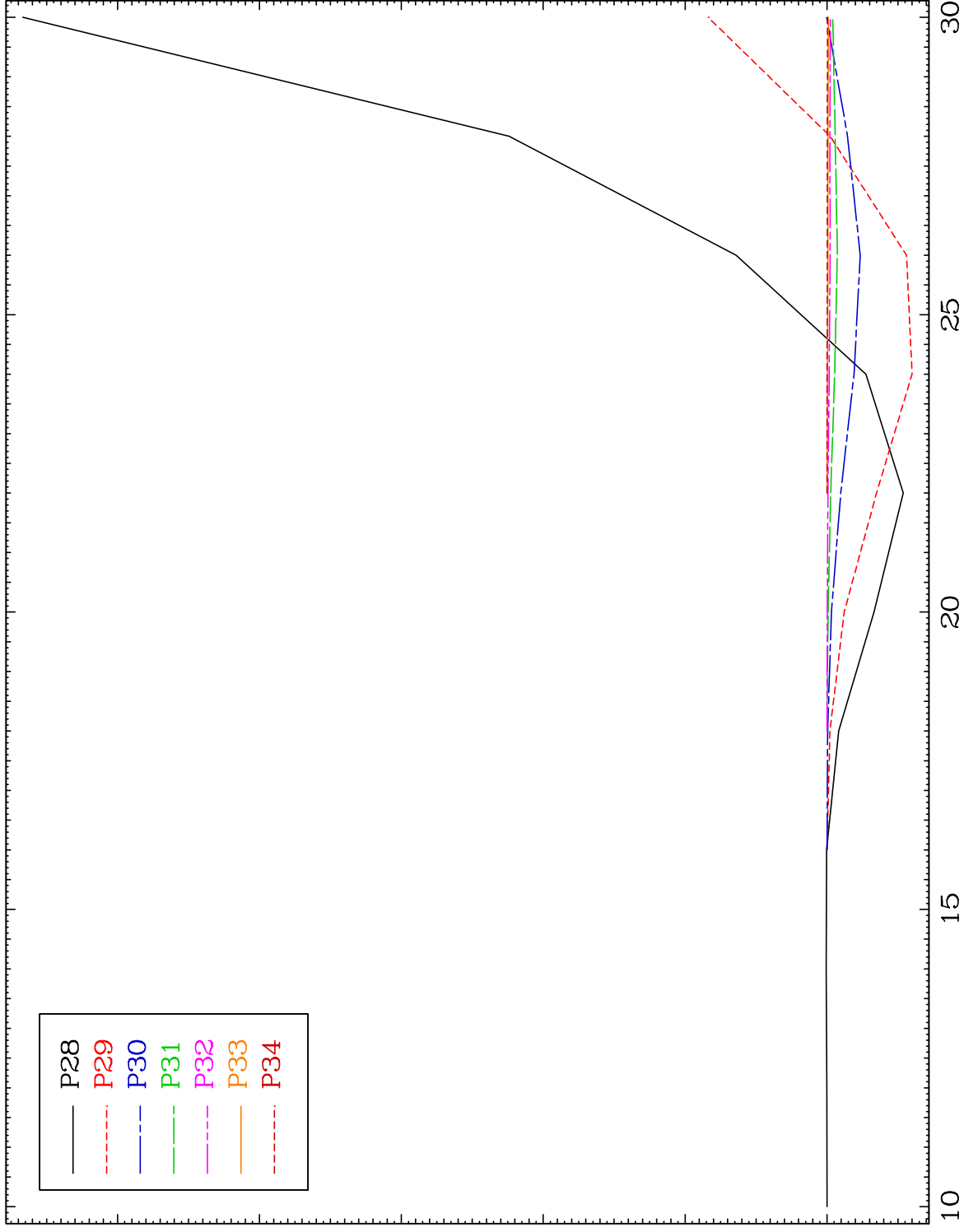
Elastic
Legendre Coefficients

56-Ba-124



$\times 10^{-7}$

Legendre (CM)



10

15

20

25

30

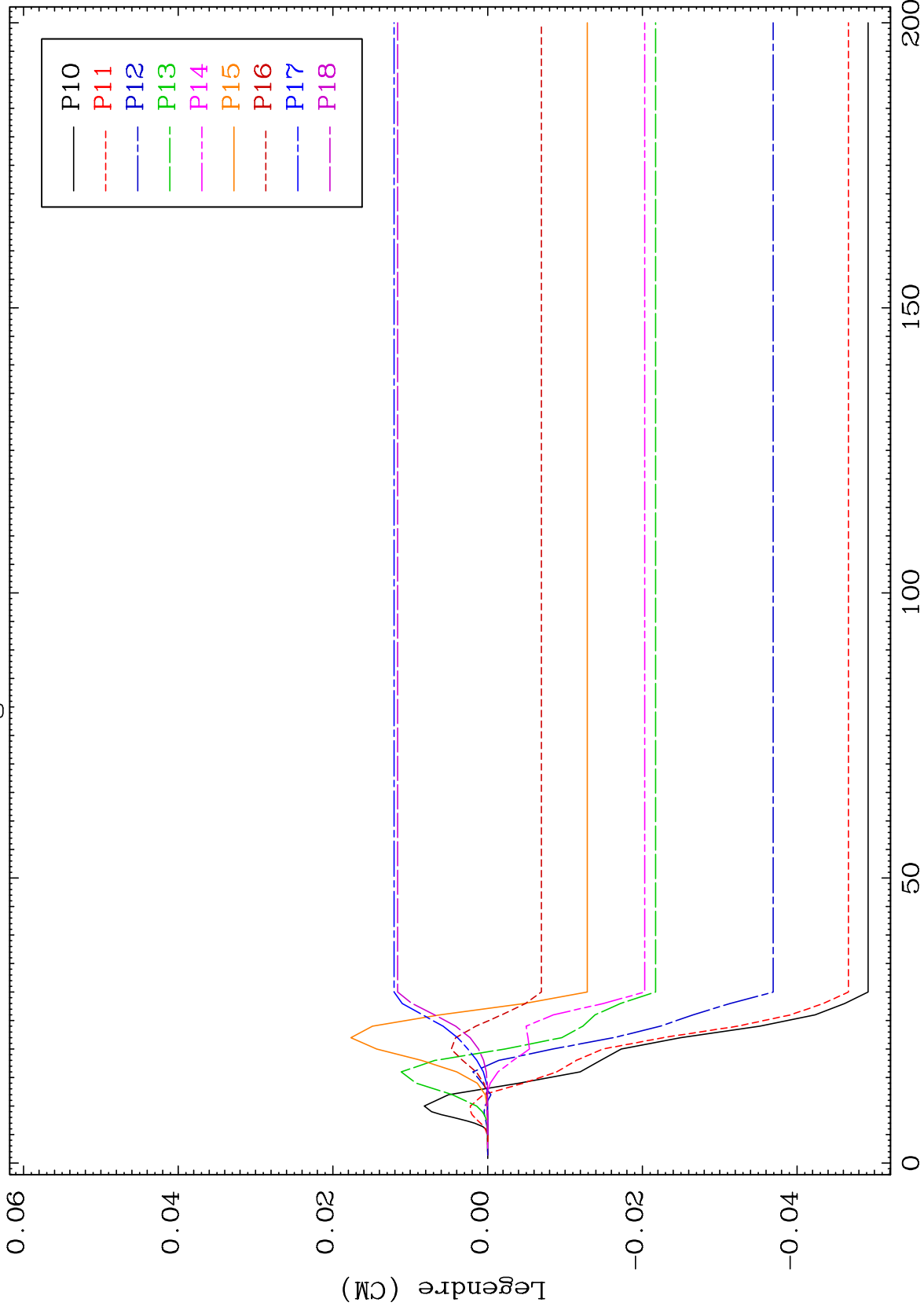
Incident Energy (MeV)

56-Ba-124

MAT 5607

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

56-Ba-124



21

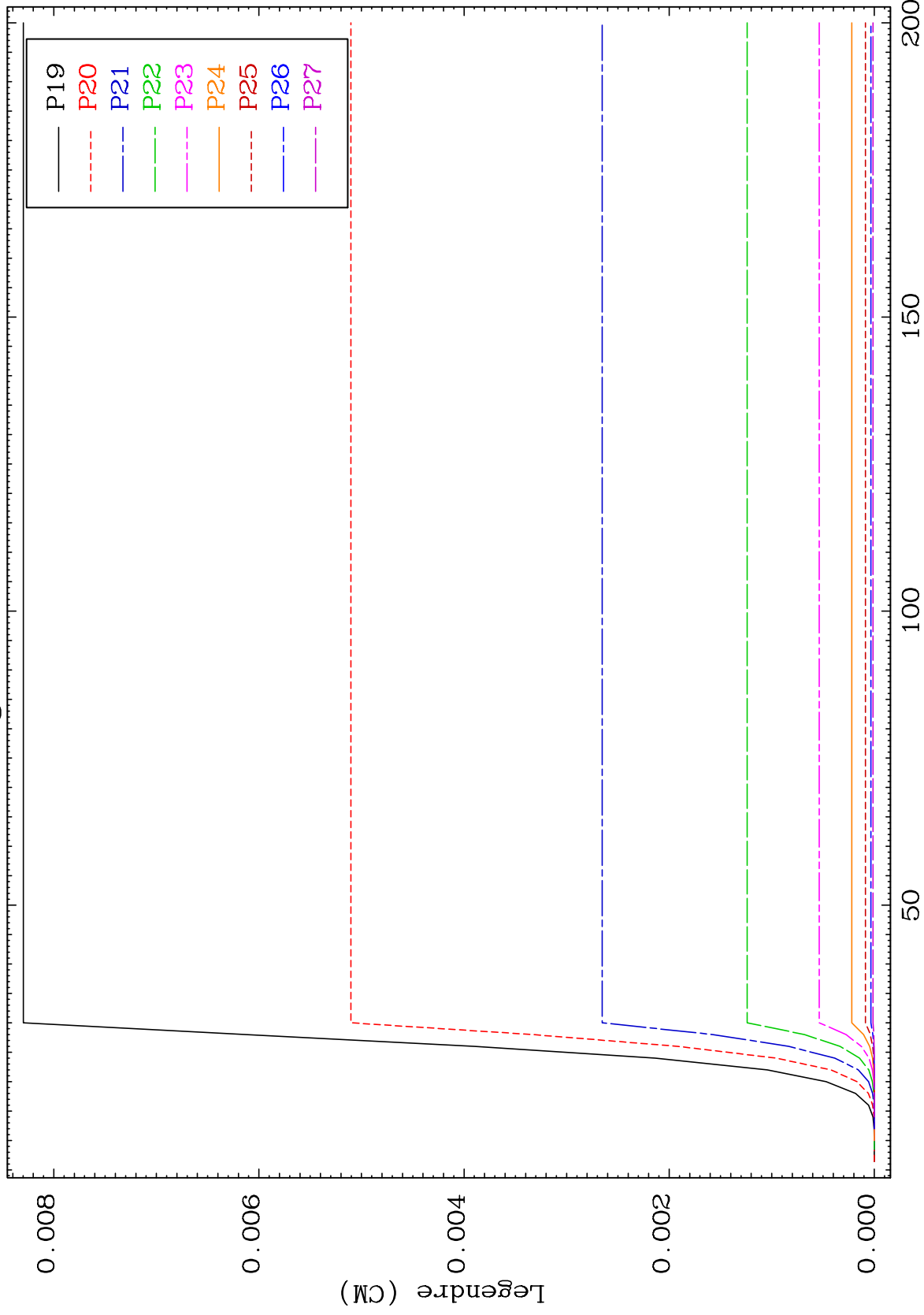
Incident Energy (MeV)

56-Ba-124

MAT 5607

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

56-Ba-124



22

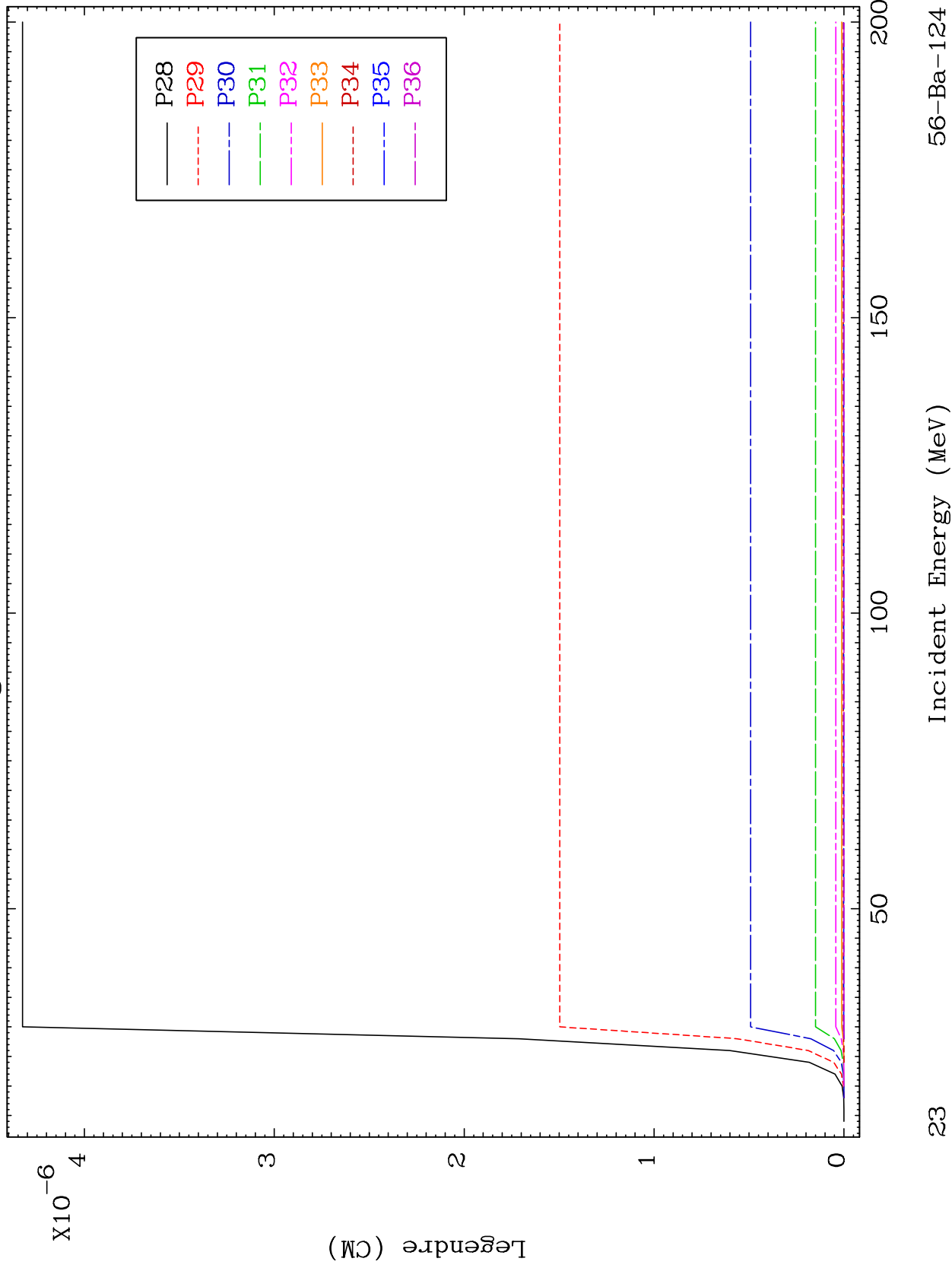
Incident Energy (MeV)

56-Ba-124

MAT 5607

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

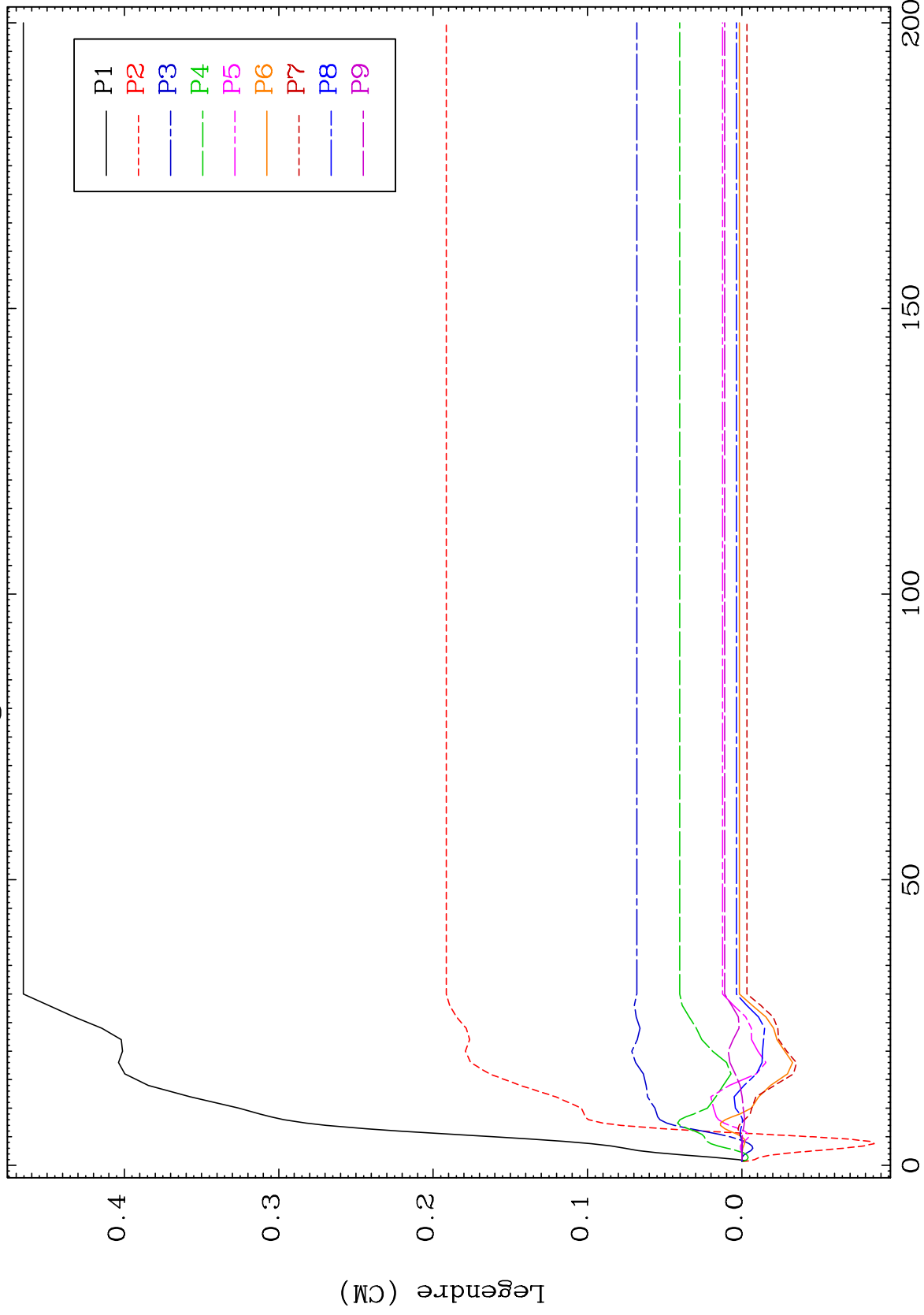
56-Ba-124



MAT 5607

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

56-Ba-124



24

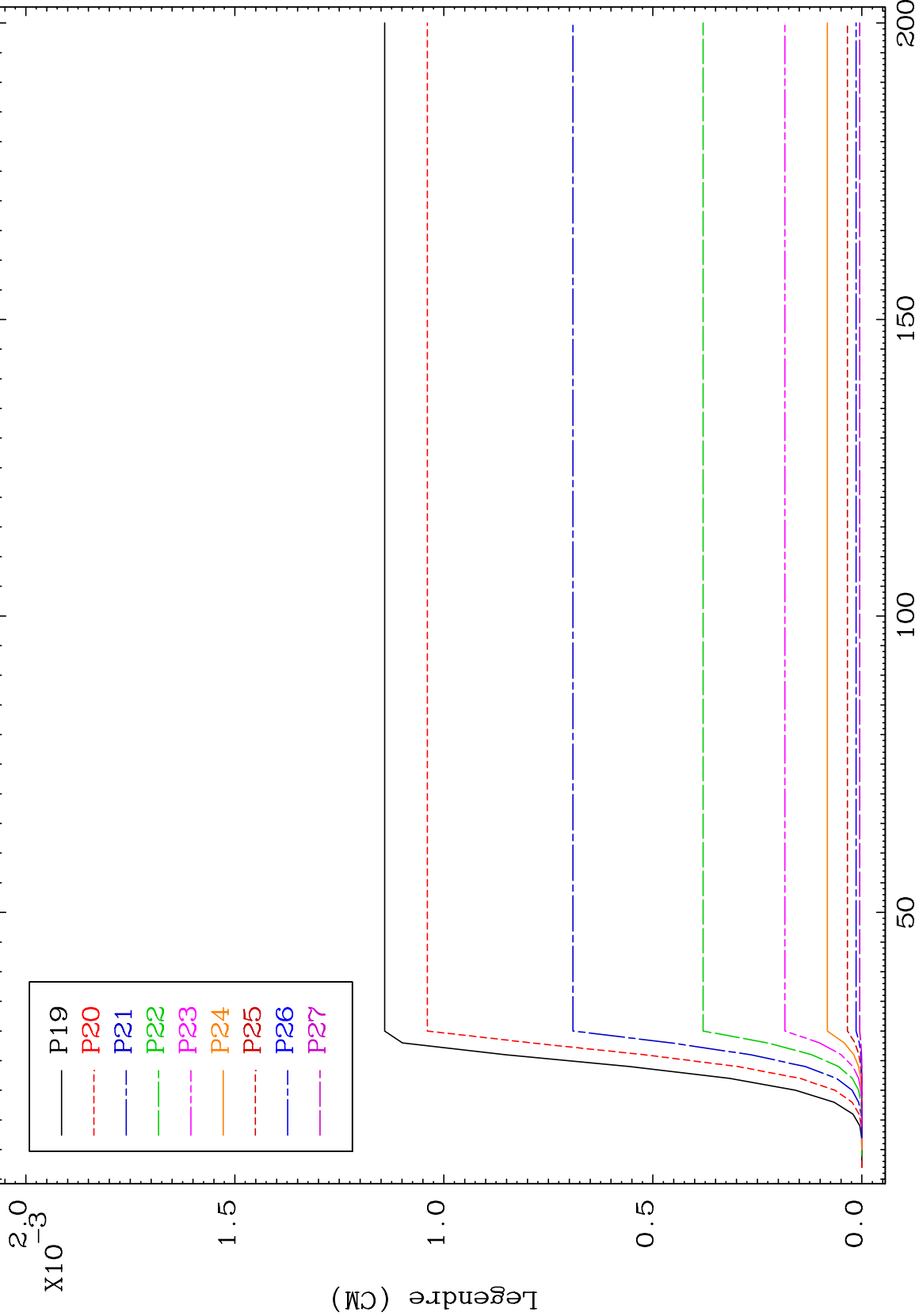
Incident Energy (MeV)

56-Ba-124

MAT 5607

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

56-Ba-124



26

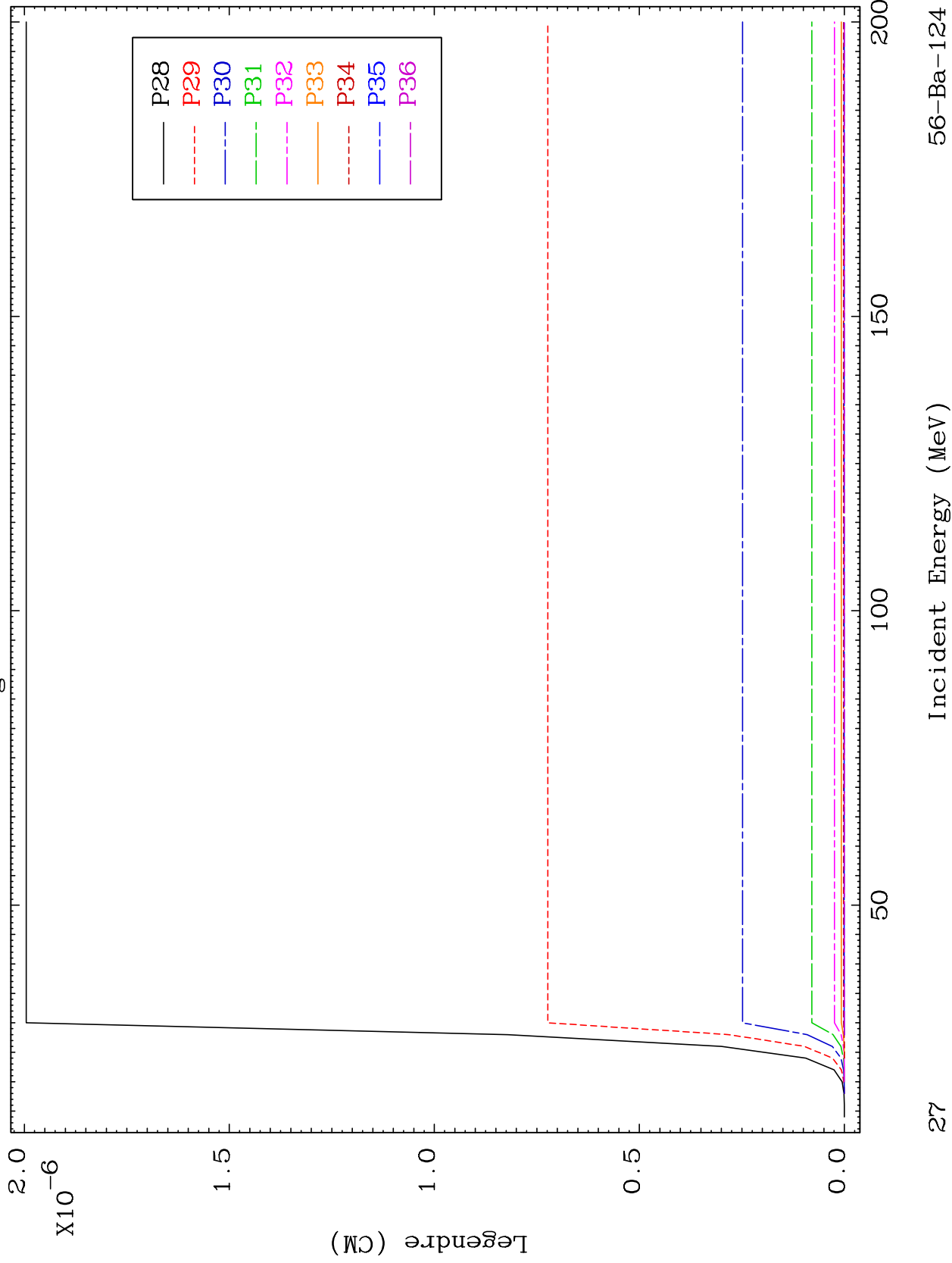
Incident Energy (MeV)

56-Ba-124

MAT 5607

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

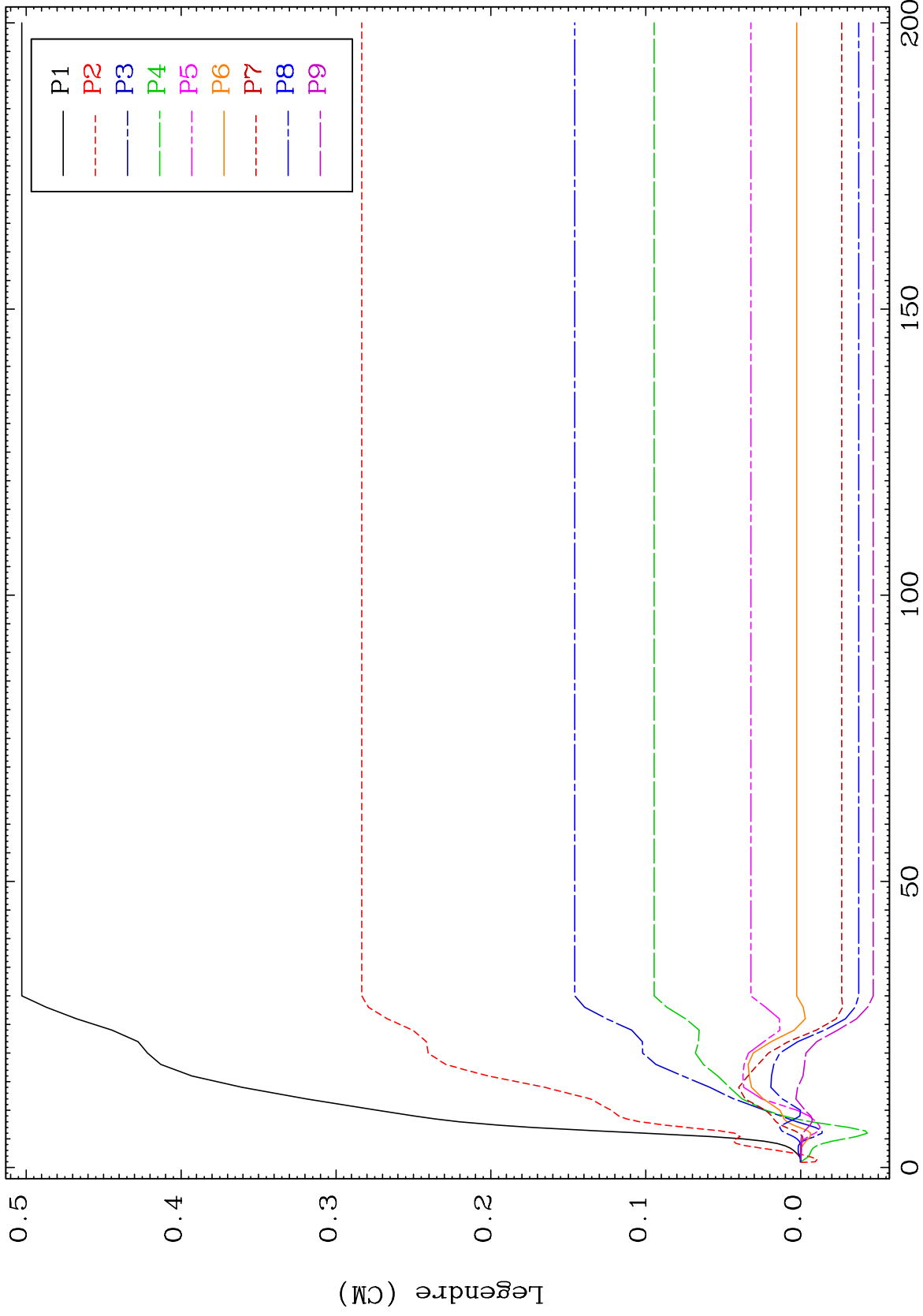
56-Ba-124



MAT 5607

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

56-Ba-124



56-Ba-124

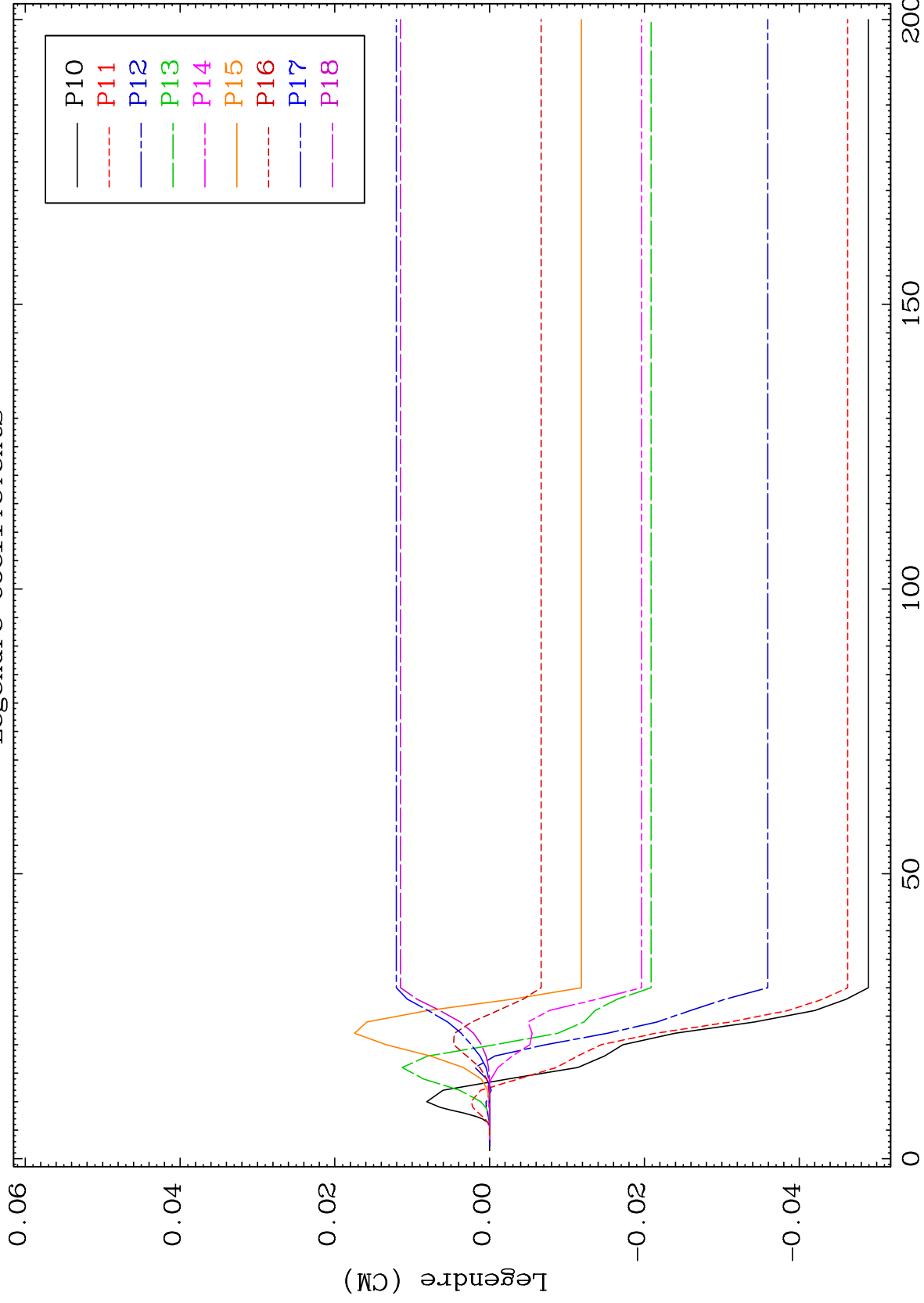
Incident Energy (MeV)

28

MAT 5607

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

56-Ba-124



29

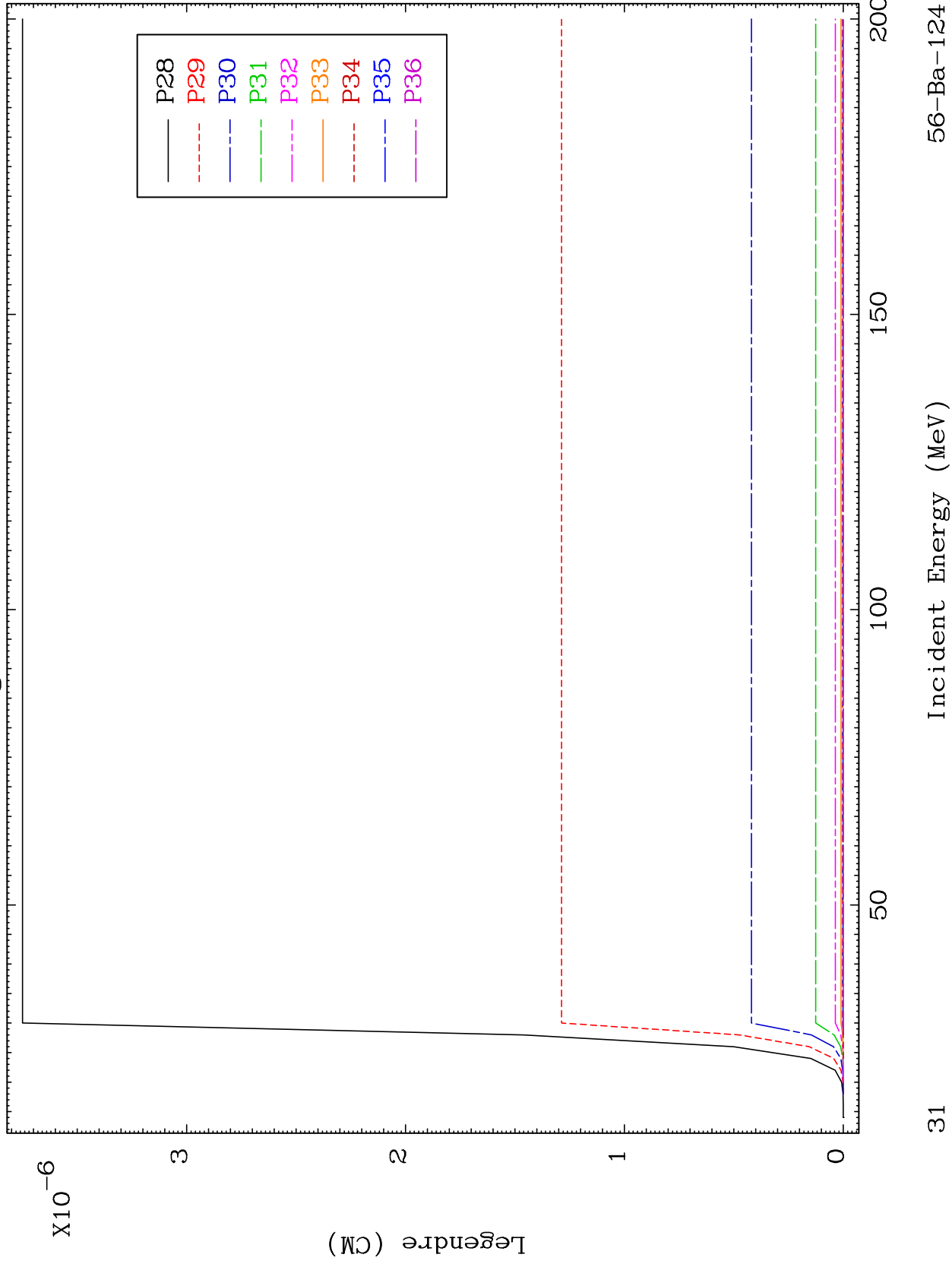
Incident Energy (MeV)

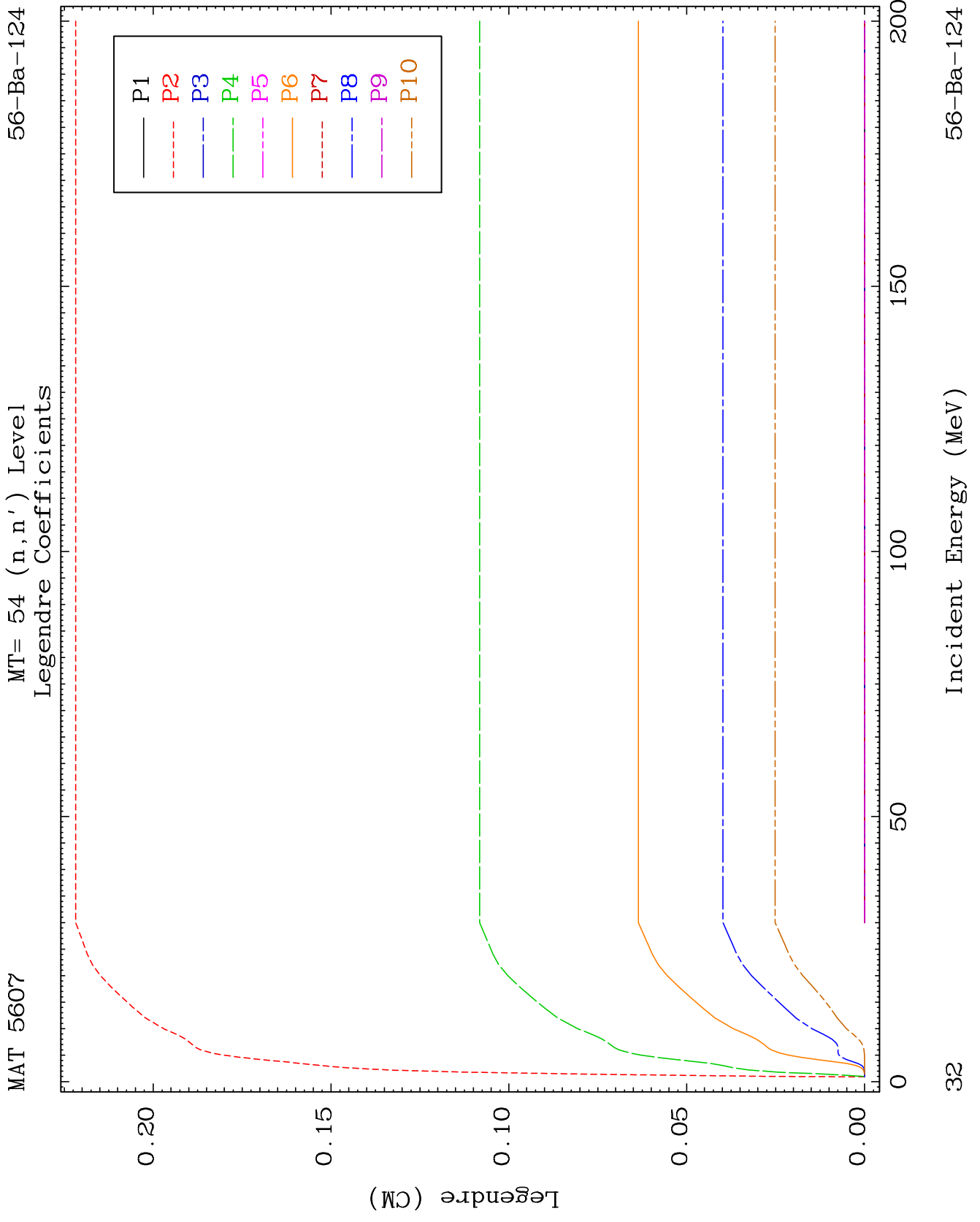
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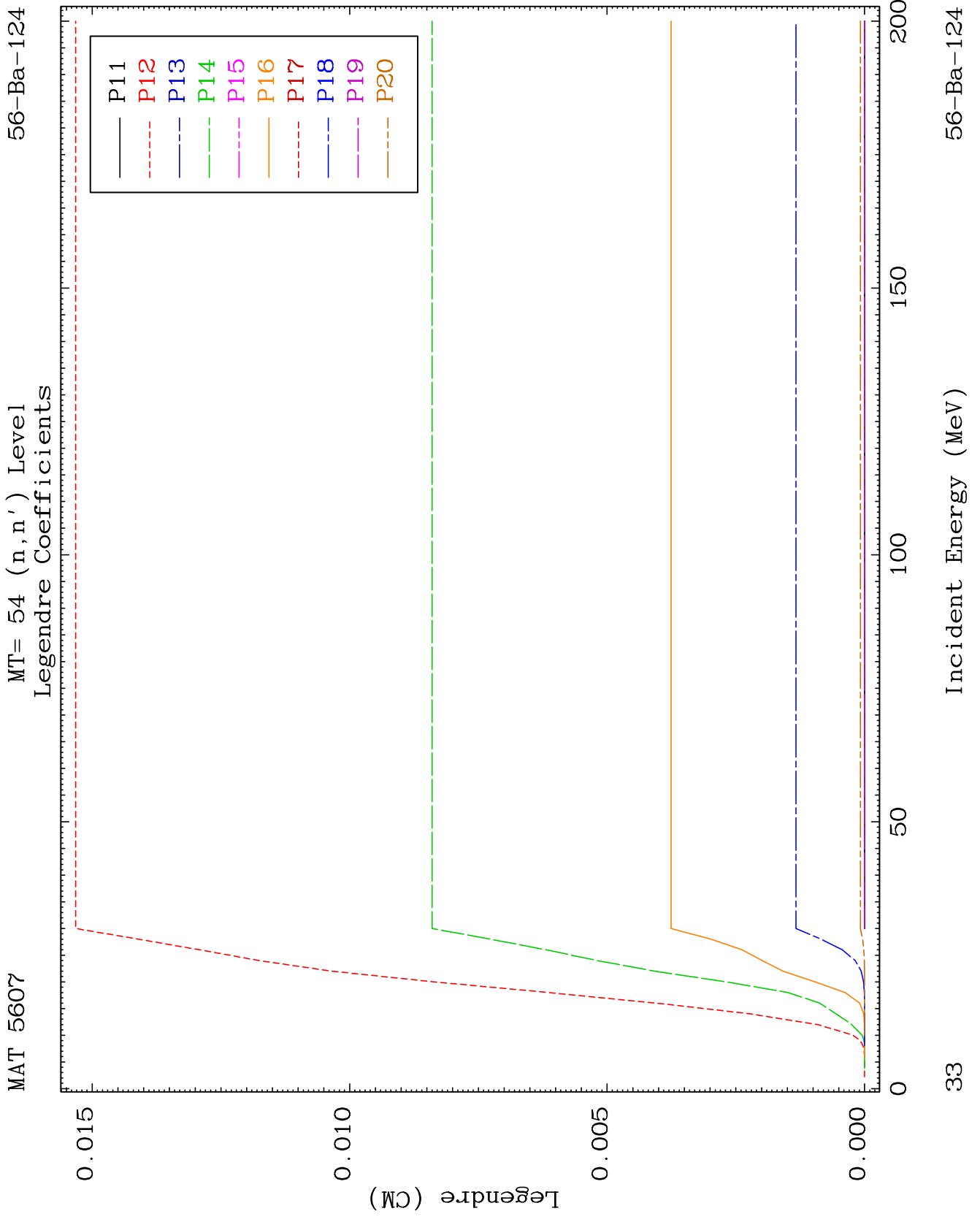
MAT 5607

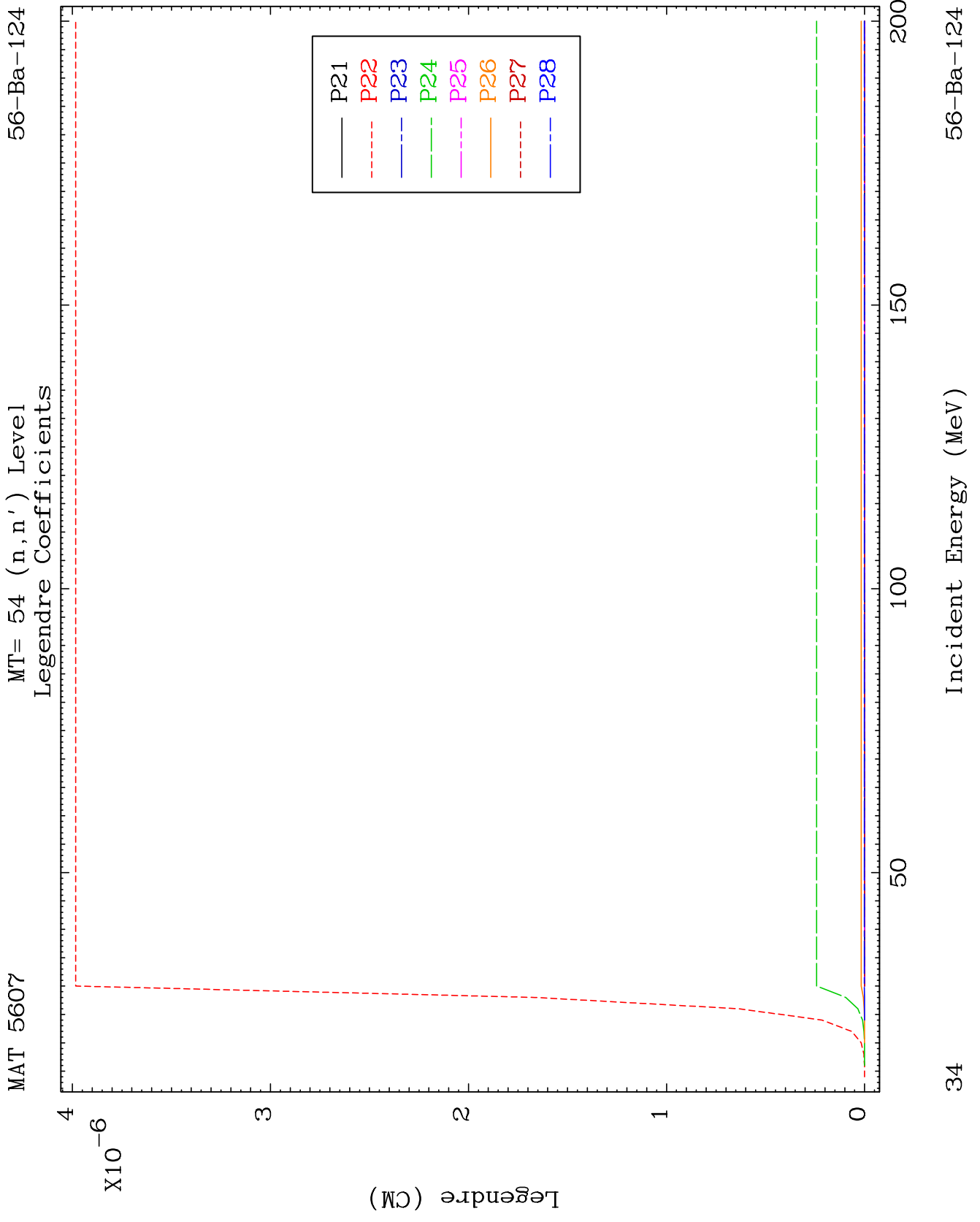
MT= 53 (n,n') Level
Legendre Coefficients

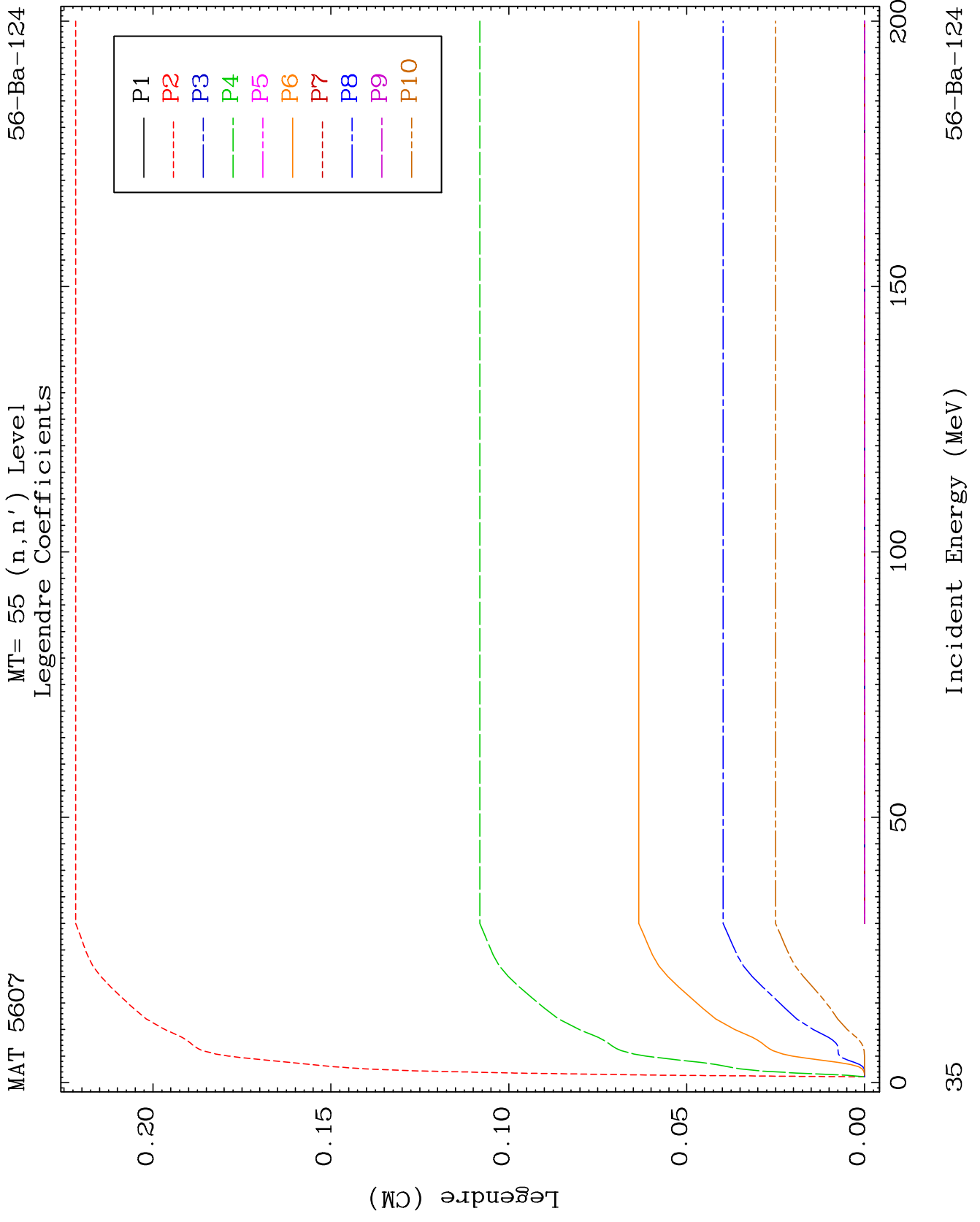
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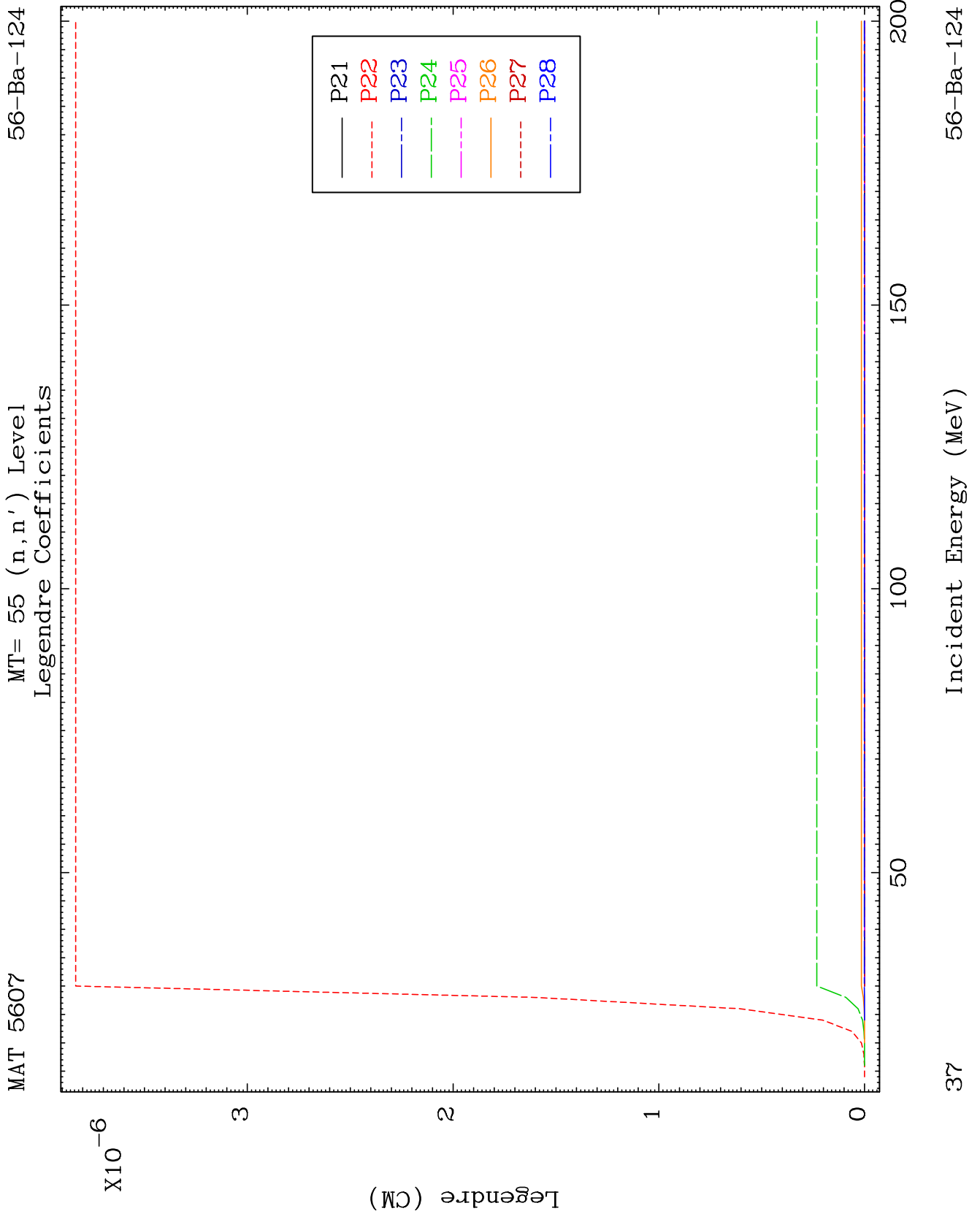


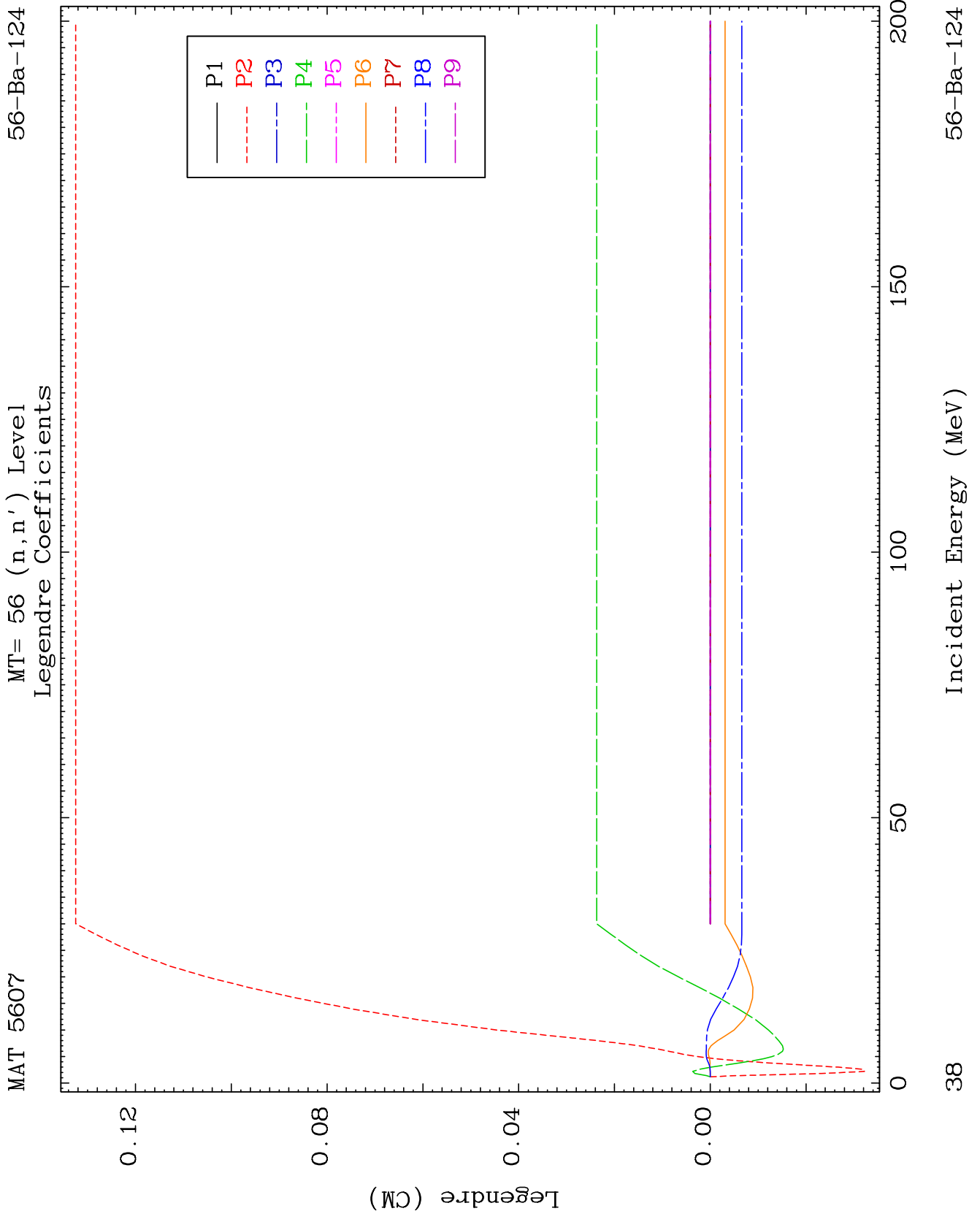








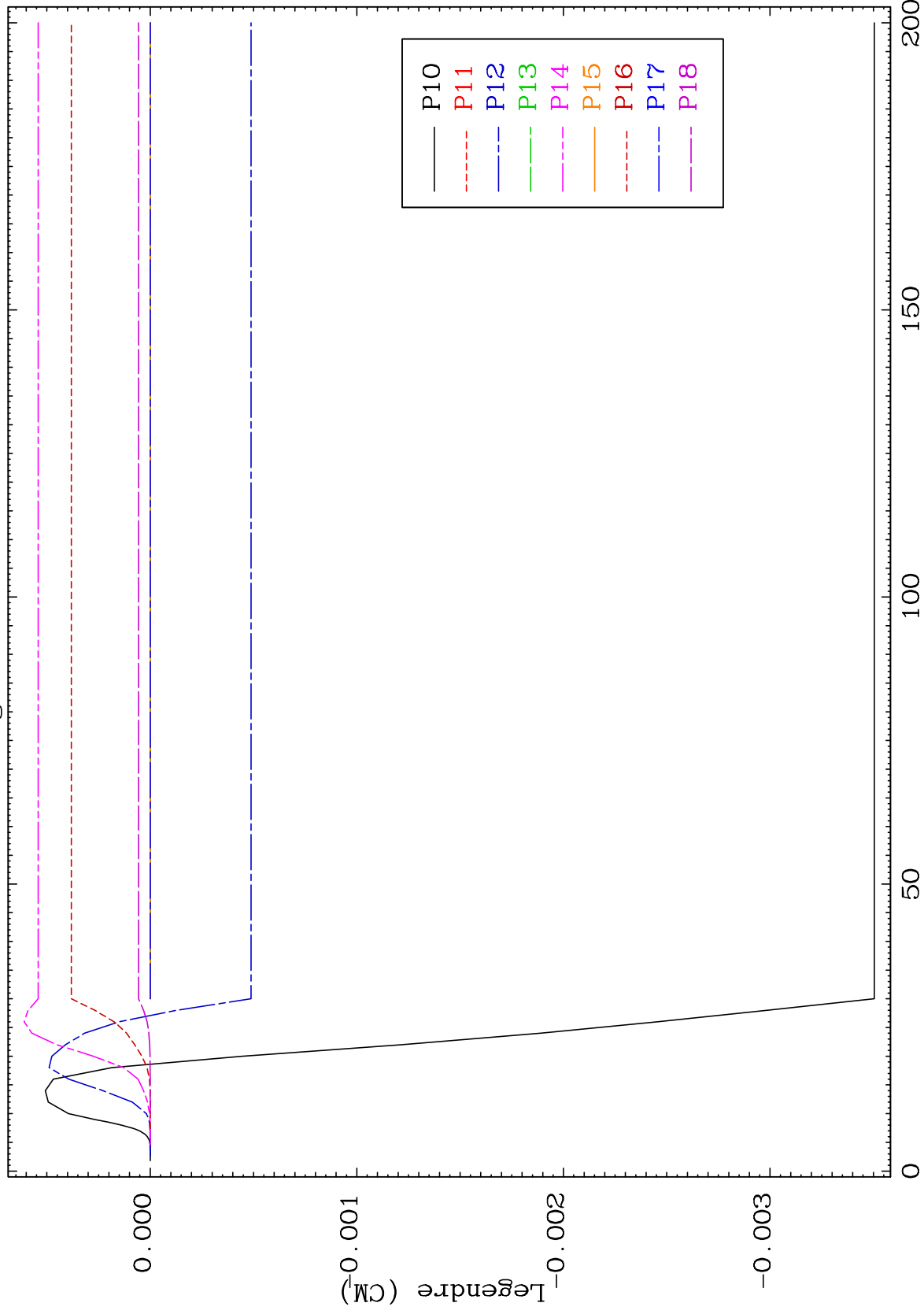




MAT 5607

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

56-Ba-124



39

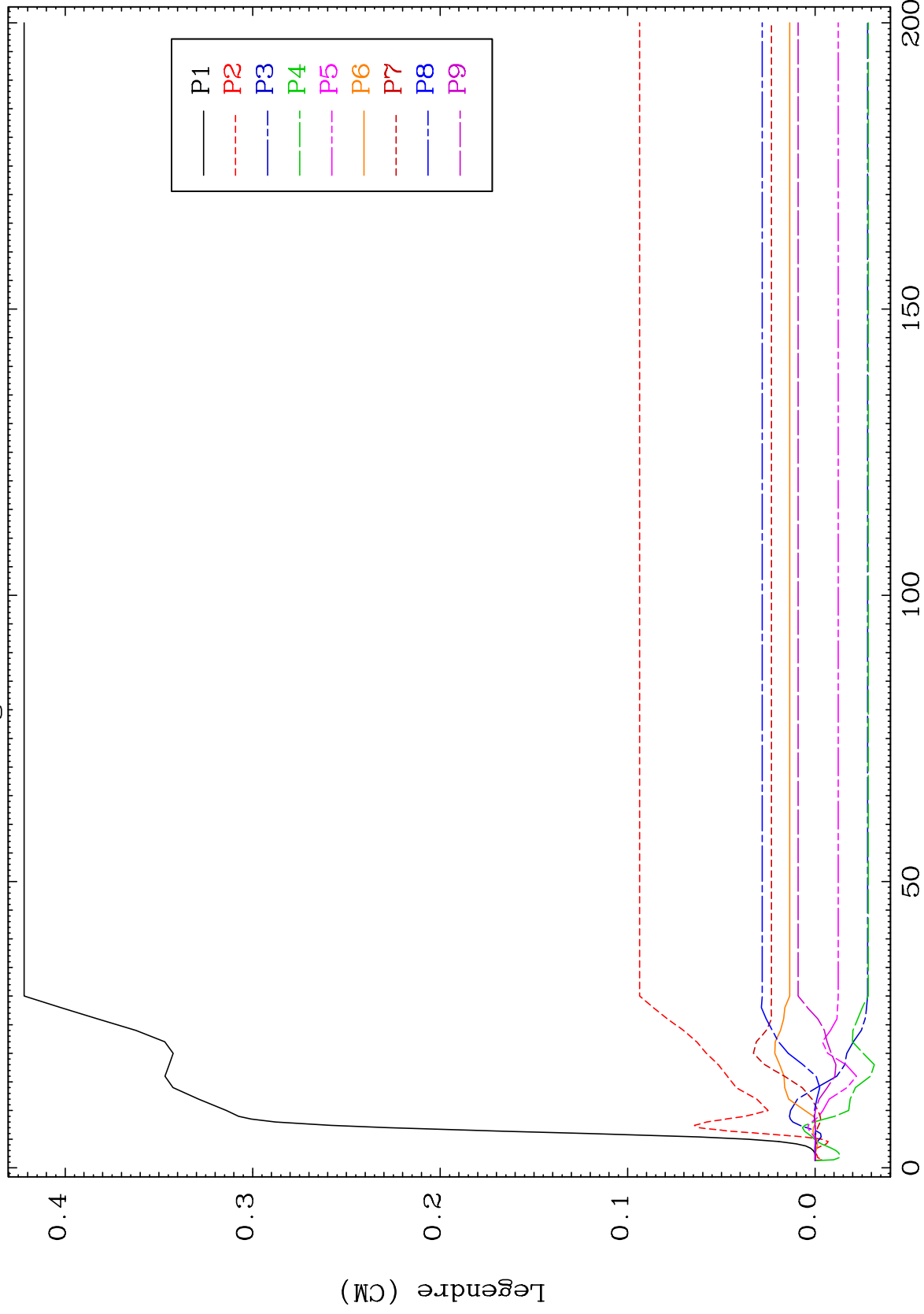
Incident Energy (MeV)

56-Ba-124

MAT 5607

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

56-Ba-124



41

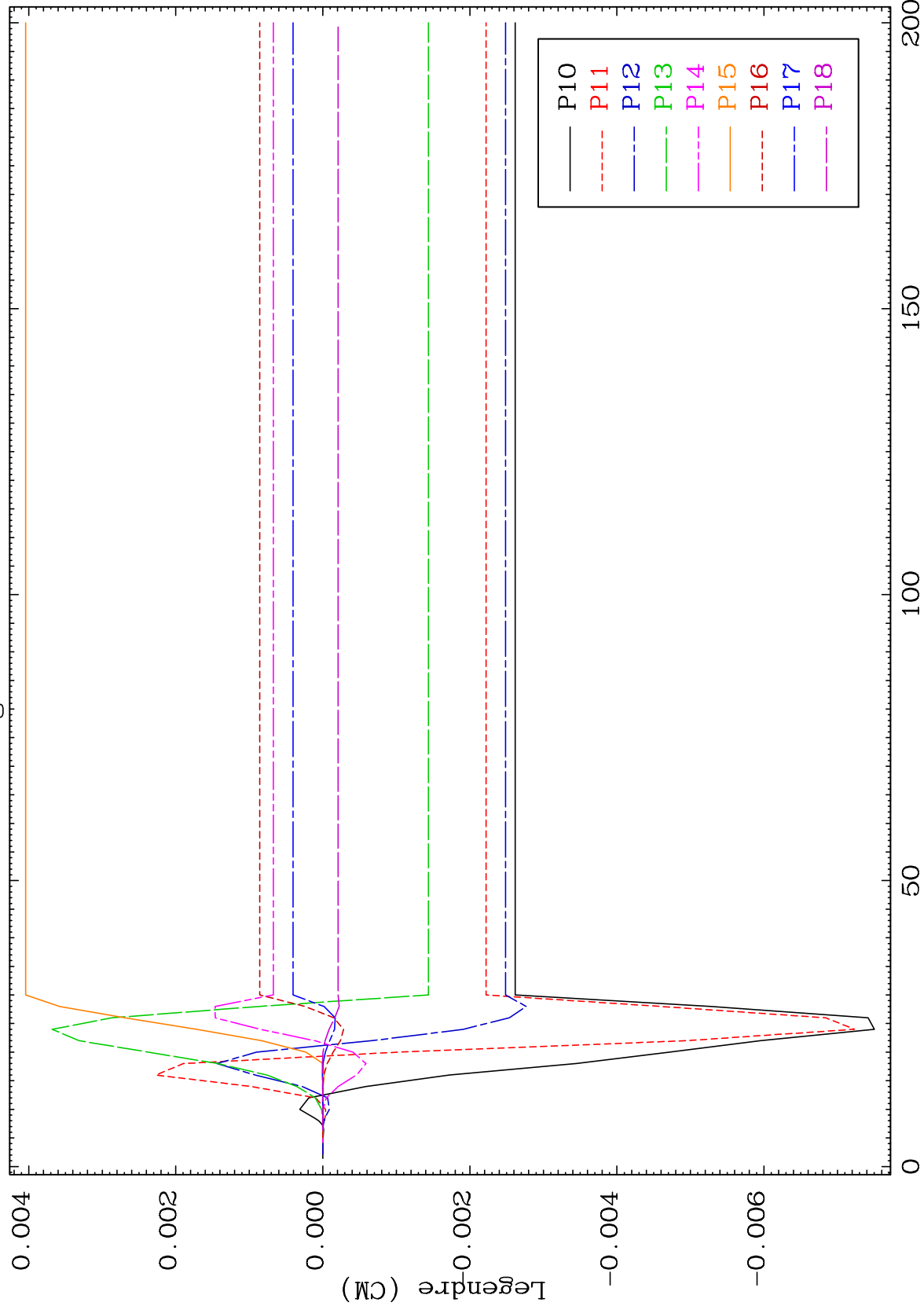
Incident Energy (MeV)

56-Ba-124

MAT 5607

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

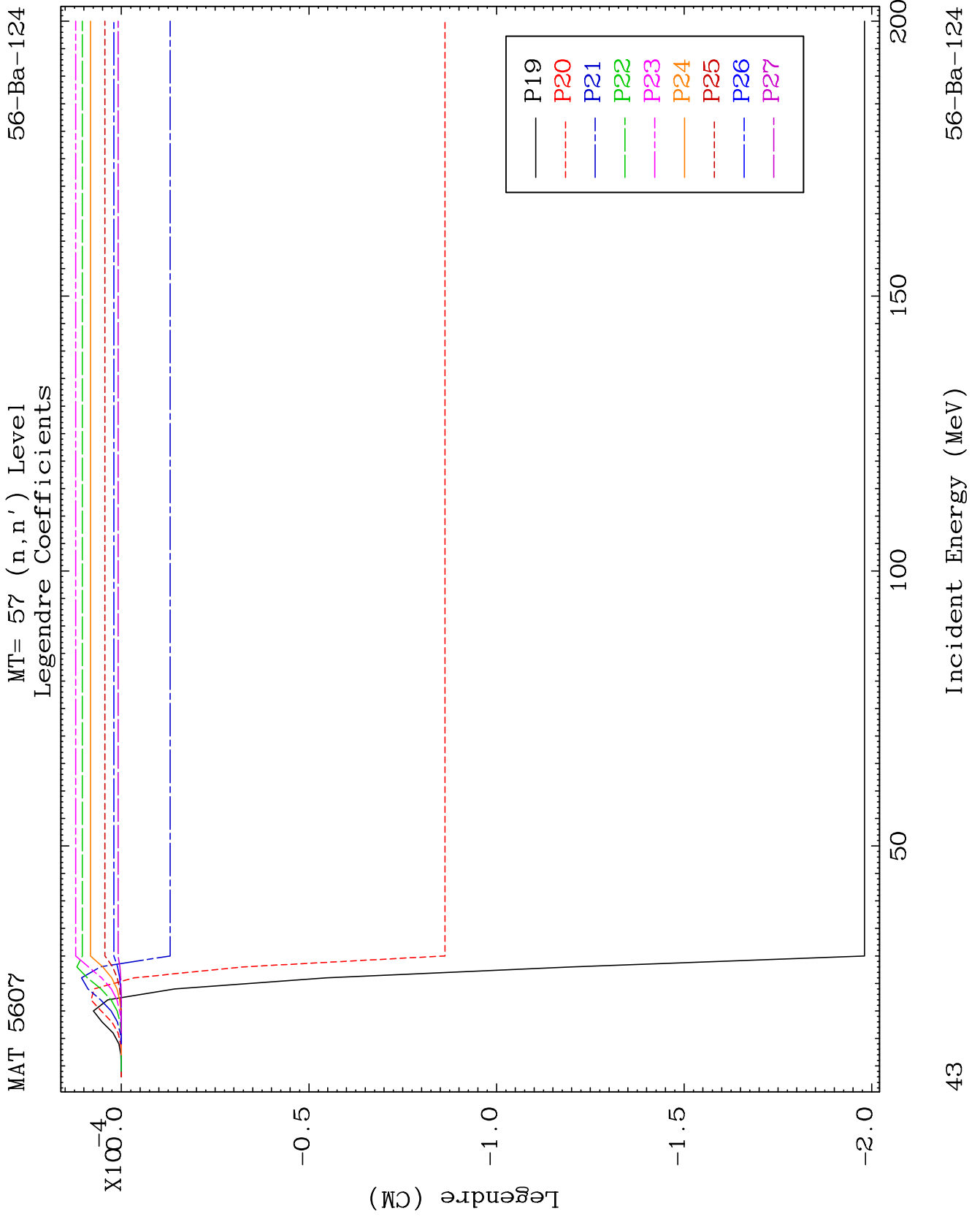
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Incident Energy (MeV)

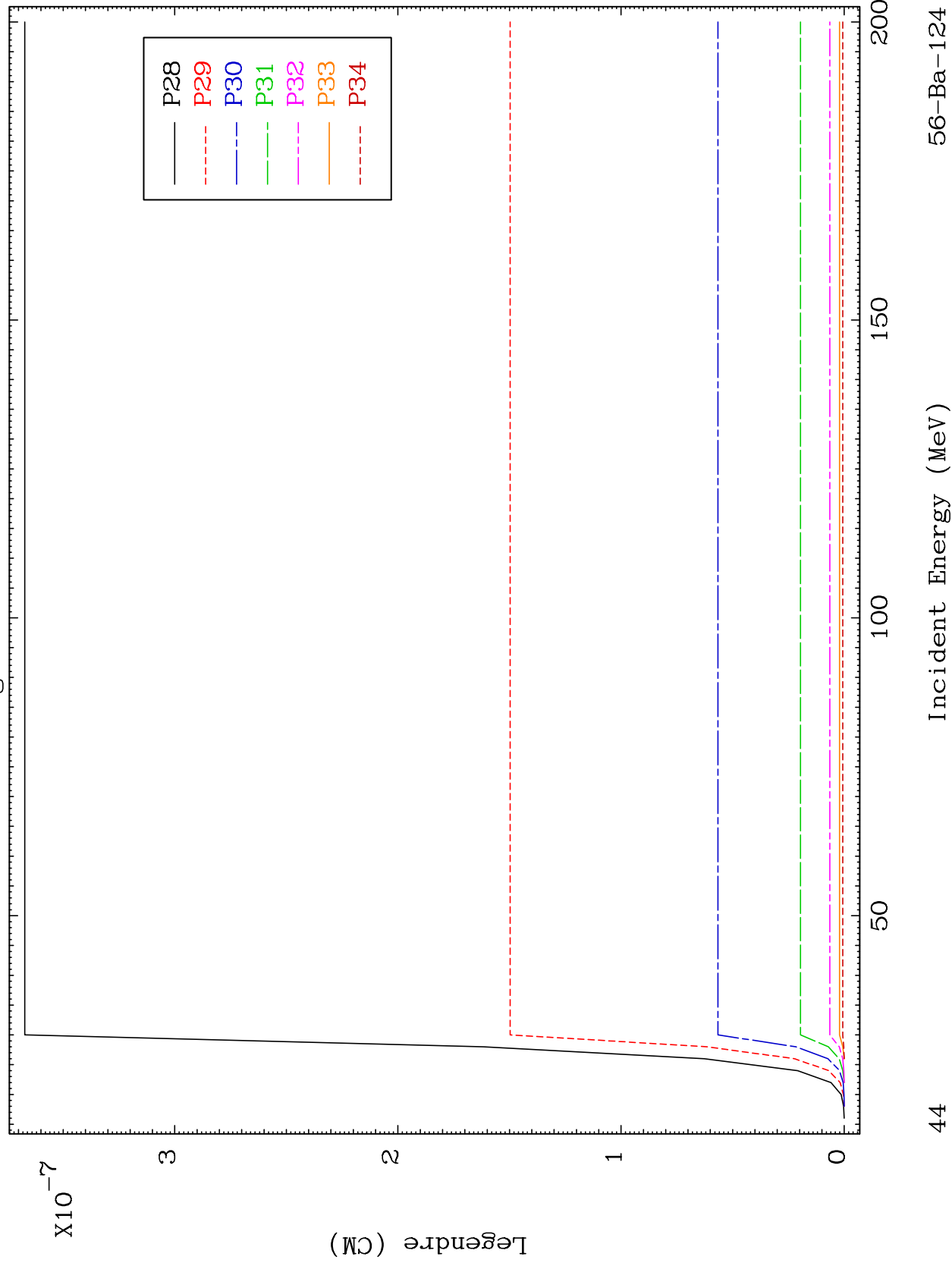
56-Ba-124



MAT 5607

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

56-Ba-124

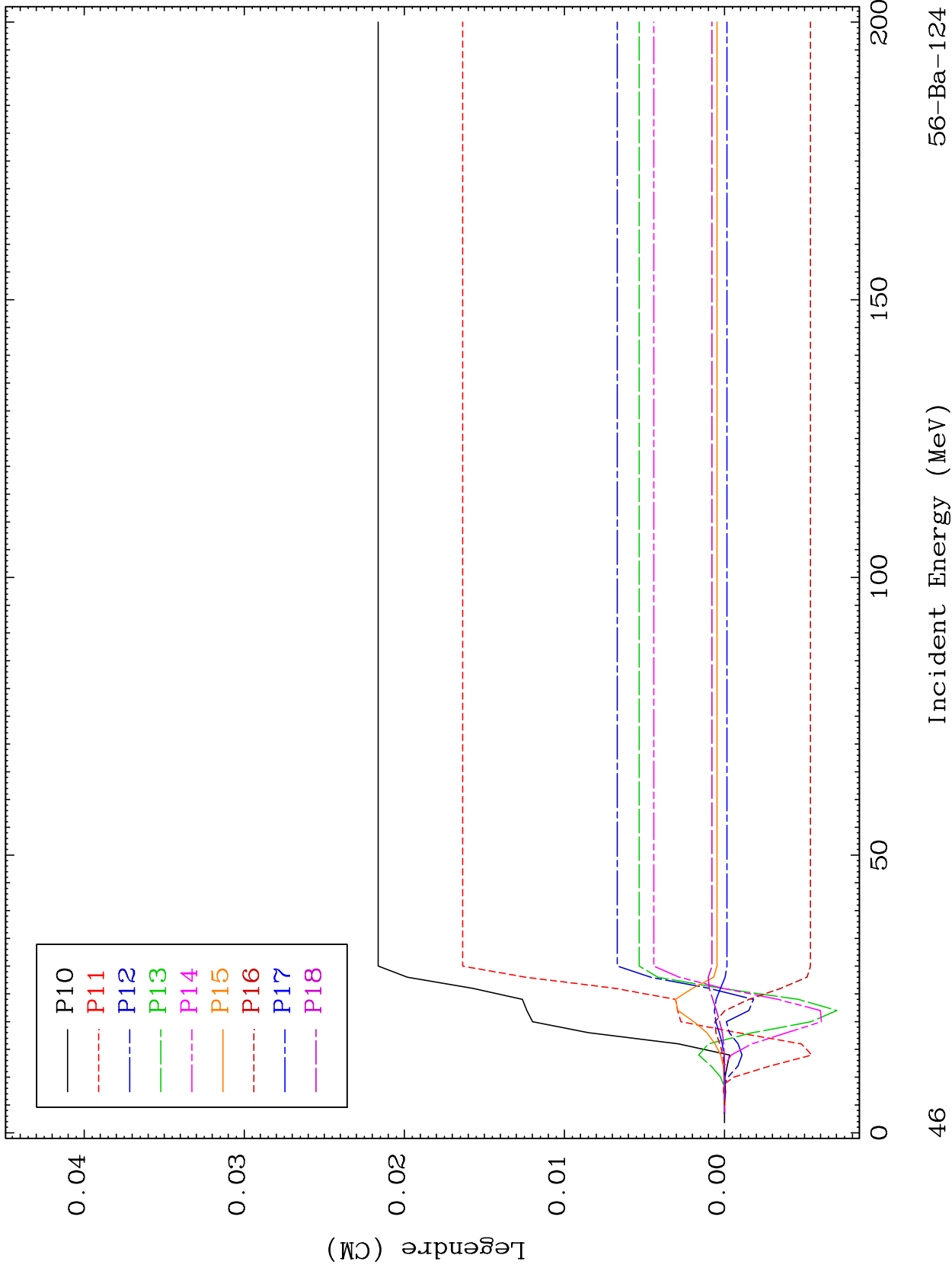


44

MAT 5607

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

56-Ba-124



46

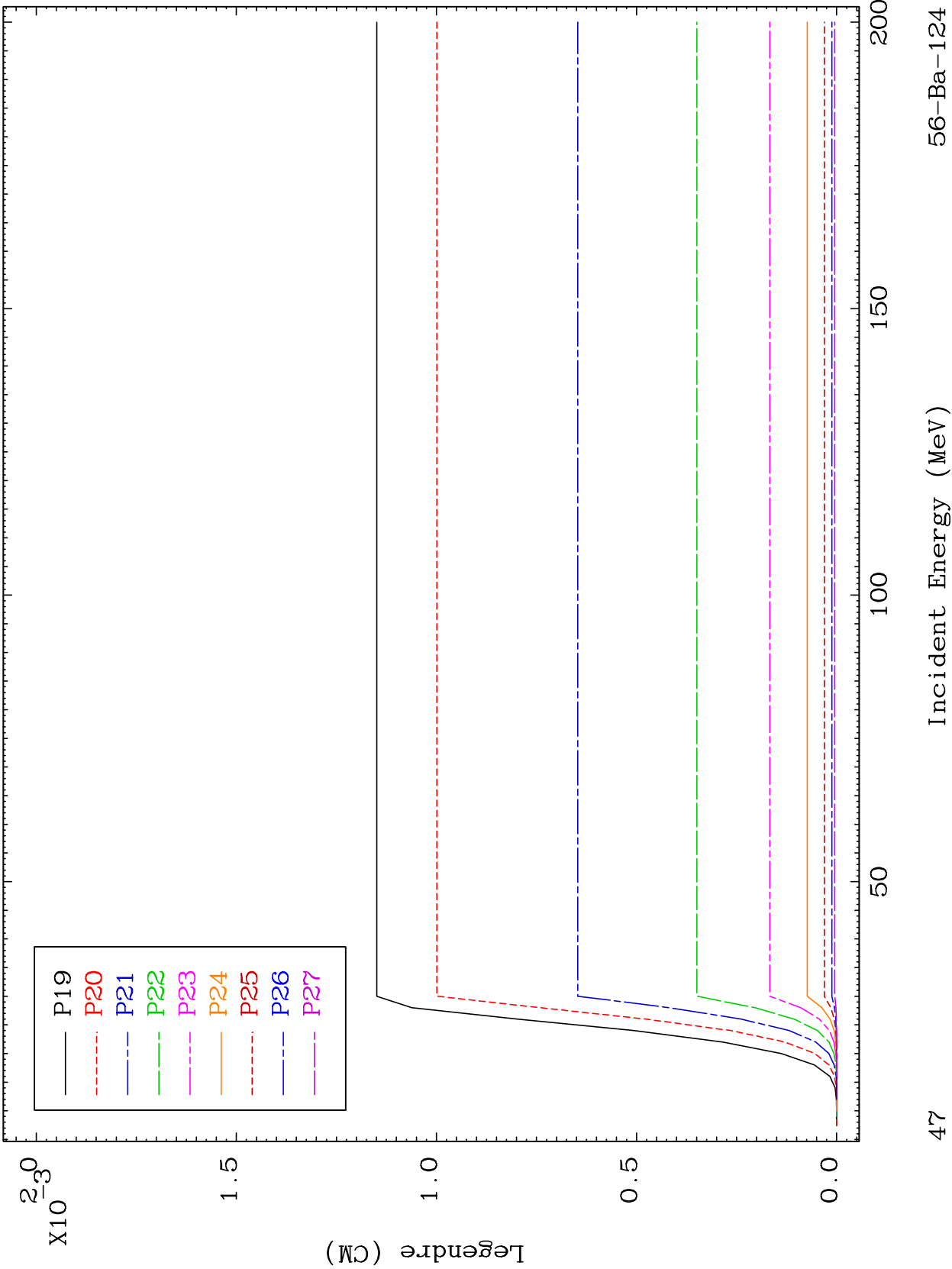
Incident Energy (MeV)

56-Ba-124

MAT 5607

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

56-Ba-124



47

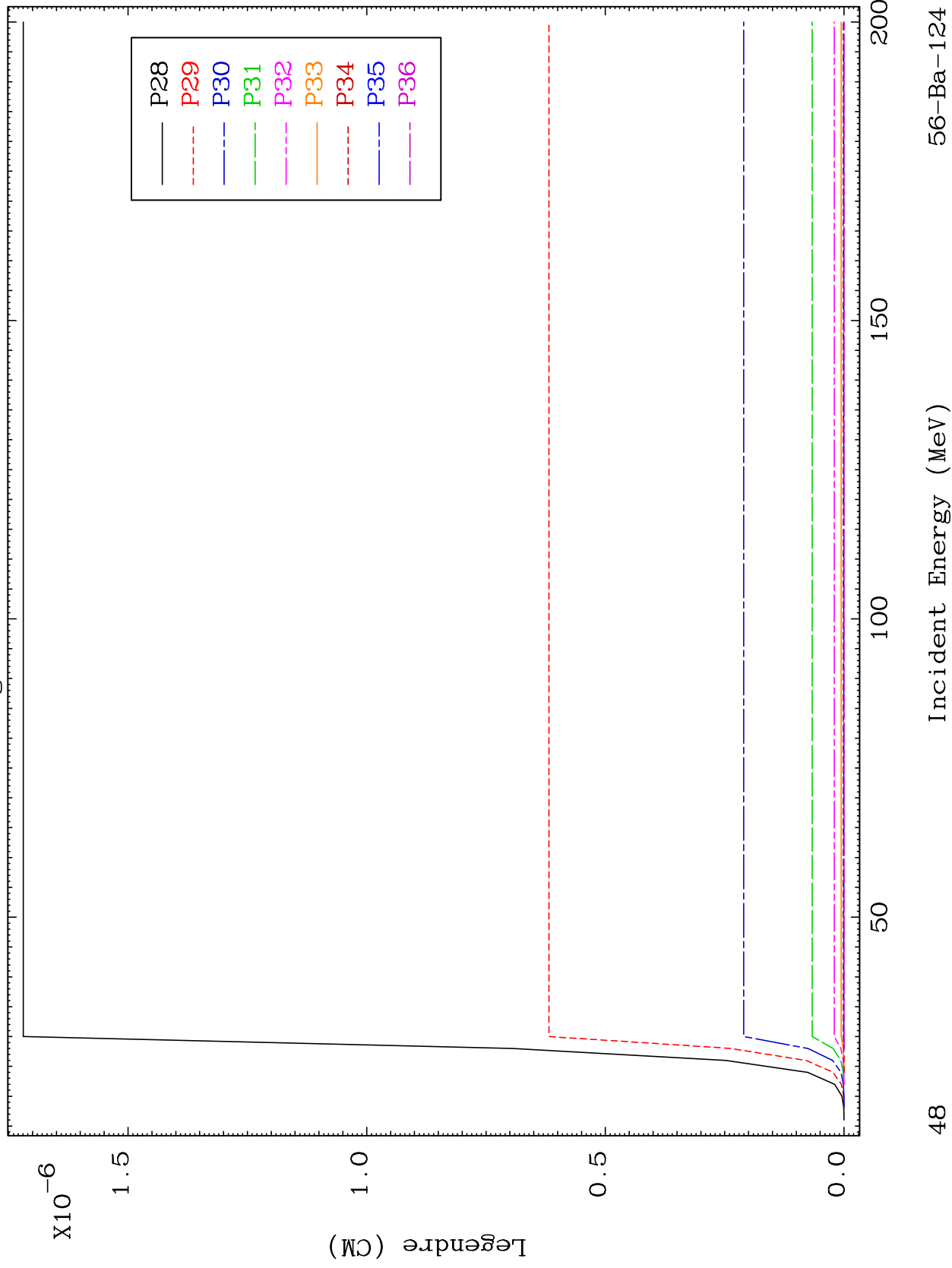
Incident Energy (MeV)

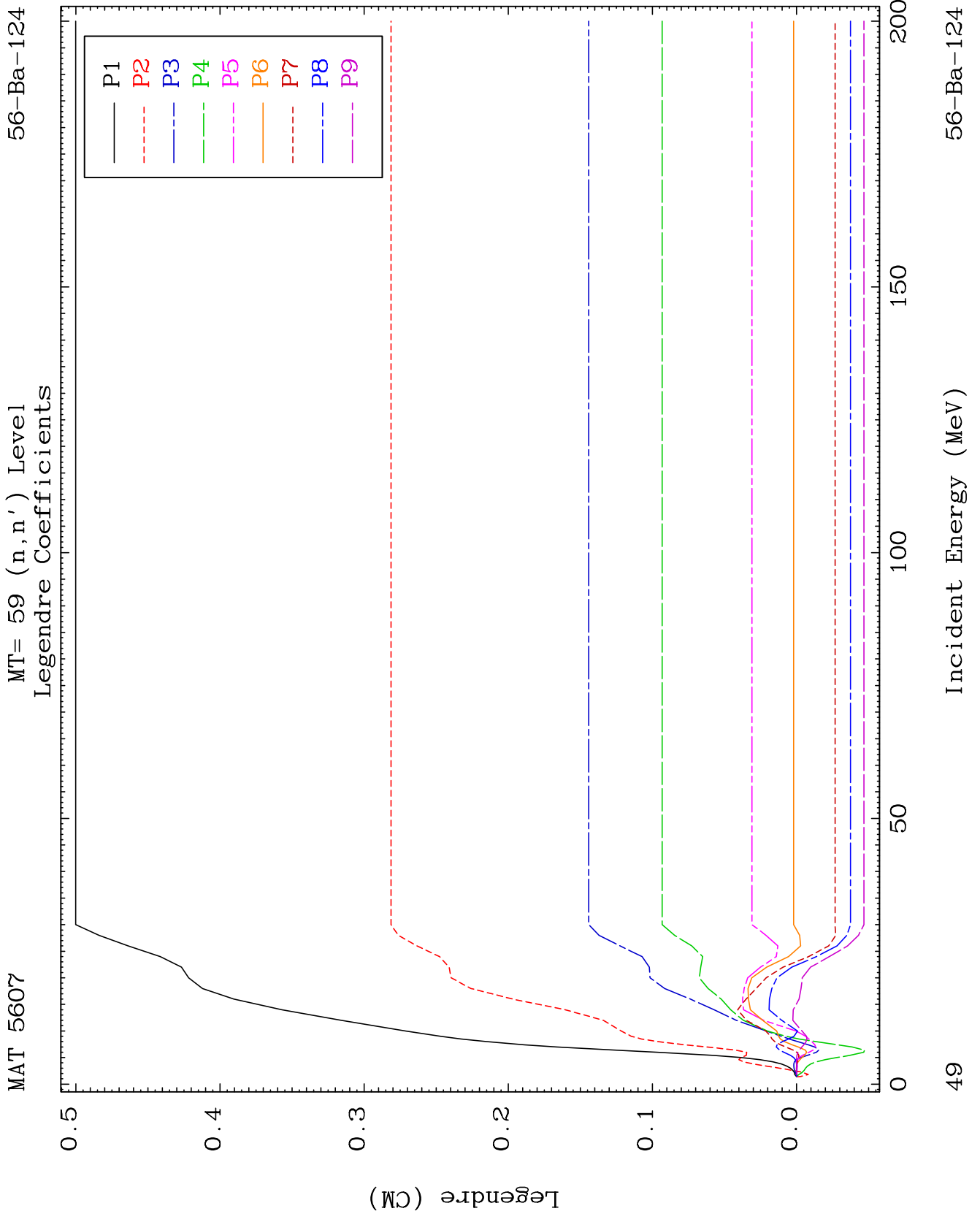
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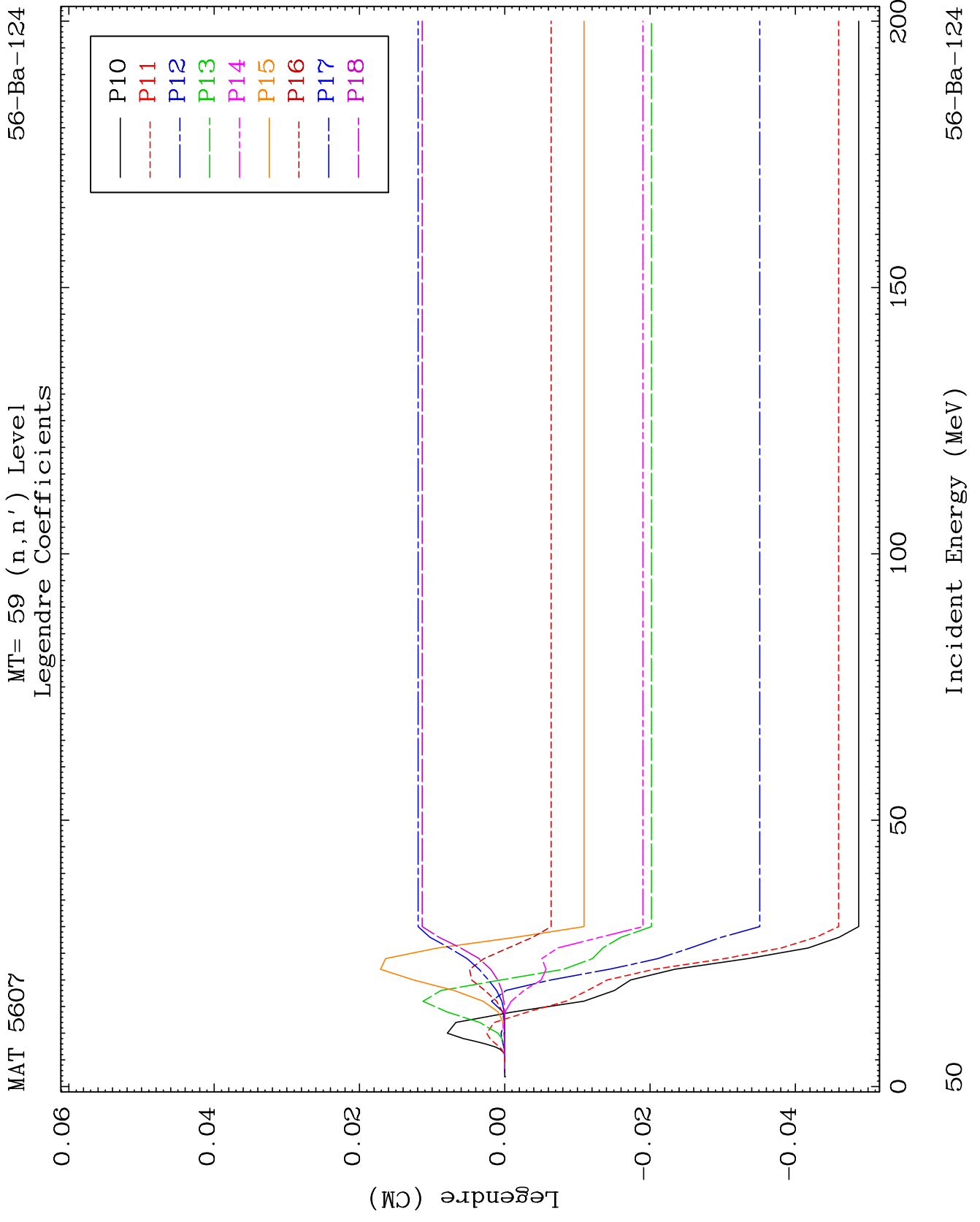
MAT 5607

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

56-Ba-124



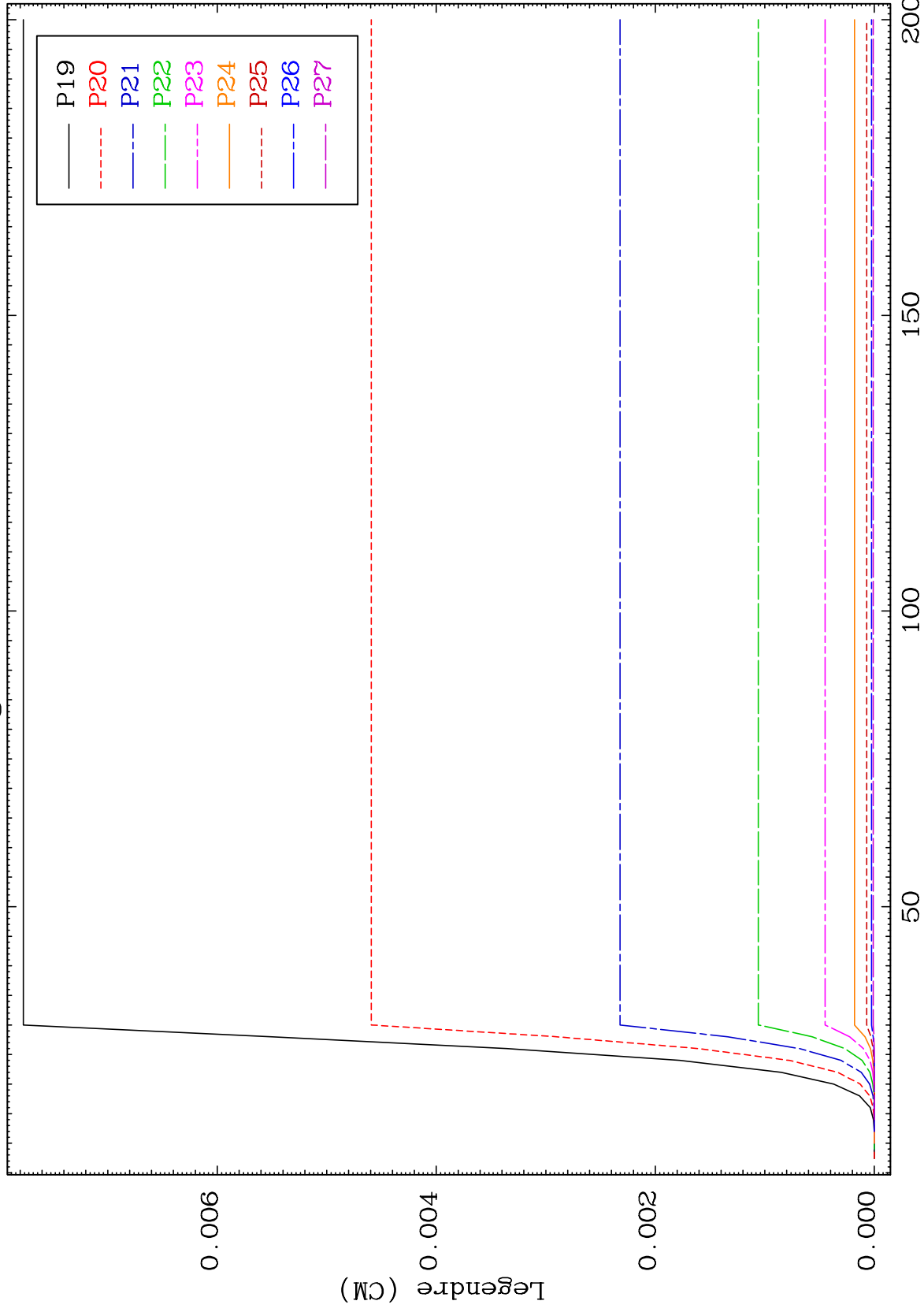




MAT 5607

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

56-Ba-124



51

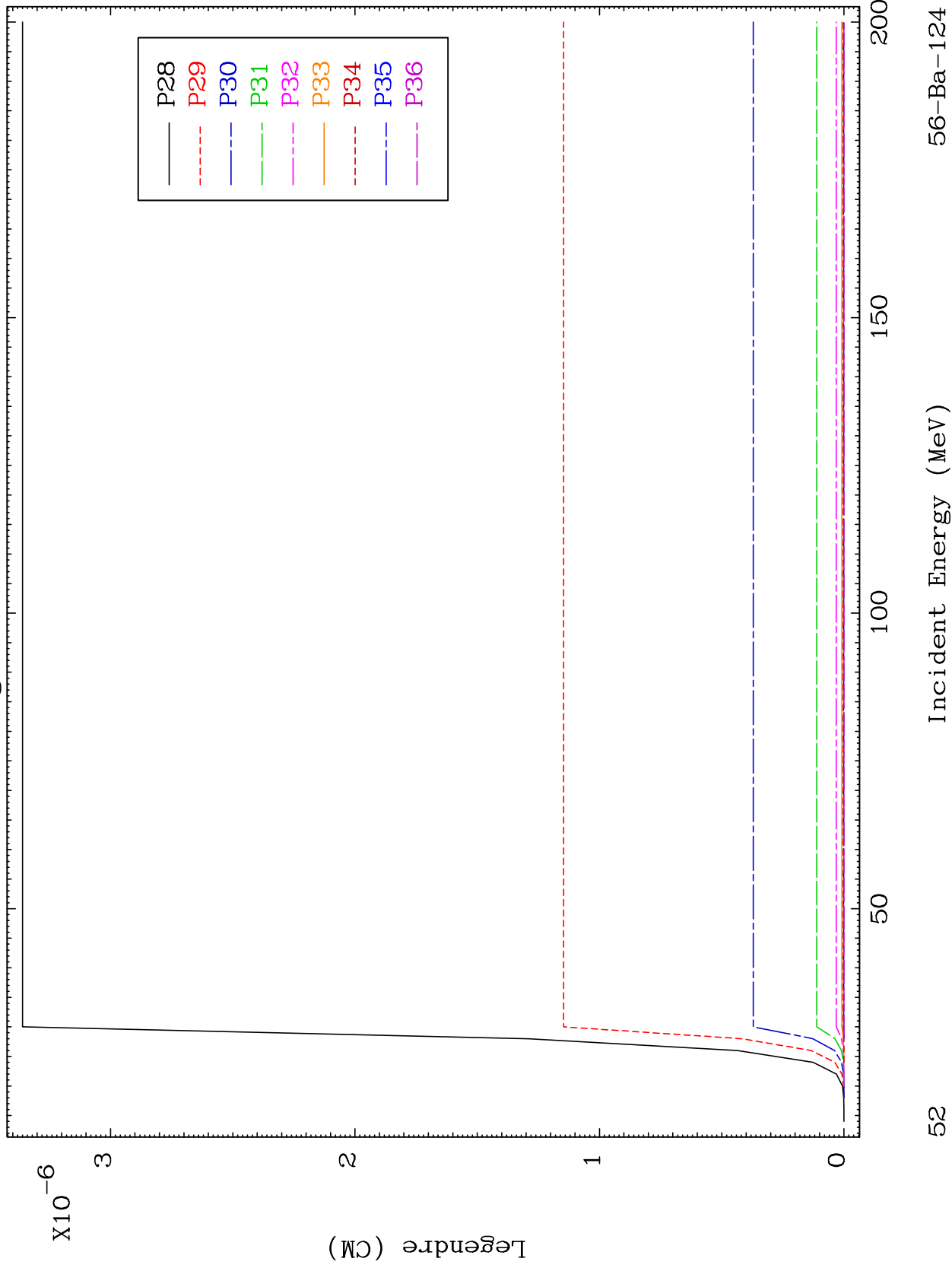
Incident Energy (MeV)

56-Ba-124

MAT 5607

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

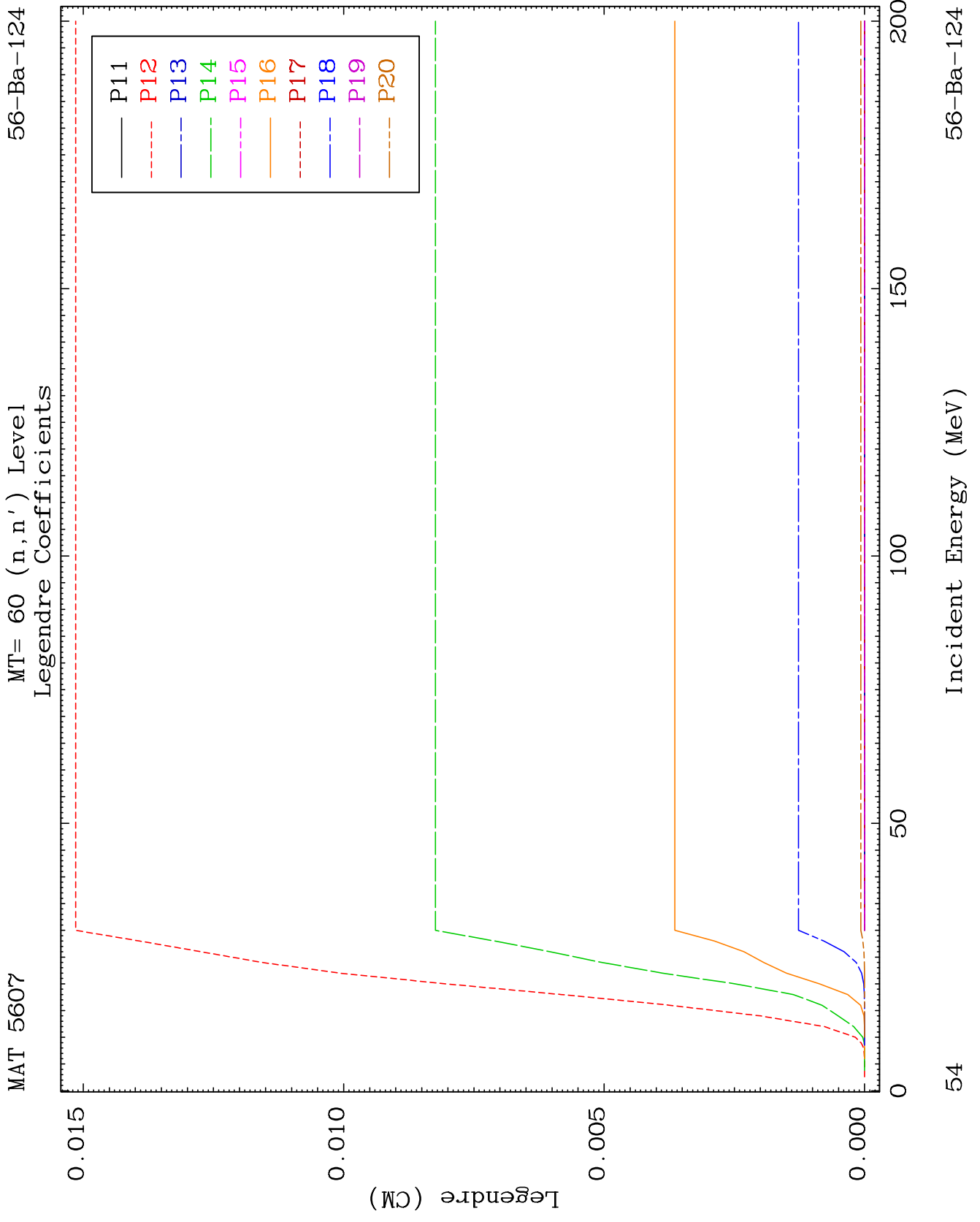
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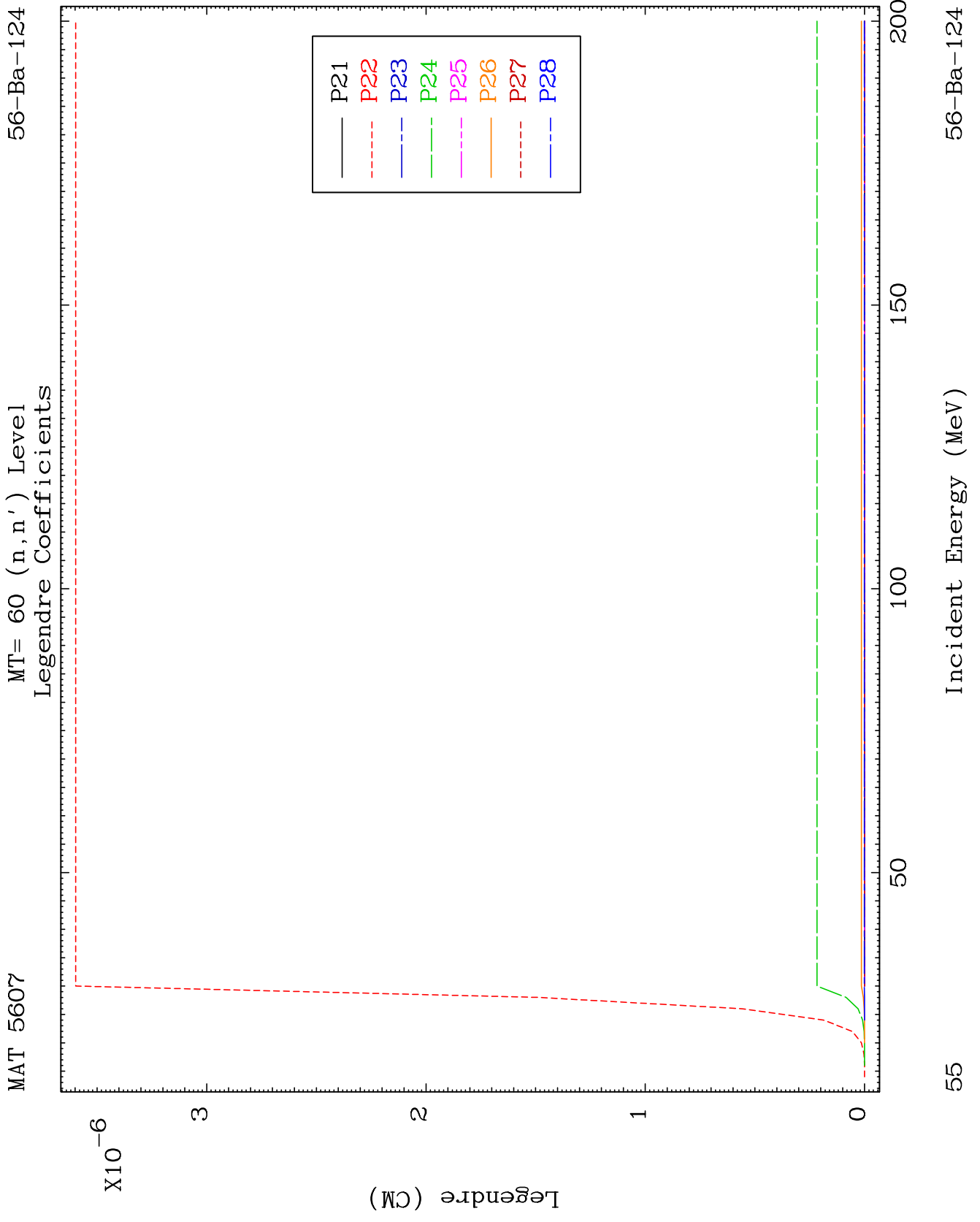


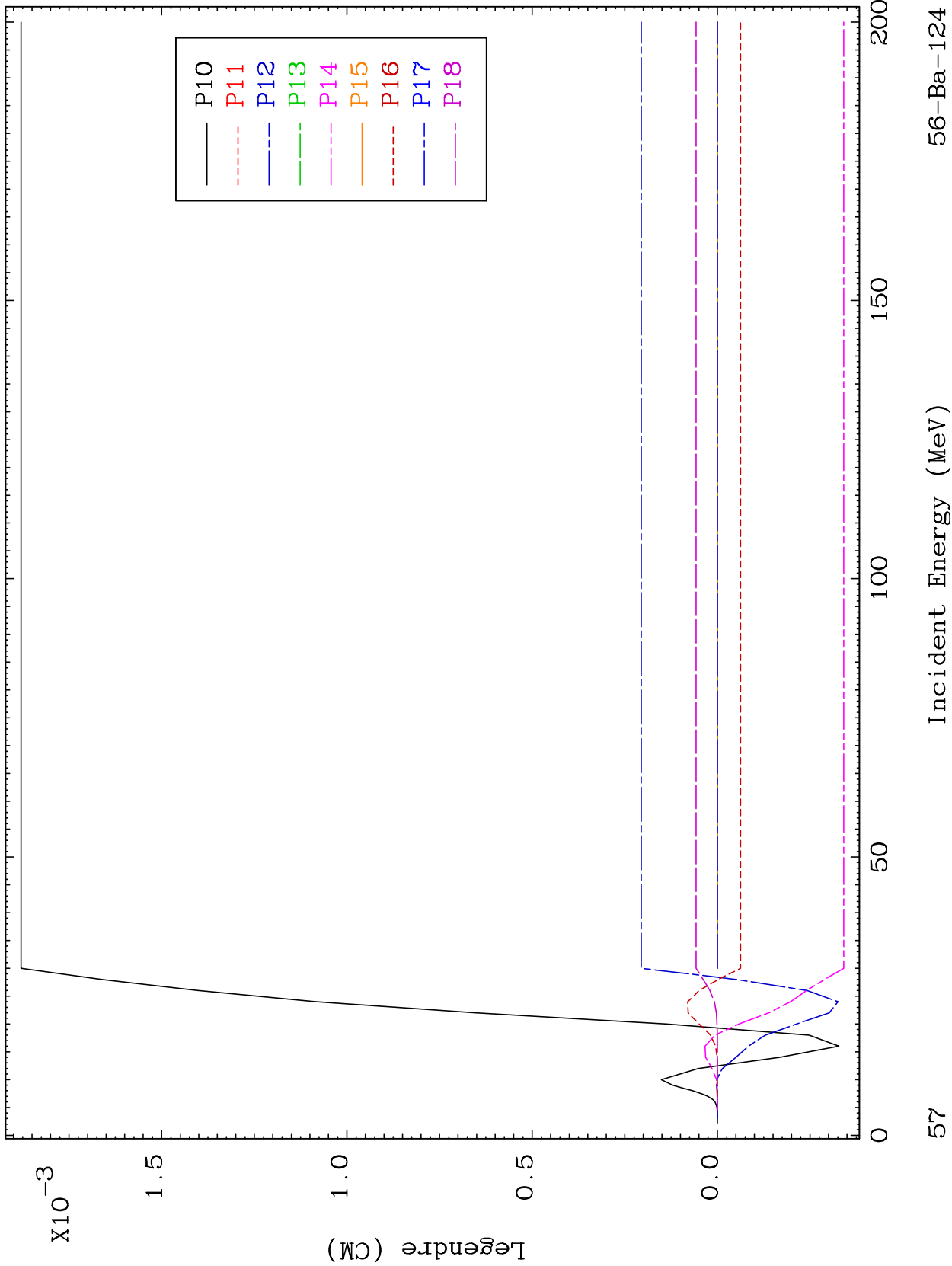
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Incident Energy (MeV)

56-Ba-124



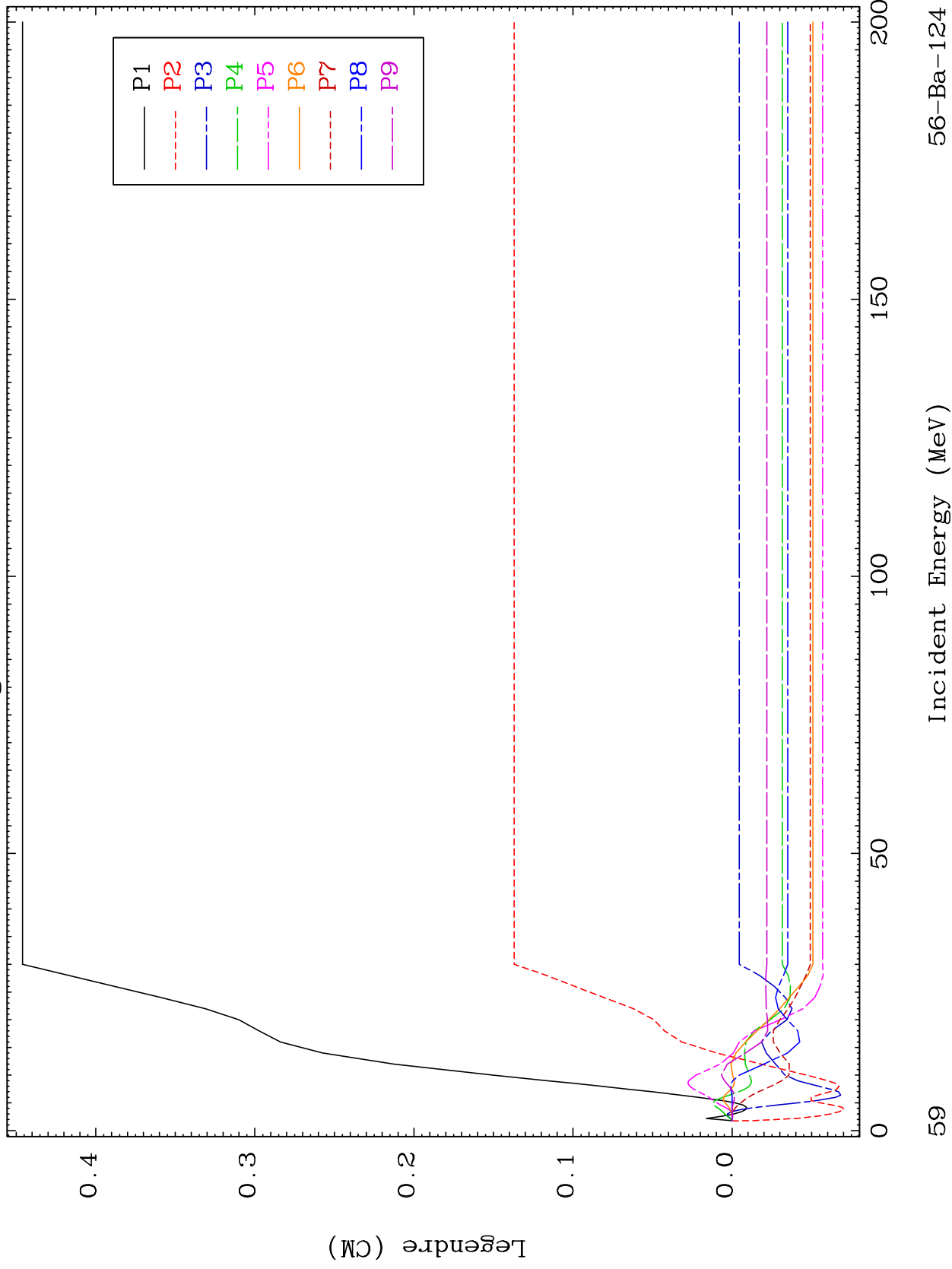




MAT 5607

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

56-Ba-124



56-Ba-124

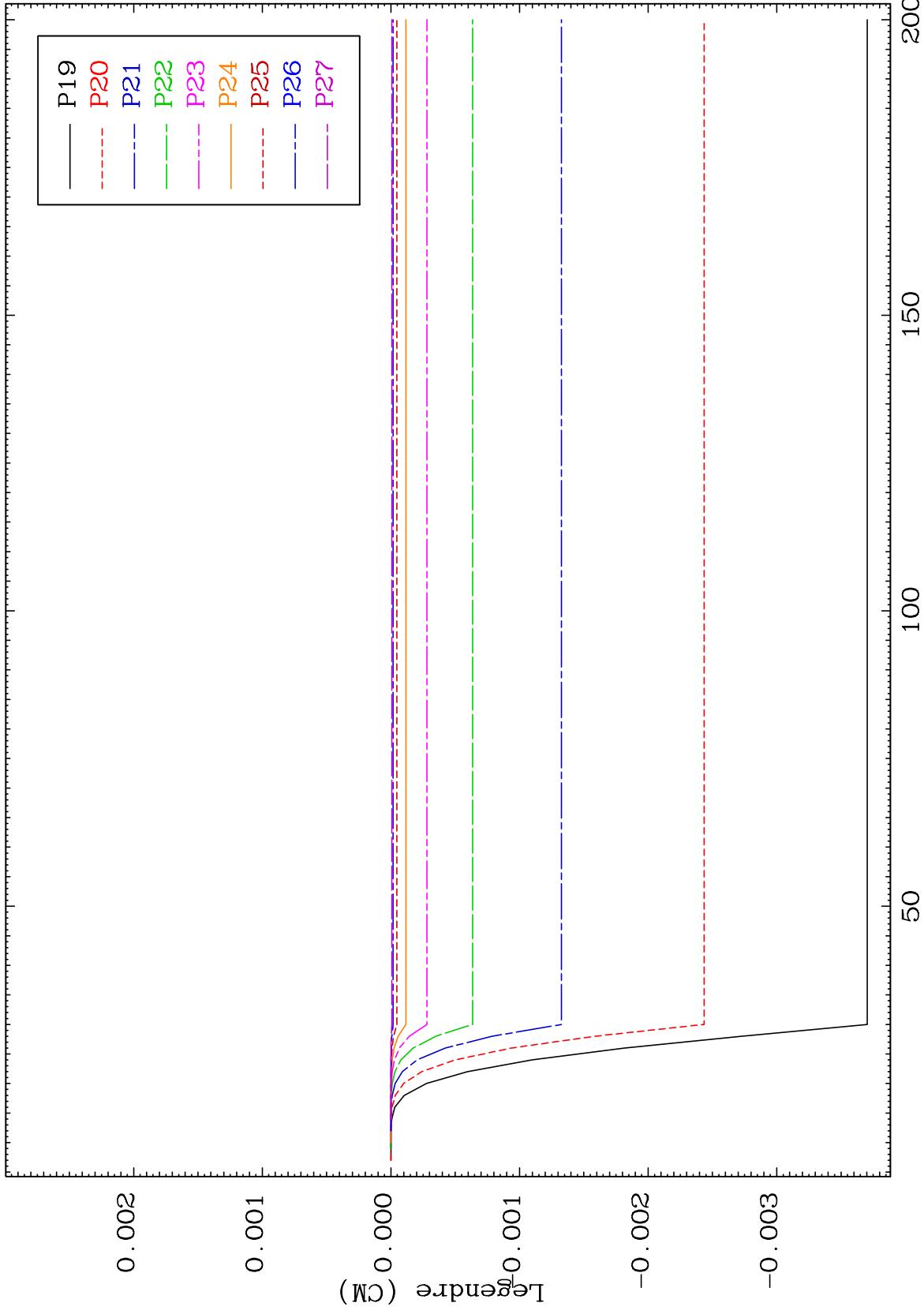
Incident Energy (MeV)

59

MAT 5607

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

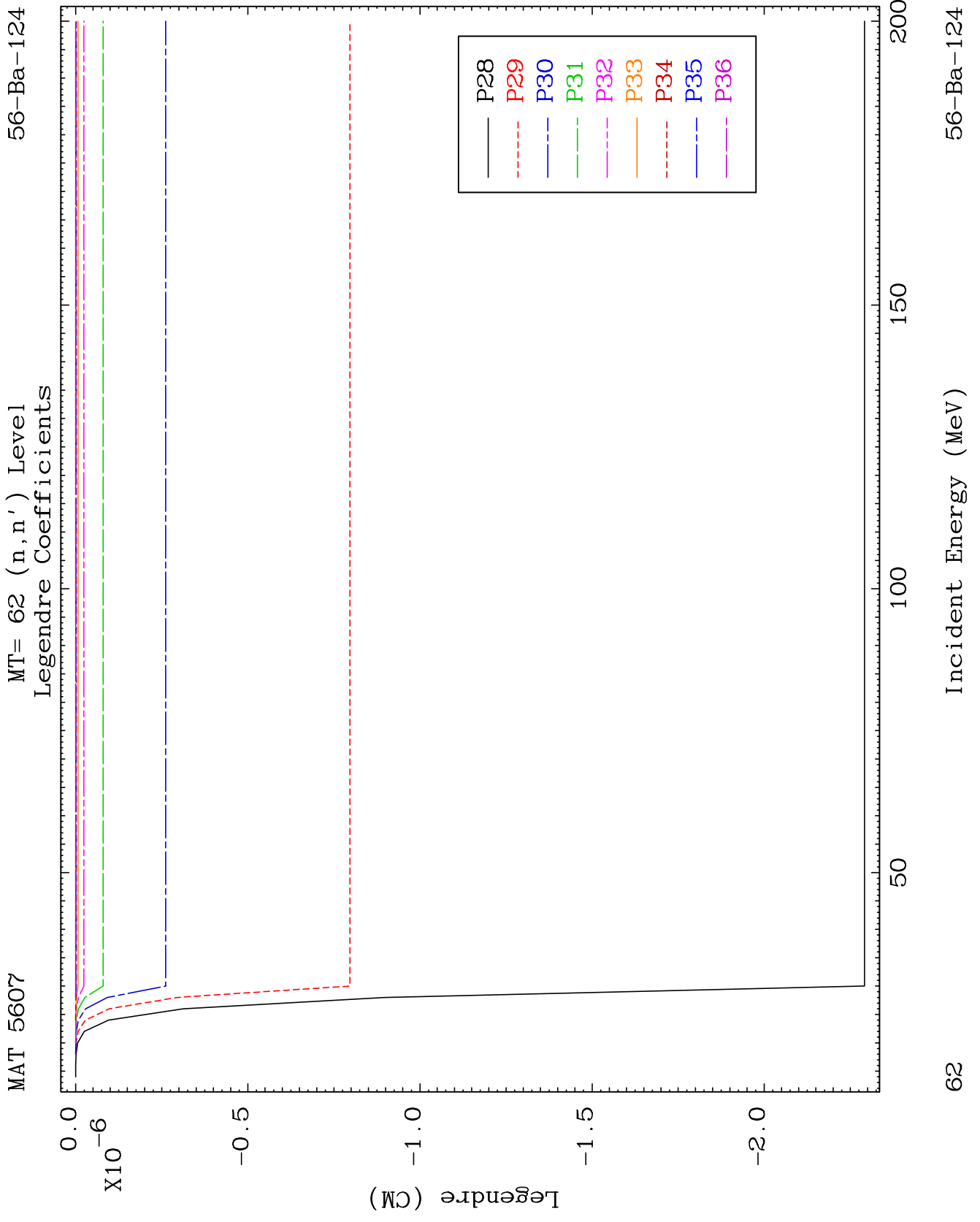
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61

Incident Energy (MeV)

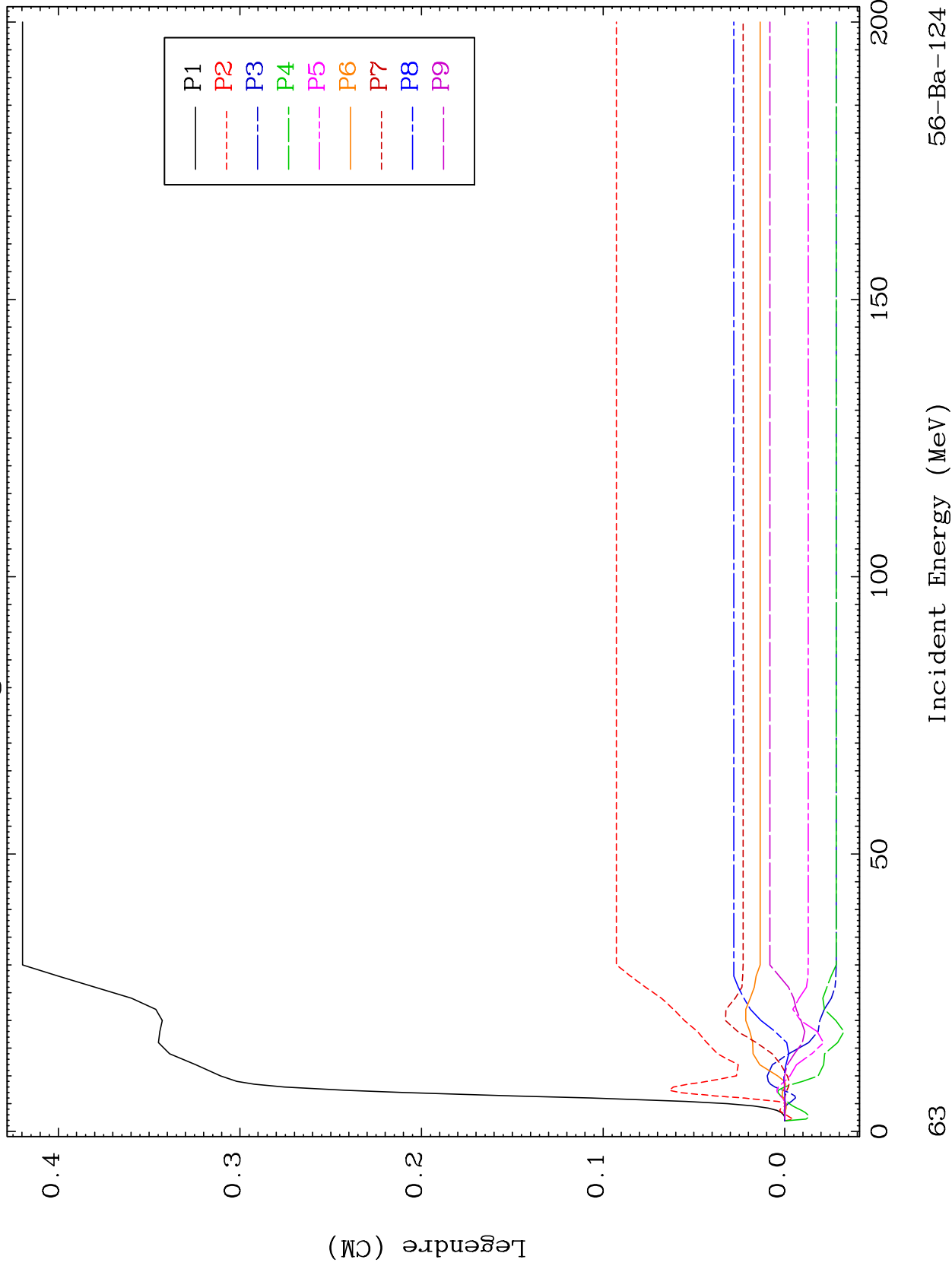
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MAT 5607

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

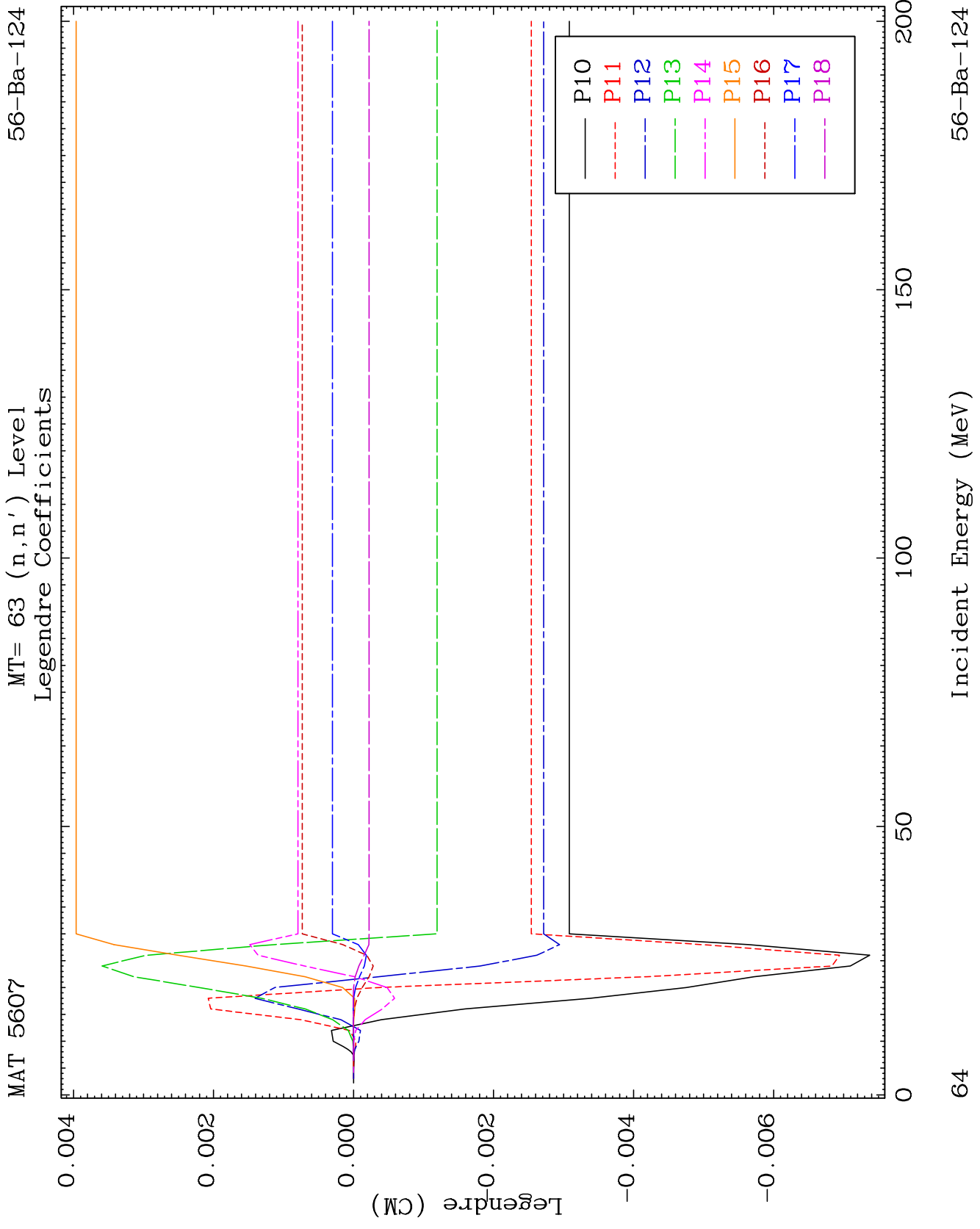
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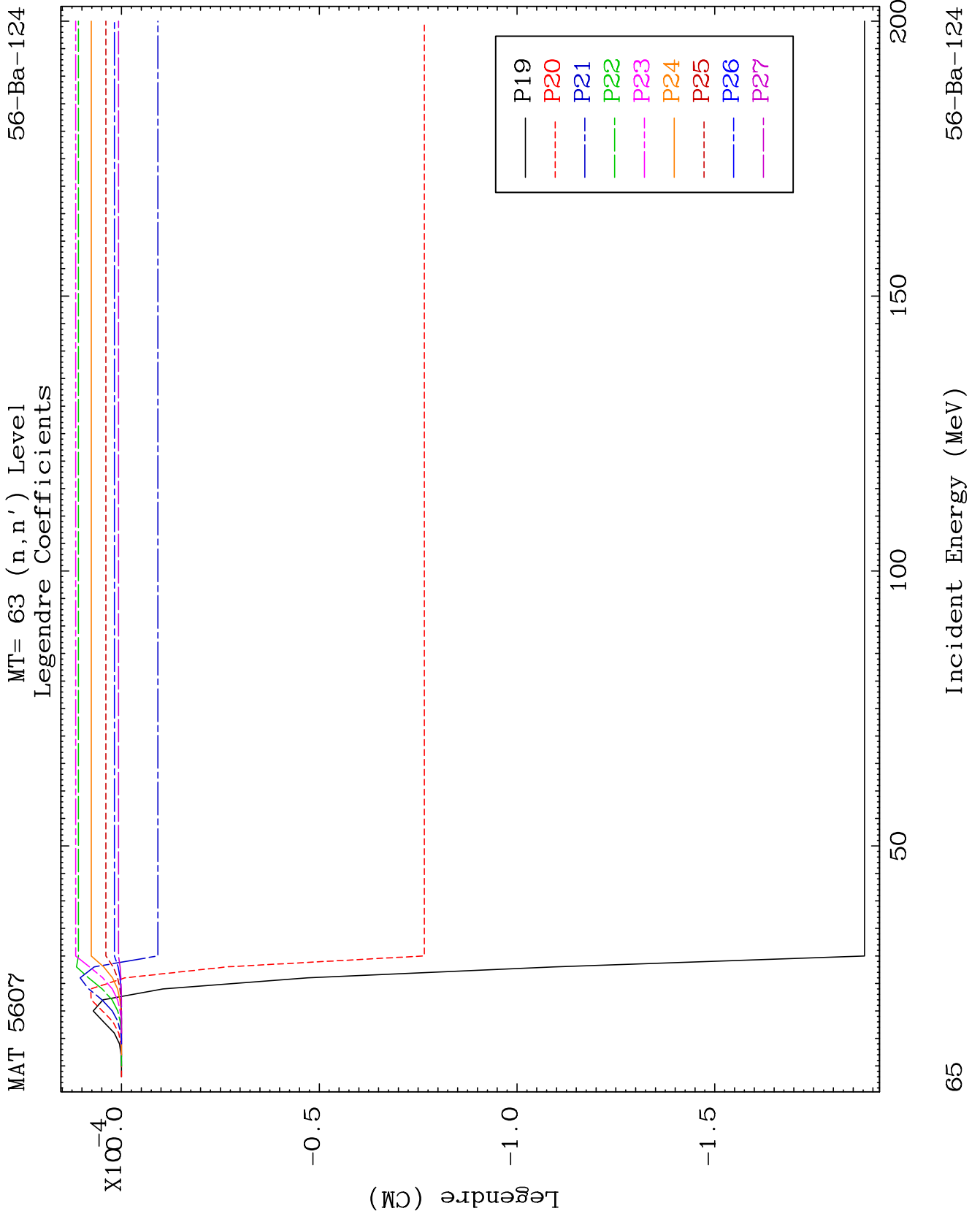


56-Ba-124

Incident Energy (MeV)

63

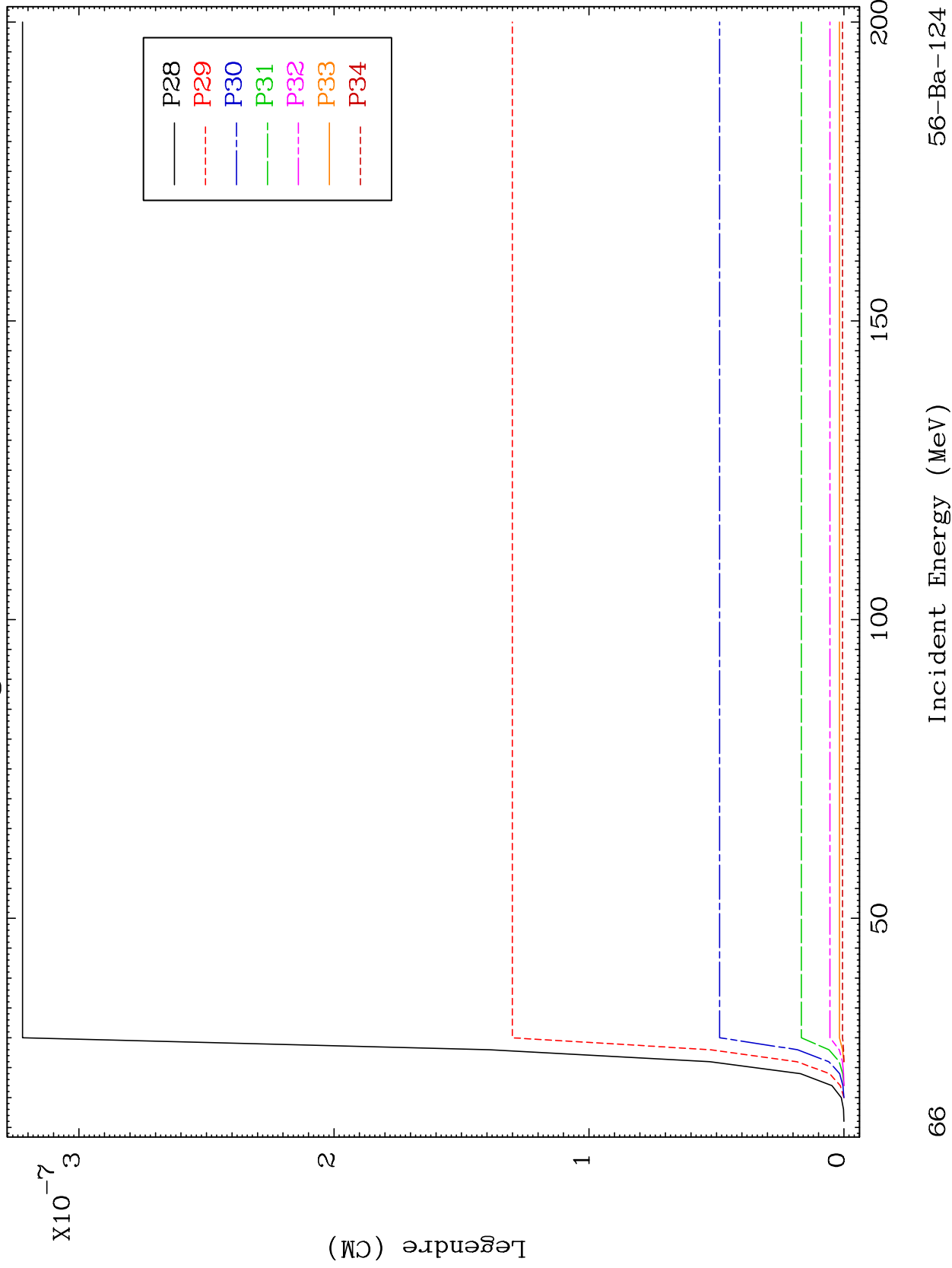




MAT 5607

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

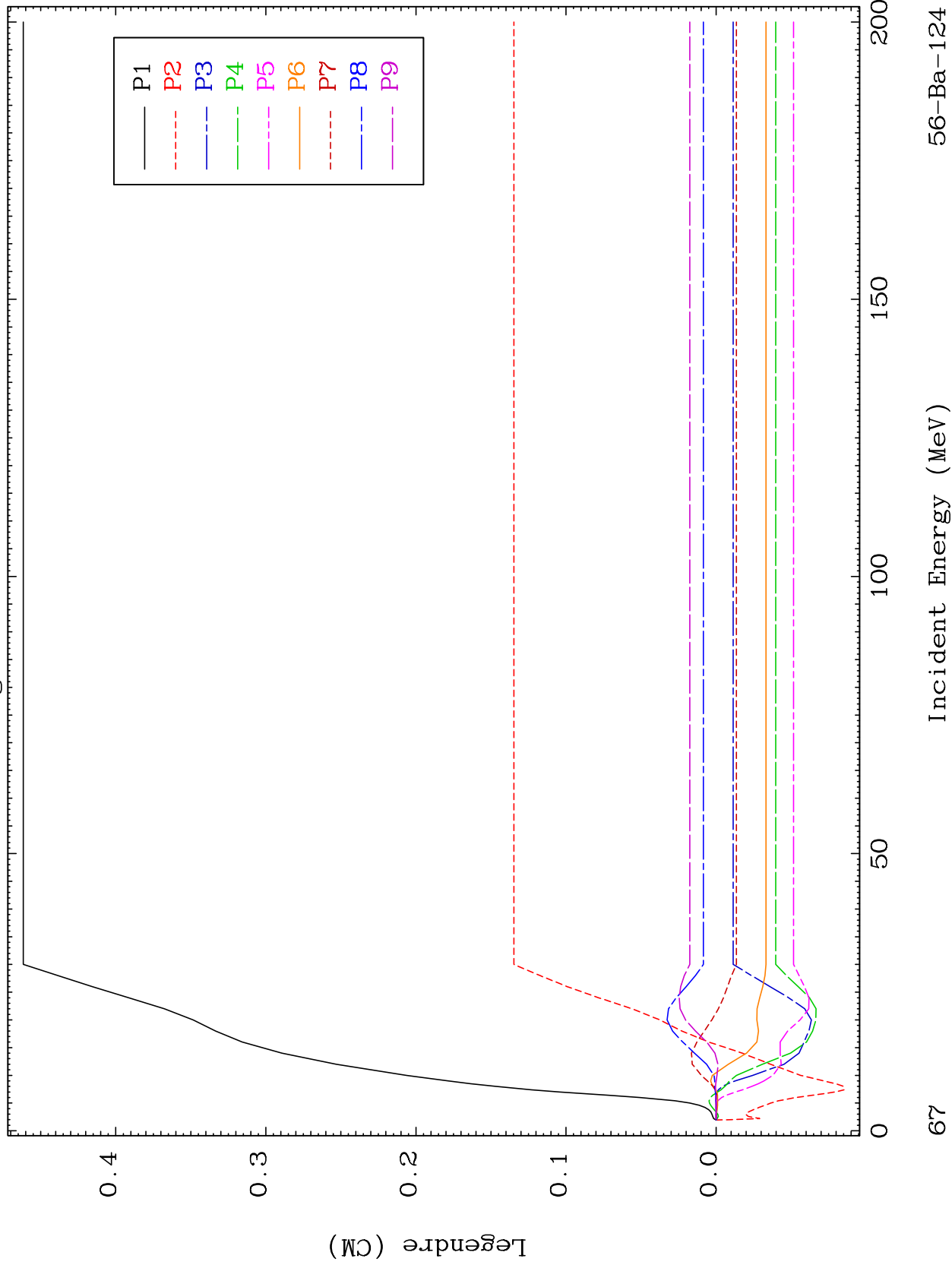
56-Ba-124



MAT 5607

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

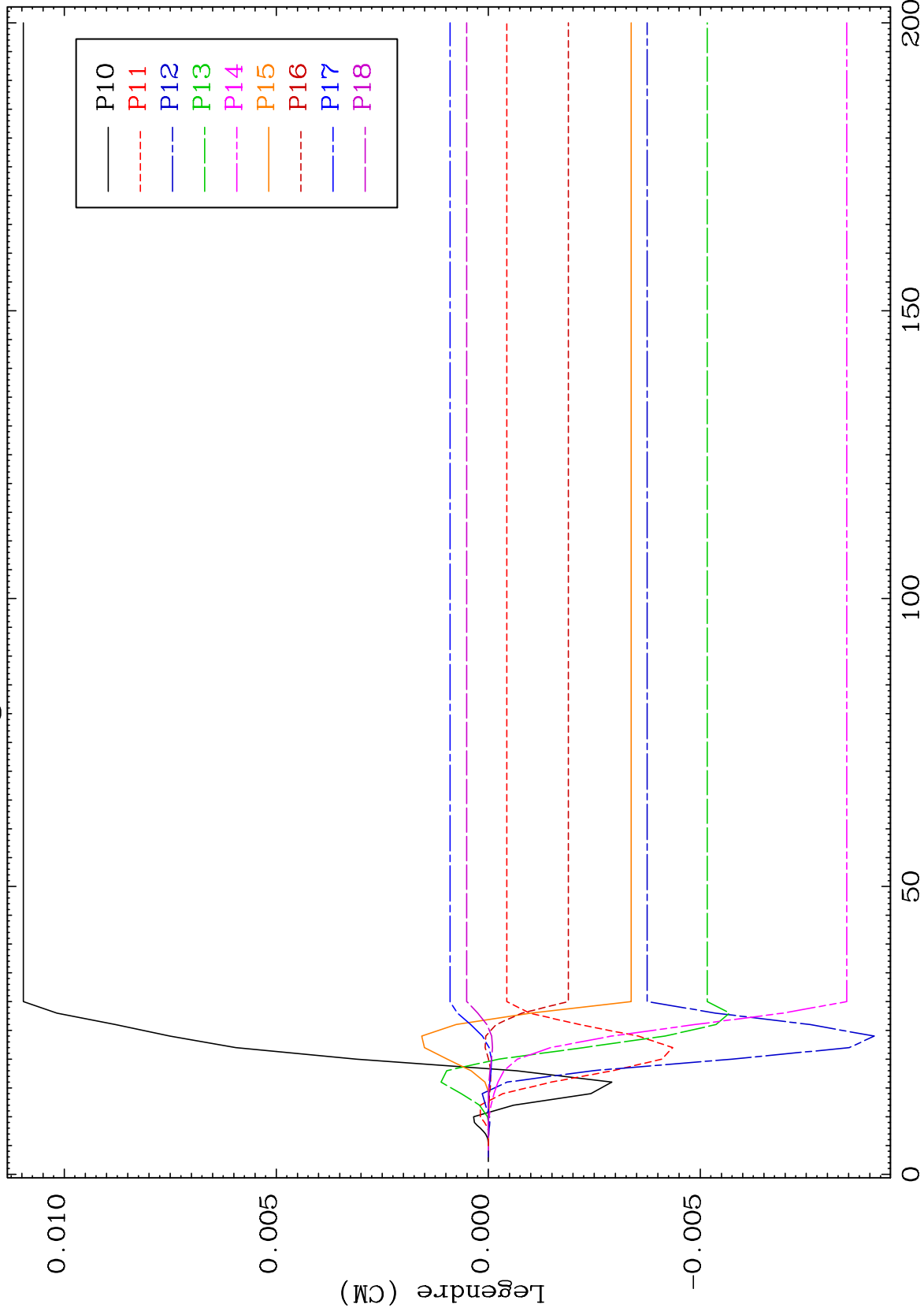
56-Ba-124



MAT 5607

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

56-Ba-124



68

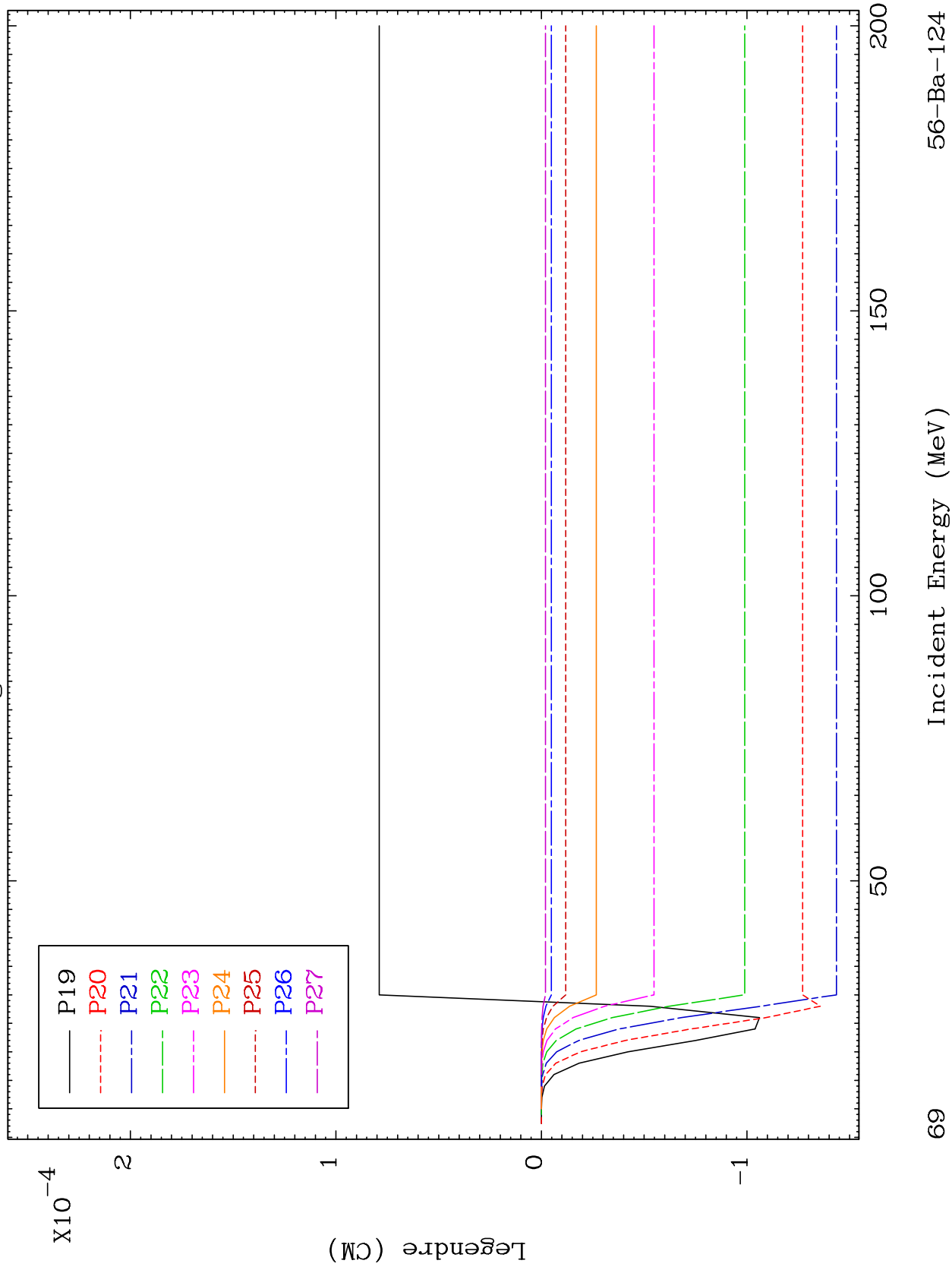
Incident Energy (MeV)

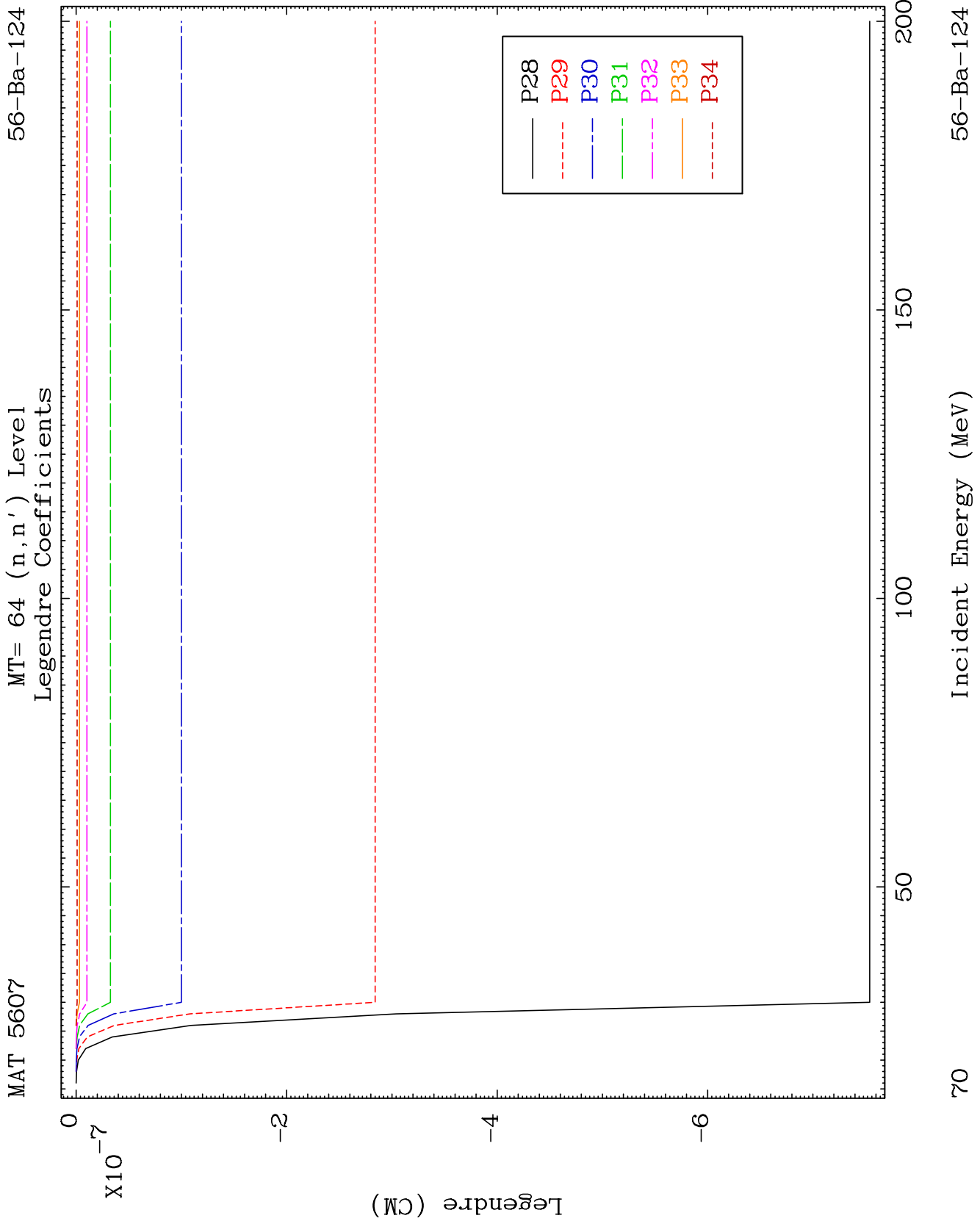
56-Ba-124

MAT 5607

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

56-Ba-124

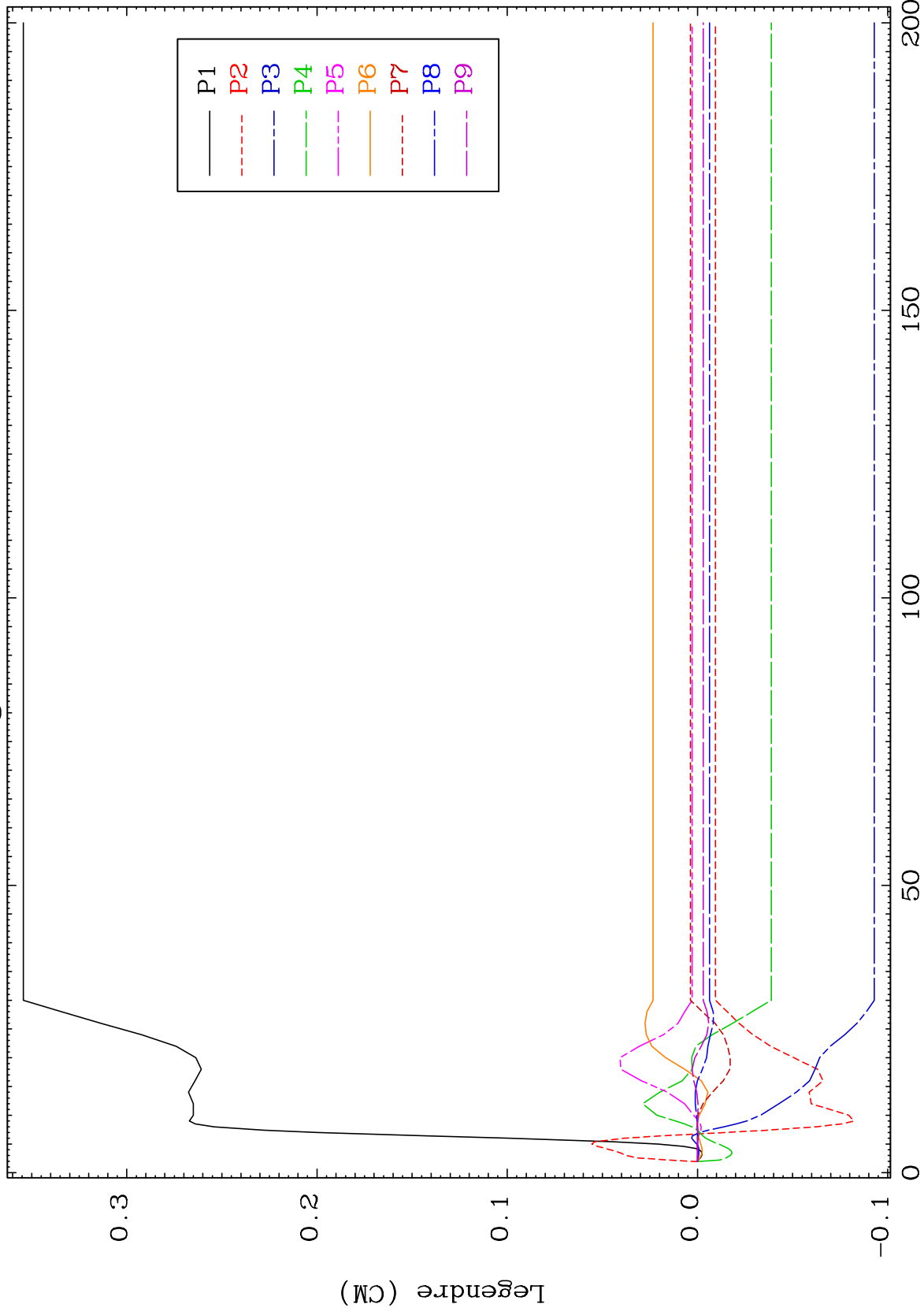




MAT 5607

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

56-Ba-124



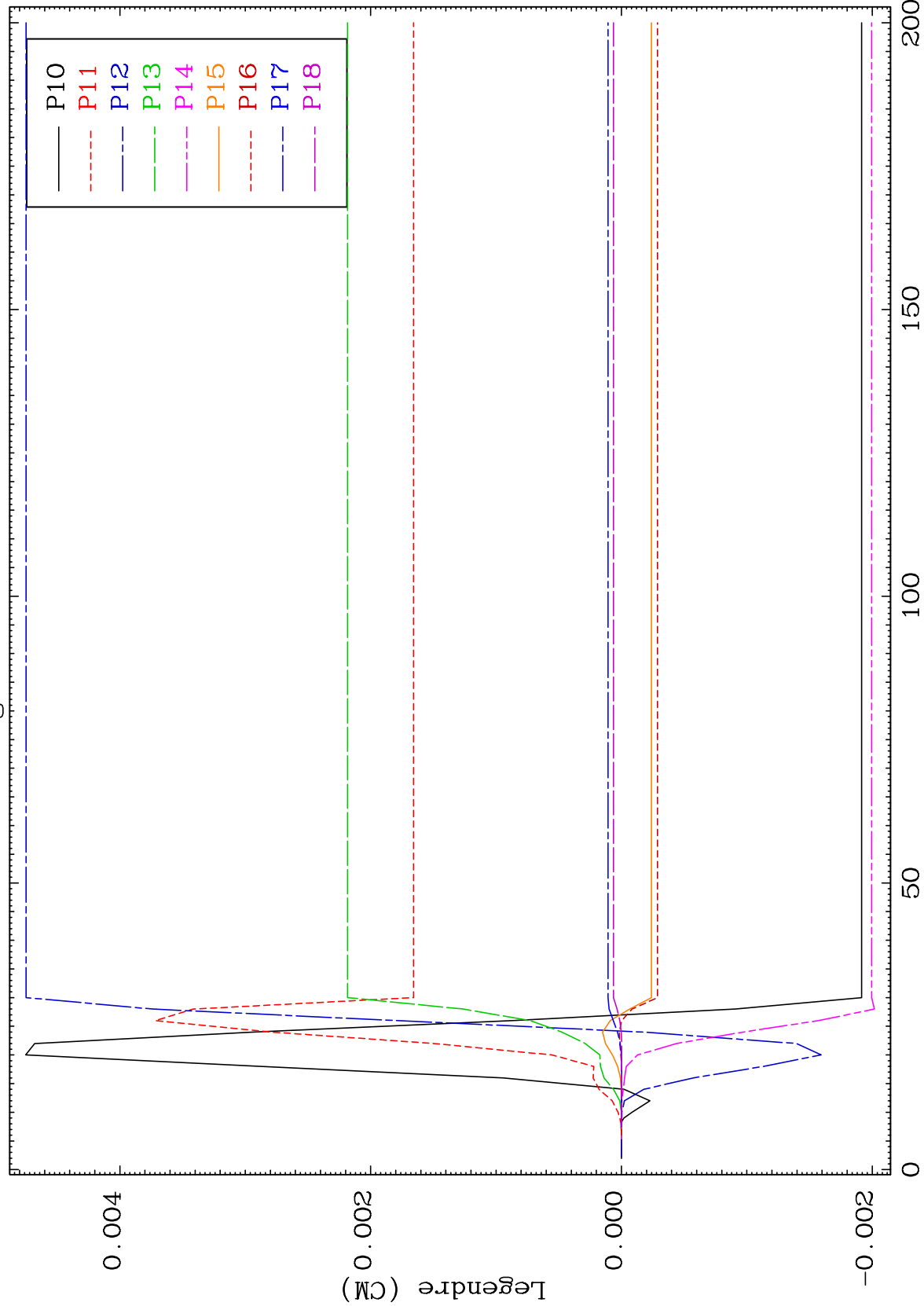
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56-Ba-124

MAT 5607

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

56-Ba-124



56-Ba-124

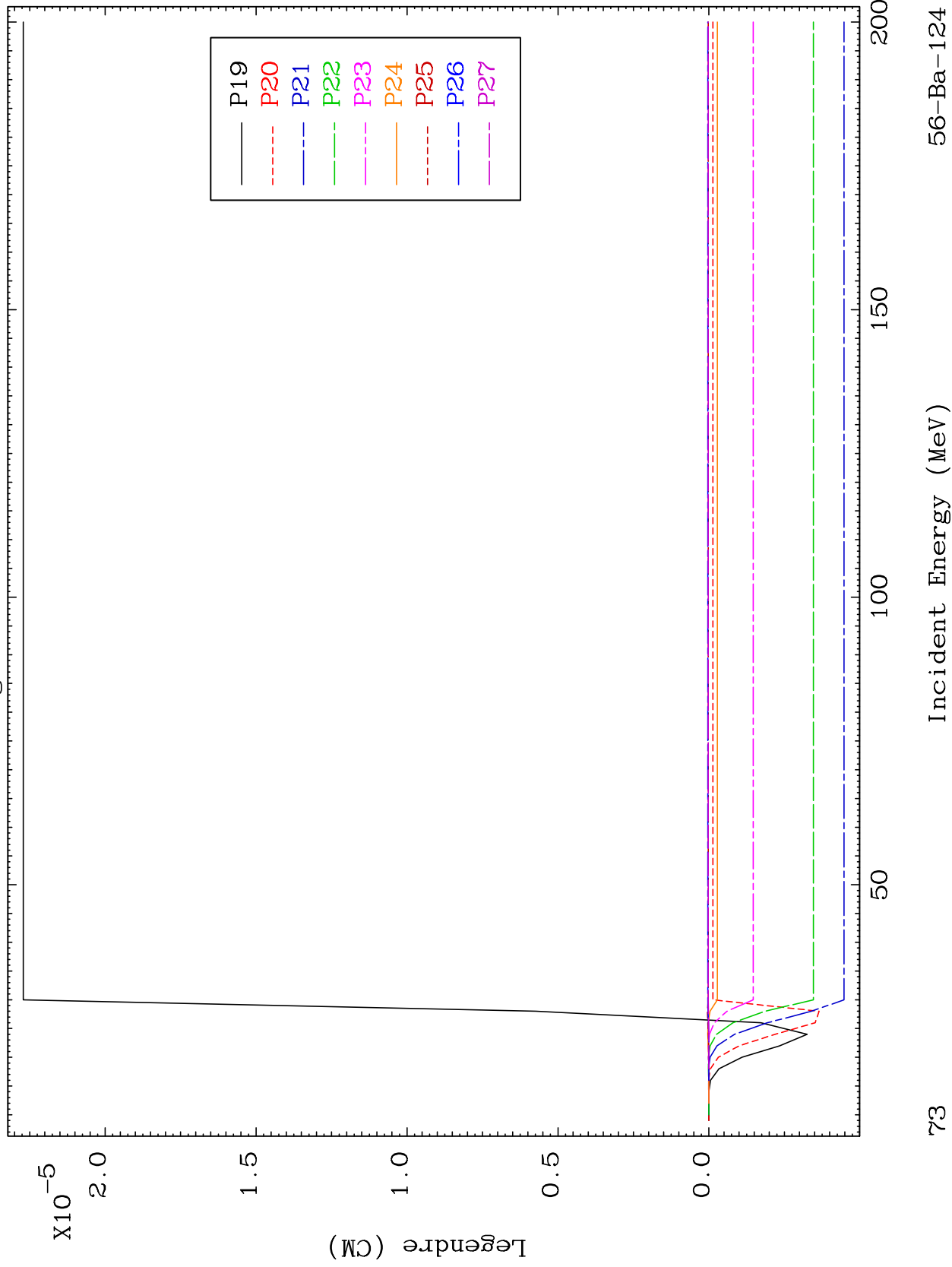
Incident Energy (MeV)

72

MAT 5607

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

56-Ba-124



73

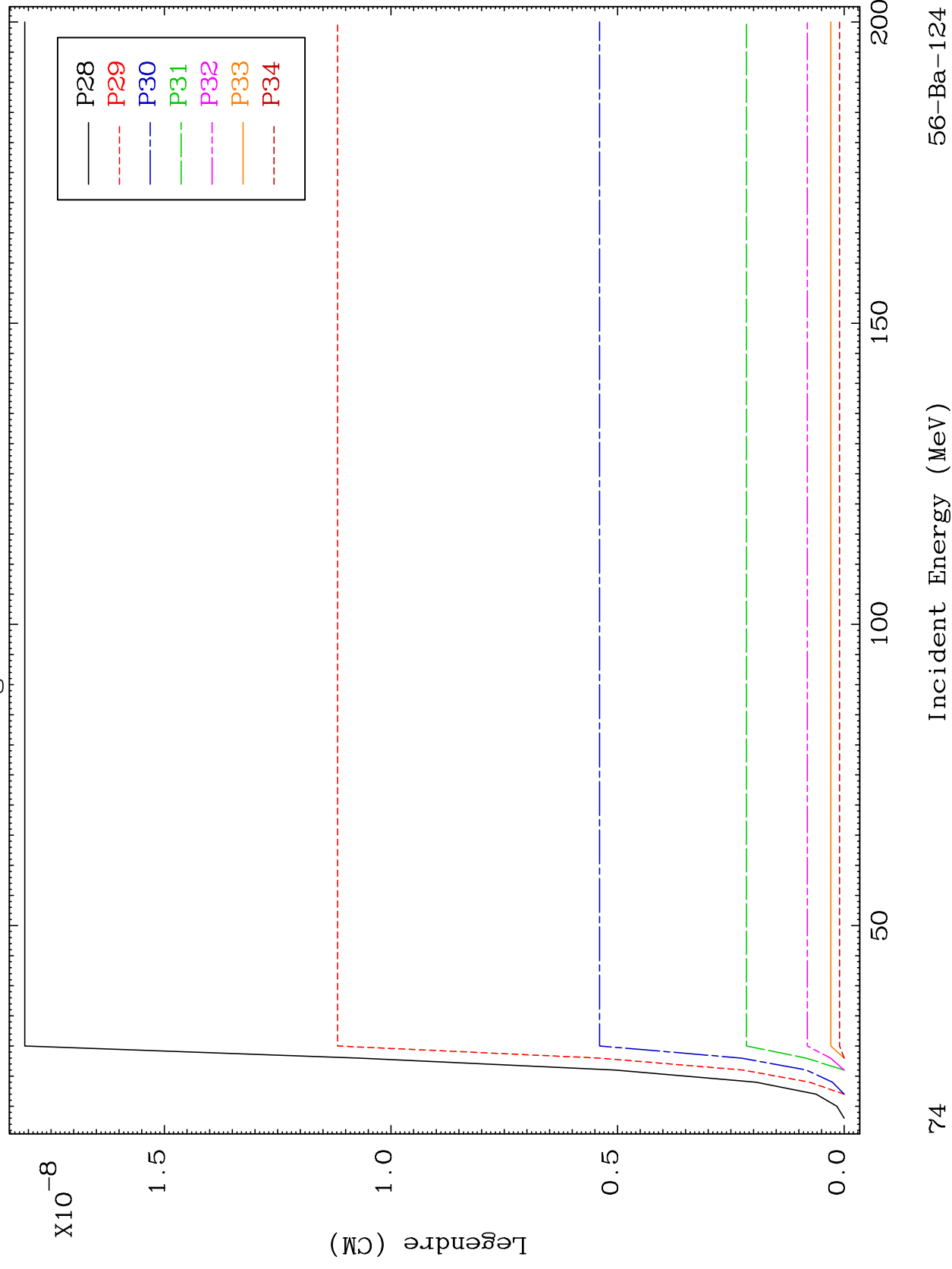
Incident Energy (MeV)

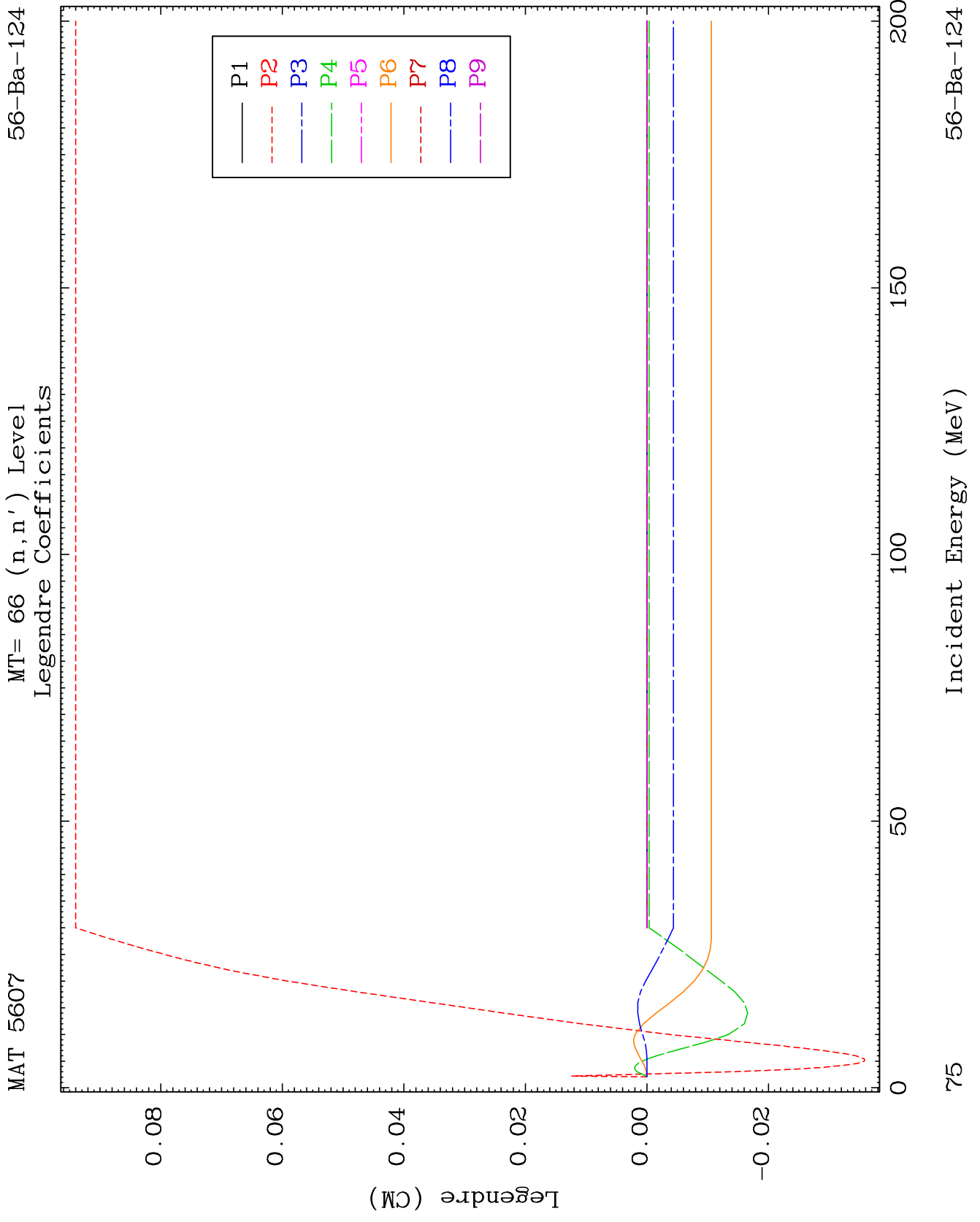
56-Ba-124

MAT 5607

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

56-Ba-124

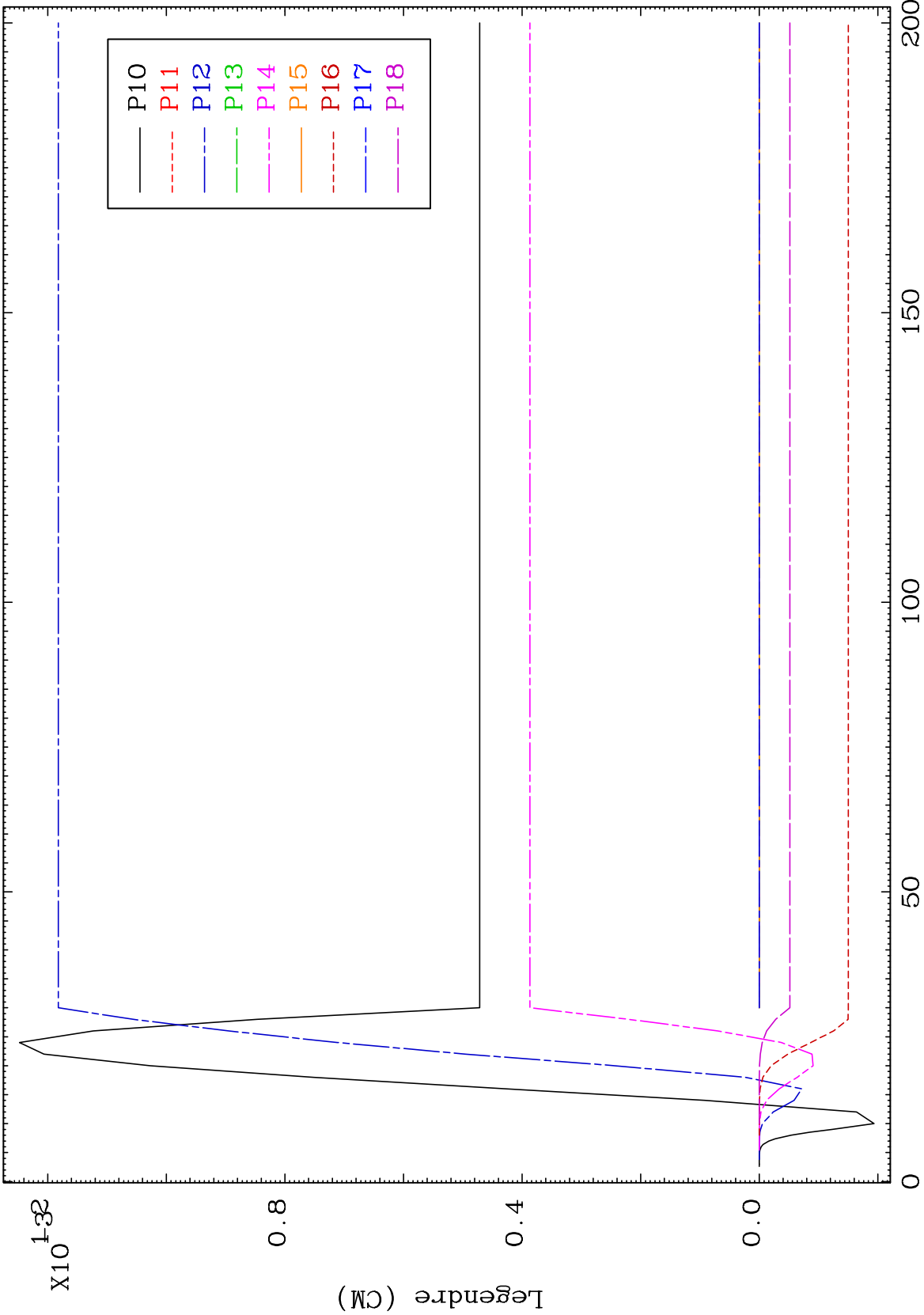




MAT 5607

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

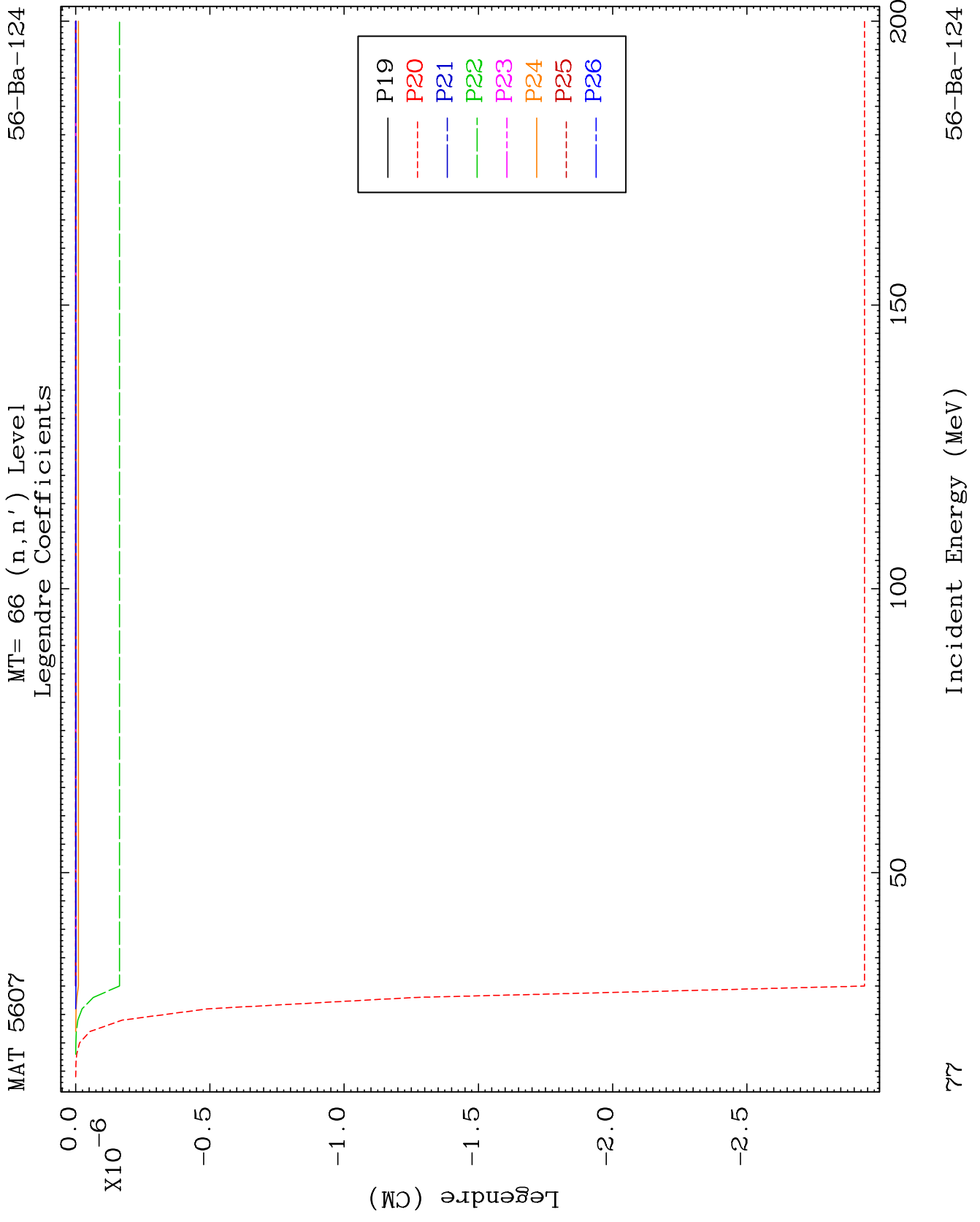
56-Ba-124



76

Incident Energy (MeV)

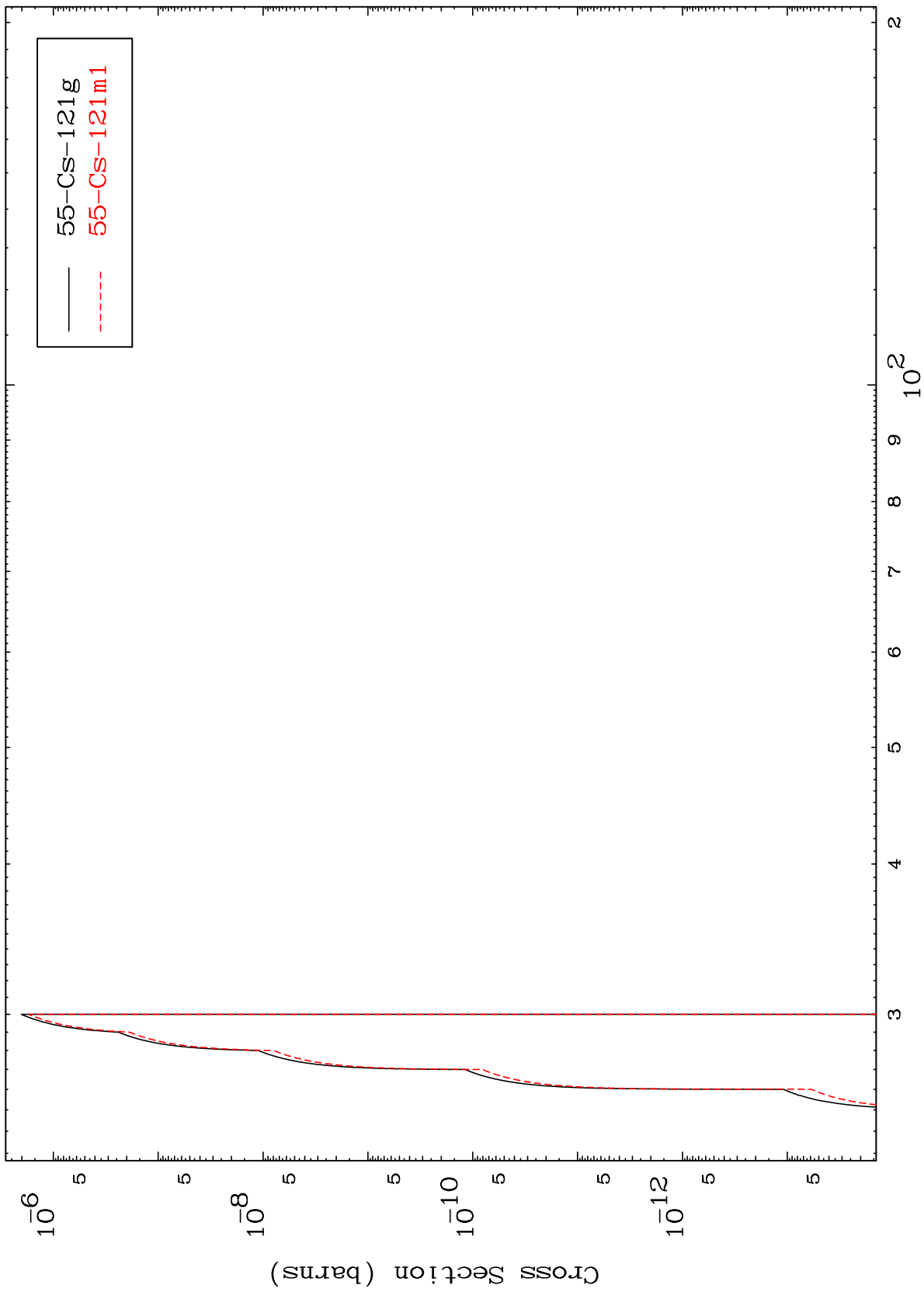
56-Ba-124



MAT 5607

56-Ba-124

(n,2n) d
Radionuclide Production Cross Section



78

56-Ba-124

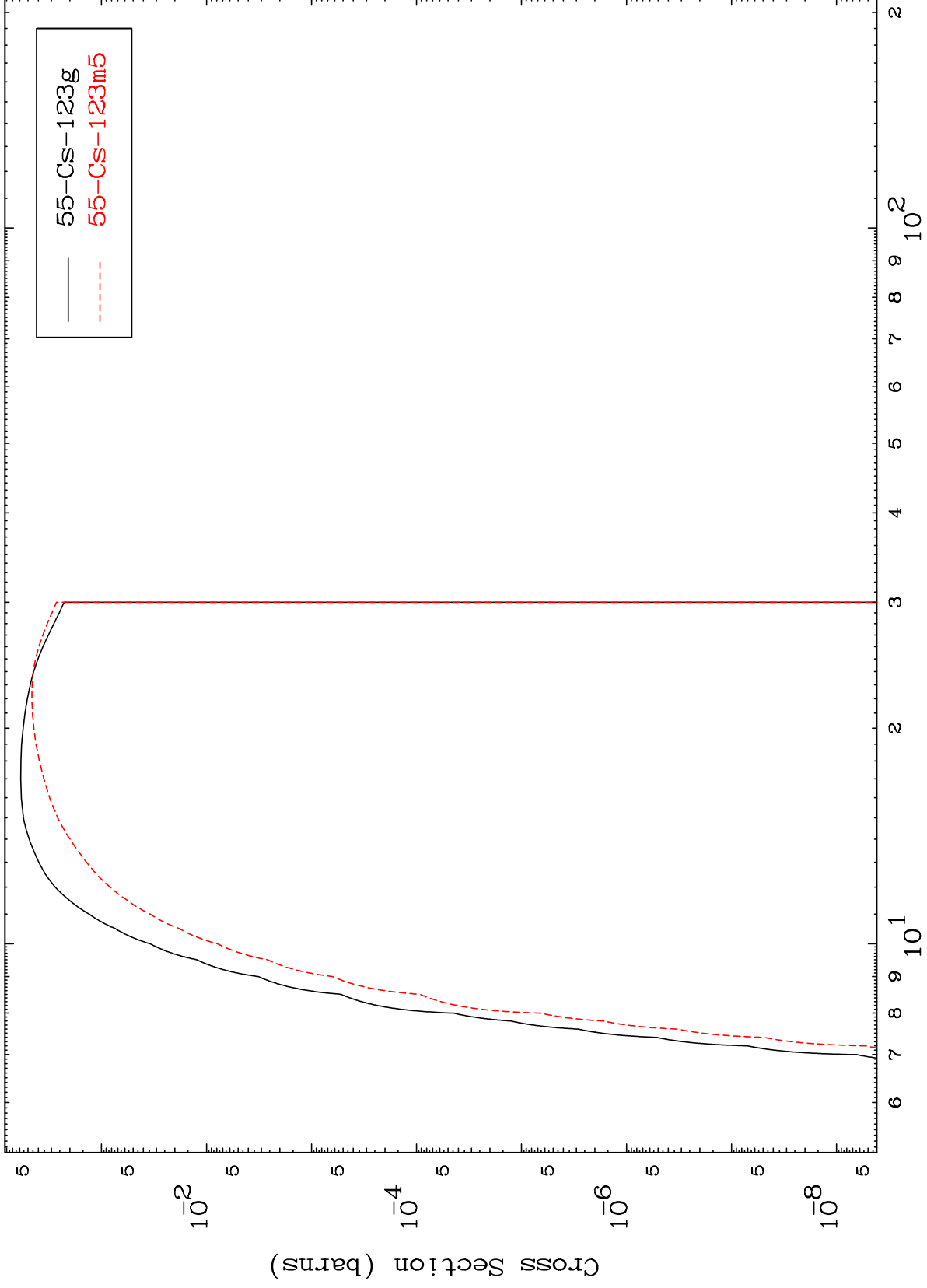
Incident Energy (MeV)

MAT 5607

(n,n') p

56-Ba-124

Radionuclide Production Cross Section



79

Incident Energy (MeV)

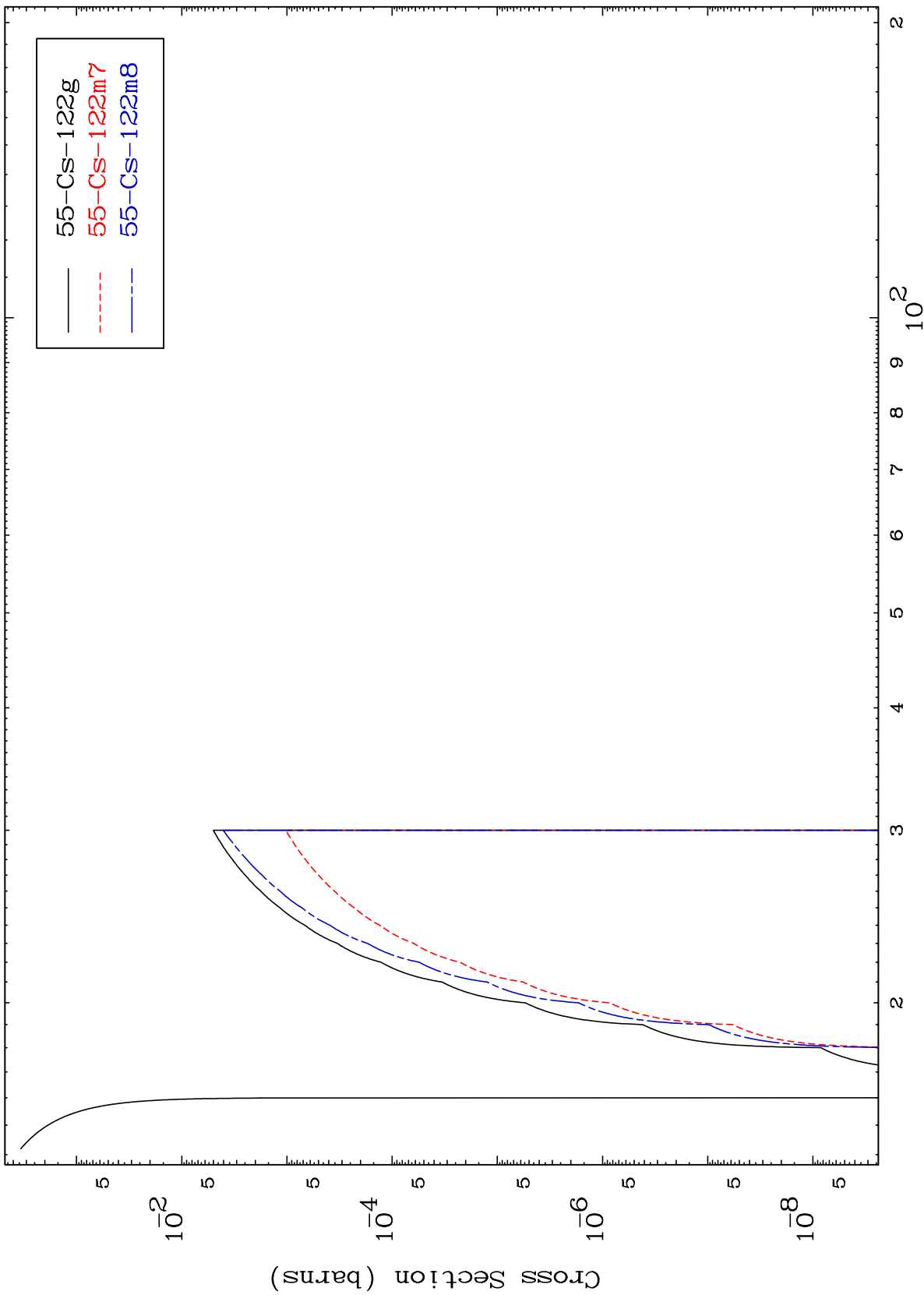
56-Ba-124

MAT 5607

(n,n') d

56-Ba-124

Radionuclide Production Cross Section

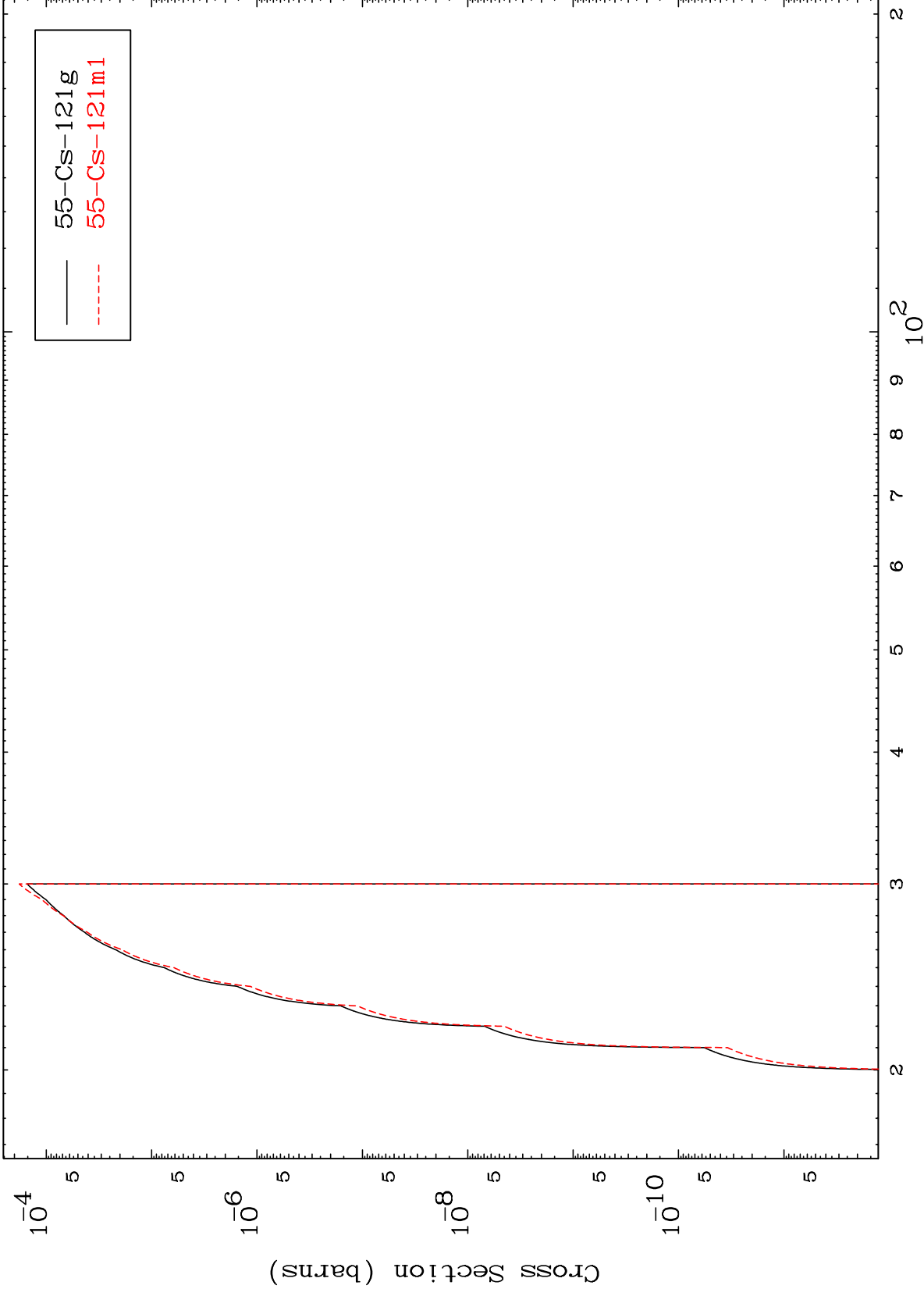


80

Incident Energy (MeV)

56-Ba-124

Radionuclide Production Cross Section



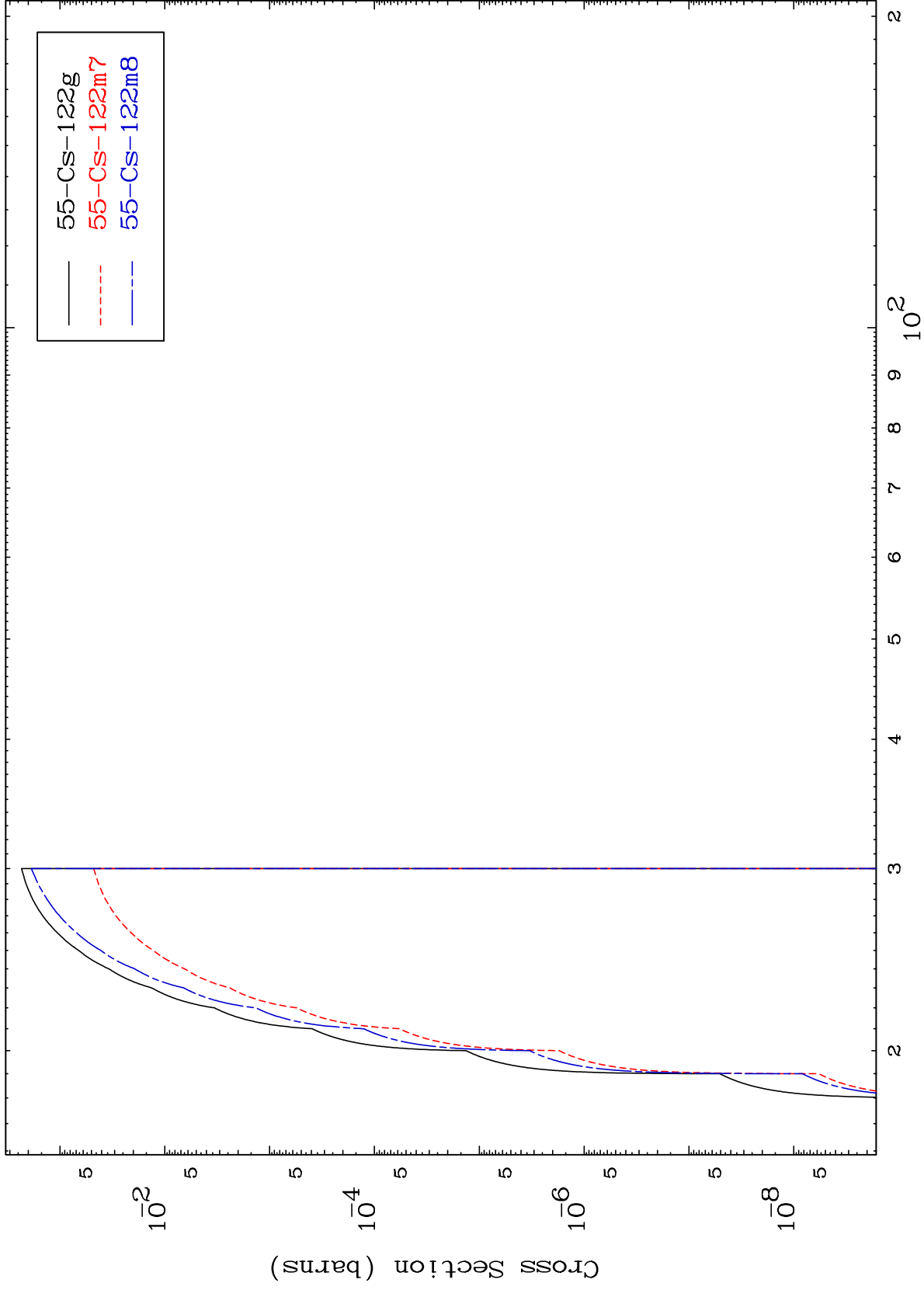
55-Cs-121g
55-Cs-121m1

MAT 5607

(n,2n) p

56-Ba-124

Radionuclide Production Cross Section



82

Incident Energy (MeV)

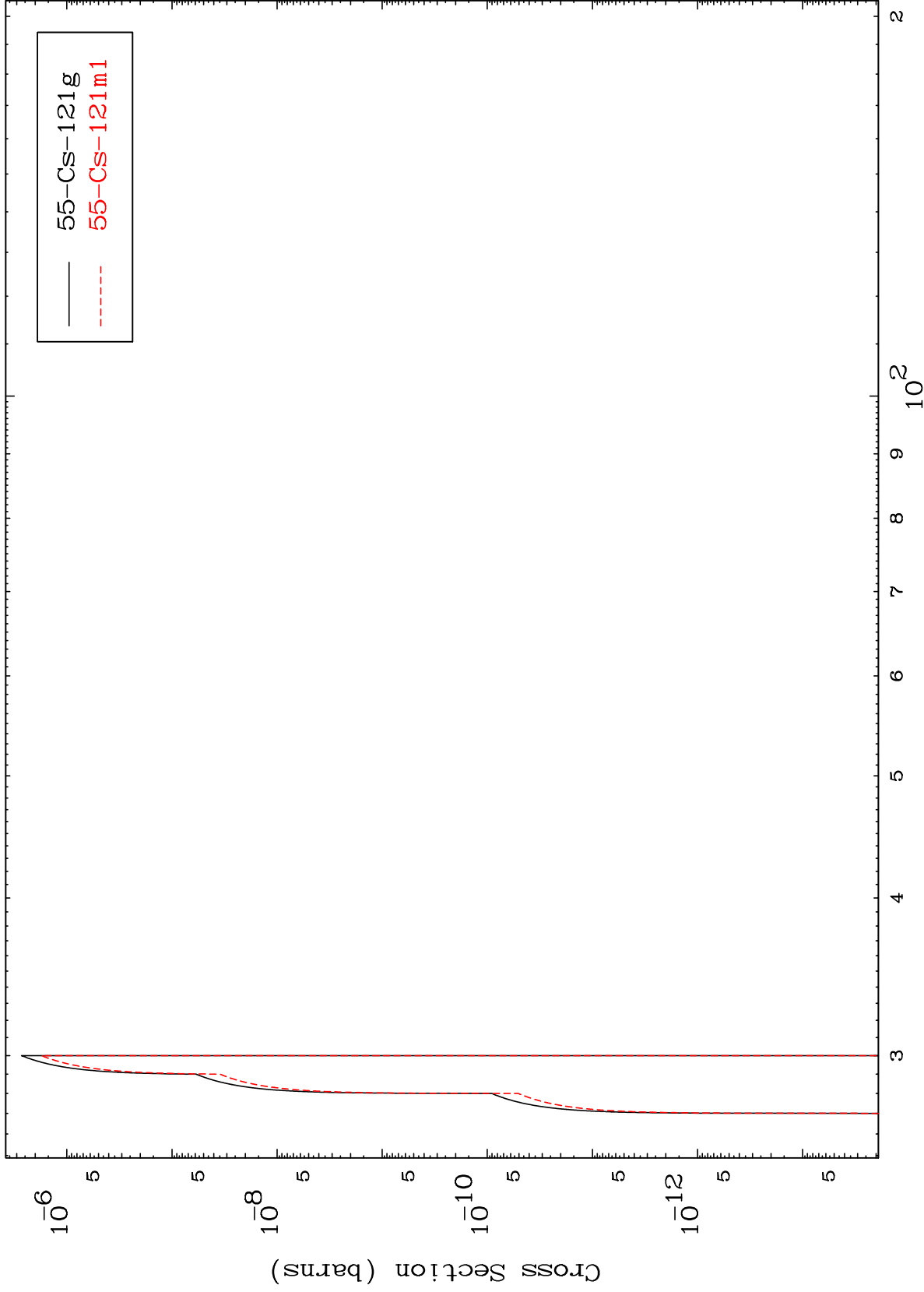
56-Ba-124

MAT 5607

(n,3n) p

56-Ba-124

Radionuclide Production Cross Section



83

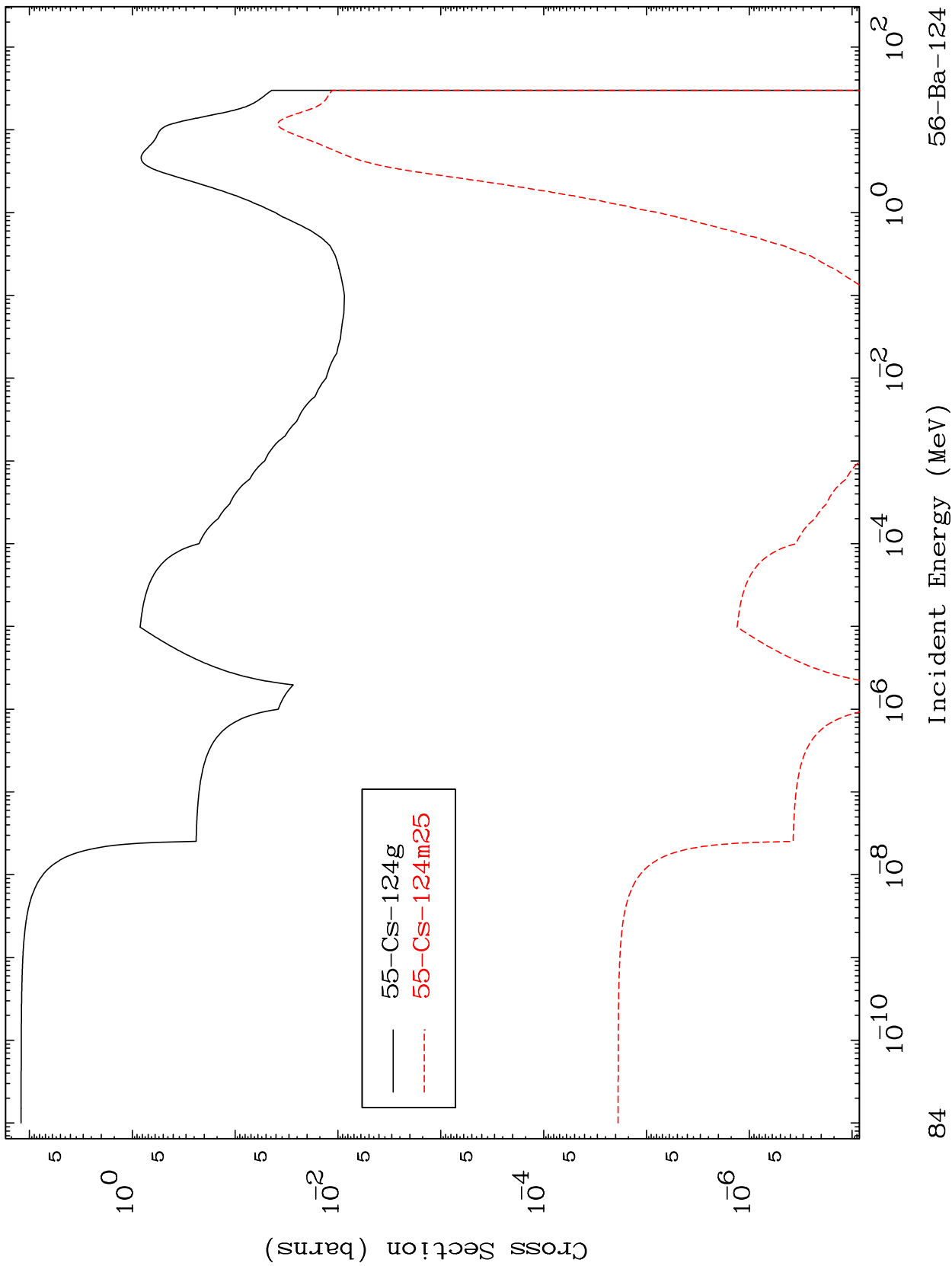
Incident Energy (MeV)

56-Ba-124

MAT 5607

56-Ba-124

(n,p)
Radionuclide Production Cross Section

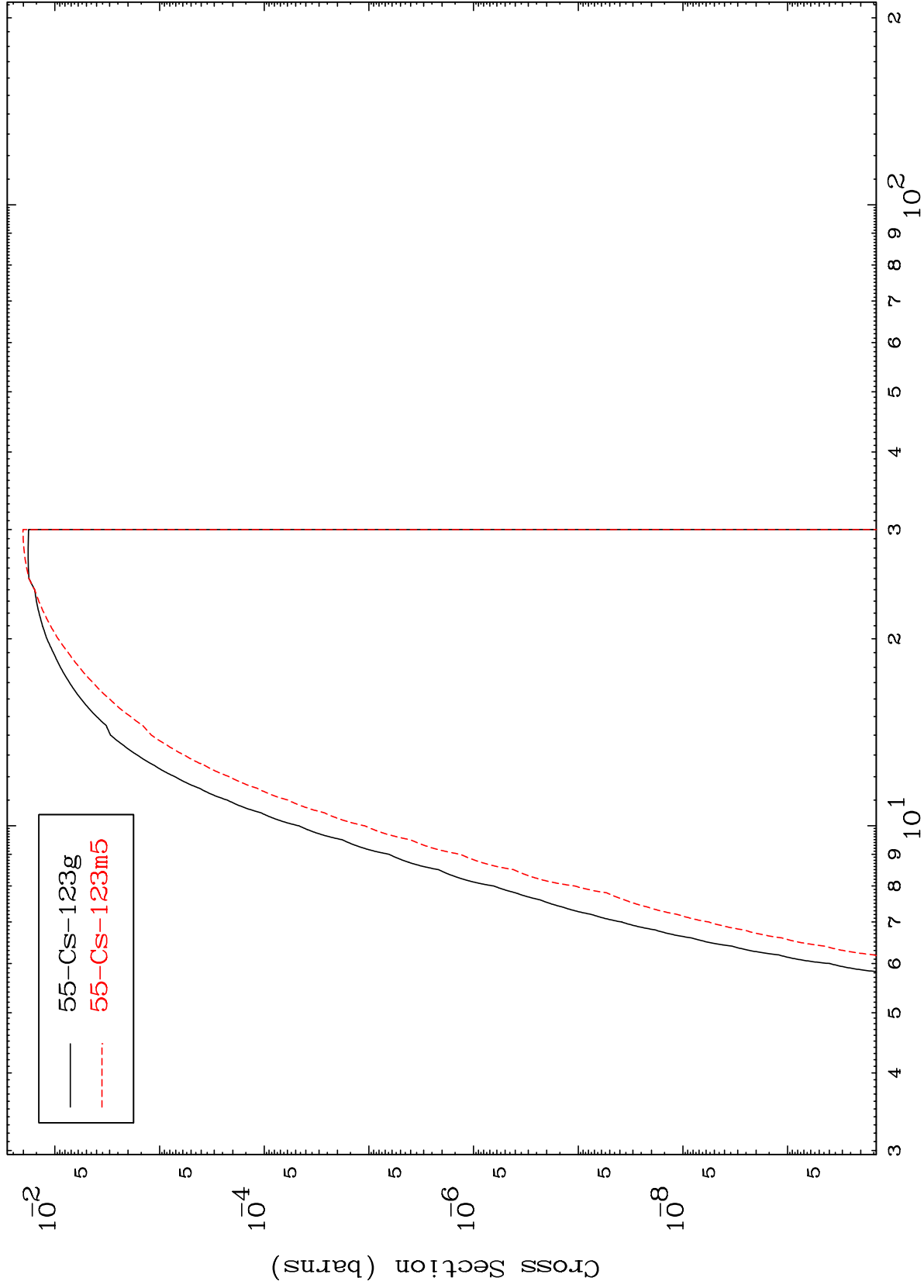


MAT 5607

(n,d)

56-Ba-124

Radionuclide Production Cross Section



85

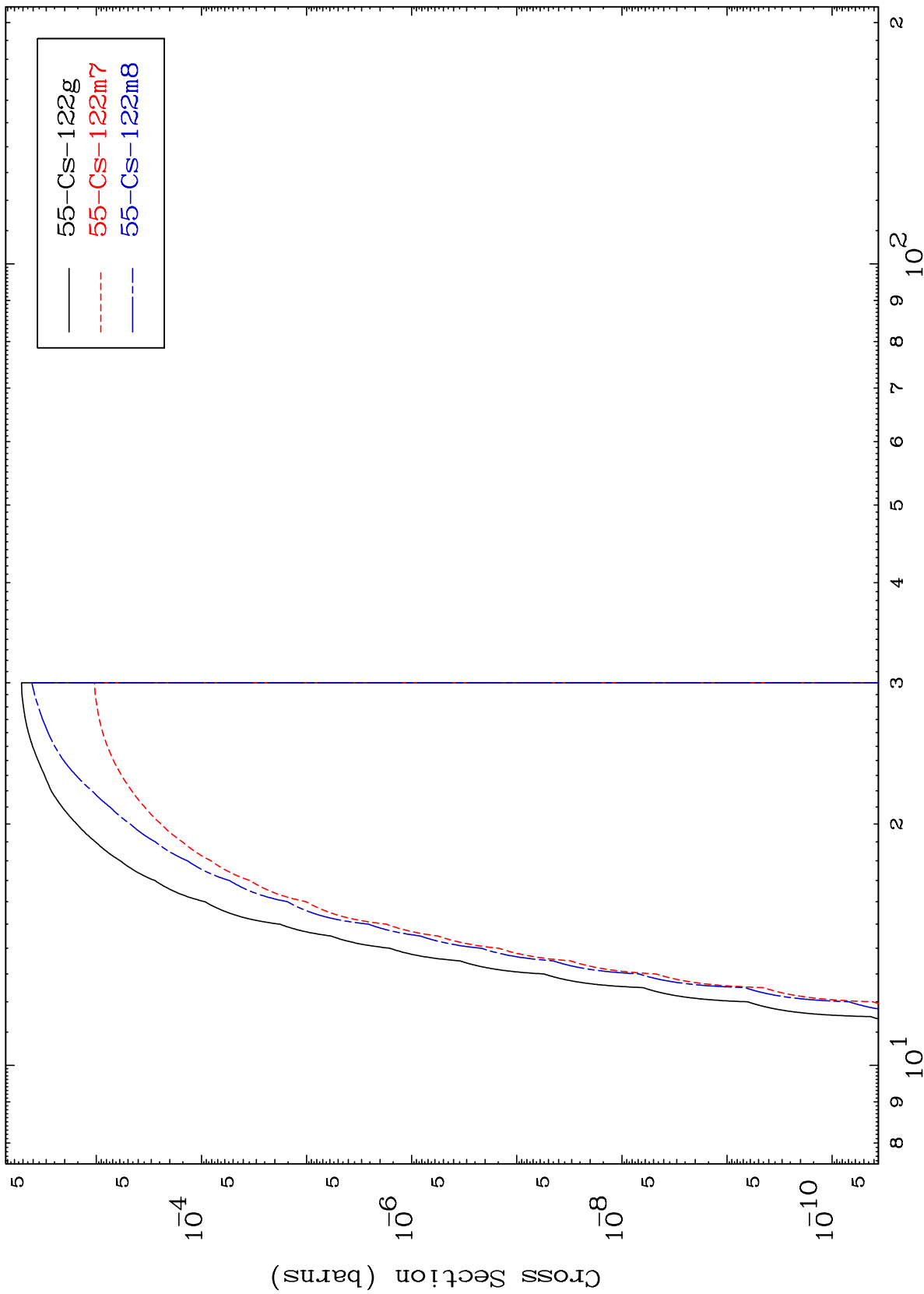
Incident Energy (MeV)

56-Ba-124

MAT 5607

56-Ba-124

(n,t)
Radionuclide Production Cross Section



86

Incident Energy (MeV)

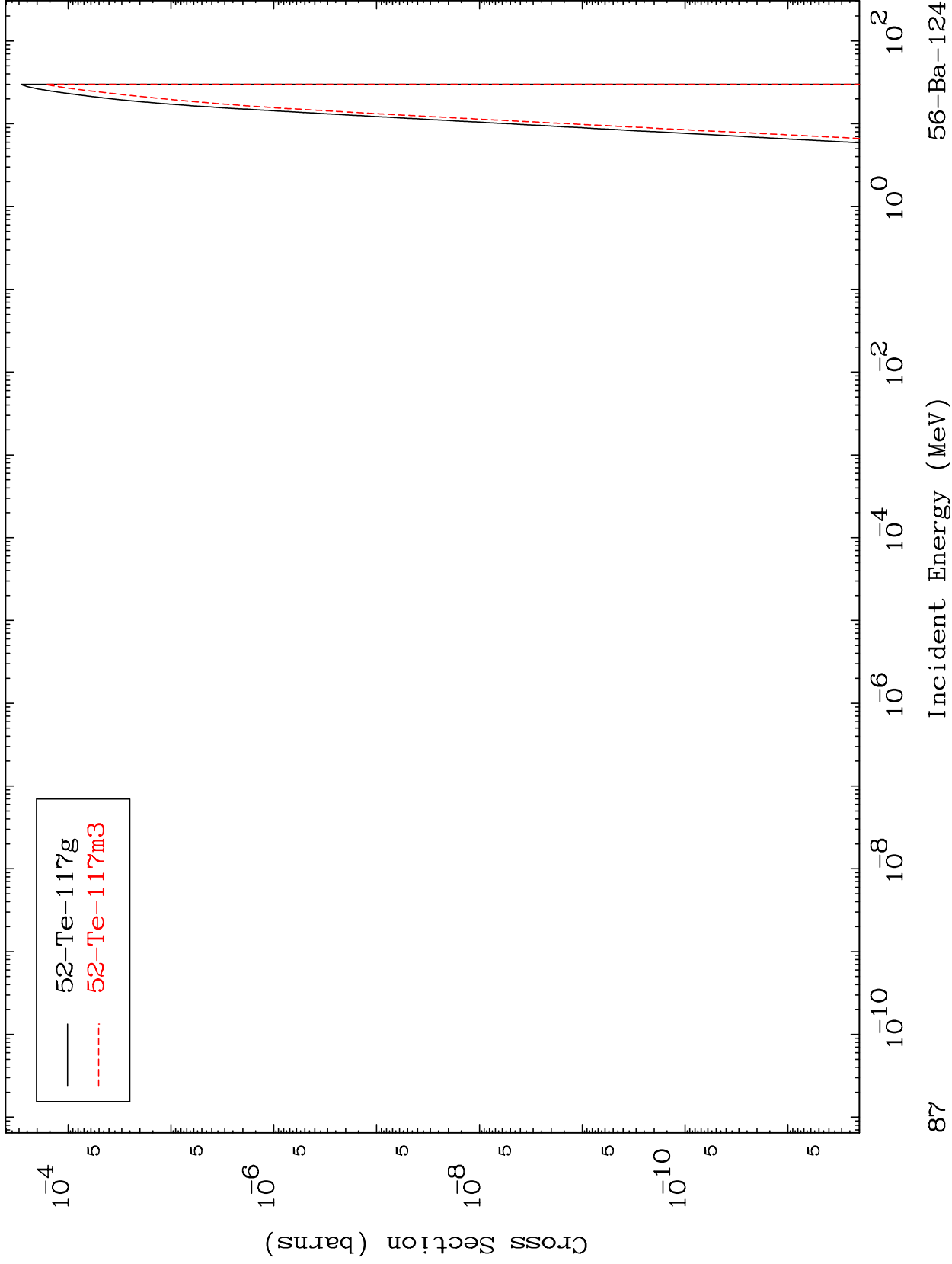
56-Ba-124

MAT 5607

(n,2α)

56-Ba-124

Radionuclide Production Cross Section

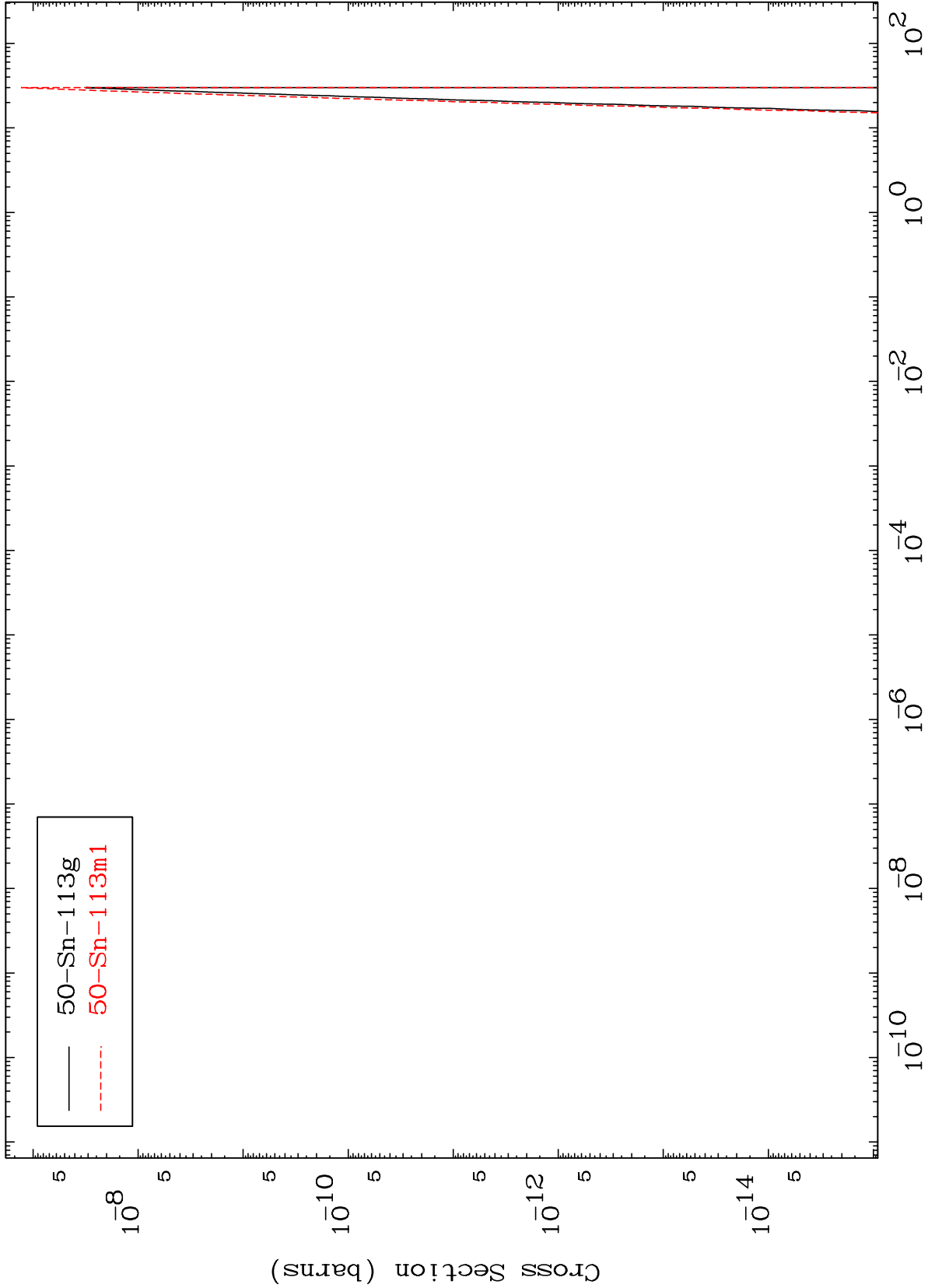


MAT 5607

(n, 3α)

56-Ba-124

Radionuclide Production Cross Section



MAT 5607

(n,p) α

56-Ba-124

Radionuclide Production Cross Section

