

Program EVALPLOT  
(Version 2018-1)

by

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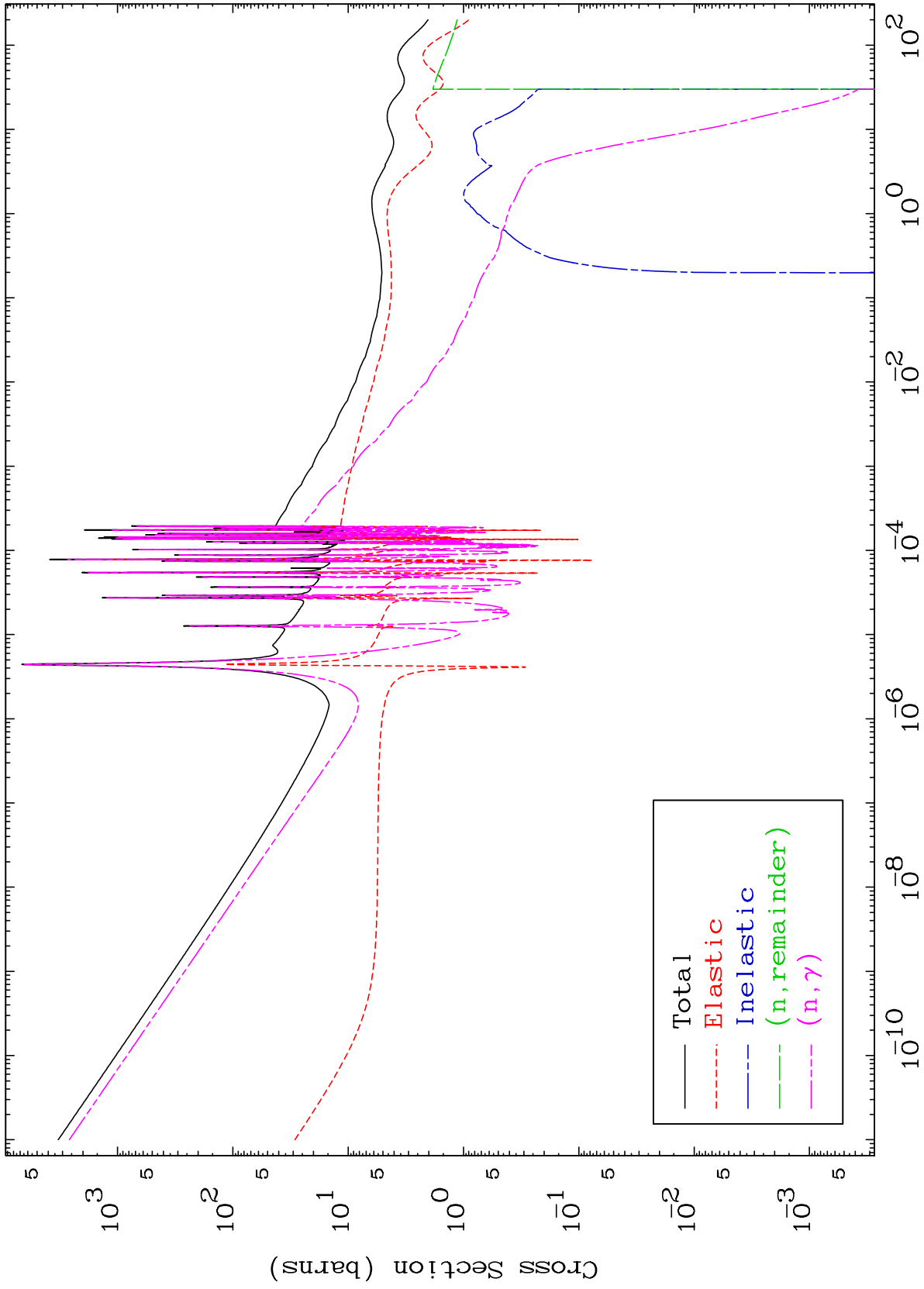
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5601

Major  
293 Kelvin Cross Sections

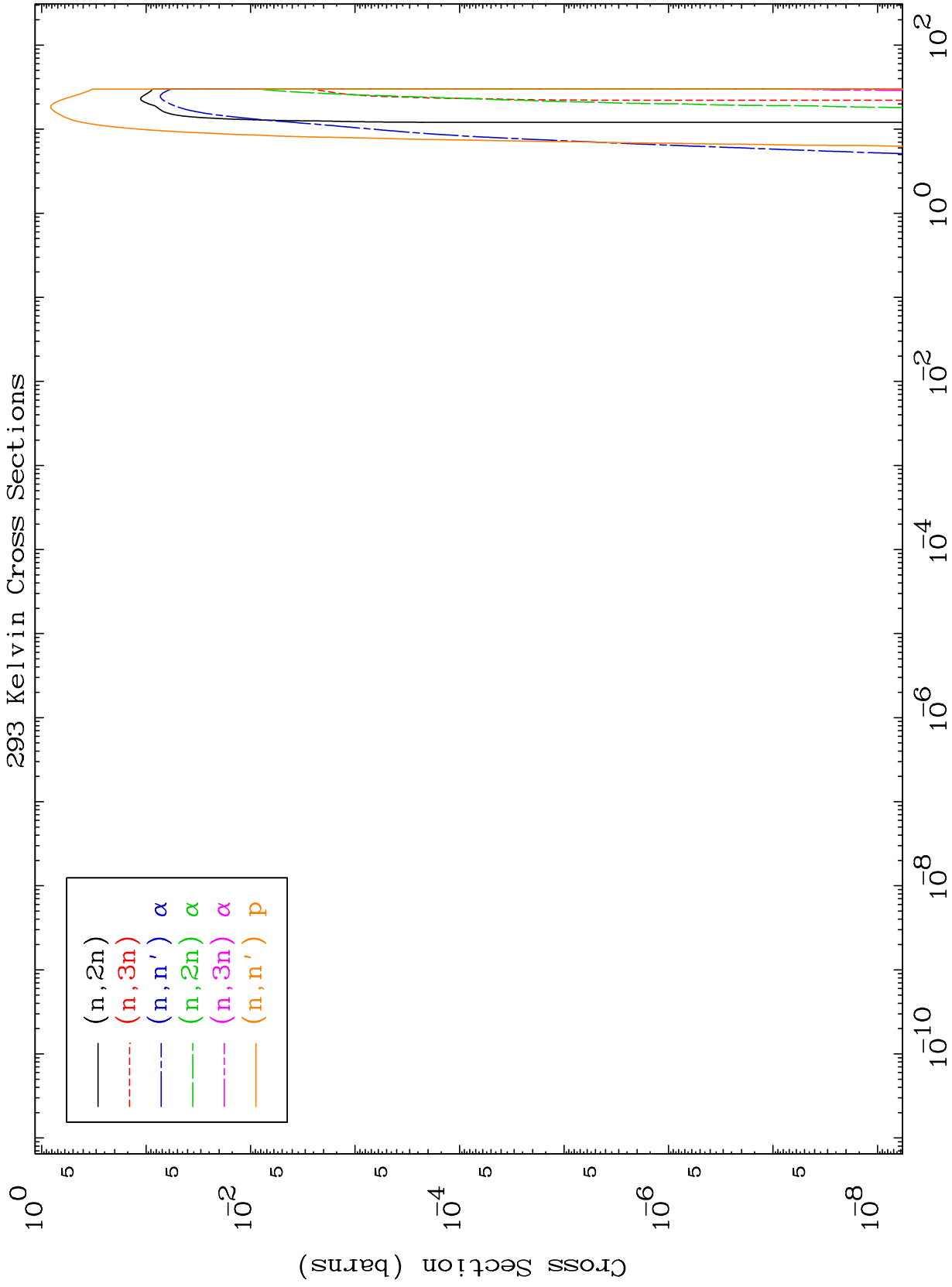
56-Ba-122



MAT 5601

Neutron Production  
293 Kelvin Cross Sections

56-Ba-122



2

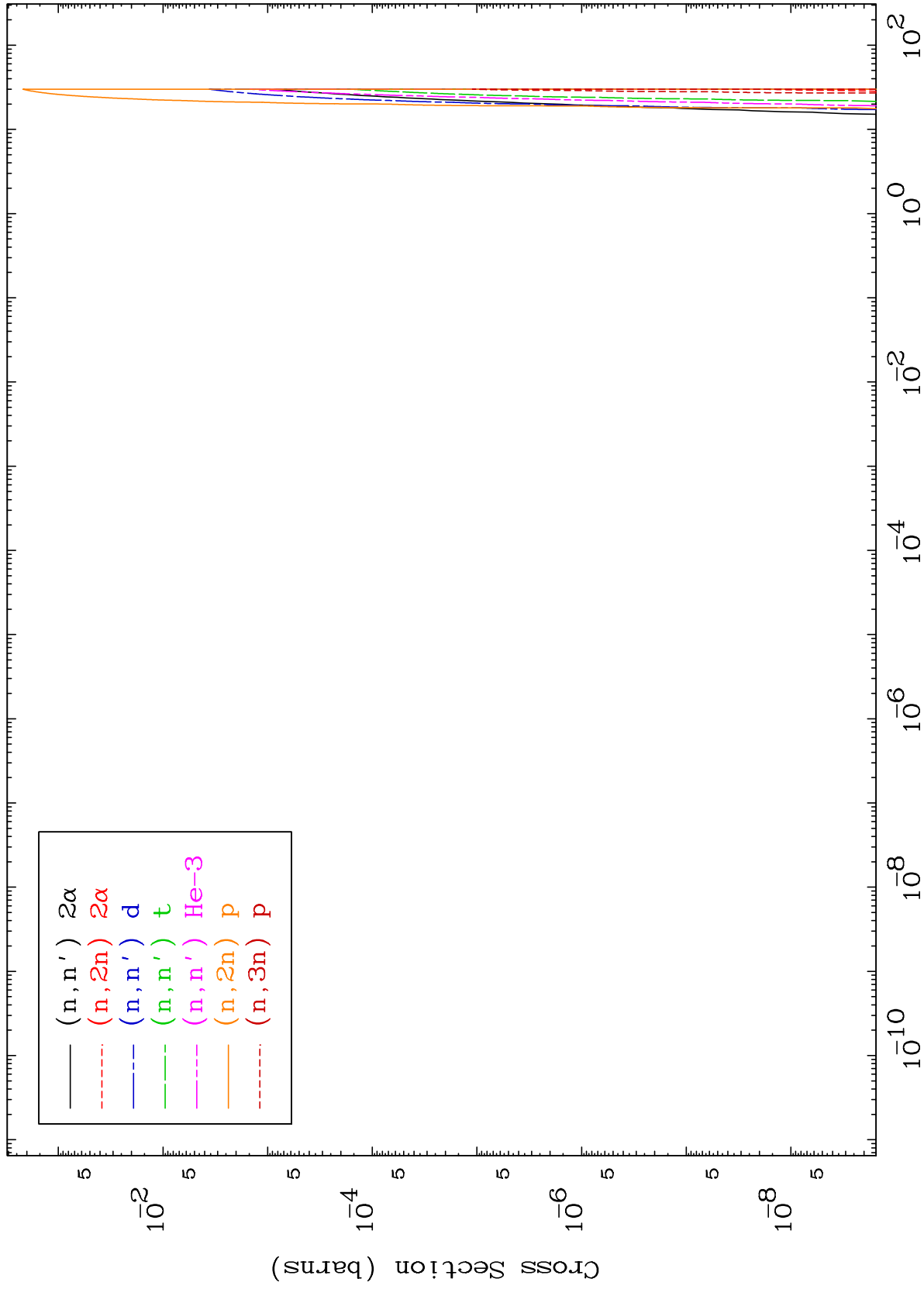
Incident Energy (MeV)

56-Ba-122

MAT 5601

Neutron Production  
293 Kelvin Cross Sections

56-Ba-122



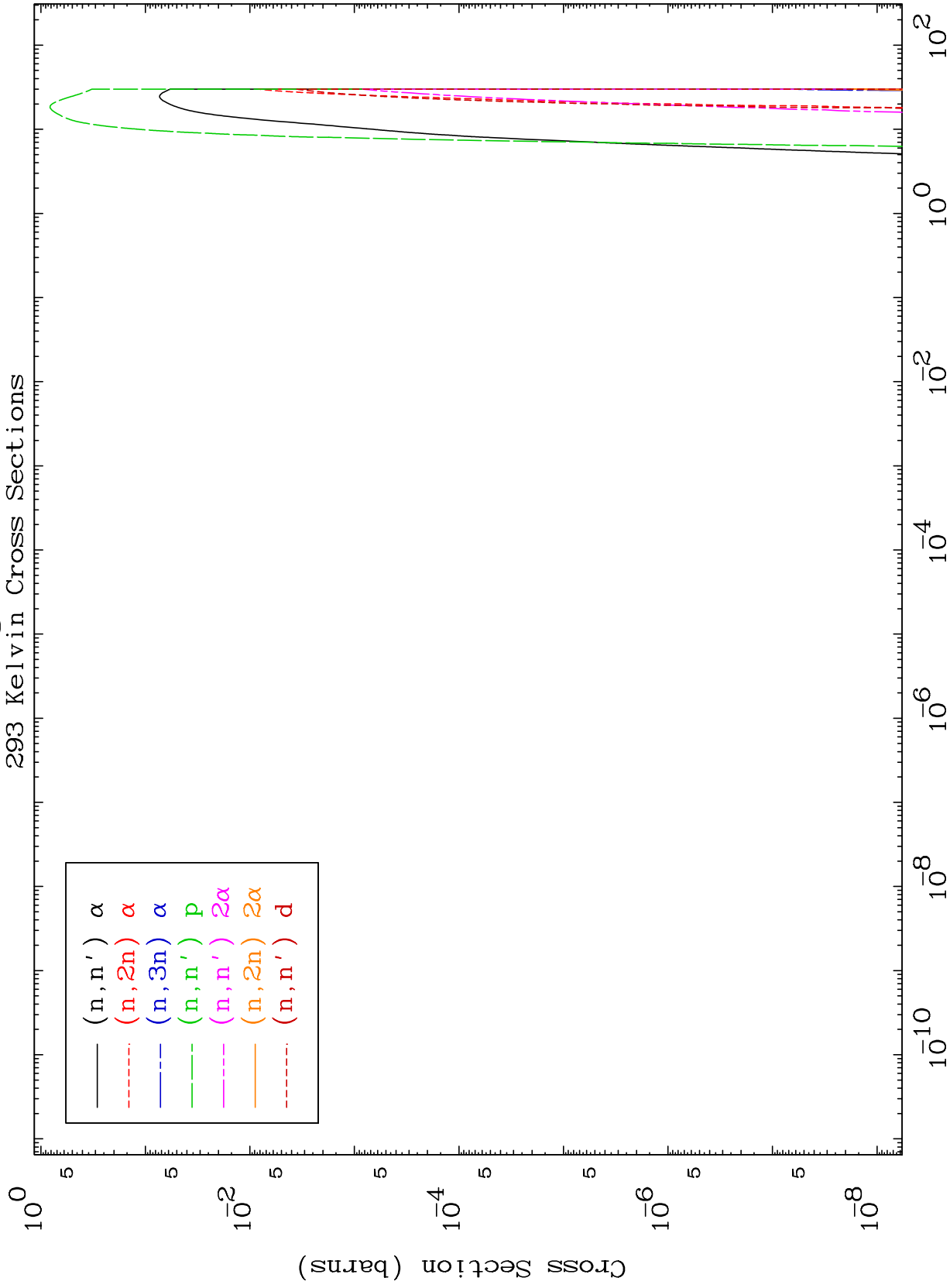
3

56-Ba-122

MAT 5601

293 Charged Particle  
Kelvin Cross Sections

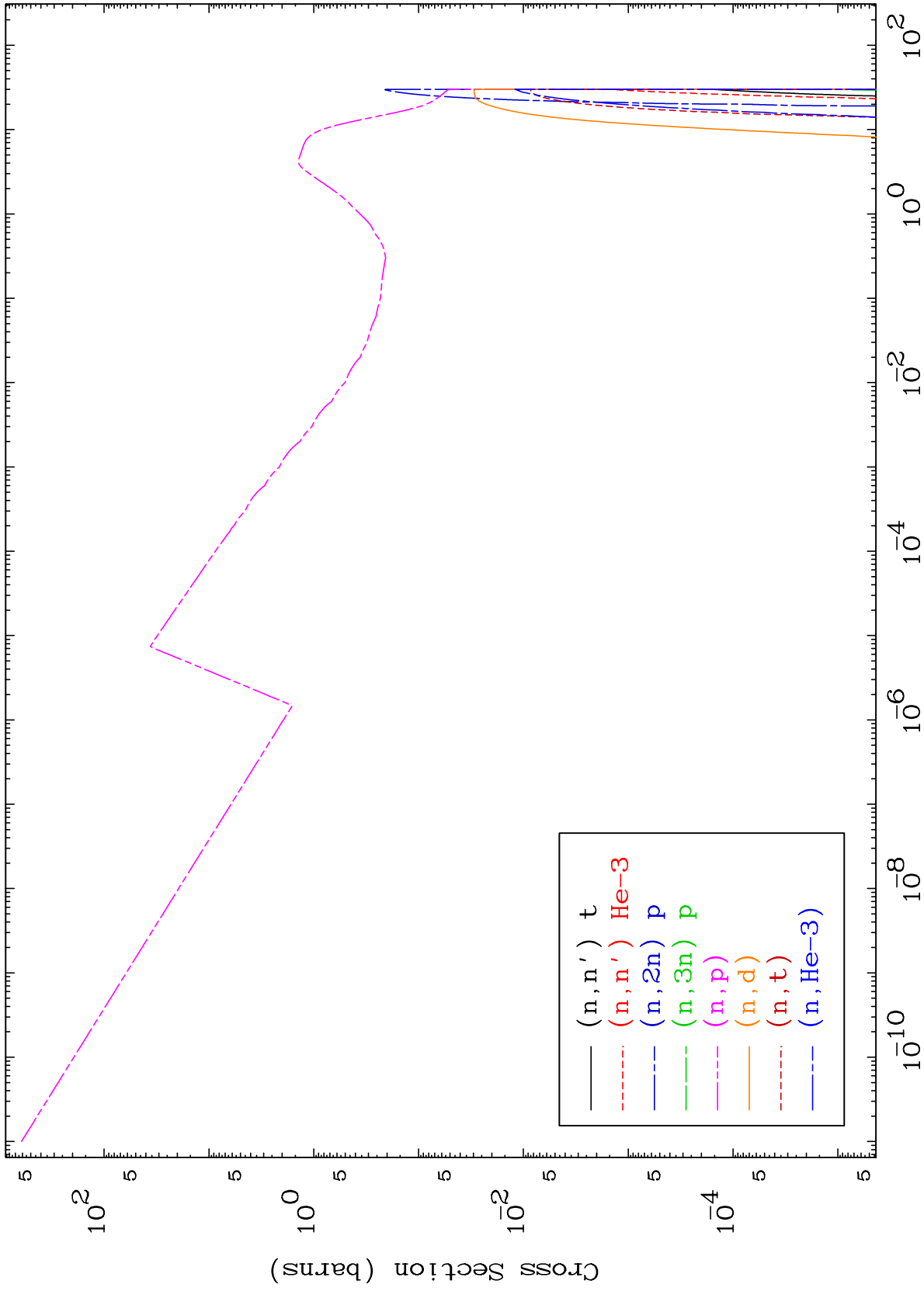
56-Ba-122



MAT 5601

Charged Particle  
293 Kelvin Cross Sections

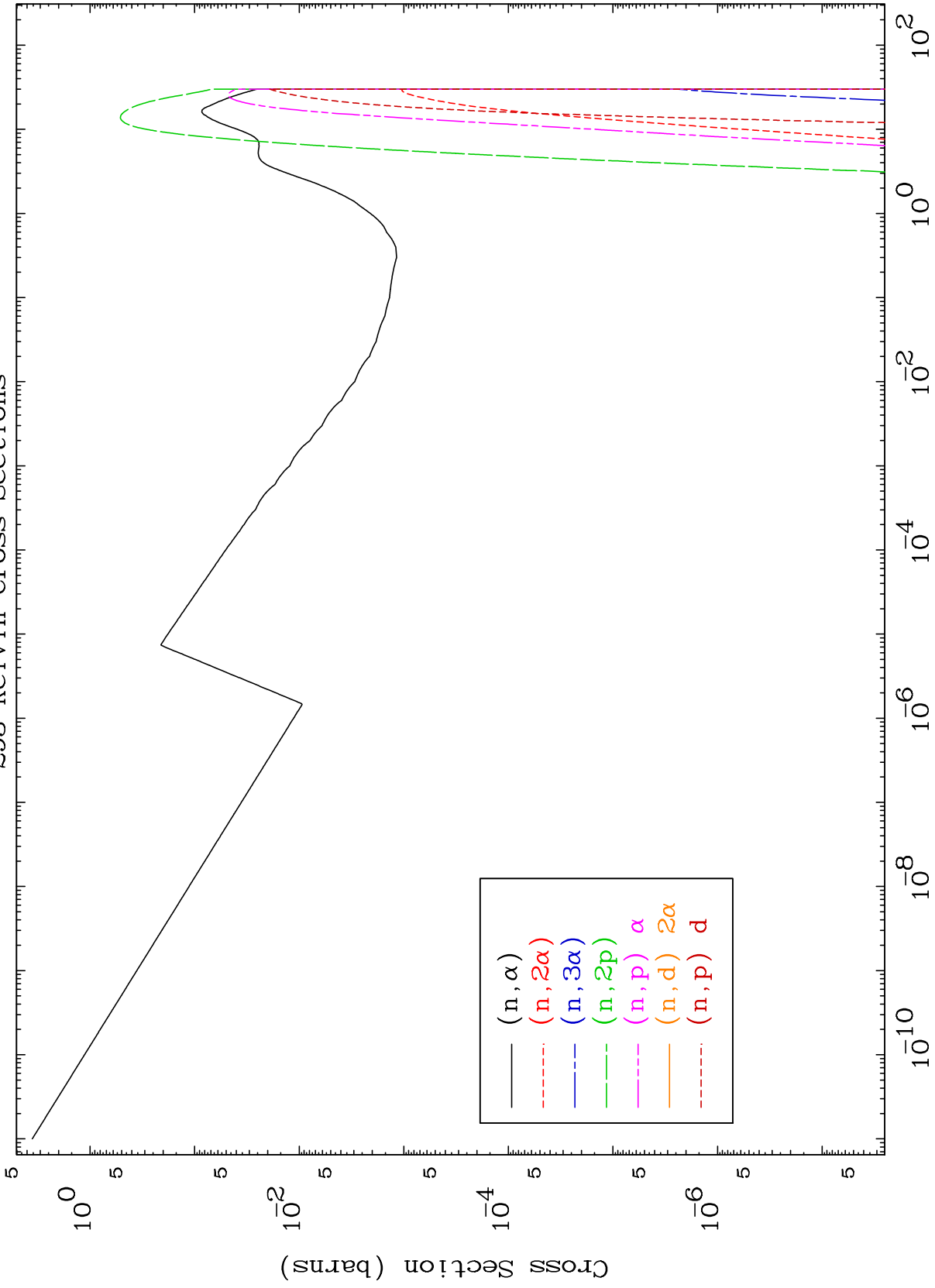
56-Ba-122



MAT 5601

Charged Particle  
293 Kelvin Cross Sections

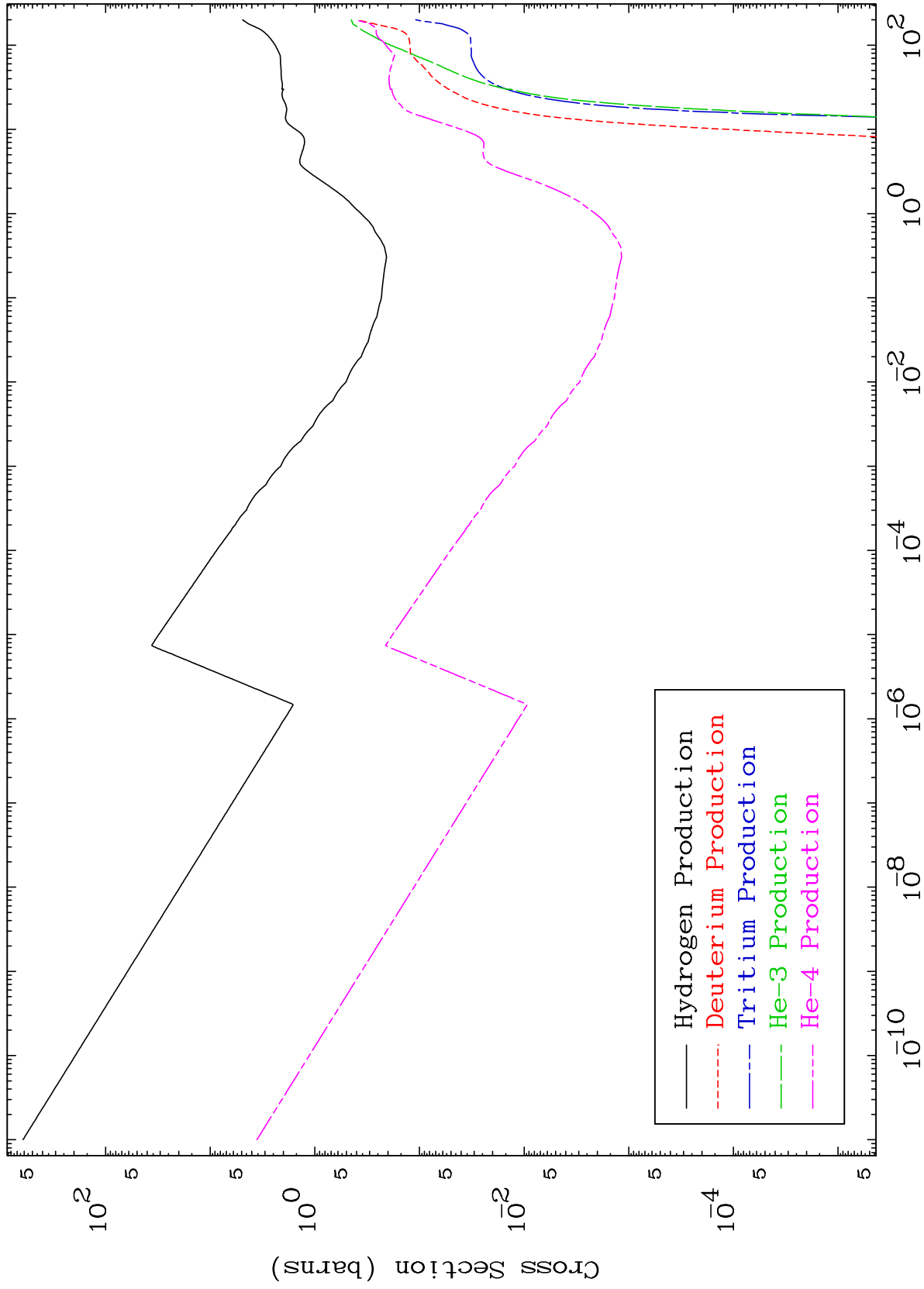
56-Ba-122



MAT 5601

Particle Production  
293 Kelvin Cross Sections

56-Ba-122

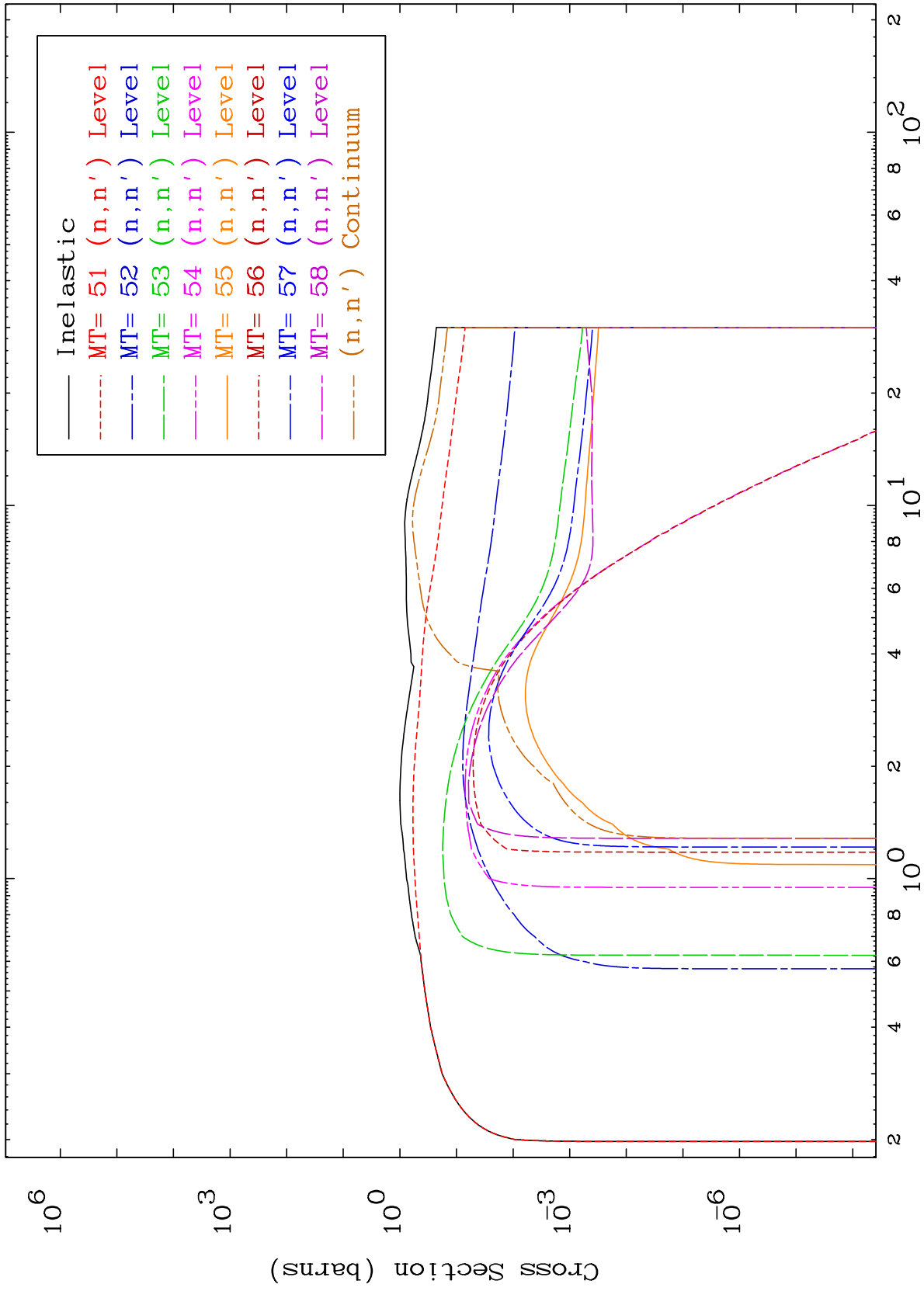




MAT 5601

(n,n') Level  
293 Kelvin Cross Sections

56-Ba-122



8

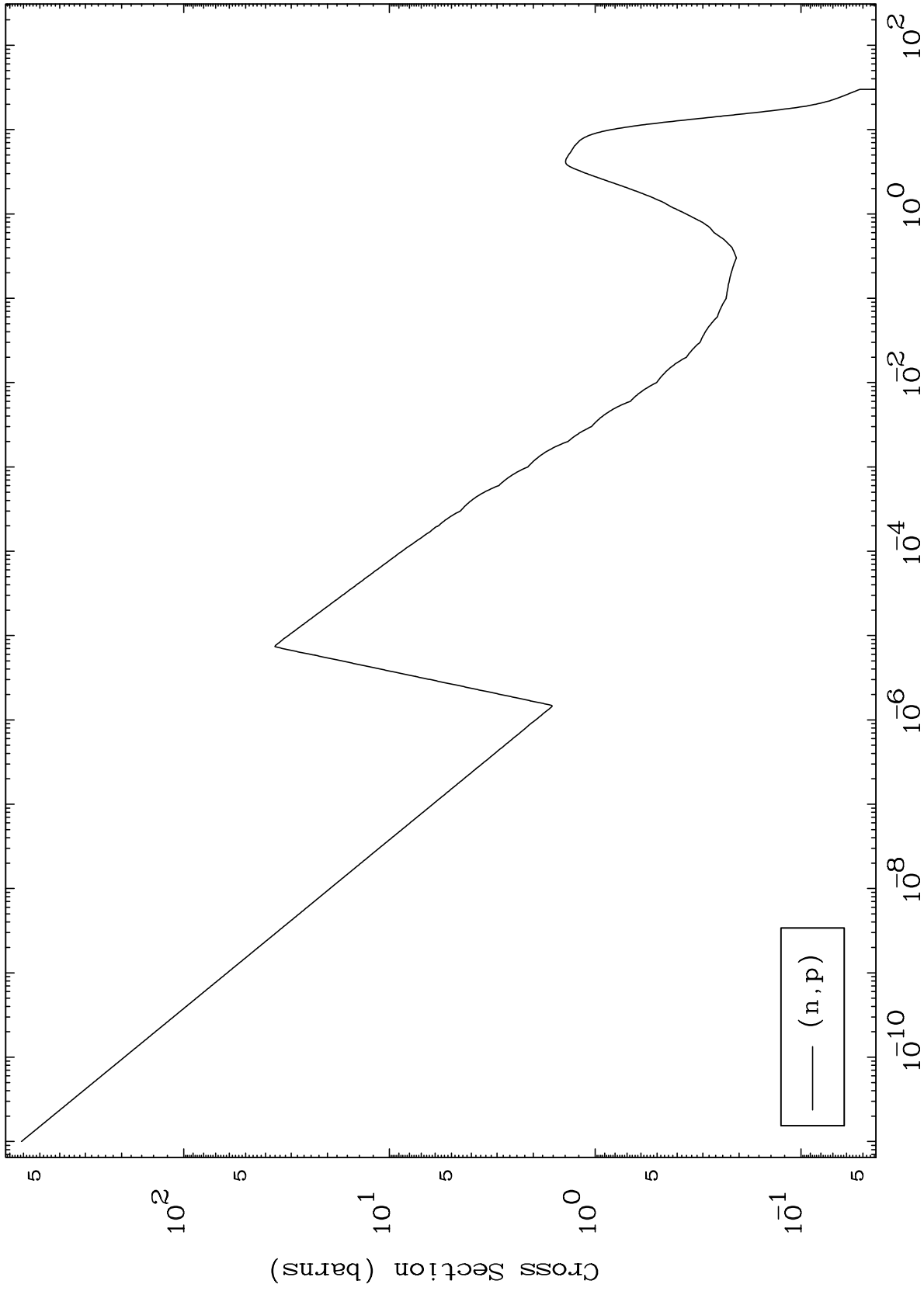
Incident Energy (MeV)

56-Ba-122

MAT 5601

(n,p) Levels  
293 Kelvin Cross Sections

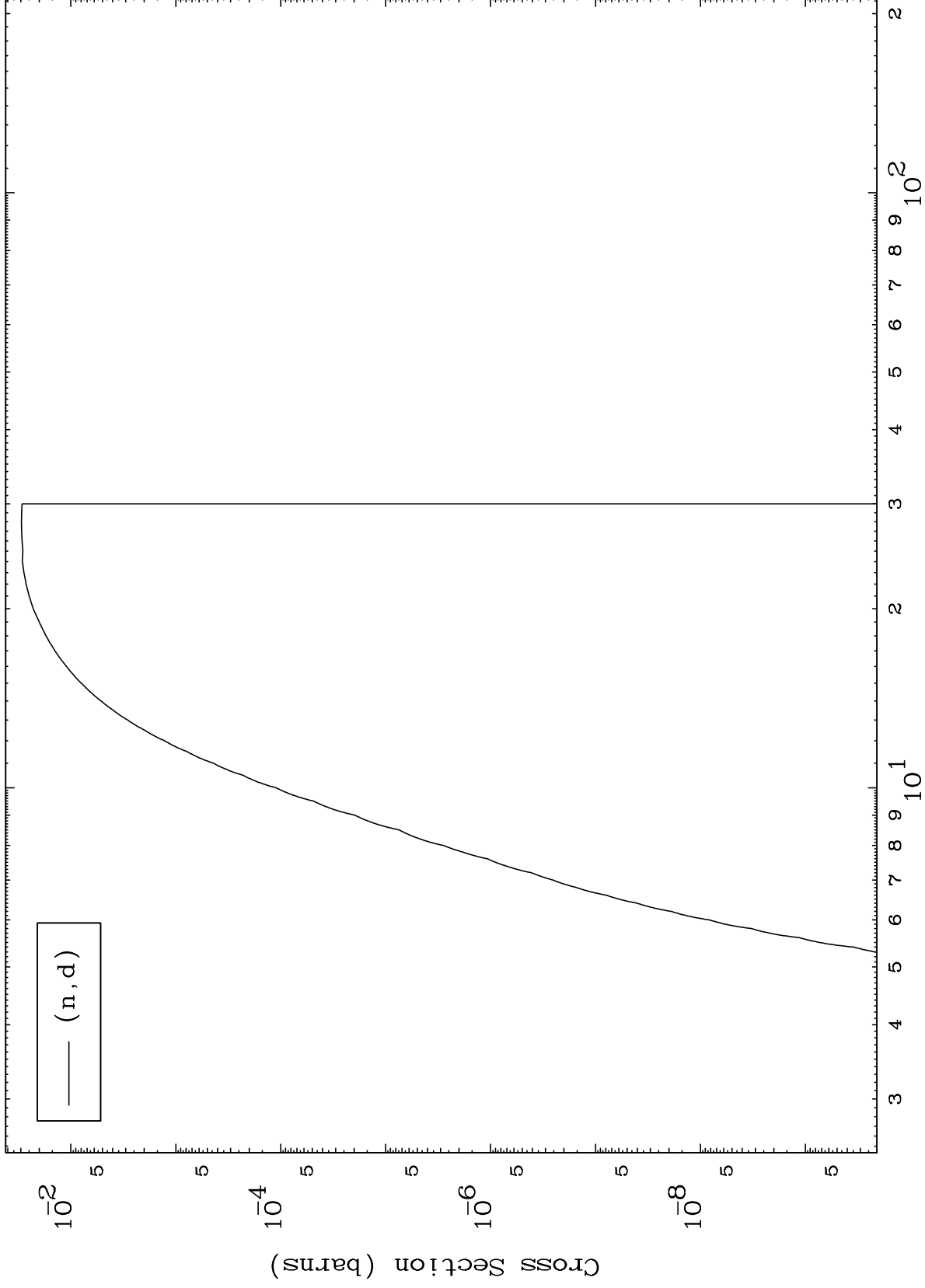
56-Ba-122



MAT 5601

(n,d) Levels  
293 Kelvin Cross Sections

56-Ba-122



10

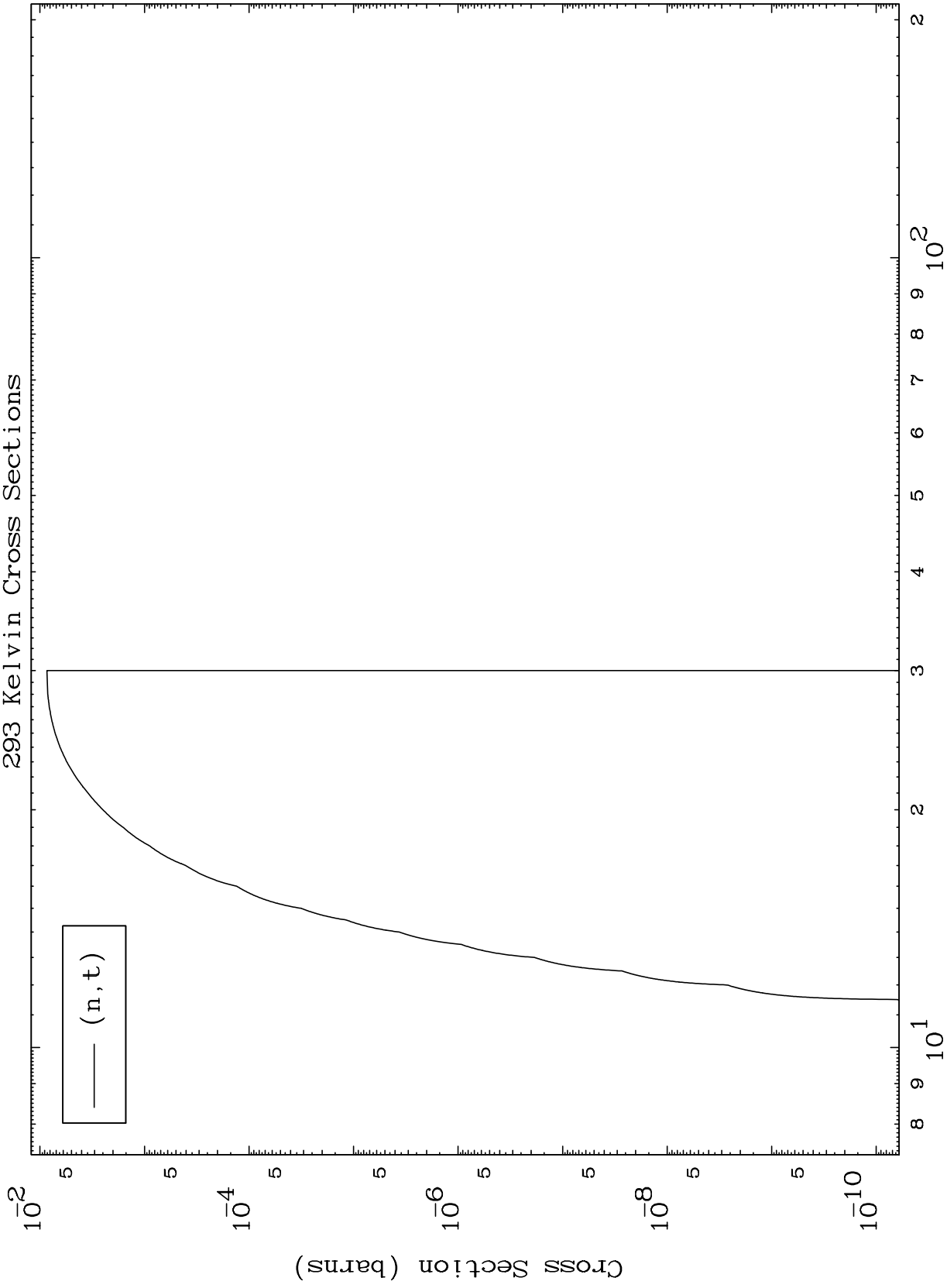
Incident Energy (MeV)

56-Ba-122

MAT 5601

(n,t) Levels  
293 Kelvin Cross Sections

56-Ba-122



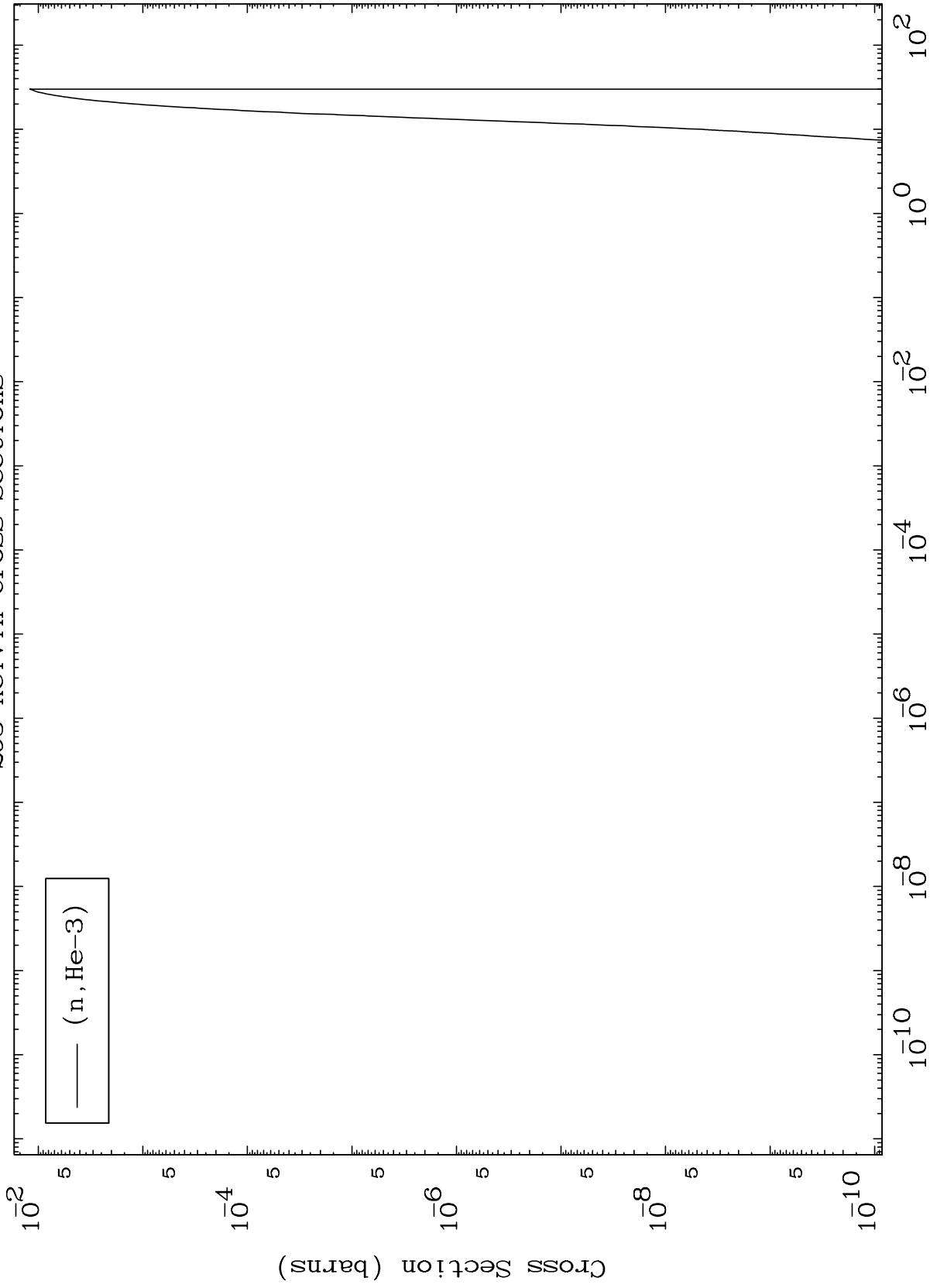
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56-Ba-122

MAT 5601

(n,He3) Levels  
293 Kelvin Cross Sections

56-Ba-122



12

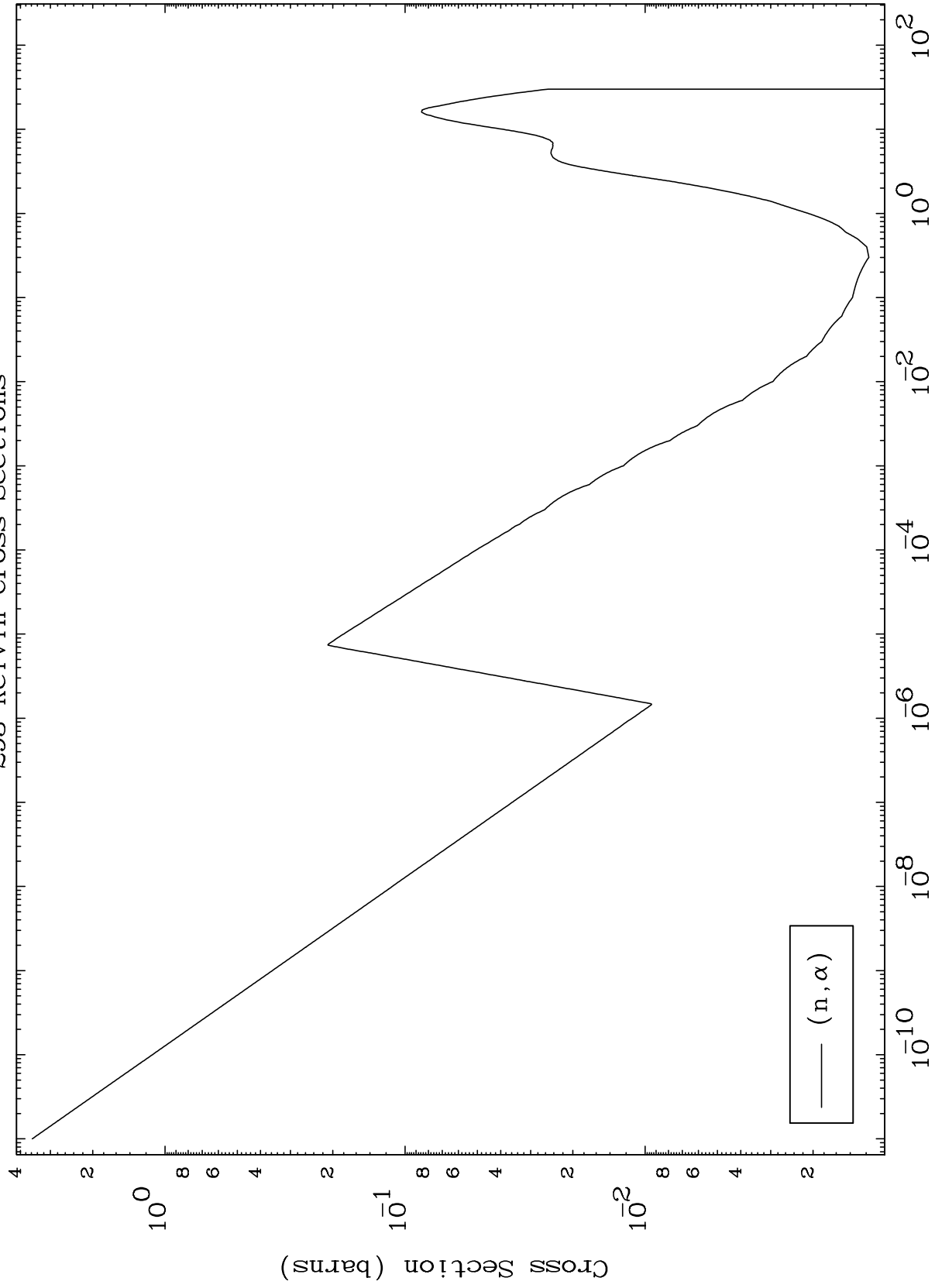
Incident Energy (MeV)

56-Ba-122

MAT 5601

(n,α) Levels  
293 Kelvin Cross Sections

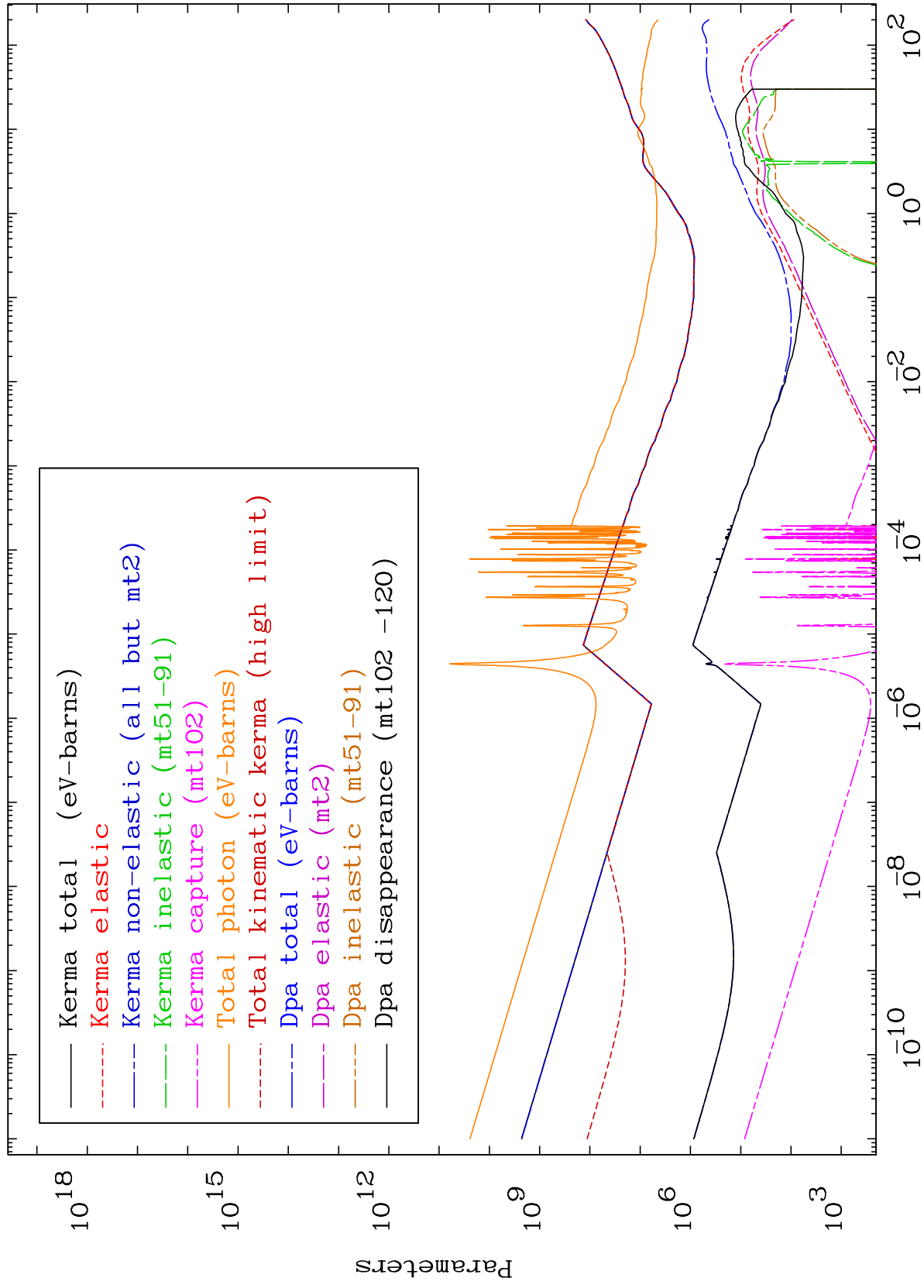
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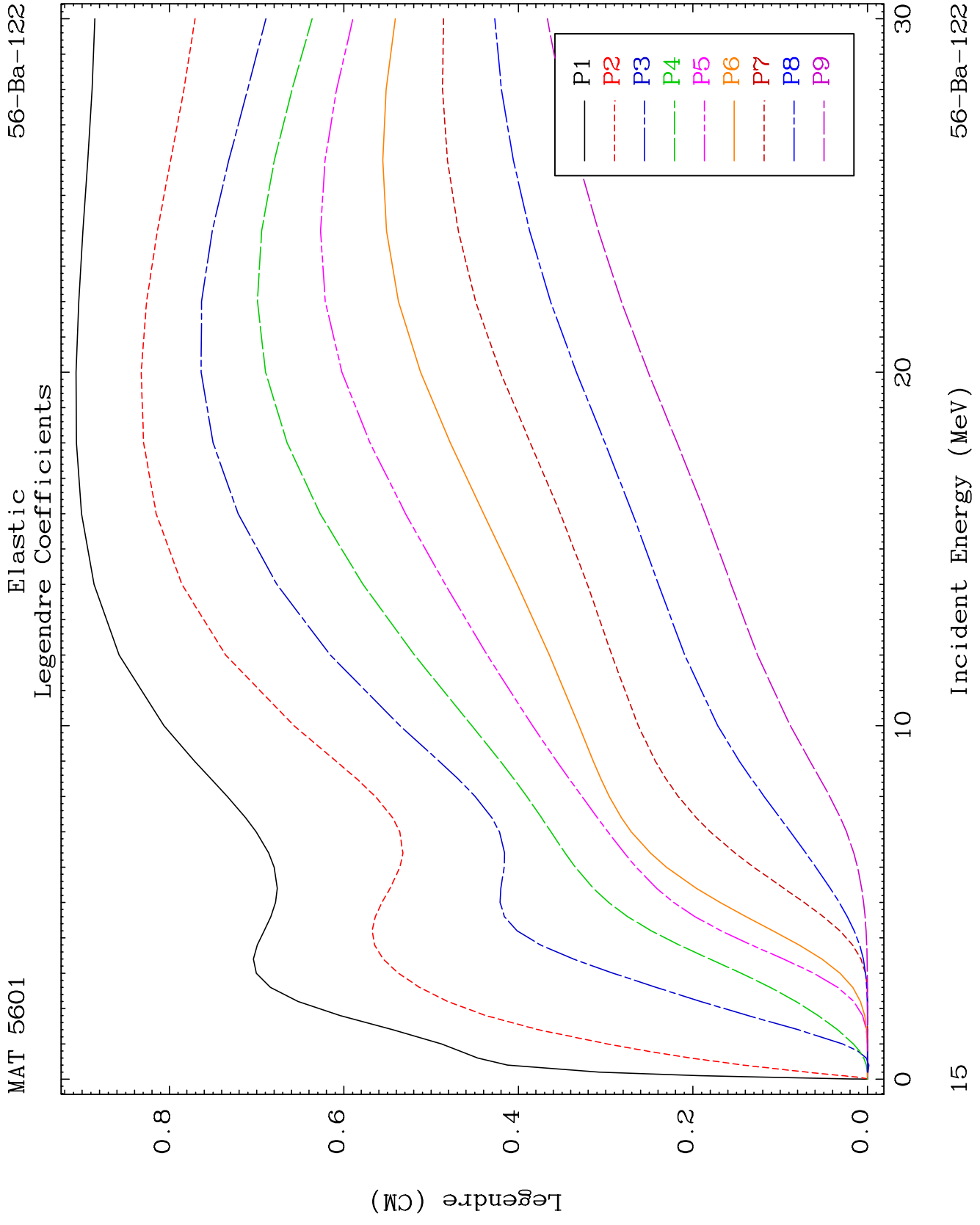


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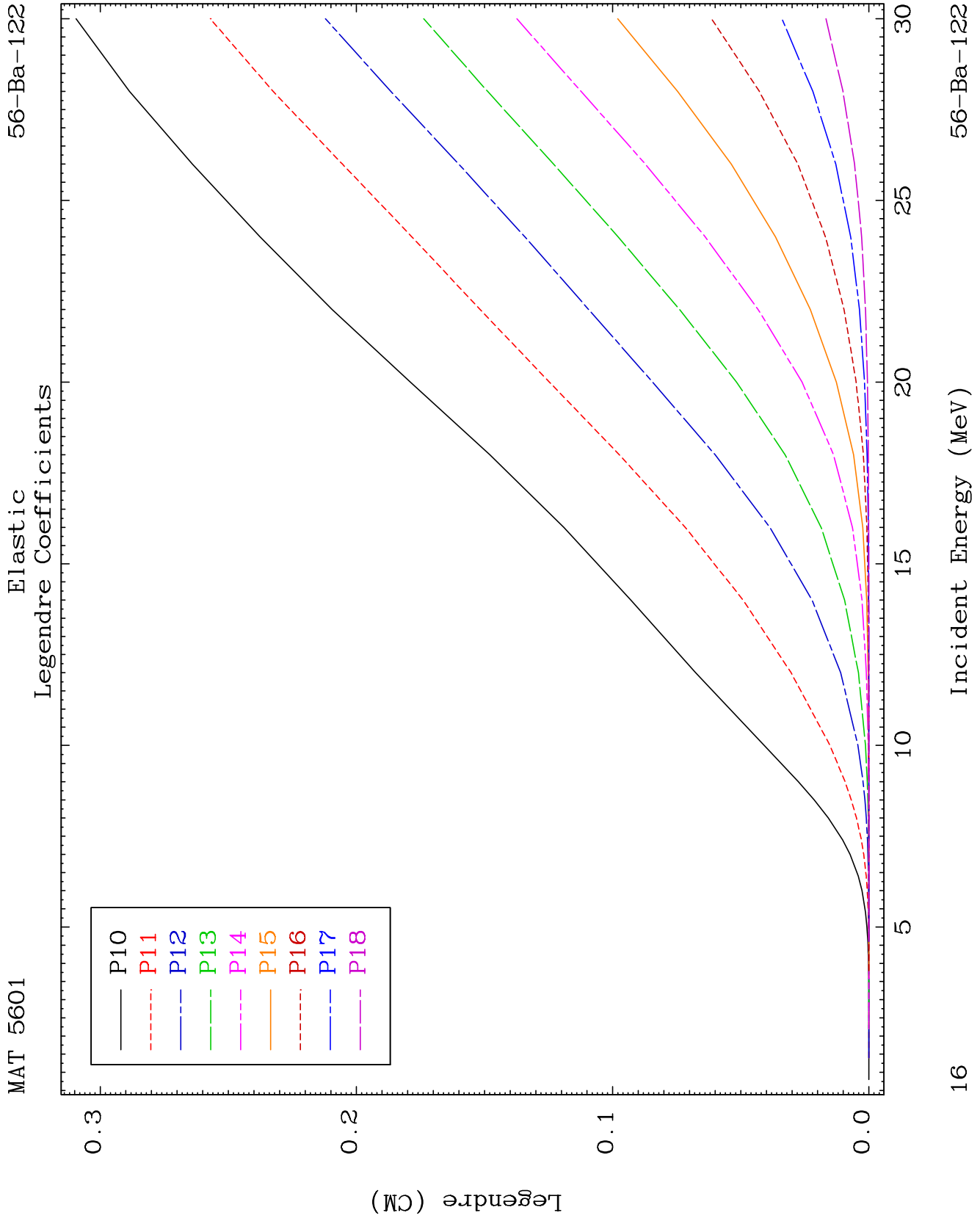
Incident Energy (MeV)

56-Ba-122





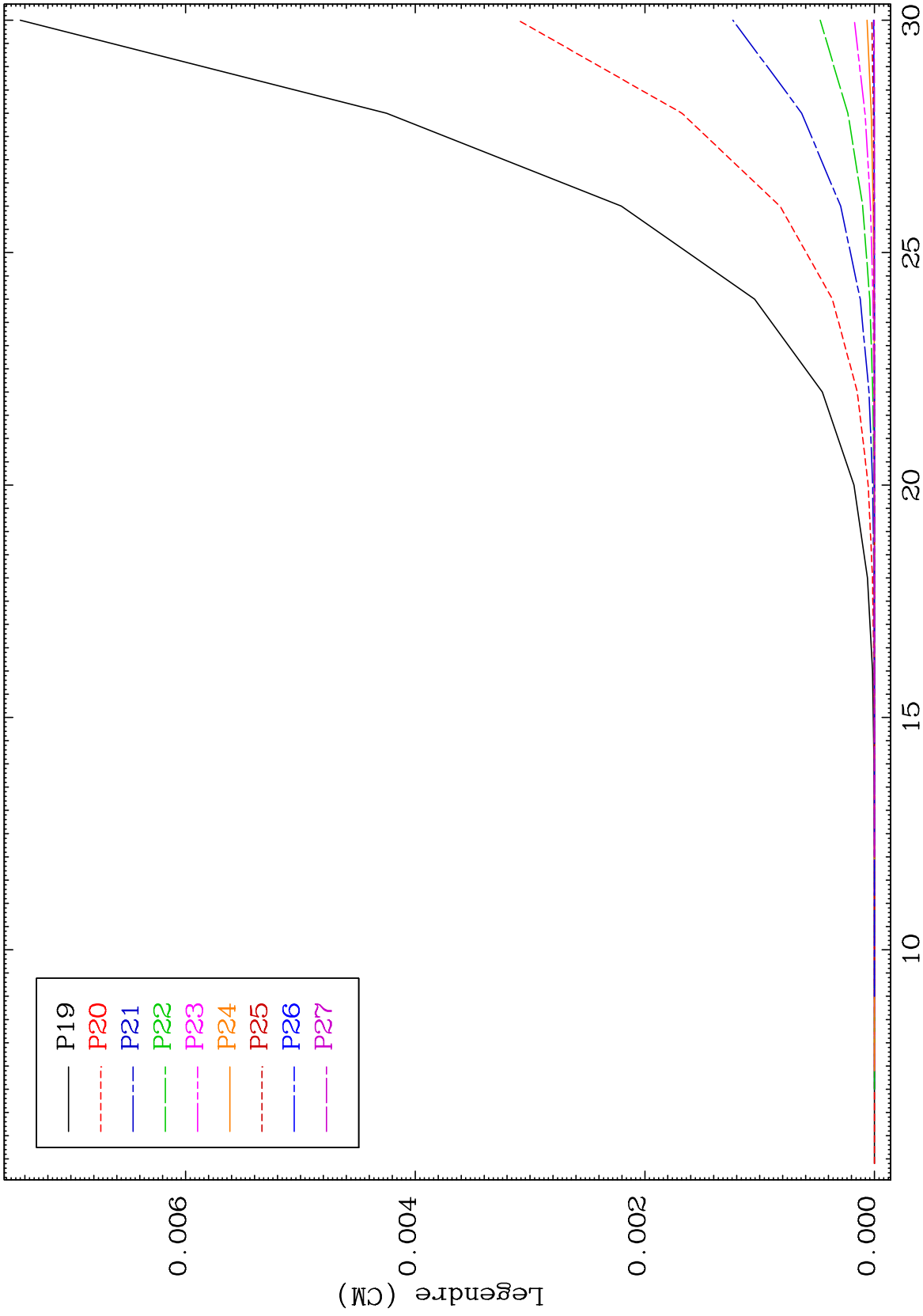




MAT 5601

Elastic Legendre Coefficients

56-Ba-122



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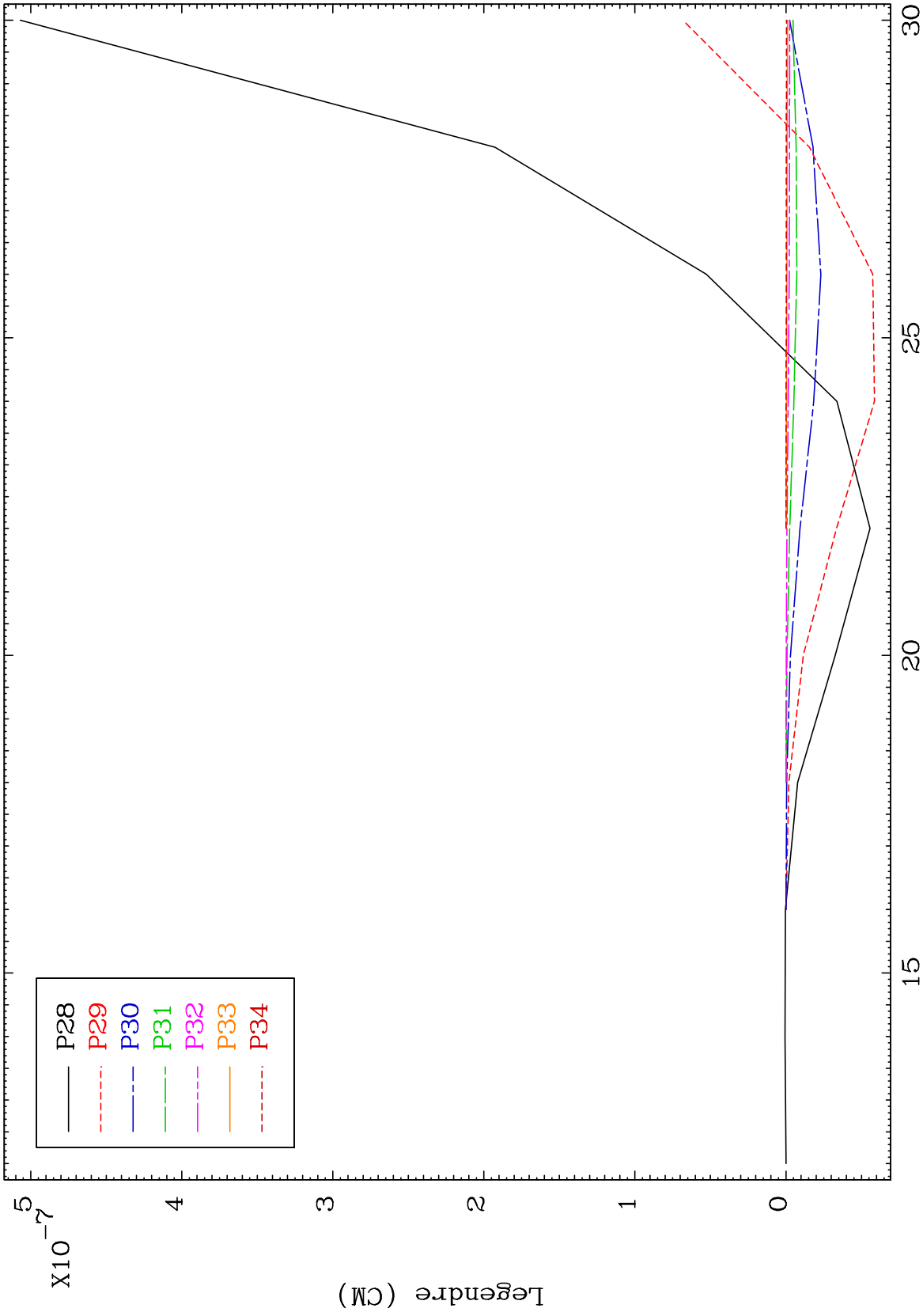
Incident Energy (MeV)

56-Ba-122

MAT 5601

Elastic  
Legendre Coefficients

56-Ba-122



18

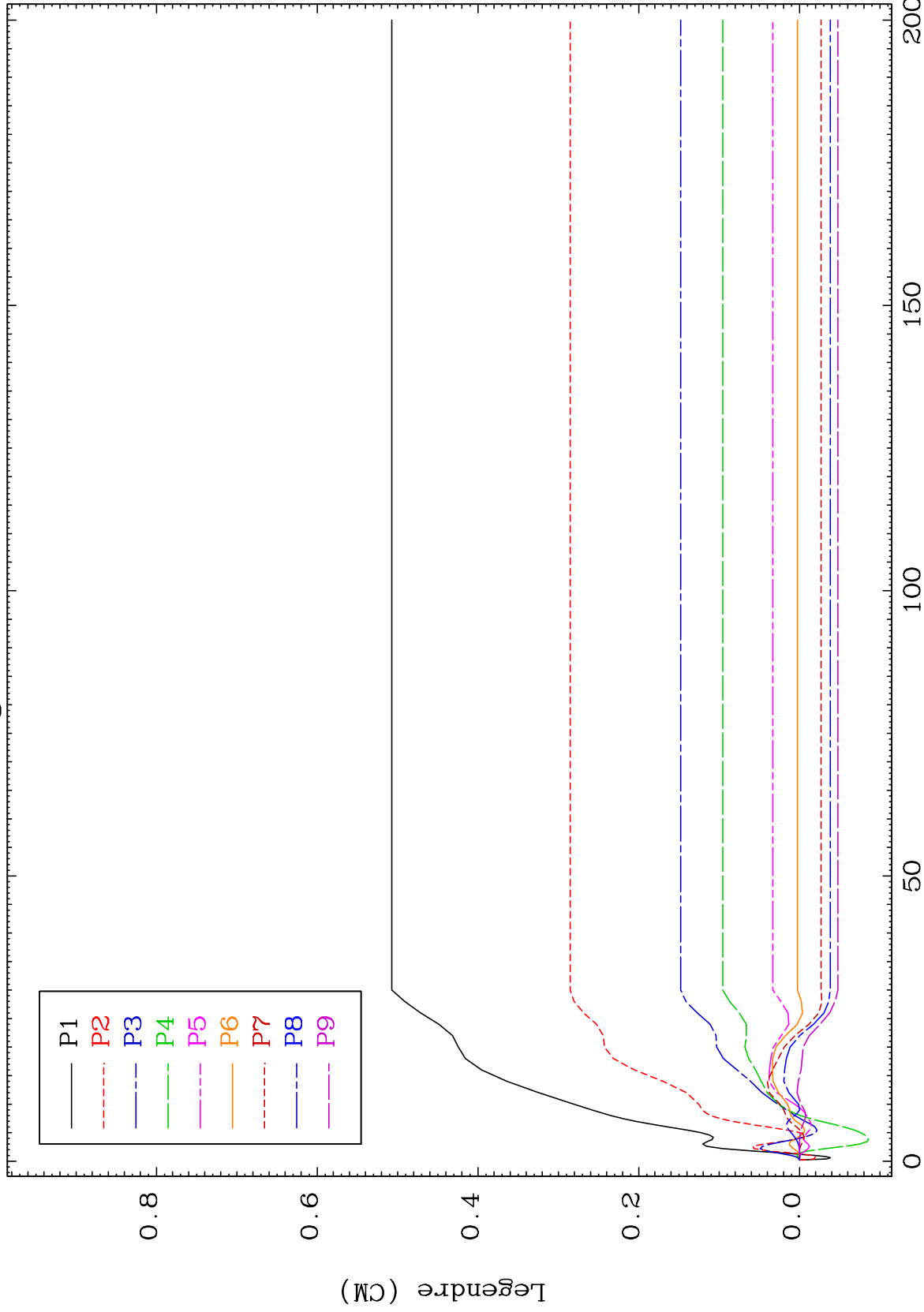
Incident Energy (MeV)

56-Ba-122

MAT 5601

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

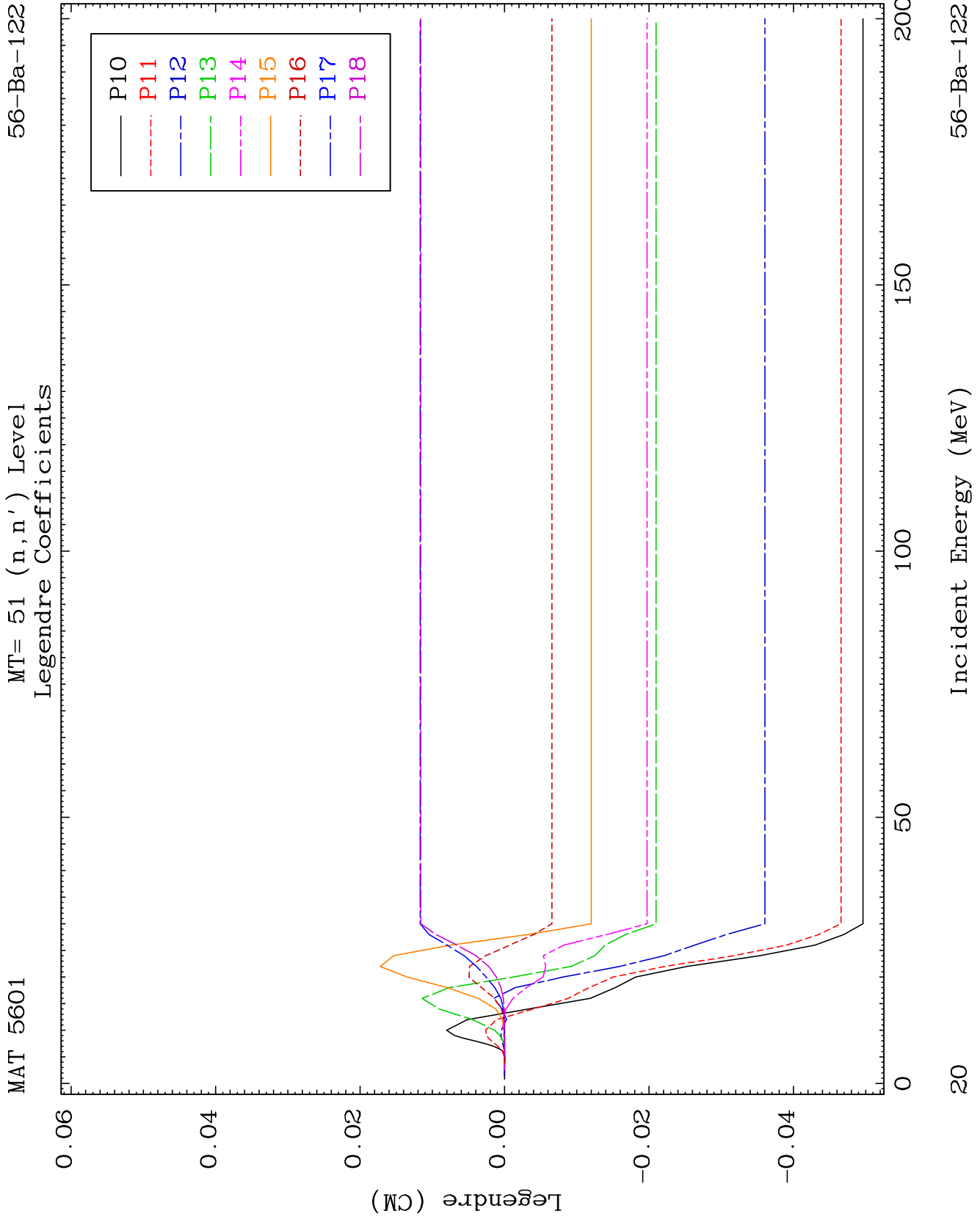
56-Ba-122



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Incident Energy (MeV)

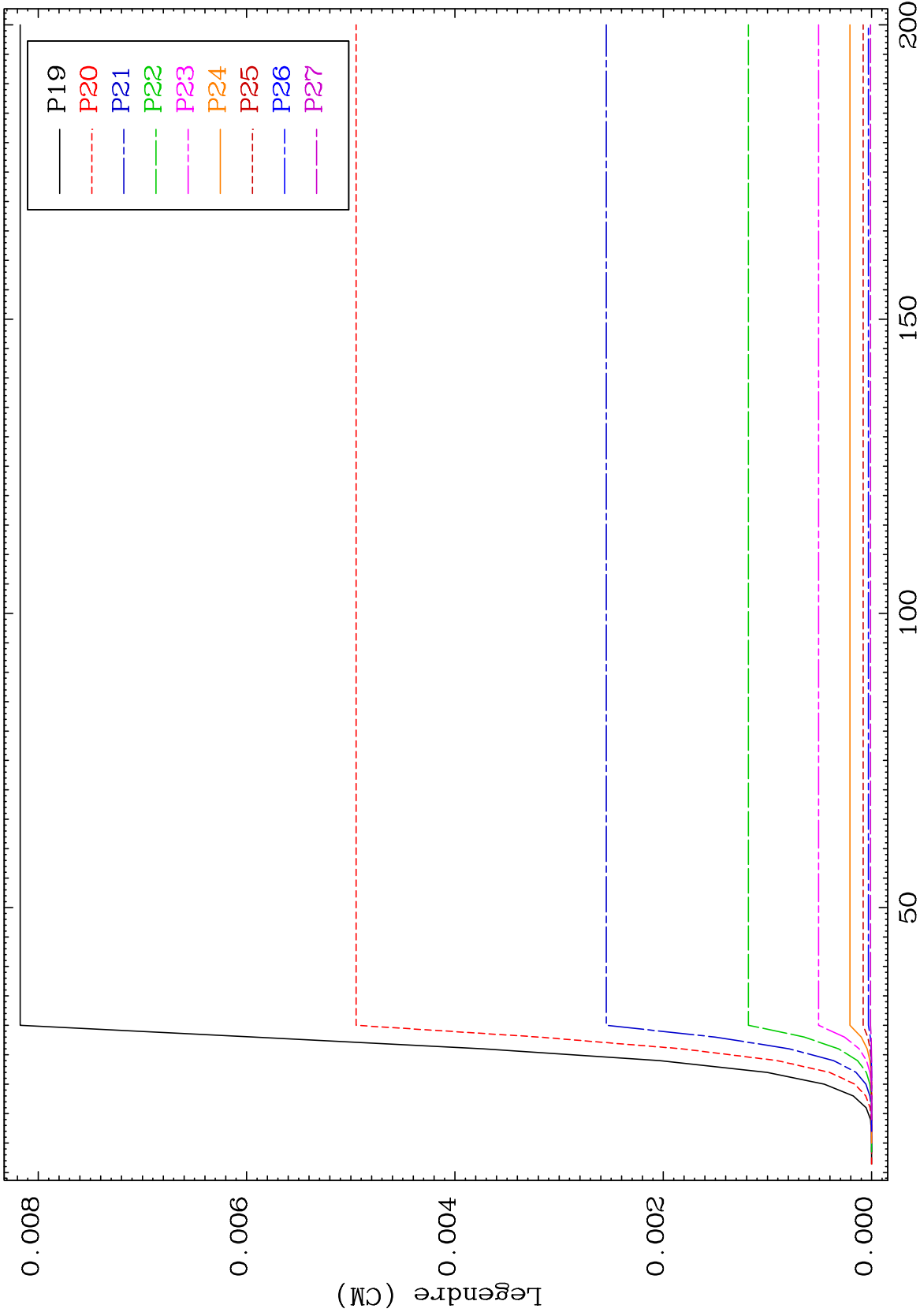
56-Ba-122



MAT 5601

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

56-Ba-122



21

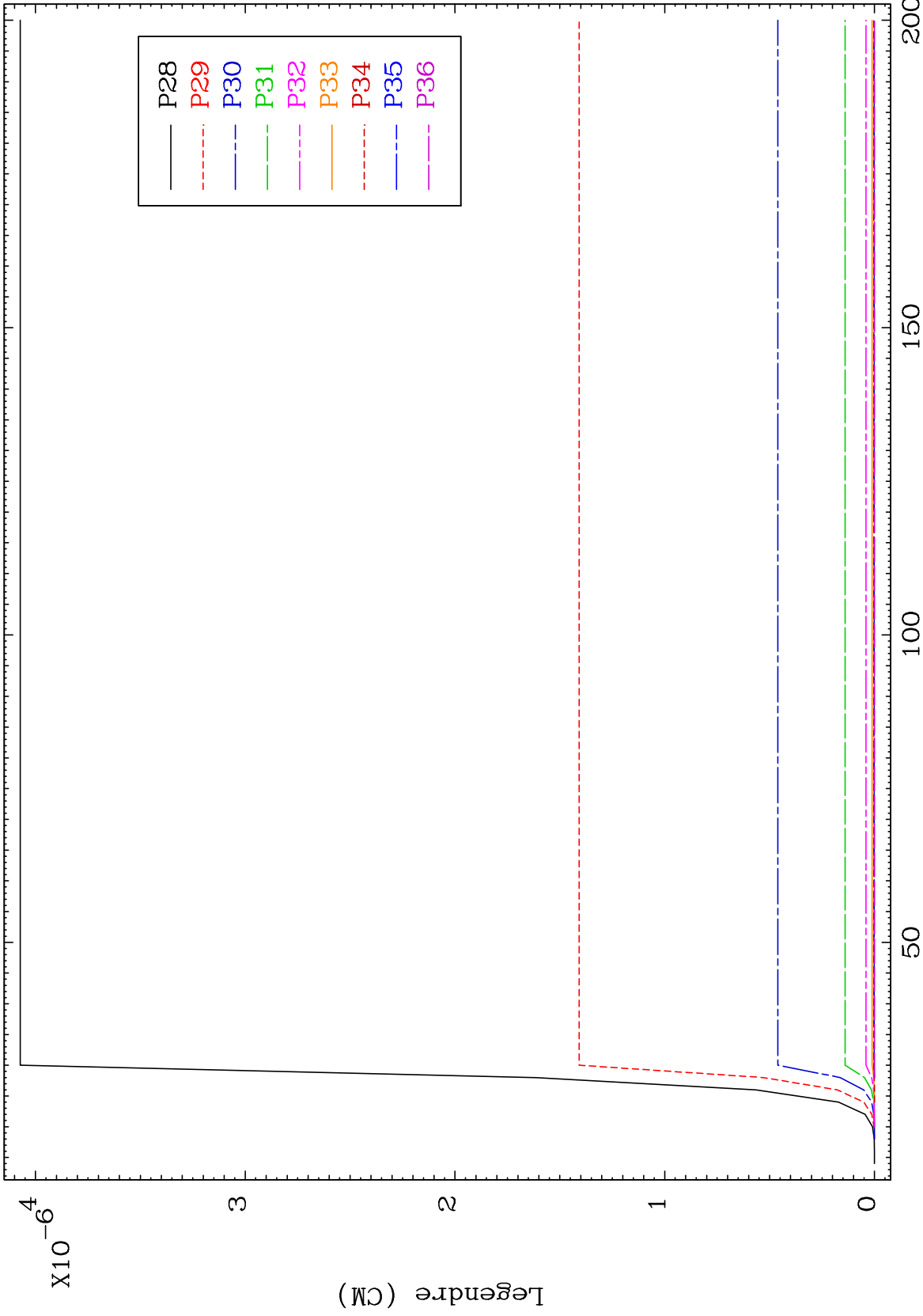
Incident Energy (MeV)

56-Ba-122

MAT 5601

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

56-Ba-122



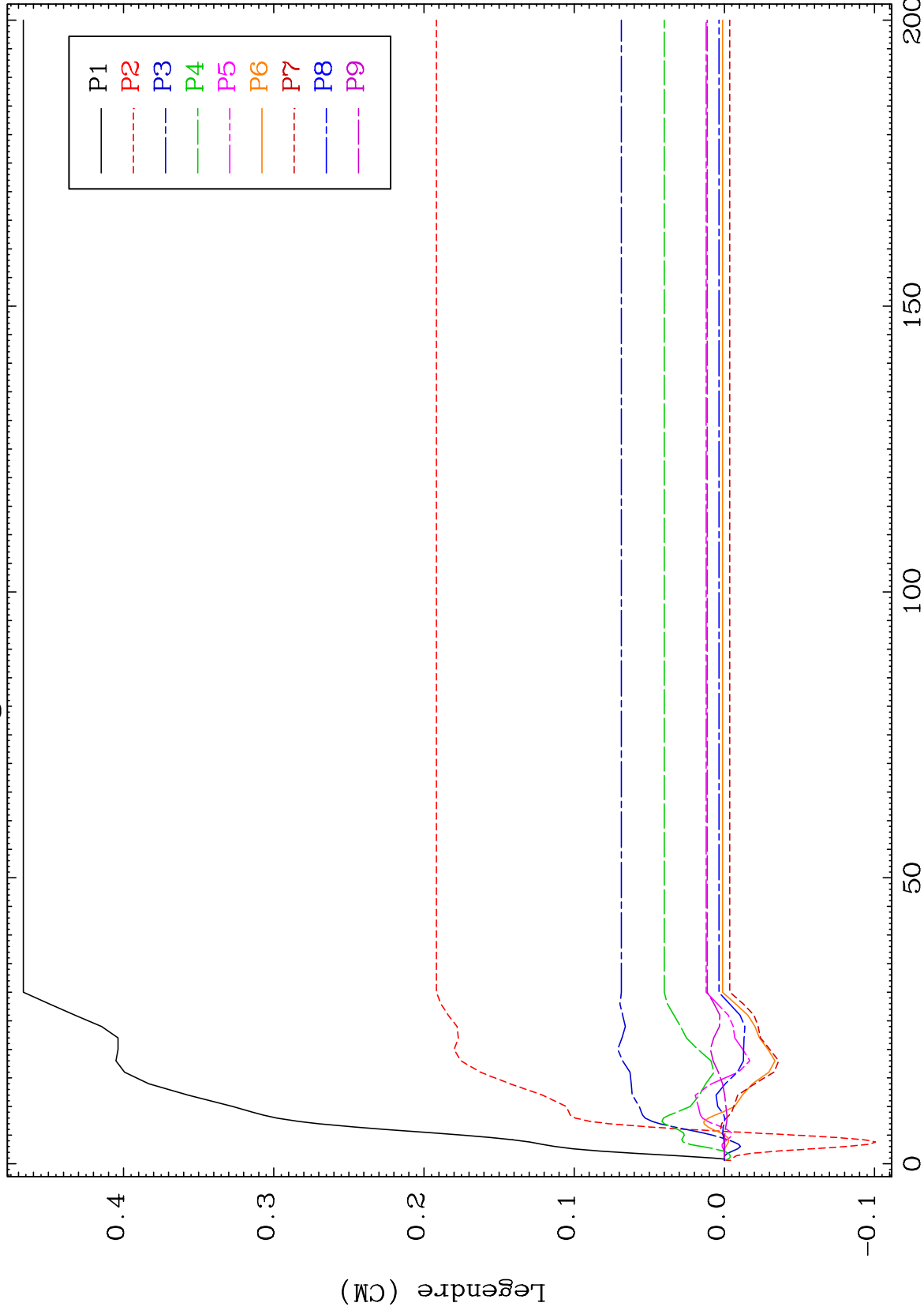
22

56-Ba-122

MAT 5601

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

56-Ba-122



23

Incident Energy (MeV)

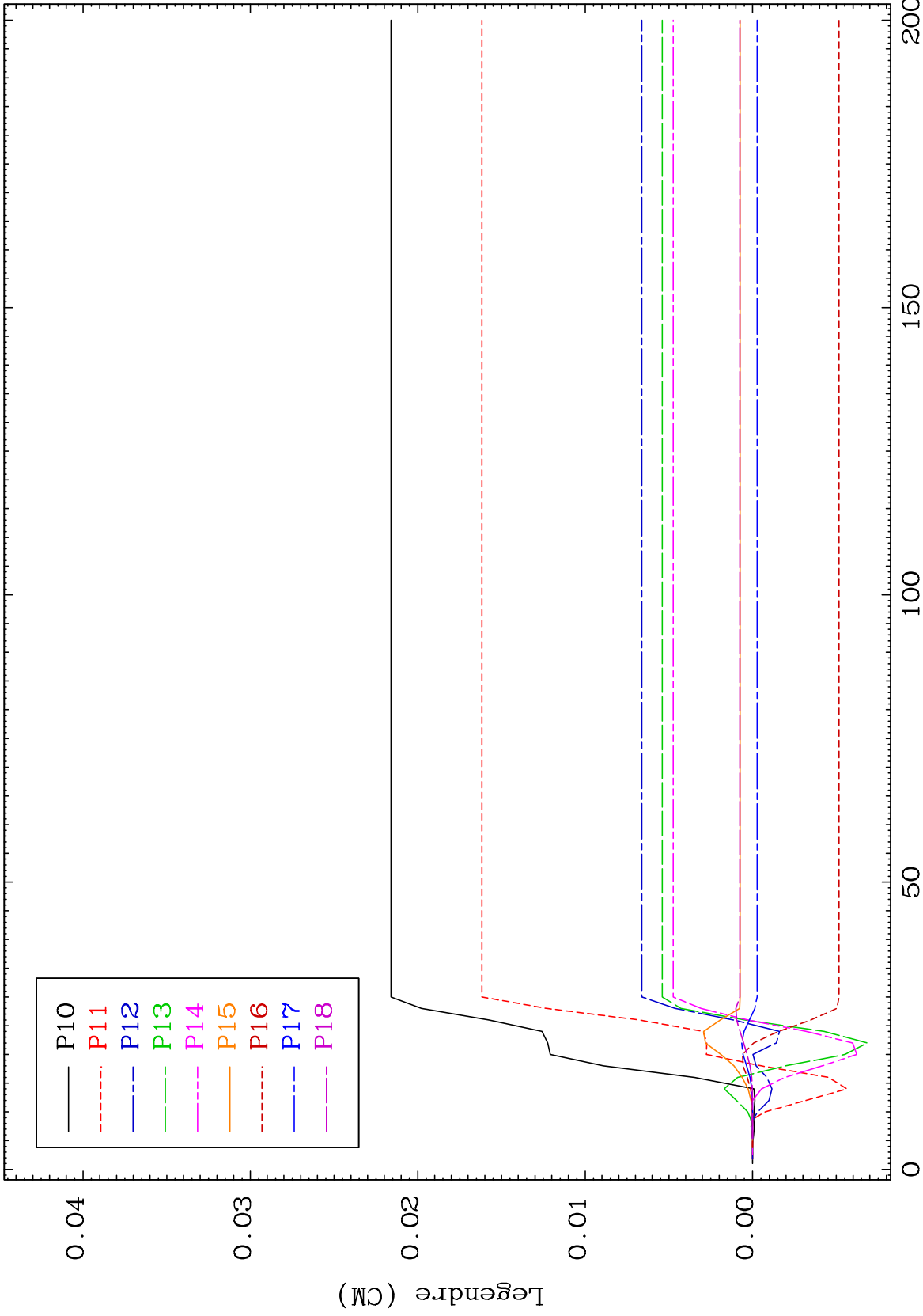
56-Ba-122



MAT 5601

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

56-Ba-122



24

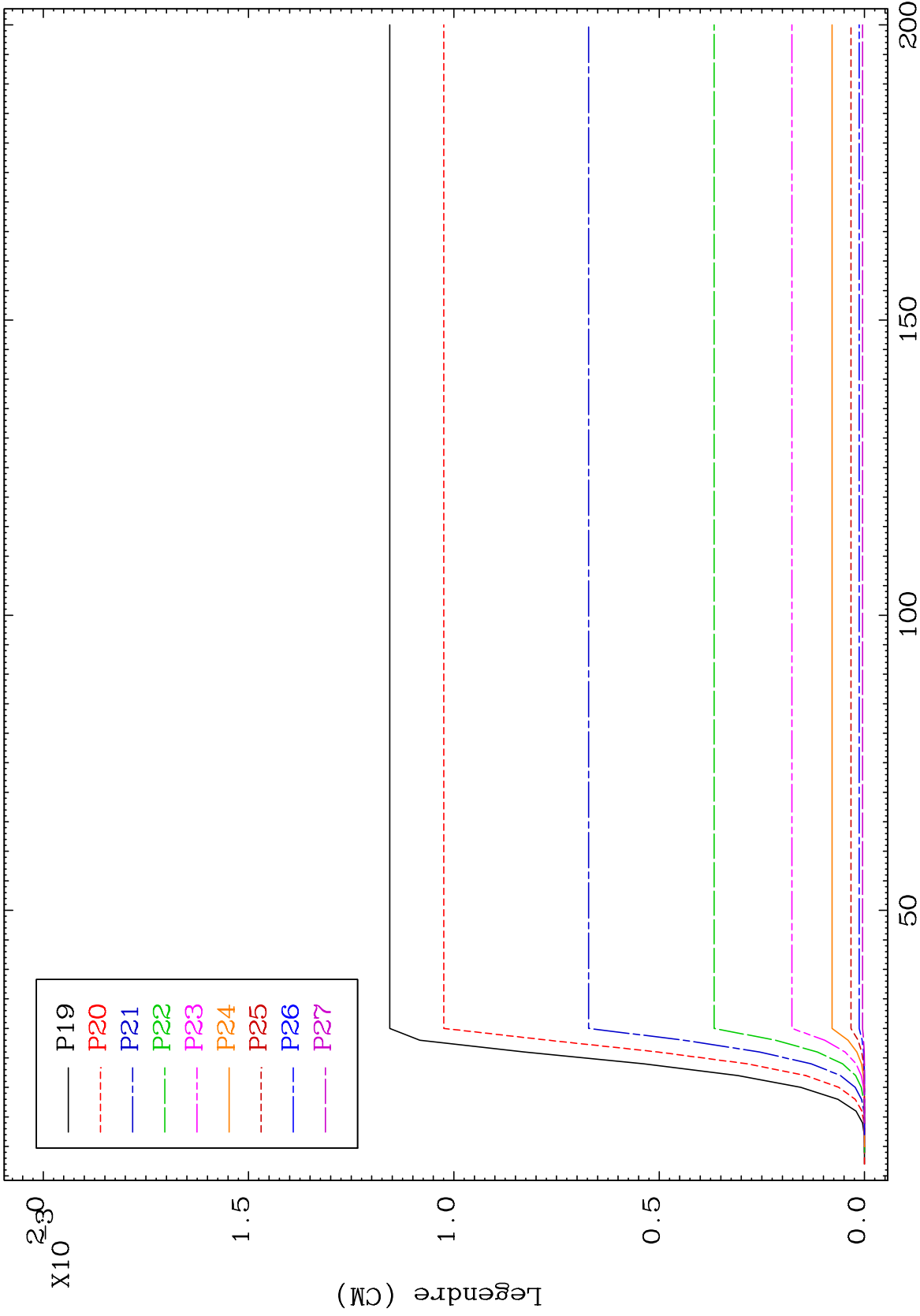
Incident Energy (MeV)

56-Ba-122

MAT 5601

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

56-Ba-122



25

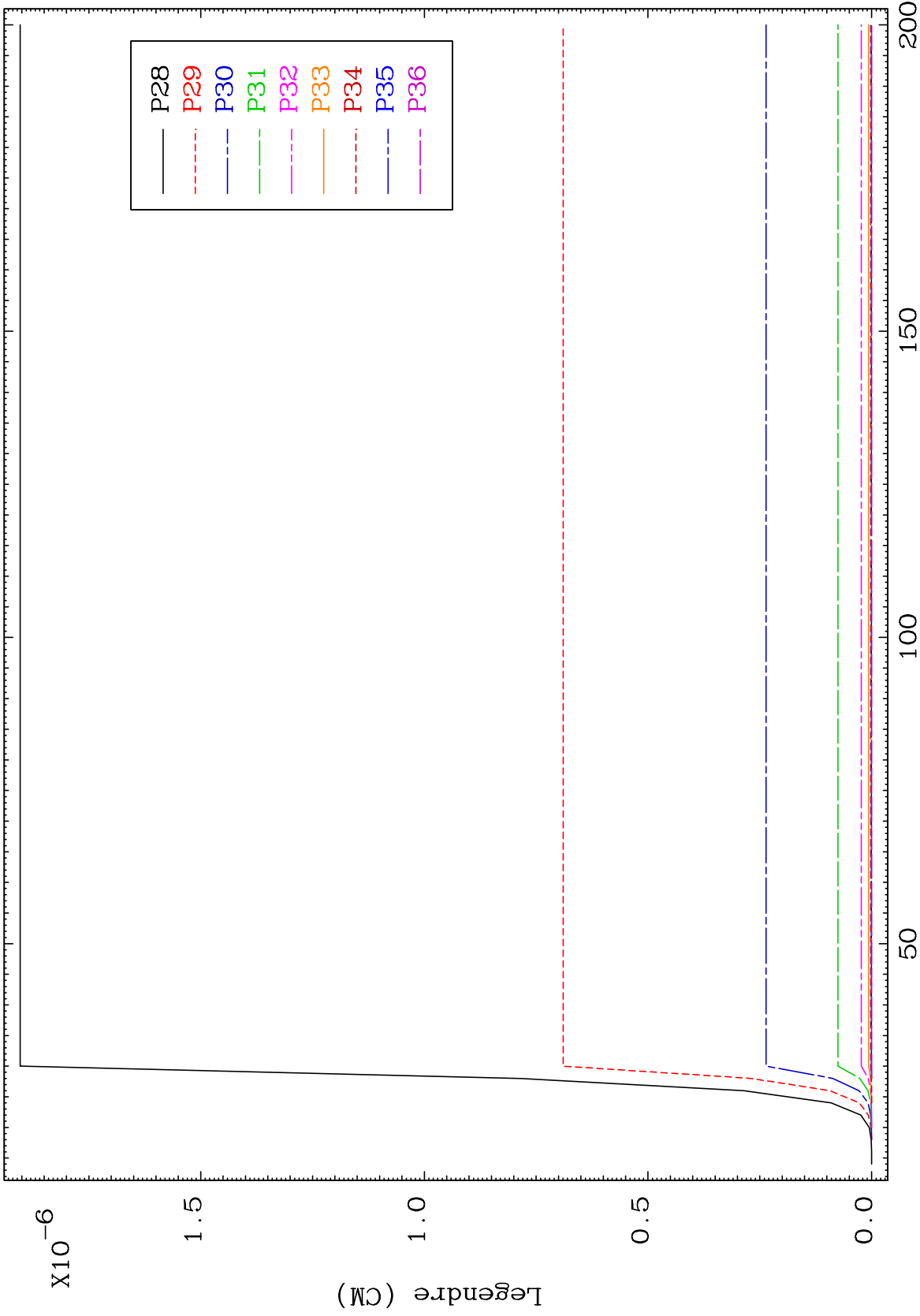
Incident Energy (MeV)

56-Ba-122

MAT 5601

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

56-Ba-122



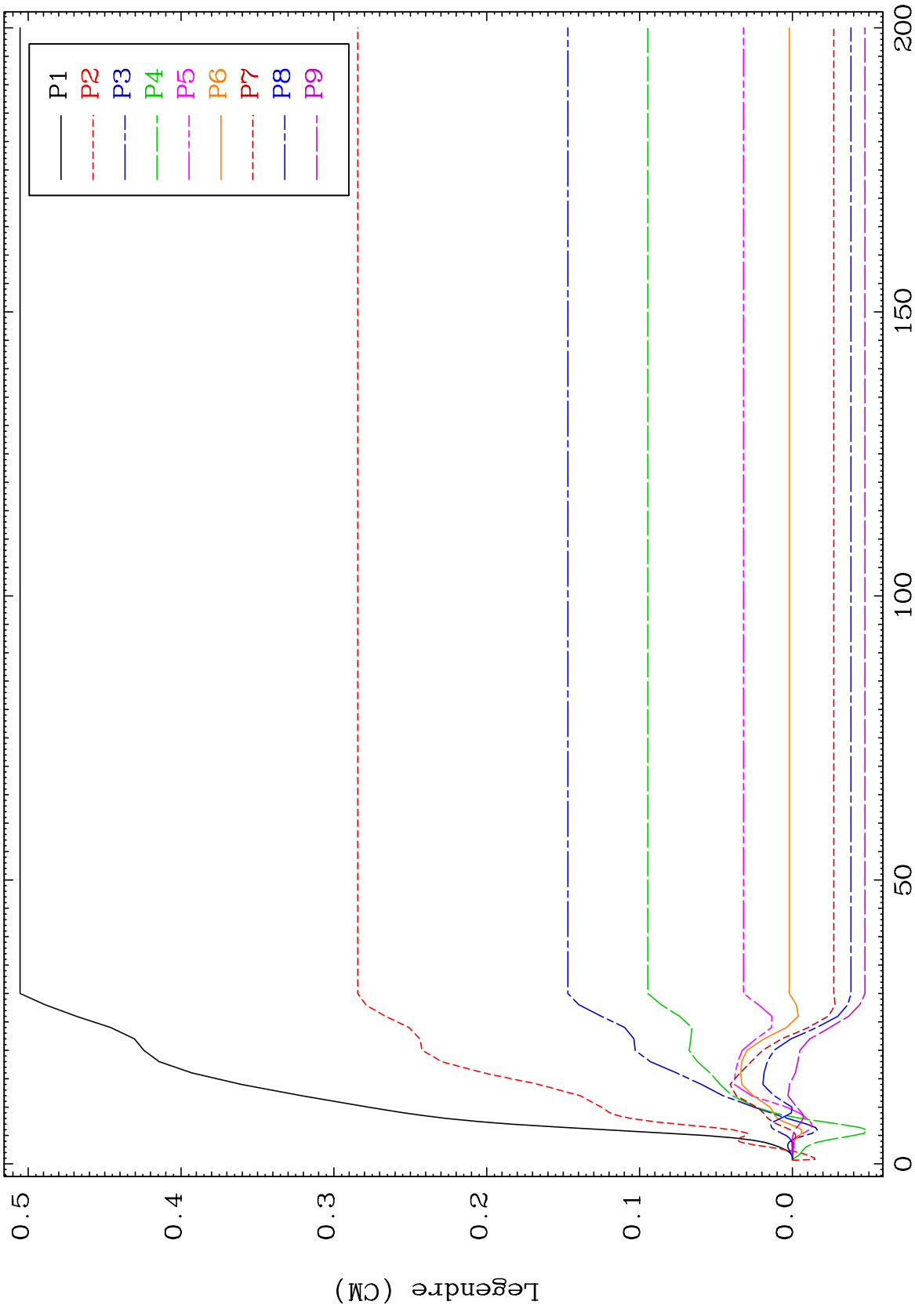
26

56-Ba-122

MAT 5601

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

56-Ba-122



27

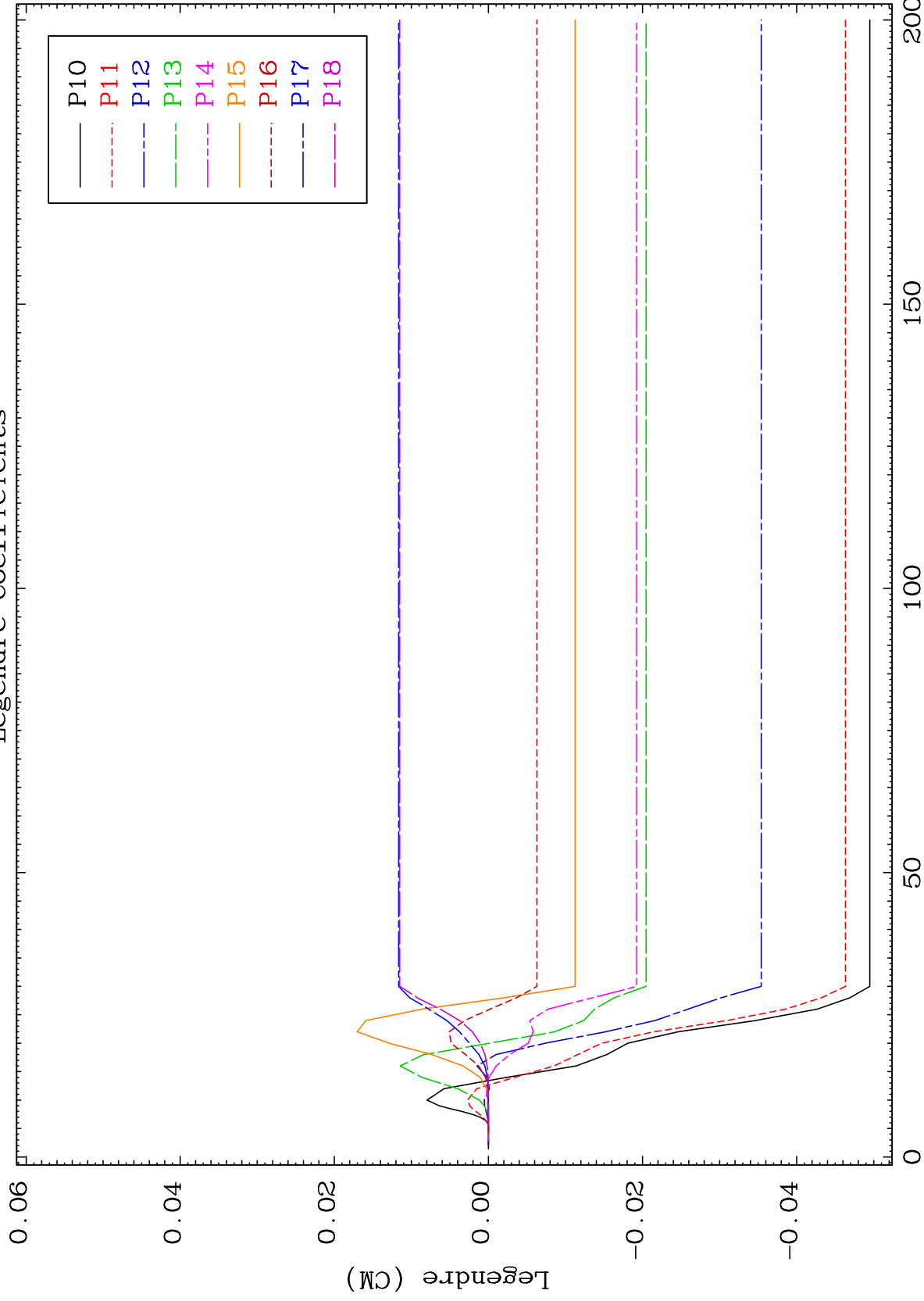
Incident Energy (MeV)

56-Ba-122

MAT 5601

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

56-Ba-122

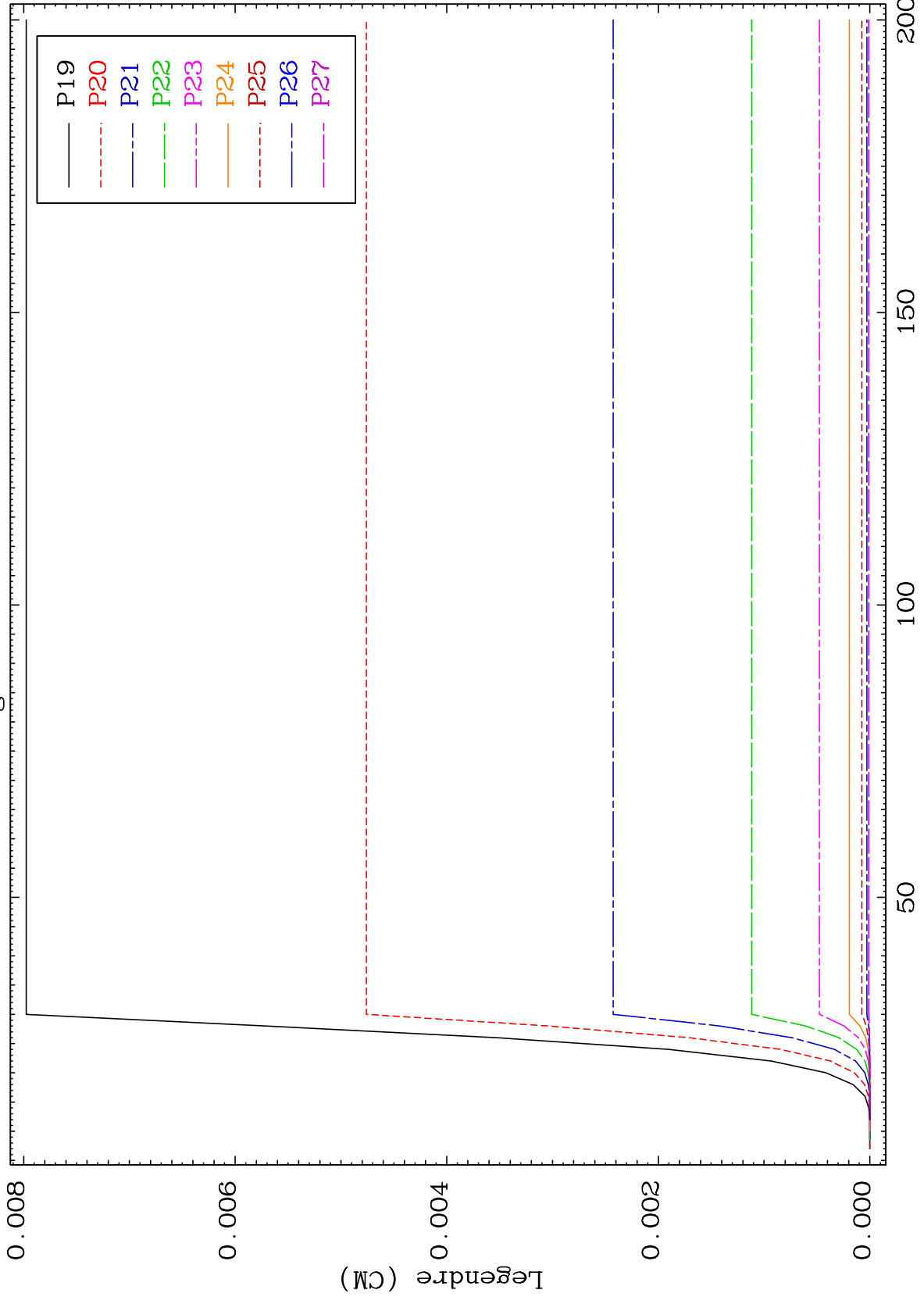


28

Incident Energy (MeV)

56-Ba-122

MAT 5601 MT= 53 (n,n') Level Legendre Coefficients 56-Ba-122

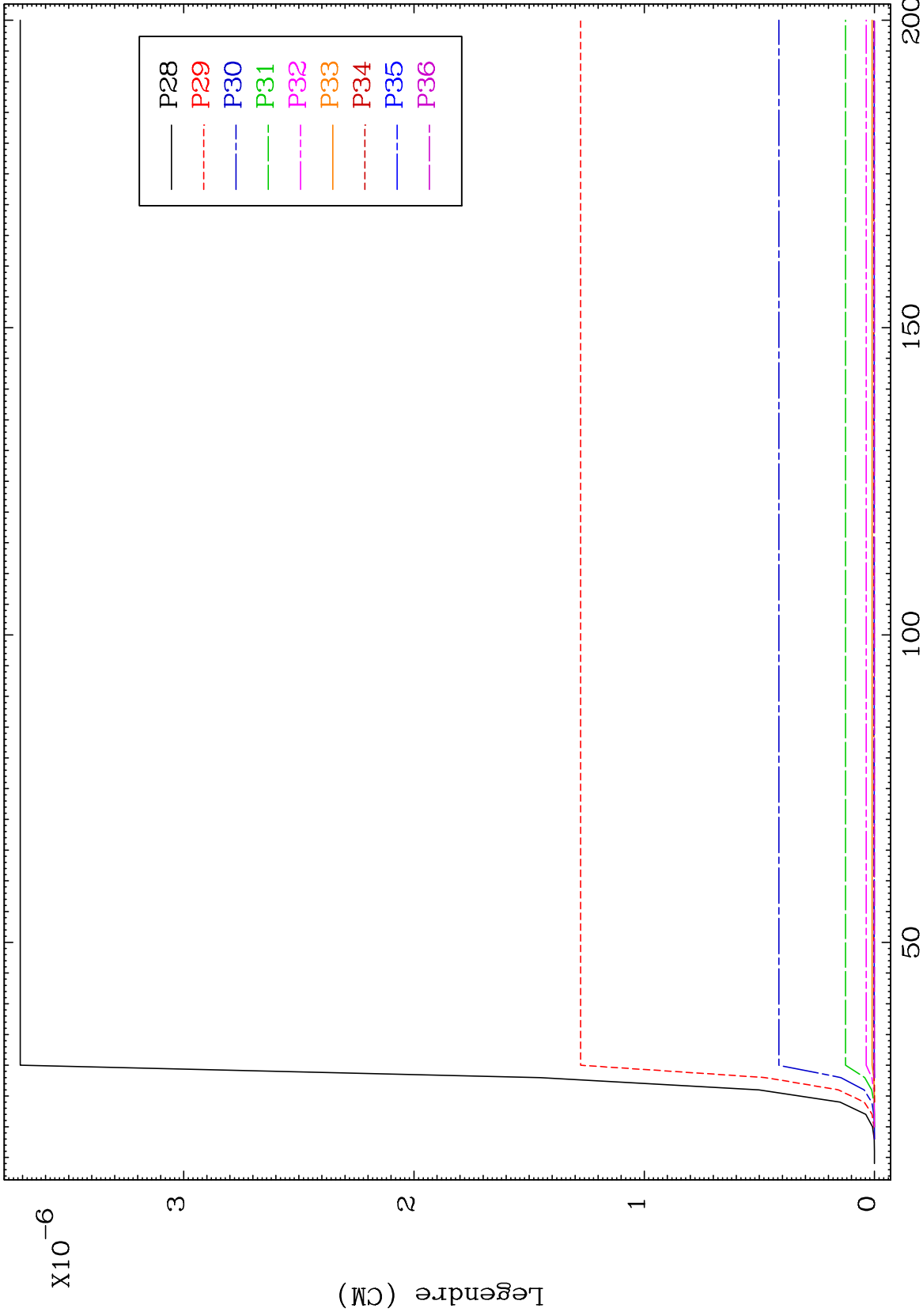


29 Incident Energy (MeV) 56-Ba-122

MAT 5601

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

56-Ba-122



30

50

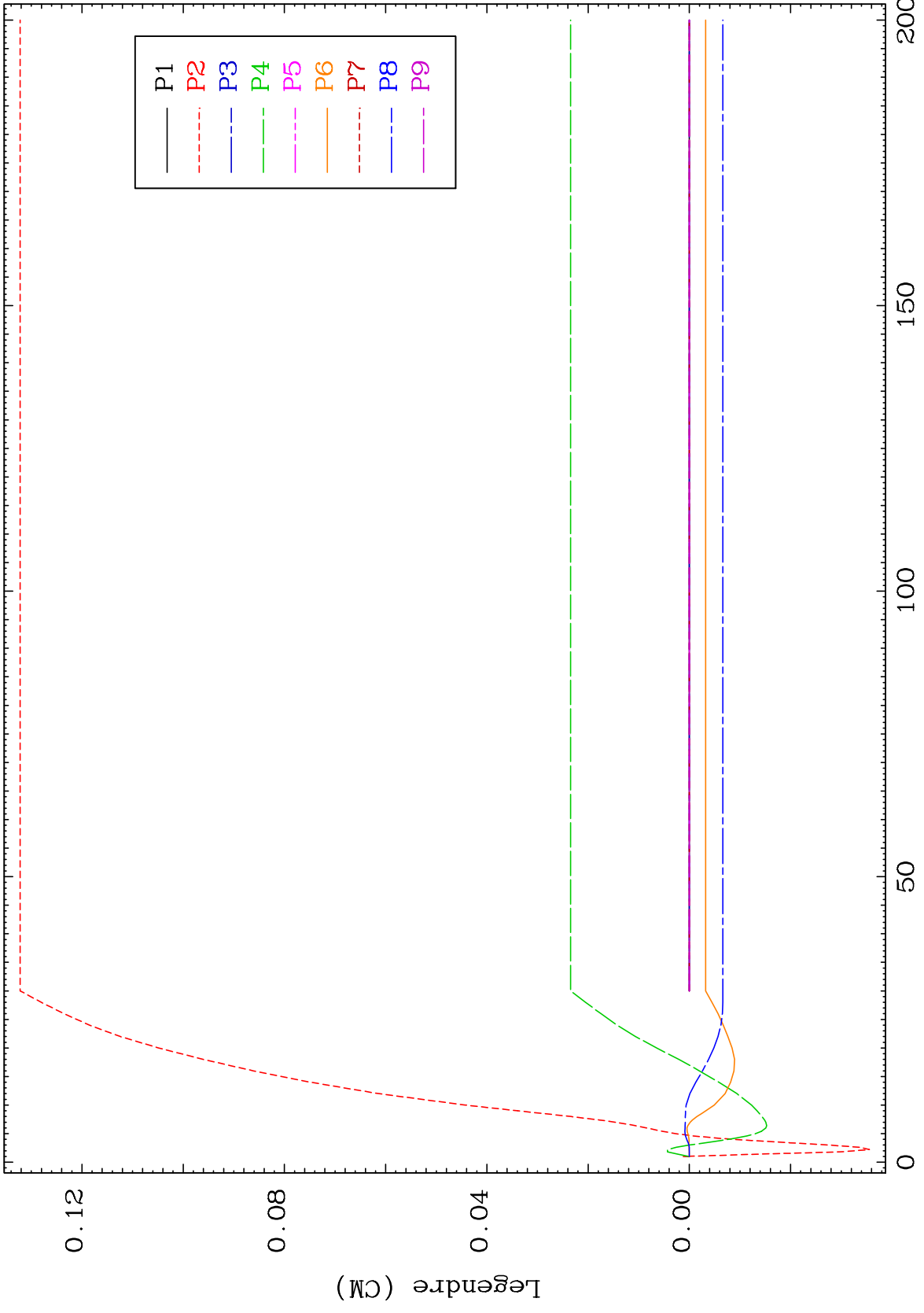
100

150

200

56-Ba-122

MAT 5601 MT= 54 (n,n') Level Legendre Coefficients 56-Ba-122



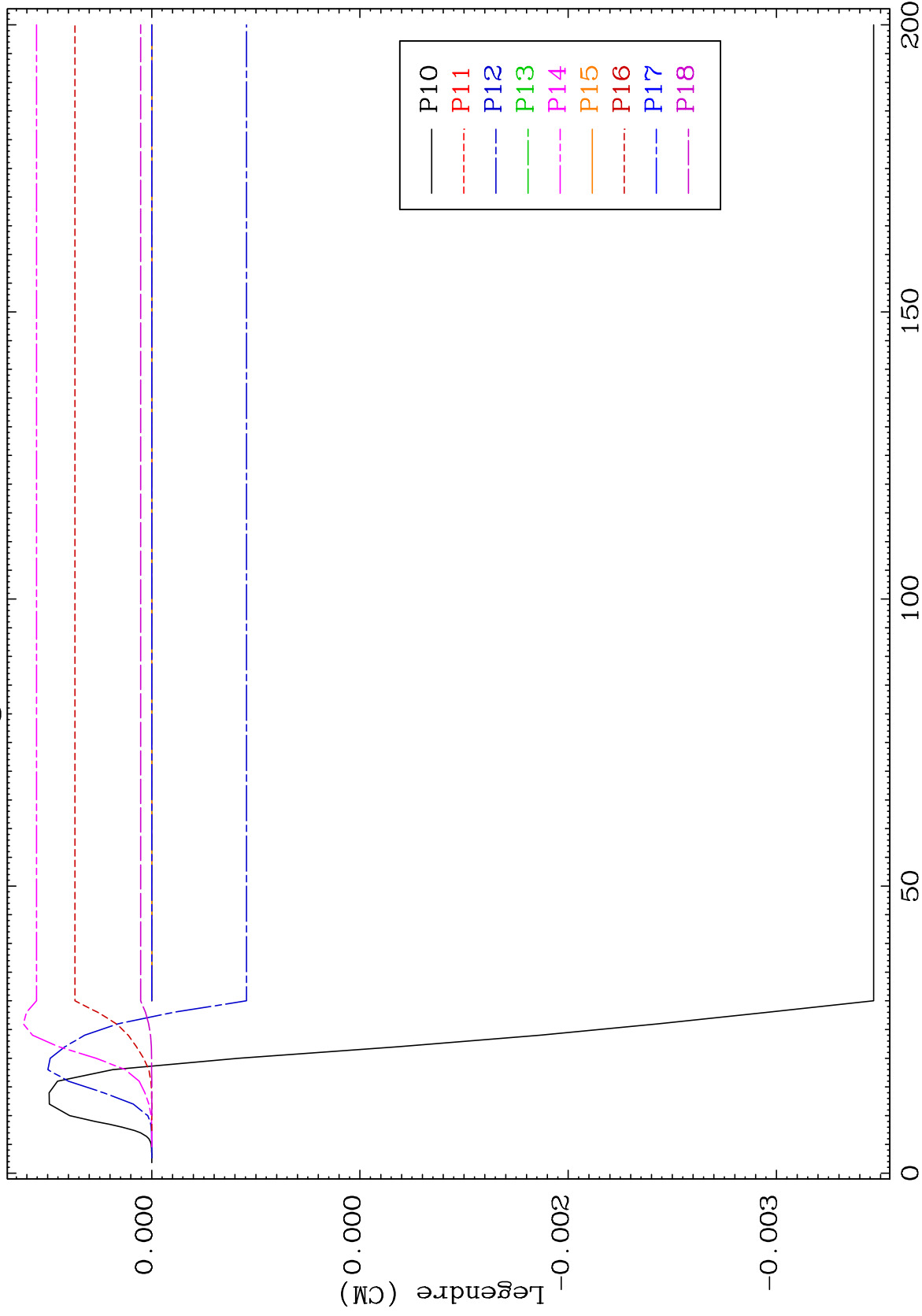
31 56-Ba-122



MAT 5601

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

56-Ba-122



32

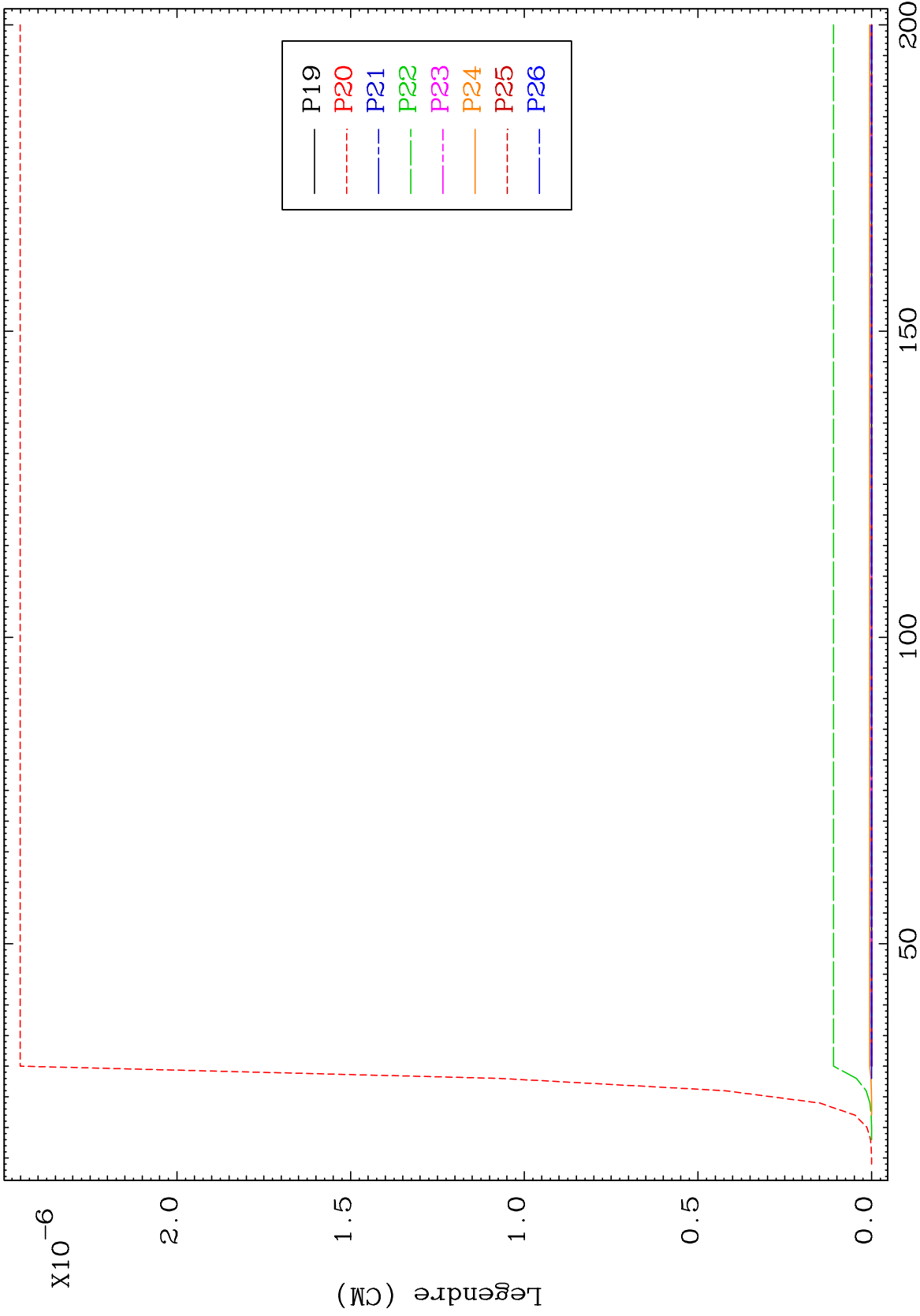
Incident Energy (MeV)

56-Ba-122

MAT 5601

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

56-Ba-122



33

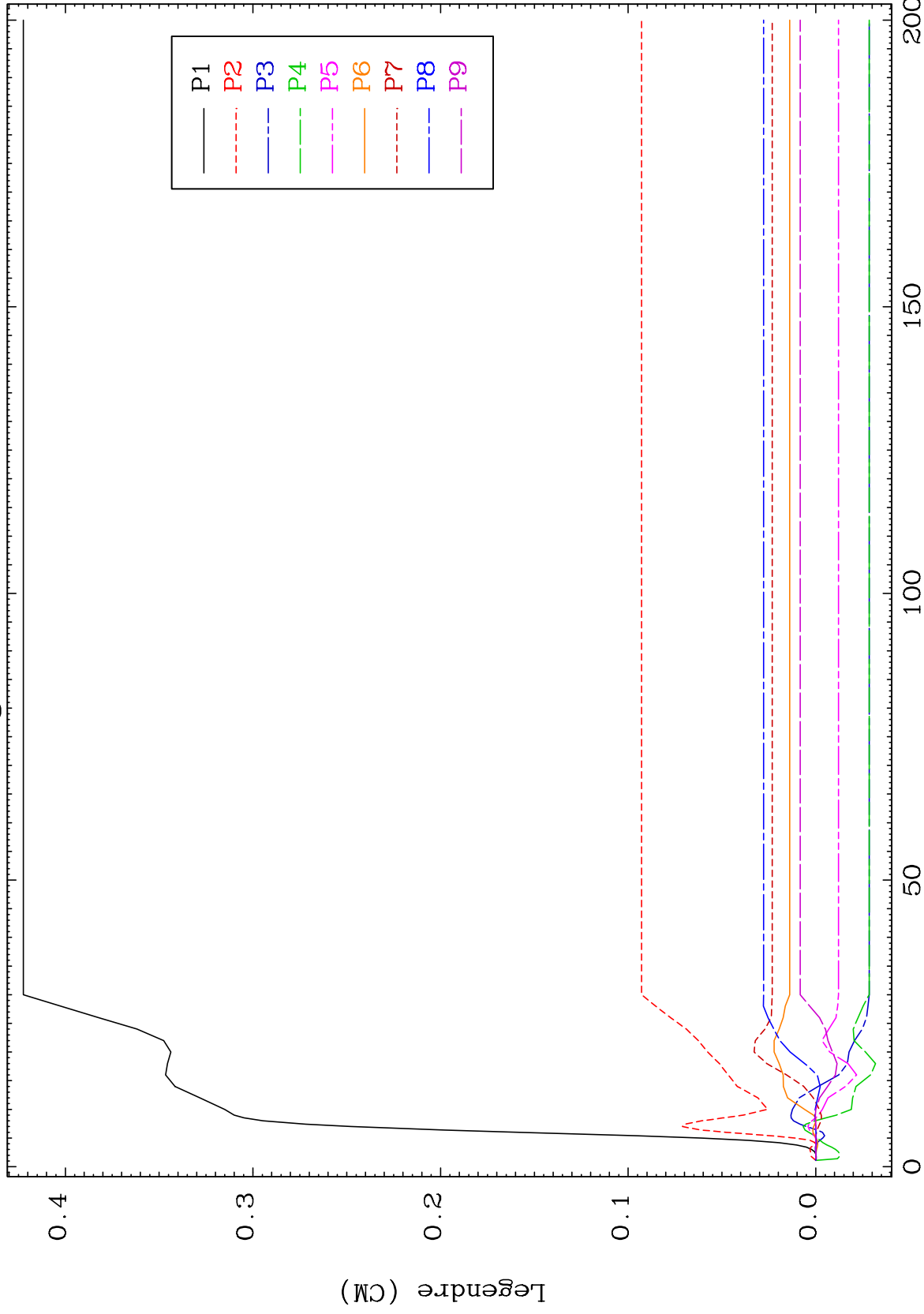
Incident Energy (MeV)

56-Ba-122

MAT 5601

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

56-Ba-122

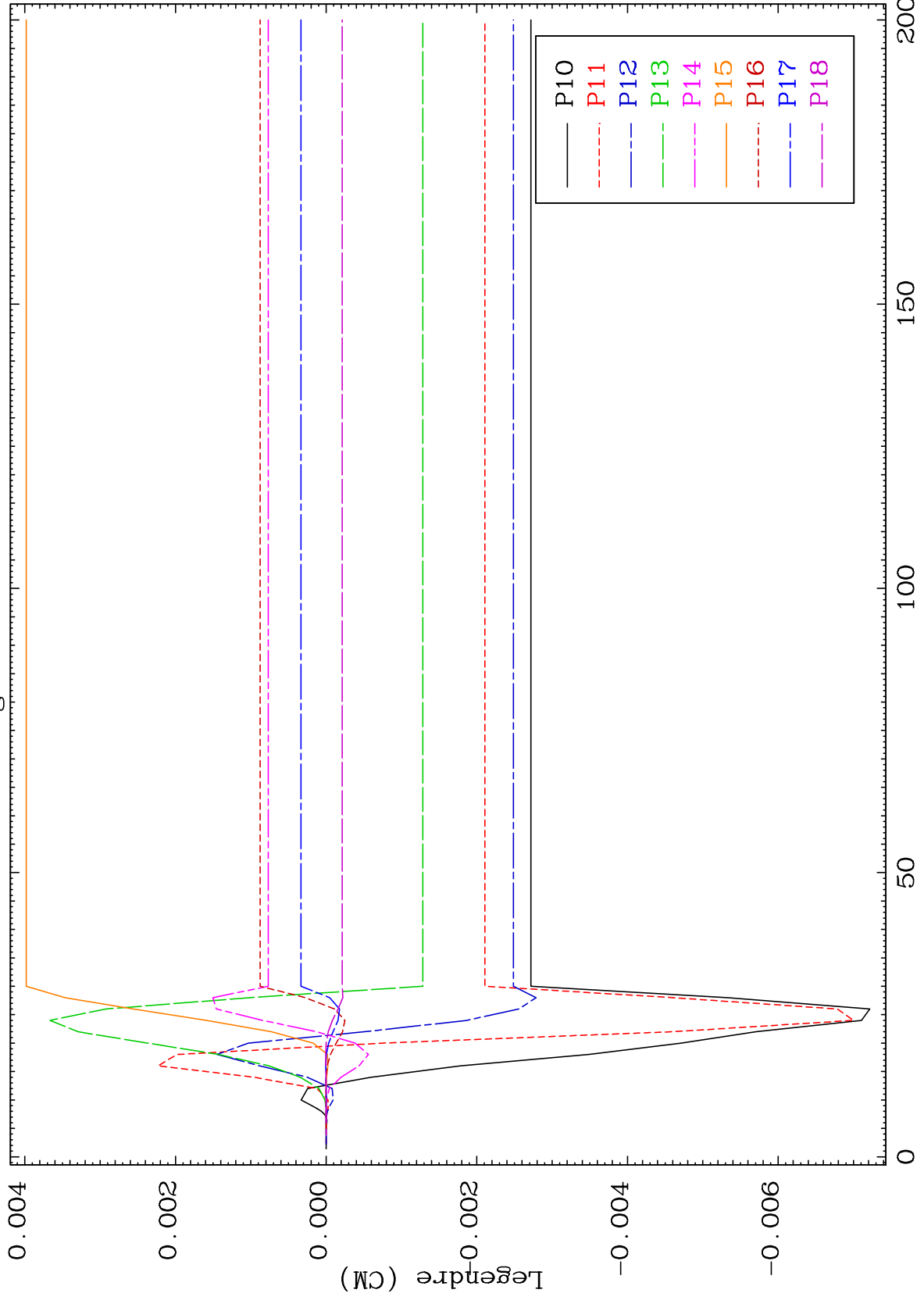


34

Incident Energy (MeV)

56-Ba-122

MAT 5601 MT= 55 (n,n') Level Legendre Coefficients 56-Ba-122

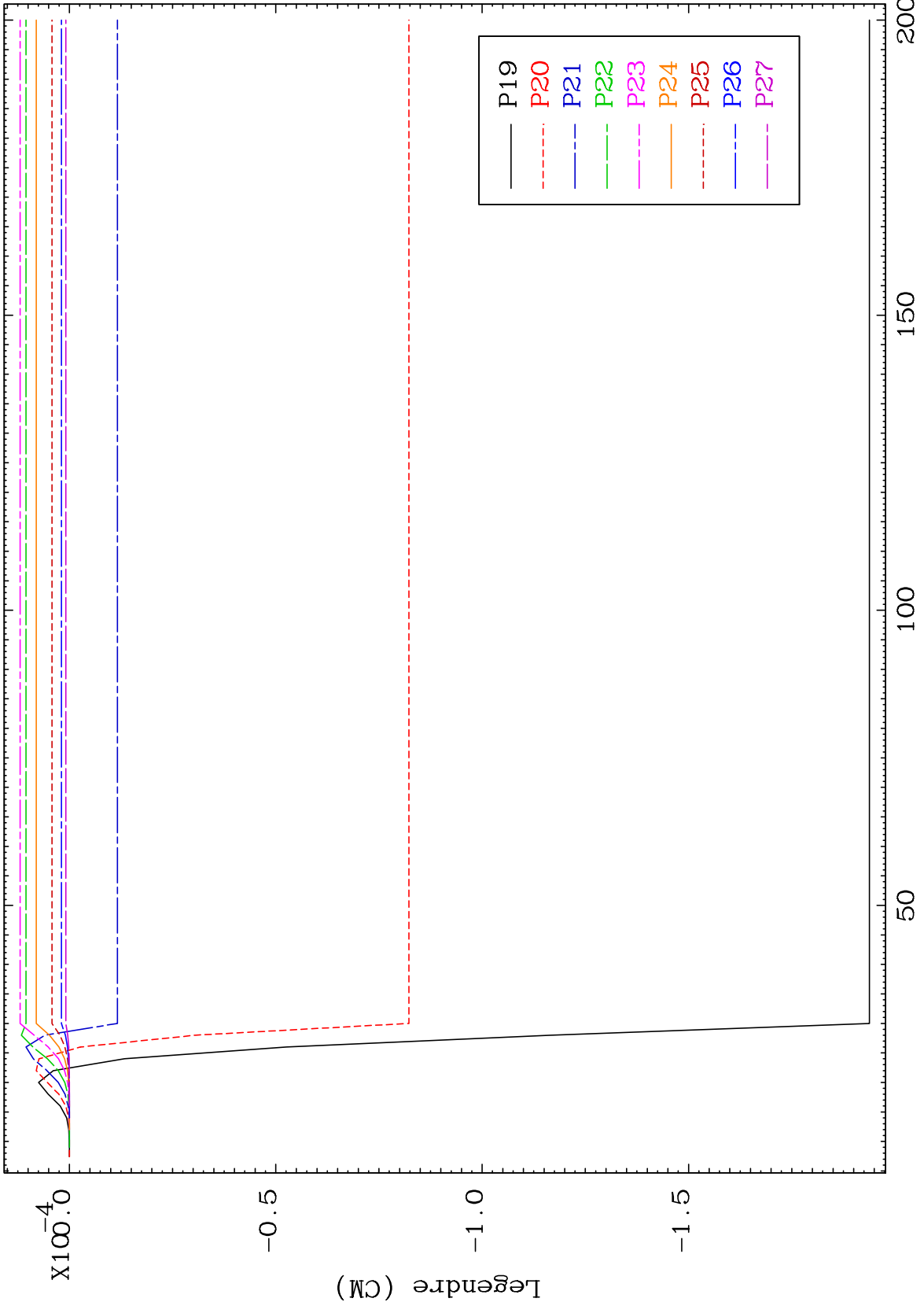


56-Ba-122

Incident Energy (MeV)

35

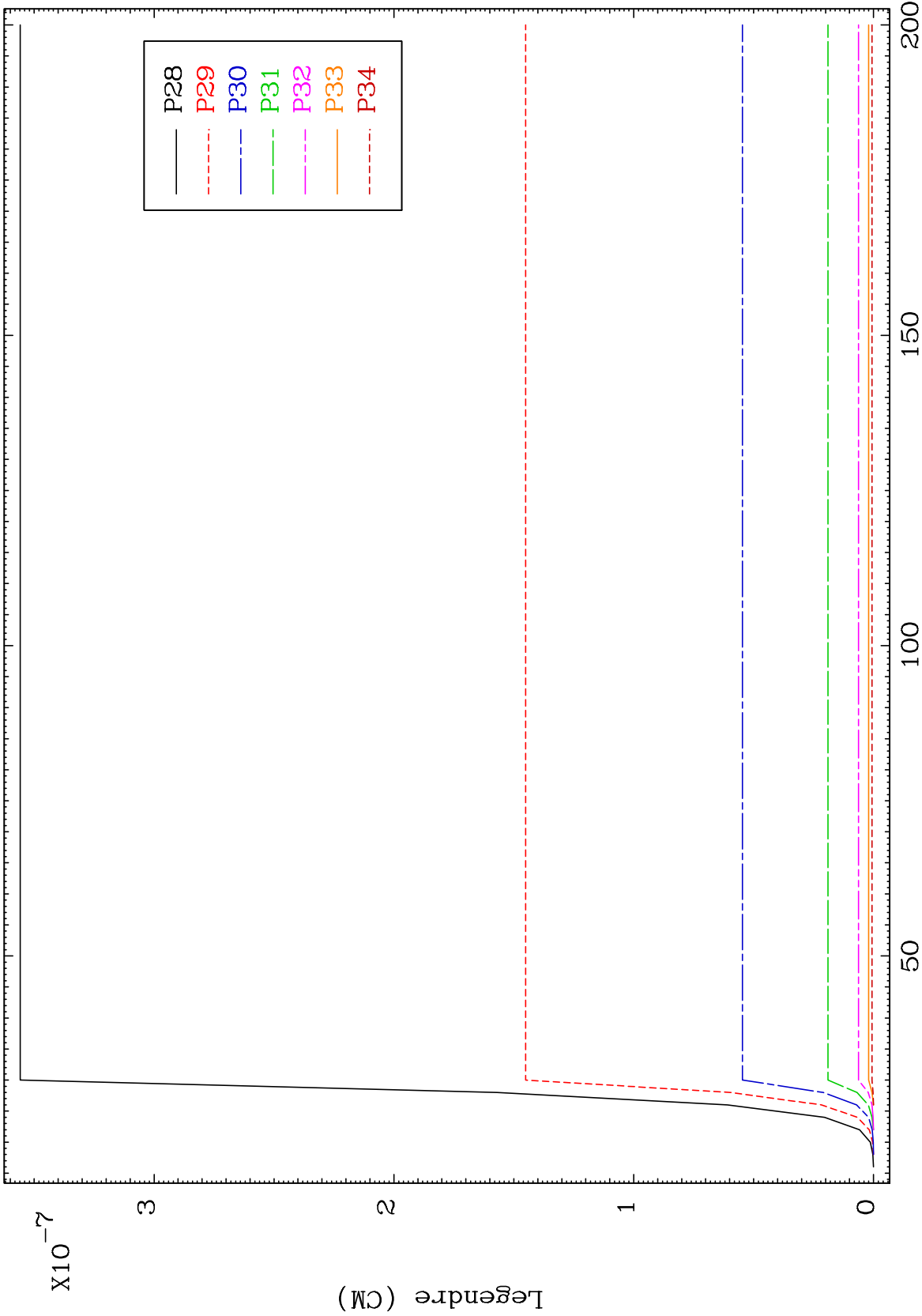
MAT 5601 MT= 55 (n,n') Level Legendre Coefficients 56-Ba-122



MAT 5601

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

56-Ba-122

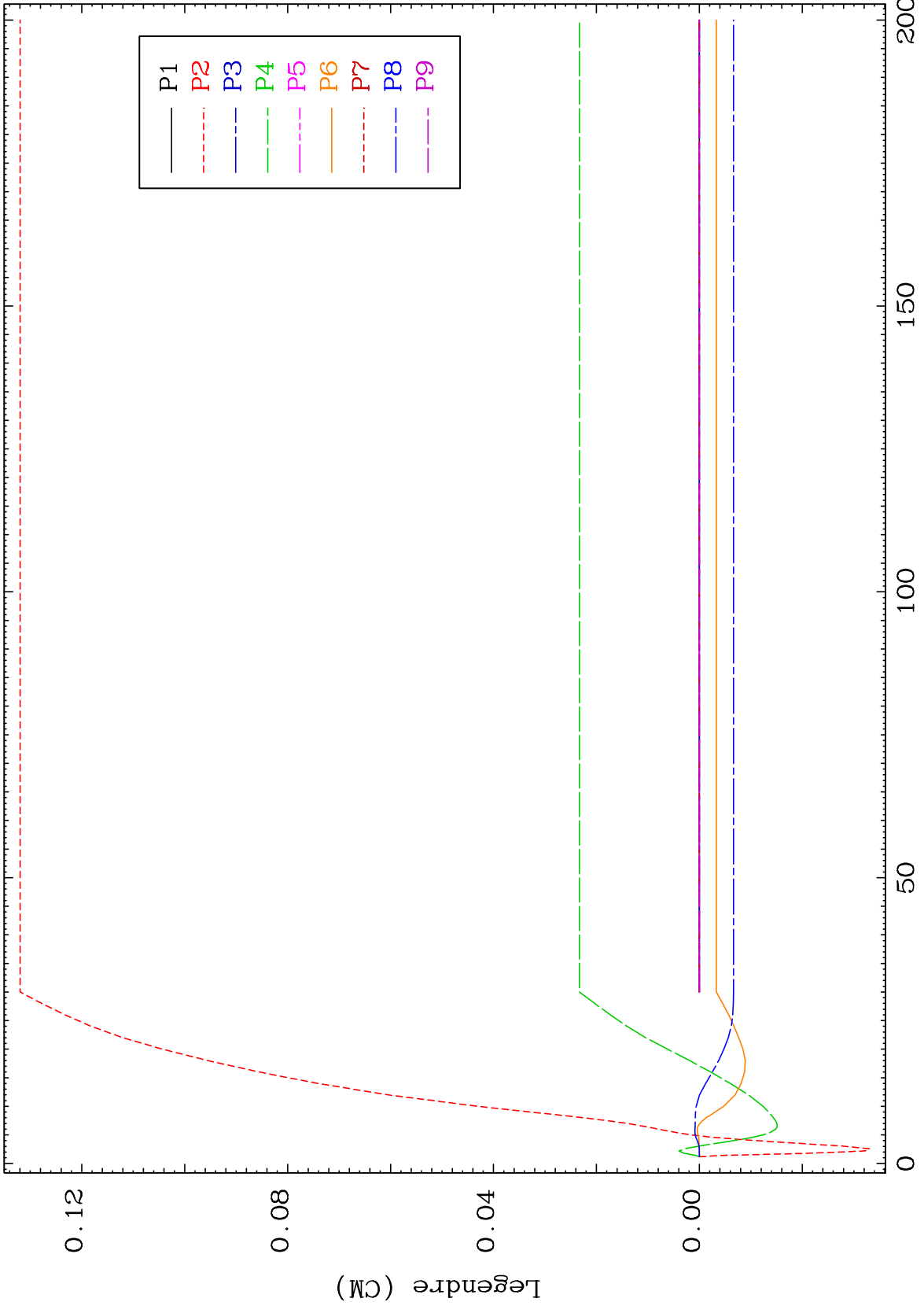


37

Incident Energy (MeV)

56-Ba-122

MAT 5601 MT= 56 (n,n') Level Legendre Coefficients 56-Ba-122

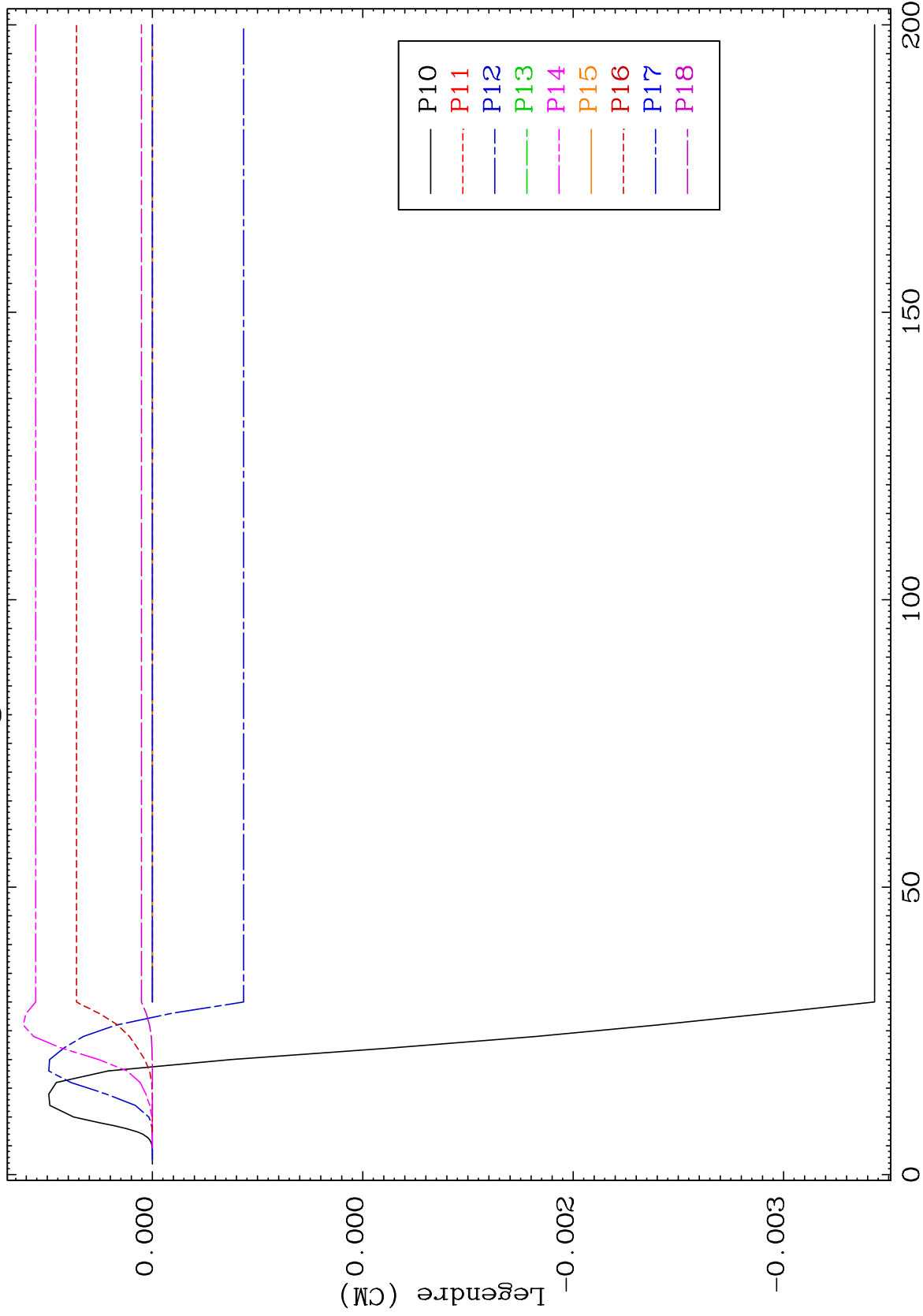


38 56-Ba-122

MAT 5601

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

56-Ba-122



39

Incident Energy (MeV)

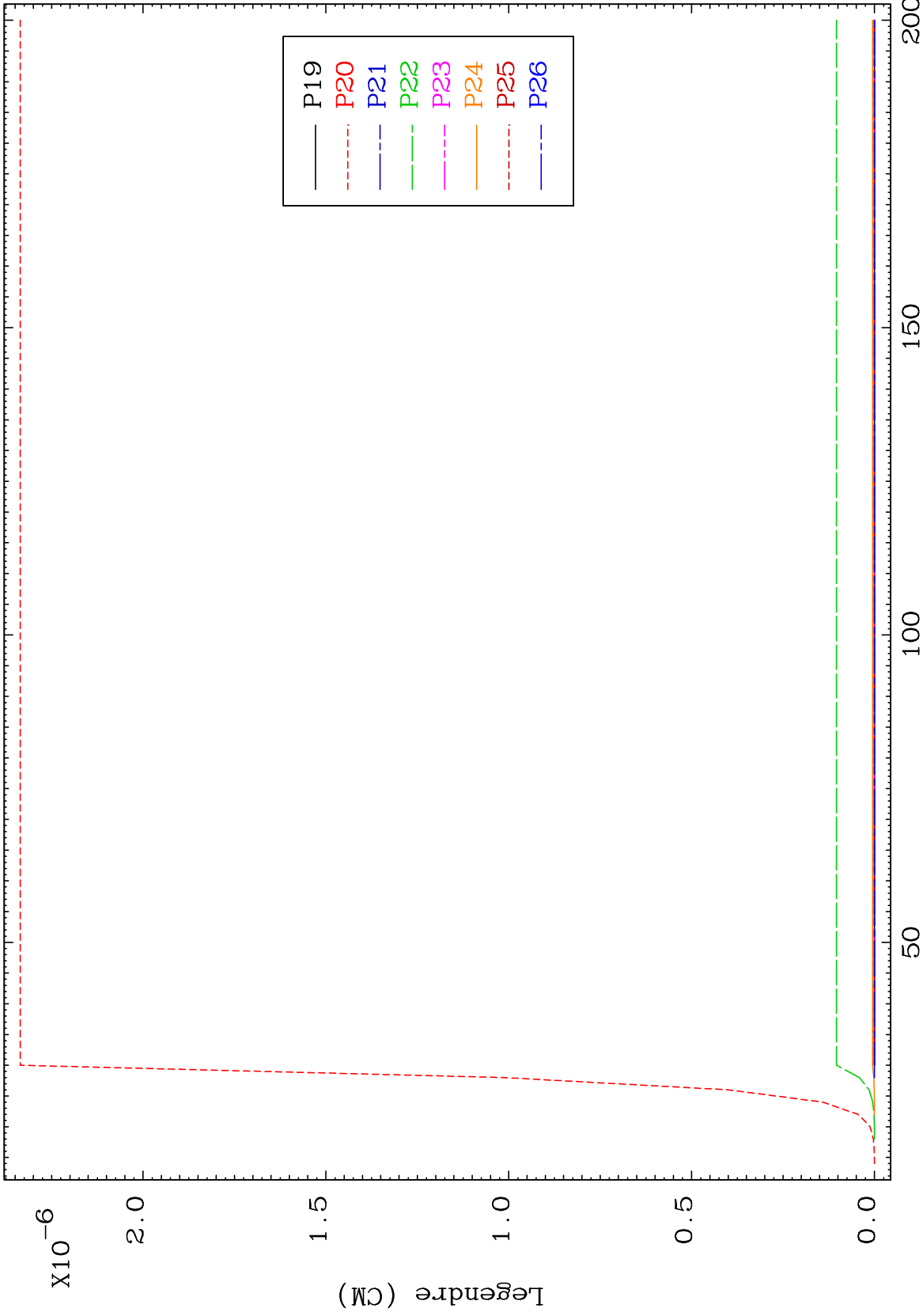
56-Ba-122



MAT 5601

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

56-Ba-122



40

50

100

150

200

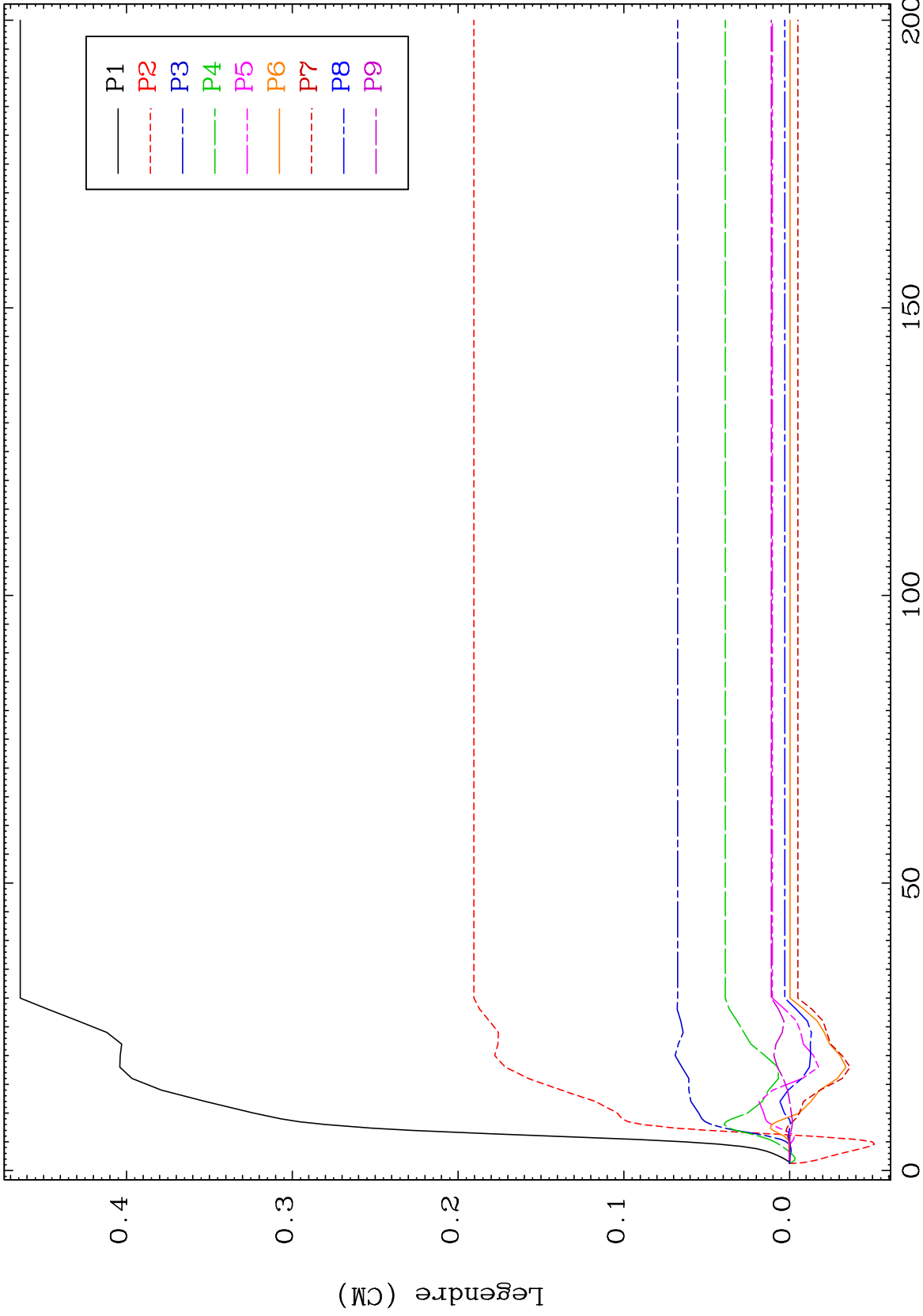
Incident Energy (MeV)

56-Ba-122

MAT 5601

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

56-Ba-122



41

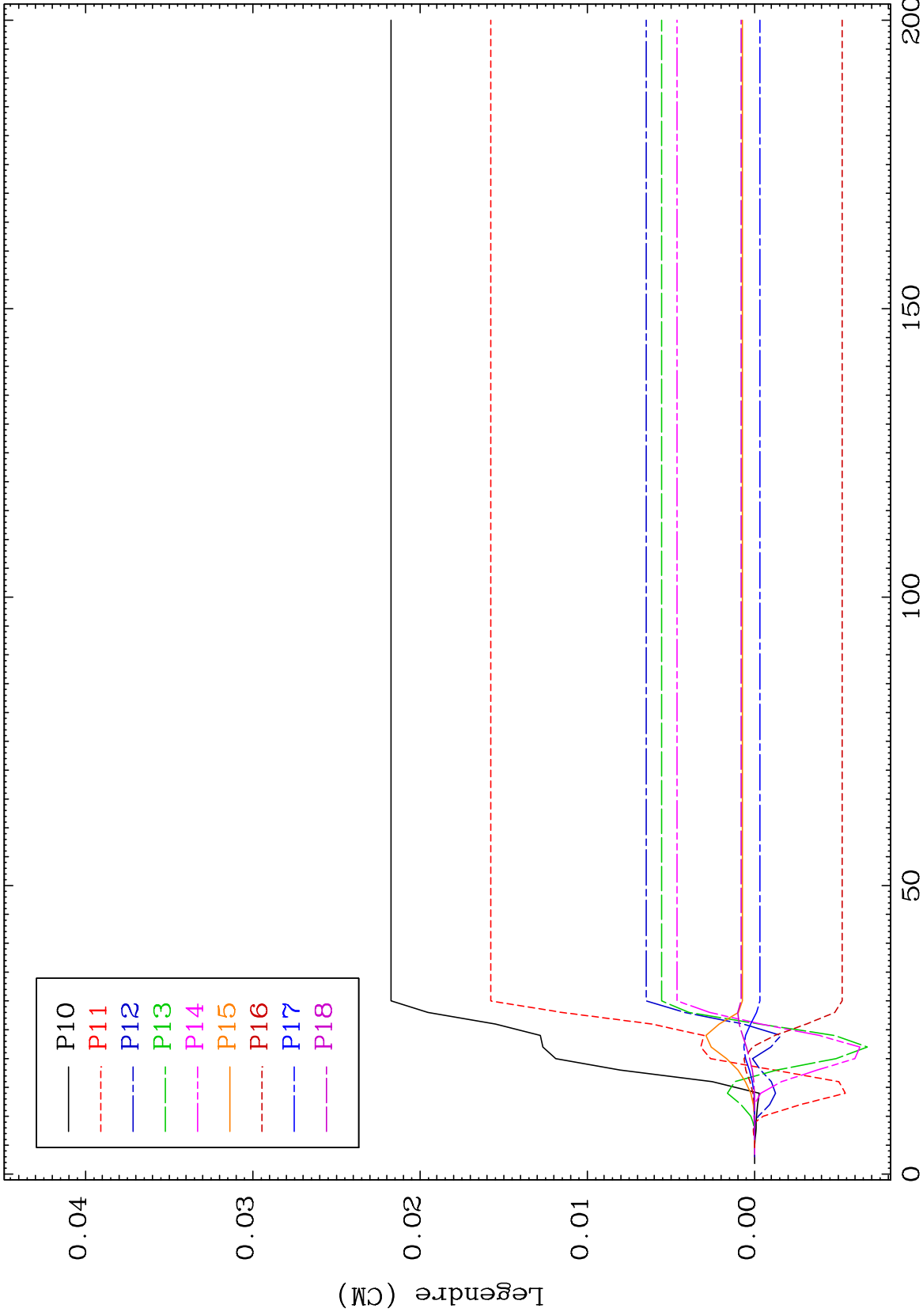
Incident Energy (MeV)

56-Ba-122

MAT 5601

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

56-Ba-122



42

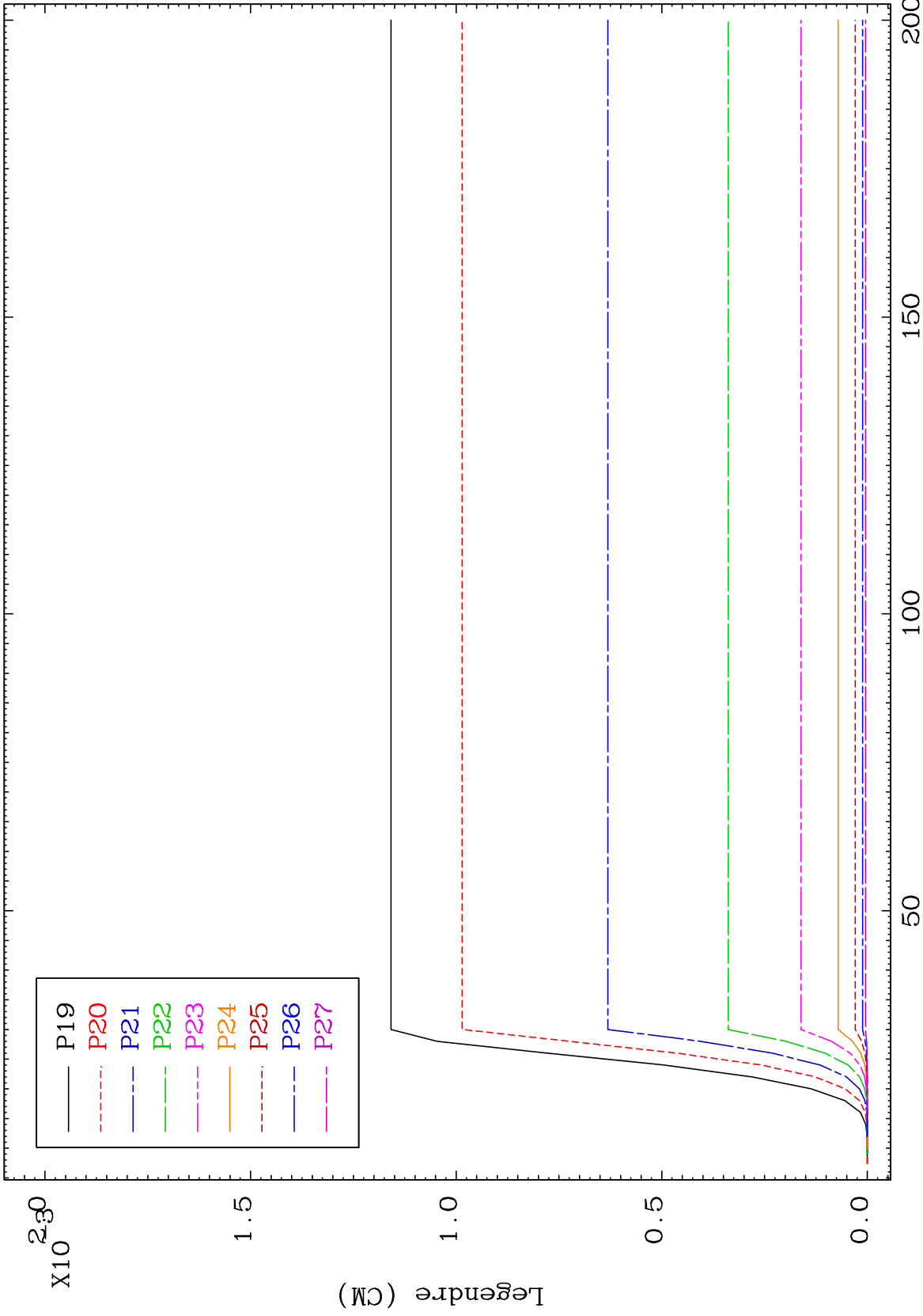
Incident Energy (MeV)

56-Ba-122

MAT 5601

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

56-Ba-122



43

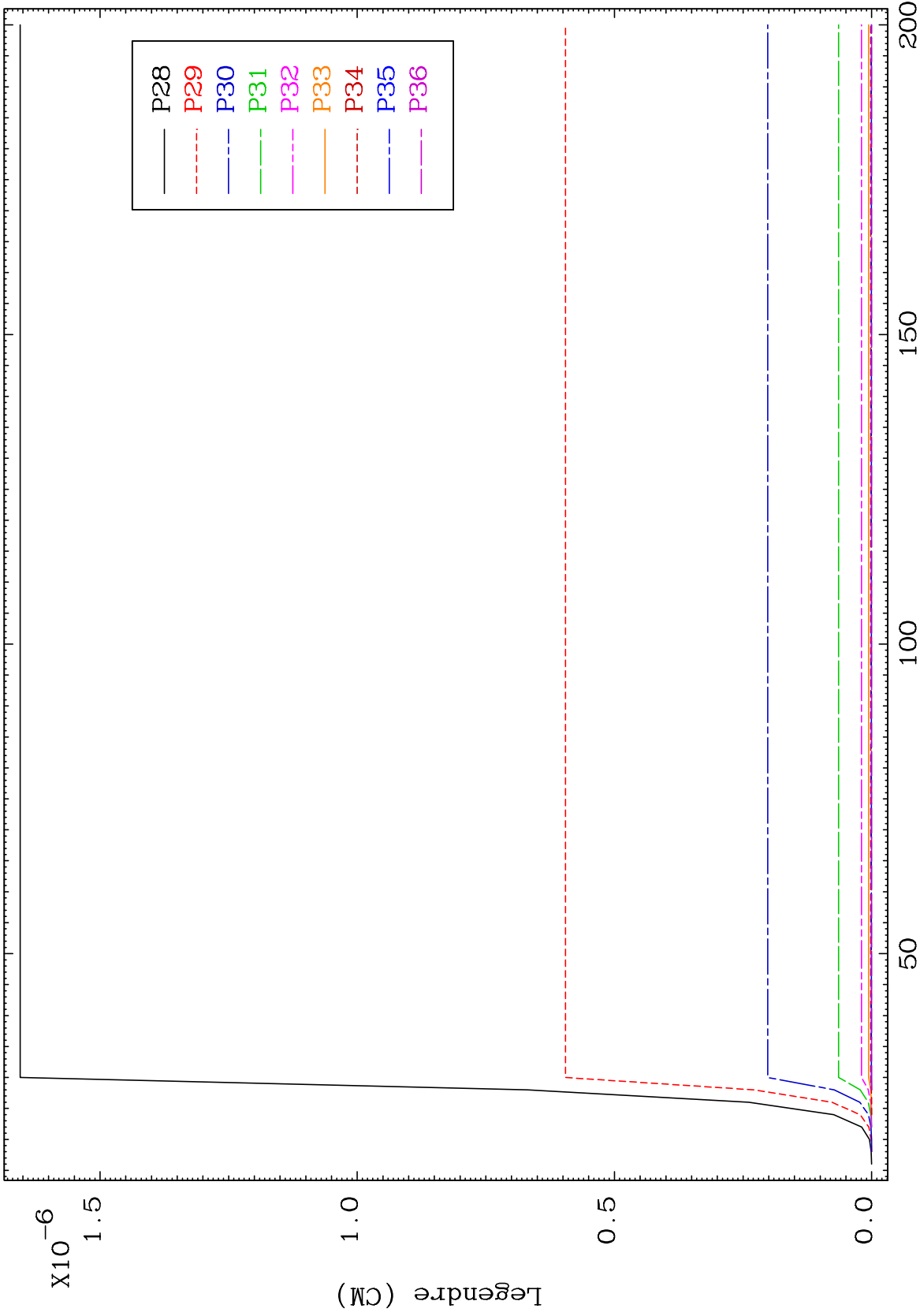
Incident Energy (MeV)

56-Ba-122

MAT 5601

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

56-Ba-122



44

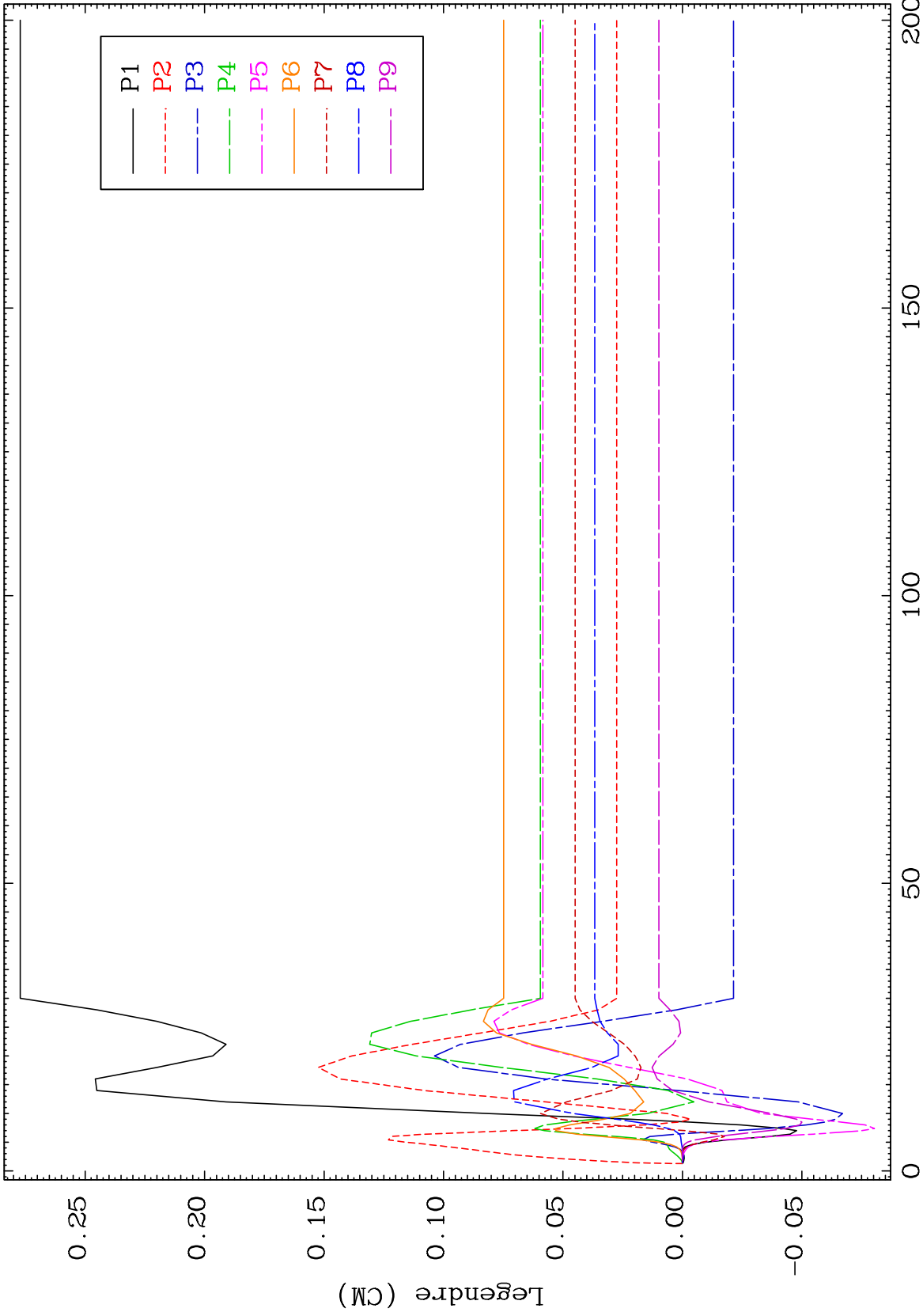
Incident Energy (MeV)

56-Ba-122

MAT 5601

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

56-Ba-122



45

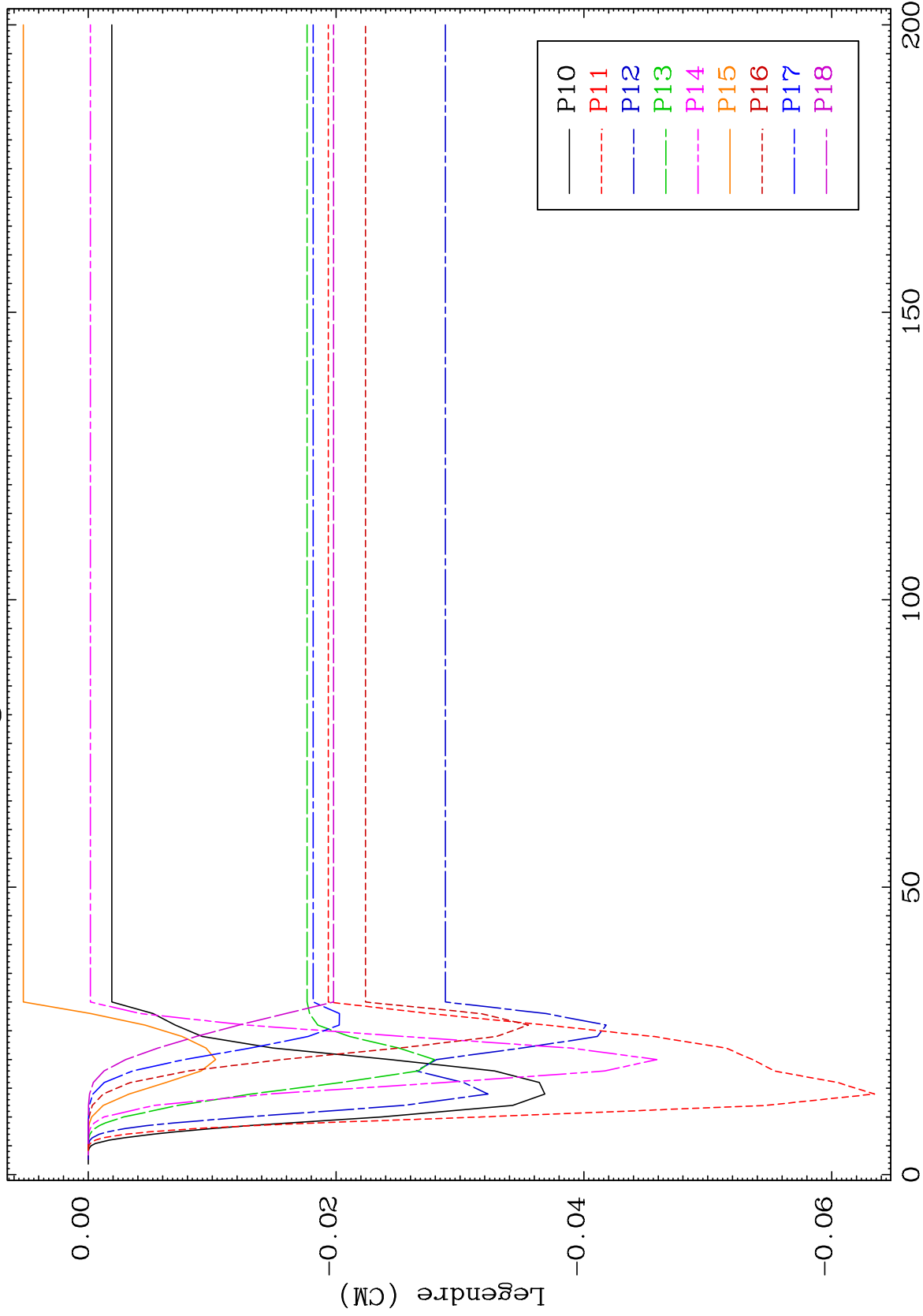
Incident Energy (MeV)

56-Ba-122

MAT 5601

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

56-Ba-122

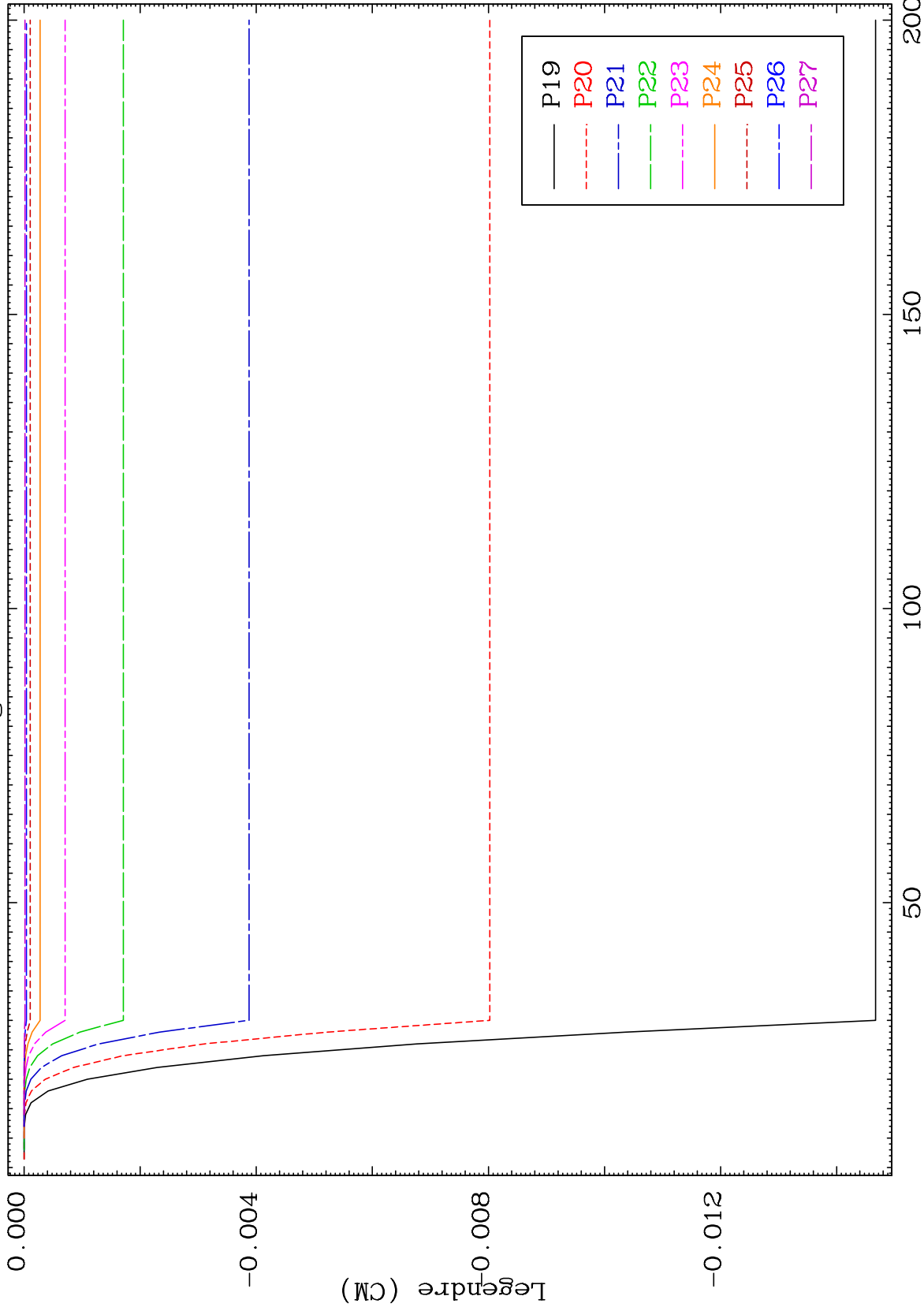


46

Incident Energy (MeV)

56-Ba-122

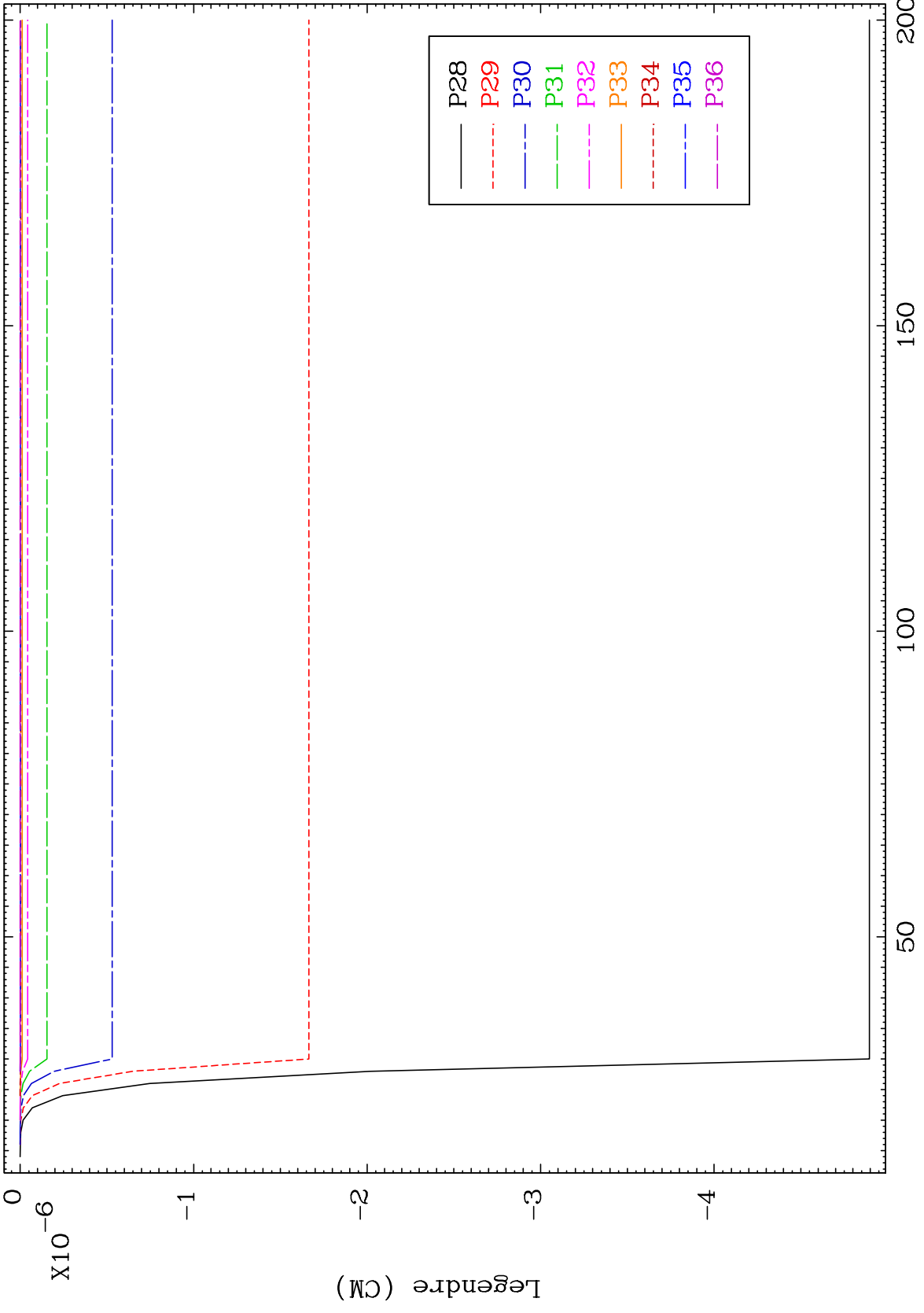
MAT 5601 MT= 58 (n,n') Level Legendre Coefficients 56-Ba-122



47 56-Ba-122



MAT 5601 MT= 58 (n,n') Level Legendre Coefficients 56-Ba-122

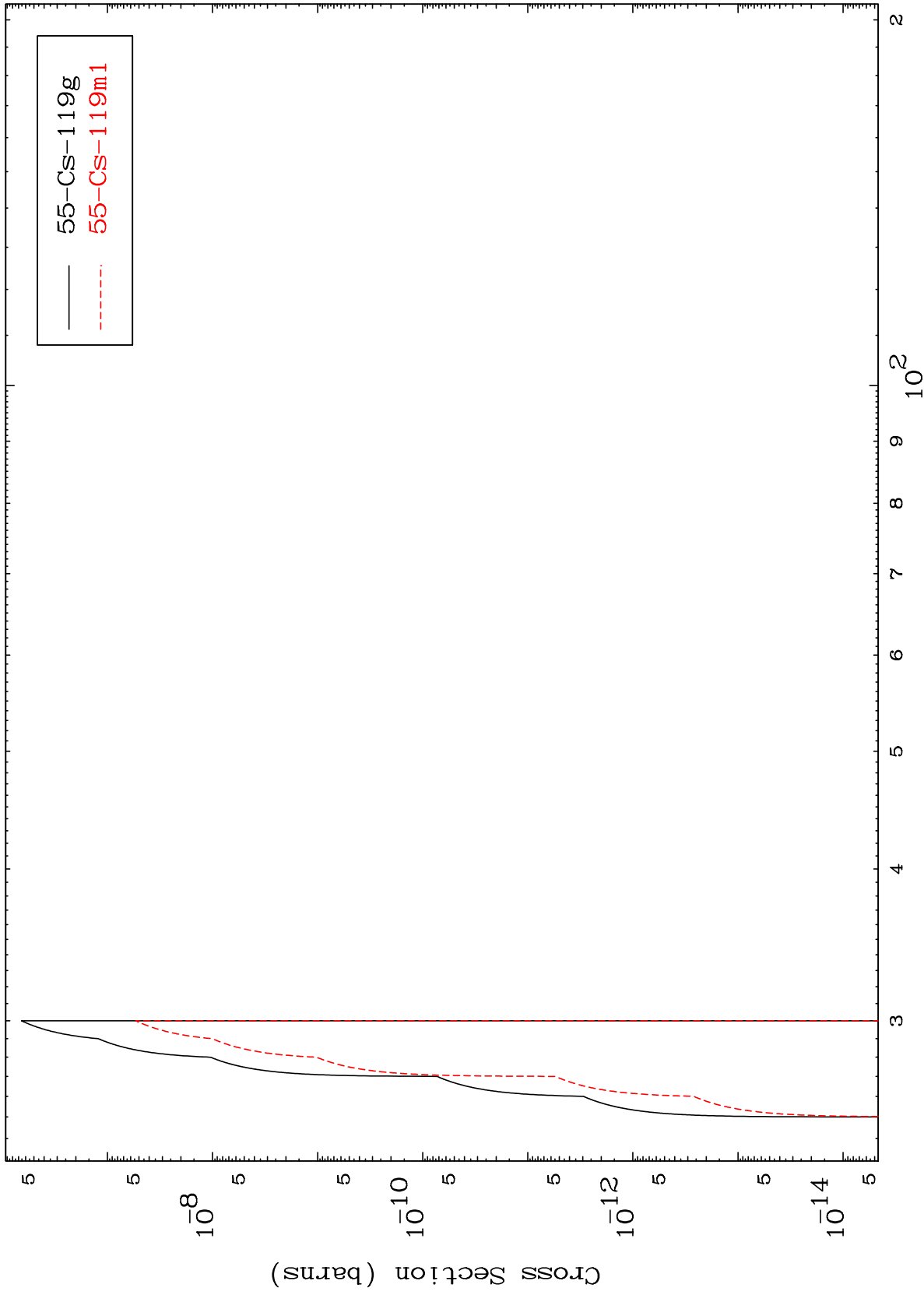


MAT 5601

(n,2n) d

56-Ba-122

Radionuclide Production Cross Section



49

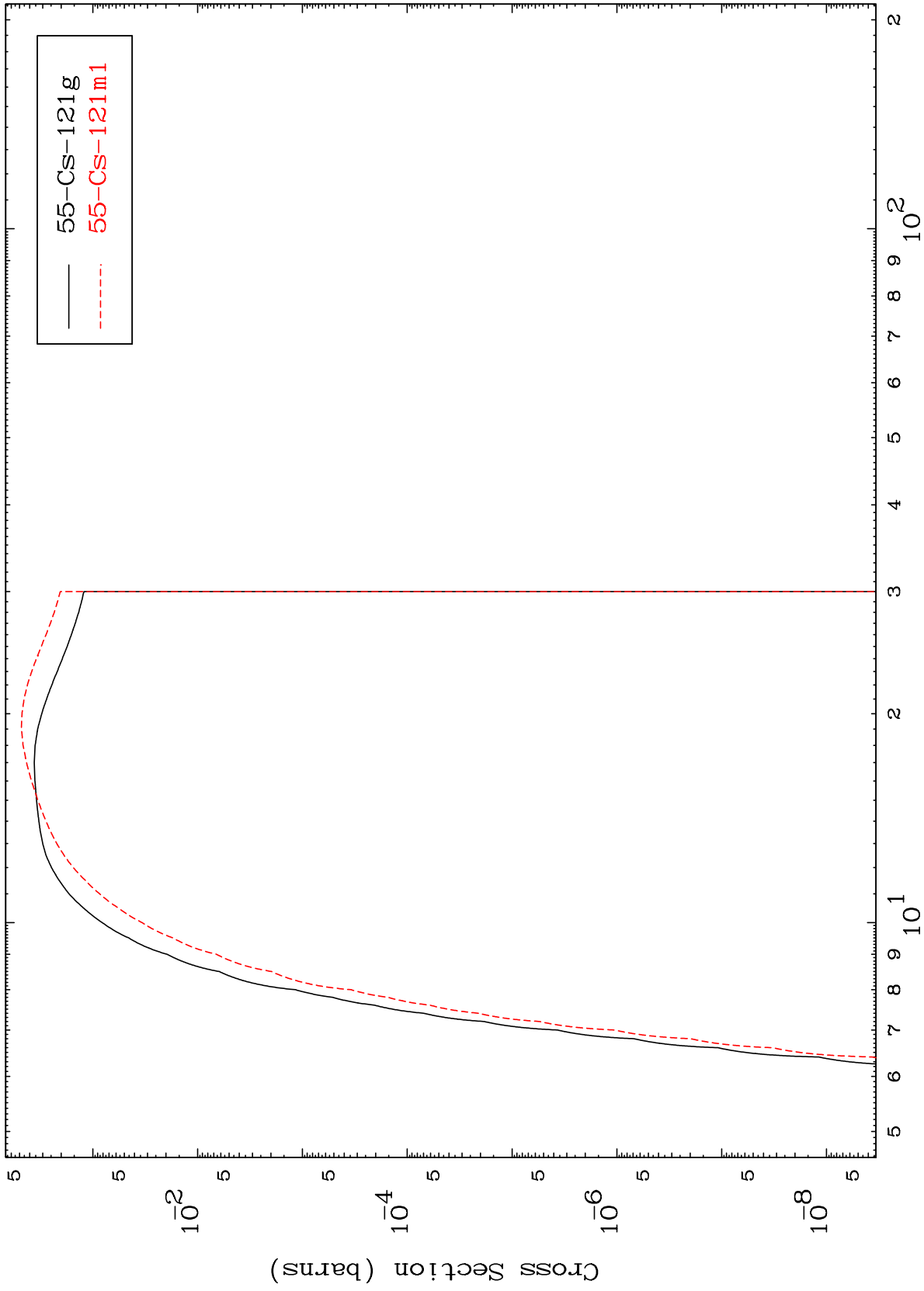
Incident Energy (MeV)

56-Ba-122

MAT 5601

56-Ba-122

(n,n') p  
Radionuclide Production Cross Section



50

Incident Energy (MeV)

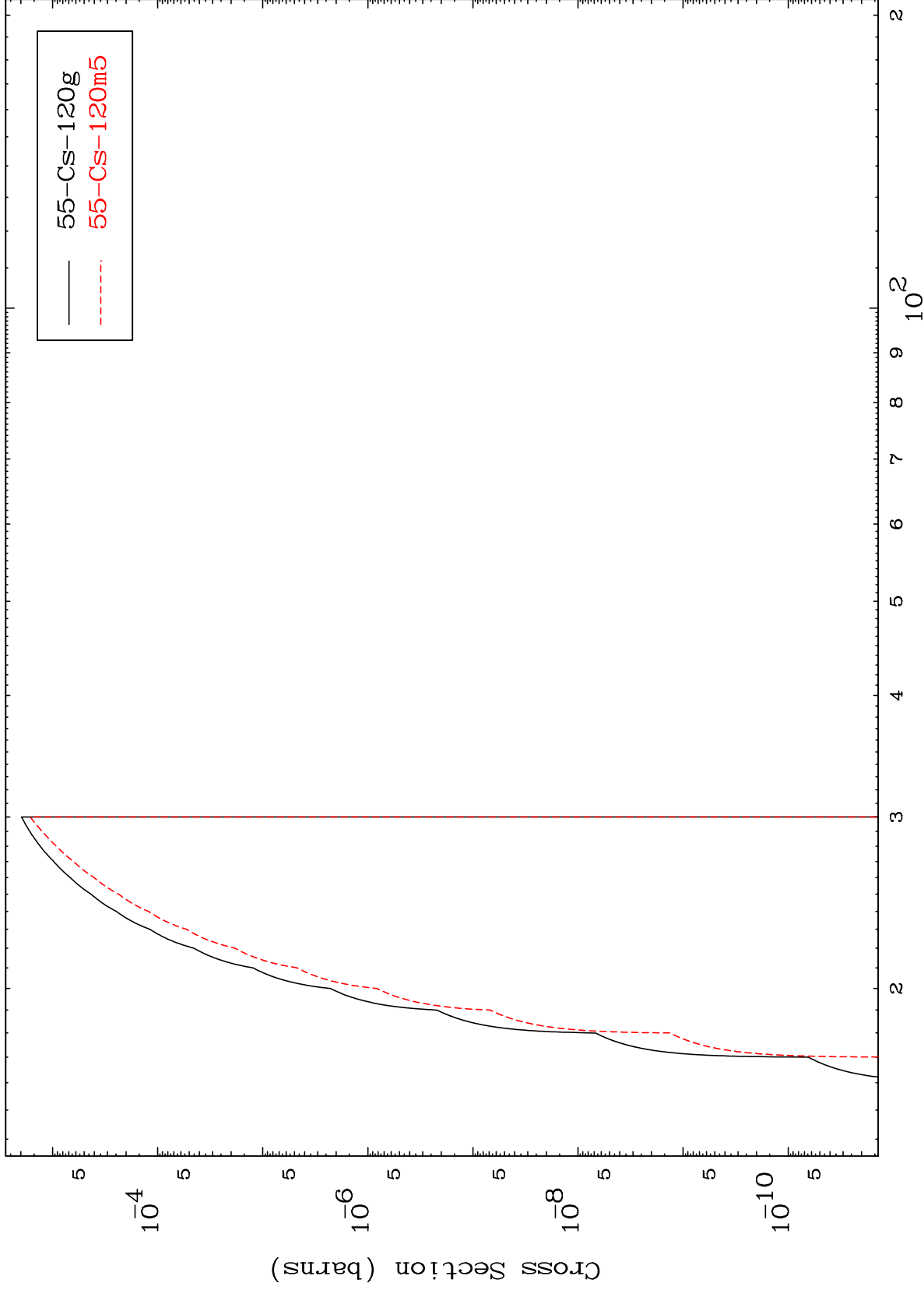
56-Ba-122

MAT 5601

(n,n') d

56-Ba-122

Radionuclide Production Cross Section



51

Incident Energy (MeV)

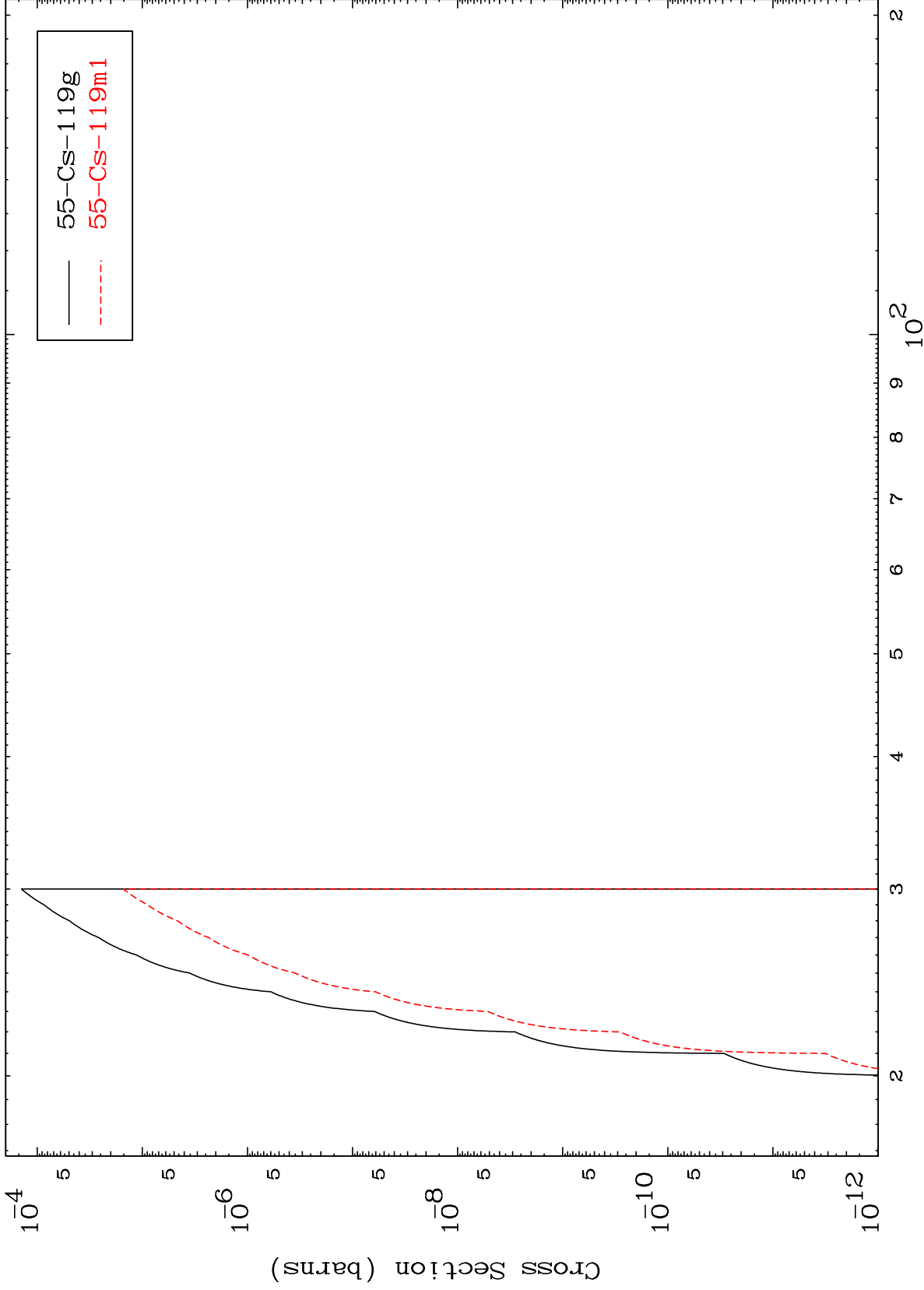
56-Ba-122

MAT 5601

(n,n') t

56-Ba-122

Radionuclide Production Cross Section



52

Incident Energy (MeV)

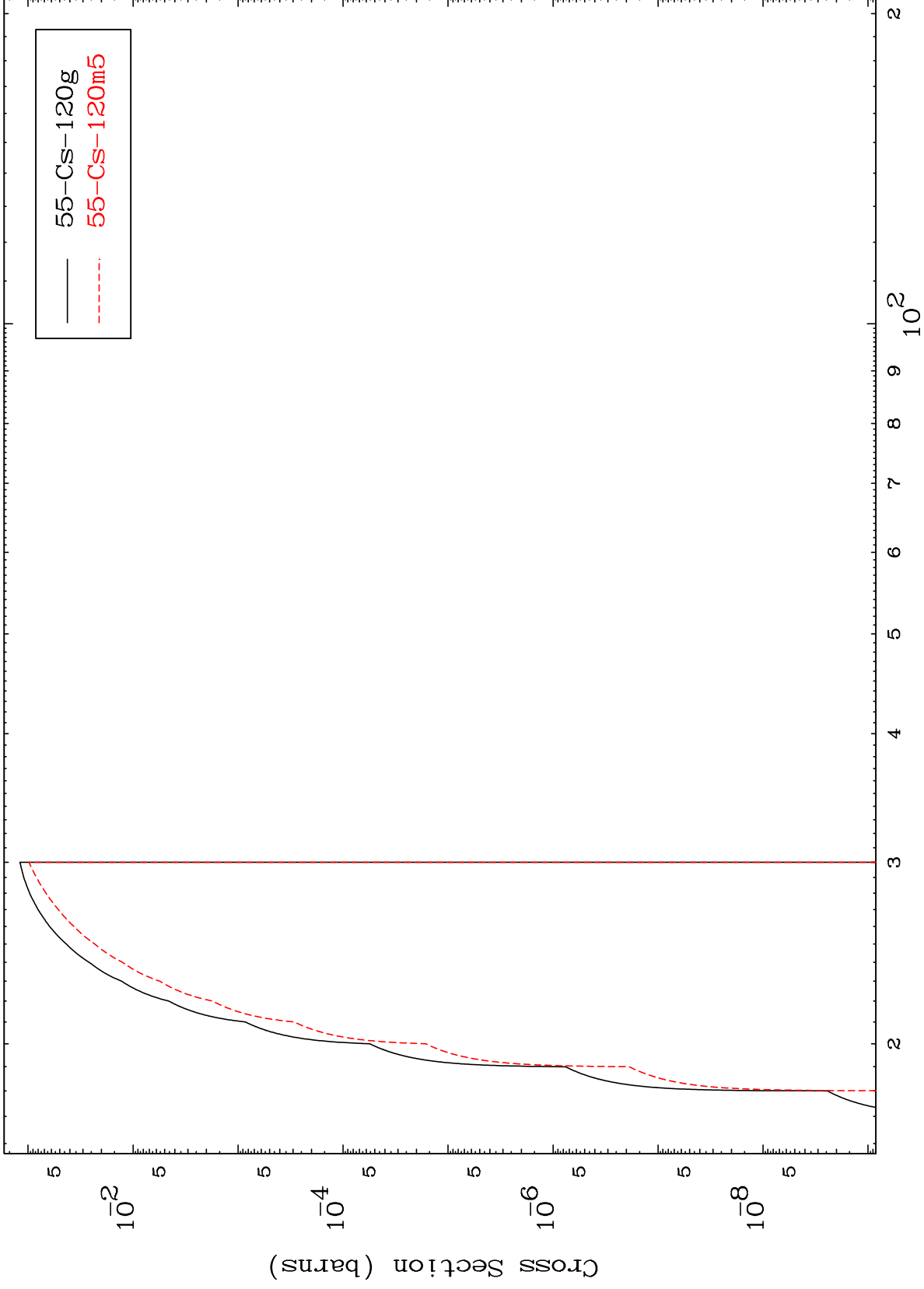
56-Ba-122

MAT 5601

(n,2n) p

56-Ba-122

Radionuclide Production Cross Section



53

Incident Energy (MeV)

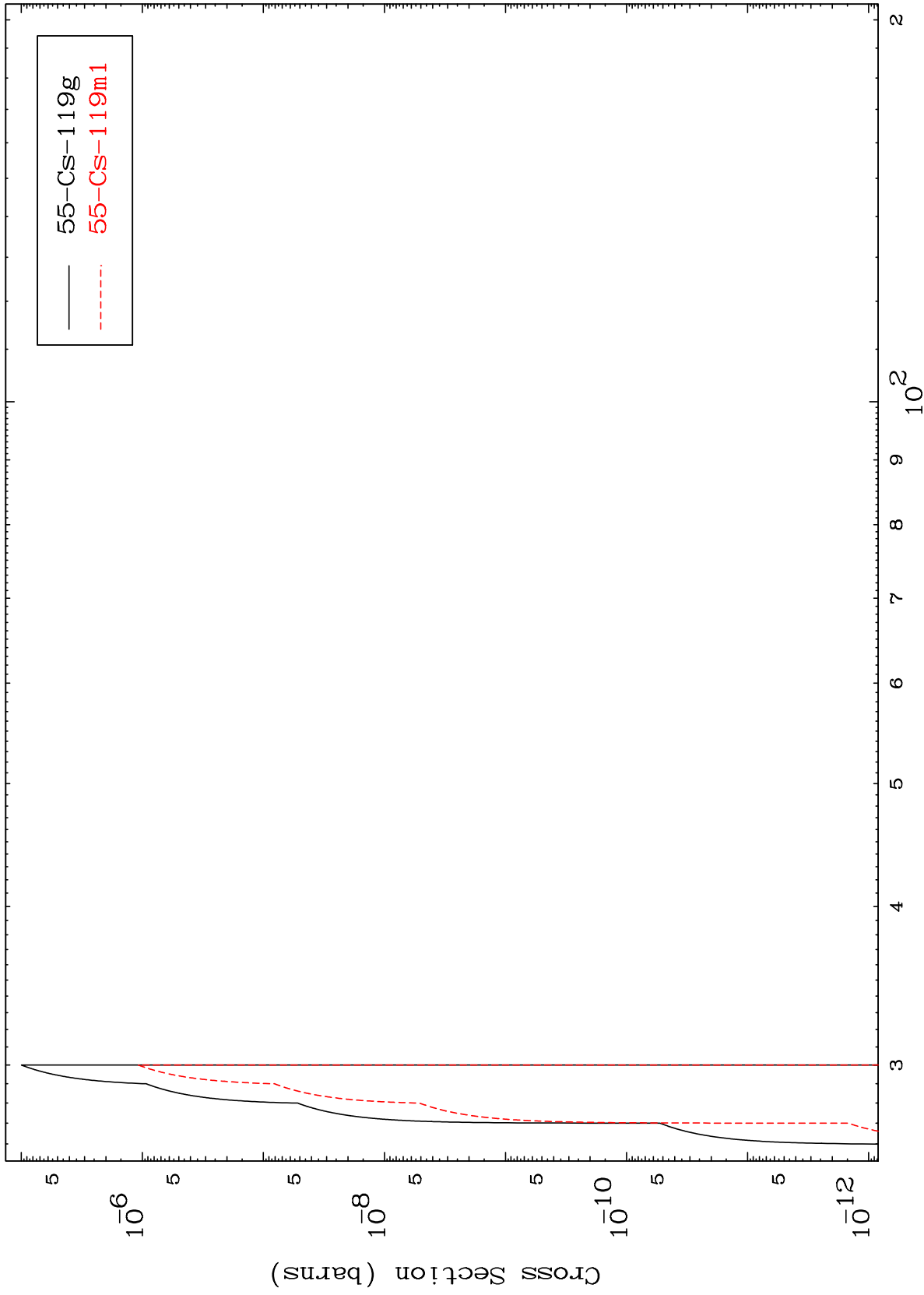
56-Ba-122

MAT 5601

(n,3n) p

56-Ba-122

Radionuclide Production Cross Section



54

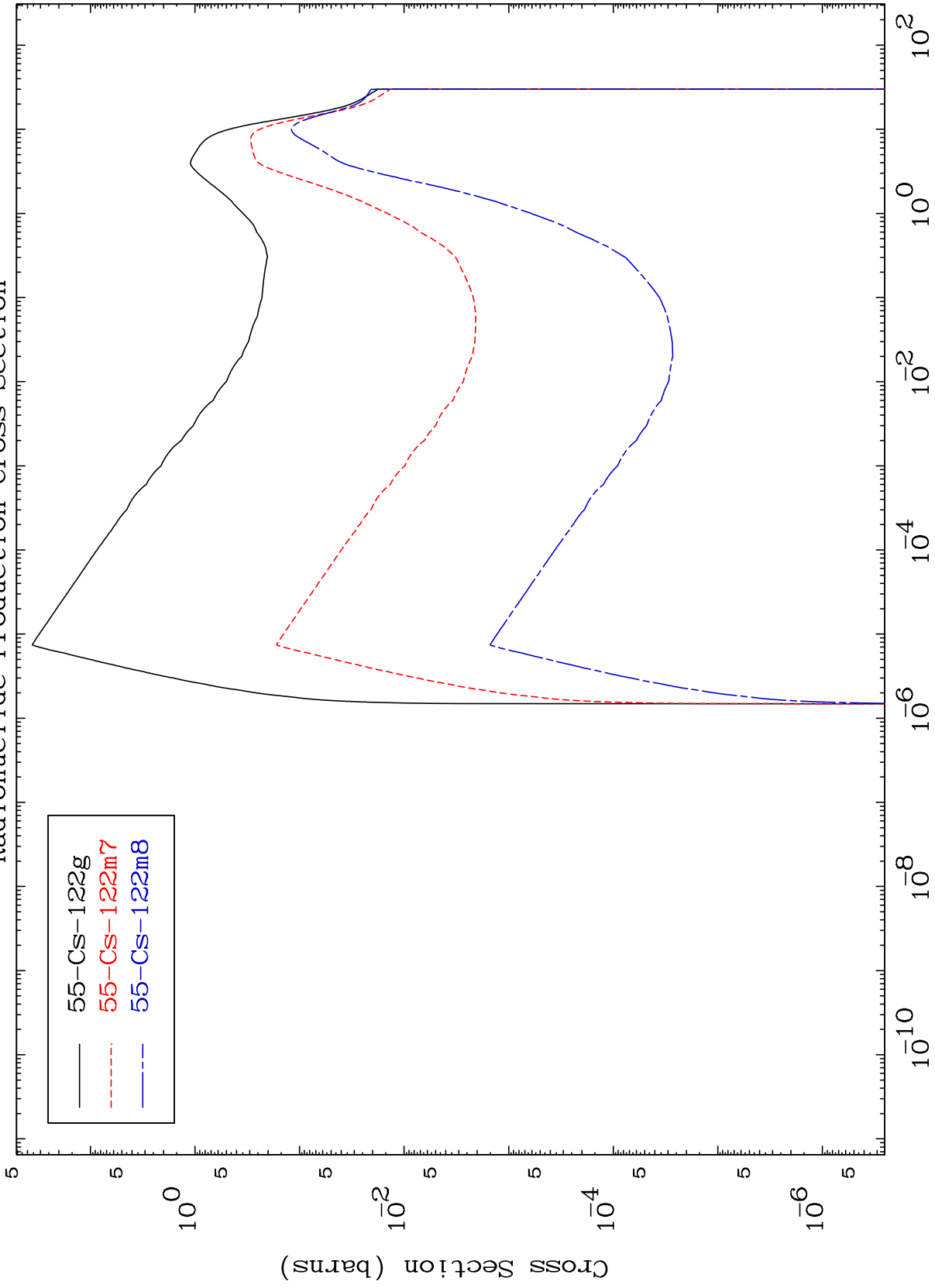
Incident Energy (MeV)

56-Ba-122

MAT 5601

Radionuclide Production Cross Section  
(n,p)

56-Ba-122



55

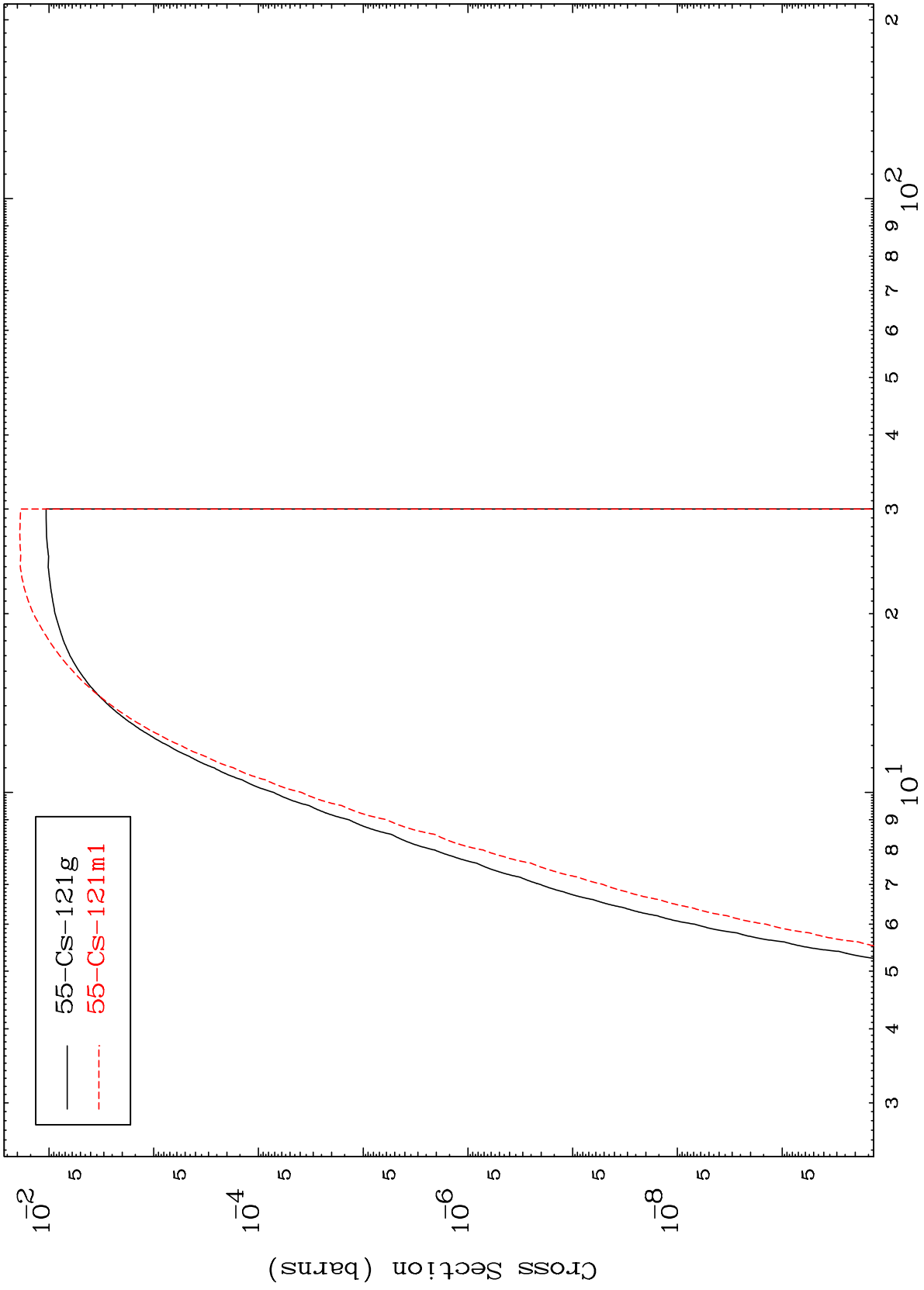
56-Ba-122



MAT 5601

56-Ba-122

(n,d)  
Radionuclide Production Cross Section



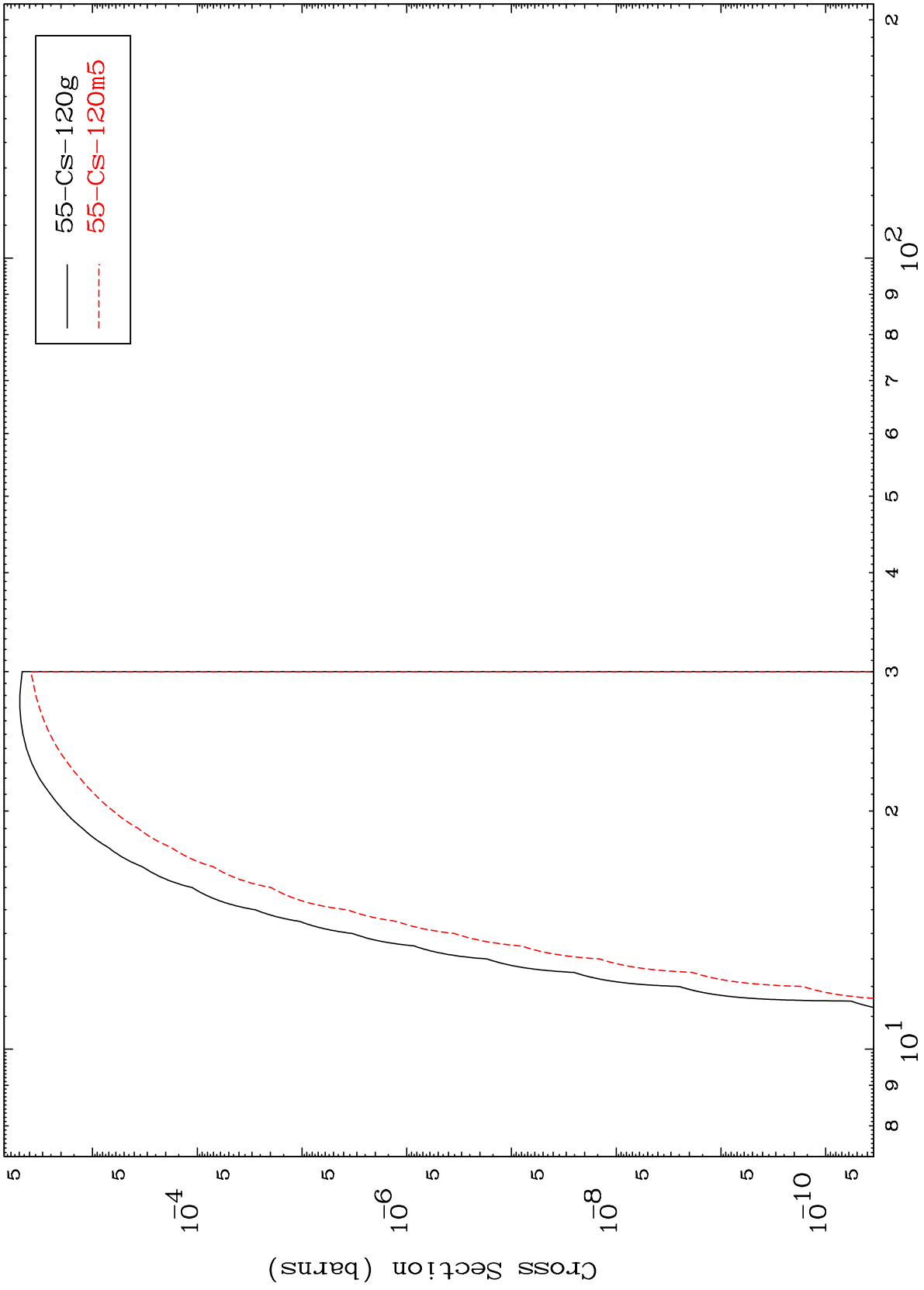
56

56-Ba-122

MAT 5601

56-Ba-122

(n, t)  
Radionuclide Production Cross Section



57

Incident Energy (MeV)

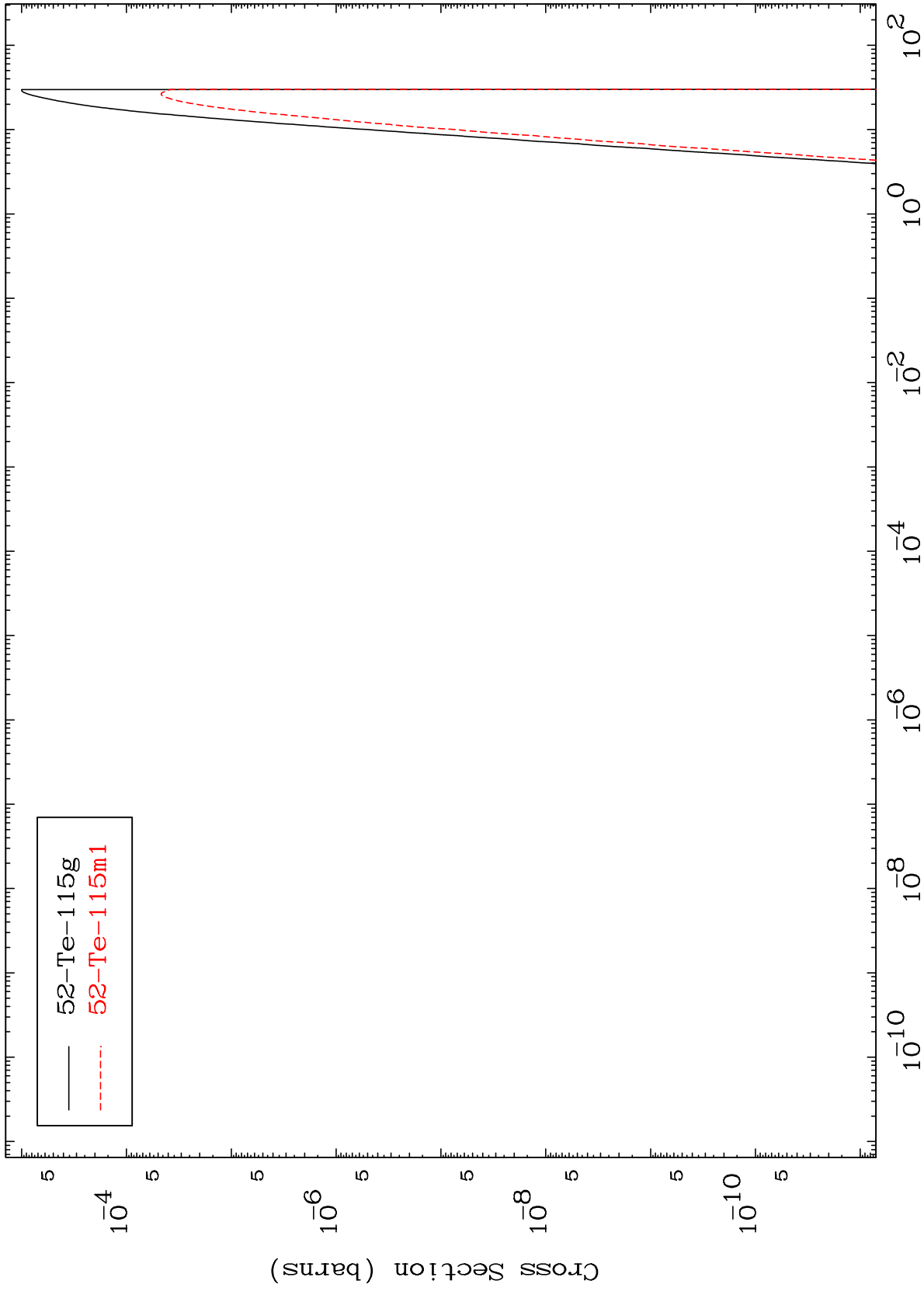
56-Ba-122

MAT 5601

(n,2α)

56-Ba-122

Radionuclide Production Cross Section



58

Incident Energy (MeV)

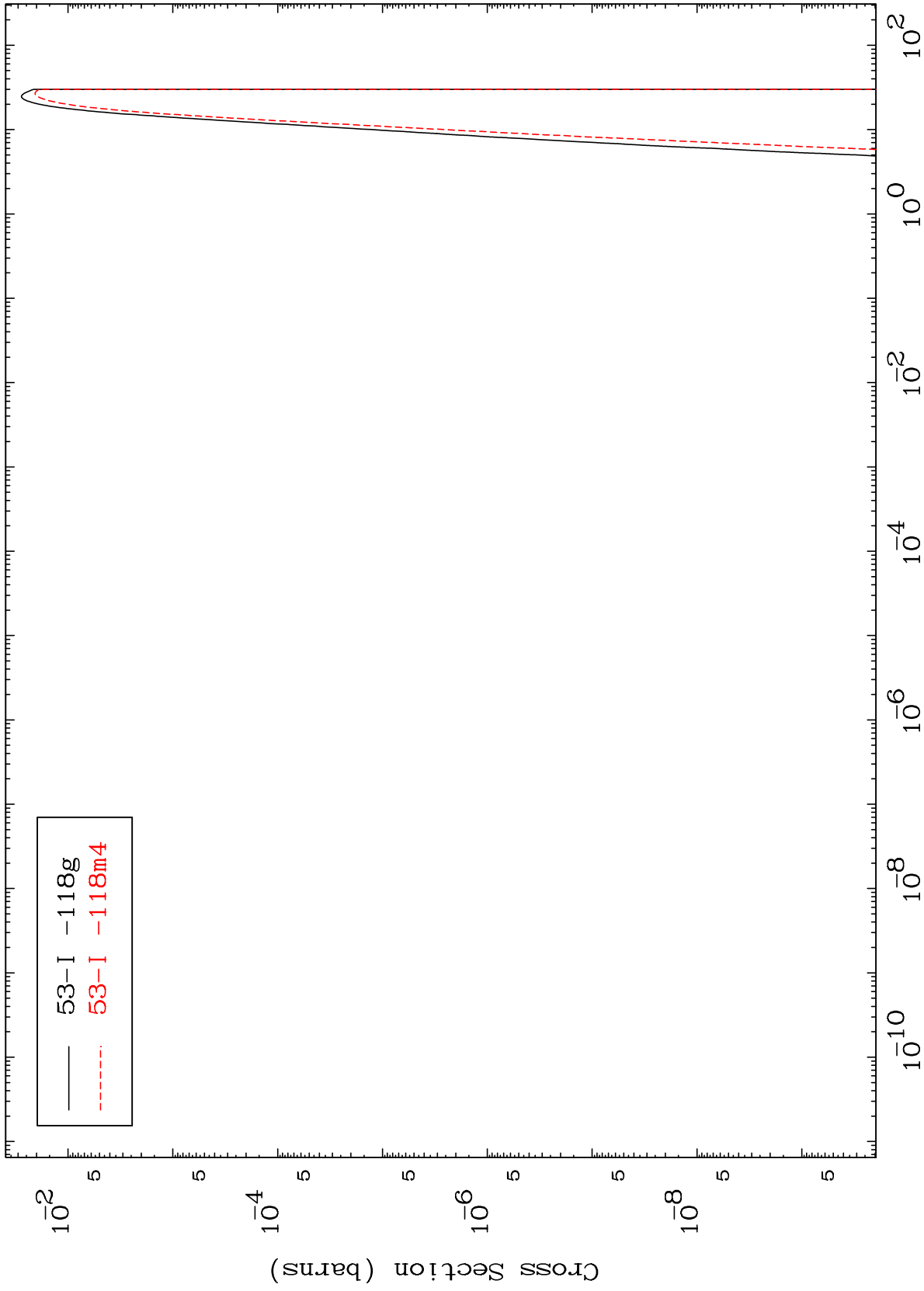
56-Ba-122

MAT 5601

(n,p)  $\alpha$

56-Ba-122

Radionuclide Production Cross Section



59

Incident Energy (MeV)

56-Ba-122