

Program EVALPLOT  
(Version 2018-1)

by

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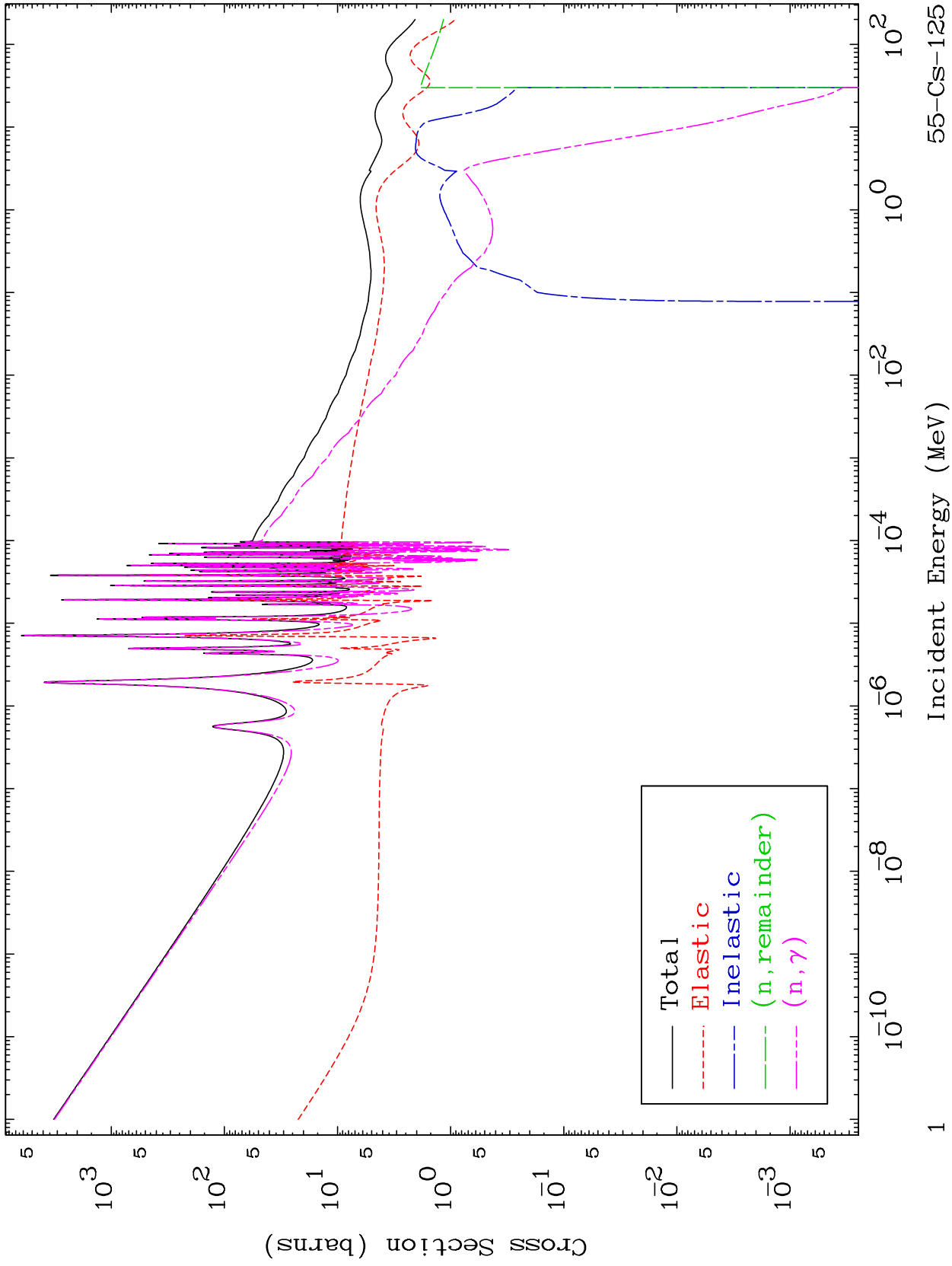
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5501

Major  
293 Kelvin Cross Sections

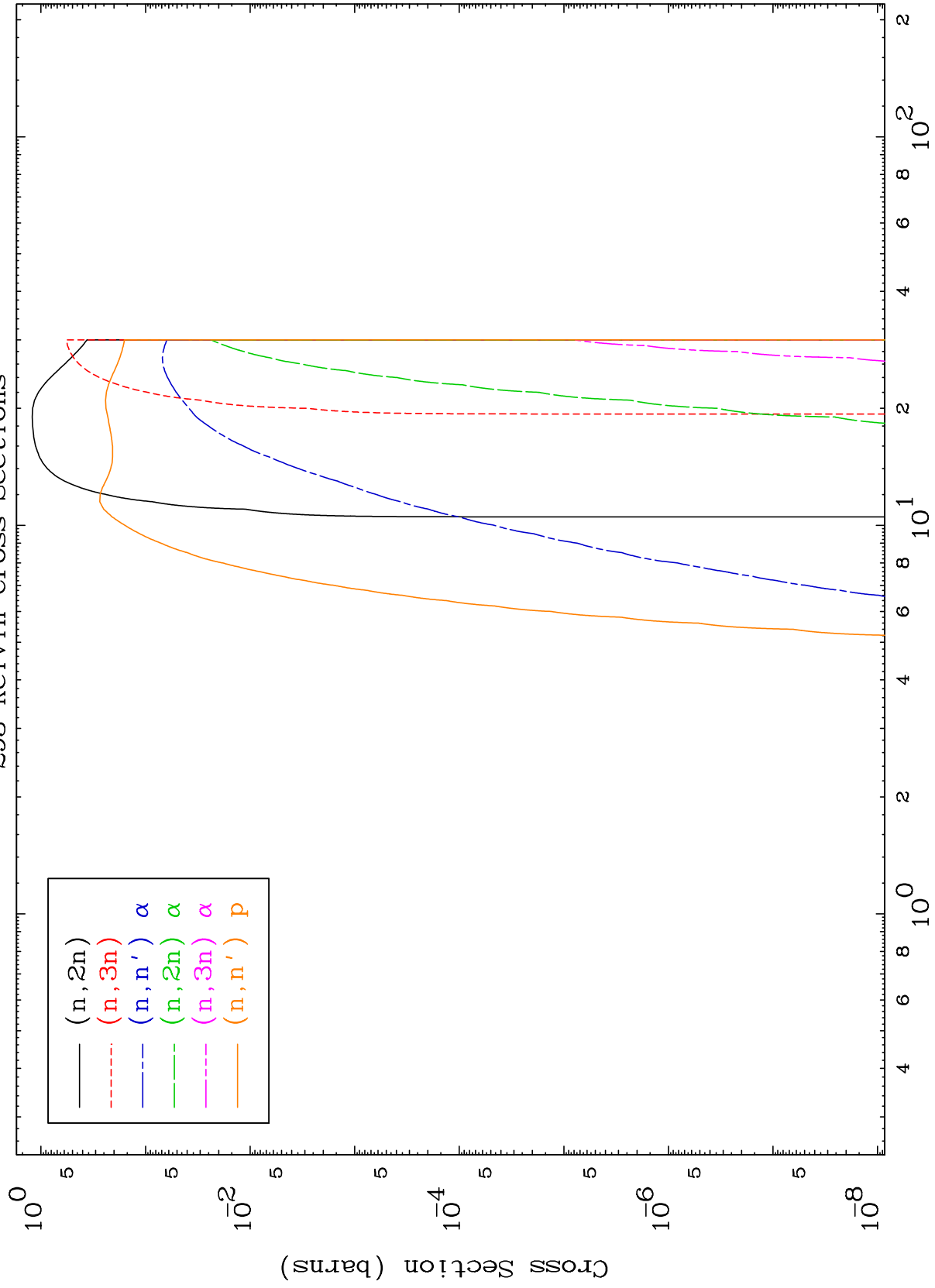
55-Cs-125



MAT 5501

Neutron Production  
293 Kelvin Cross Sections

55-Cs-125



2

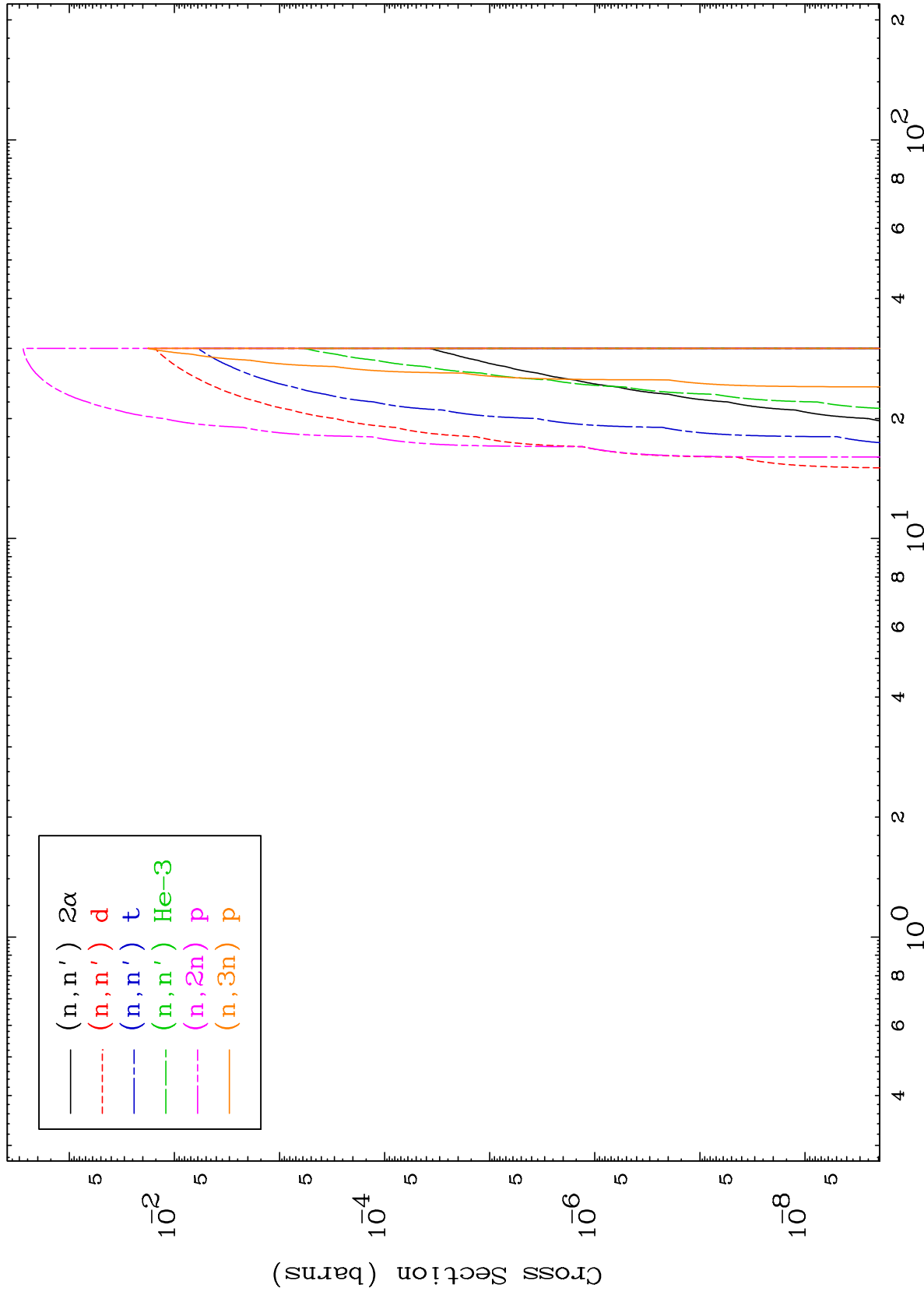
Incident Energy (MeV)

55-Cs-125

MAT 5501

Neutron Production  
293 Kelvin Cross Sections

55-Cs-125



3

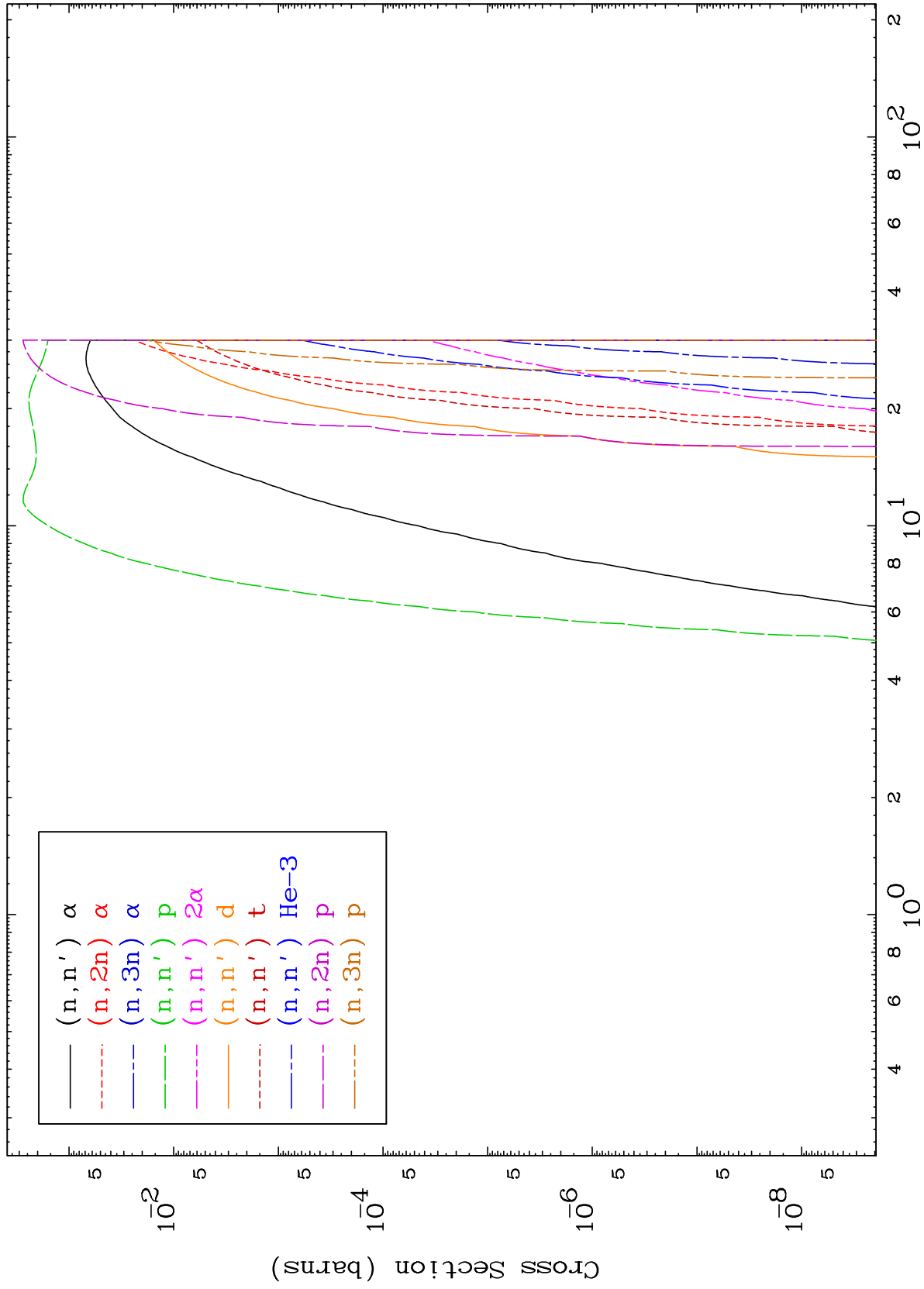
Incident Energy (MeV)

55-Cs-125

MAT 5501

Charged Particle  
293 Kelvin Cross Sections

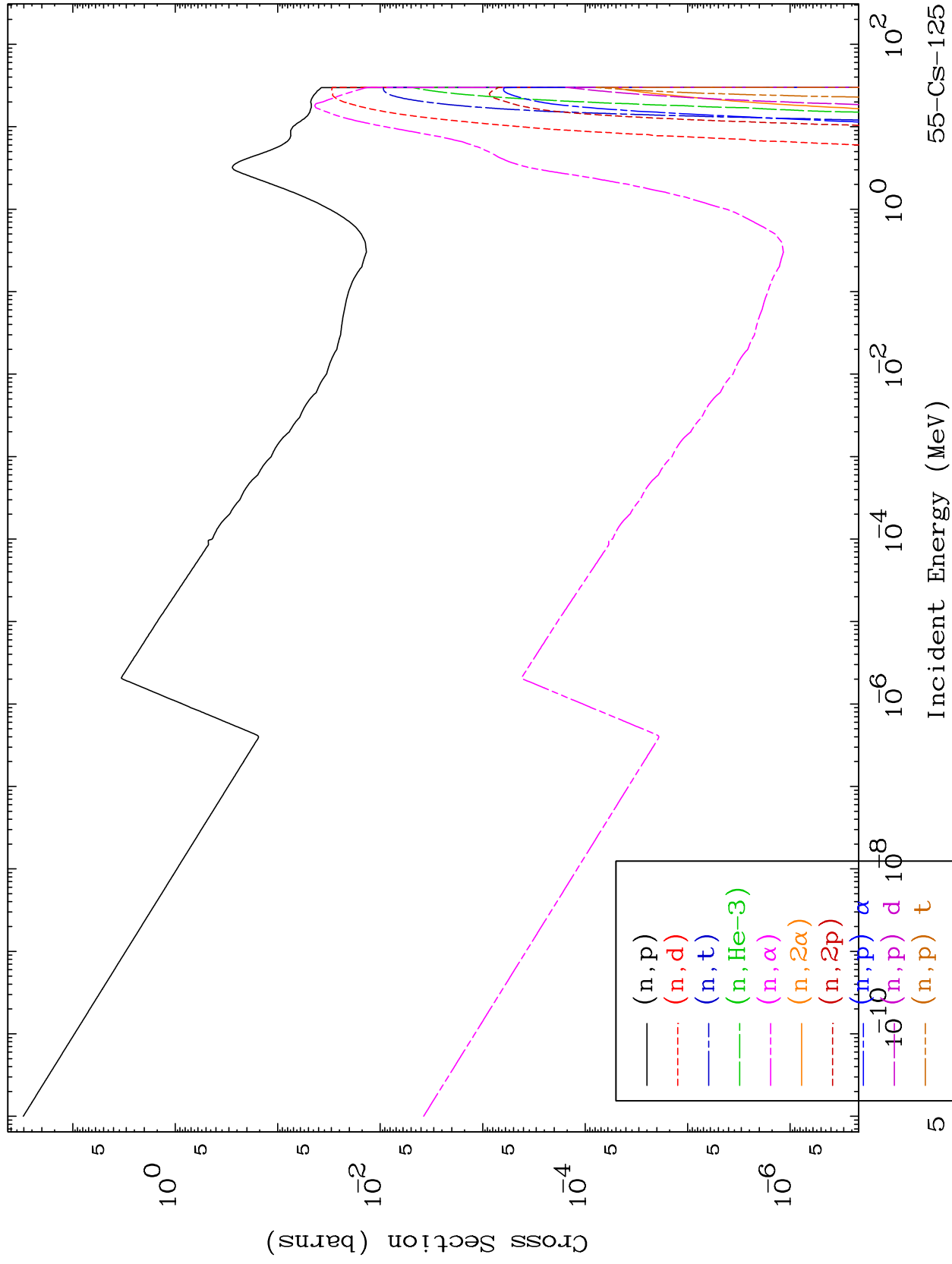
55-Cs-125



MAT 5501

293 Kelvin Cross Sections

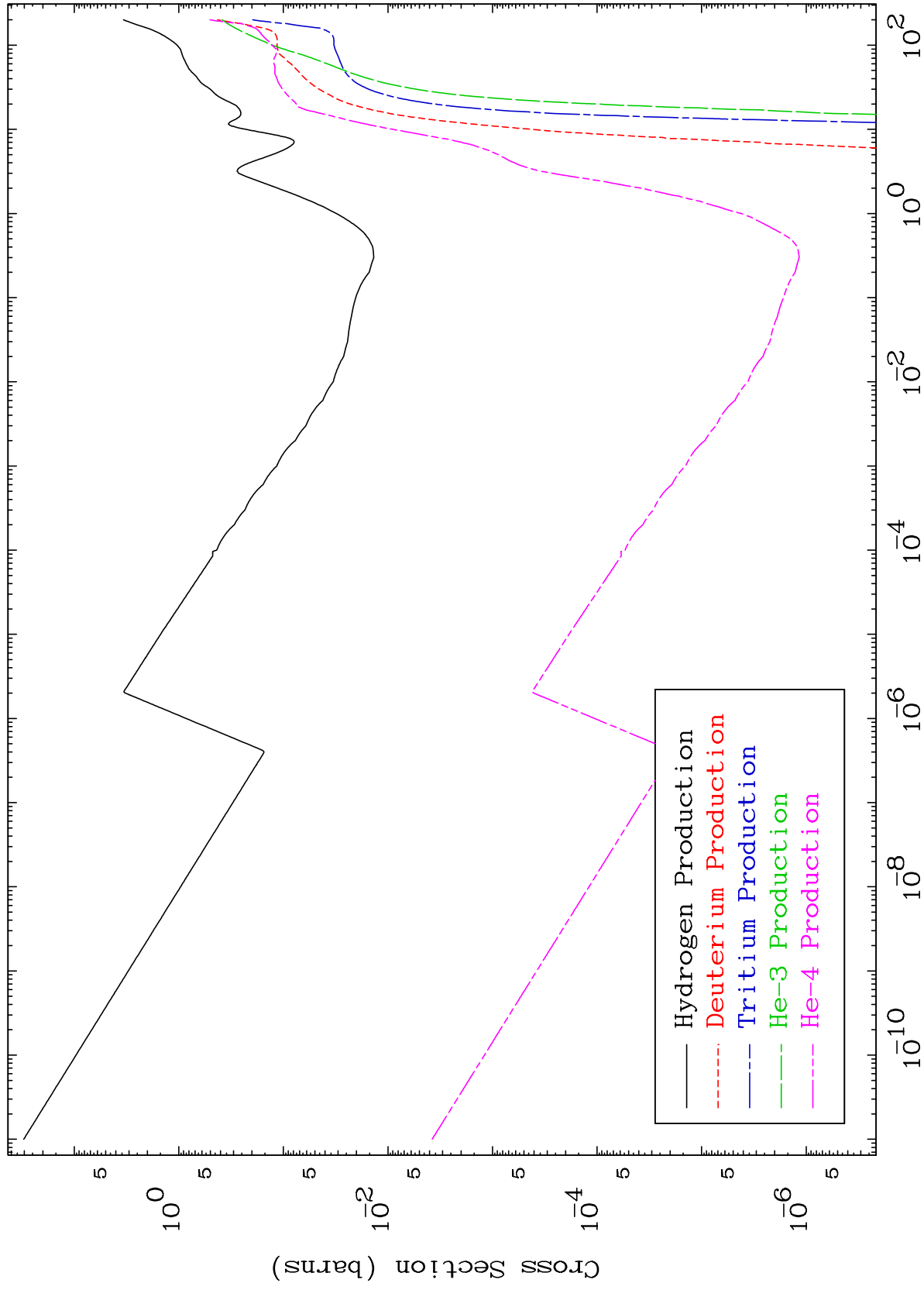
55-Cs-125



MAT 5501

Particle Production  
293 Kelvin Cross Sections

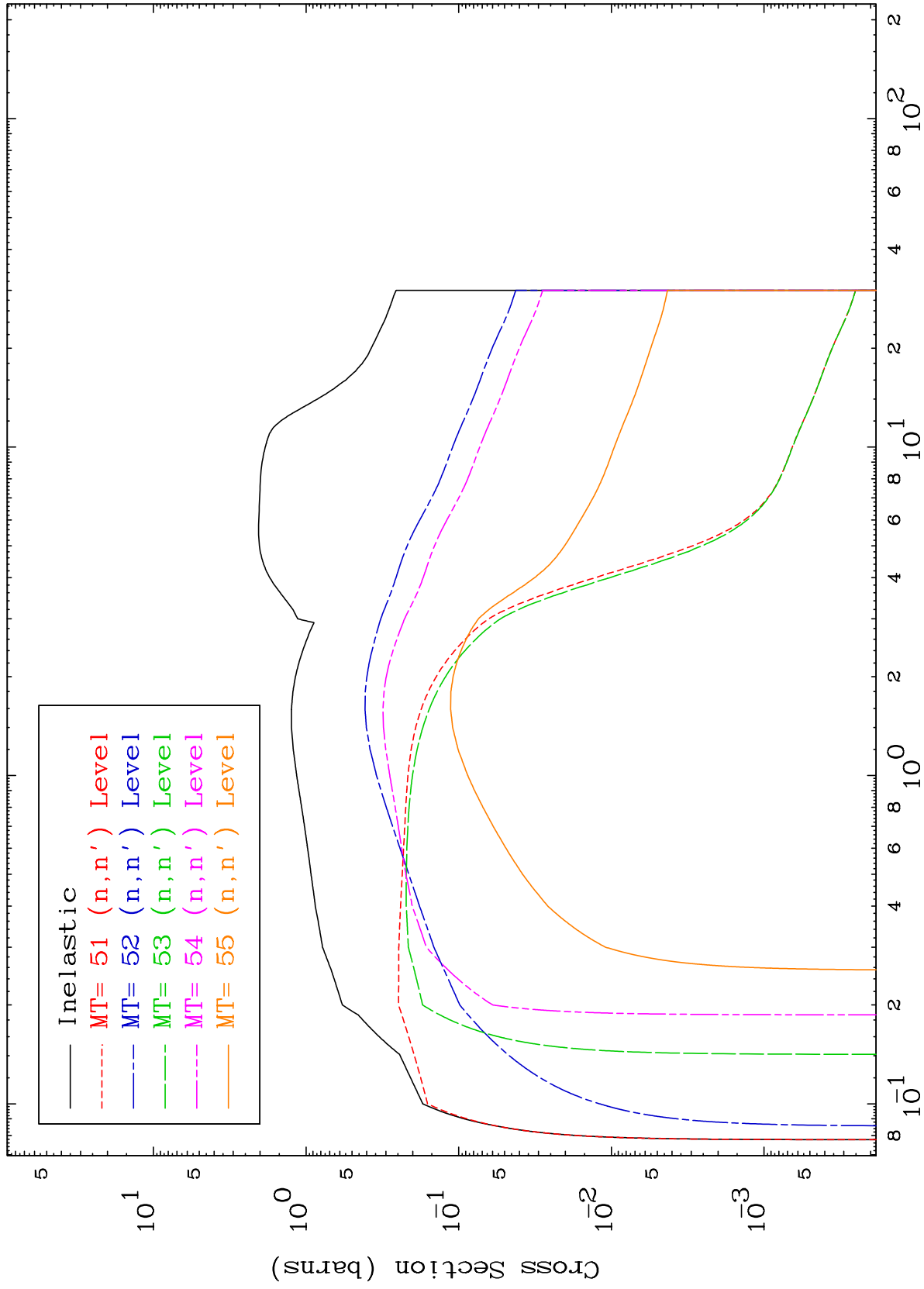
55-Cs-125



MAT 5501

(n,n') Level  
293 Kelvin Cross Sections

55-Cs-125



7

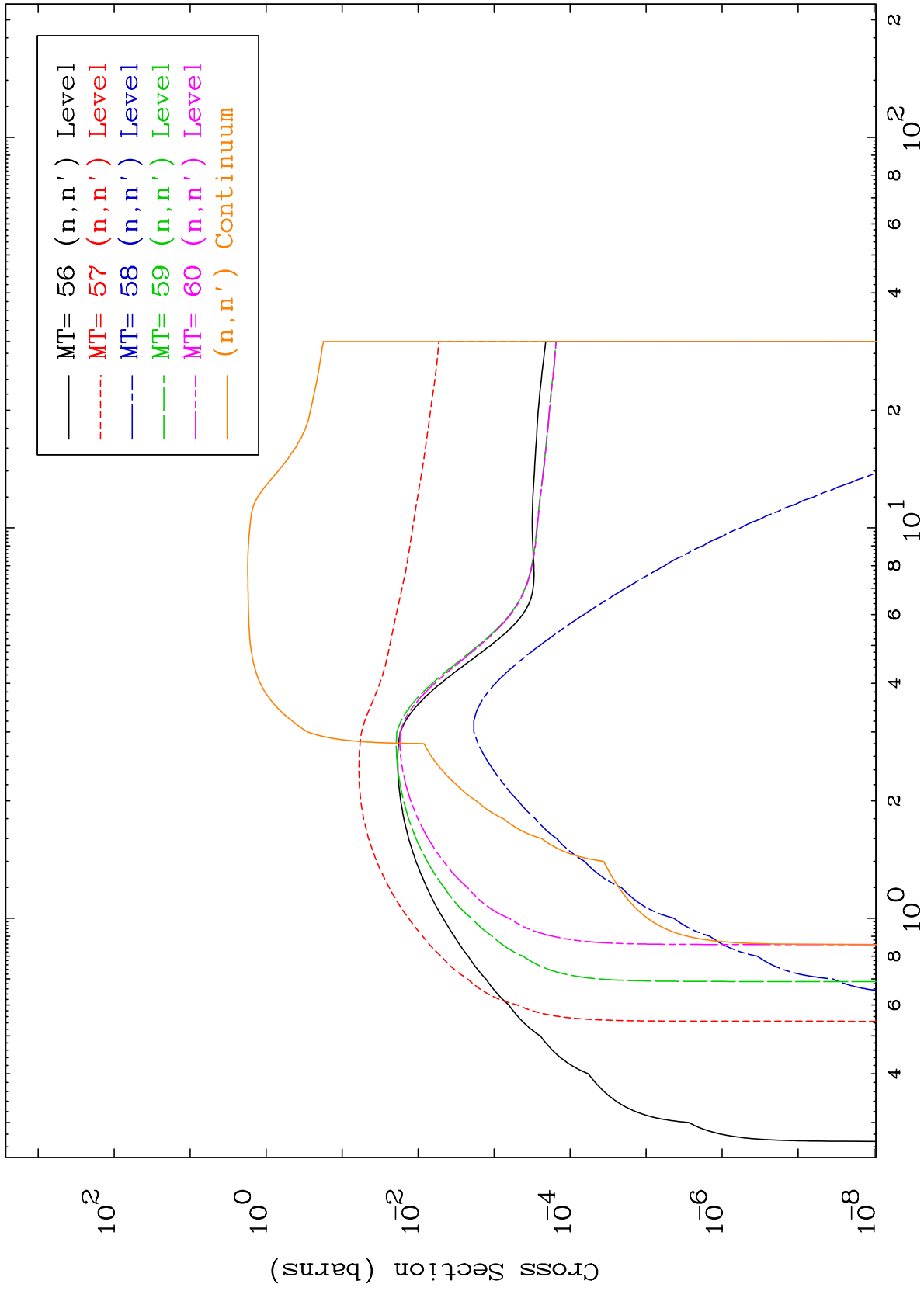
Incident Energy (MeV)

55-Cs-125

MAT 5501

(n,n') Level  
293 Kelvin Cross Sections

55-Cs-125



8

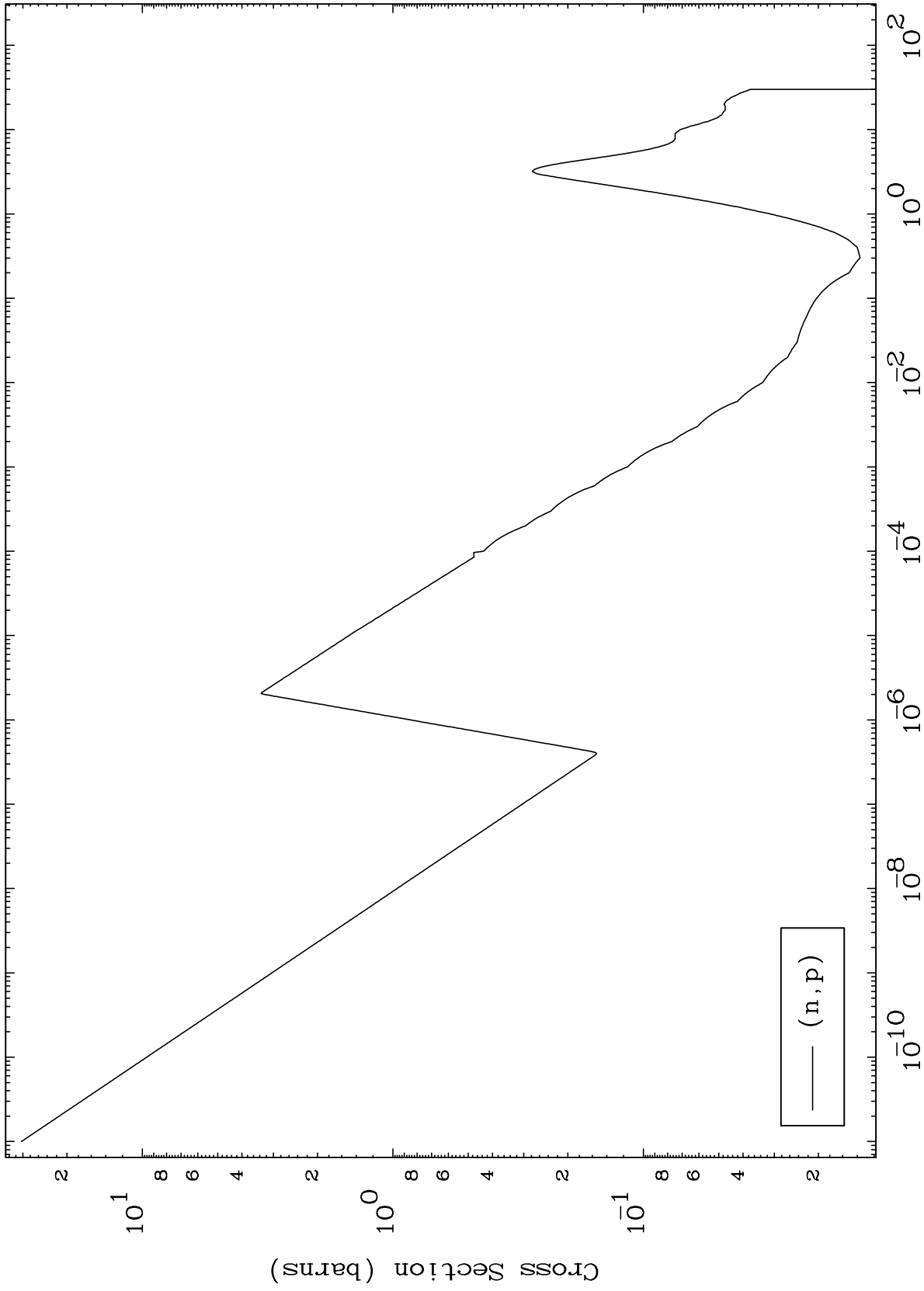
Incident Energy (MeV)

55-Cs-125

MAT 5501

(n,p) Levels  
293 Kelvin Cross Sections

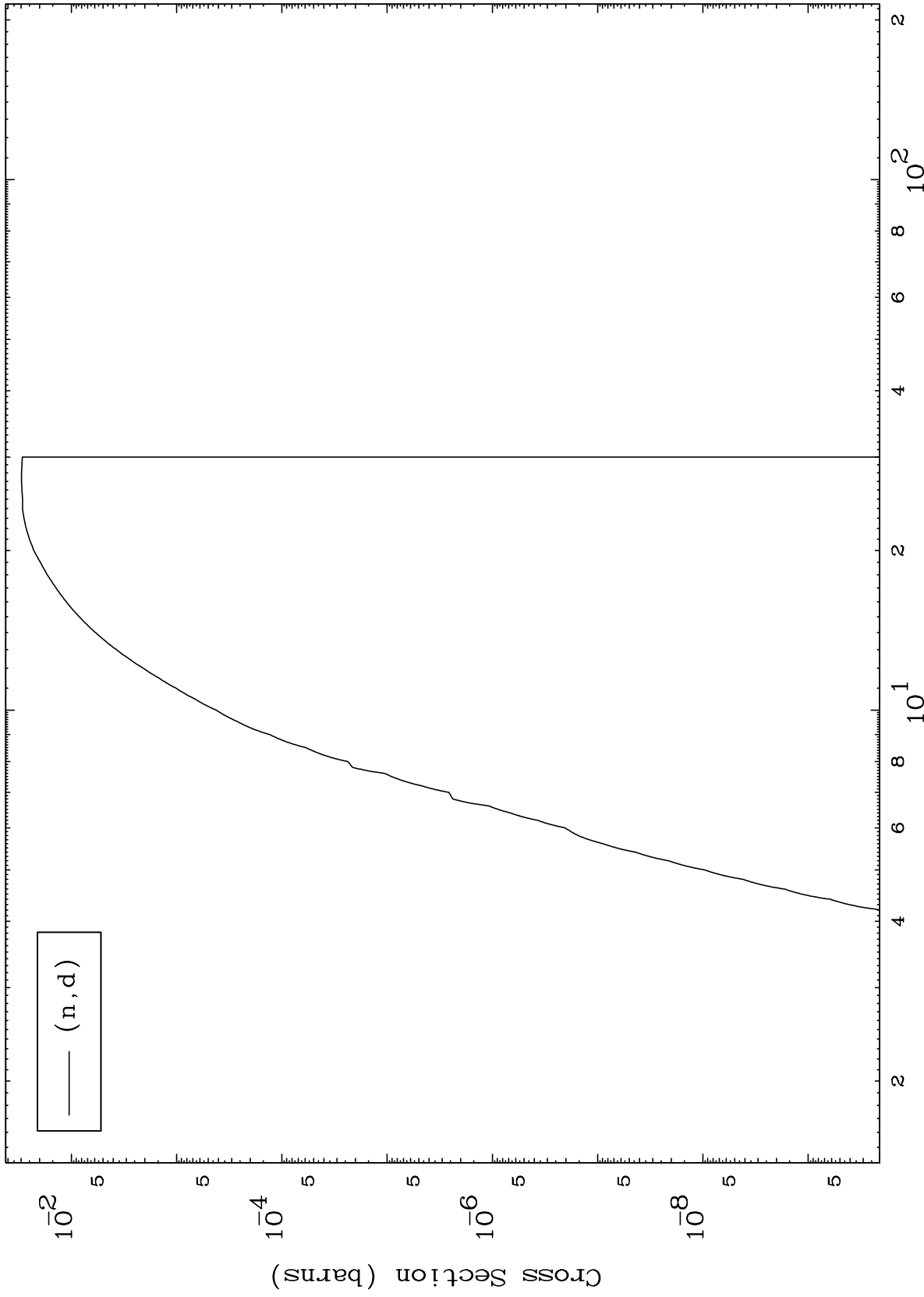
55-Cs-125



MAT 5501

(n,d) Levels  
293 Kelvin Cross Sections

55-Cs-125



10

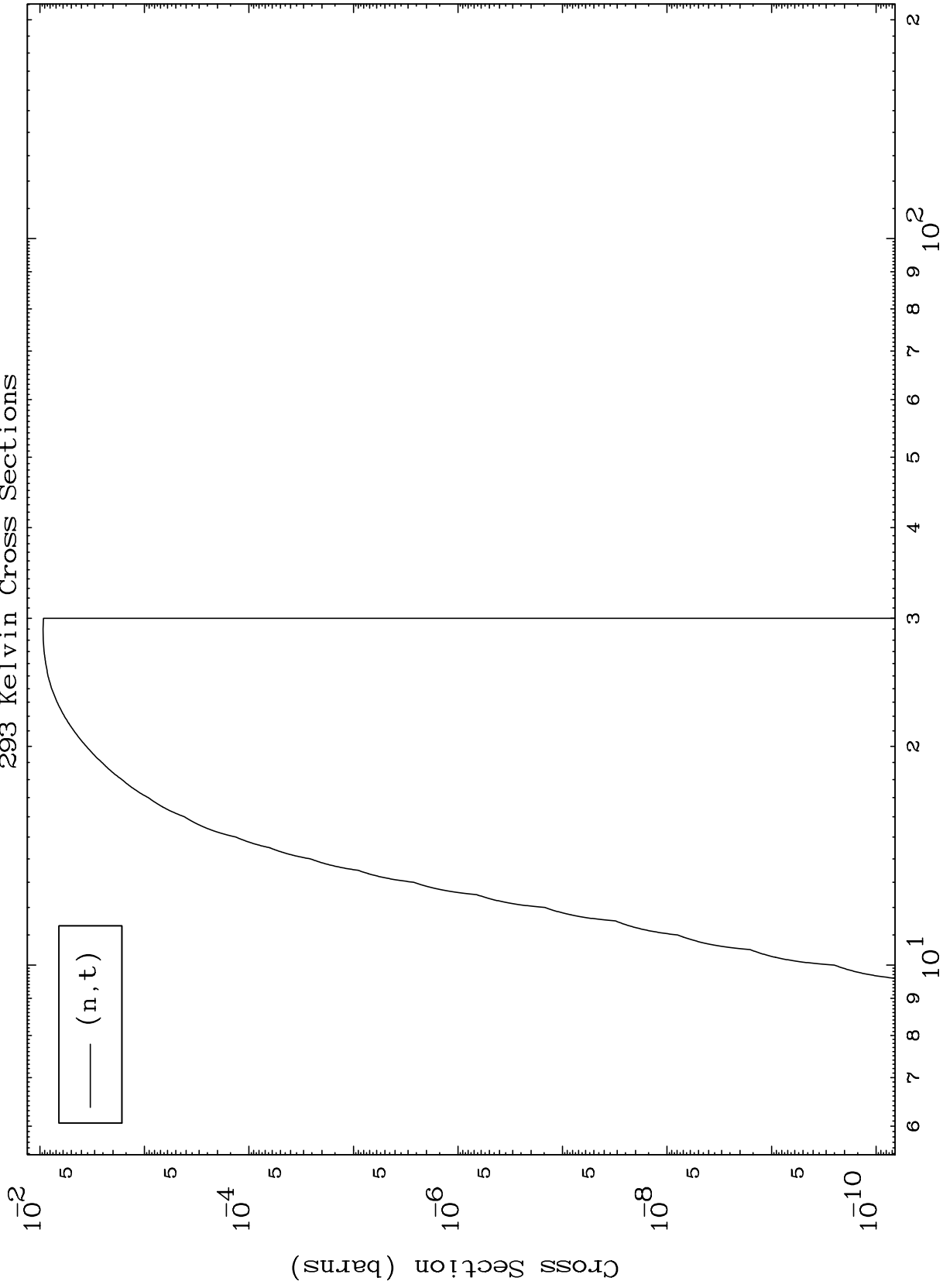
Incident Energy (MeV)

55-Cs-125

MAT 5501

(n,t) Levels  
293 Kelvin Cross Sections

55-Cs-125



11

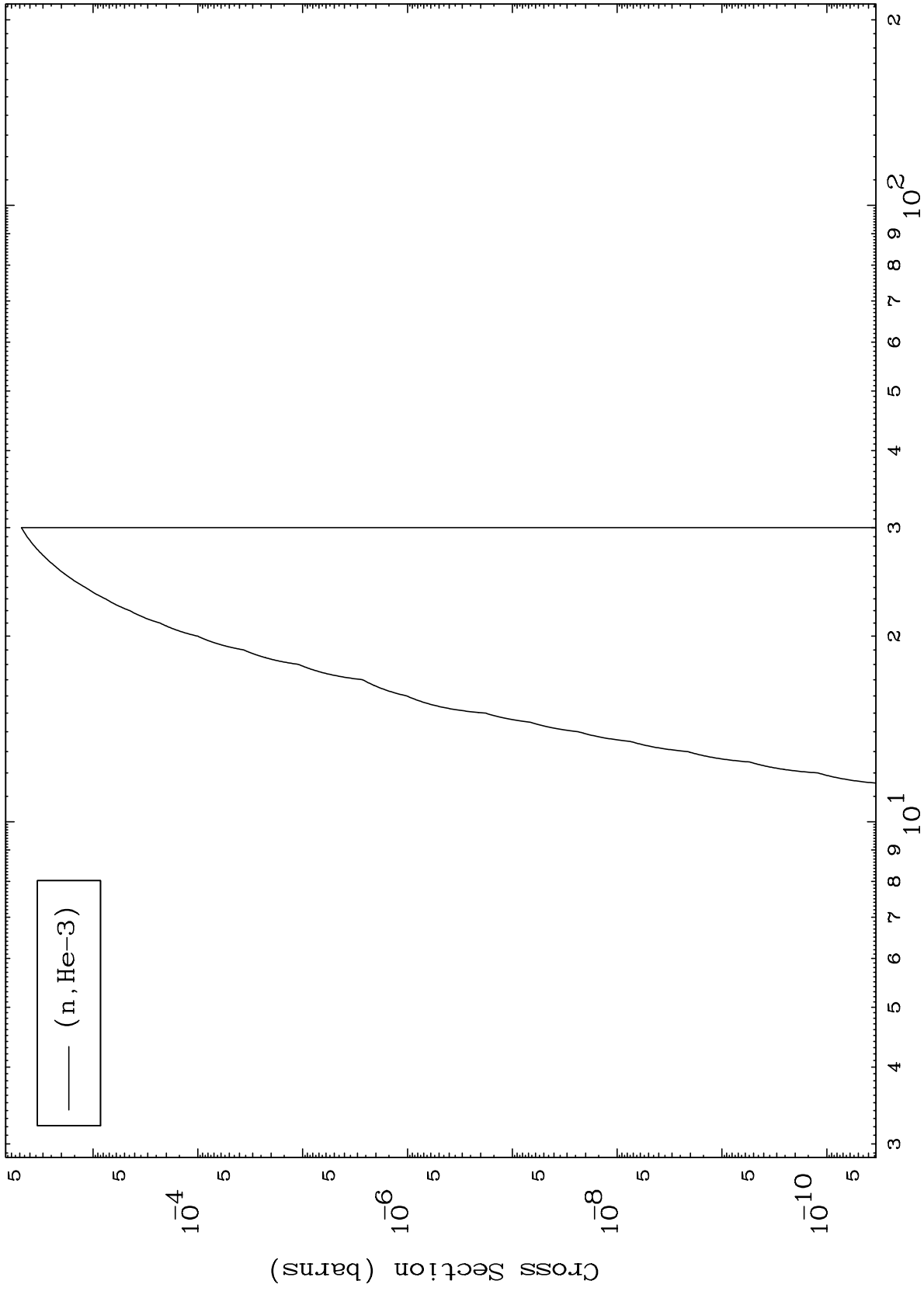
Incident Energy (MeV)

55-Cs-125

MAT 5501

(n,He3) Levels  
293 Kelvin Cross Sections

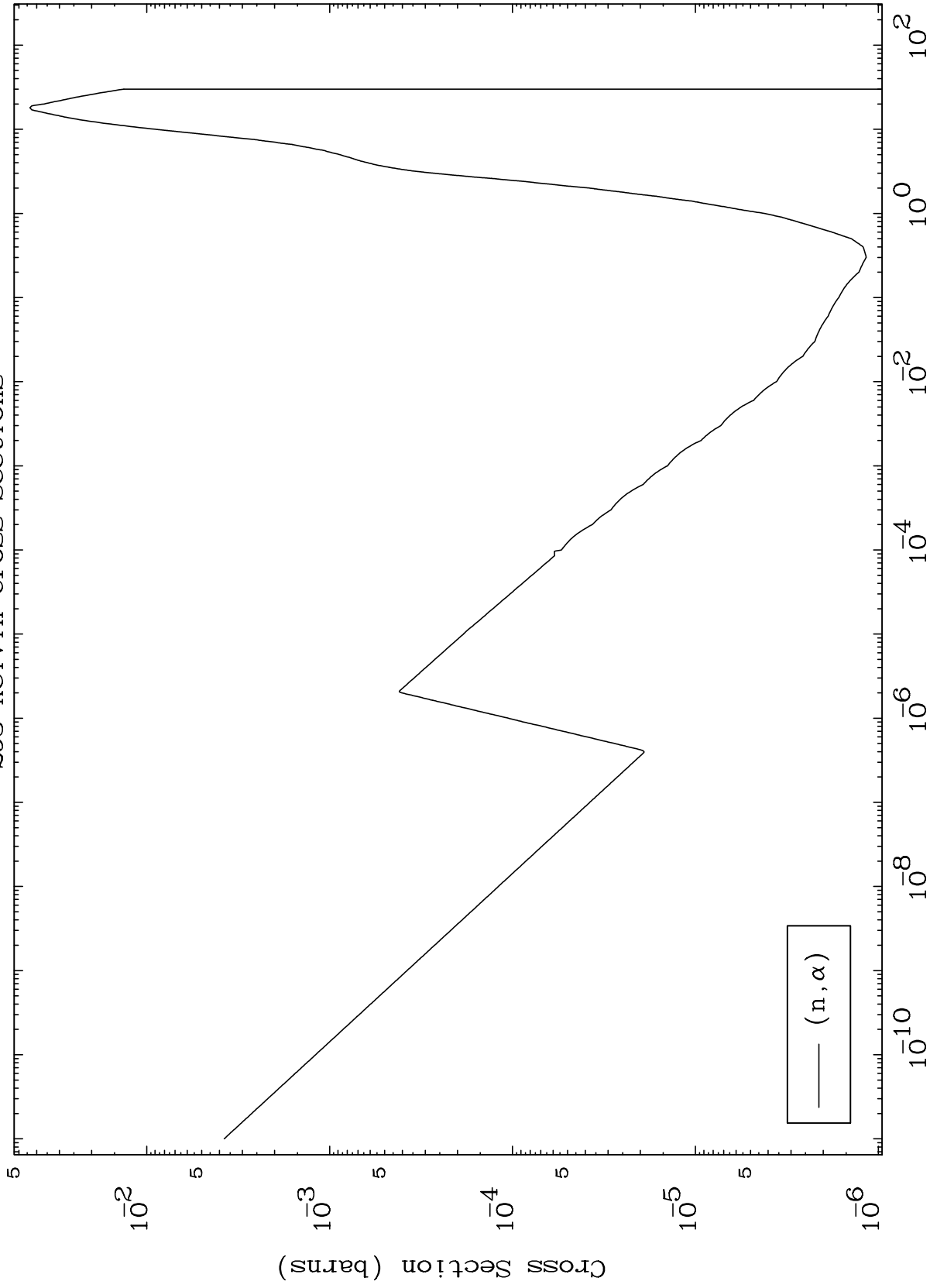
55-Cs-125



MAT 5501

(n,α) Levels  
293 Kelvin Cross Sections

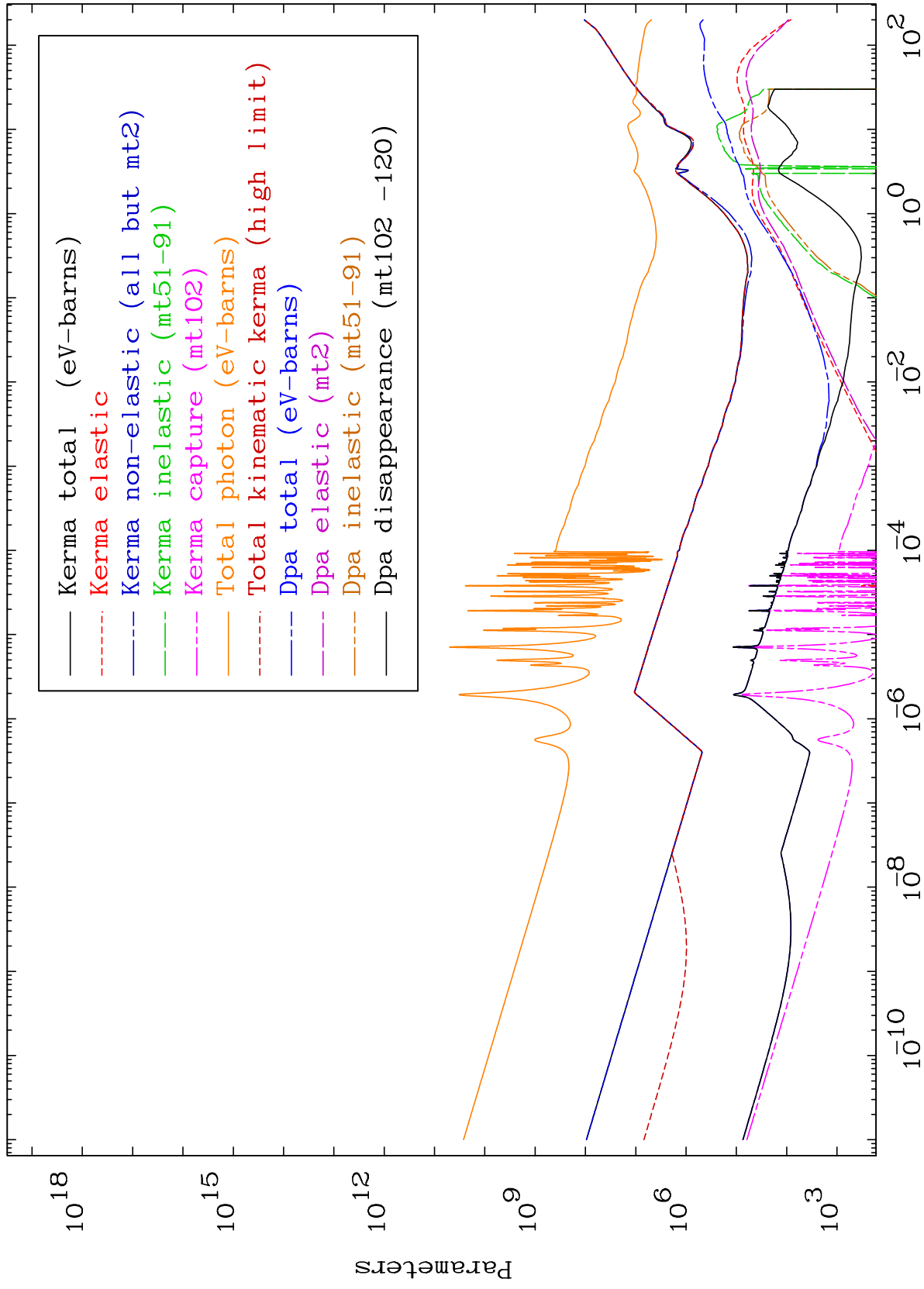
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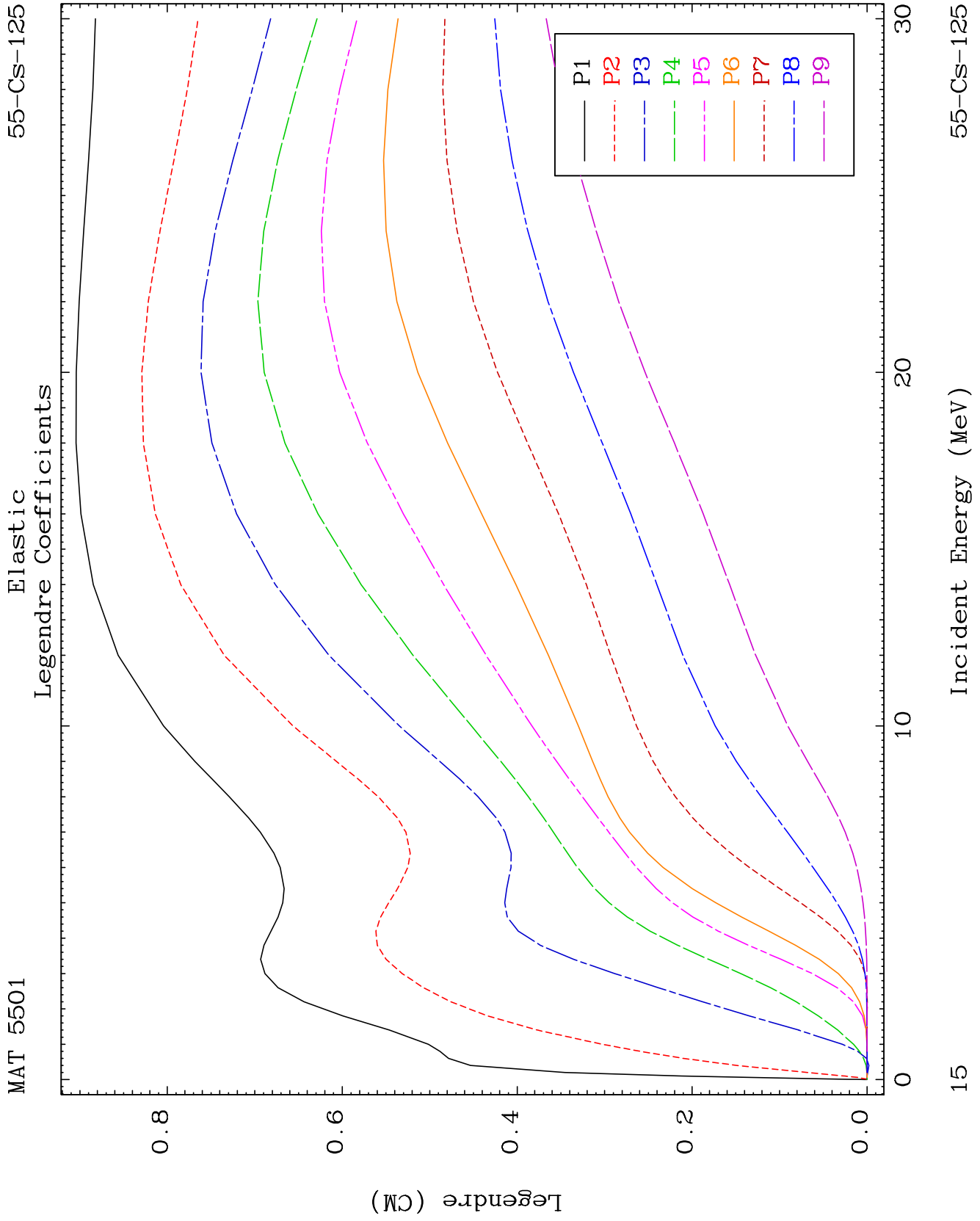


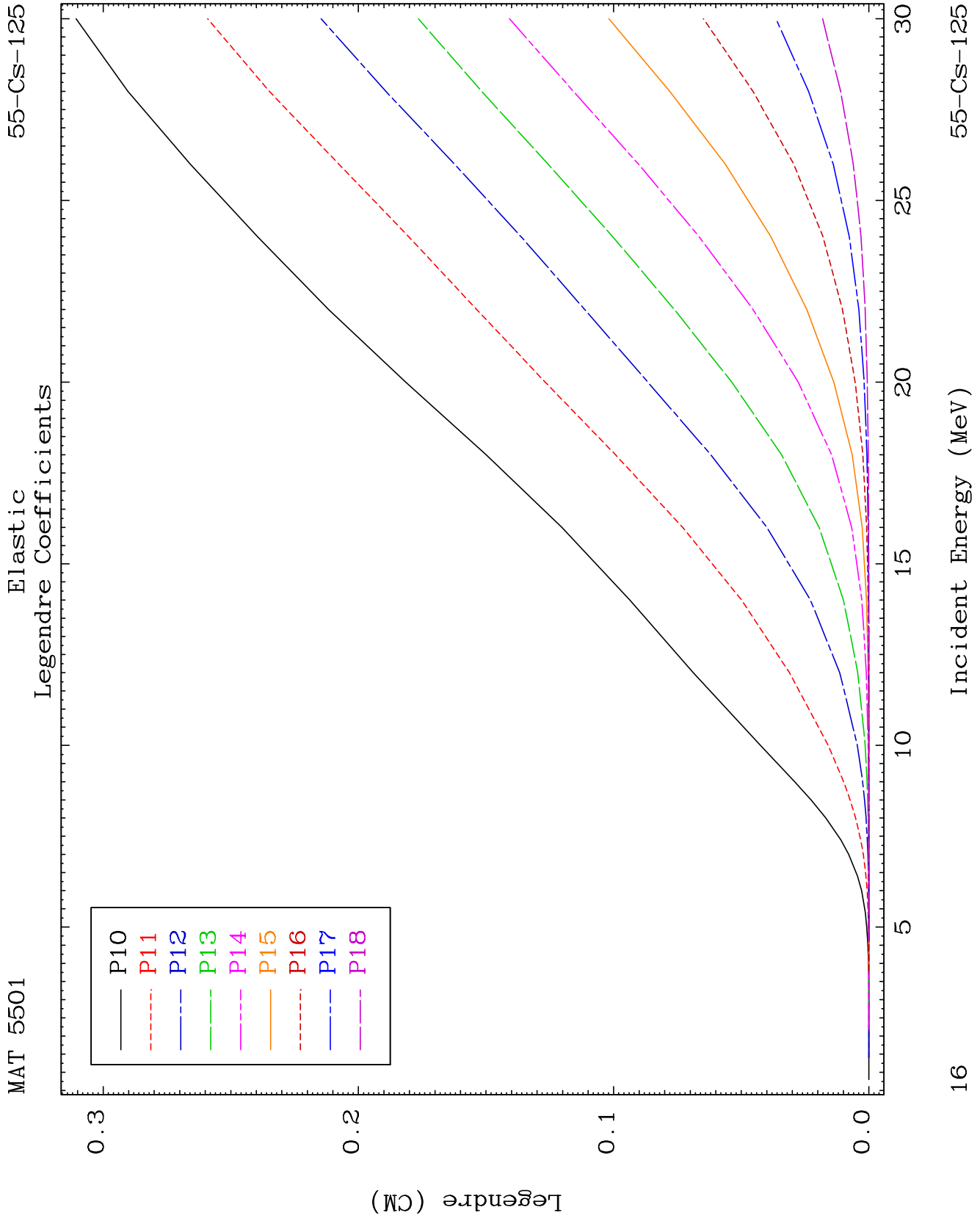
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Incident Energy (MeV)

55-Cs-125



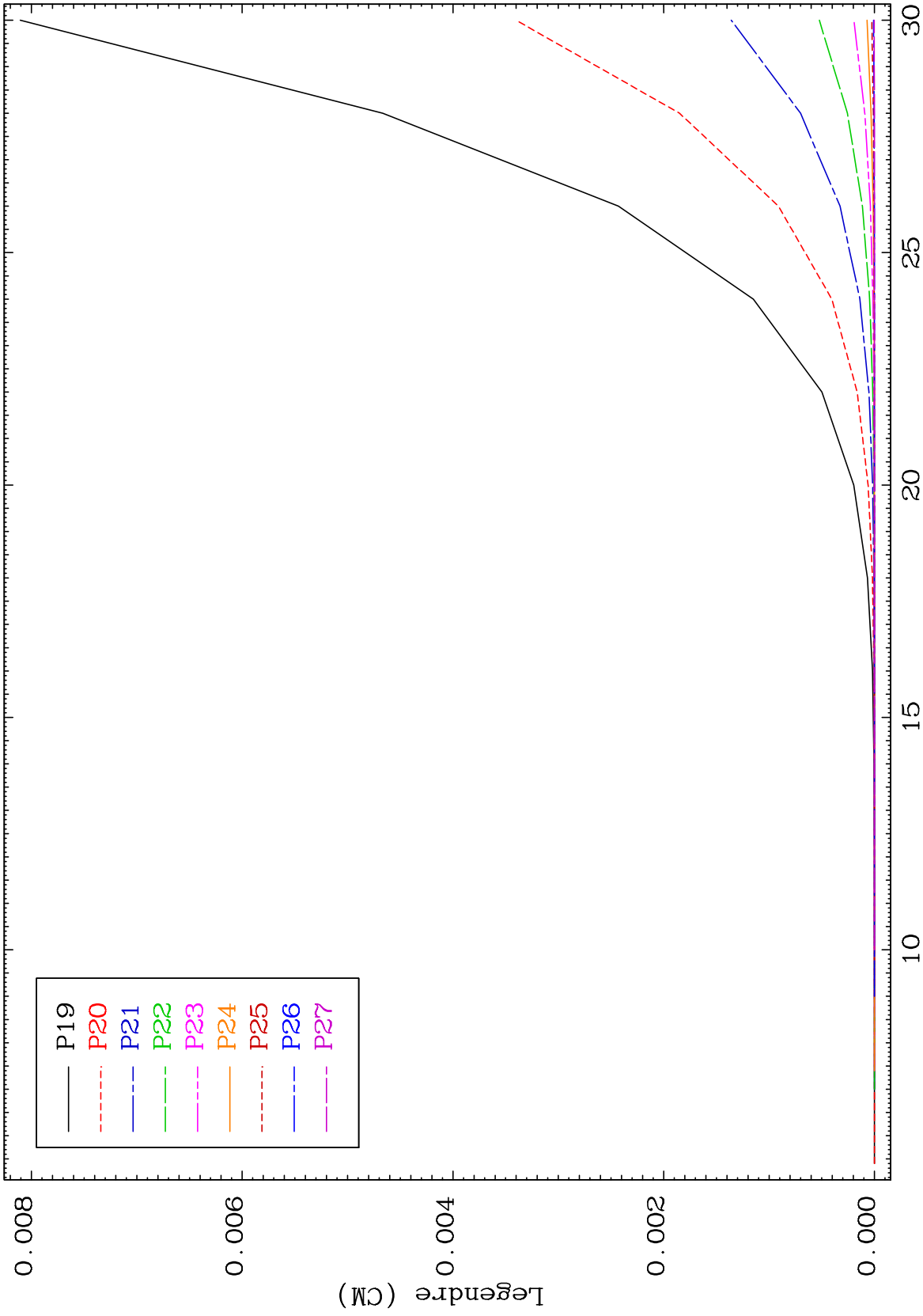




MAT 5501

Elastic Legendre Coefficients

55-Cs-125



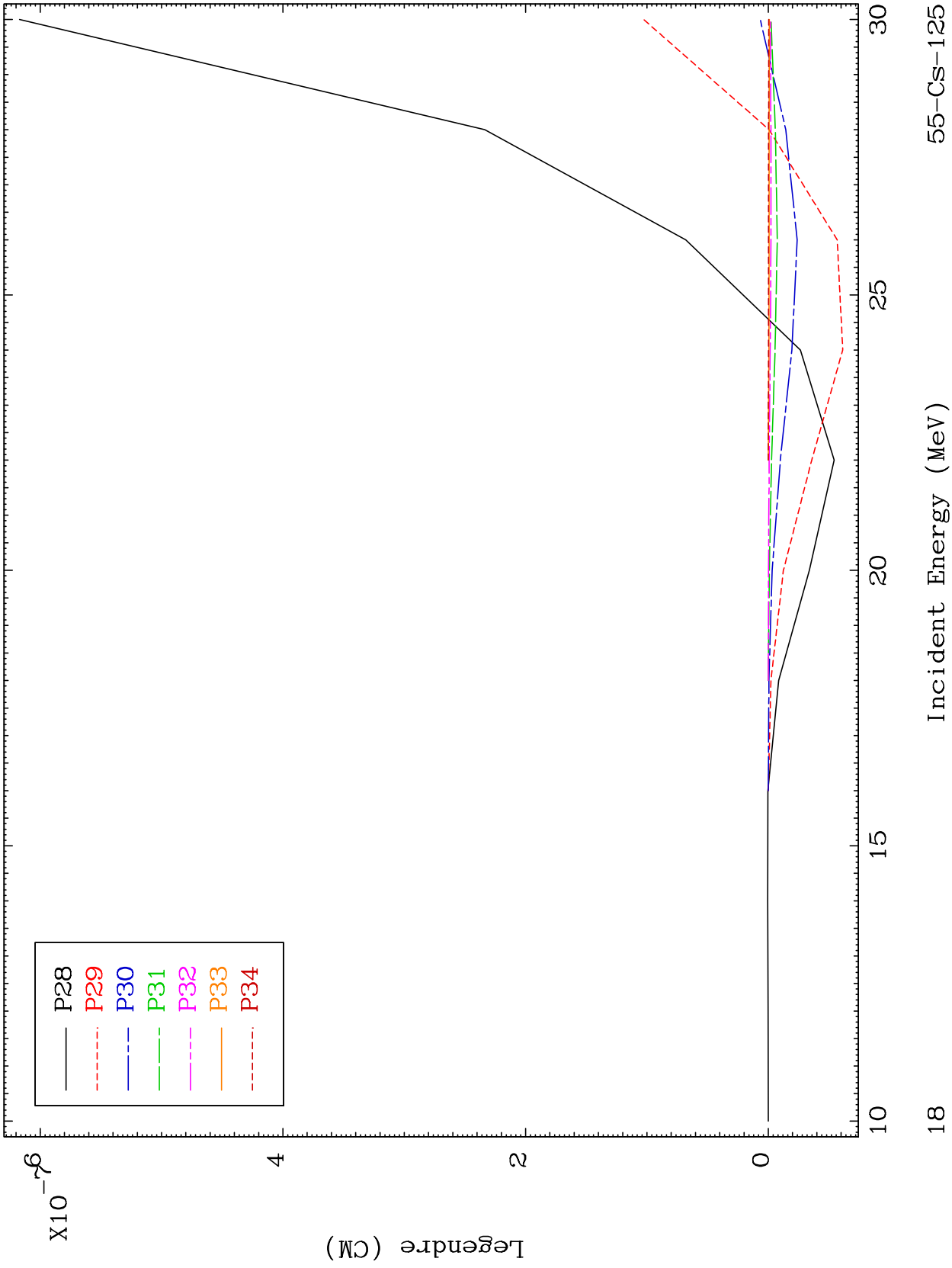
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55-Cs-125

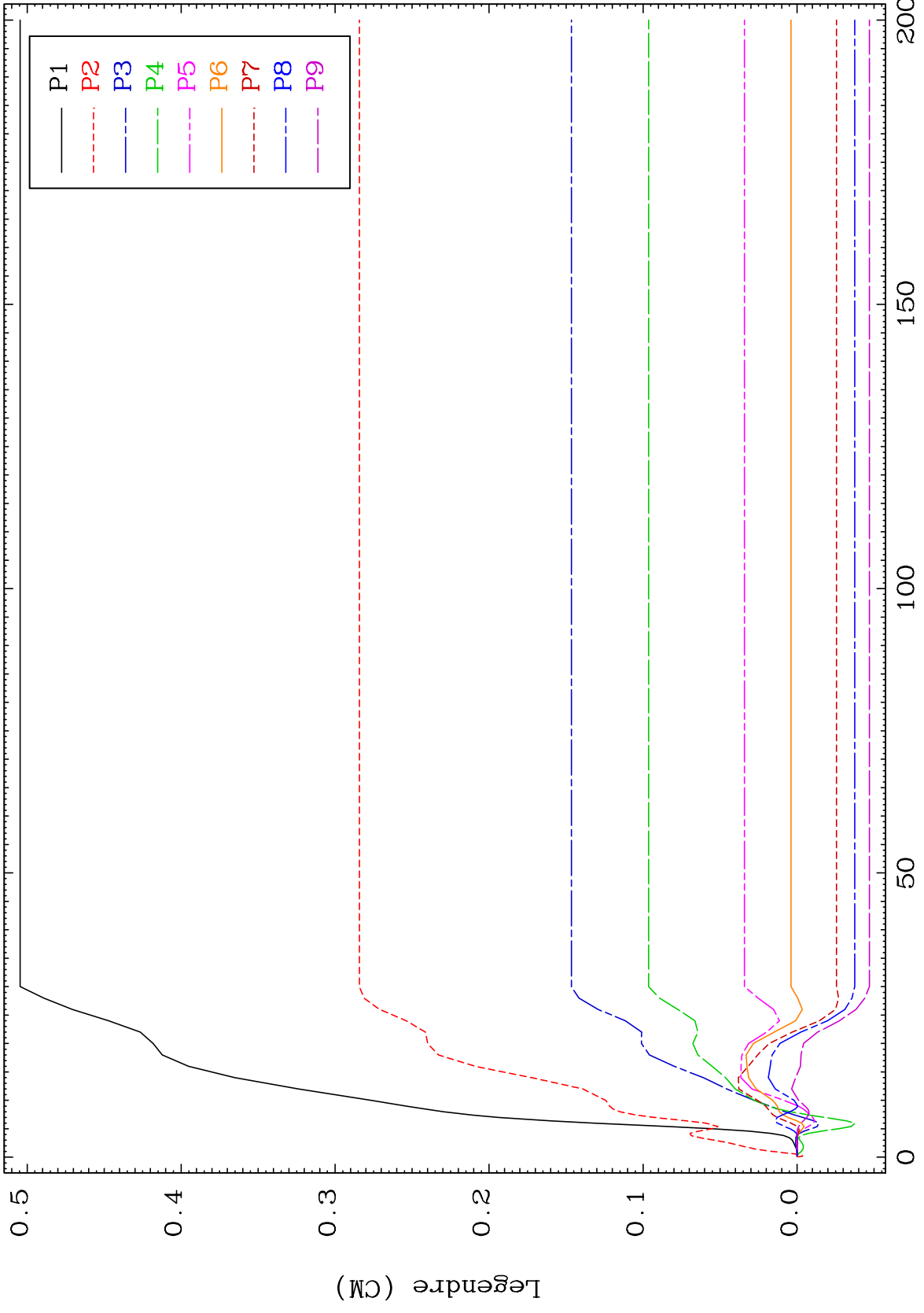
MAT 5501

Elastic Legendre Coefficients

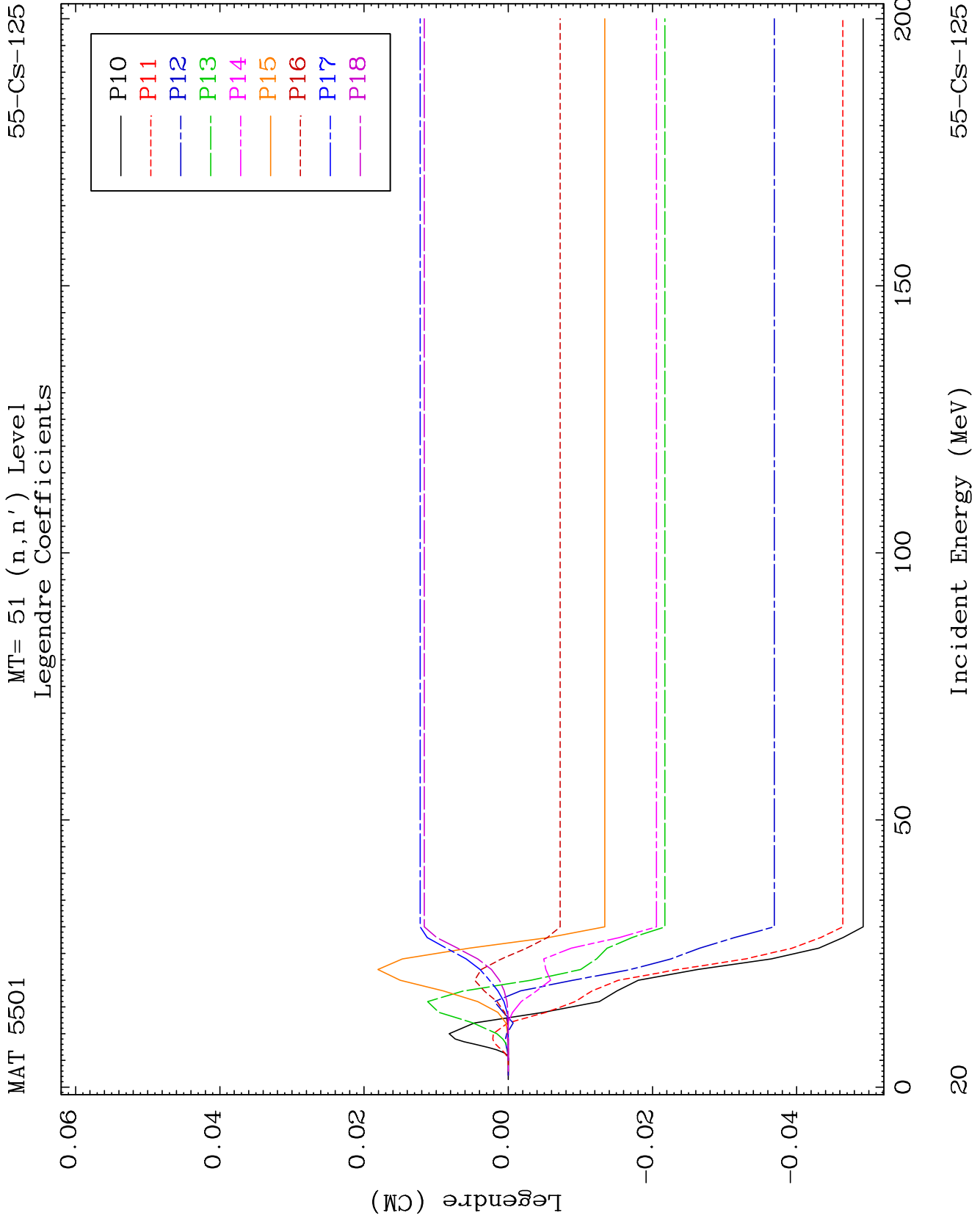
55-Cs-125



MAT 5501 MT= 51 (n,n') Level Legendre Coefficients 55-Cs-125



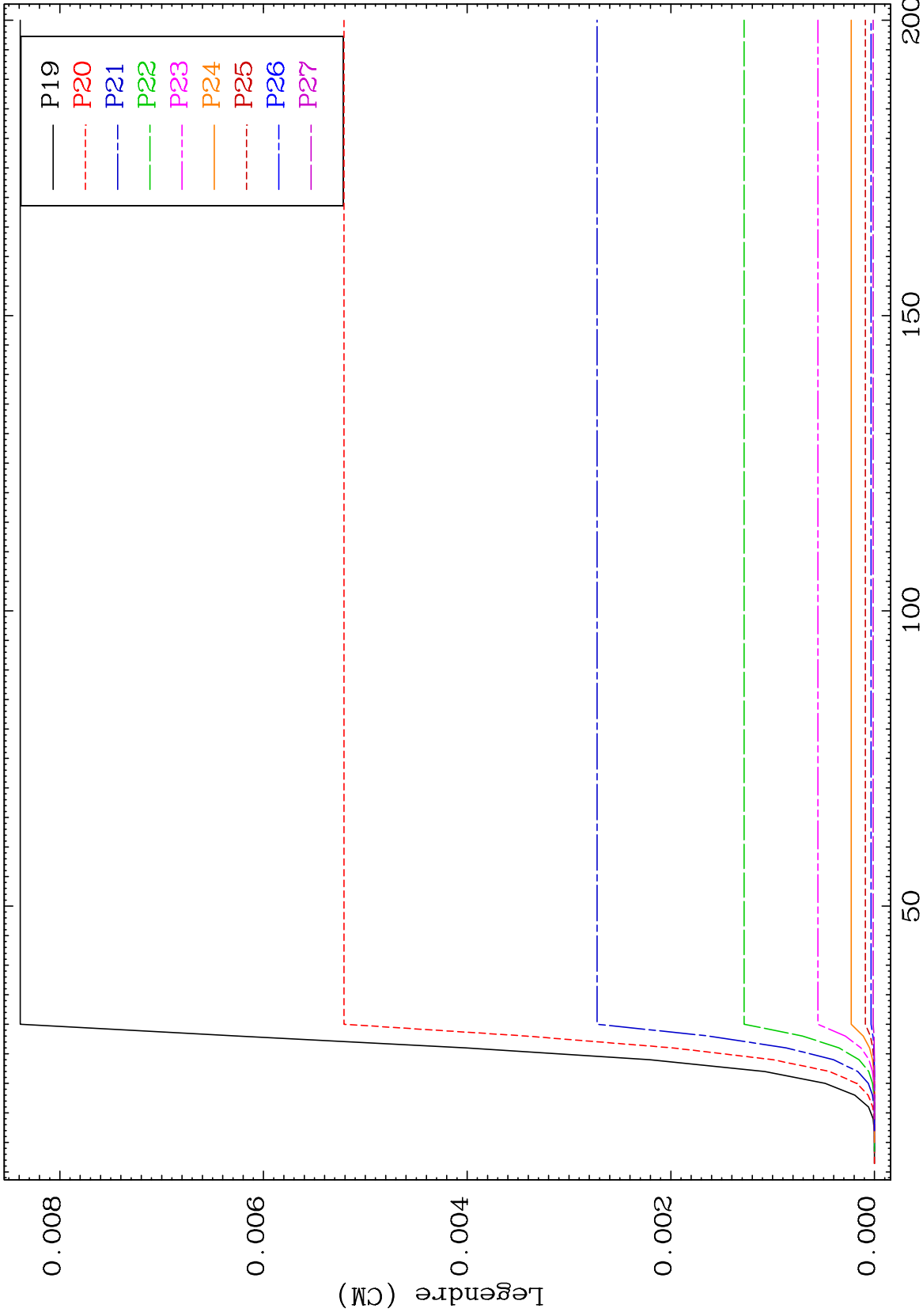
19 55-Cs-125



MAT 5501

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

55-Cs-125



21

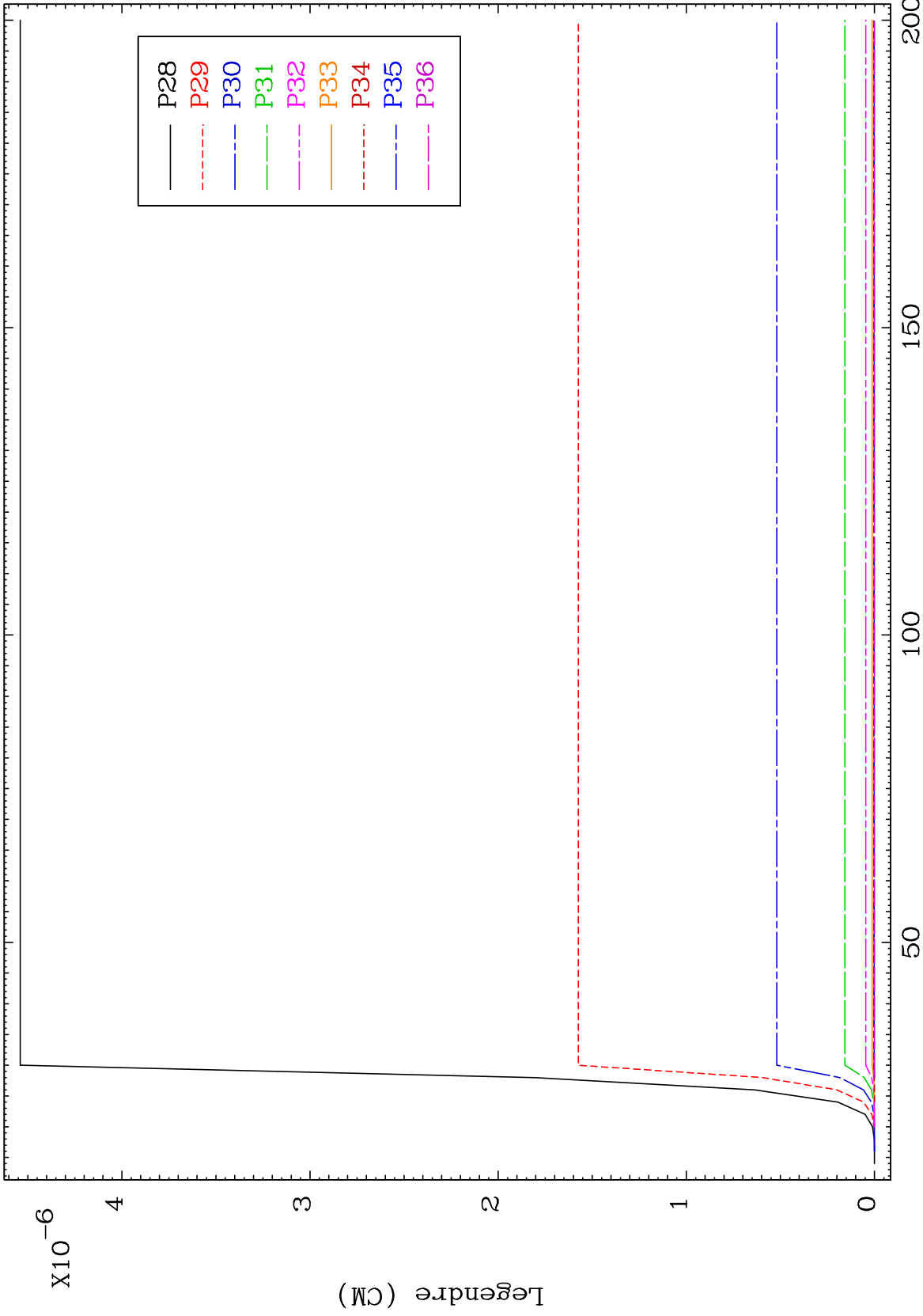
Incident Energy (MeV)

55-Cs-125

MAT 5501

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

55-Cs-125



22

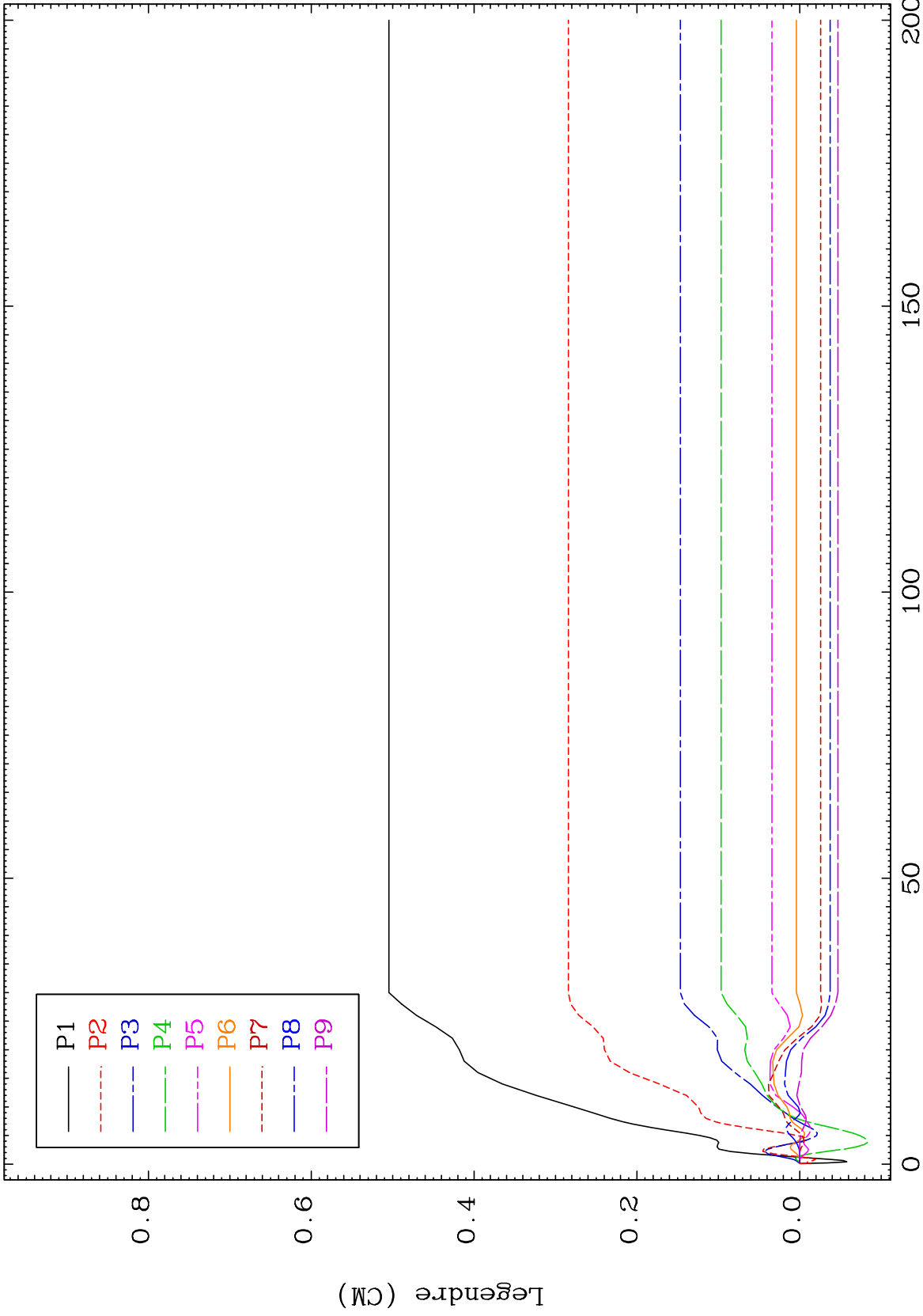
Incident Energy (MeV)

55-Cs-125

MAT 5501

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

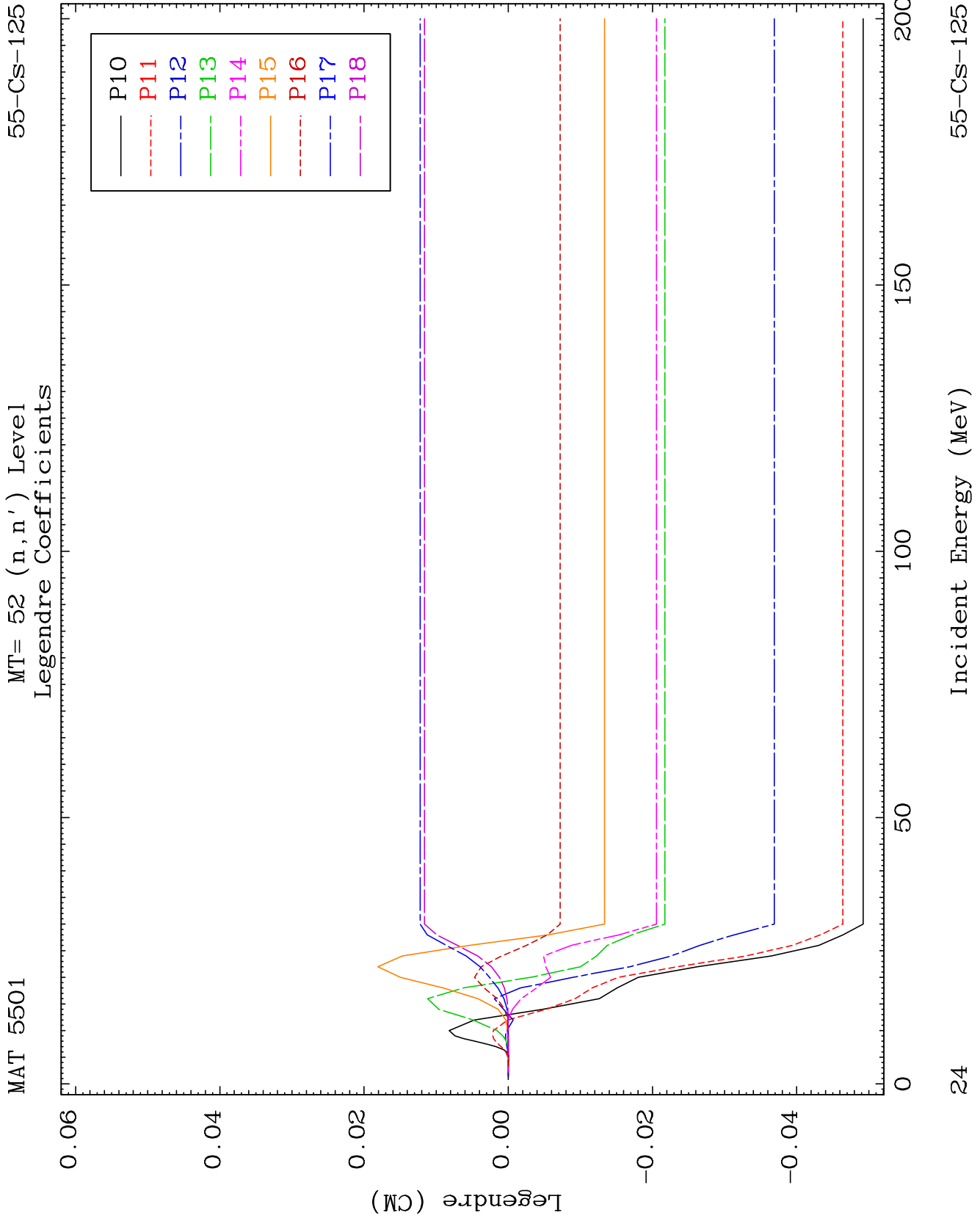
55-Cs-125



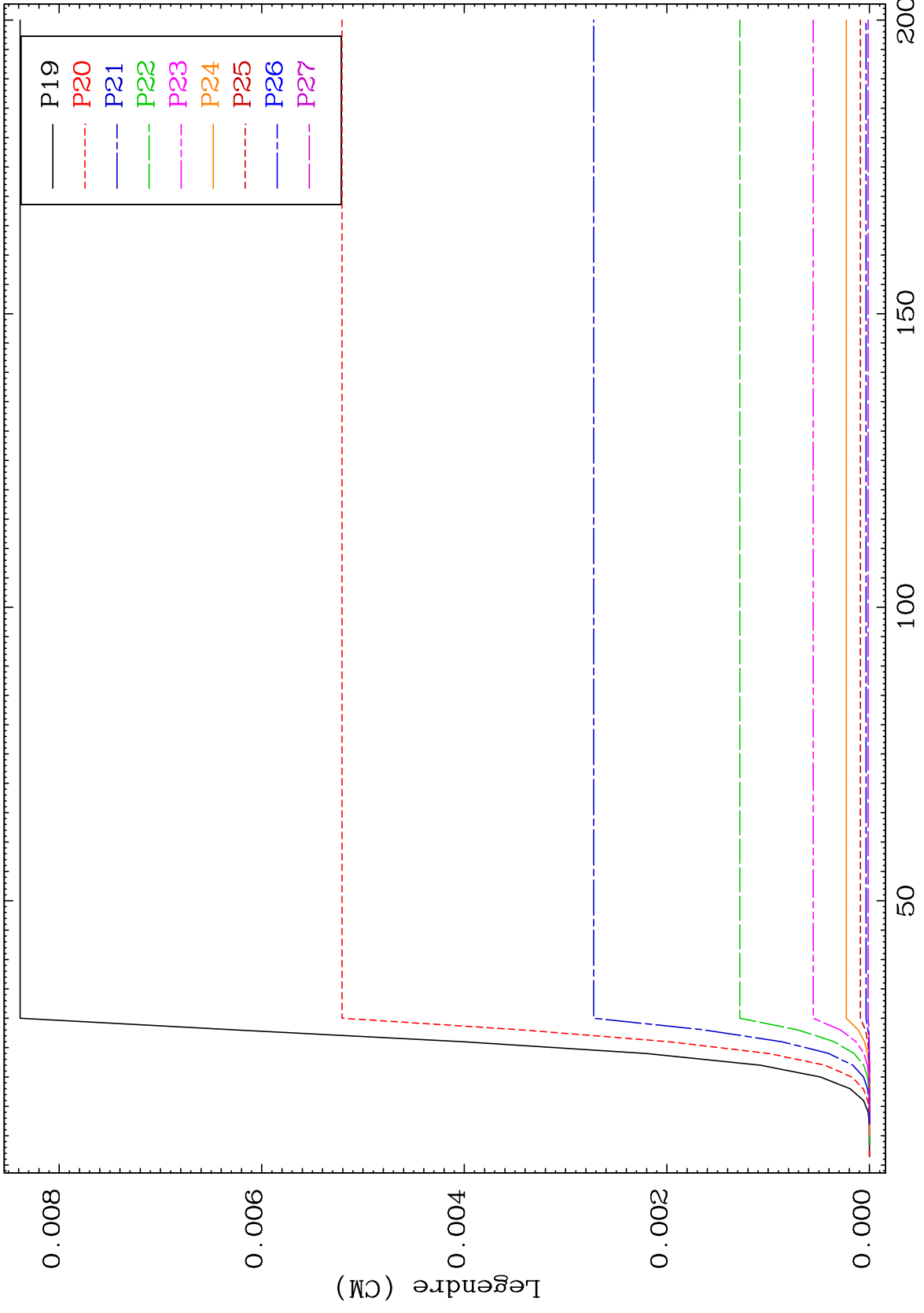
23

Incident Energy (MeV)

55-Cs-125



MAT 5501 MT= 52 (n,n') Level Legendre Coefficients 55-Cs-125

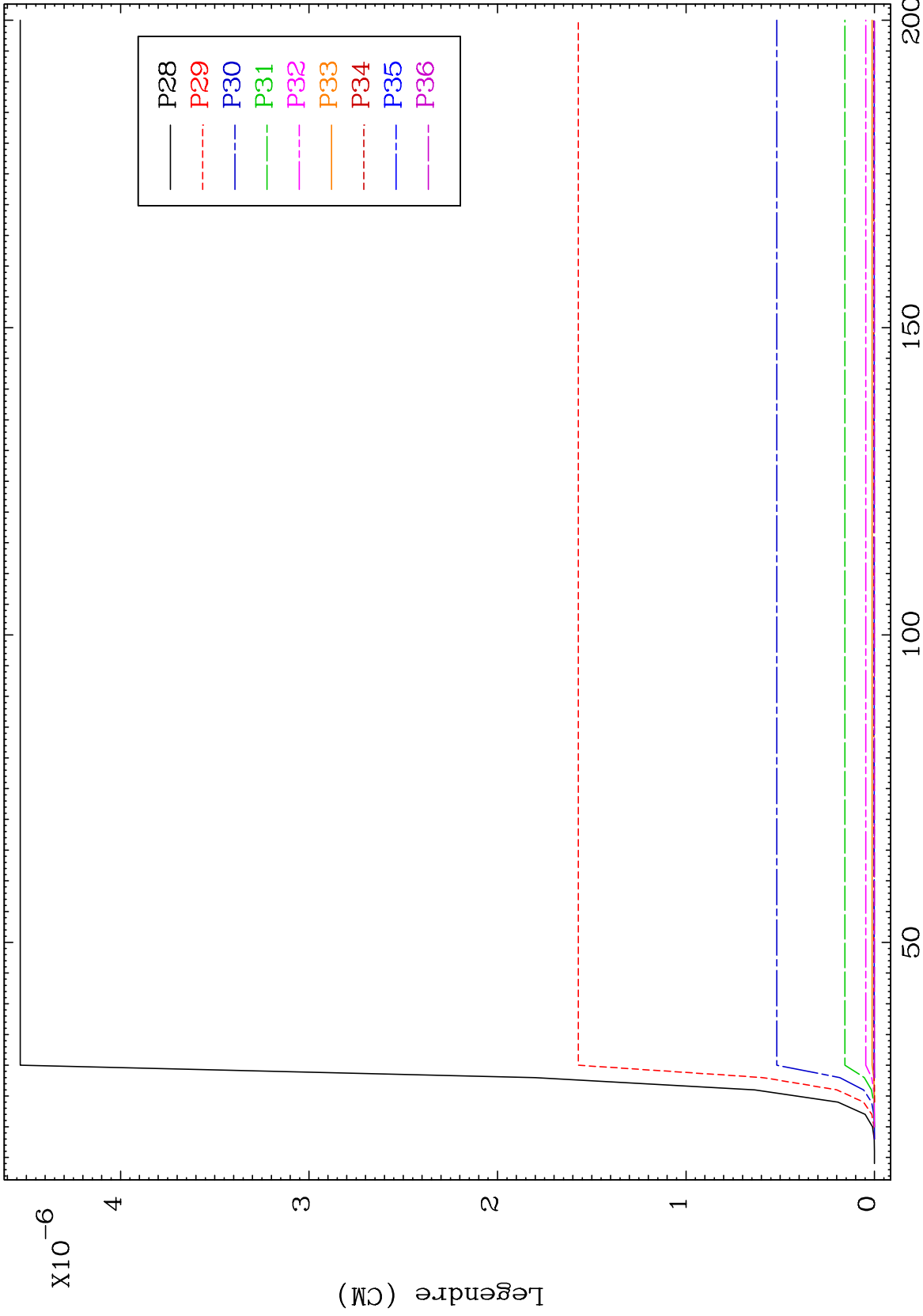


55-Cs-125

MAT 5501

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

55-Cs-125

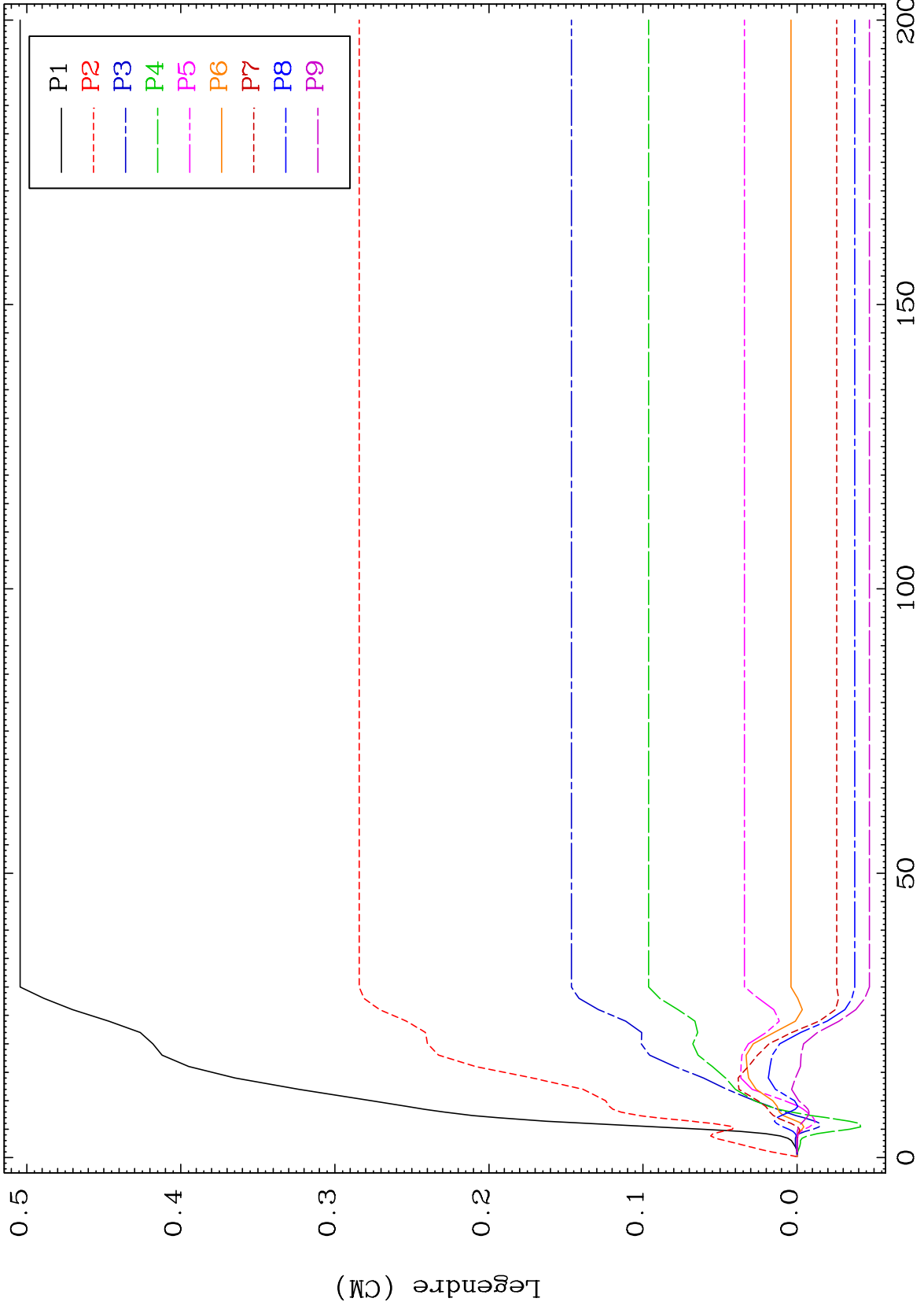


26

Incident Energy (MeV)

55-Cs-125

MAT 5501 MT= 53 (n,n') Level Legendre Coefficients 55-Cs-125

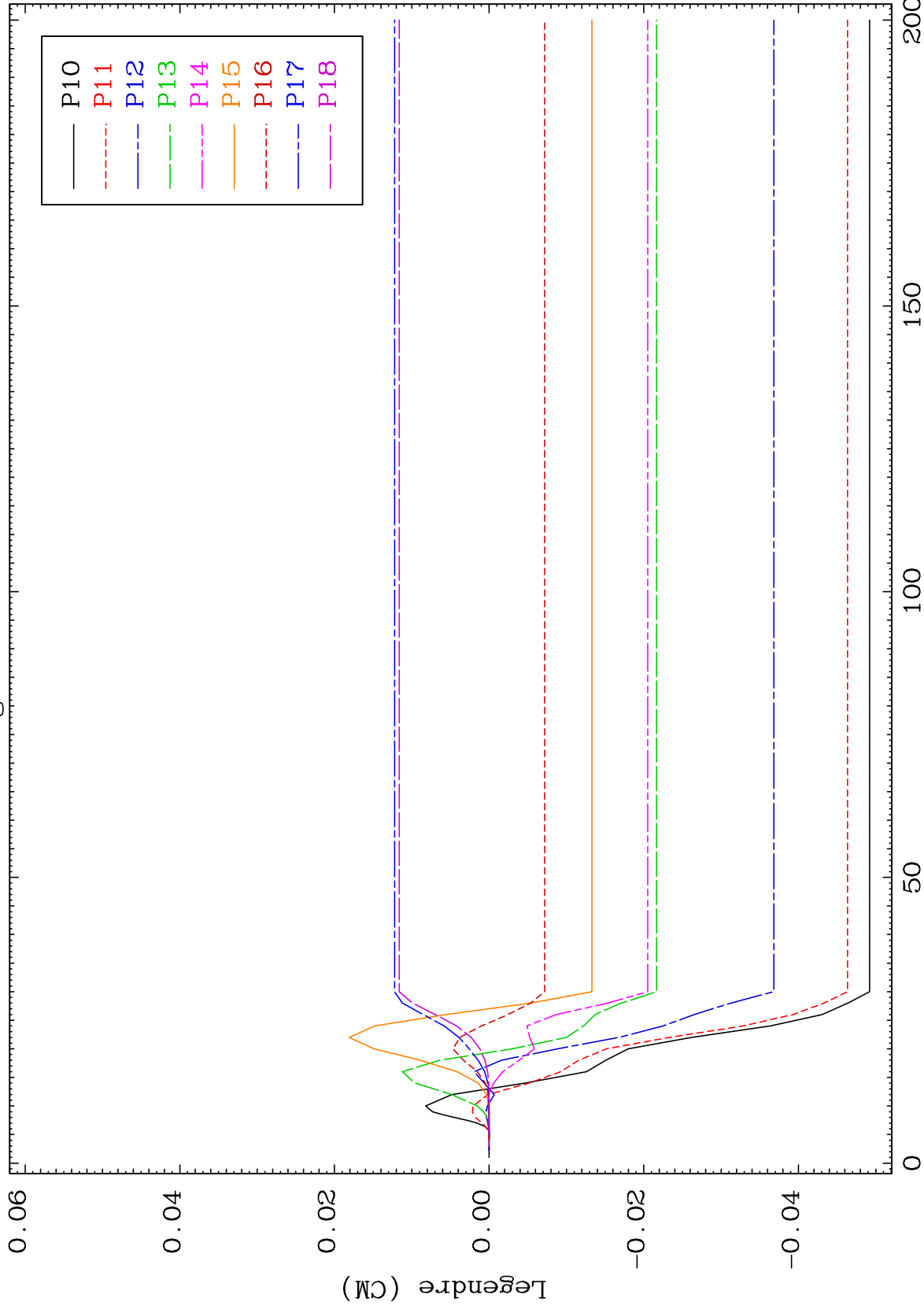


27 Incident Energy (MeV) 55-Cs-125

MAT 5501

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

55-Cs-125



28

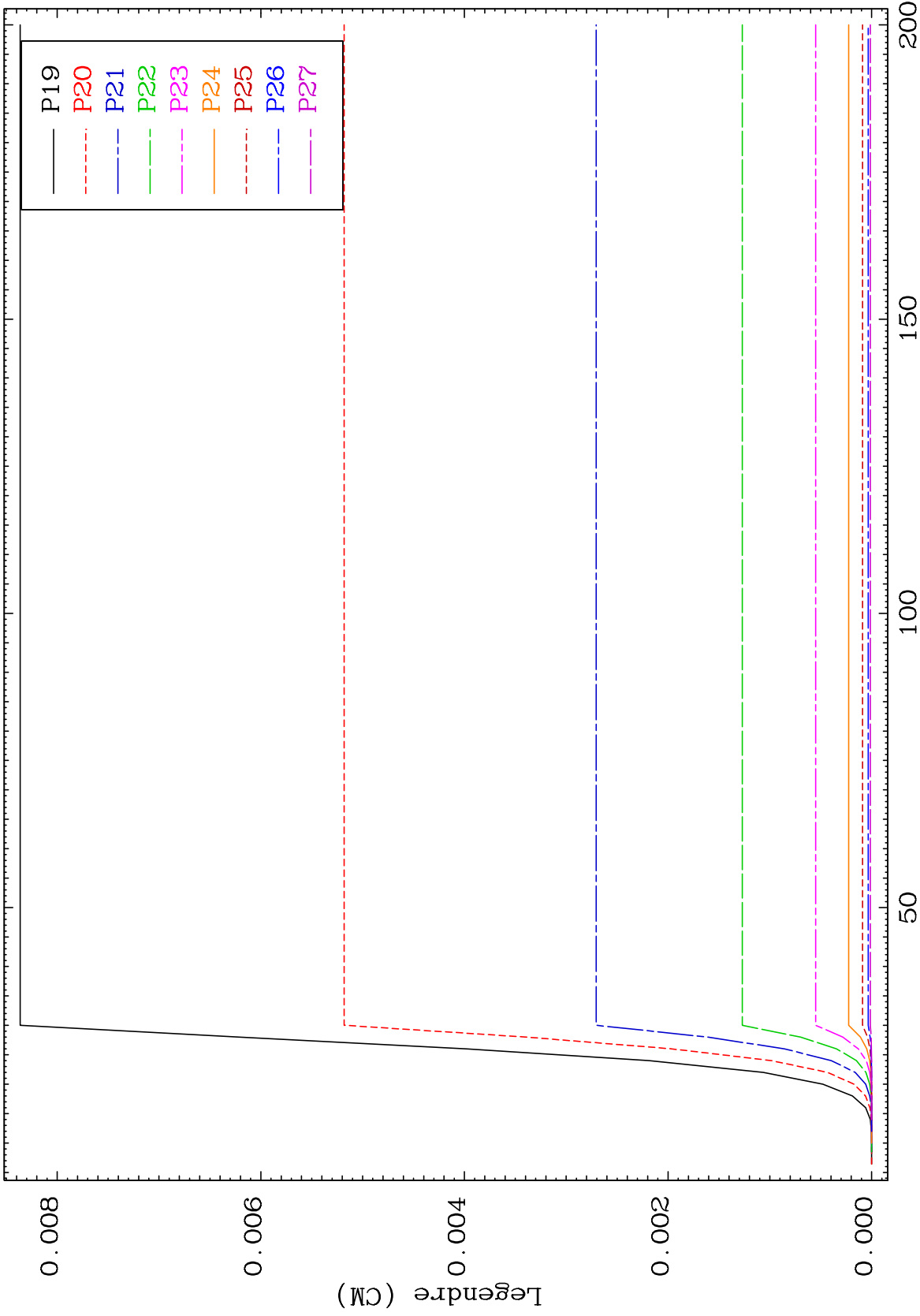
Incident Energy (MeV)

55-Cs-125

MAT 5501

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

55-Cs-125



29

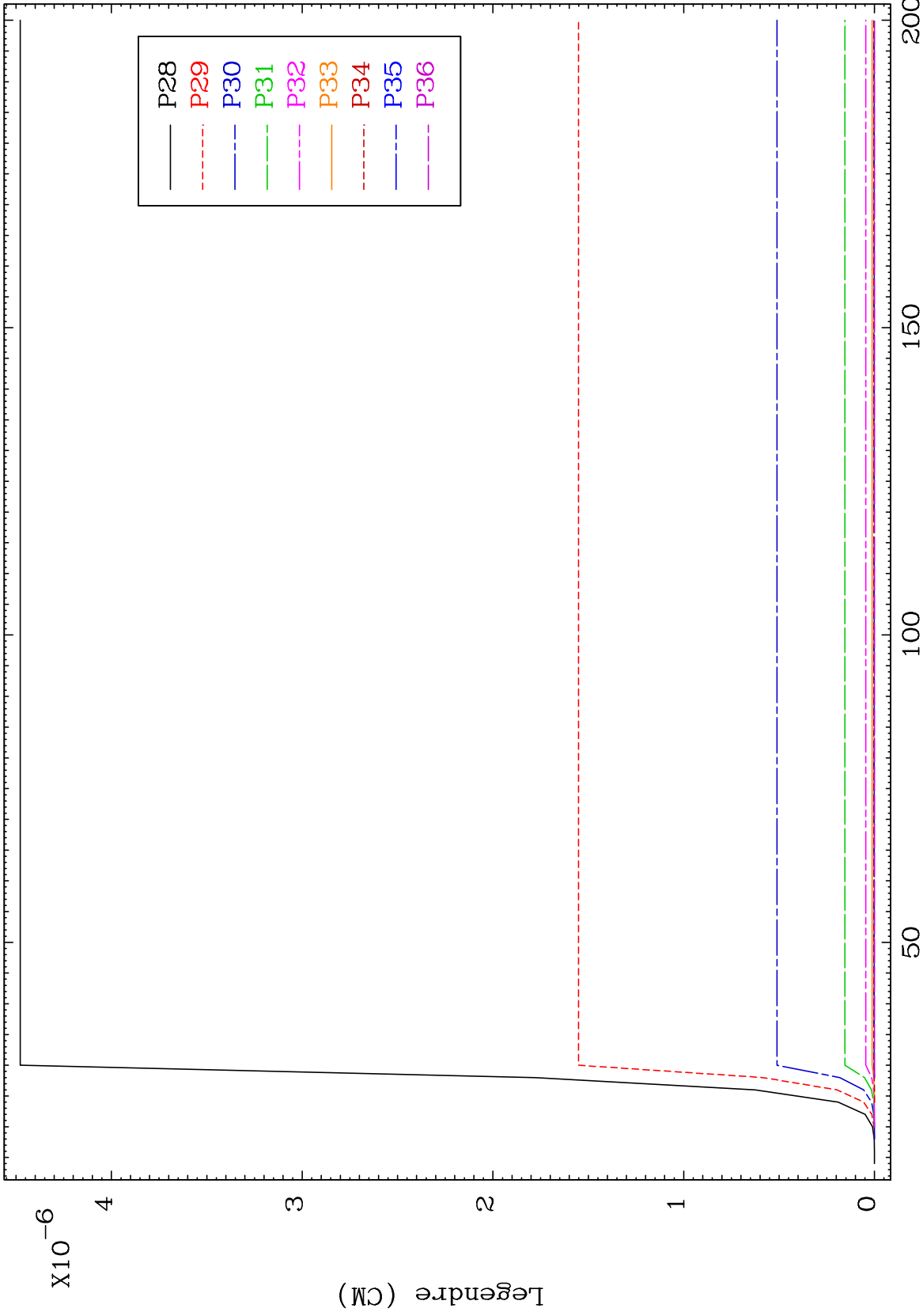
Incident Energy (MeV)

55-Cs-125

MAT 5501

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

55-Cs-125



30

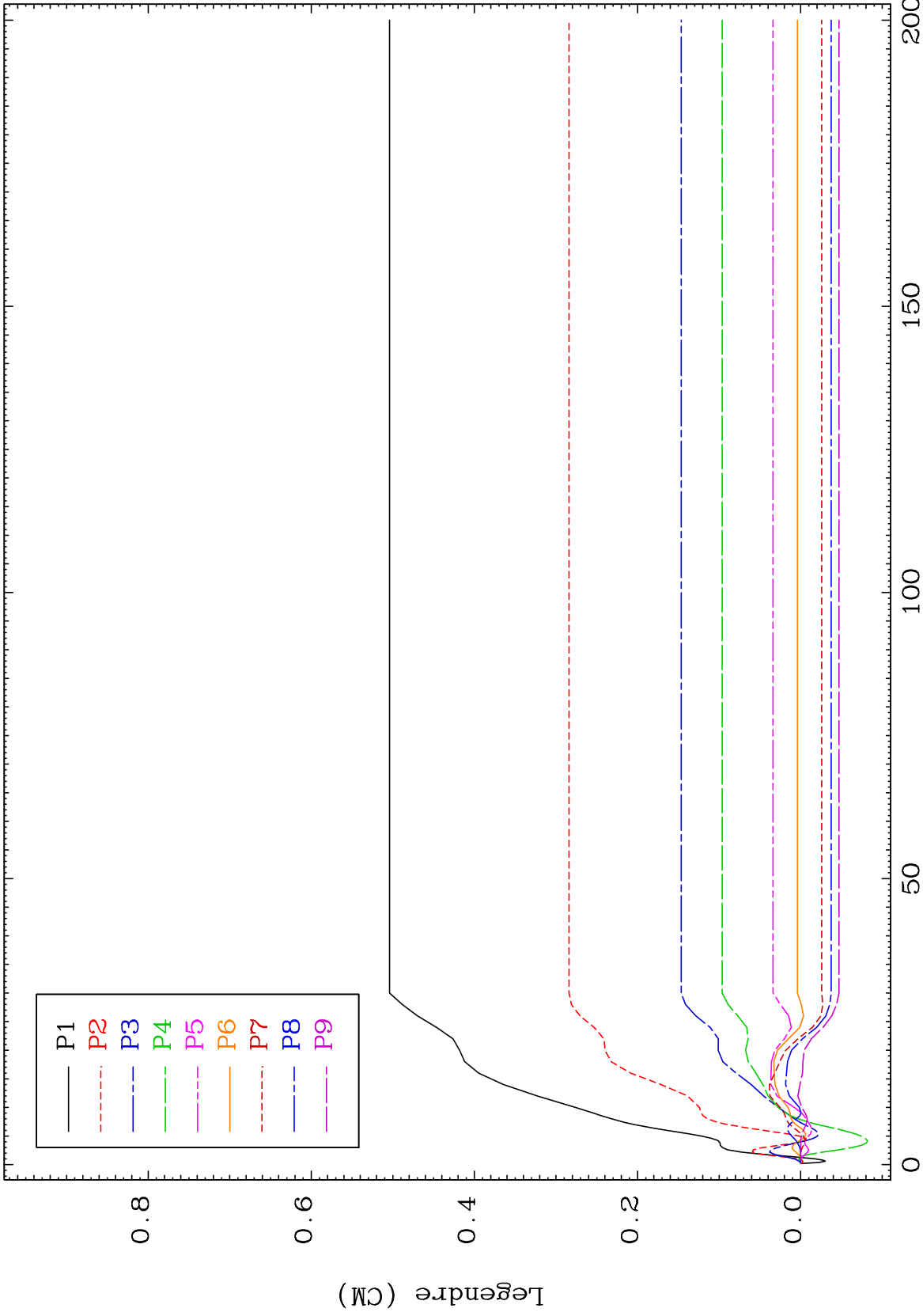
Incident Energy (MeV)

55-Cs-125

MAT 5501

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

55-Cs-125



31

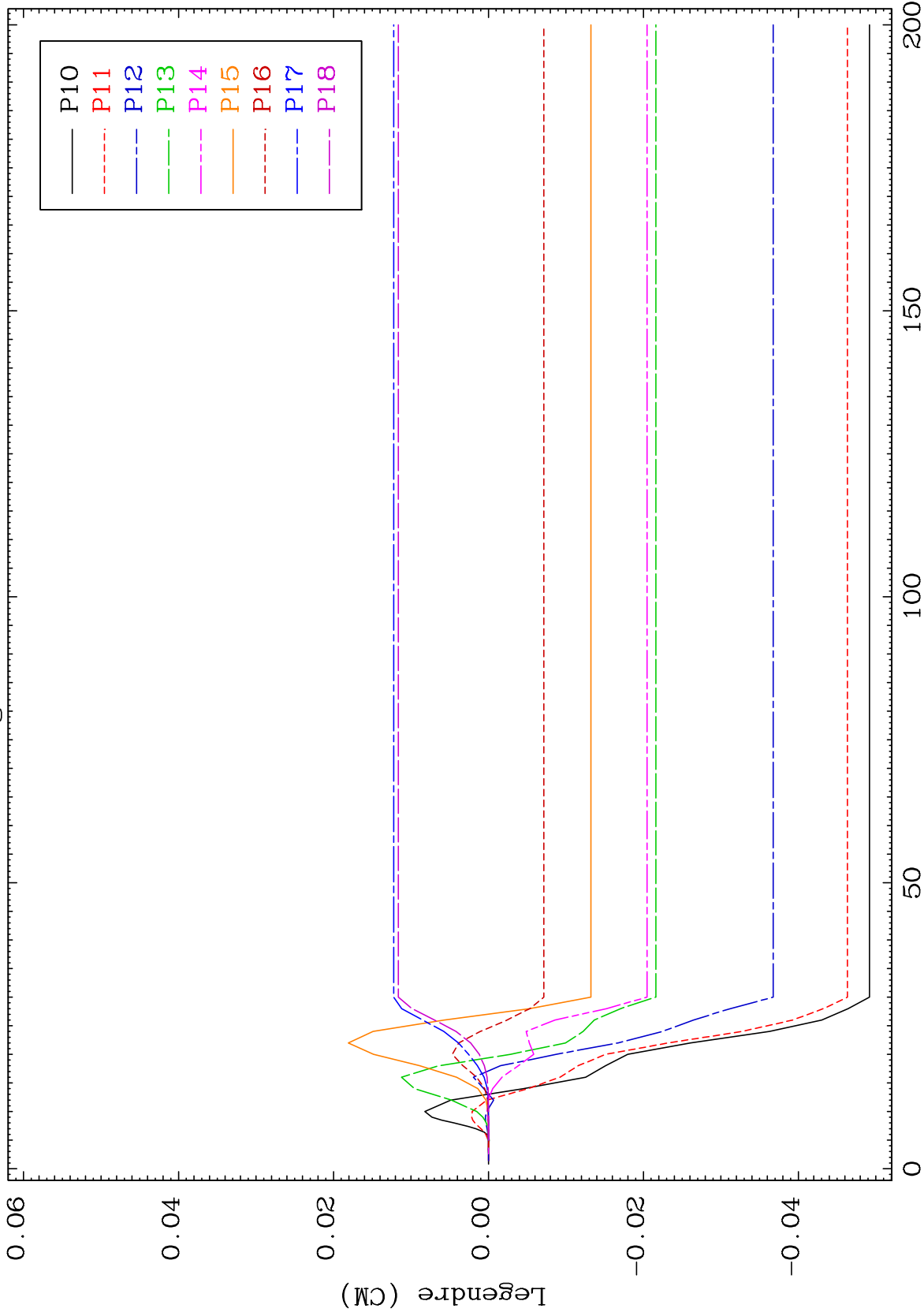
Incident Energy (MeV)

55-Cs-125

MAT 5501

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

55-Cs-125



32

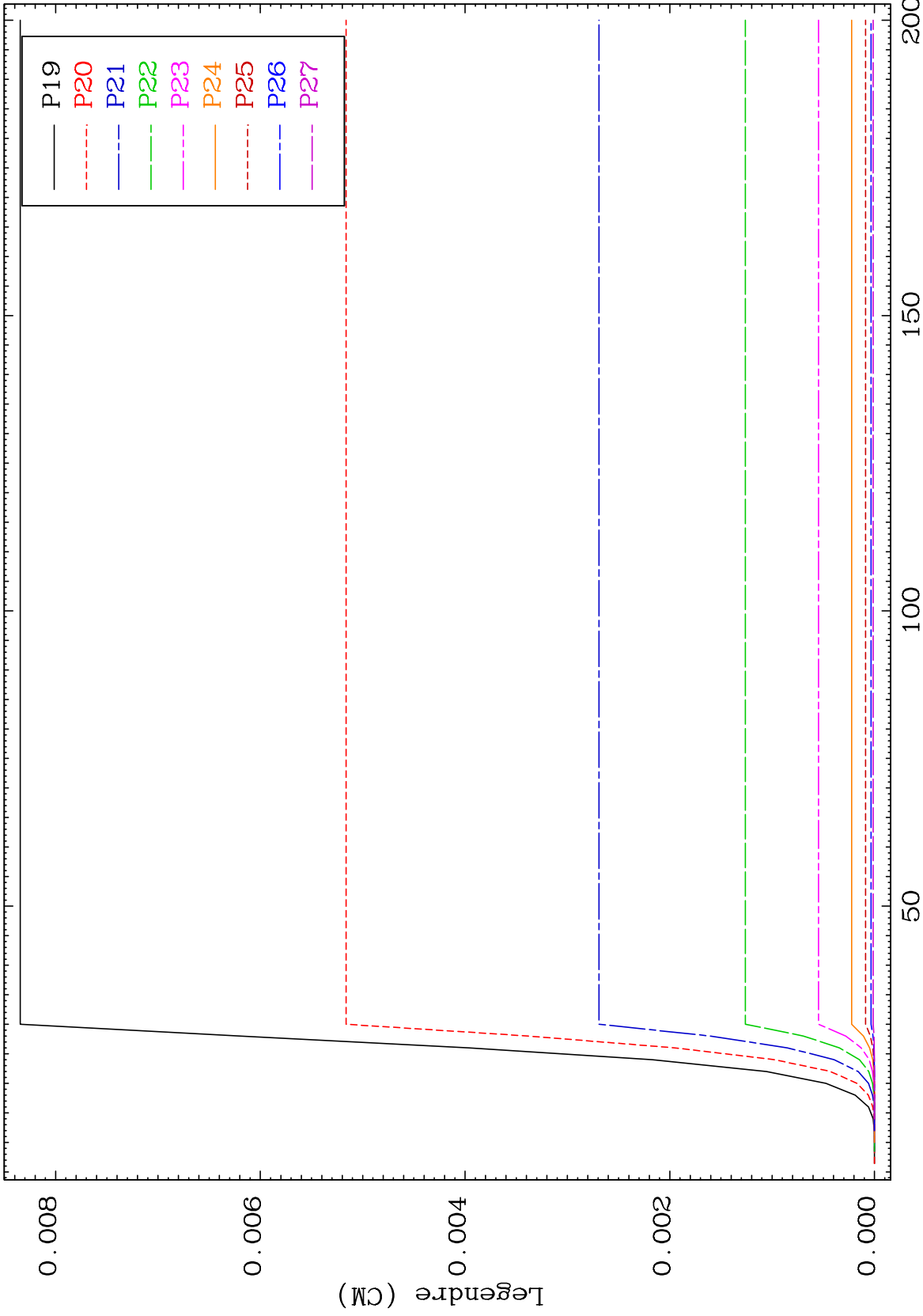
Incident Energy (MeV)

55-Cs-125

MAT 5501

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

55-Cs-125



33

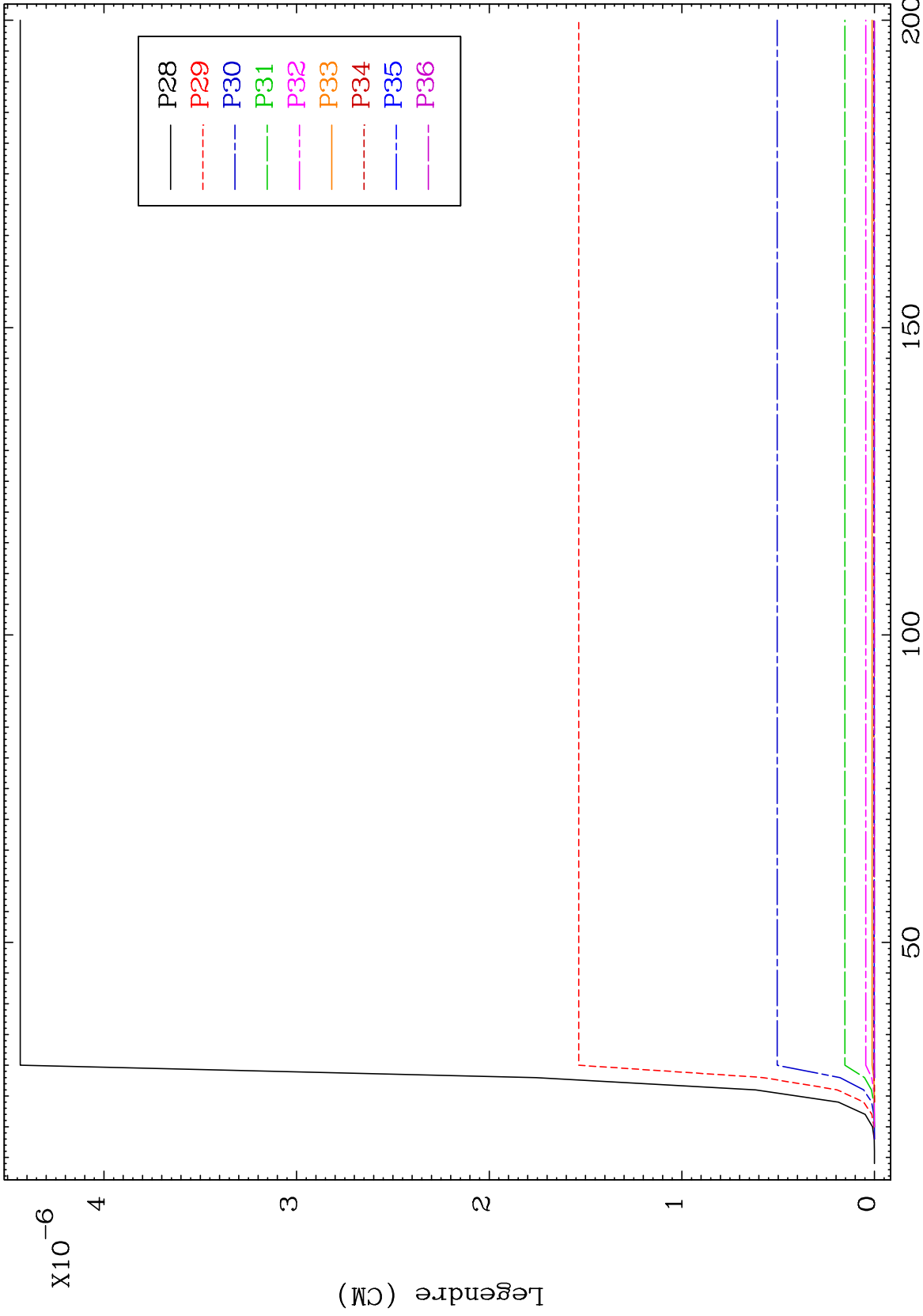
Incident Energy (MeV)

55-Cs-125

MAT 5501

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

55-Cs-125

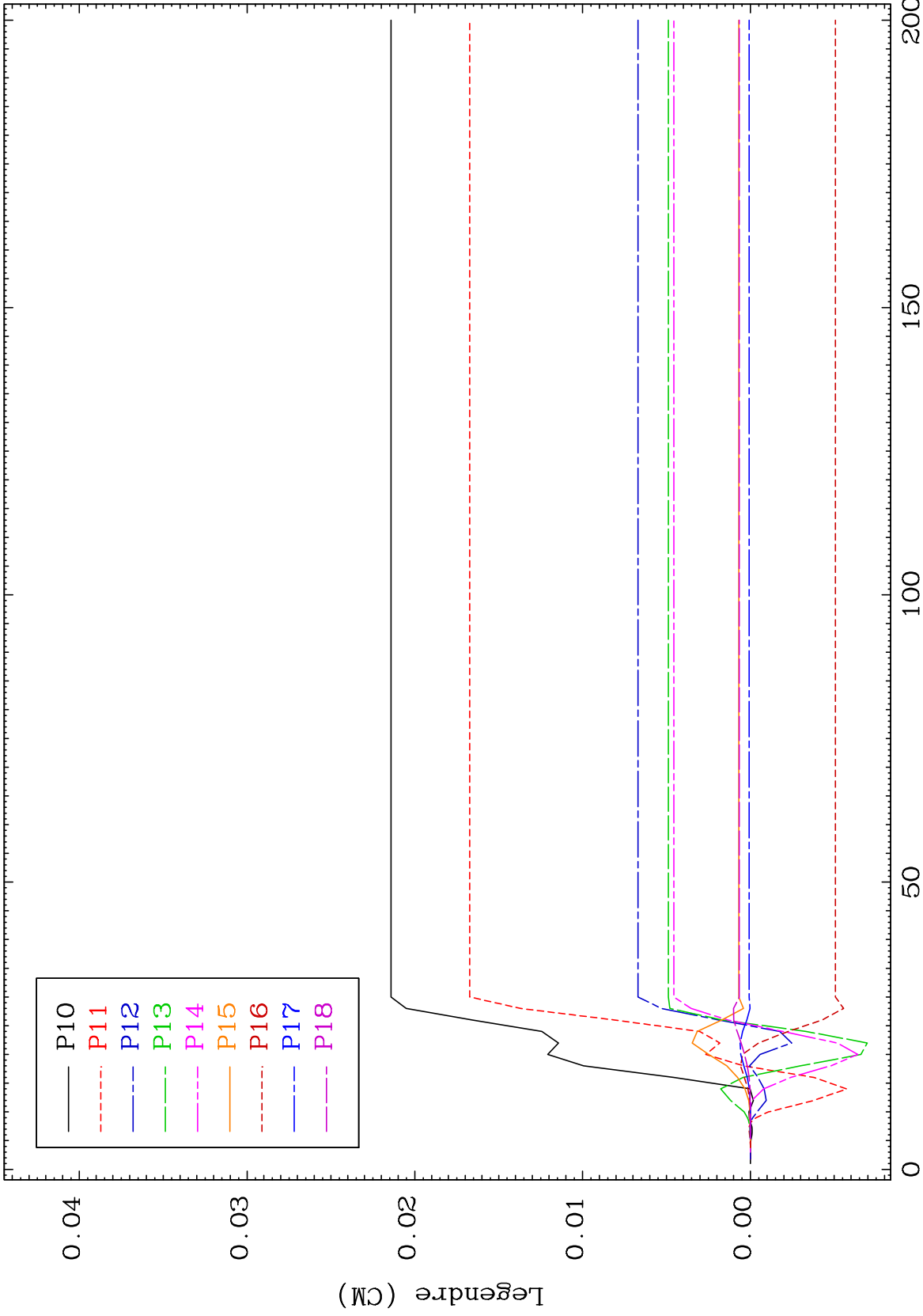




MAT 5501

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

55-Cs-125



36

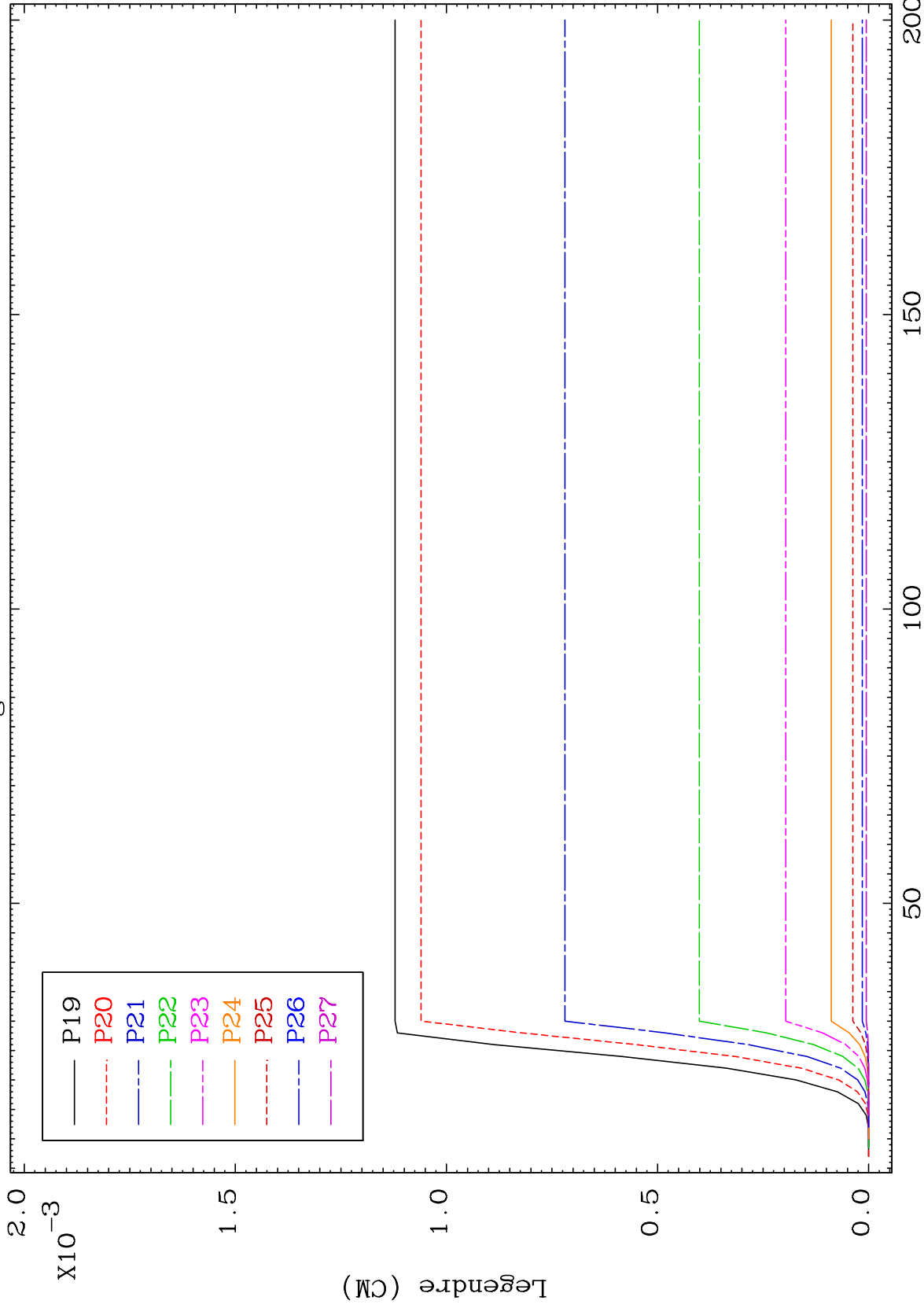
Incident Energy (MeV)

55-Cs-125

MAT 5501

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

55-Cs-125



37

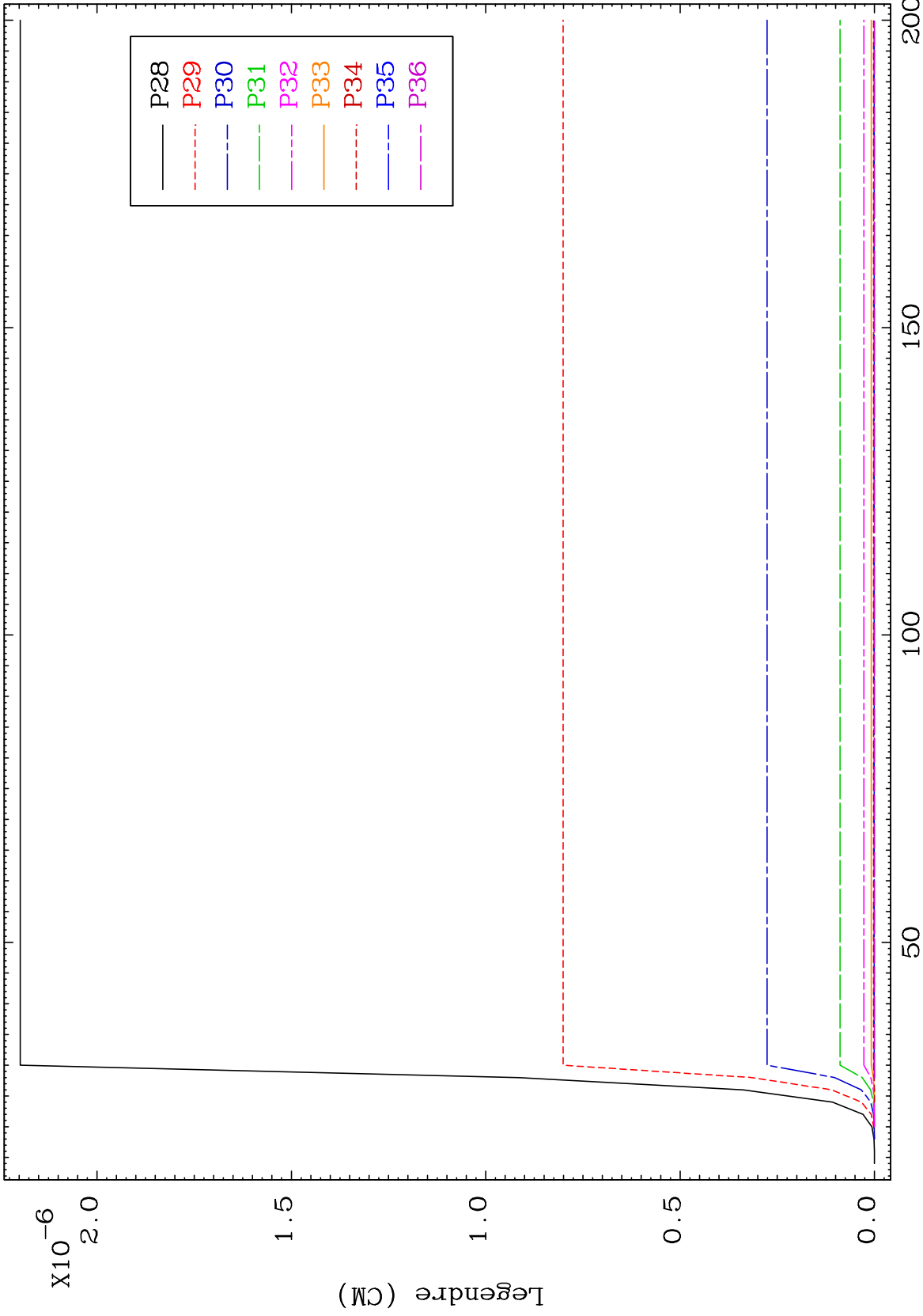
Incident Energy (MeV)

55-Cs-125

MAT 5501

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

55-Cs-125



38

Incident Energy (MeV)

55-Cs-125

200

150

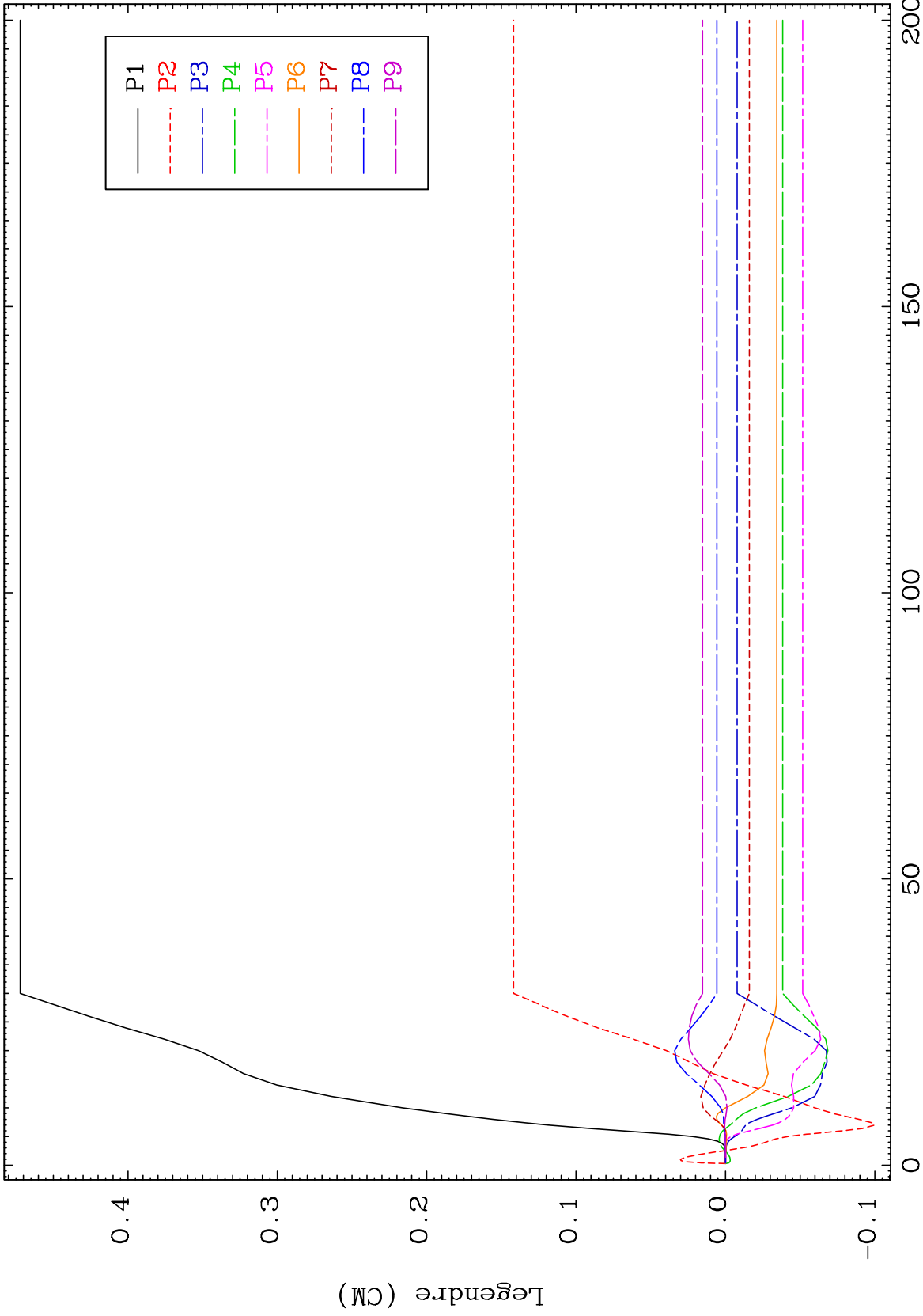
100

50

MAT 5501

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

55-Cs-125

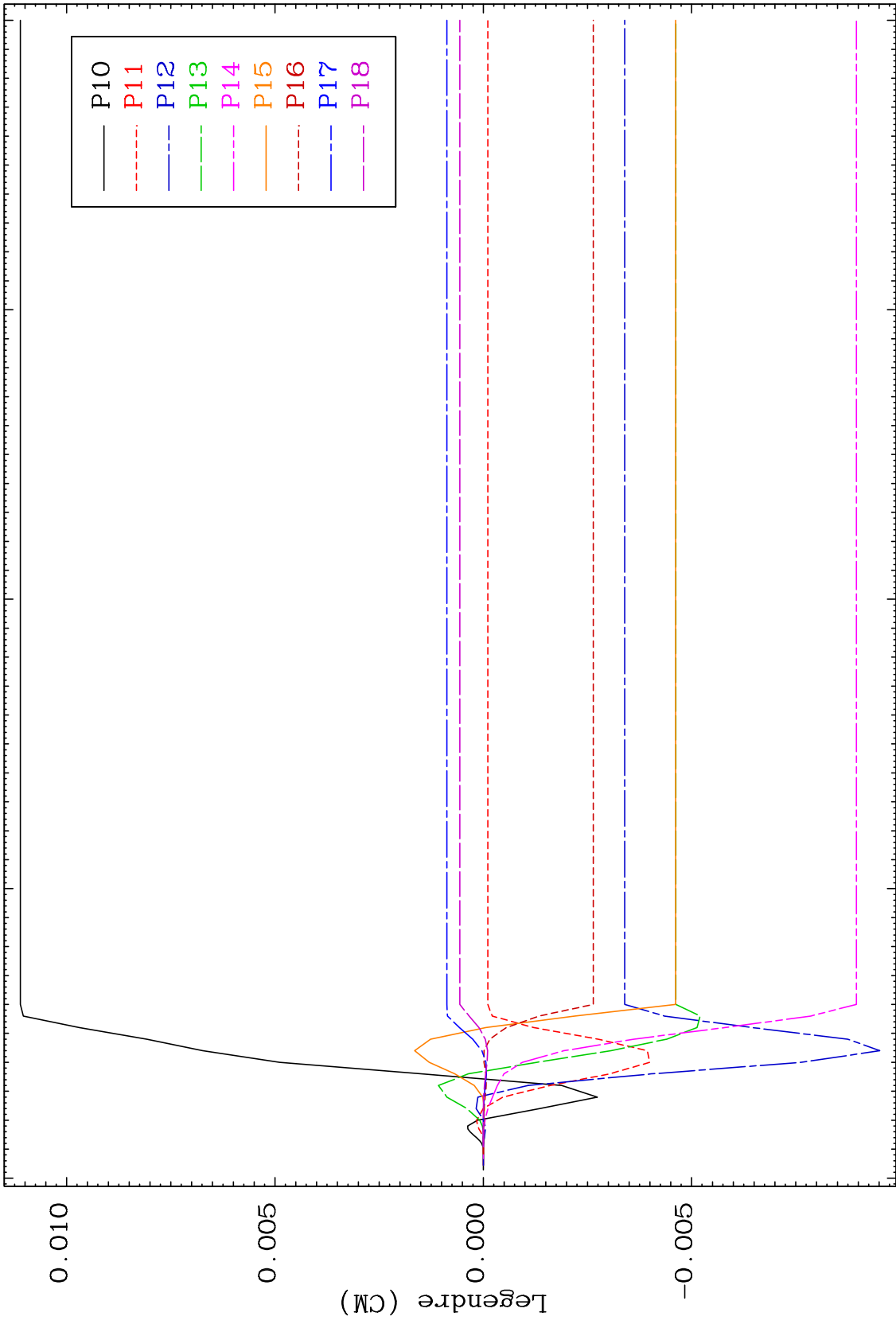


39

Incident Energy (MeV)

55-Cs-125

MAT 5501 MT= 56 (n,n') Level Legendre Coefficients 55-Cs-125

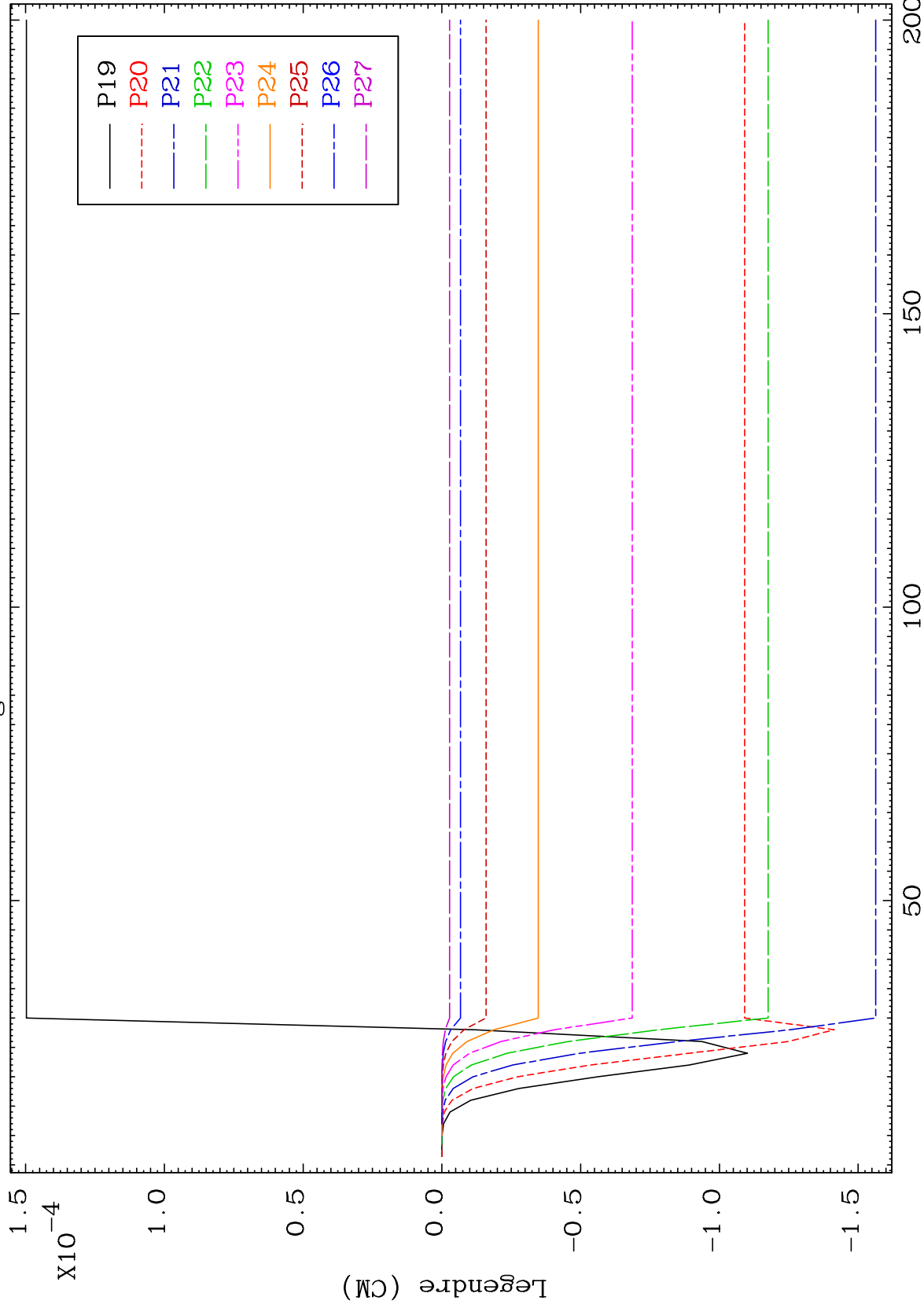


Legendre (CM) Incident Energy (MeV) 55-Cs-125

MAT 5501

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

55-Cs-125

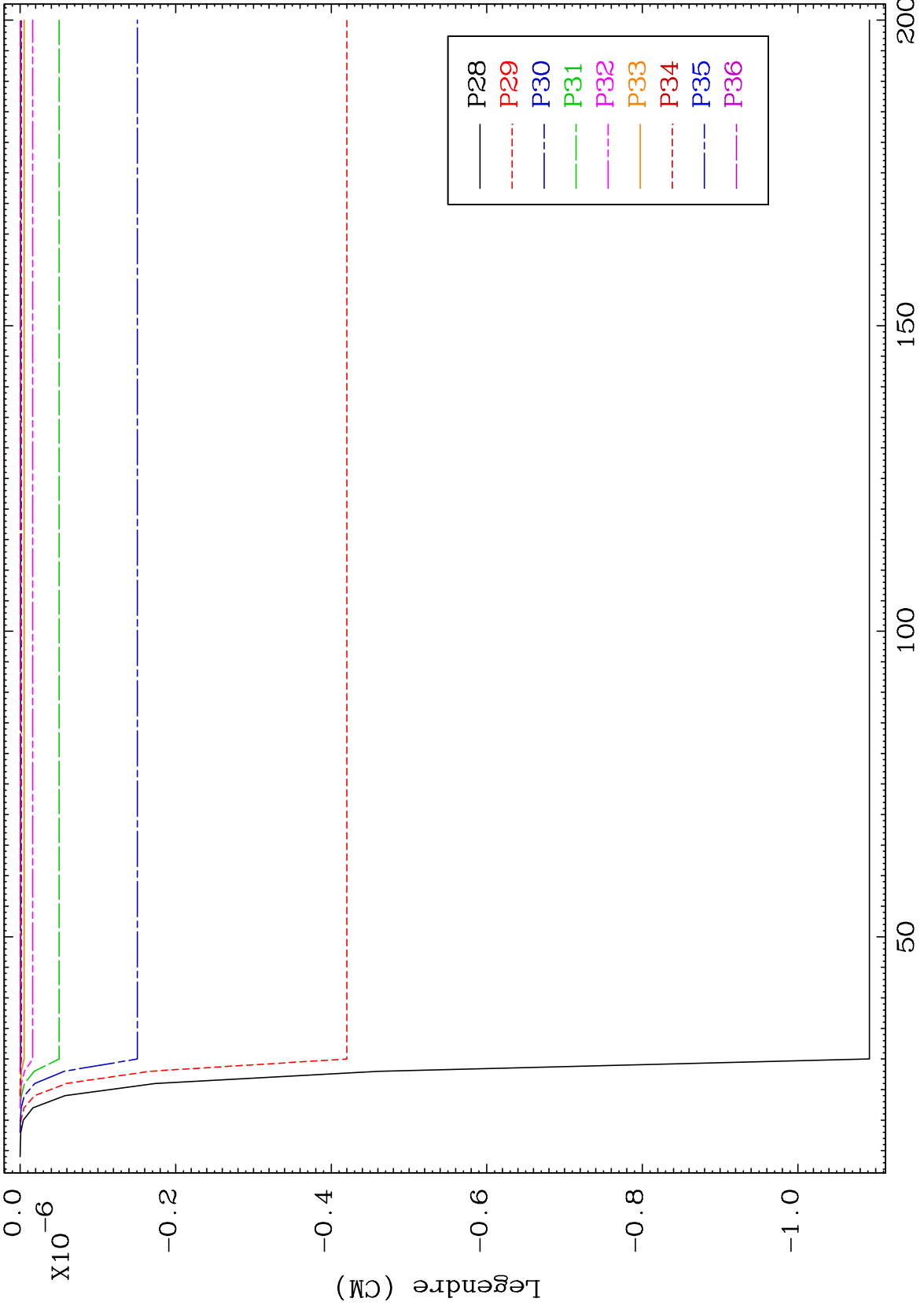


41

Incident Energy (MeV)

55-Cs-125

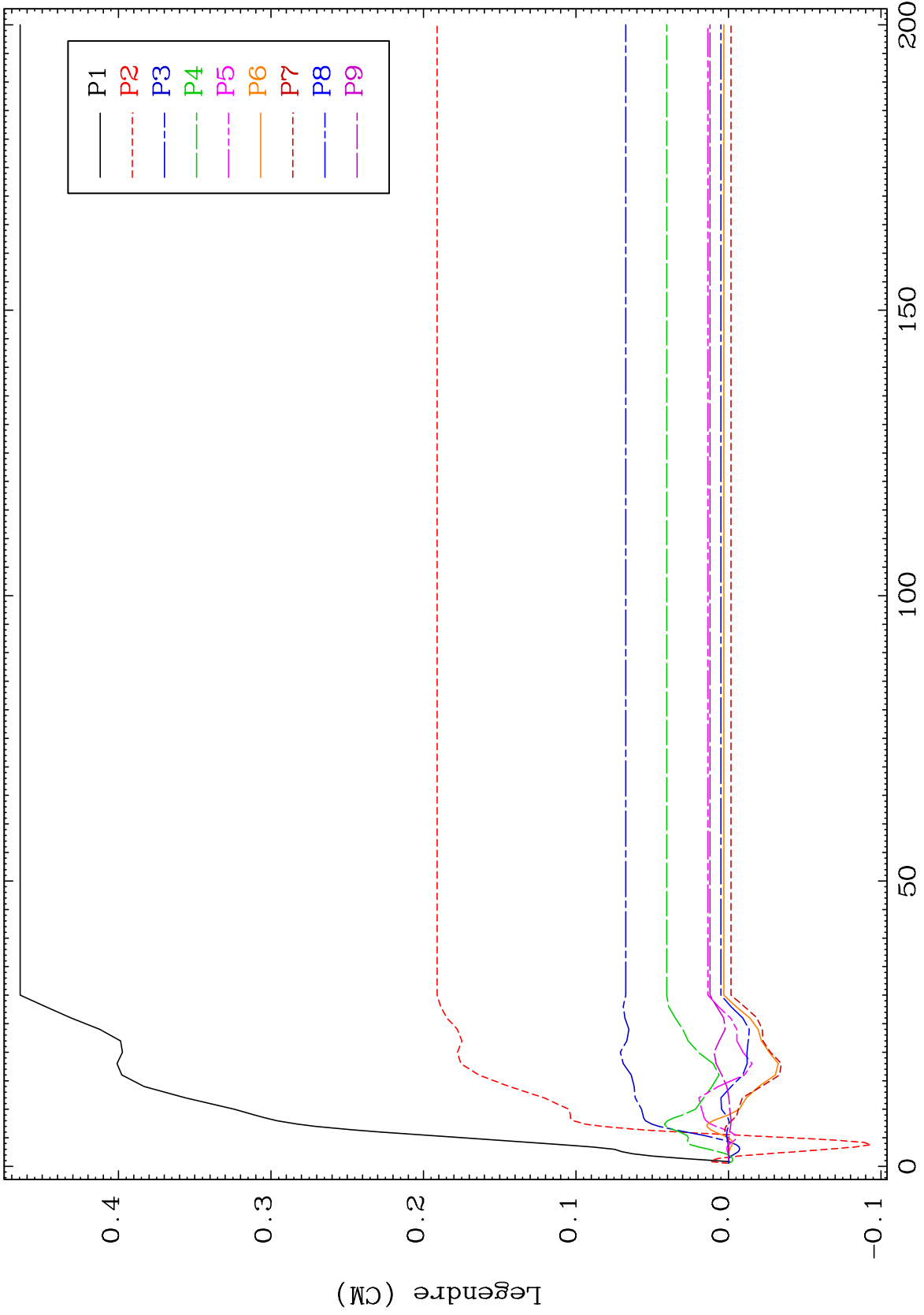
MAT 5501 MT= 56 (n,n') Level Legendre Coefficients 55-Cs-125



MAT 5501

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

55-Cs-125



43

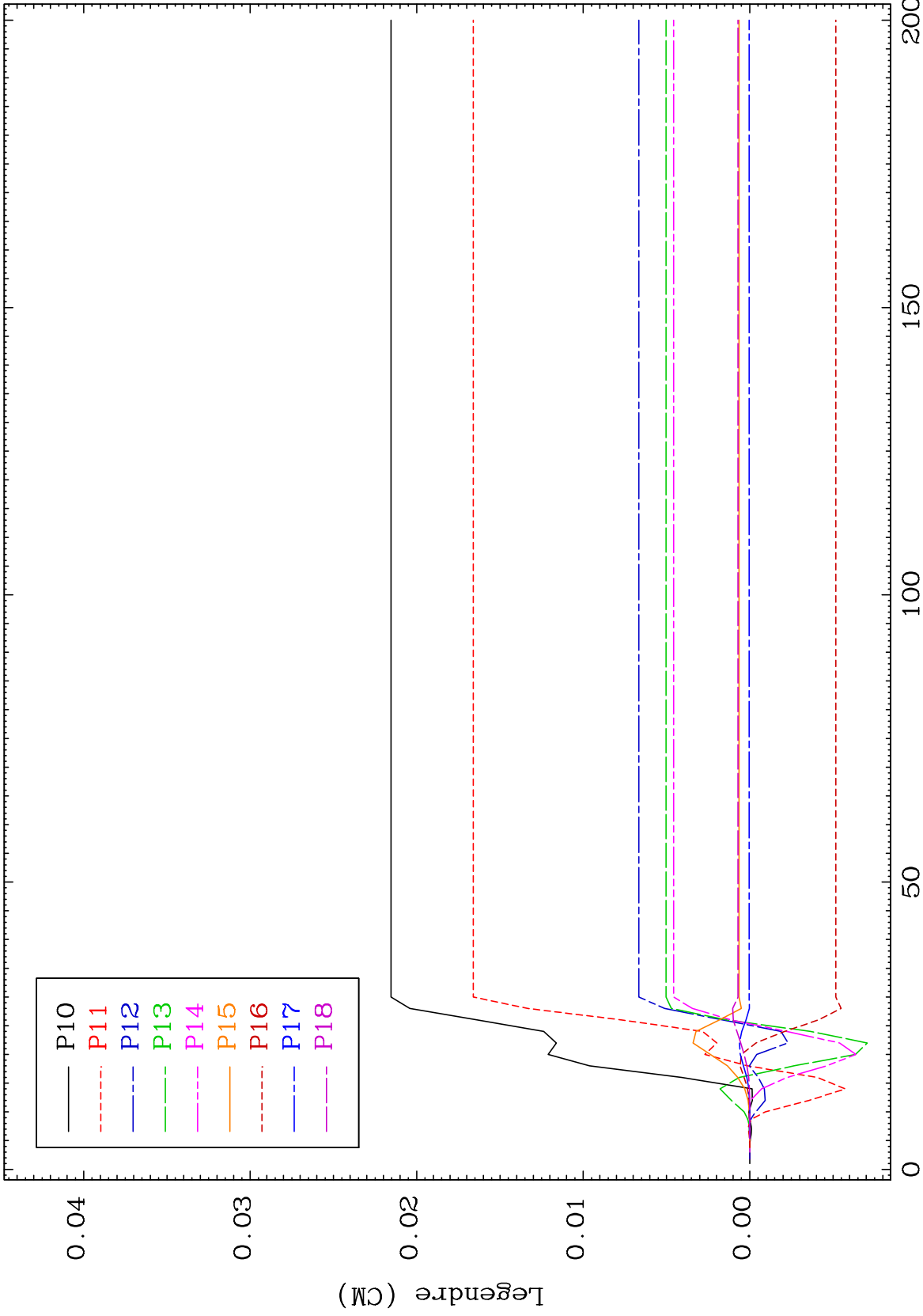
Incident Energy (MeV)

55-Cs-125

MAT 5501

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

55-Cs-125



44

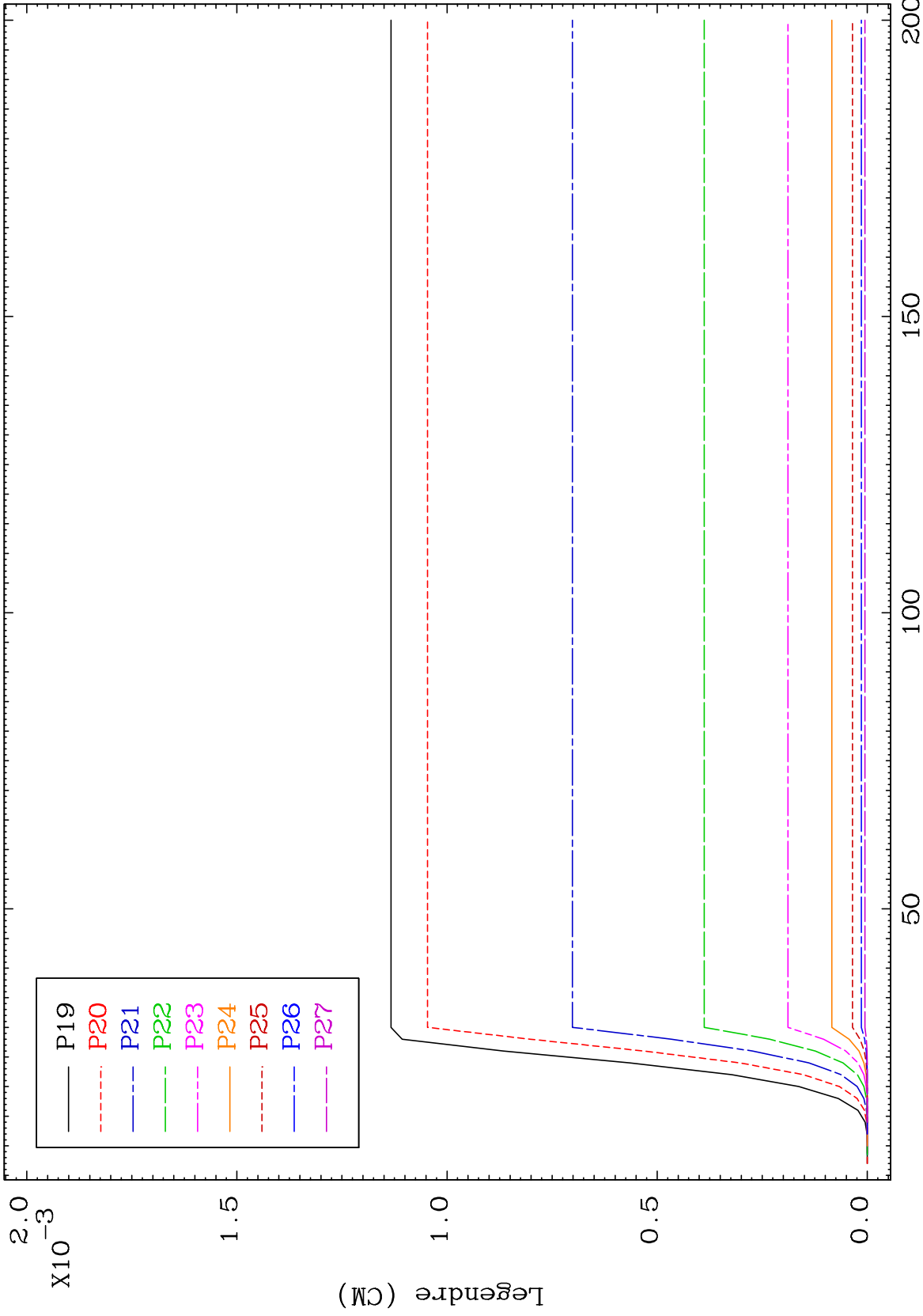
Incident Energy (MeV)

55-Cs-125

MAT 5501

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

55-Cs-125



45

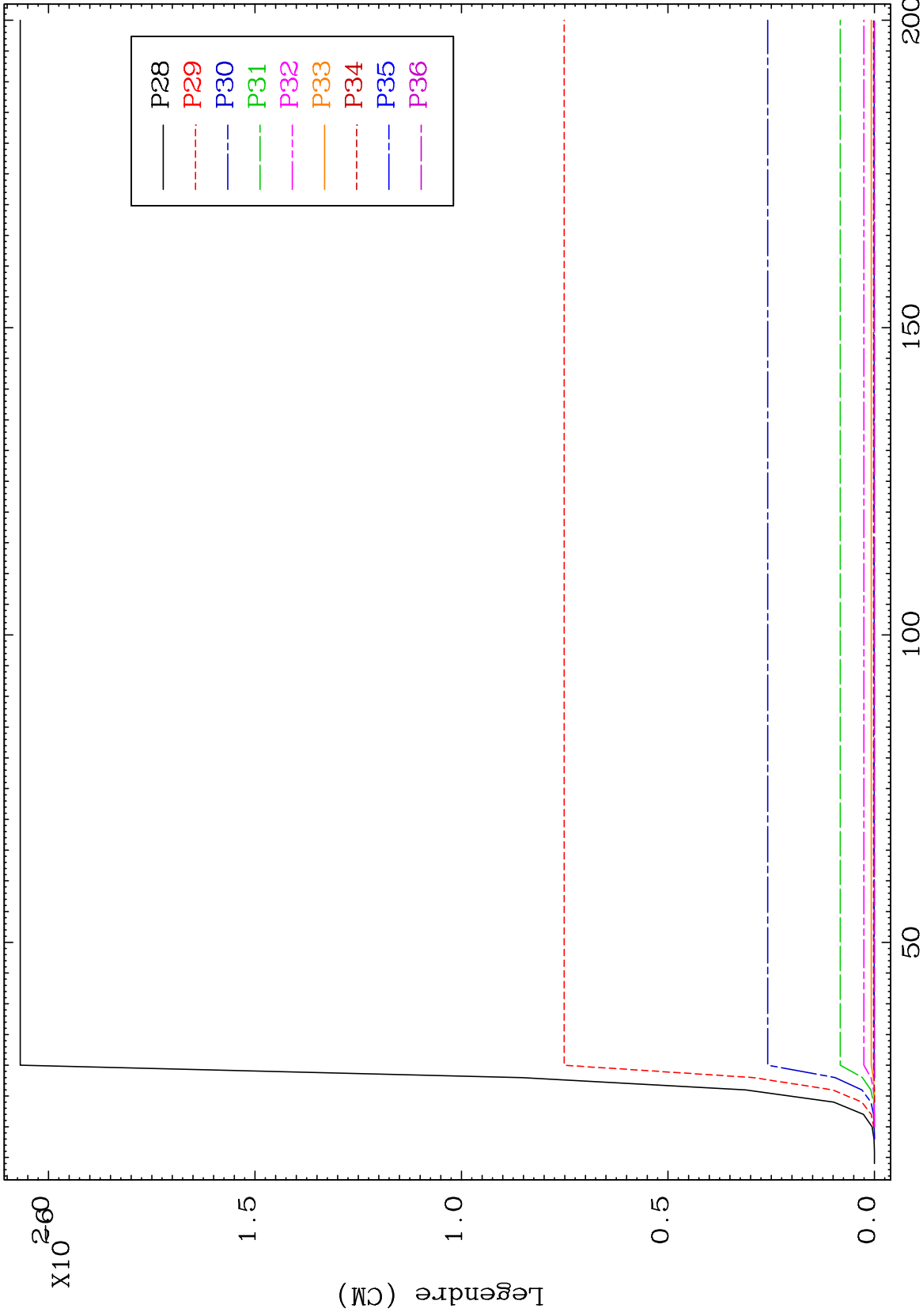
Incident Energy (MeV)

55-Cs-125

MAT 5501

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

55-Cs-125

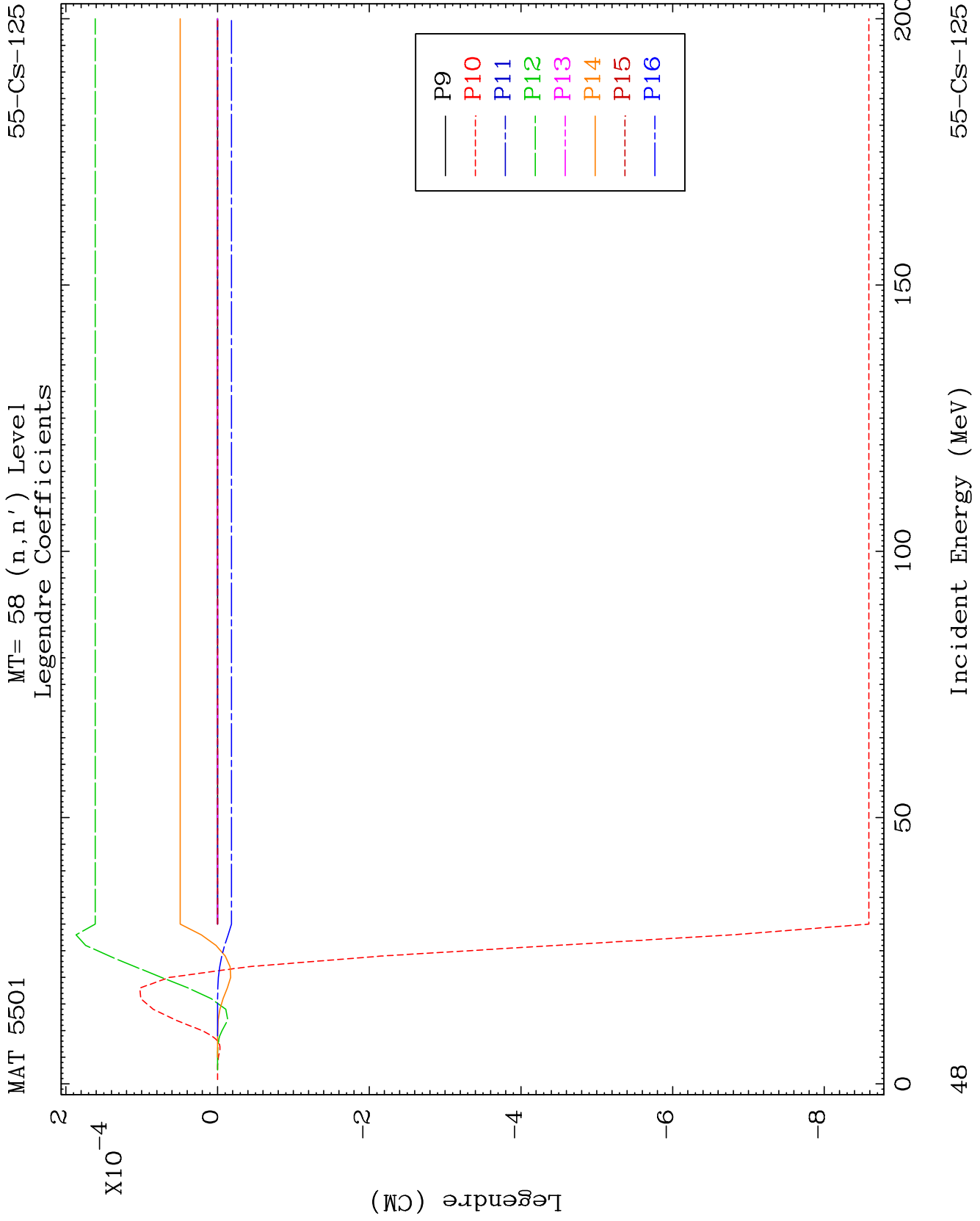


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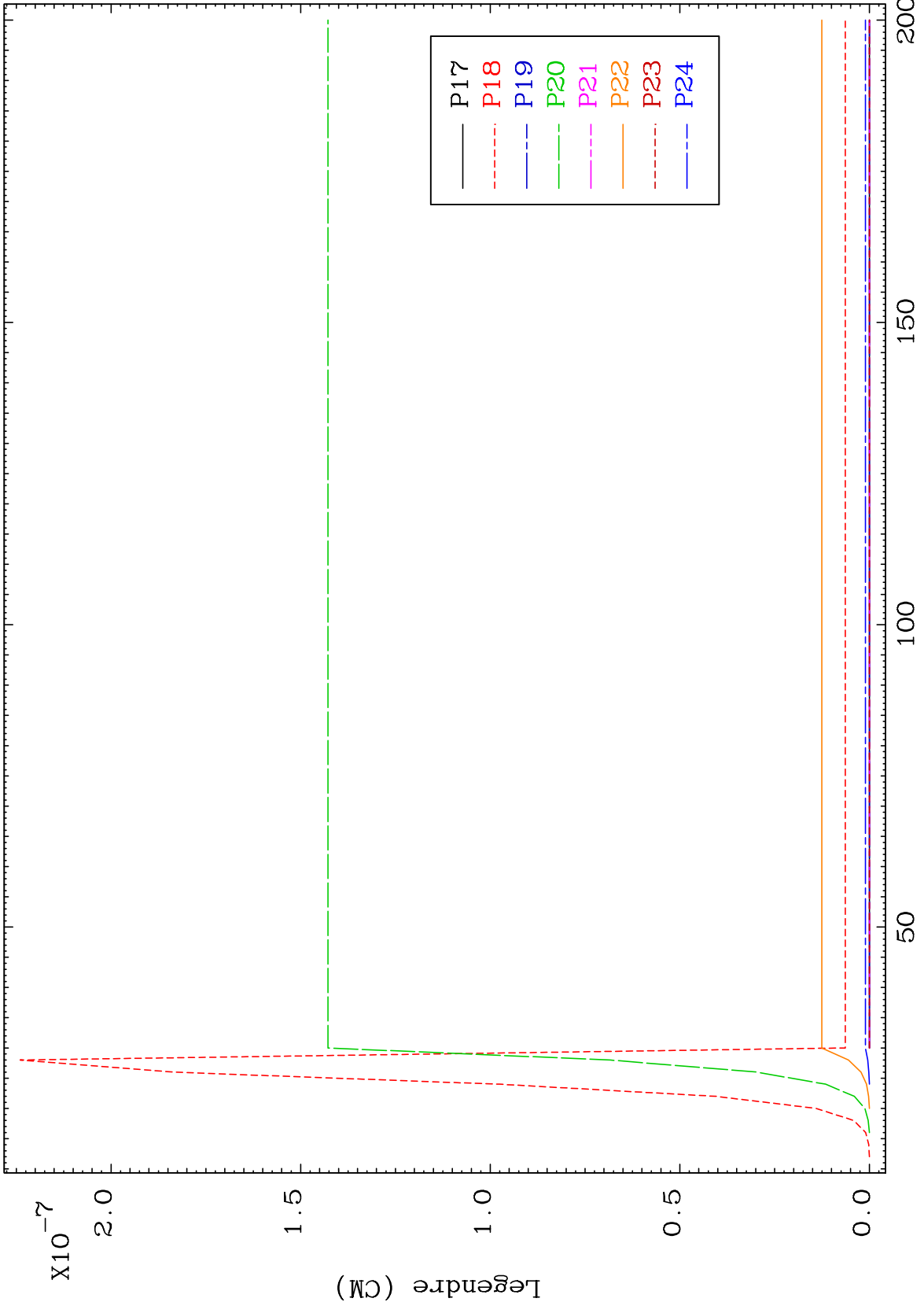
Incident Energy (MeV)

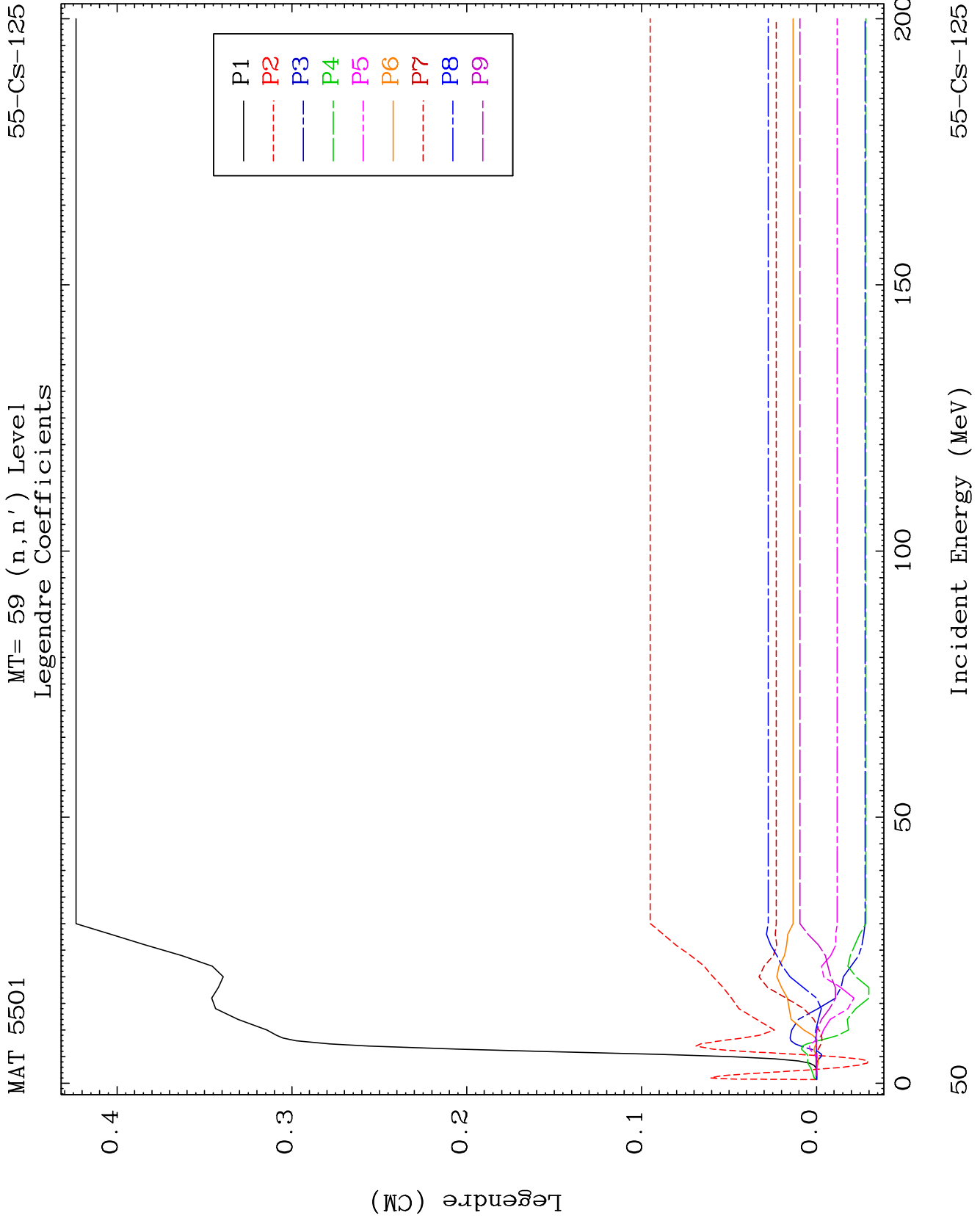
55-Cs-125



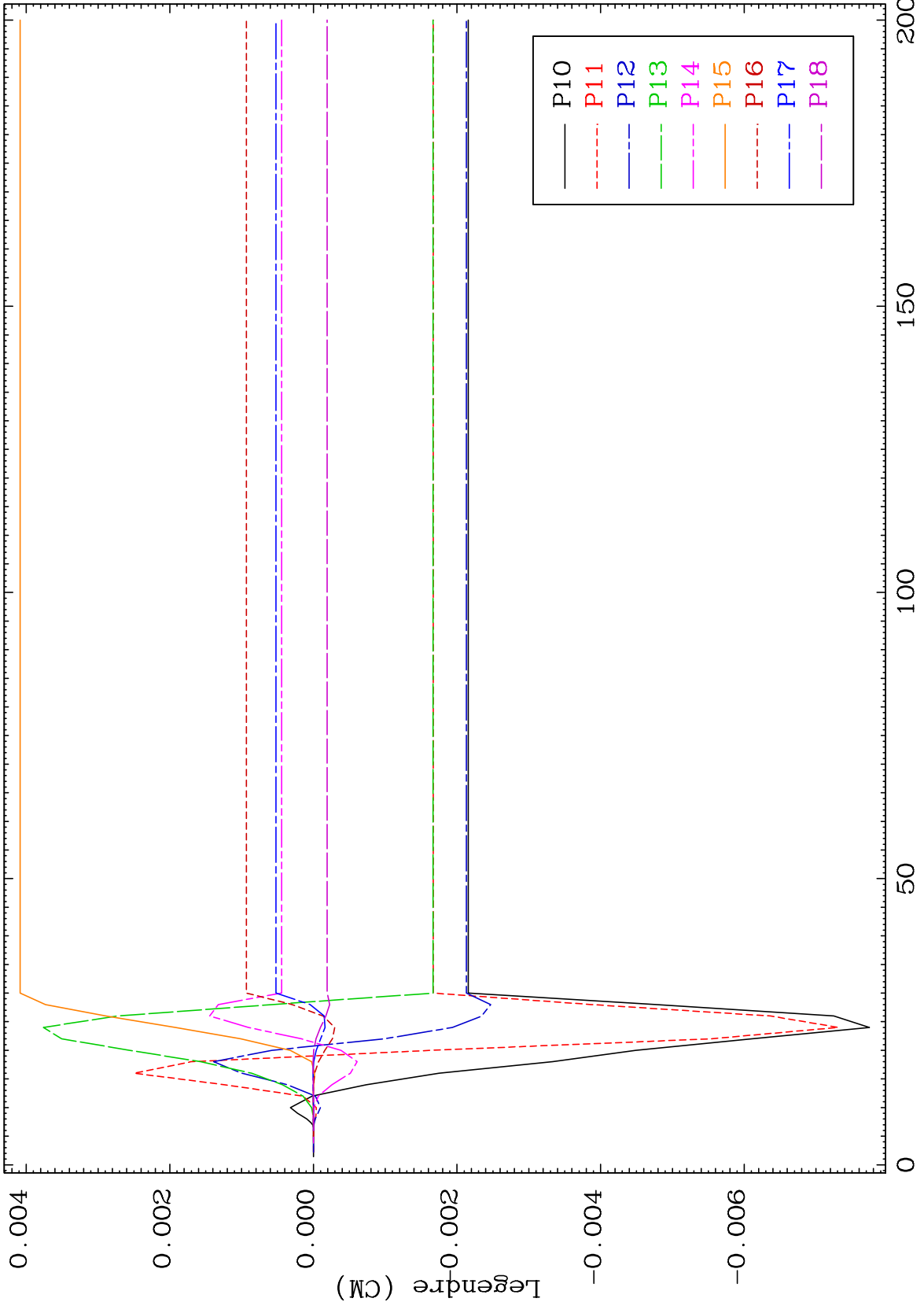


MAT 5501 MT= 58 (n,n') Level Legendre Coefficients 55-Cs-125



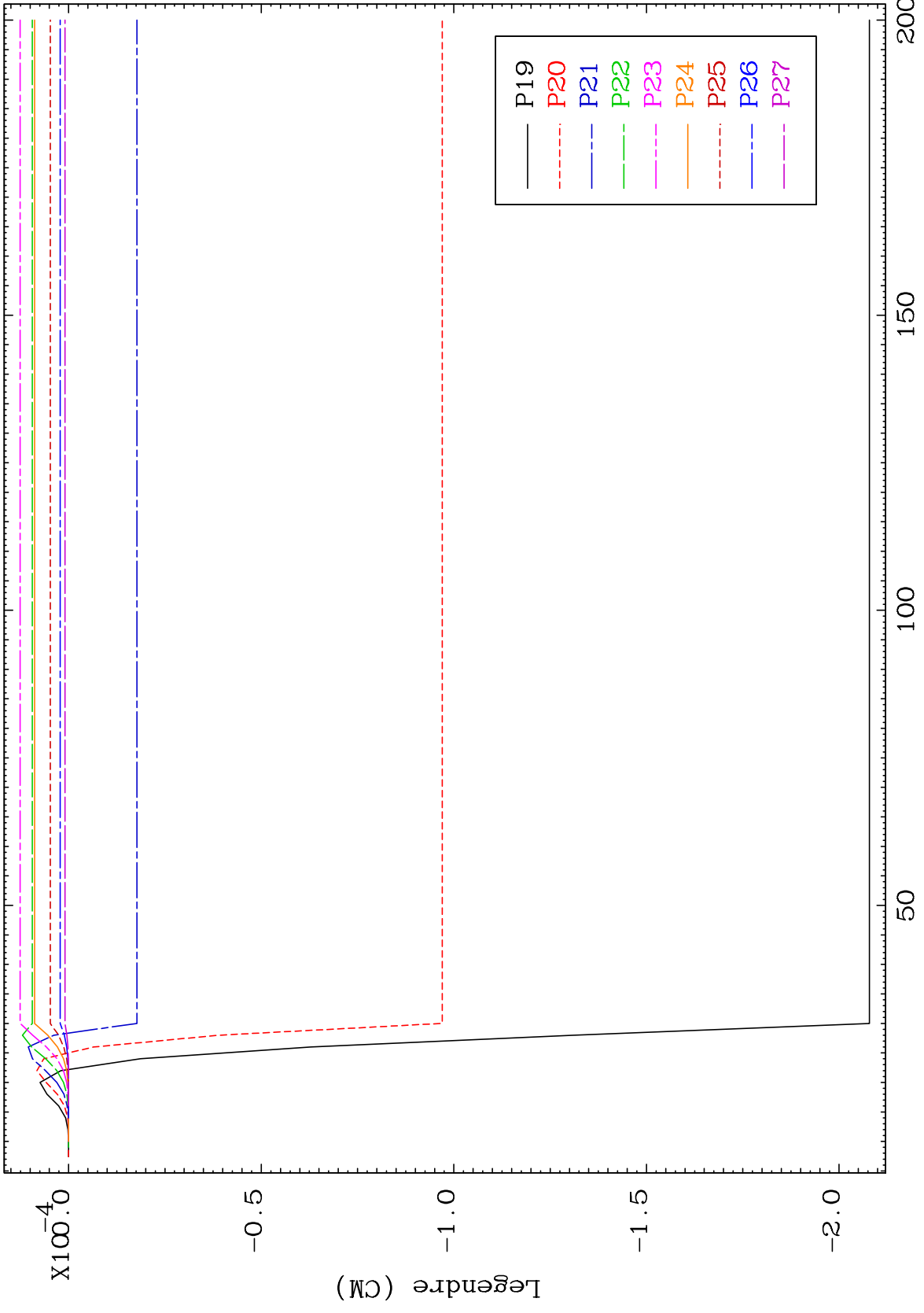


MAT 5501 MT= 59 (n,n') Level Legendre Coefficients 55-Cs-125



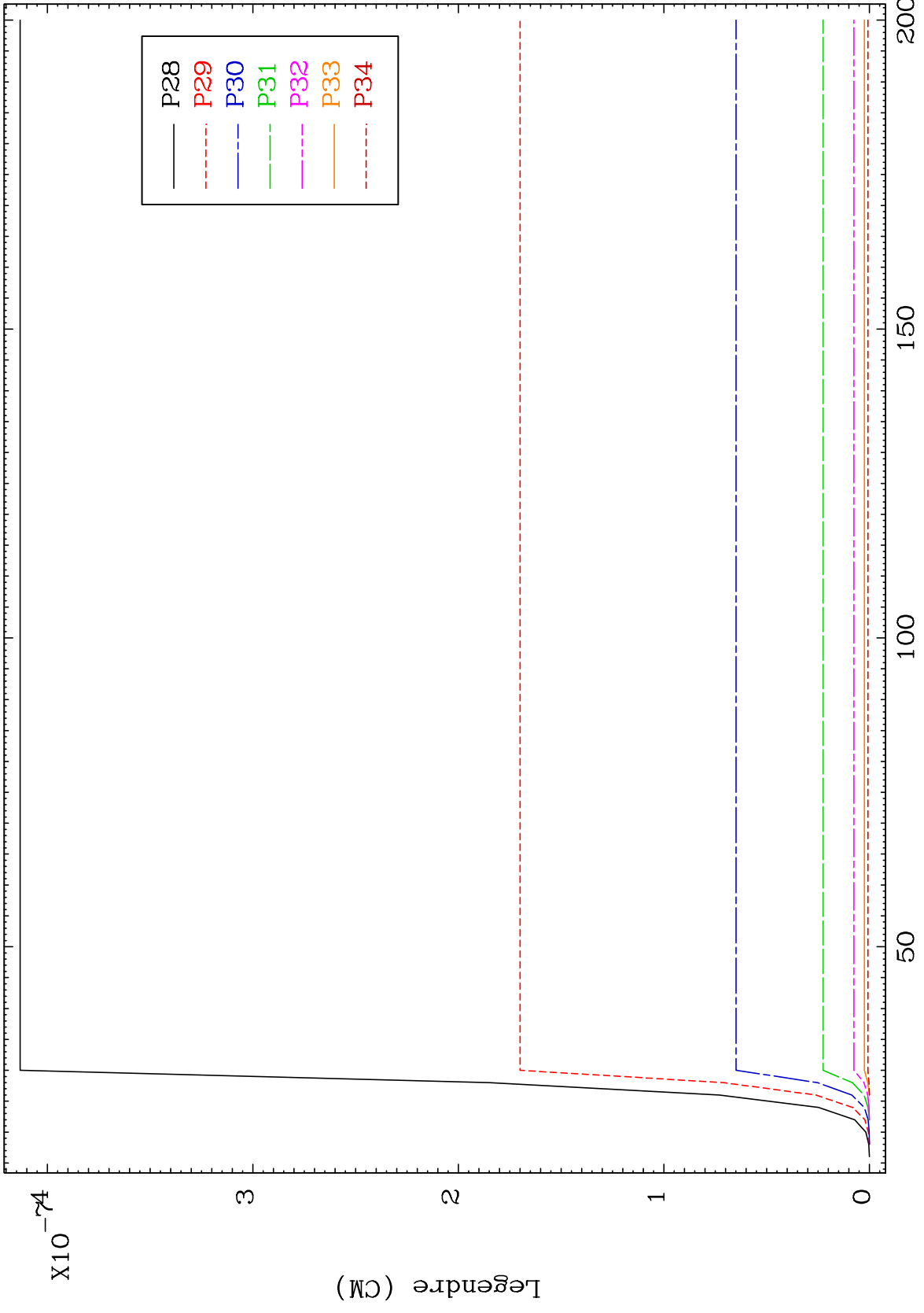
51 55-Cs-125

MAT 5501 MT= 59 (n,n') Level Legendre Coefficients 55-Cs-125

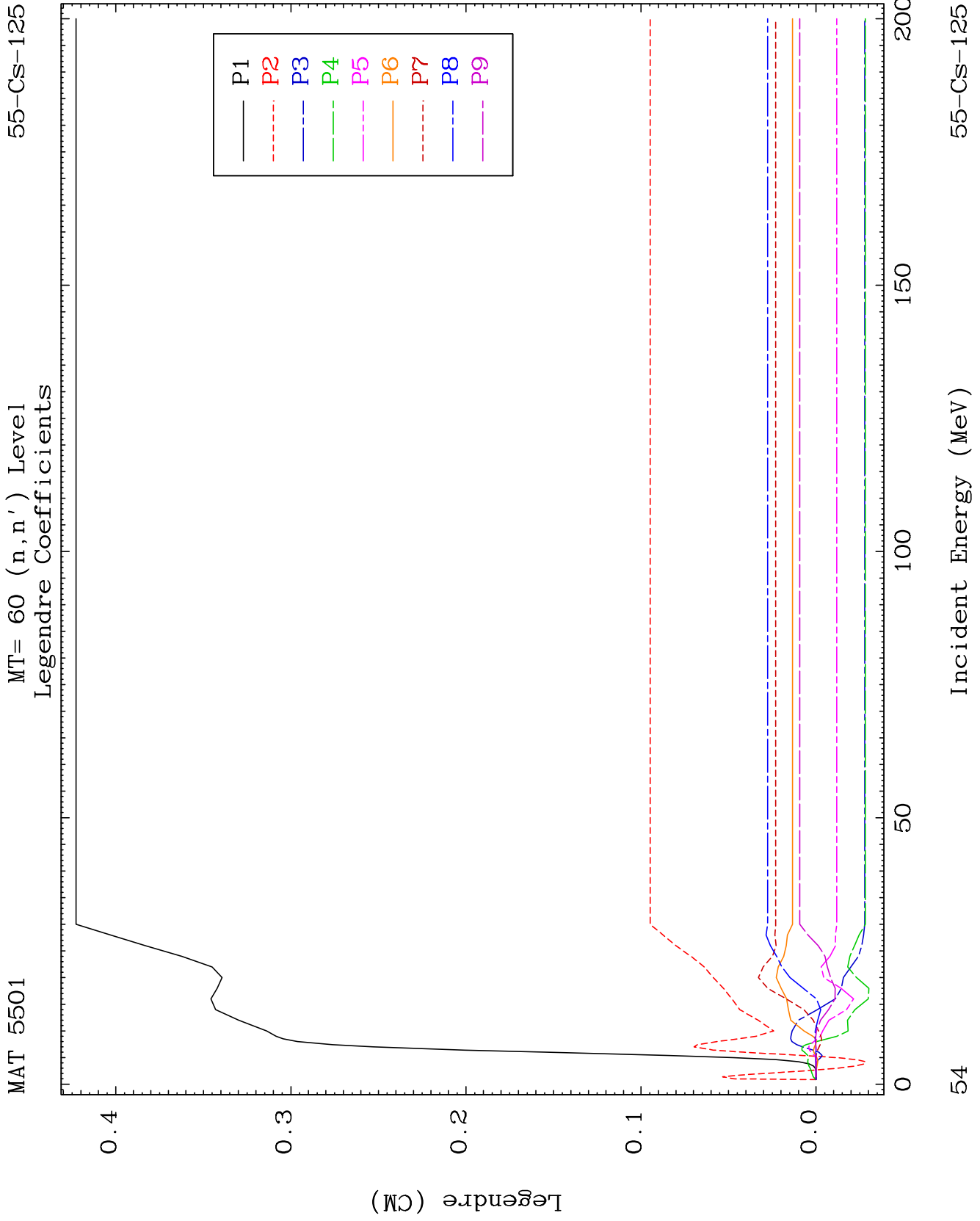


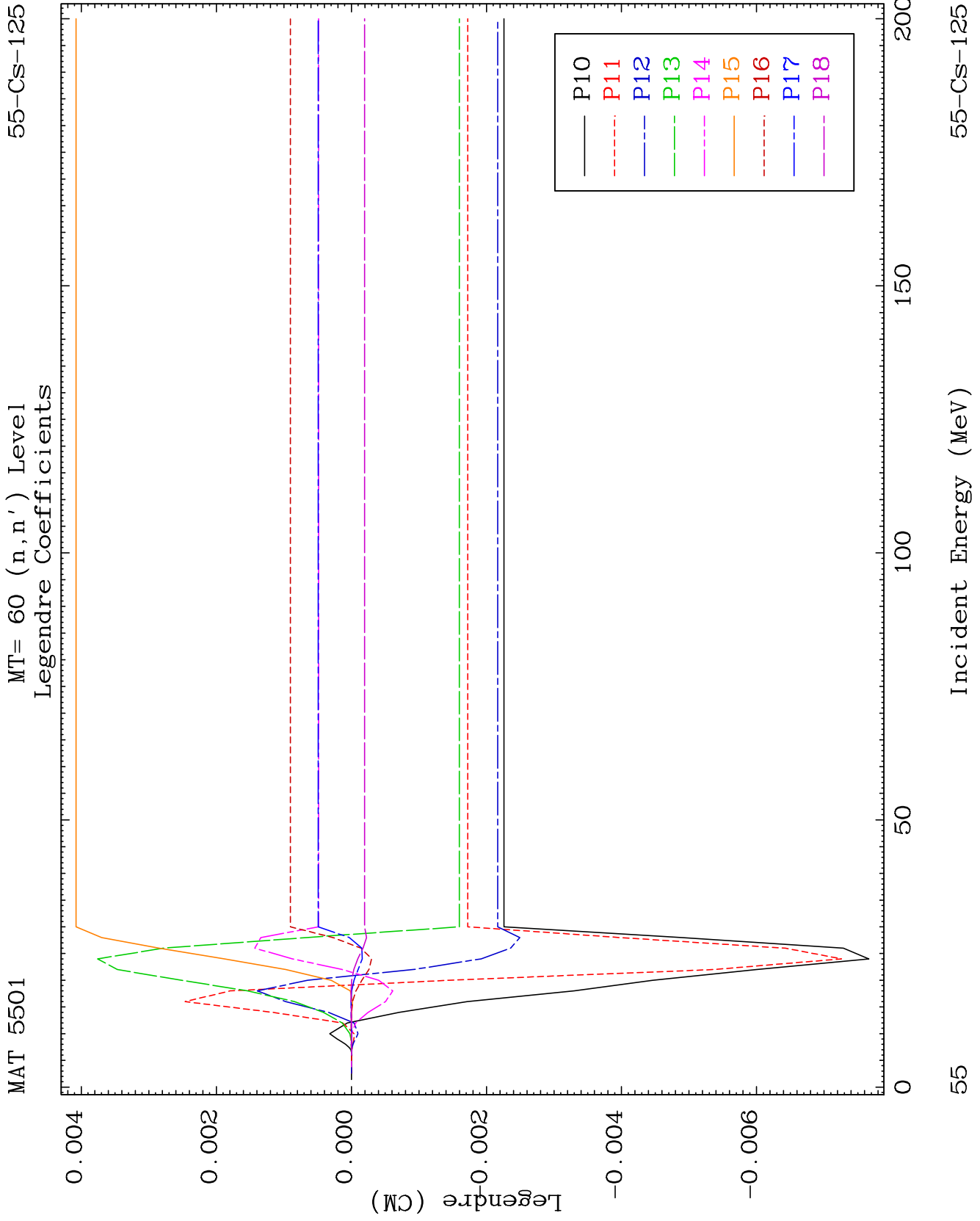
52 55-Cs-125

MAT 5501 MT= 59 (n,n') Level Legendre Coefficients 55-Cs-125

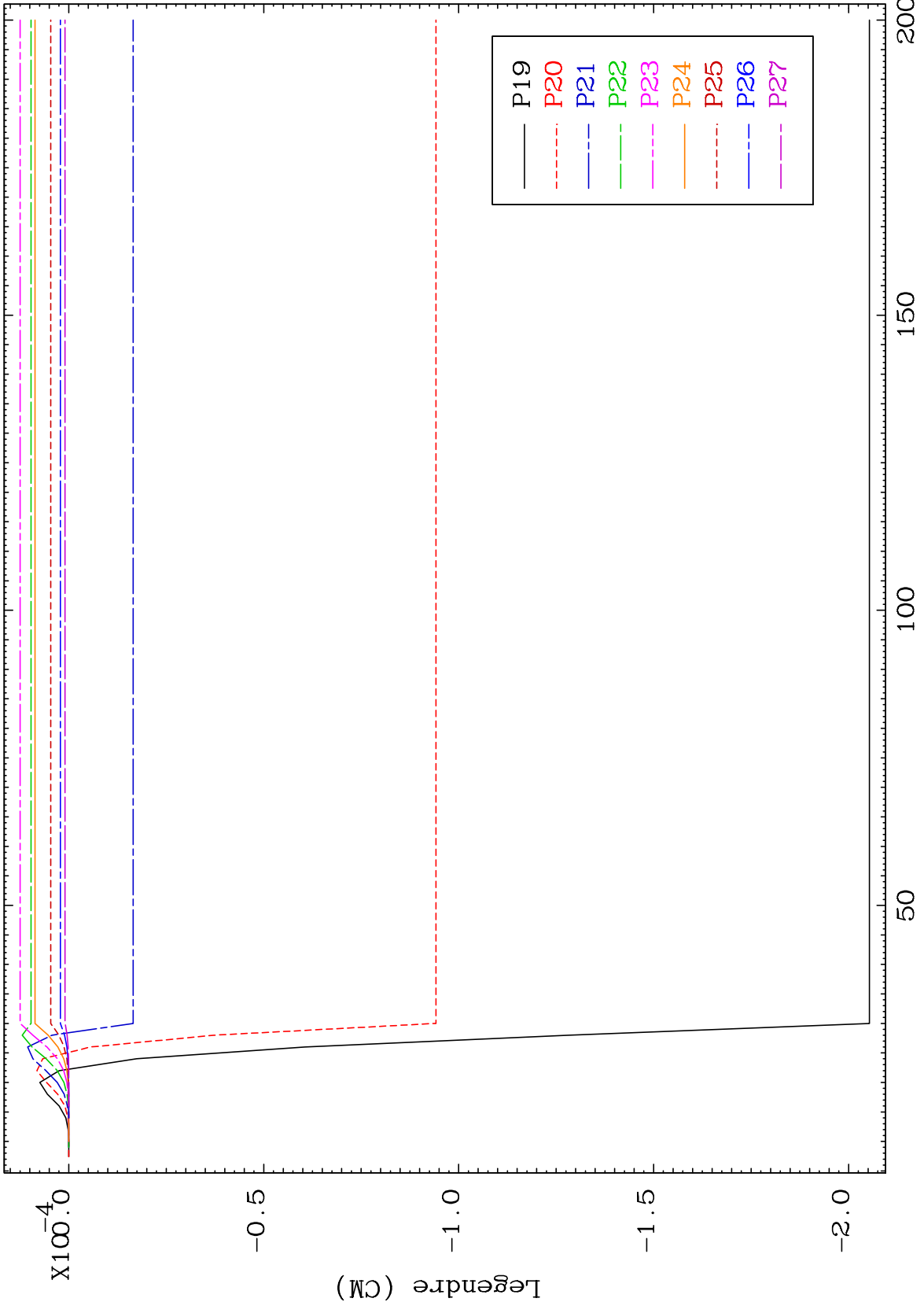


53 55-Cs-125



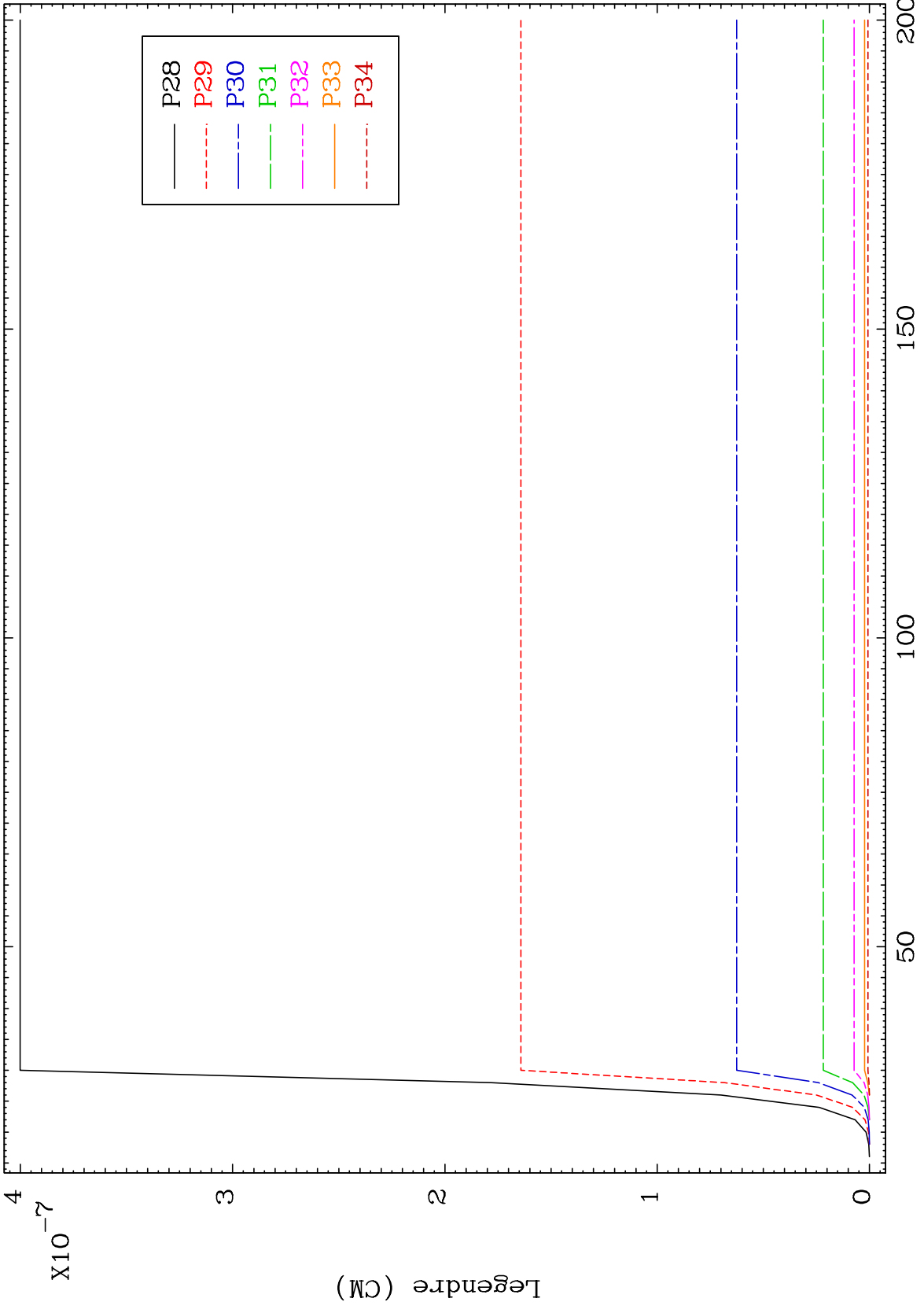


MAT 5501 MT= 60 (n,n') Level Legendre Coefficients 55-Cs-125



56 55-Cs-125

MAT 5501 MT= 60 (n,n') Level Legendre Coefficients 55-Cs-125

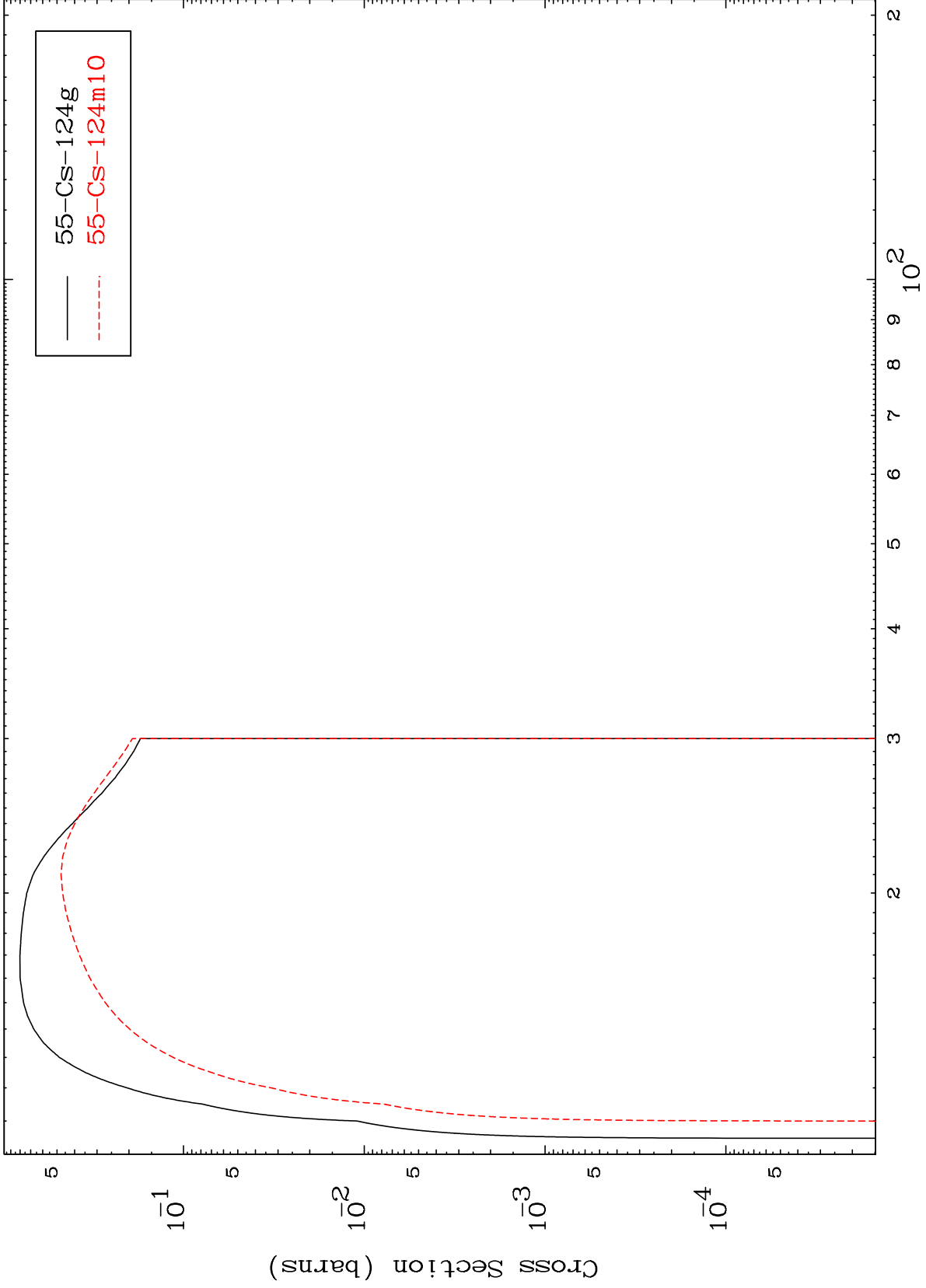


MAT 5501

(n,2n)

55-Cs-125

Radionuclide Production Cross Section



58

Incident Energy (MeV)

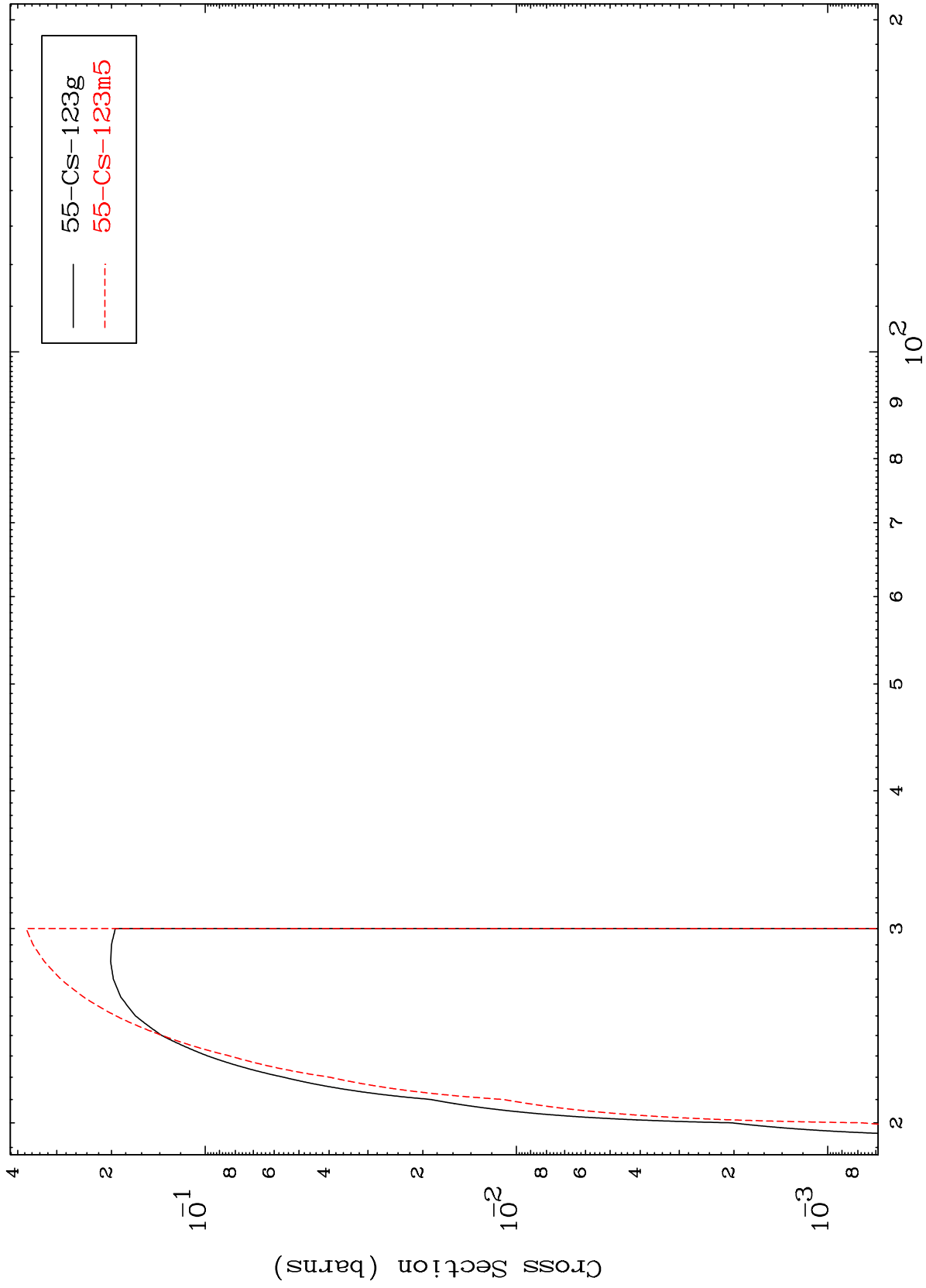
55-Cs-125

MAT 5501

(n,3n)

55-Cs-125

Radionuclide Production Cross Section



59

Incident Energy (MeV)

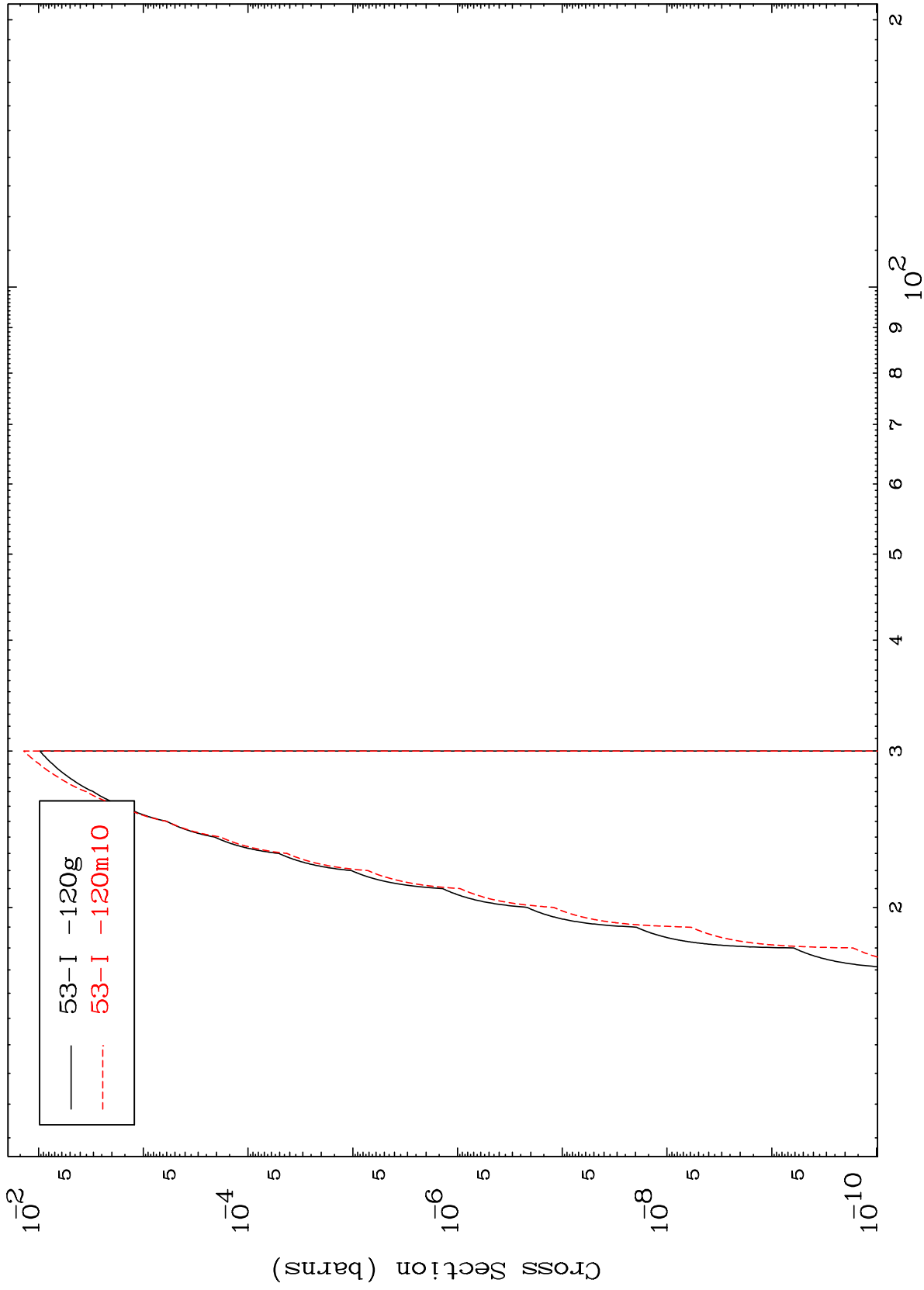
55-Cs-125

MAT 5501

(n,2n)  $\alpha$

55-Cs-125

Radionuclide Production Cross Section



60

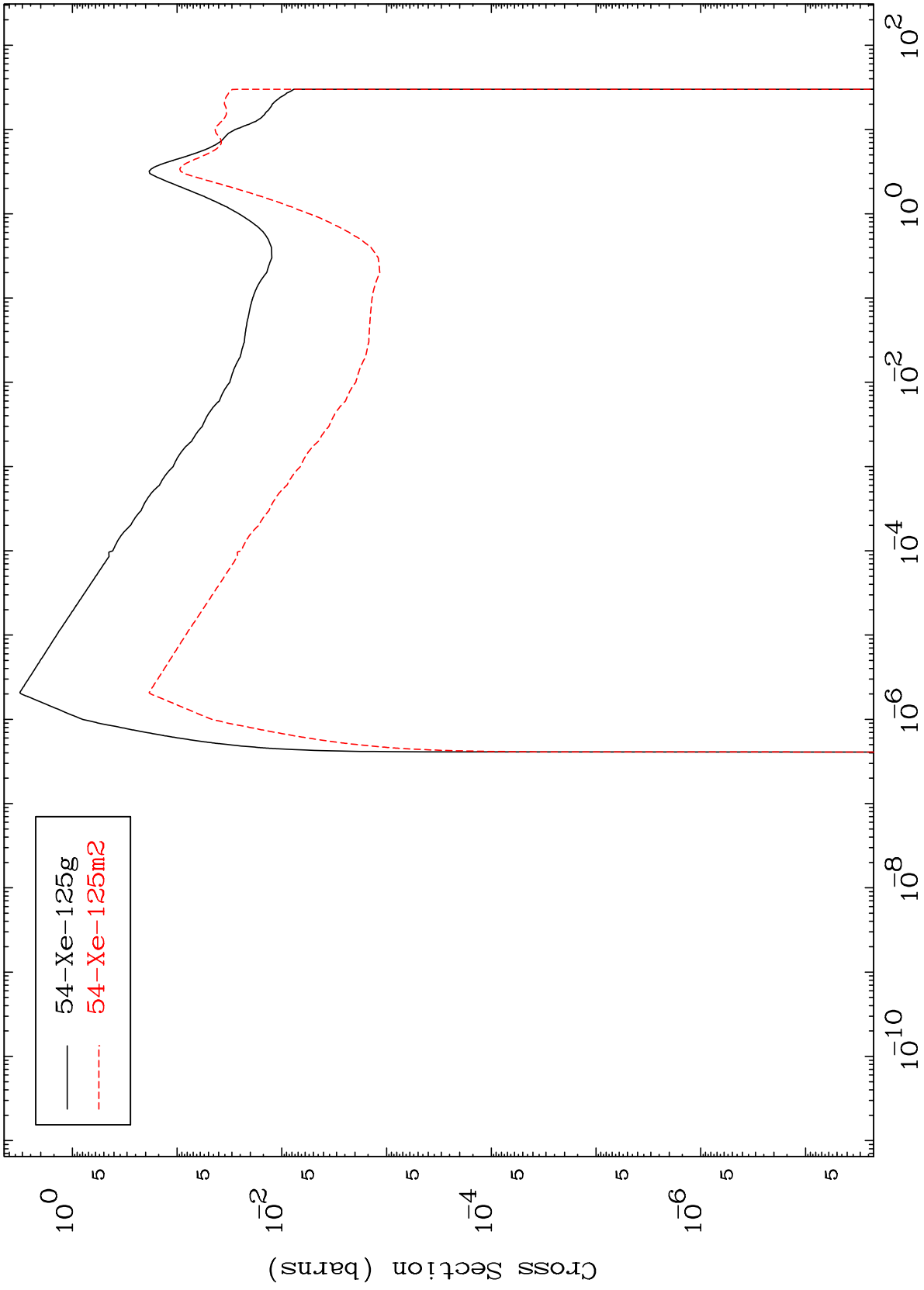
Incident Energy (MeV)

55-Cs-125

MAT 5501

55-Cs-125

(n,p)  
Radionuclide Production Cross Section



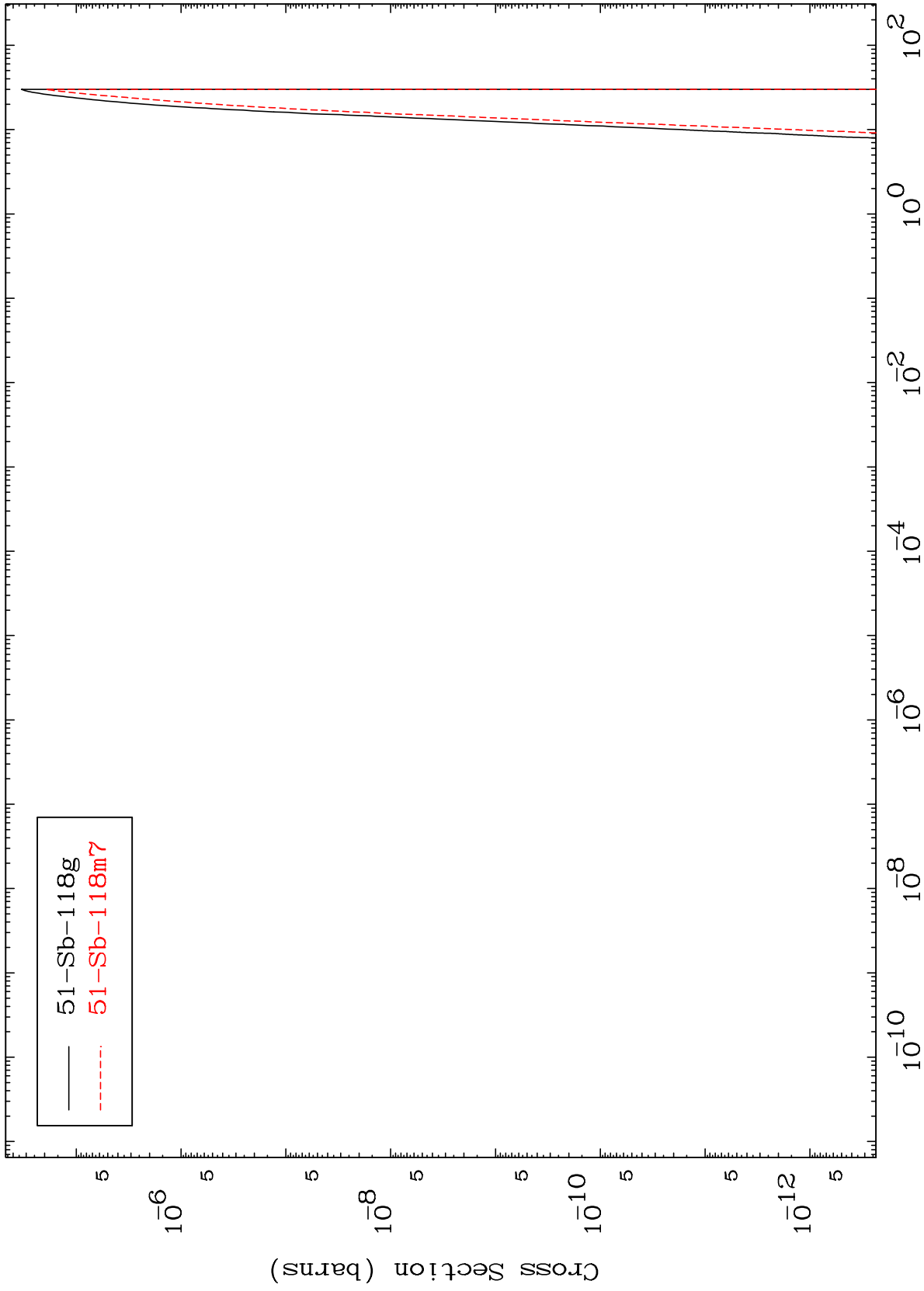
— 54-Xe-125g  
- - - 54-Xe-125m2

MAT 5501

(n,2α)

55-Cs-125

Radionuclide Production Cross Section



62

Incident Energy (MeV)

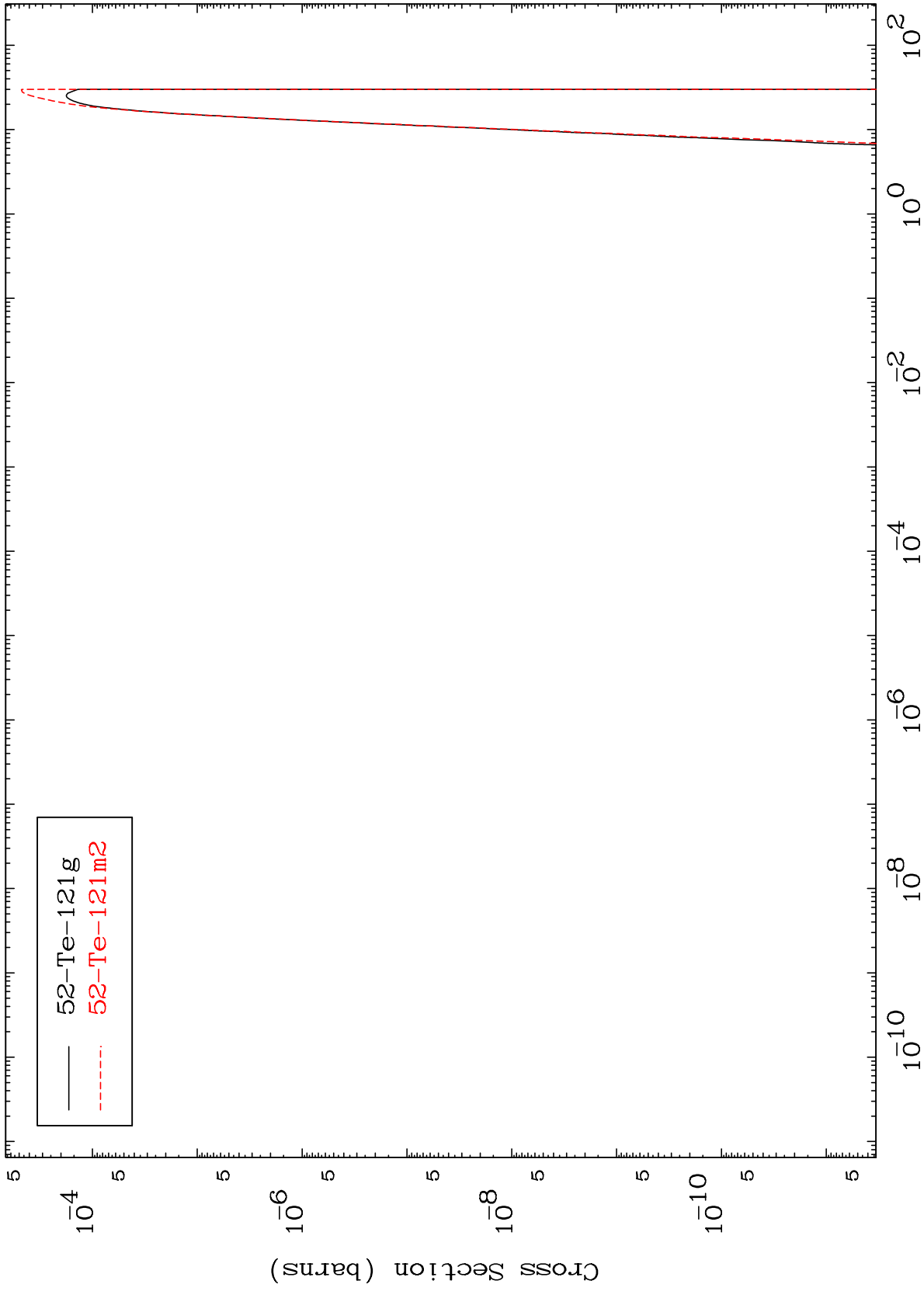
55-Cs-125

MAT 5501

(n,p)  $\alpha$

55-Cs-125

Radionuclide Production Cross Section



63

Incident Energy (MeV)

55-Cs-125