

Program EVALPLOT  
(Version 2018-1)

by

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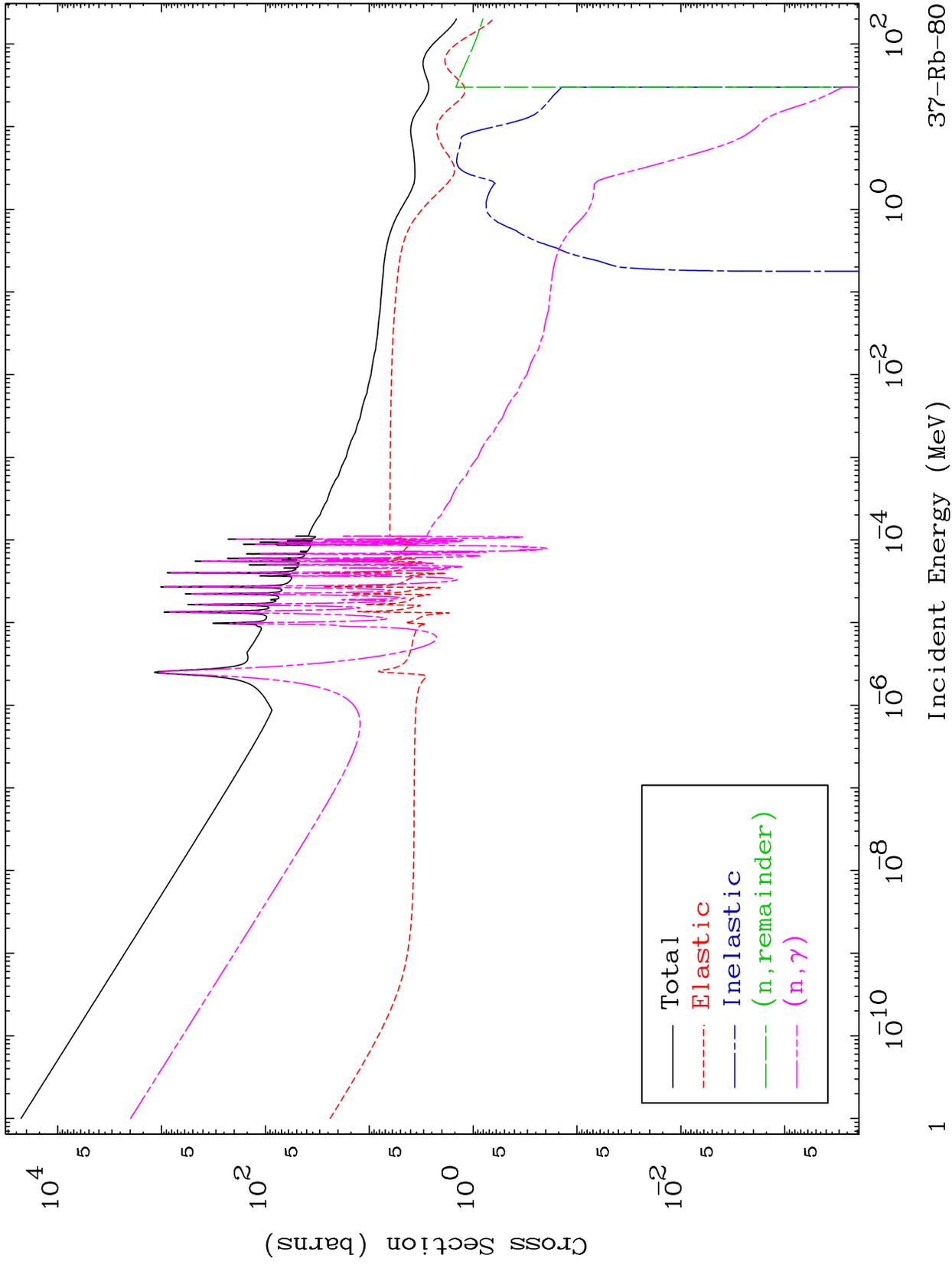
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3710

Major  
293 Kelvin Cross Sections

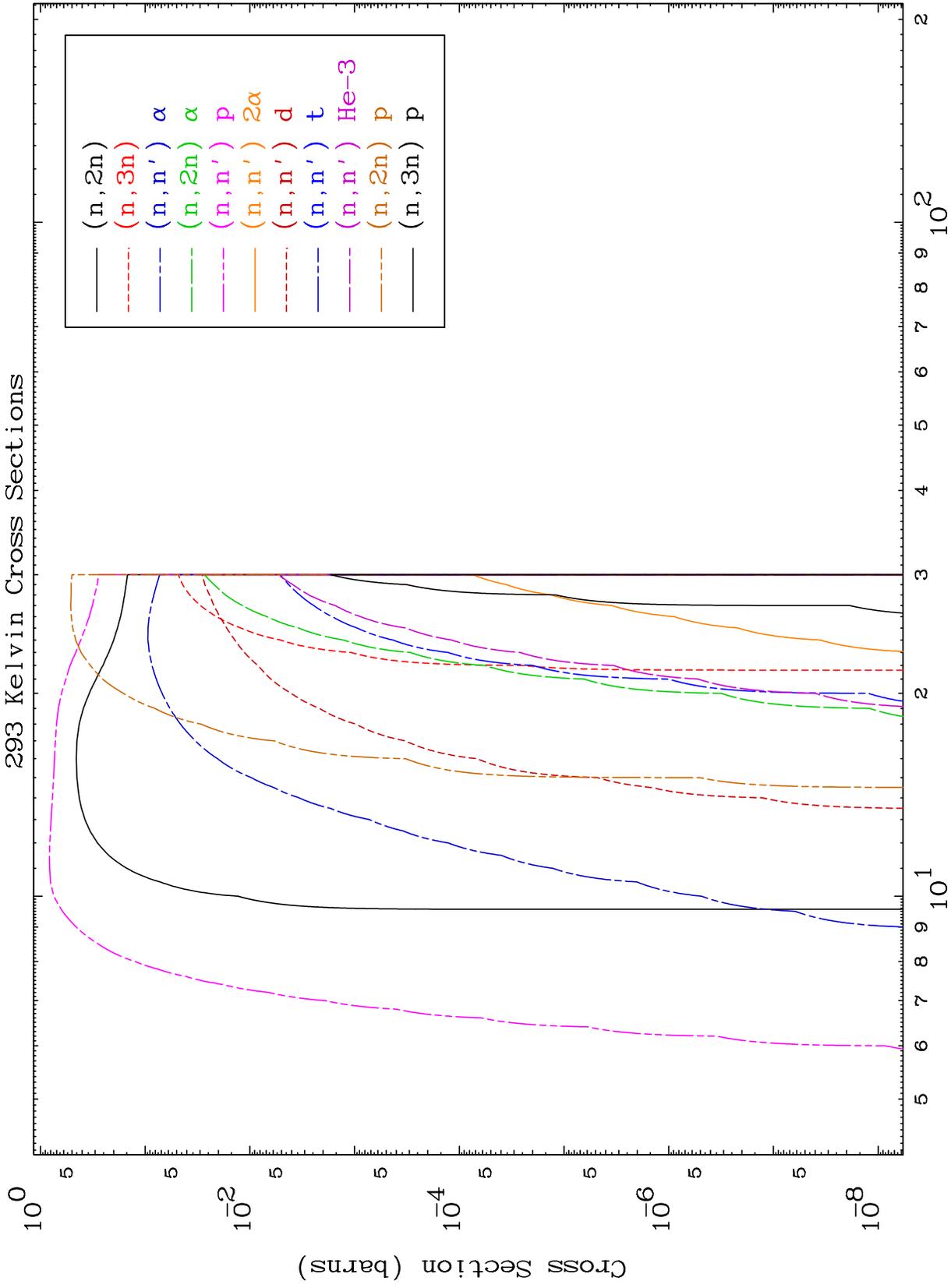
37-Rb-80



MAT 3710

Neutron Production  
293 Kelvin Cross Sections

37-Rb-80



2

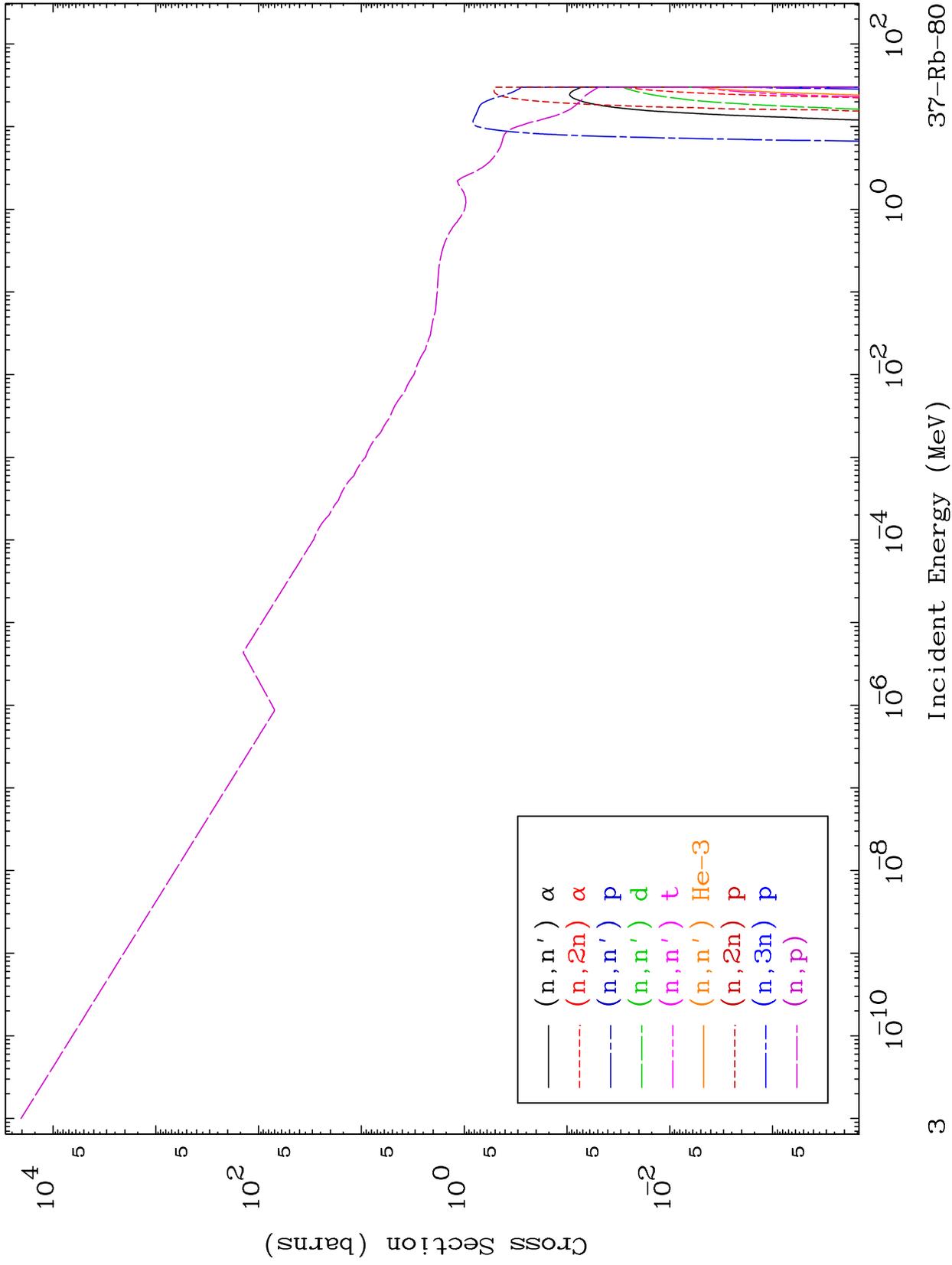
Incident Energy (MeV)

37-Rb-80

MAT 3710

Charged Particle  
293 Kelvin Cross Sections

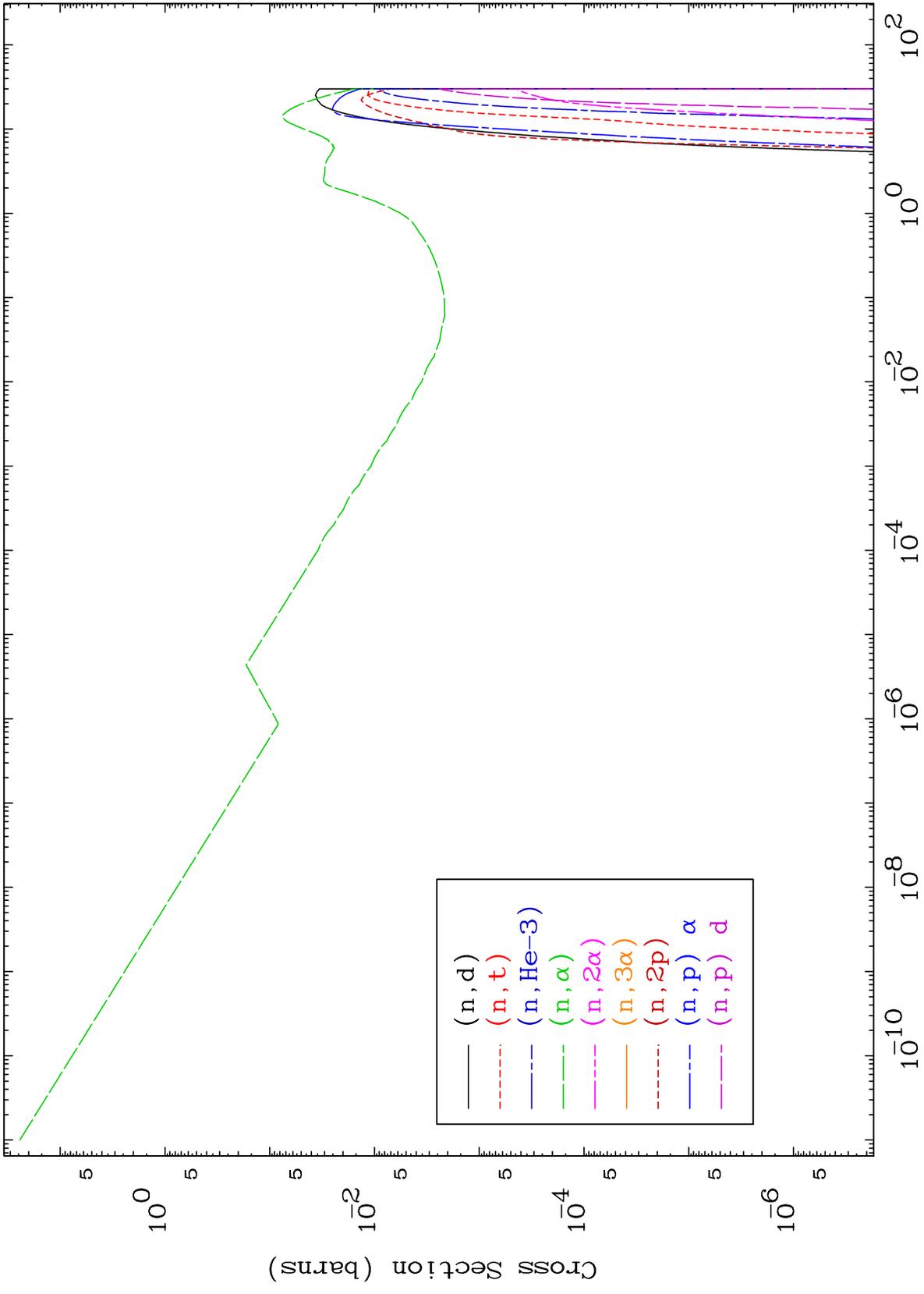
37-Rb-80



MAT 3710

Charged Particle  
293 Kelvin Cross Sections

37-Rb-80

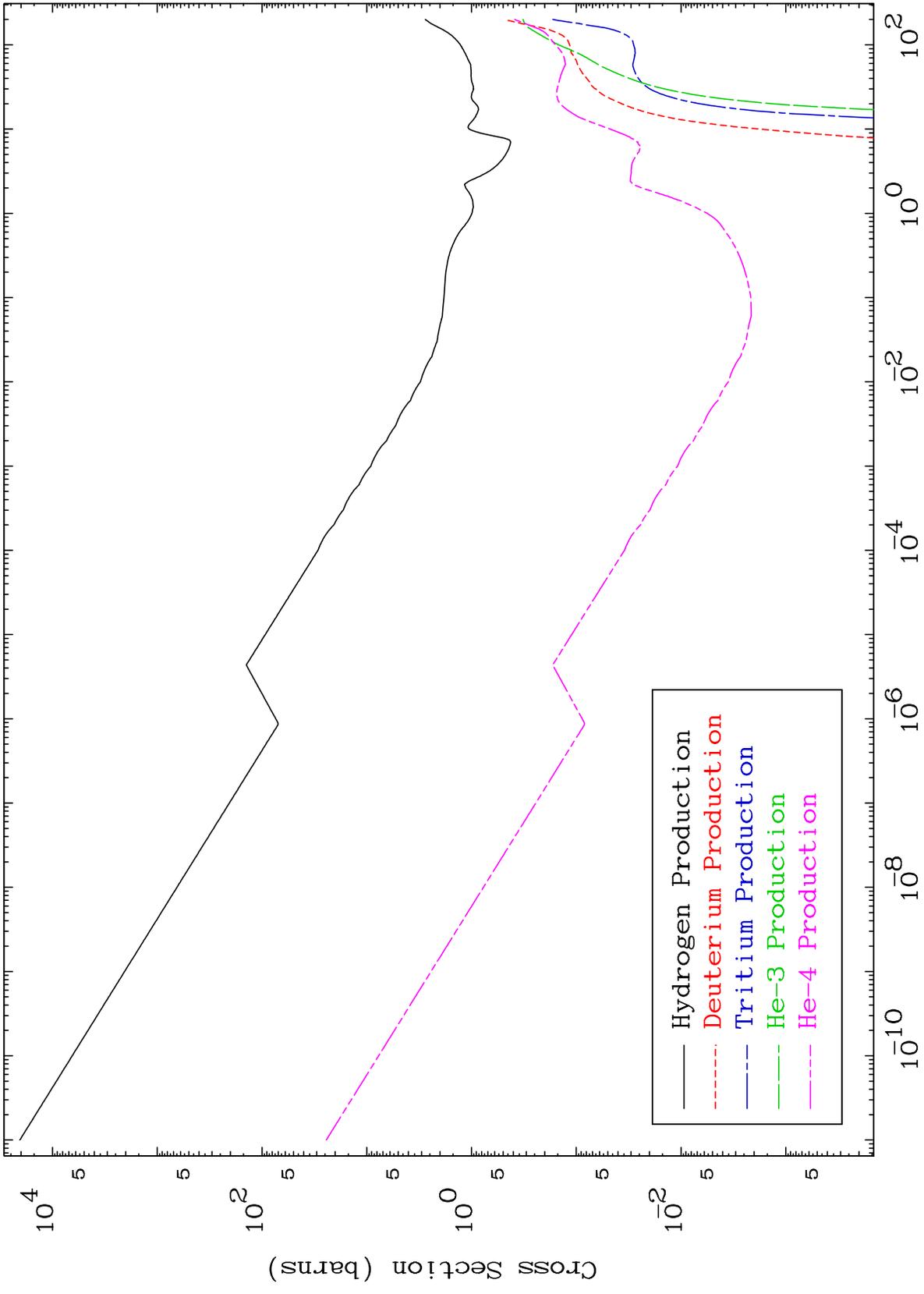


37-Rb-80

MAT 3710

Particle Production  
293 Kelvin Cross Sections

37-Rb-80



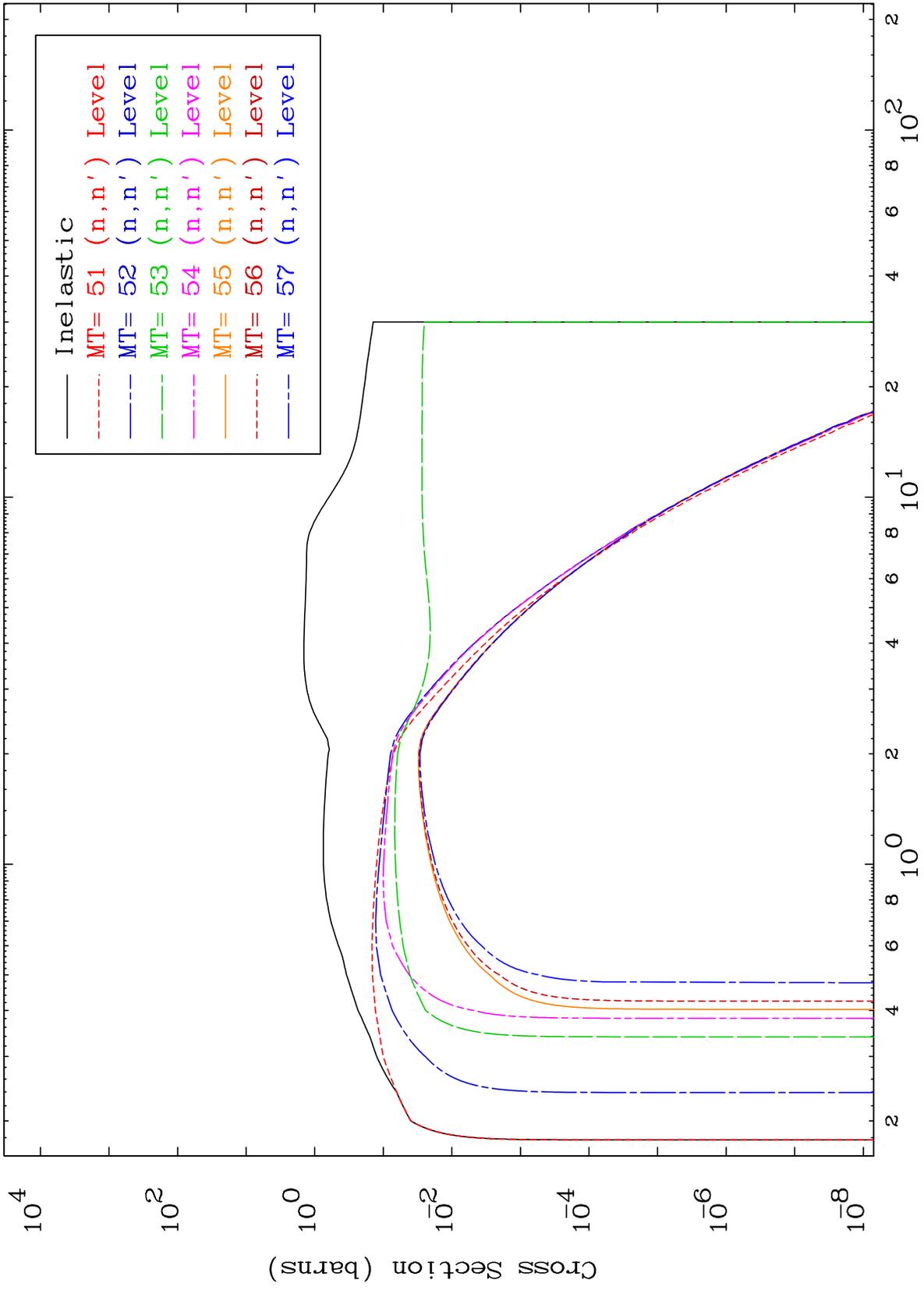
37-Rb-80

MAT 3710

(n,n') Level

37-Rb-80

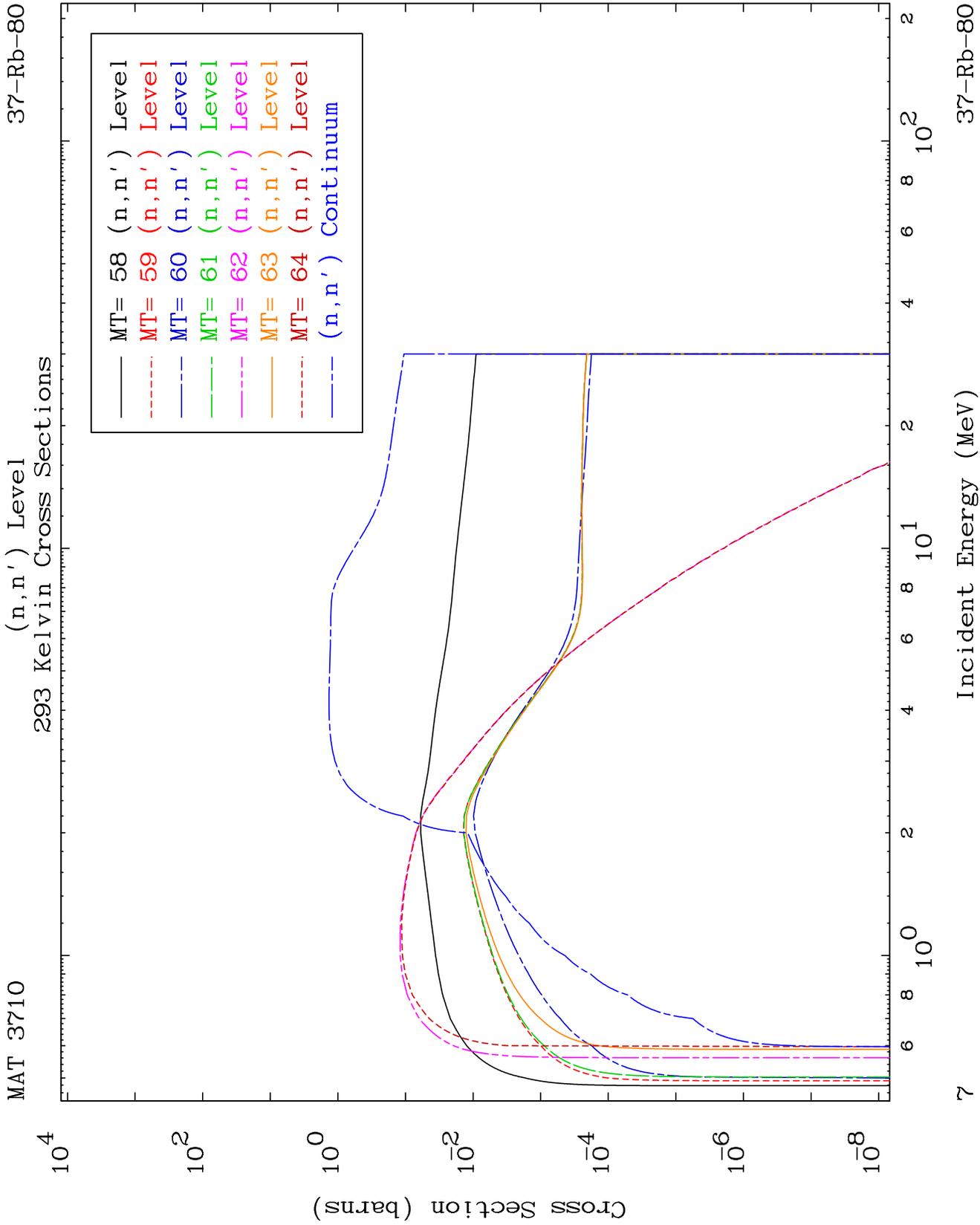
293 Kelvin Cross Sections



6

Incident Energy (MeV)

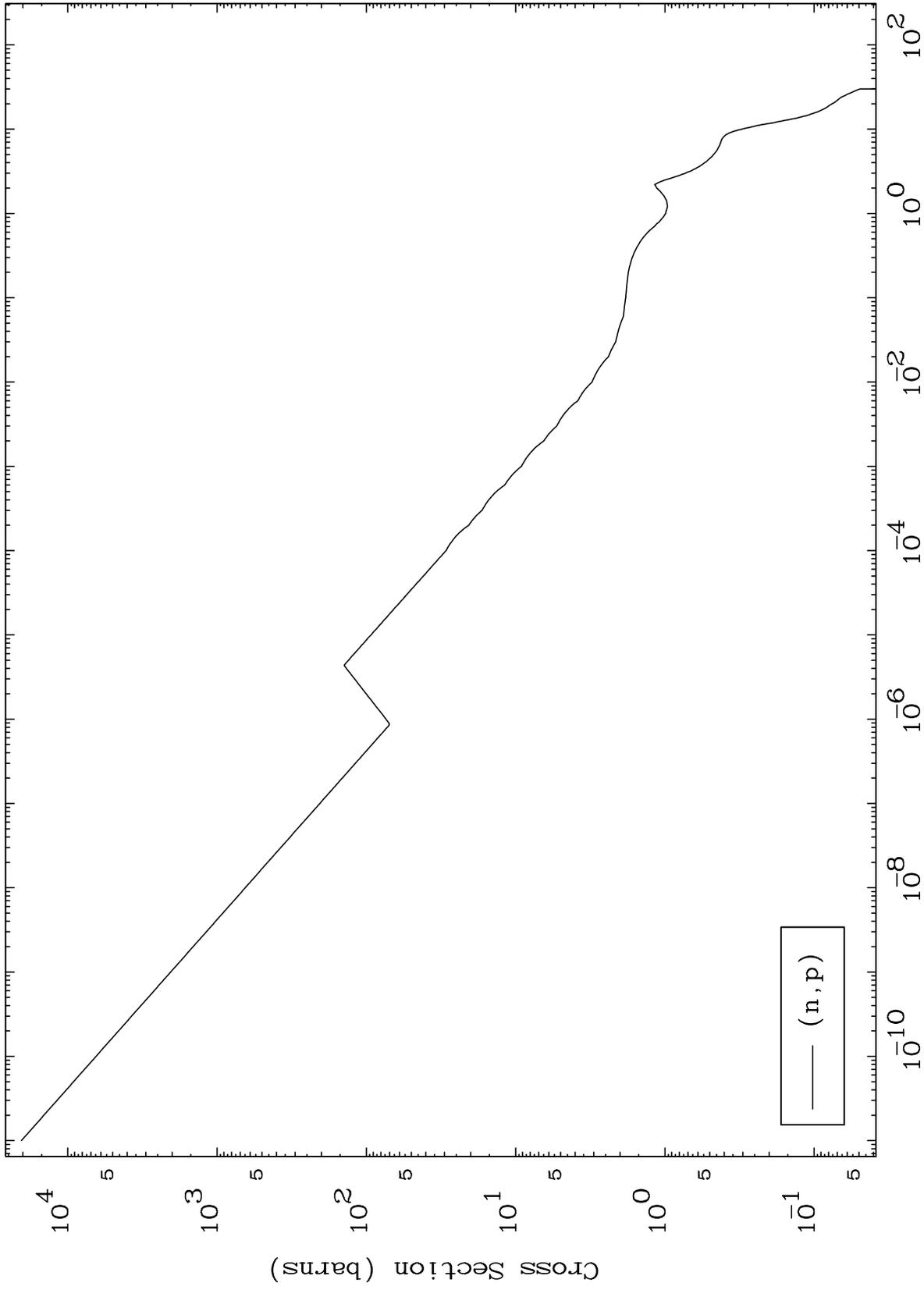
37-Rb-80



MAT 3710

(n,p) Levels  
293 Kelvin Cross Sections

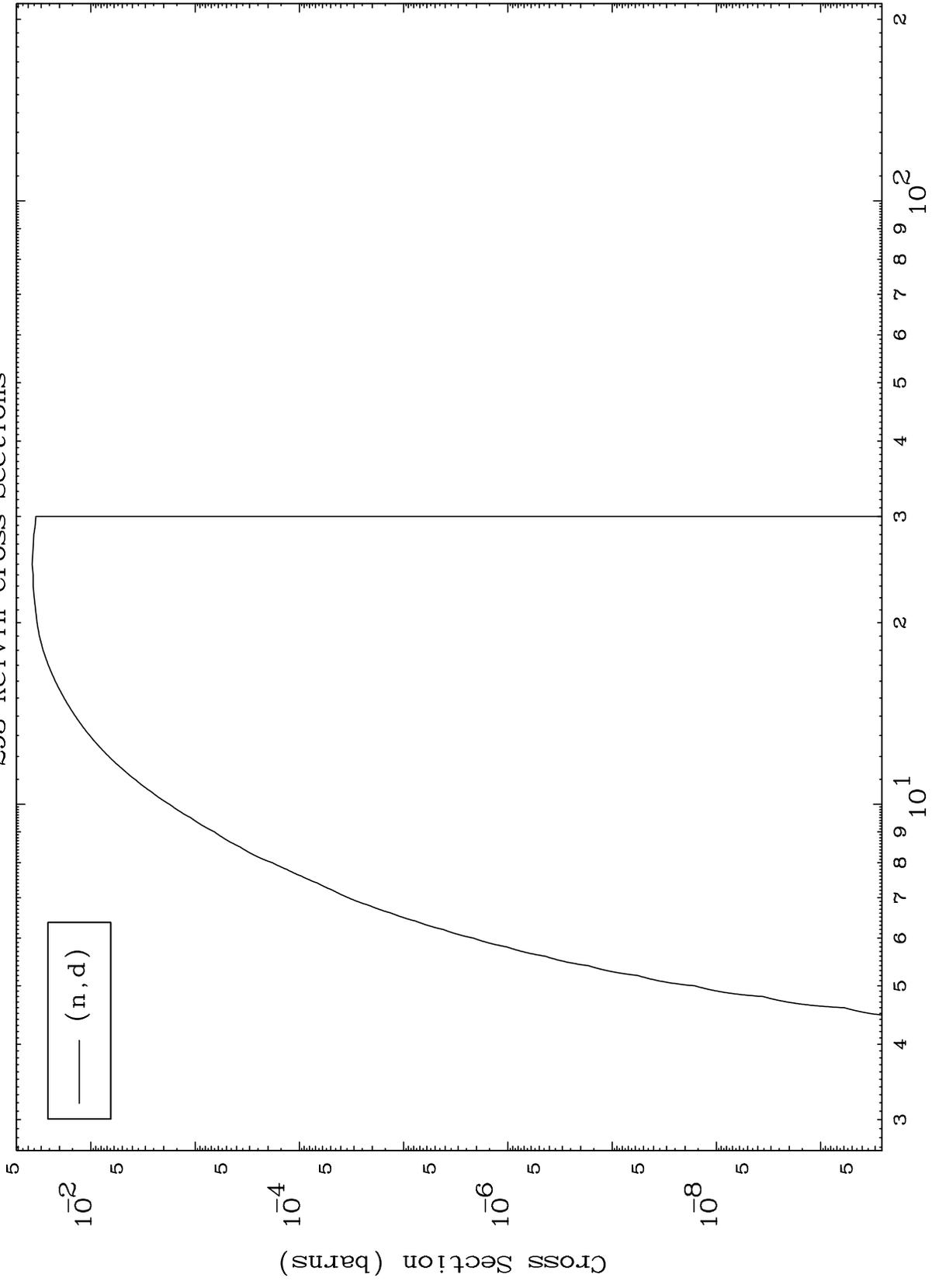
37-Rb-80



MAT 3710

(n,d) Levels  
293 Kelvin Cross Sections

37-Rb-80

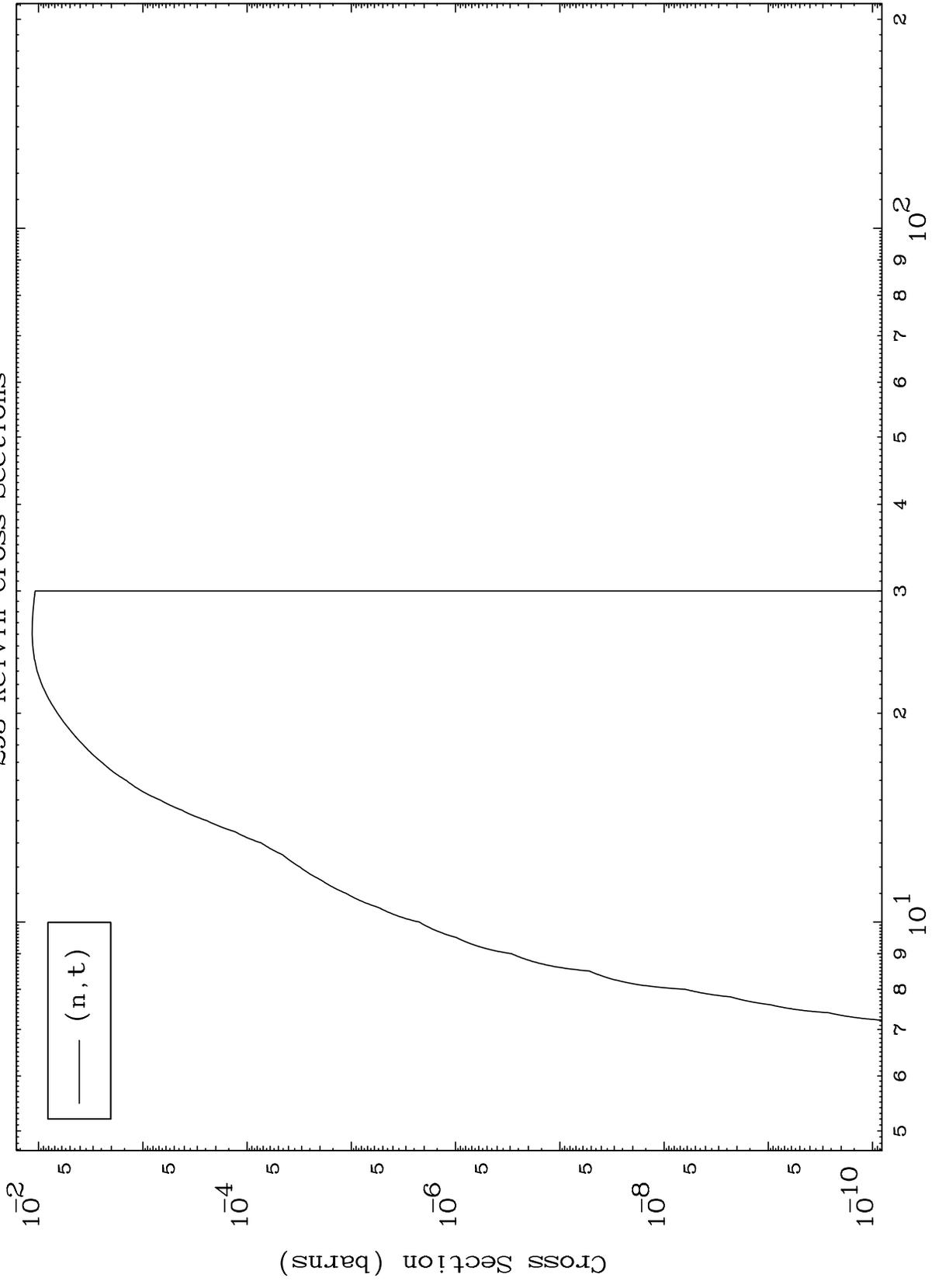


(n,d)

MAT 3710

(n,t) Levels  
293 Kelvin Cross Sections

37-Rb-80



10

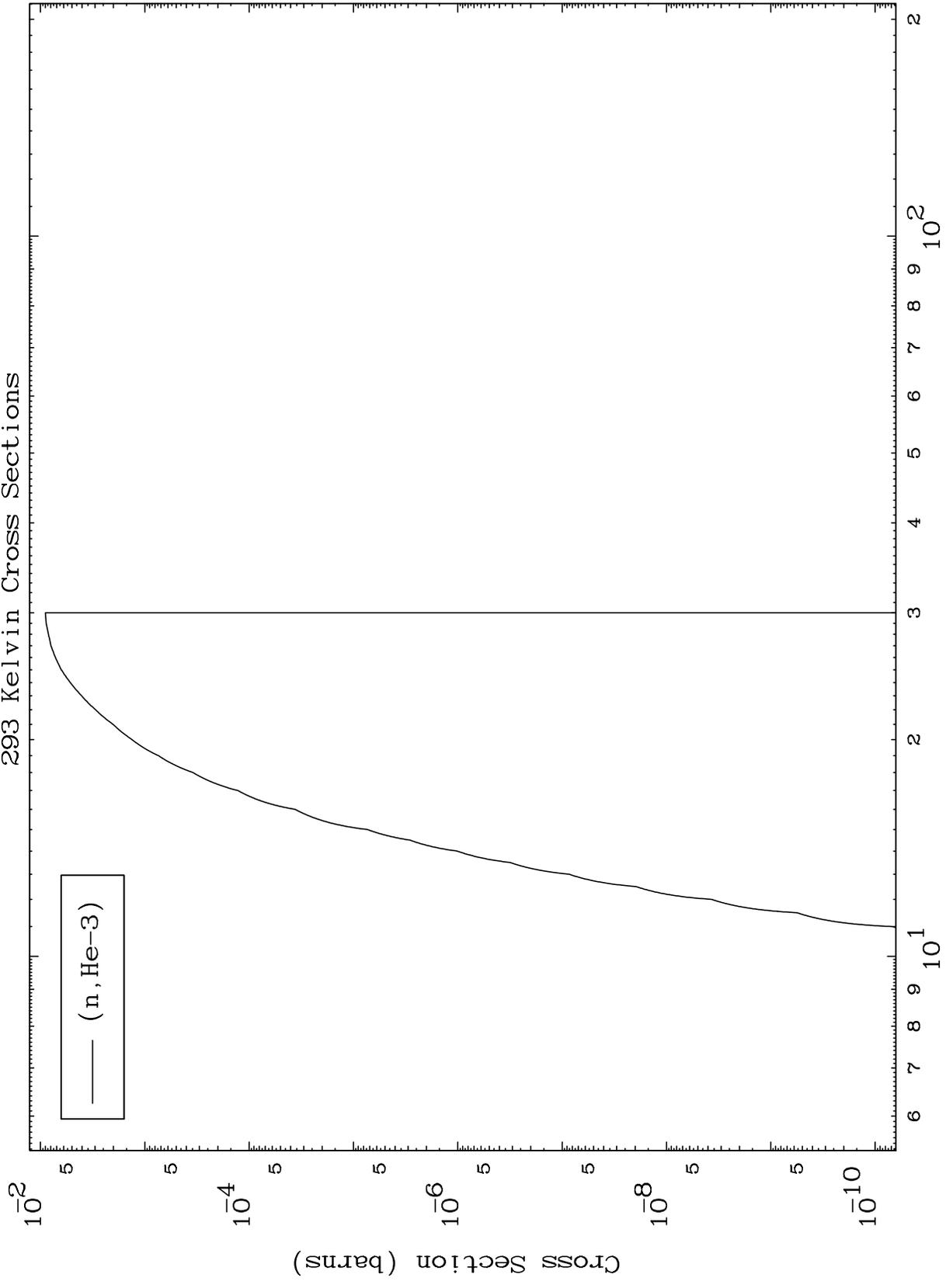
Incident Energy (MeV)

37-Rb-80

MAT 3710

(n,He3) Levels  
293 Kelvin Cross Sections

37-Rb-80



11

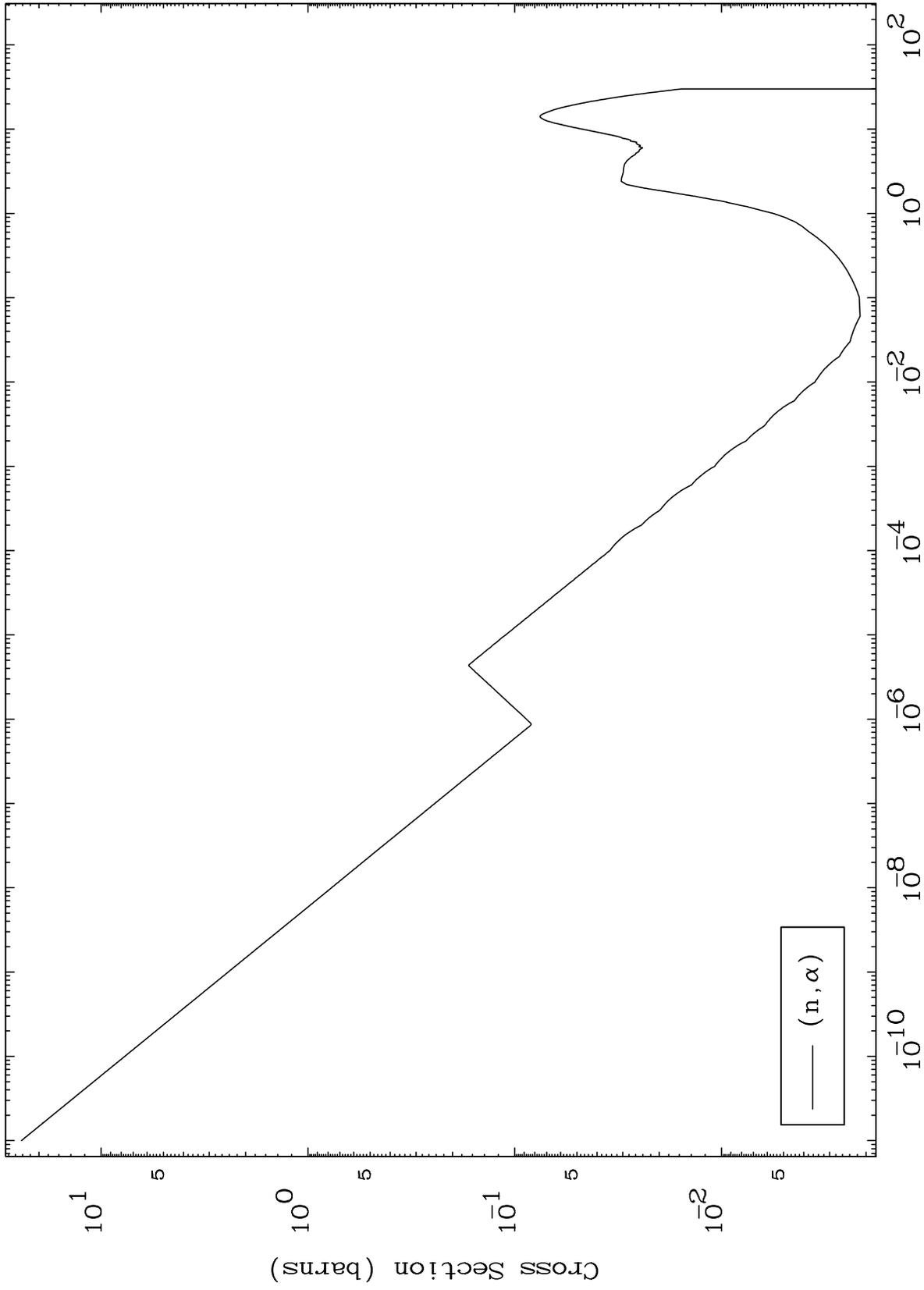
Incident Energy (MeV)

37-Rb-80

MAT 3710

(n,α) Levels  
293 Kelvin Cross Sections

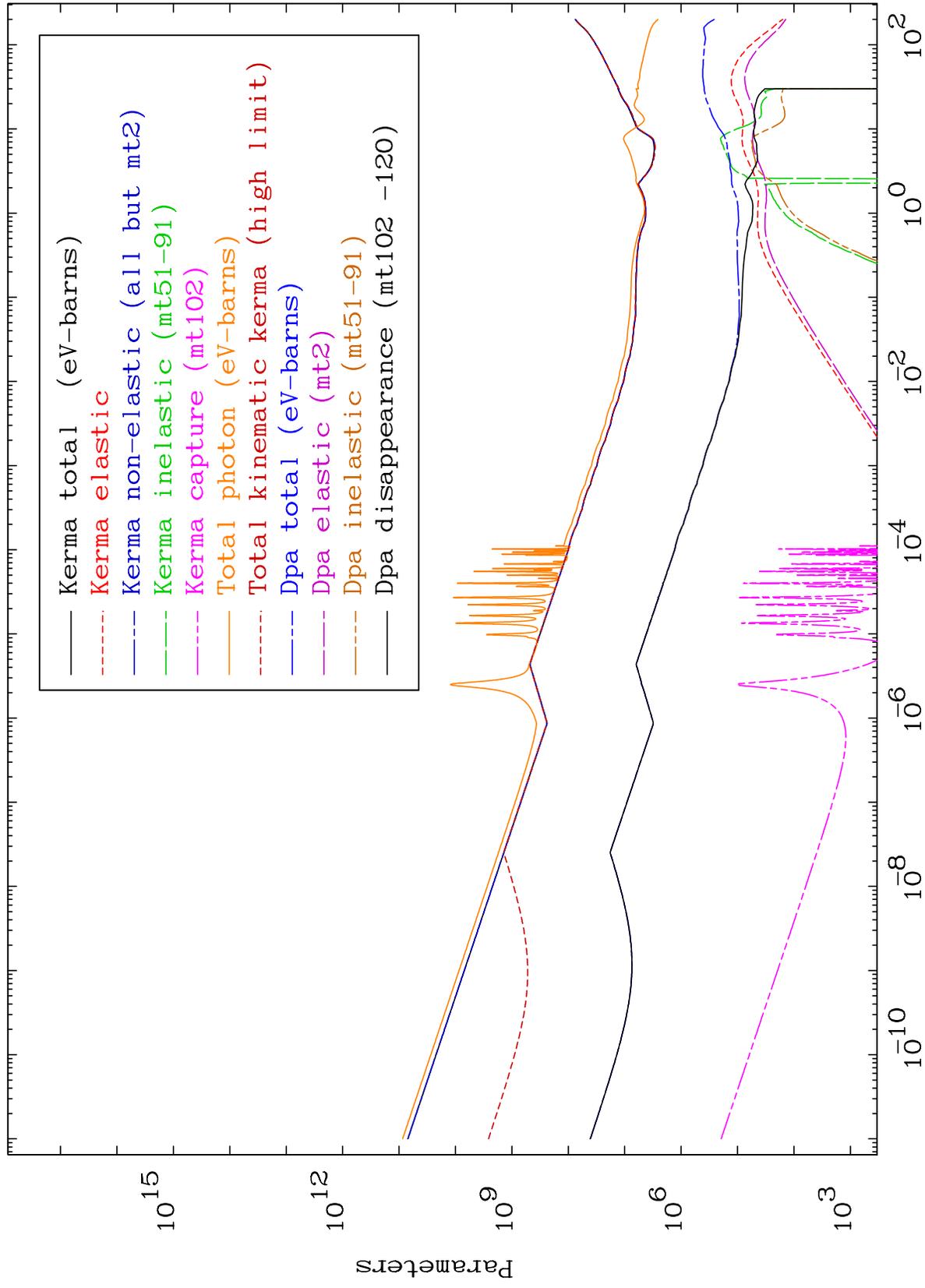
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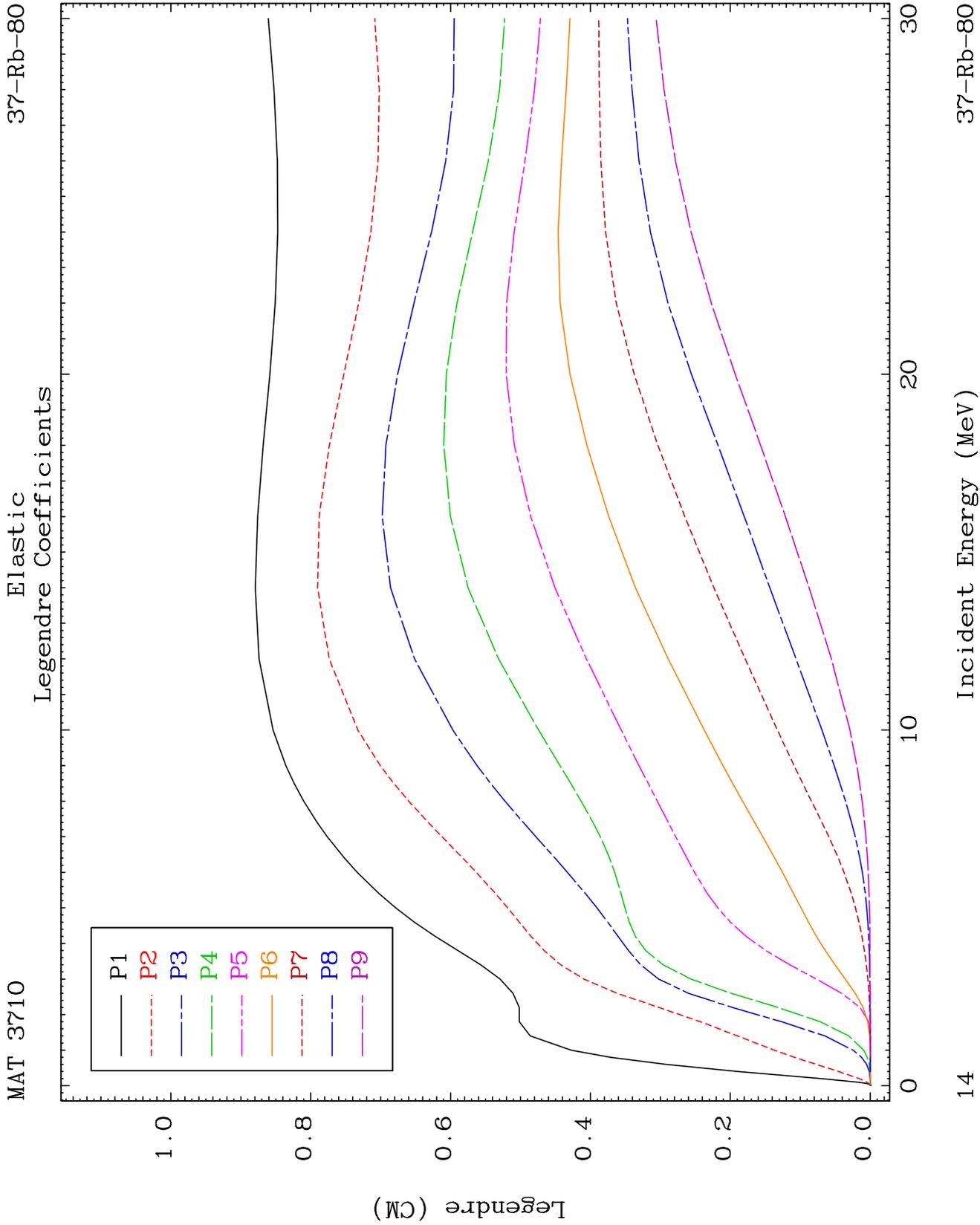


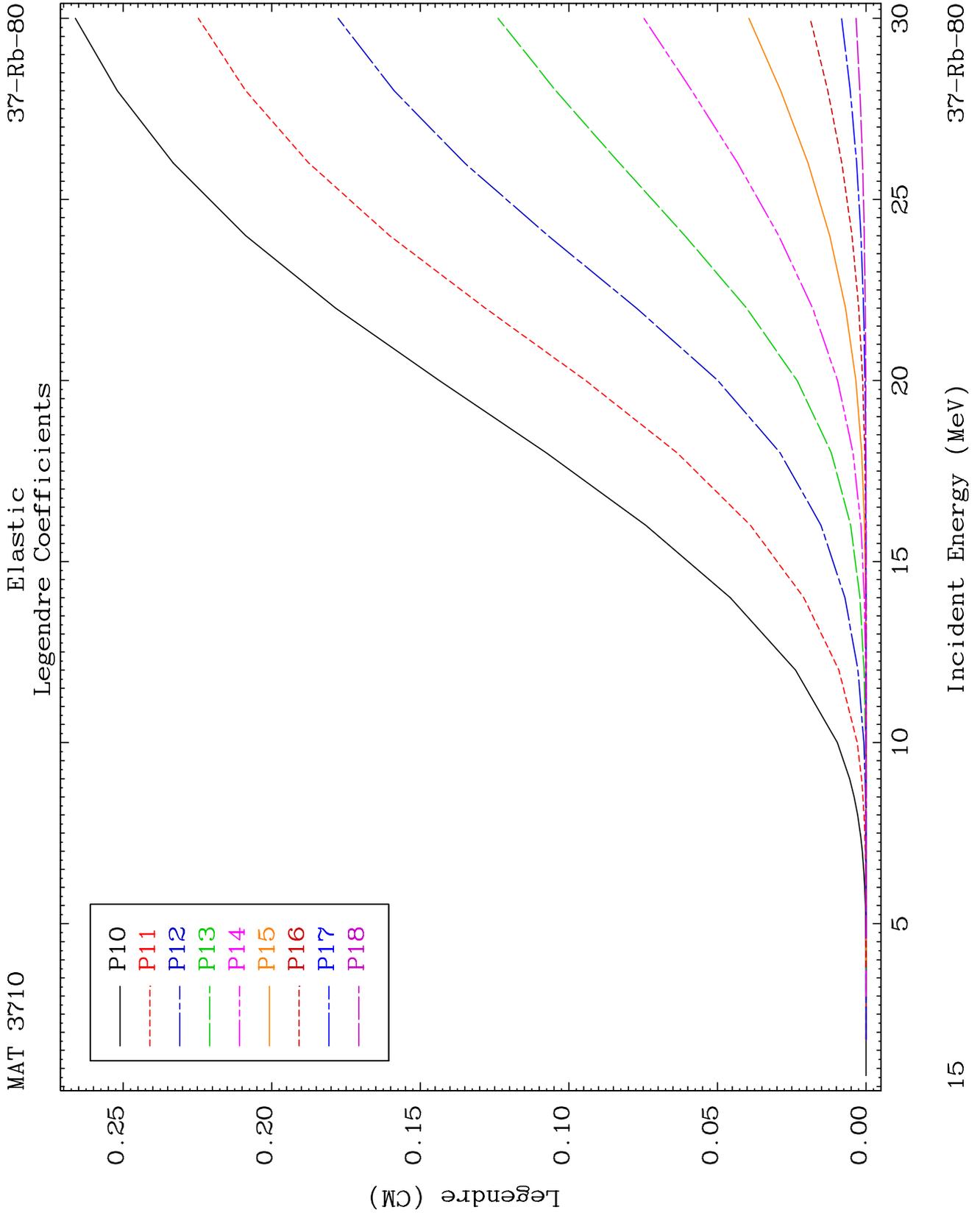
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Incident Energy (MeV)

37-Rb-80



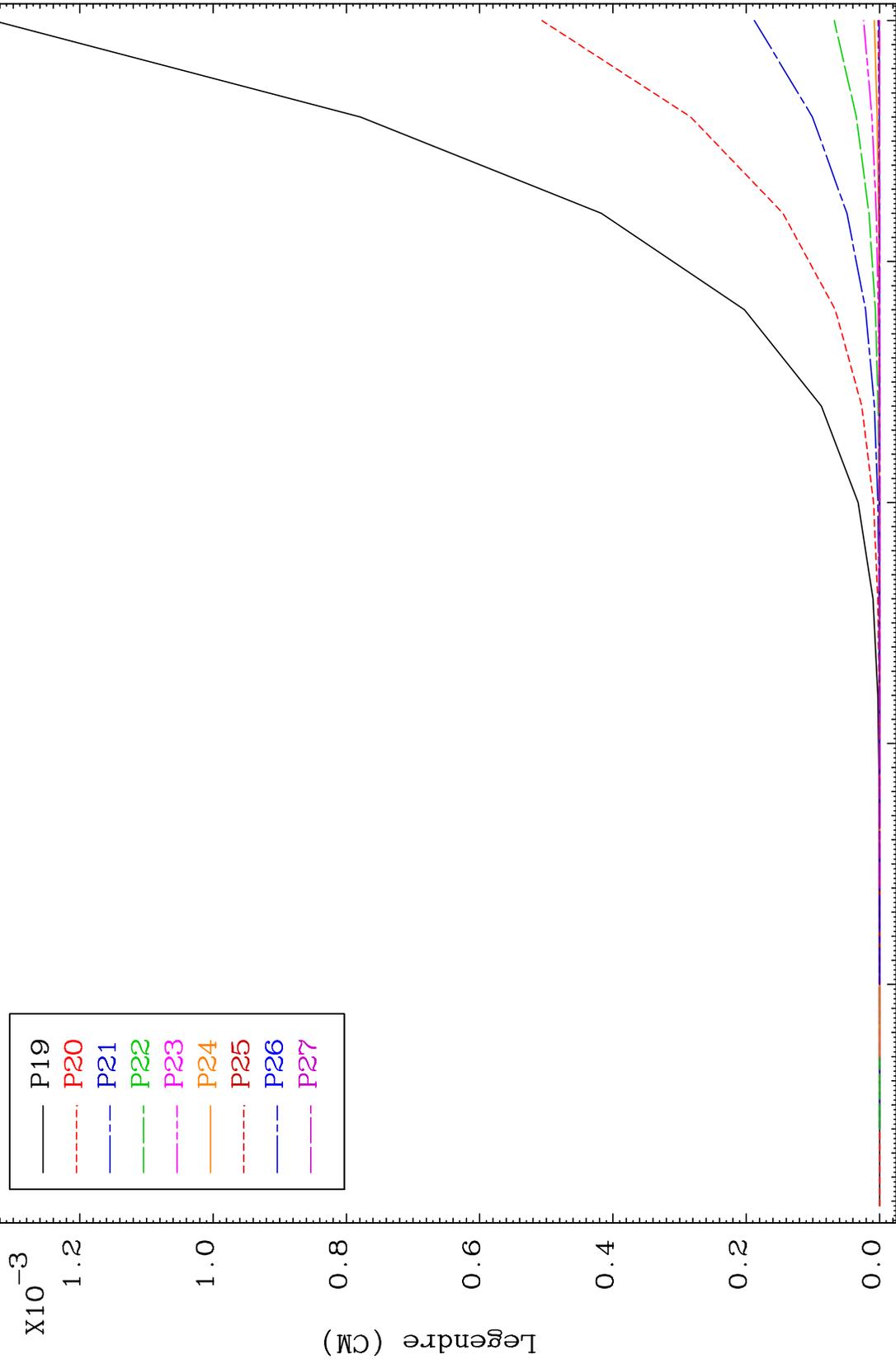
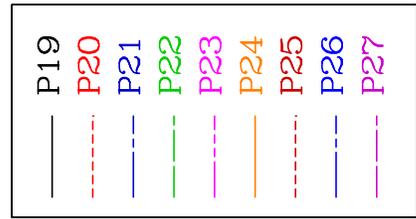




MAT 3710

### Elastic Legendre Coefficients

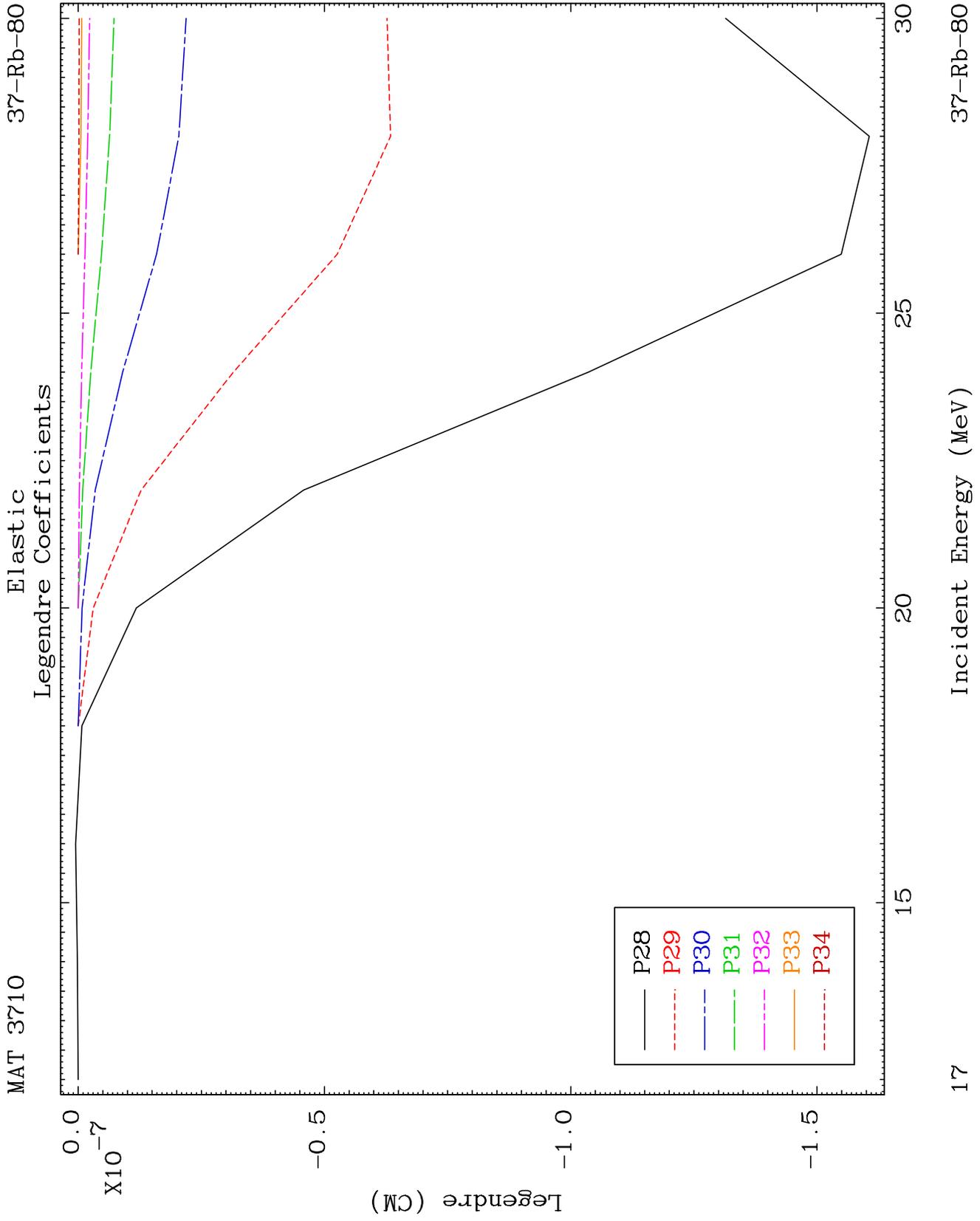
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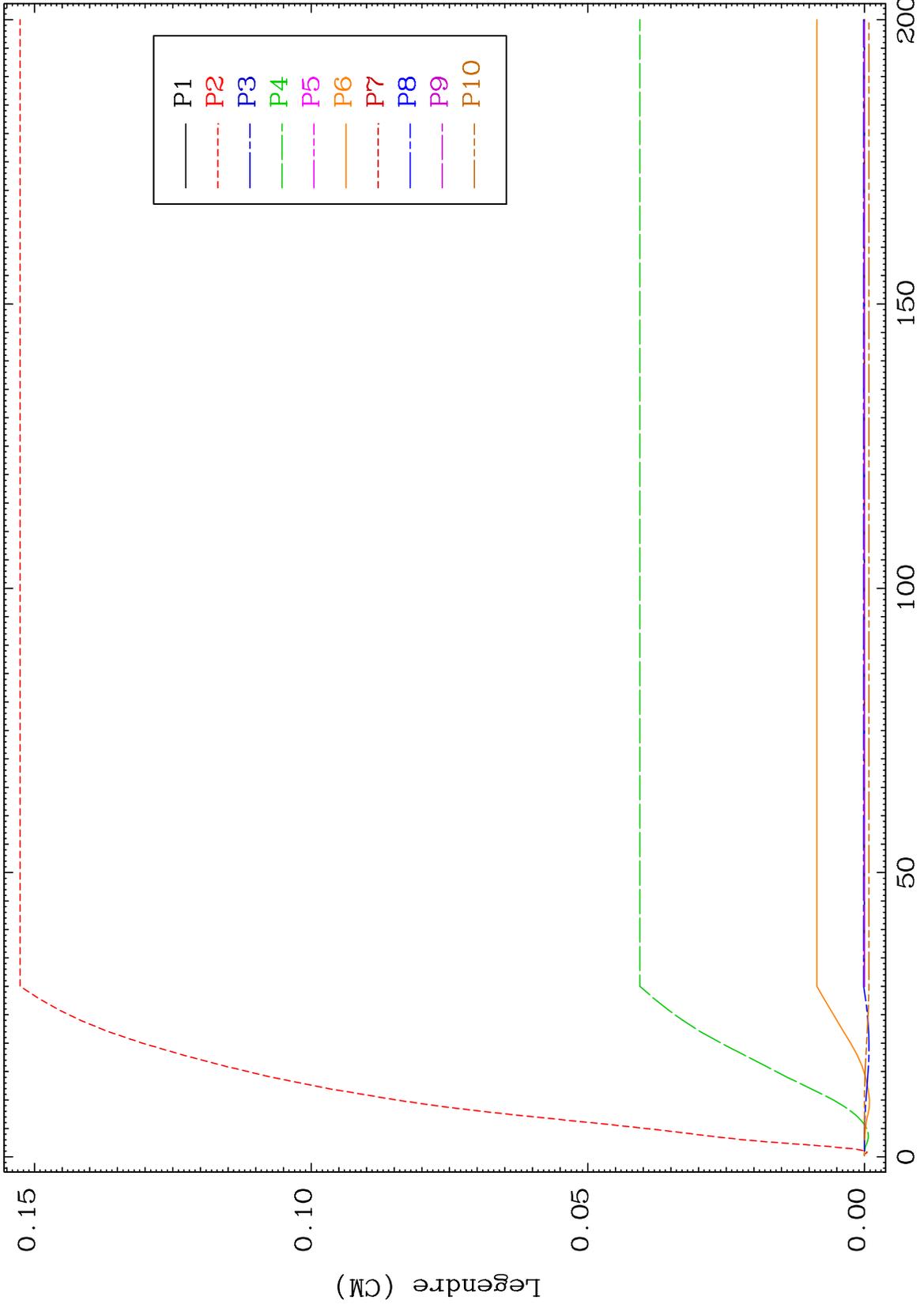
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Incident Energy (MeV)

37-Rb-80



MAT 3710 MT= 51 (n,n') Level Legendre Coefficients 37-Rb-80

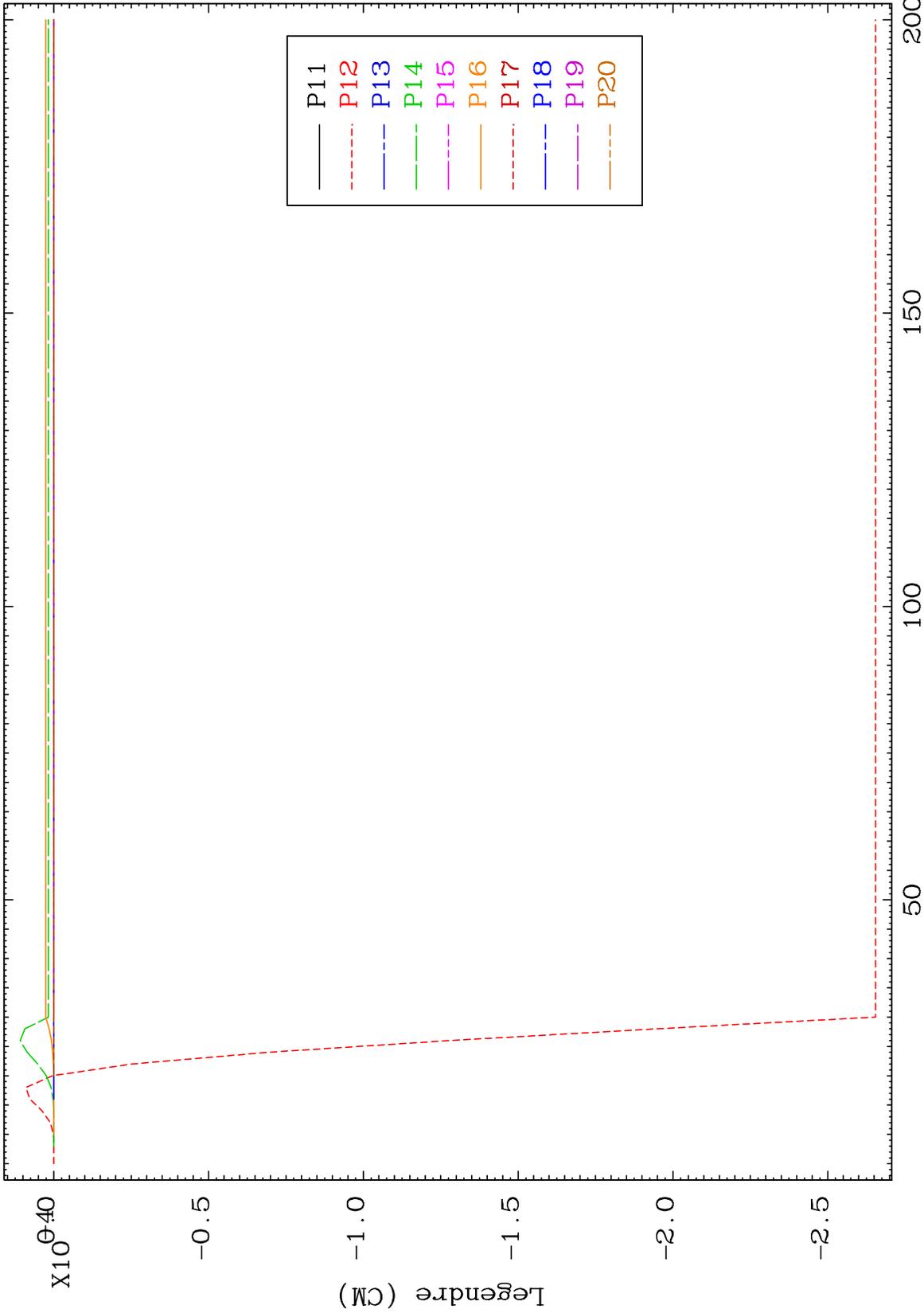


18 Incident Energy (MeV) 37-Rb-80

MAT 3710

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

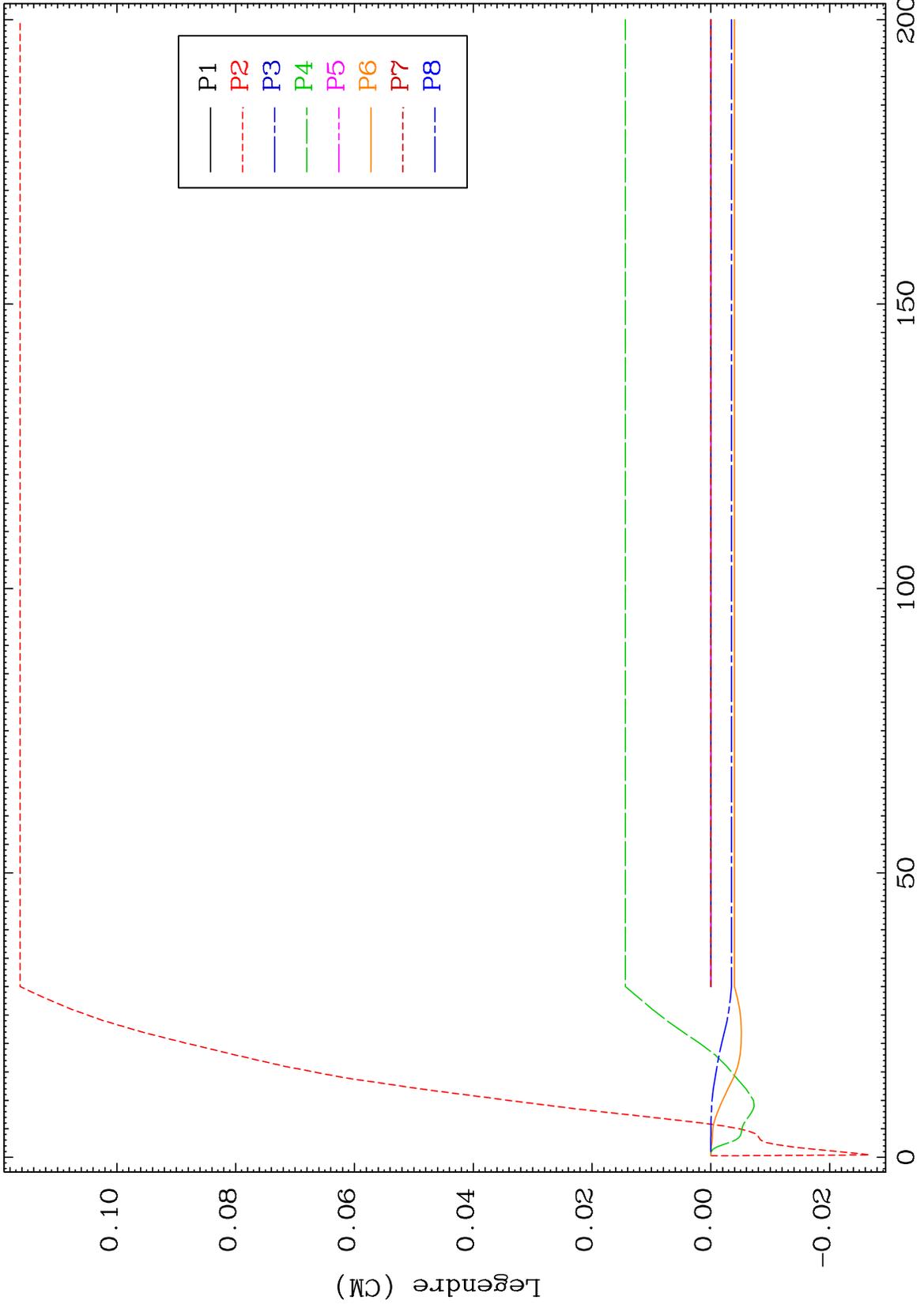
37-Rb-80



MAT 3710

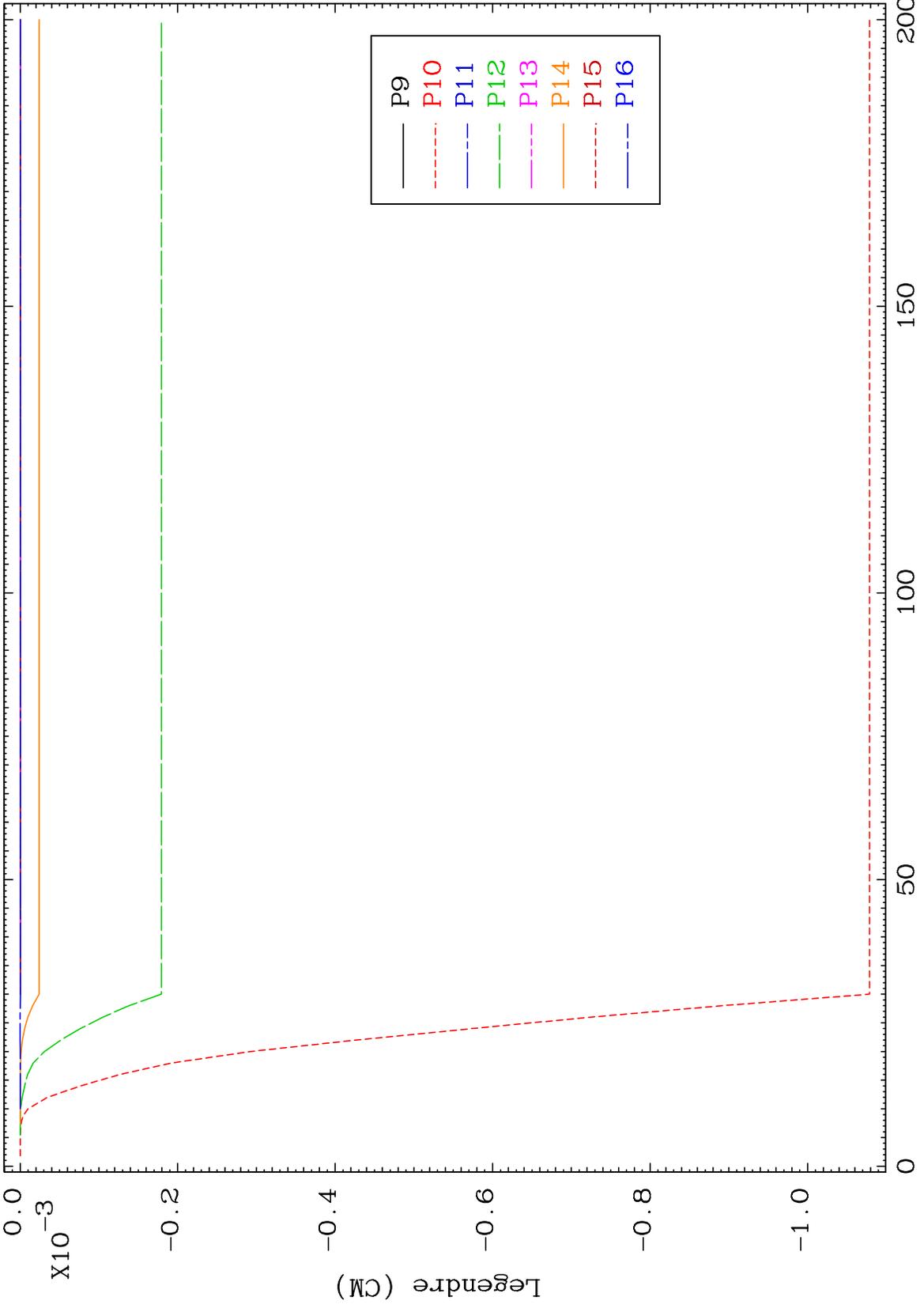
MT= 52 (n,n') Level  
Legendre Coefficients

37-Rb-80



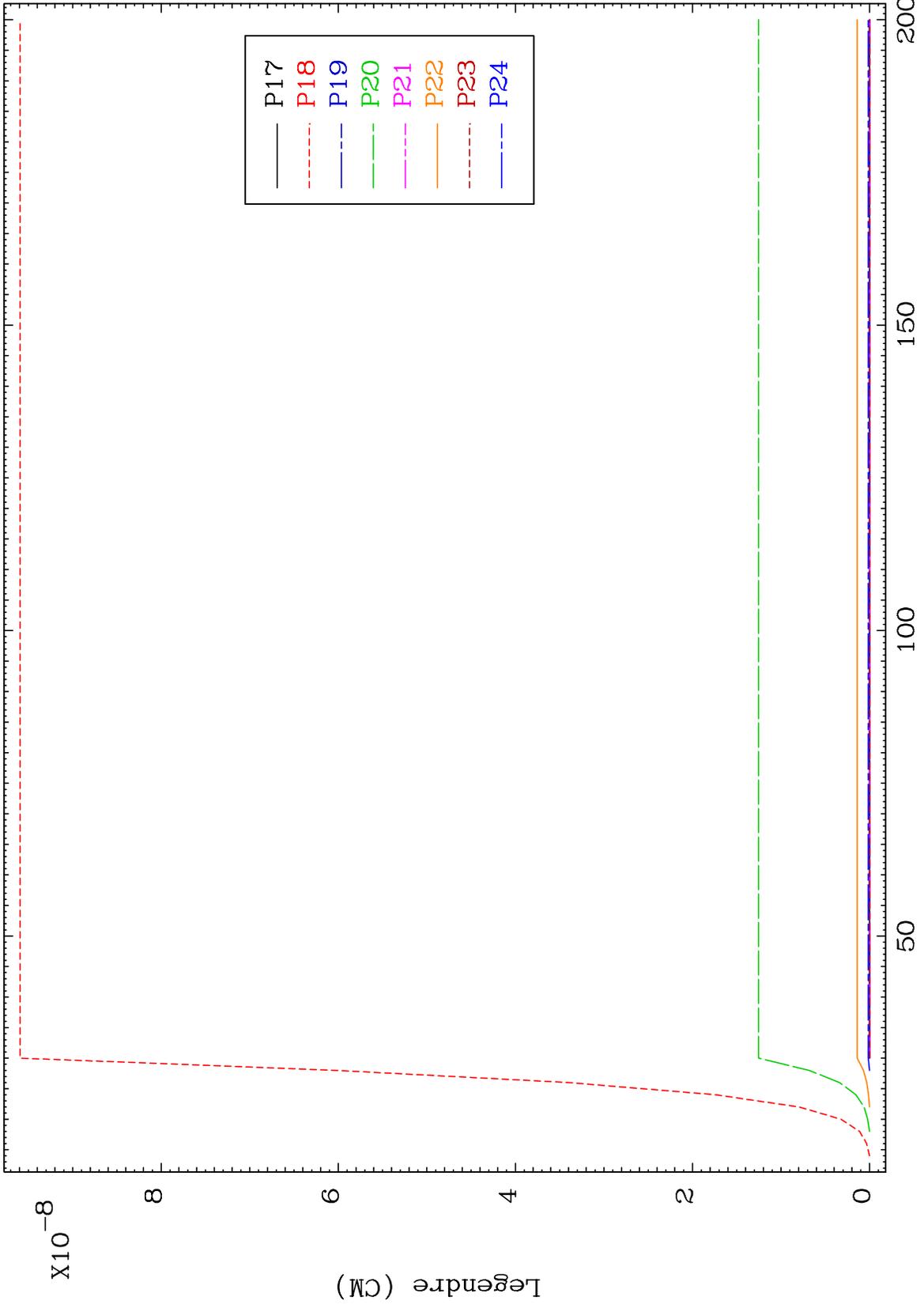
37-Rb-80

MAT 3710 MT= 52 (n,n') Level Legendre Coefficients 37-Rb-80



21 37-Rb-80

MAT 3710 MT= 52 (n,n') Level Legendre Coefficients 37-Rb-80

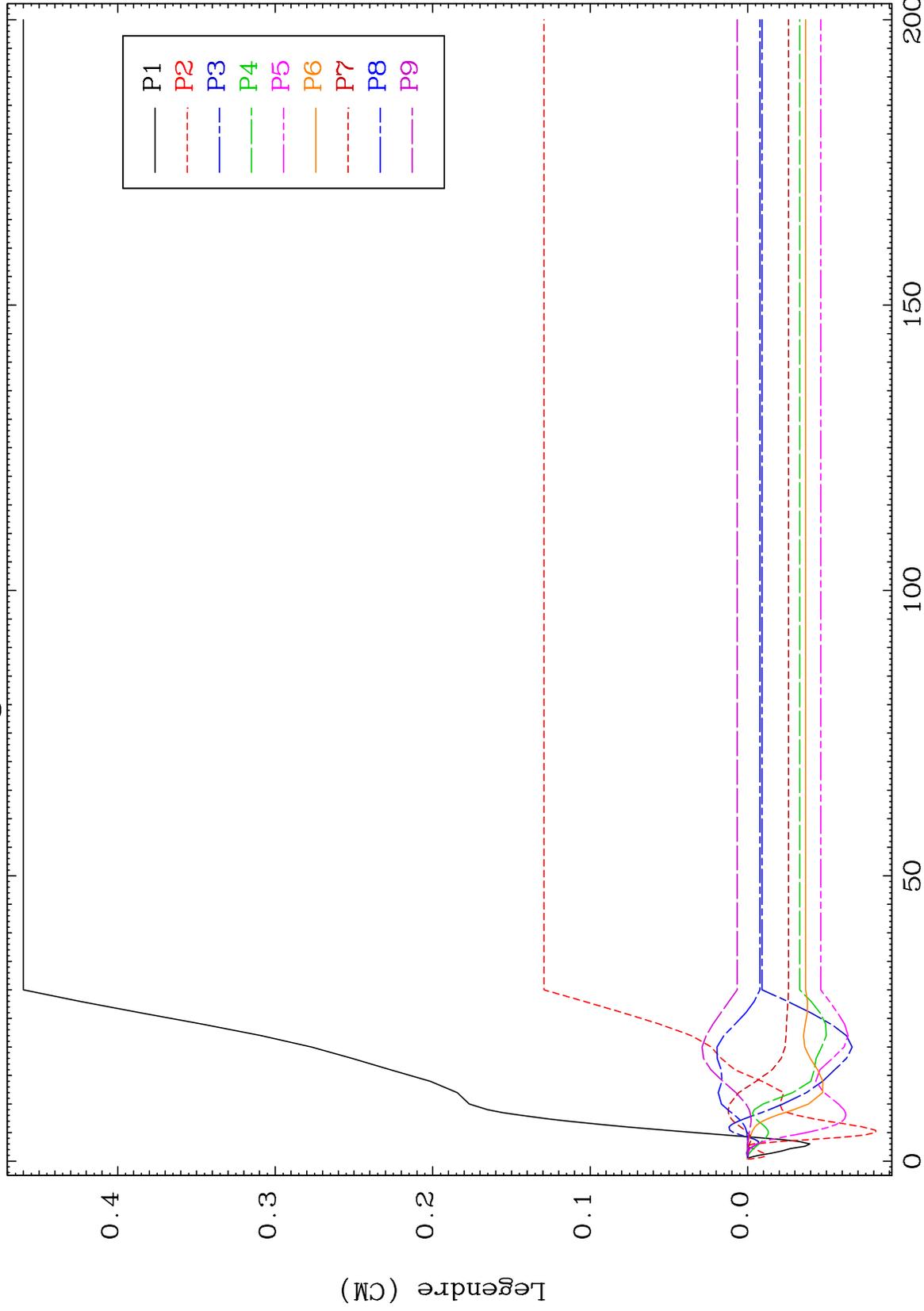


37-Rb-80

MAT 3710

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

37-Rb-80

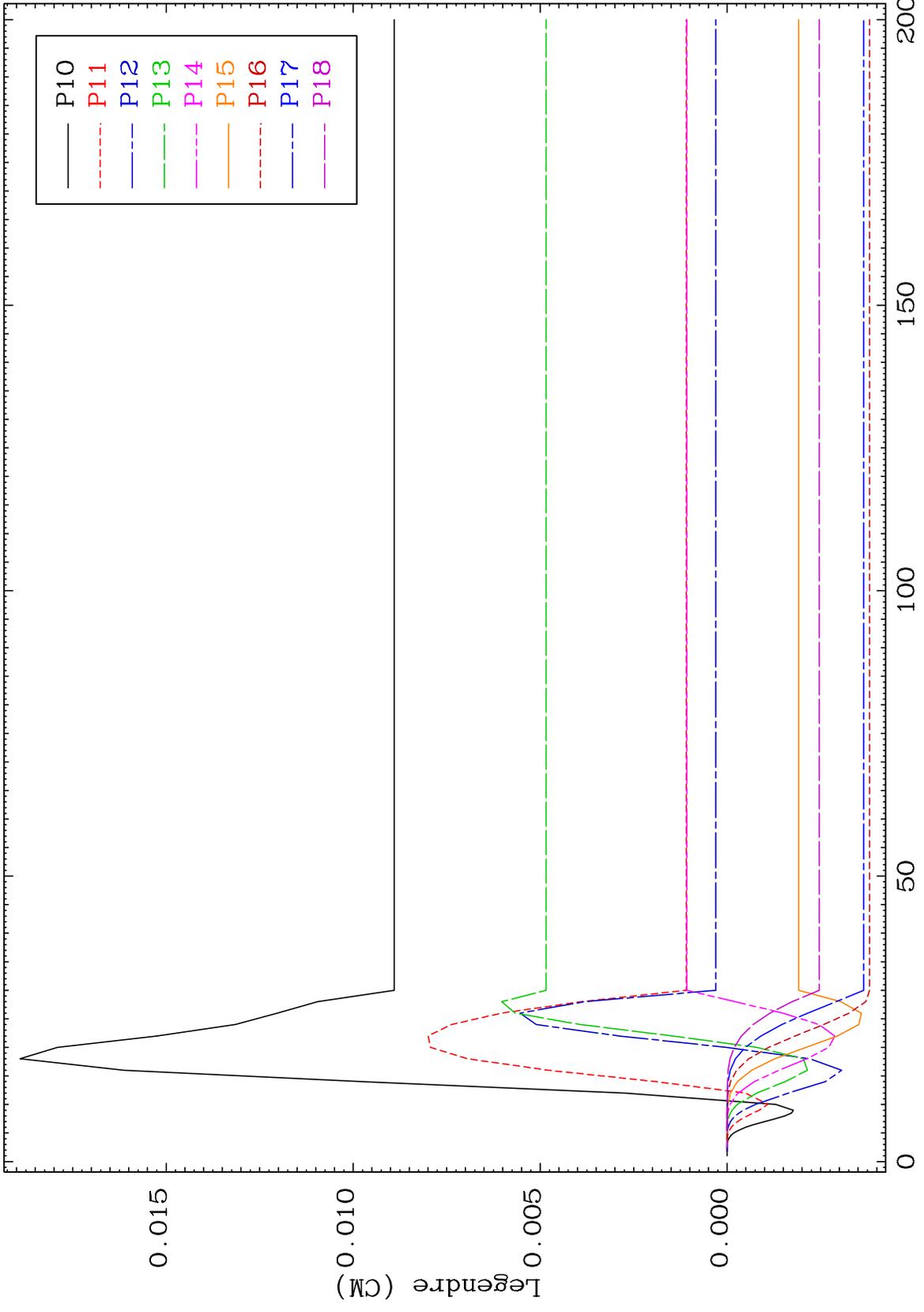


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Incident Energy (MeV)

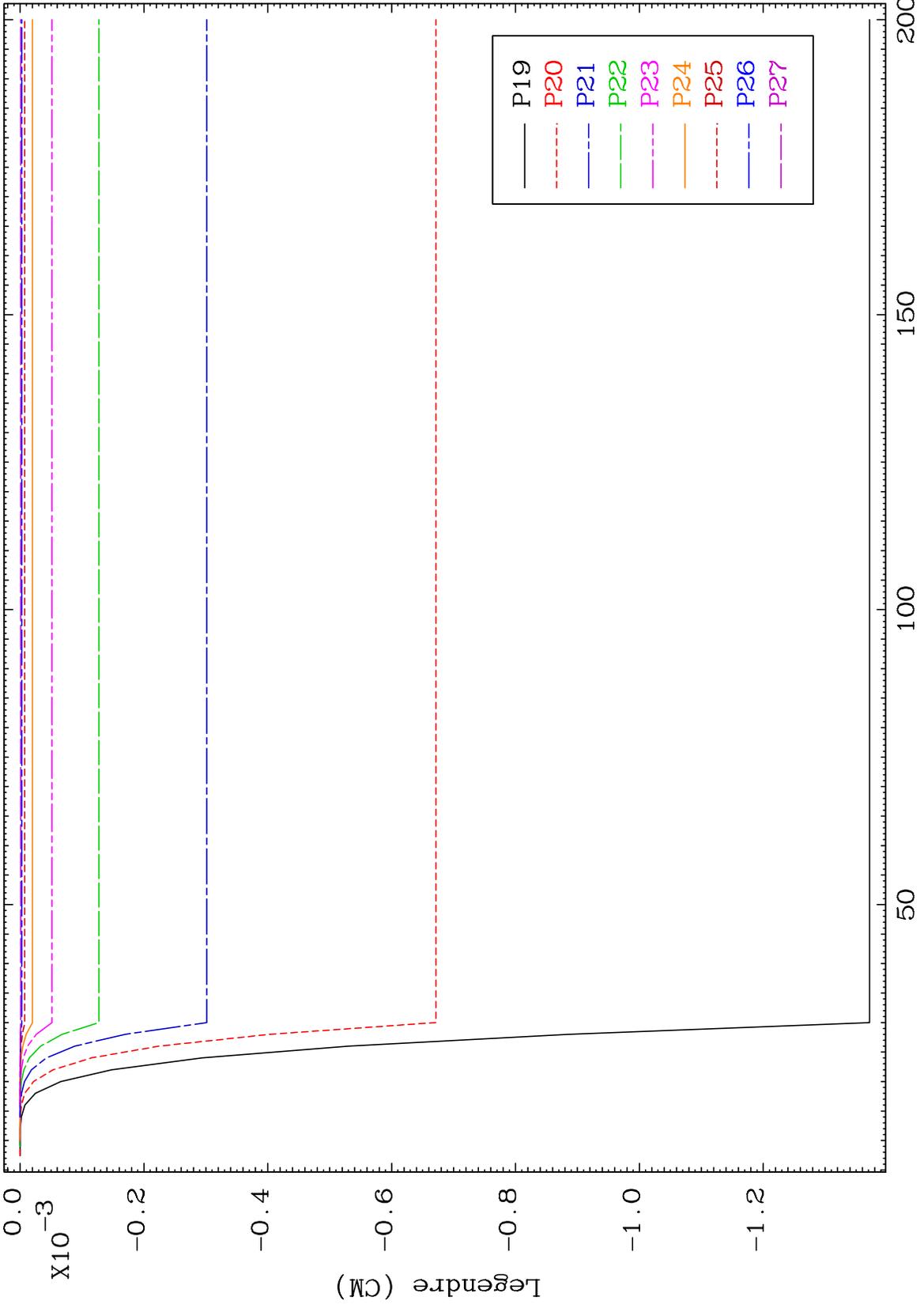
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MAT 3710 MT= 53 (n,n') Level Legendre Coefficients 37-Rb-80



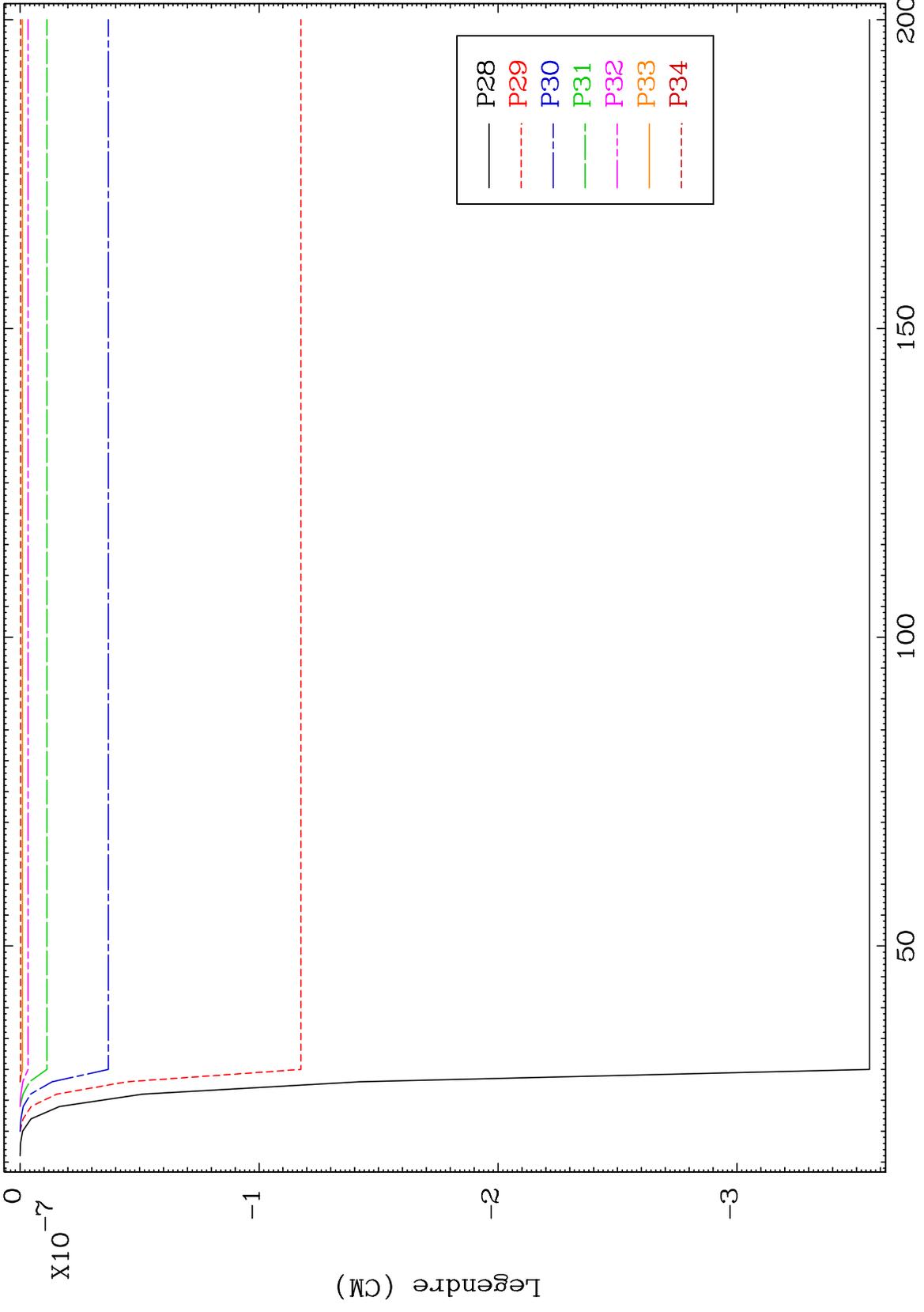
24 37-Rb-80

MAT 3710 MT= 53 (n,n') Level Legendre Coefficients 37-Rb-80



25 Incident Energy (MeV) 37-Rb-80

MAT 3710 MT= 53 (n,n') Level Legendre Coefficients 37-Rb-80

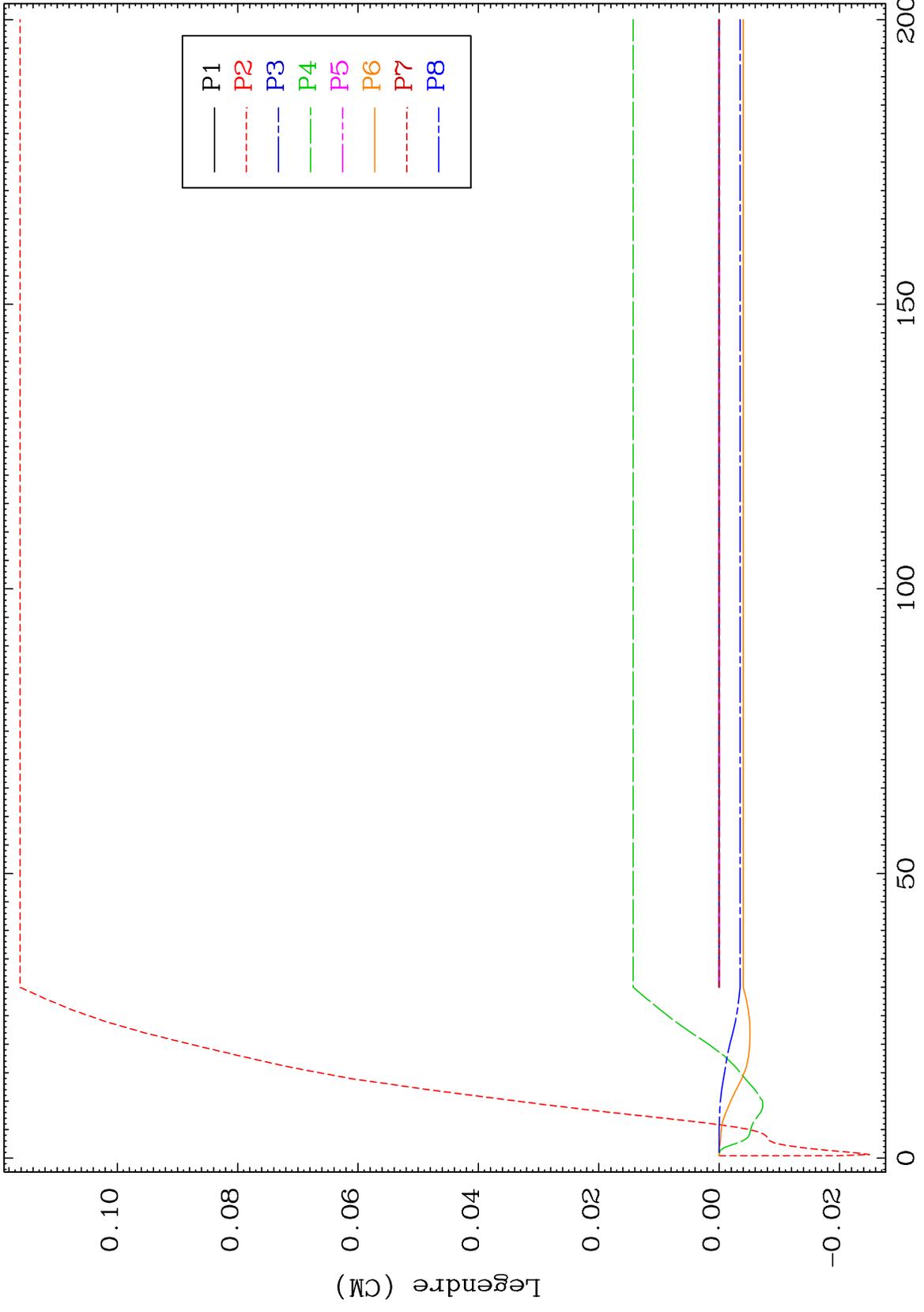


26 37-Rb-80

MAT 3710

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

37-Rb-80



27

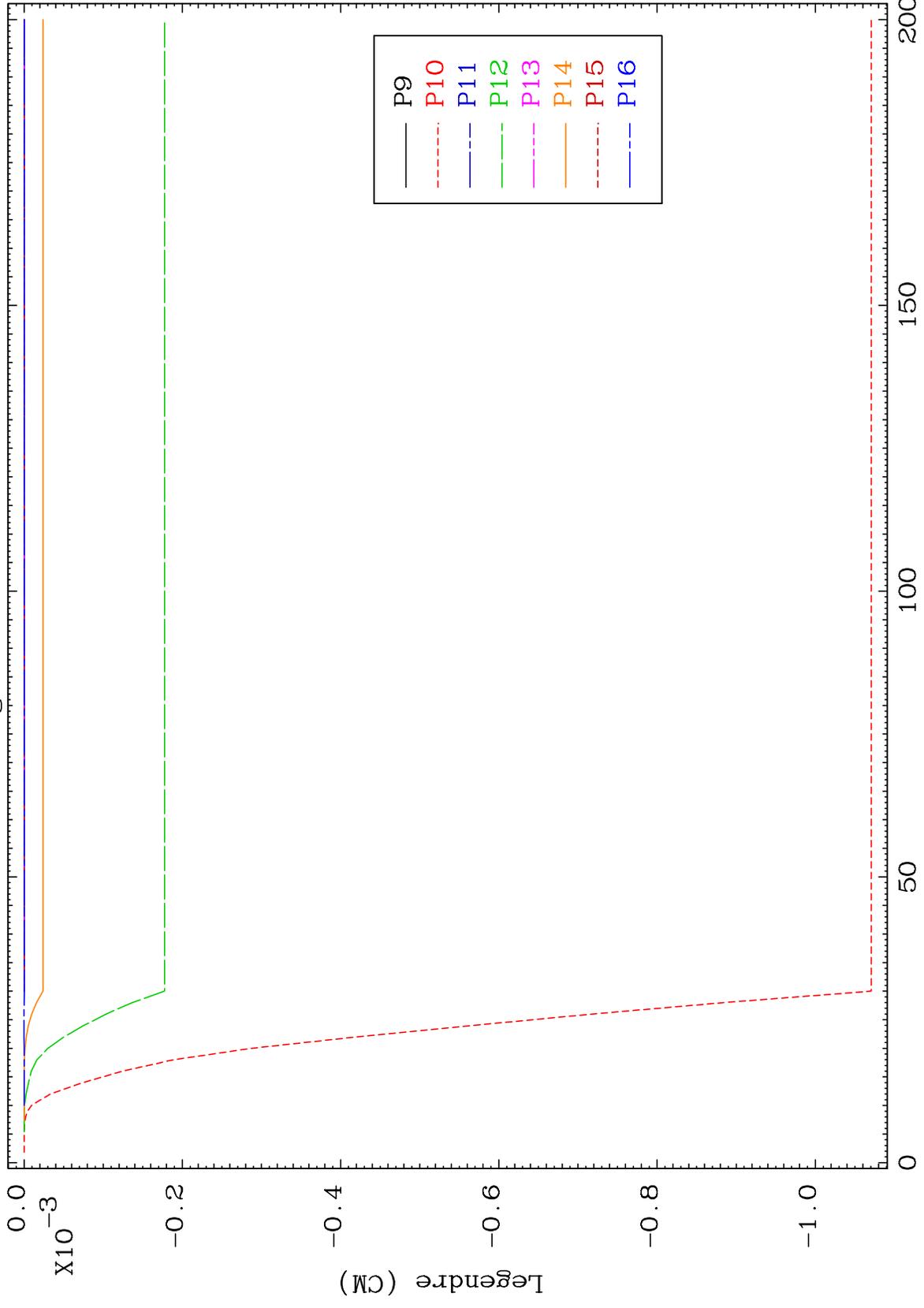
Incident Energy (MeV)

37-Rb-80

MAT 3710

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

37-Rb-80

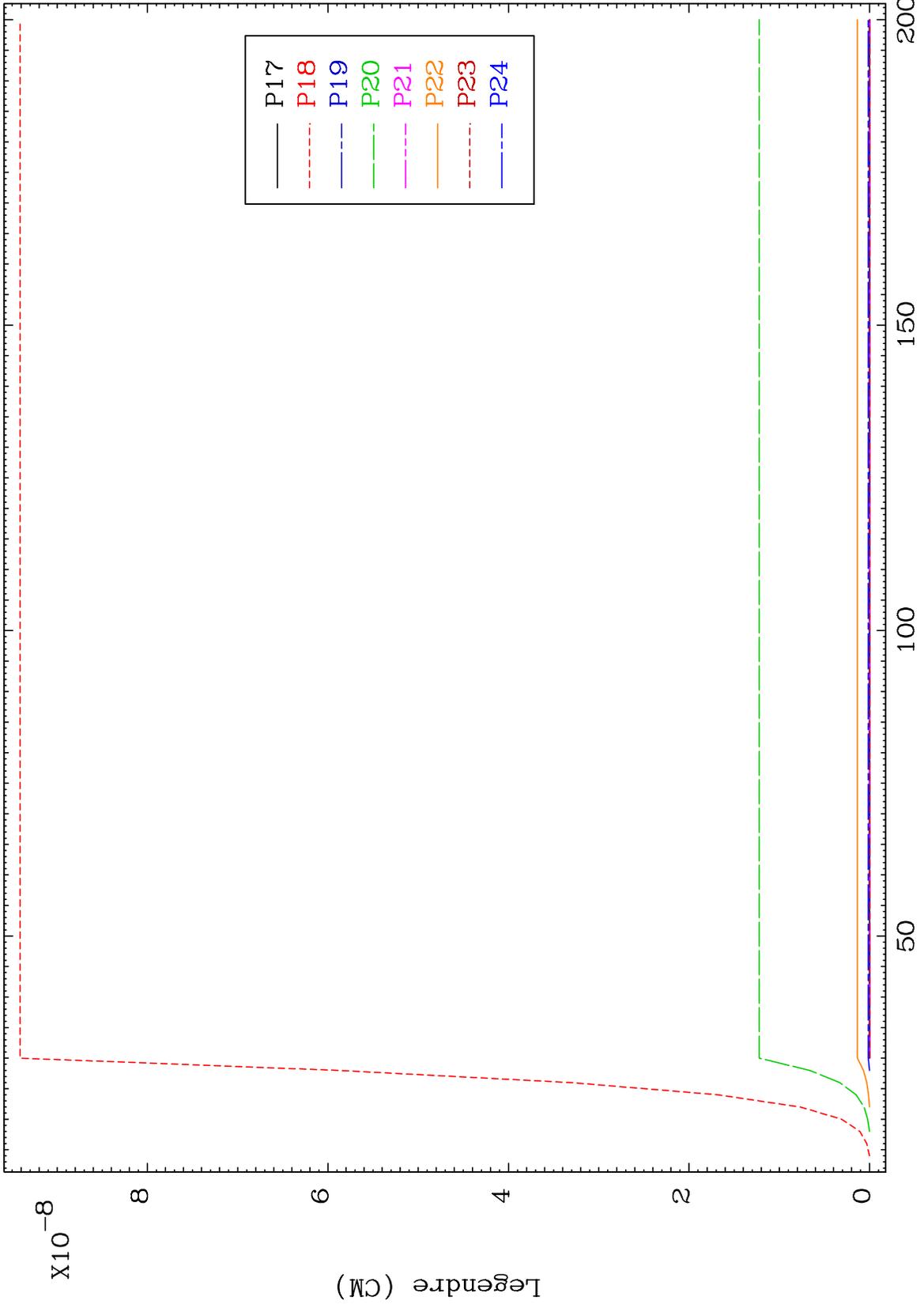


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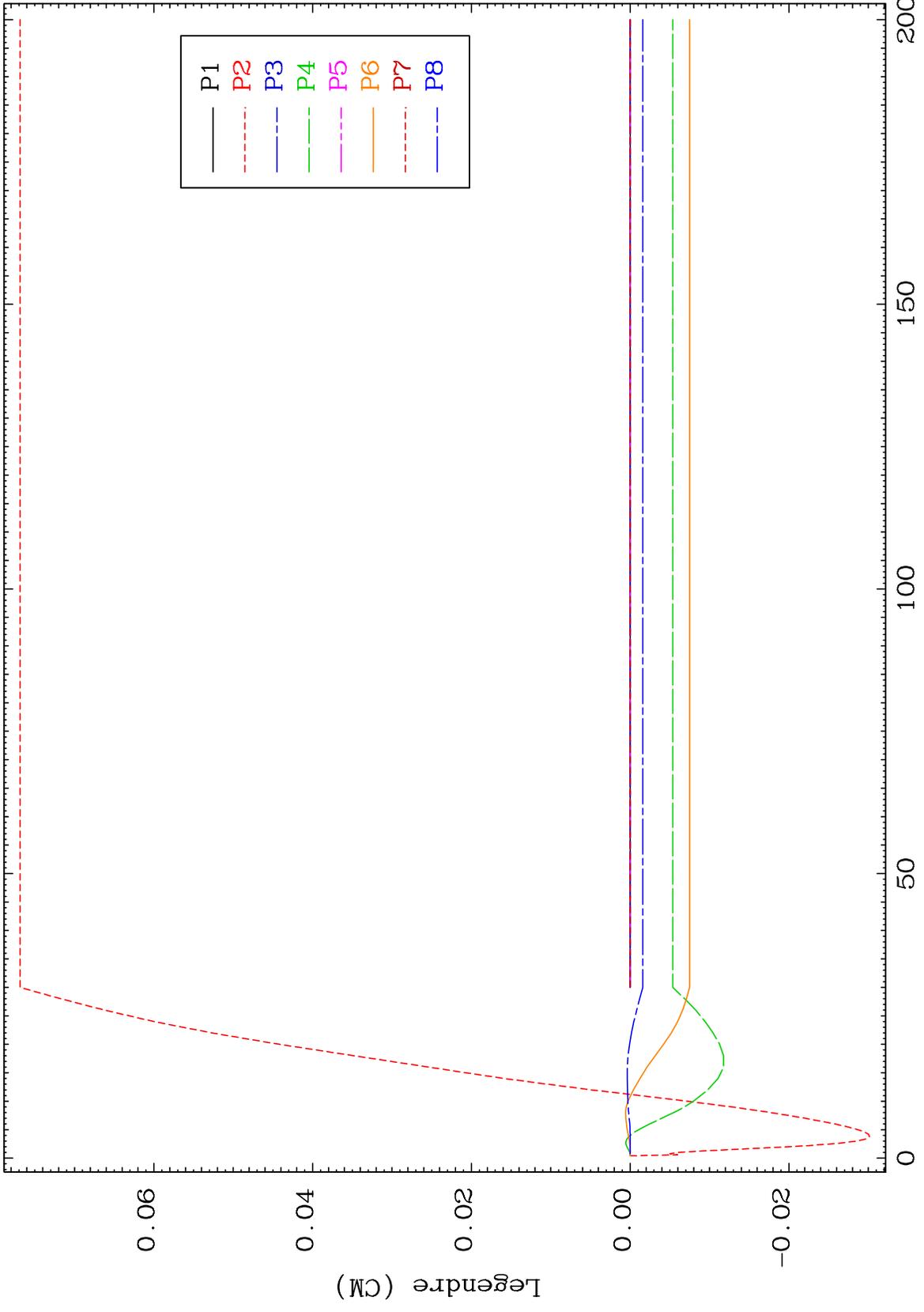
Incident Energy (MeV)

28

MAT 3710 MT= 54 (n,n') Level Legendre Coefficients 37-Rb-80



MAT 3710 MT= 55 (n,n') Level Legendre Coefficients 37-Rb-80

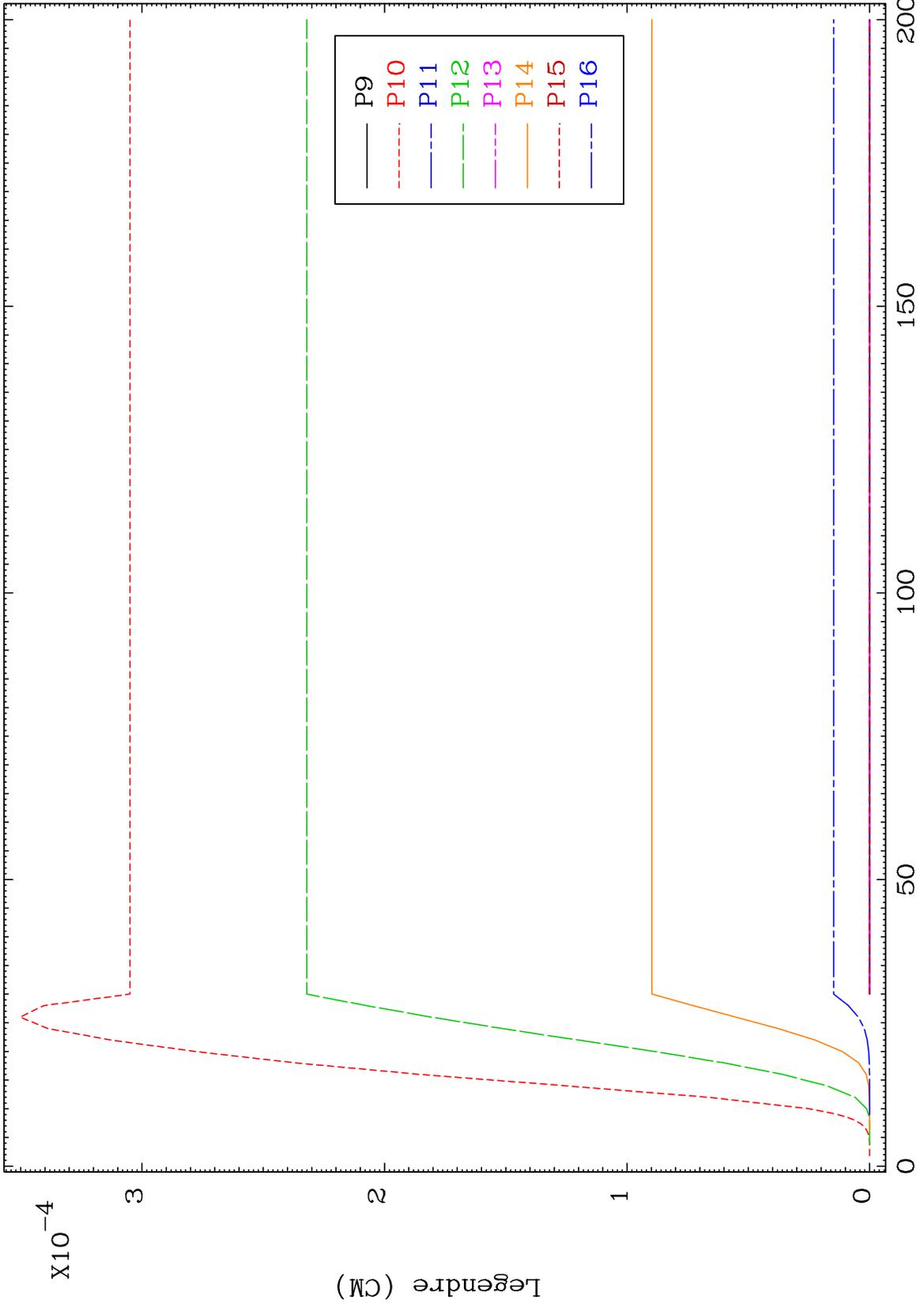


37-Rb-80

MAT 3710

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

37-Rb-80

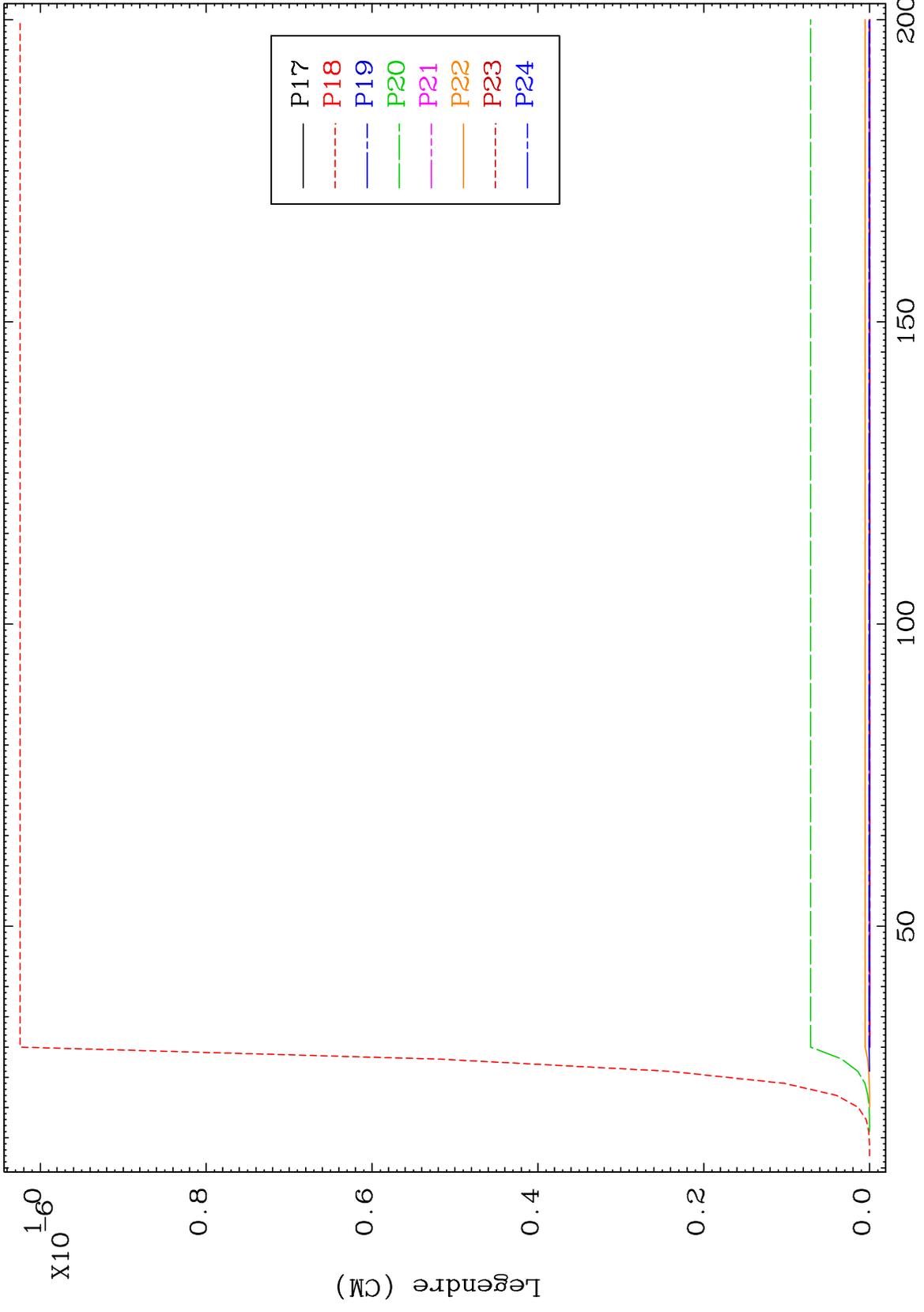


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Incident Energy (MeV)

37-Rb-80

MAT 3710 MT= 55 (n,n') Level Legendre Coefficients 37-Rb-80

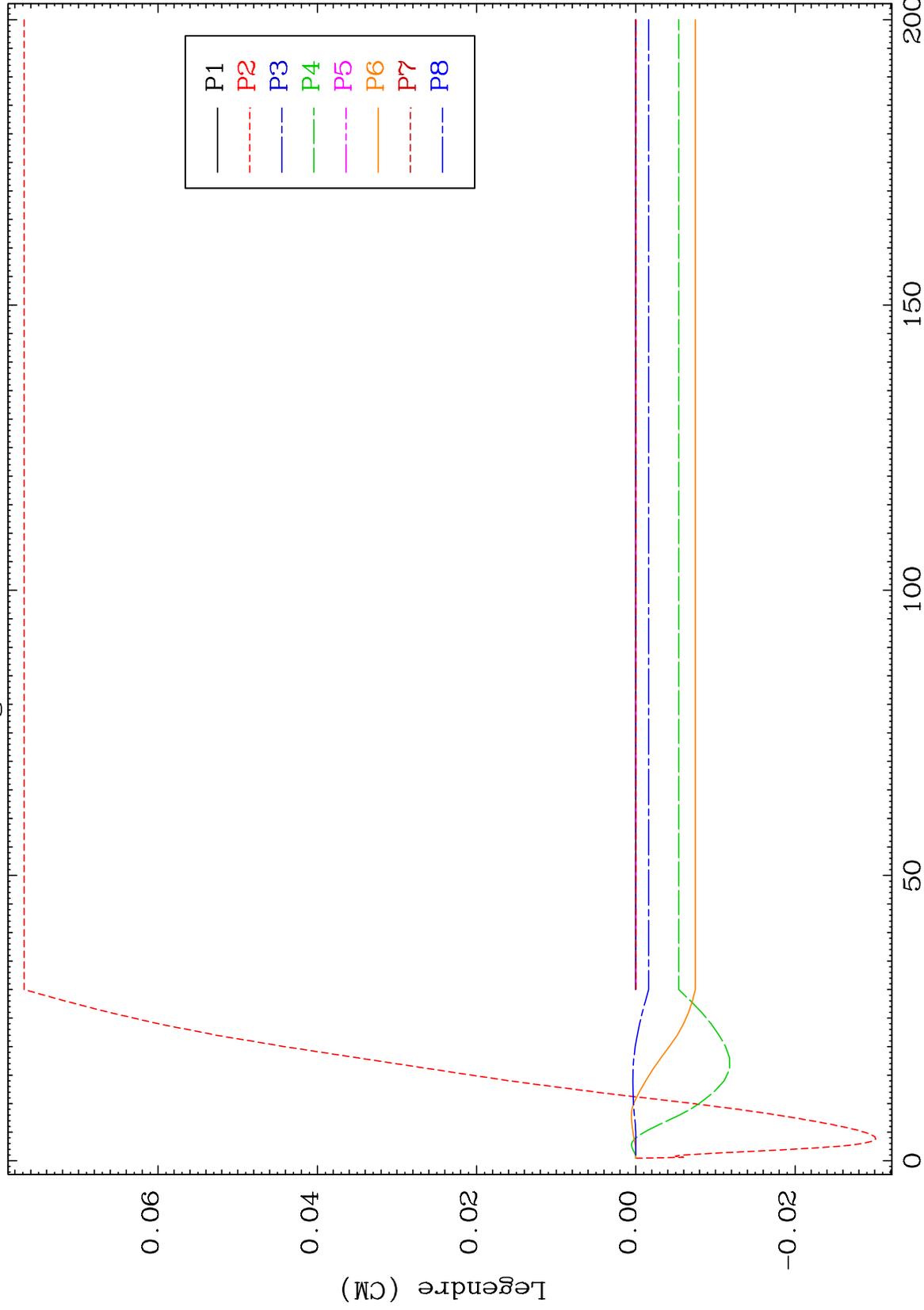


32 Incident Energy (MeV) 37-Rb-80

MAT 3710

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

37-Rb-80



33

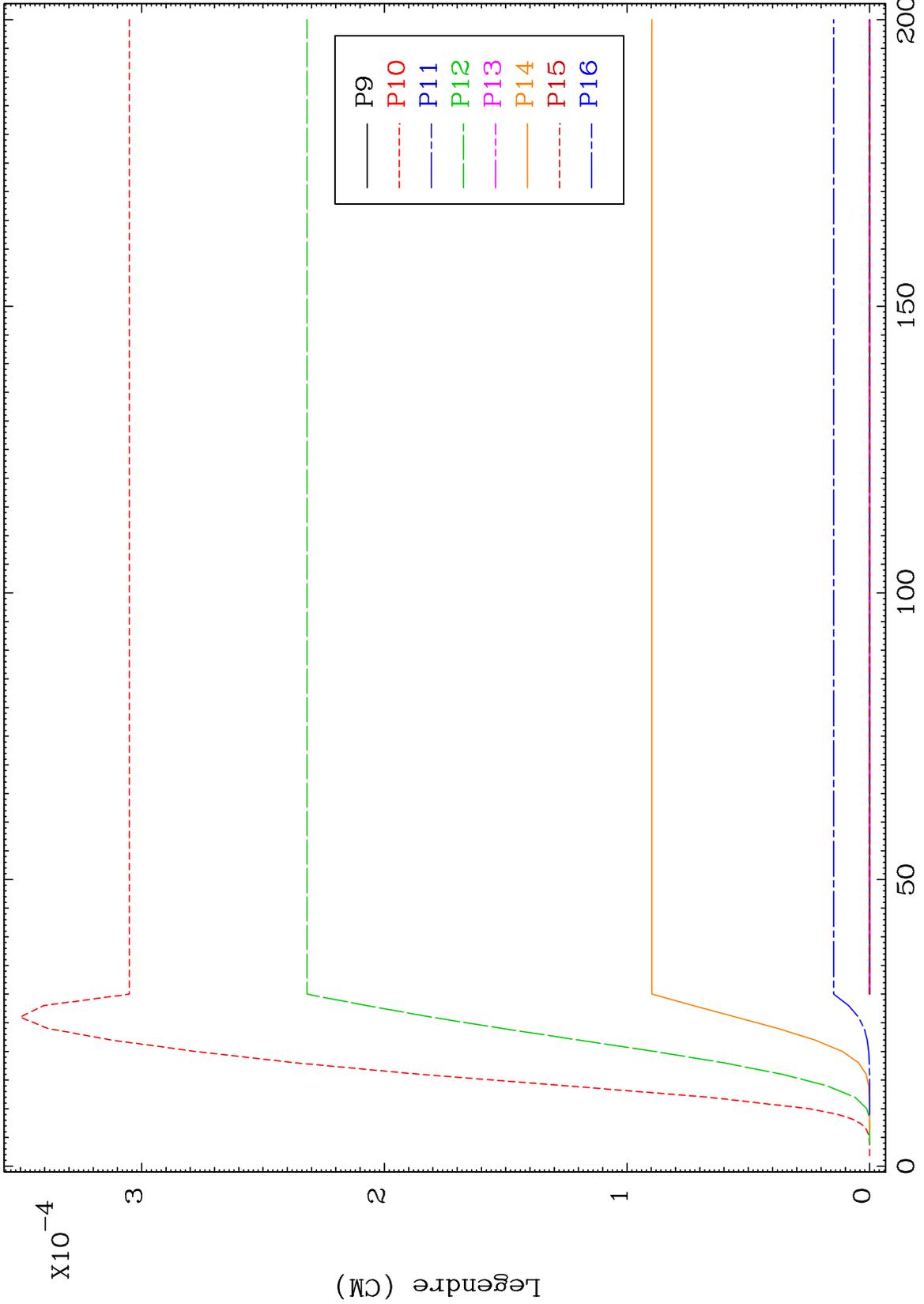
Incident Energy (MeV)

37-Rb-80

MAT 3710

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

37-Rb-80

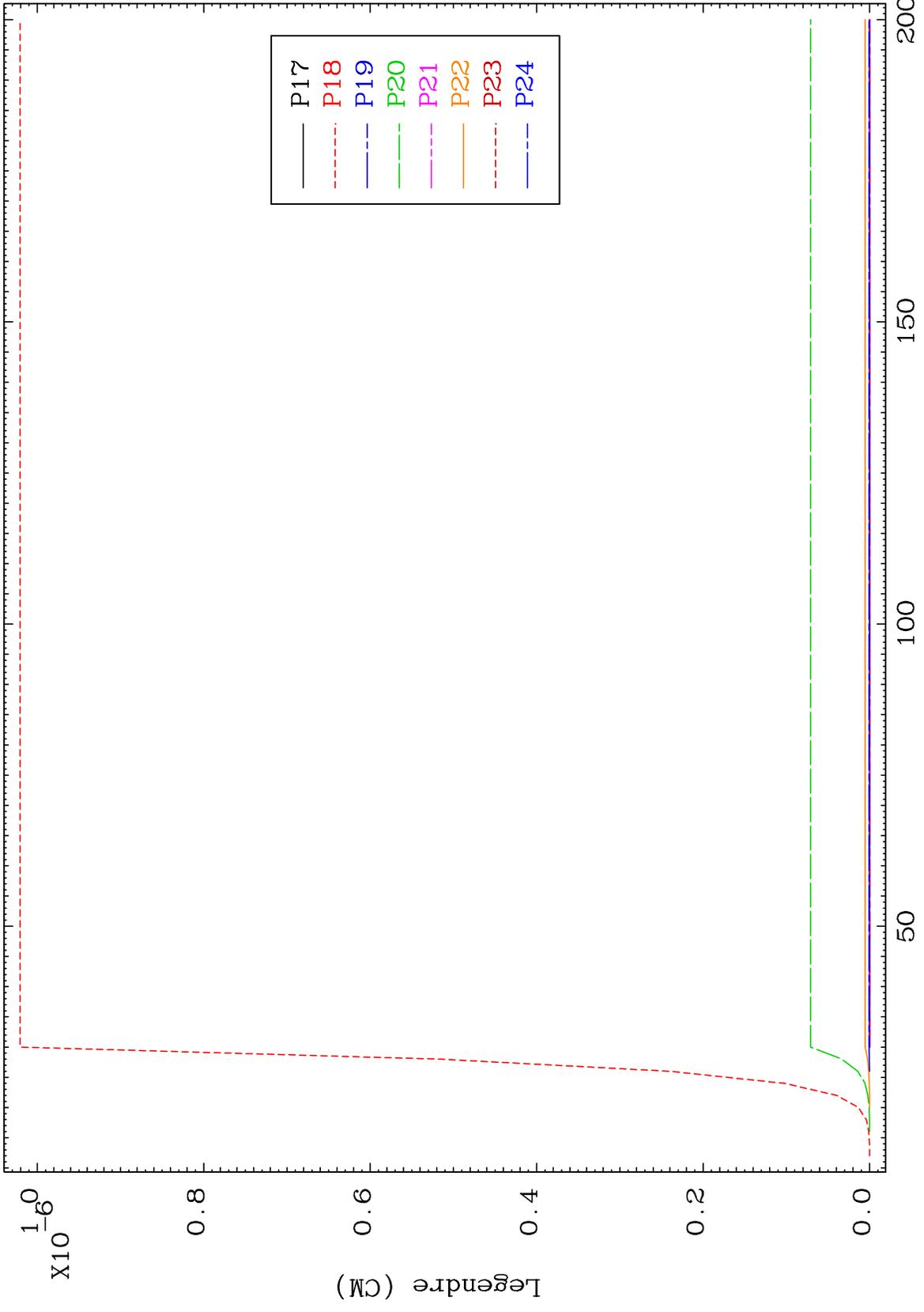


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Incident Energy (MeV)

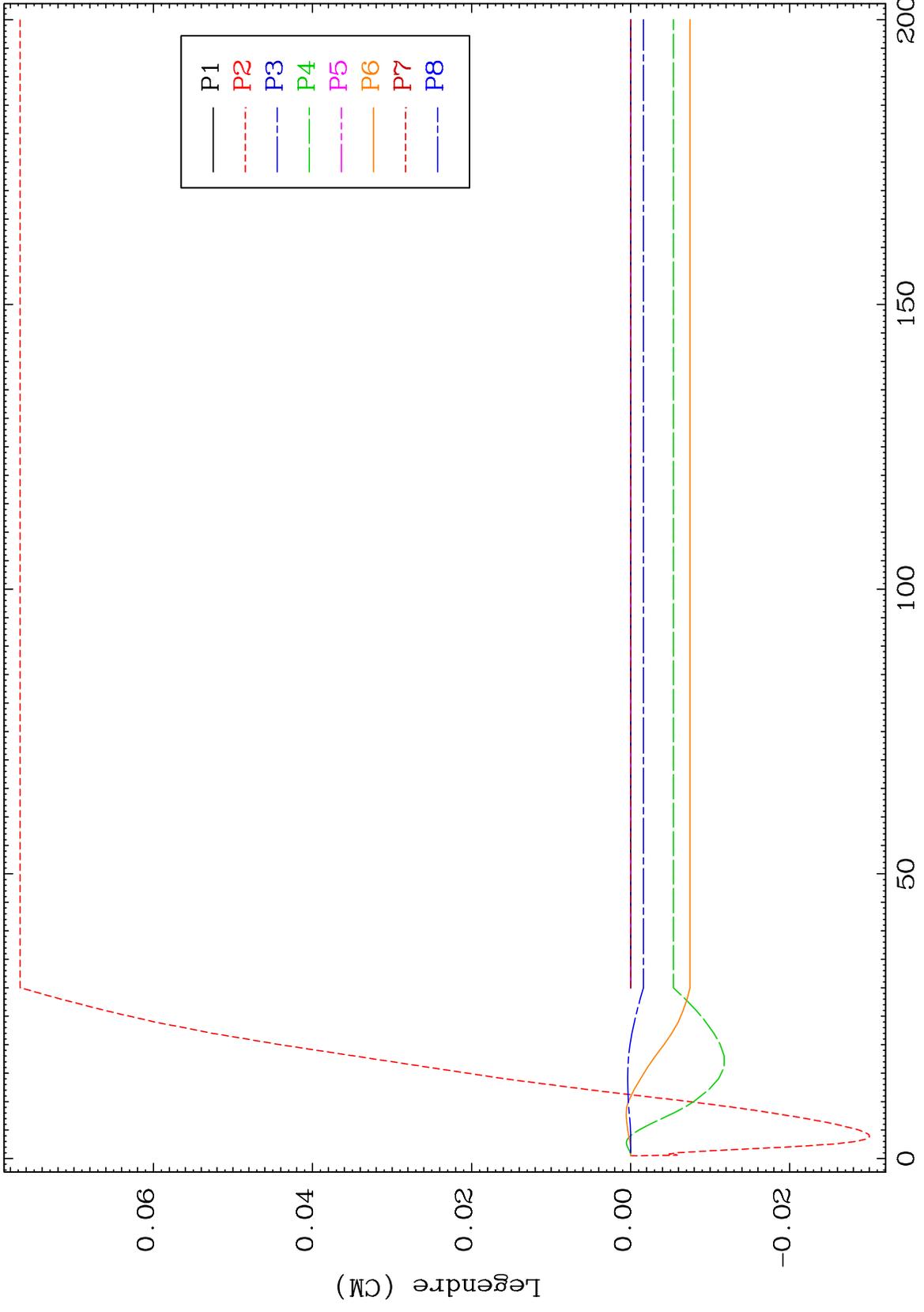
37-Rb-80

MAT 3710 MT= 56 (n,n') Level Legendre Coefficients 37-Rb-80



37-Rb-80

MAT 3710 MT= 57 (n,n') Level Legendre Coefficients 37-Rb-80

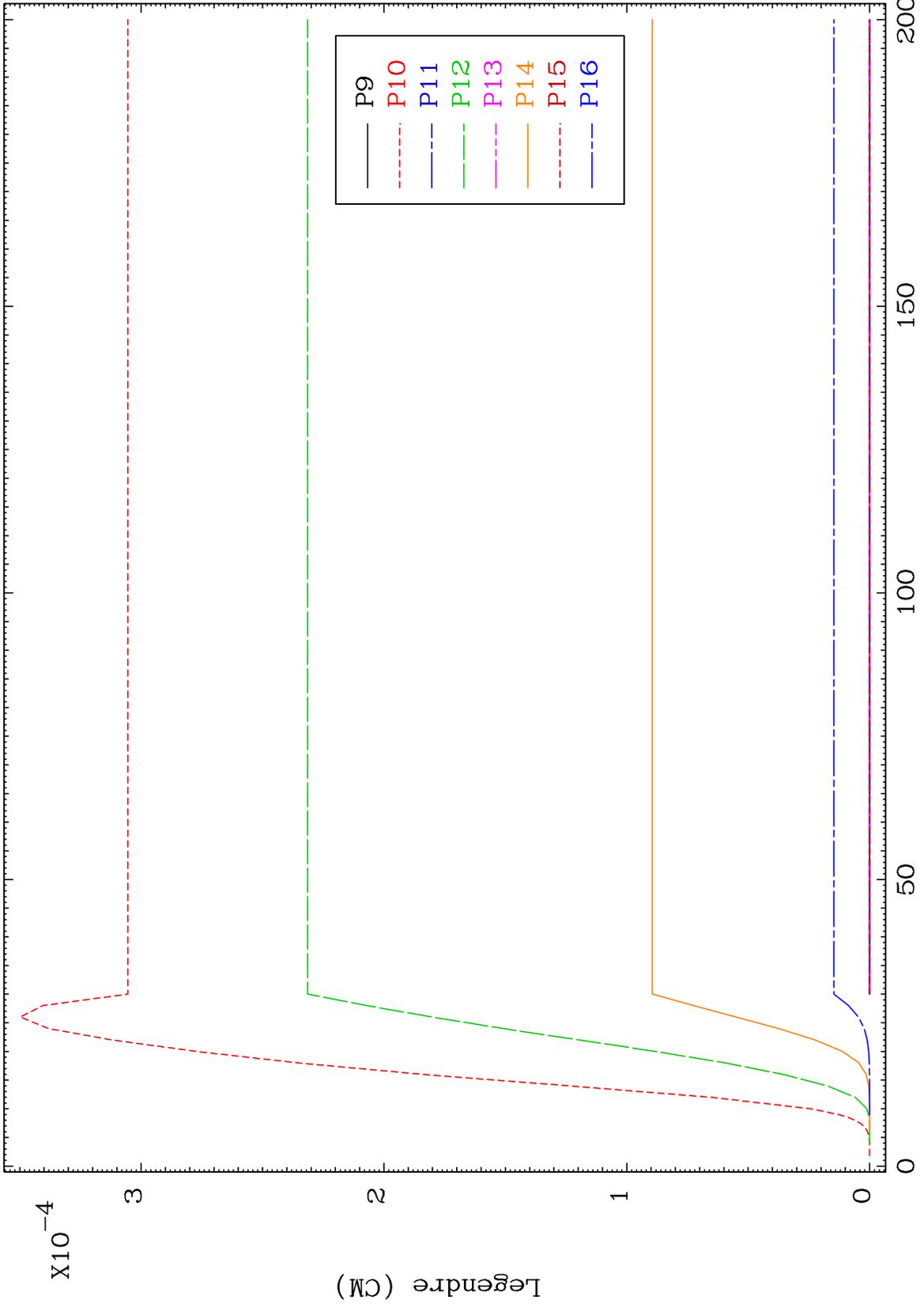


36 37-Rb-80

MAT 3710

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

37-Rb-80

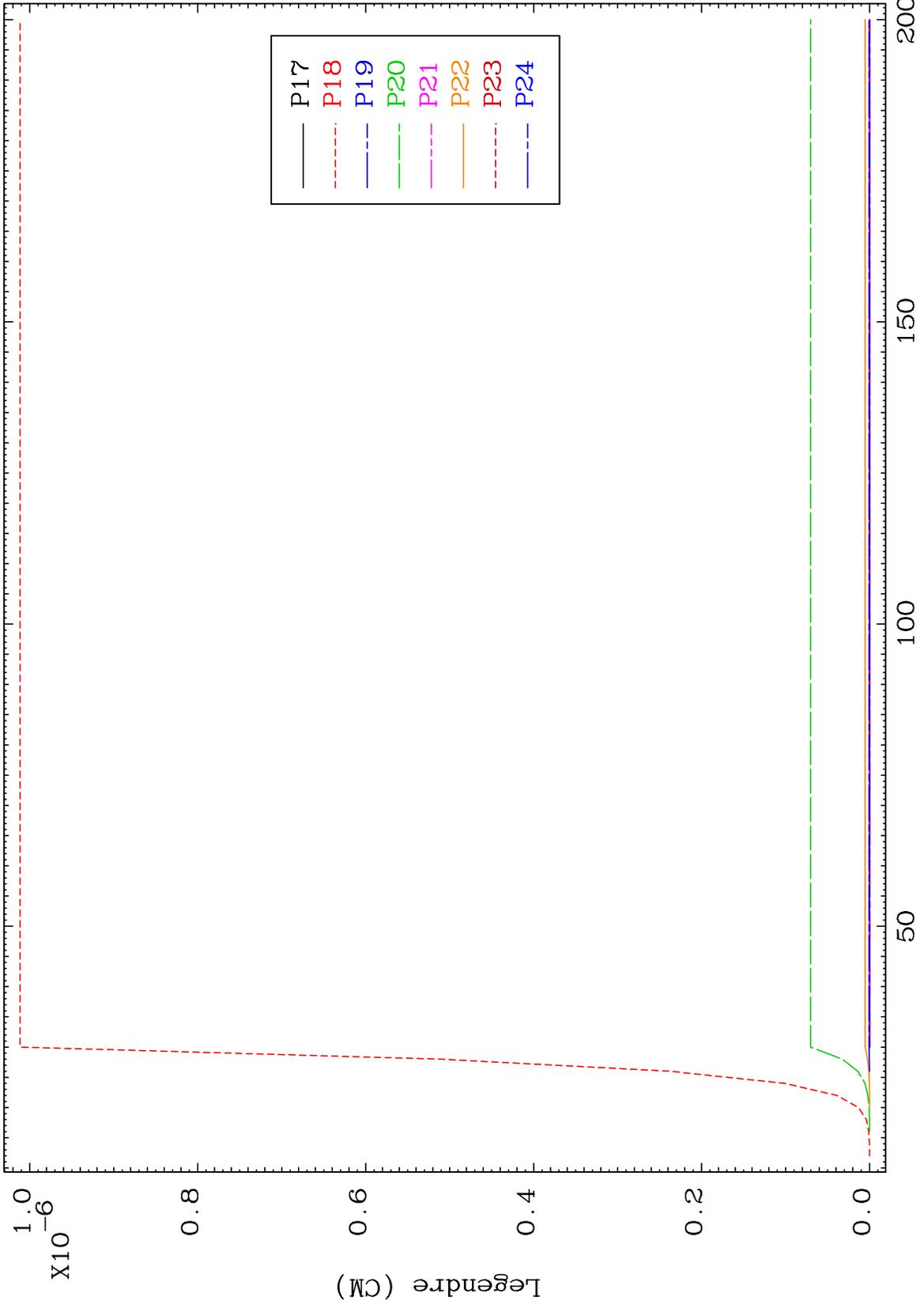


37

Incident Energy (MeV)

37-Rb-80

MAT 3710 MT= 57 (n,n') Level Legendre Coefficients 37-Rb-80

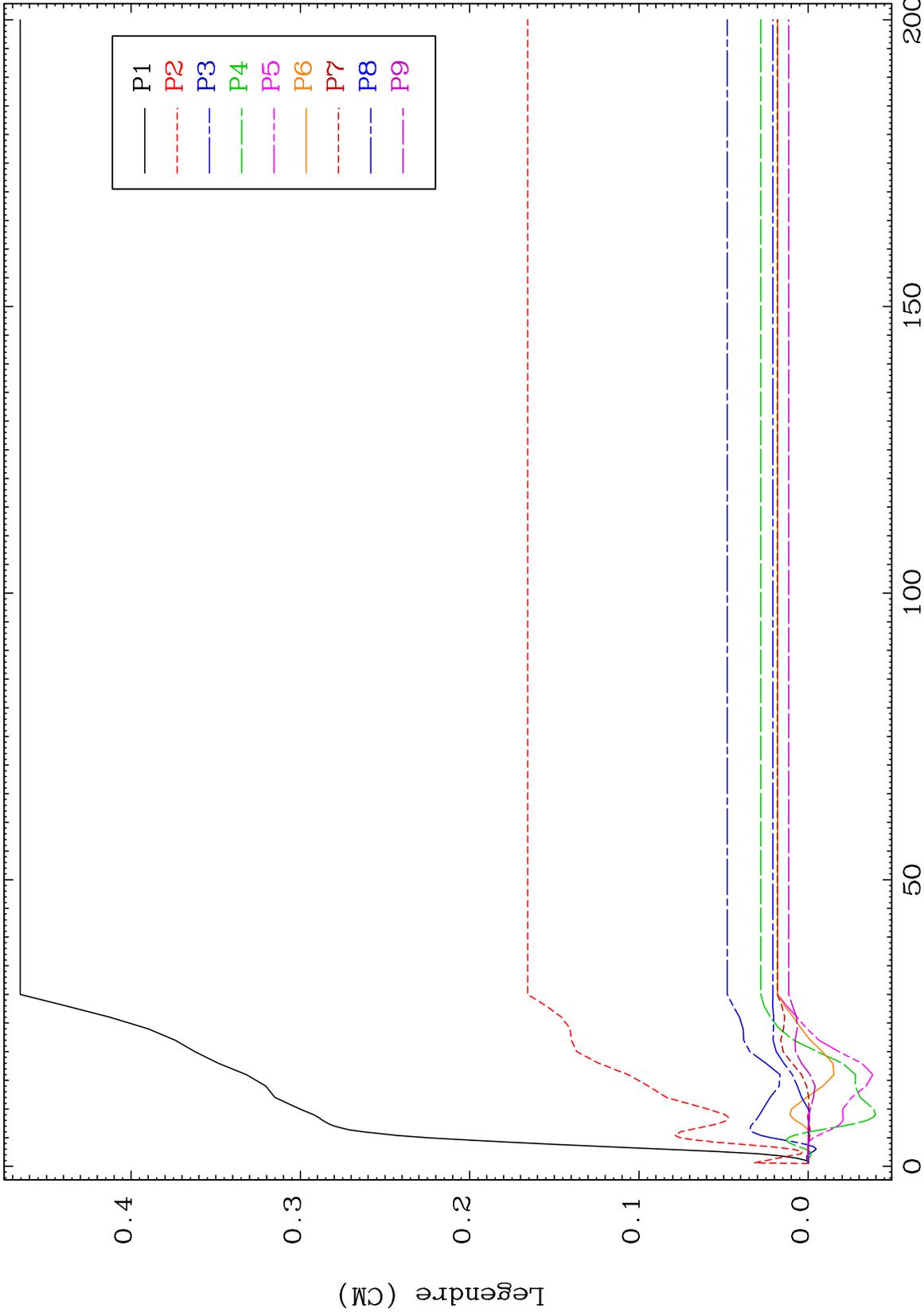


38 Incident Energy (MeV) 37-Rb-80

MAT 3710

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

37-Rb-80

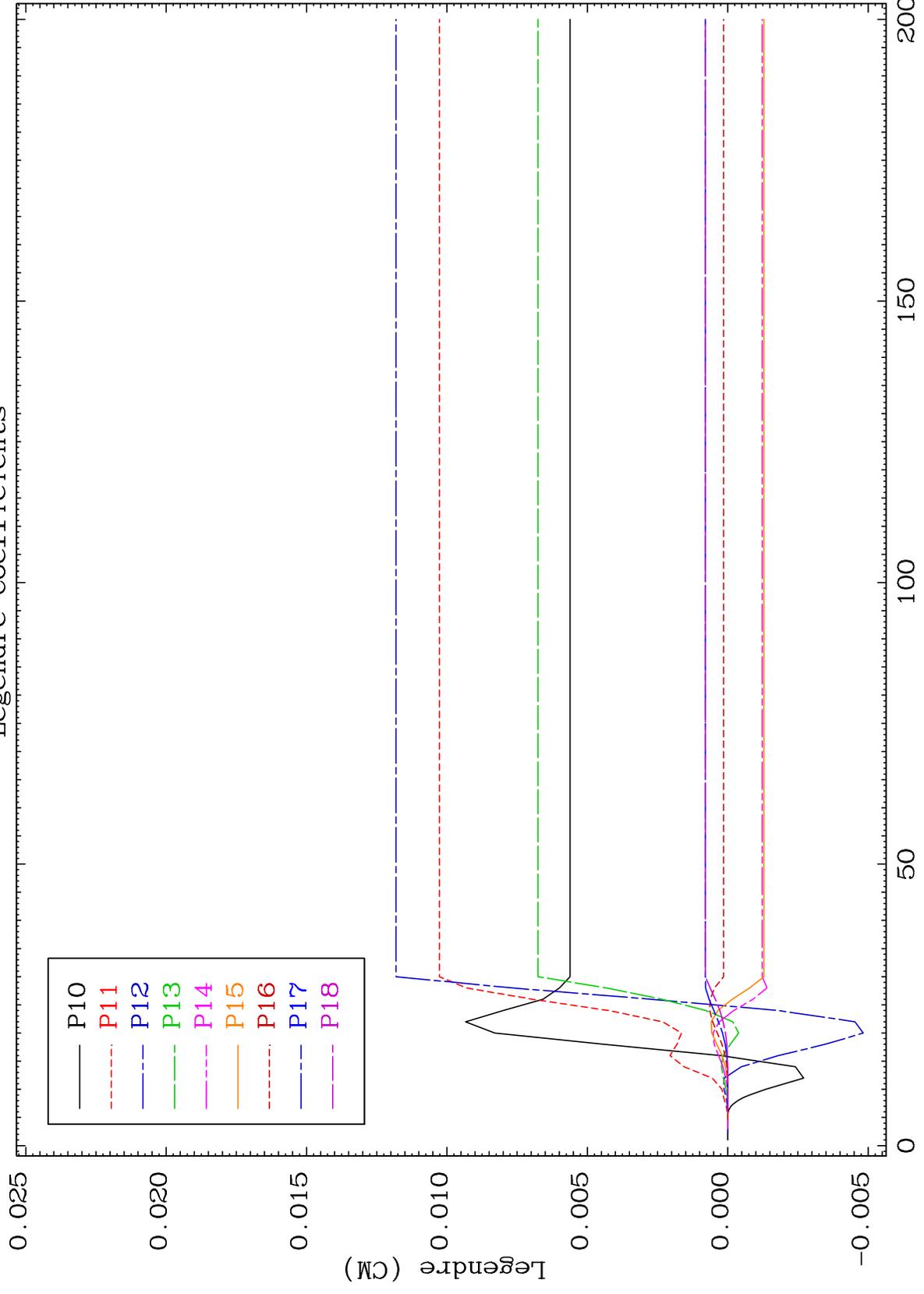


39

Incident Energy (MeV)

37-Rb-80

MAT 3710 MT= 58 (n,n') Level Legendre Coefficients 37-Rb-80



37-Rb-80

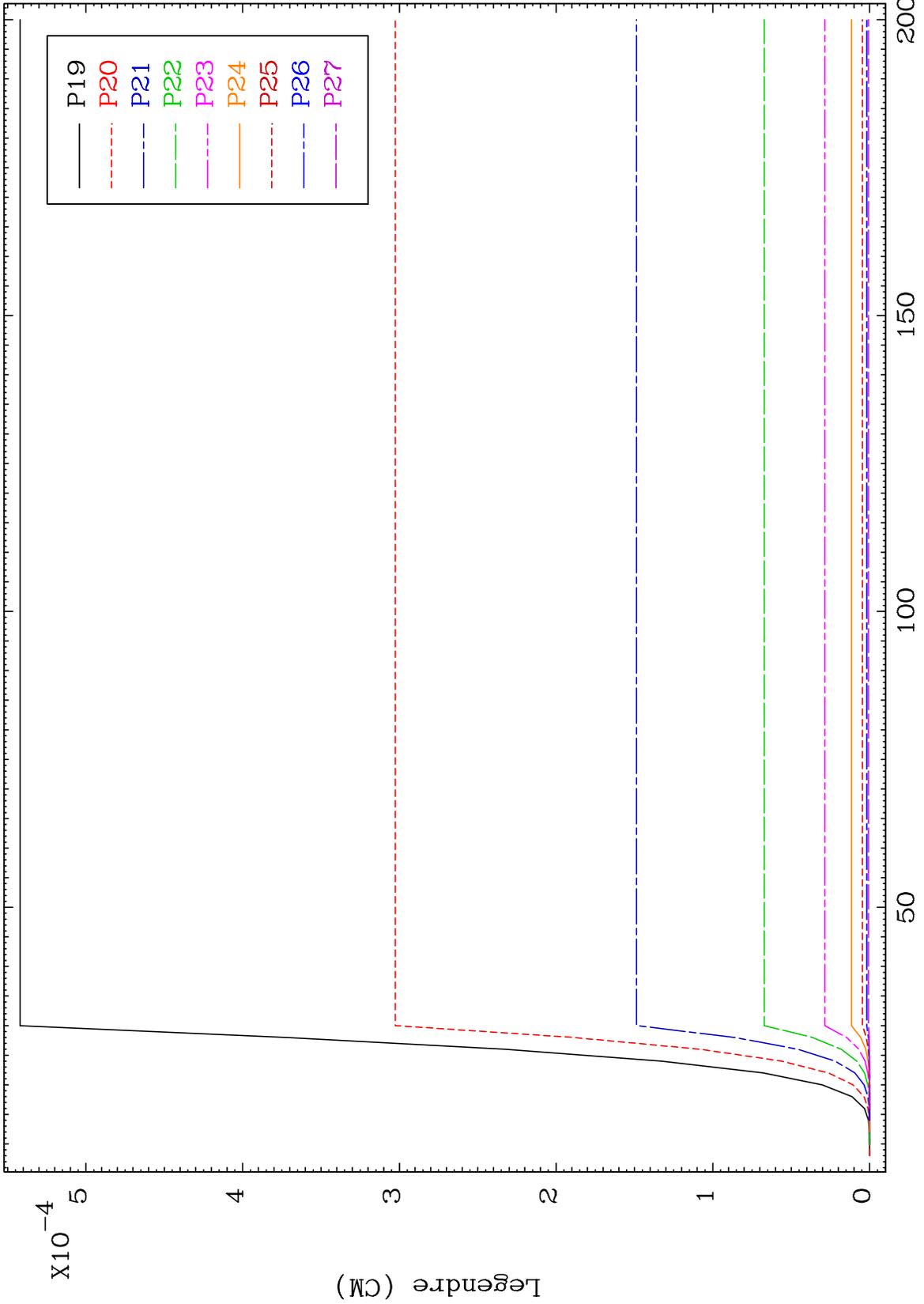
Incident Energy (MeV)

40

MAT 3710

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

37-Rb-80



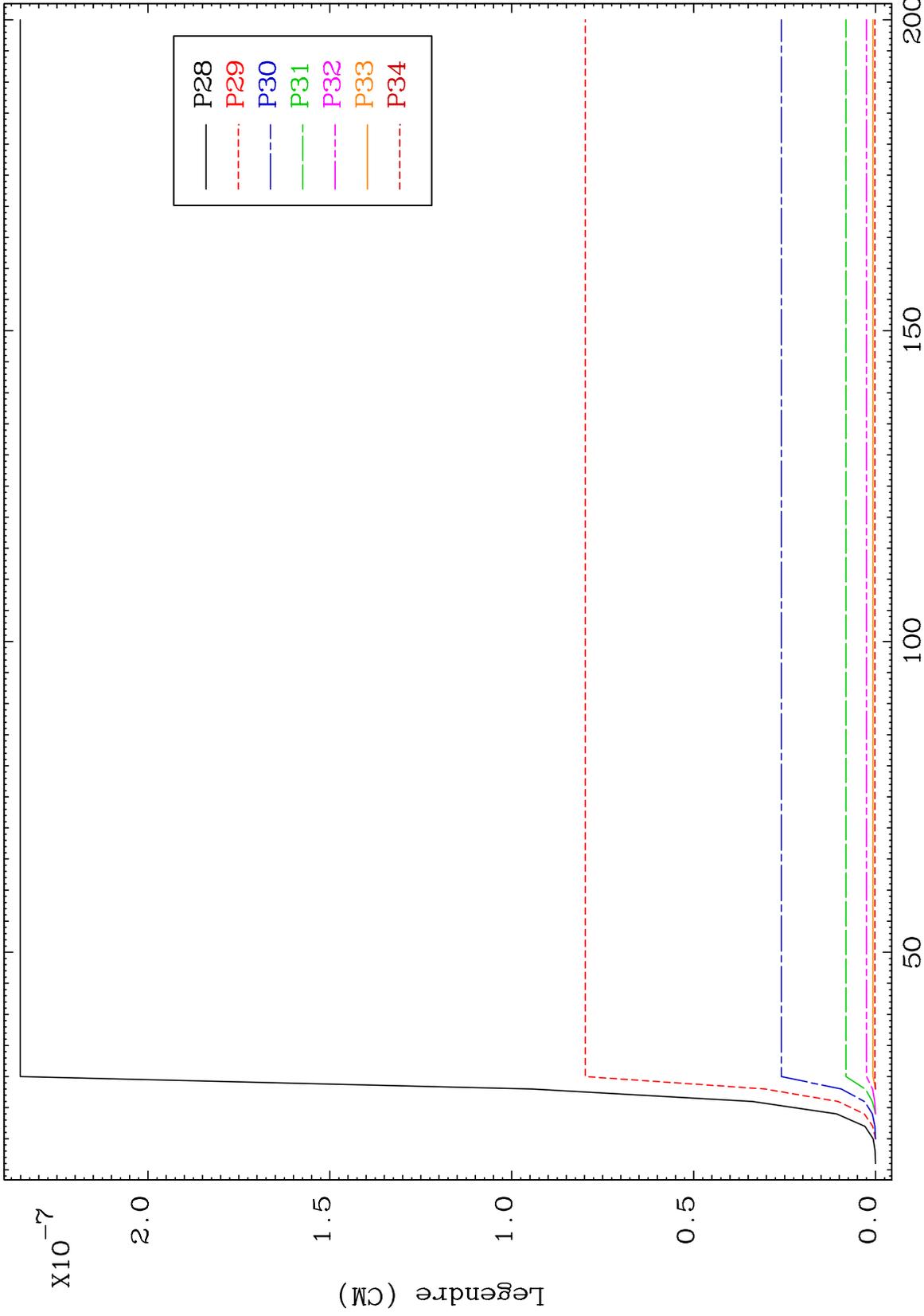
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37-Rb-80

MAT 3710

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

37-Rb-80



42

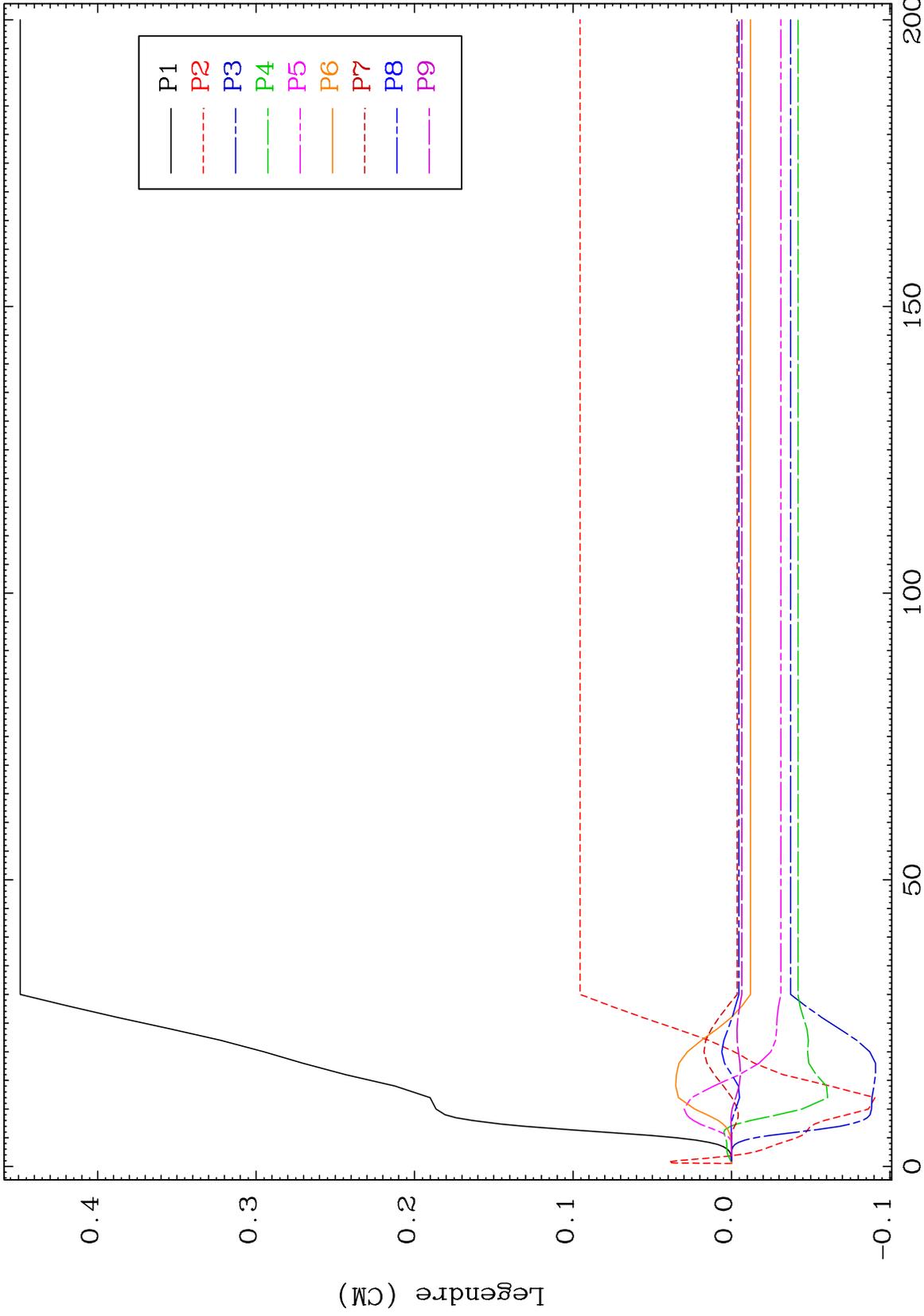
Incident Energy (MeV)

37-Rb-80

MAT 3710

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

37-Rb-80

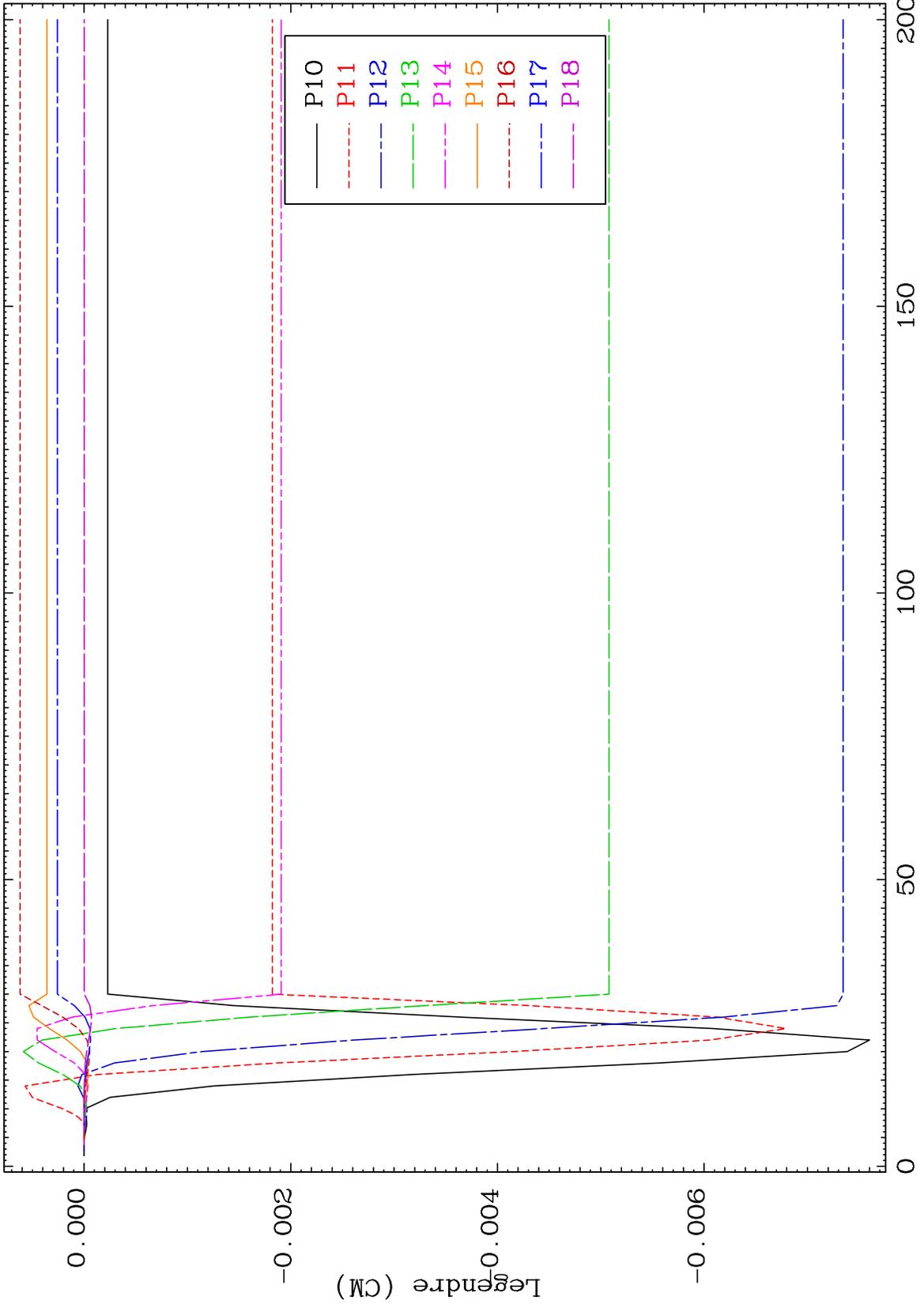


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Incident Energy (MeV)

37-Rb-80

MAT 3710 MT= 59 (n,n') Level Legendre Coefficients 37-Rb-80

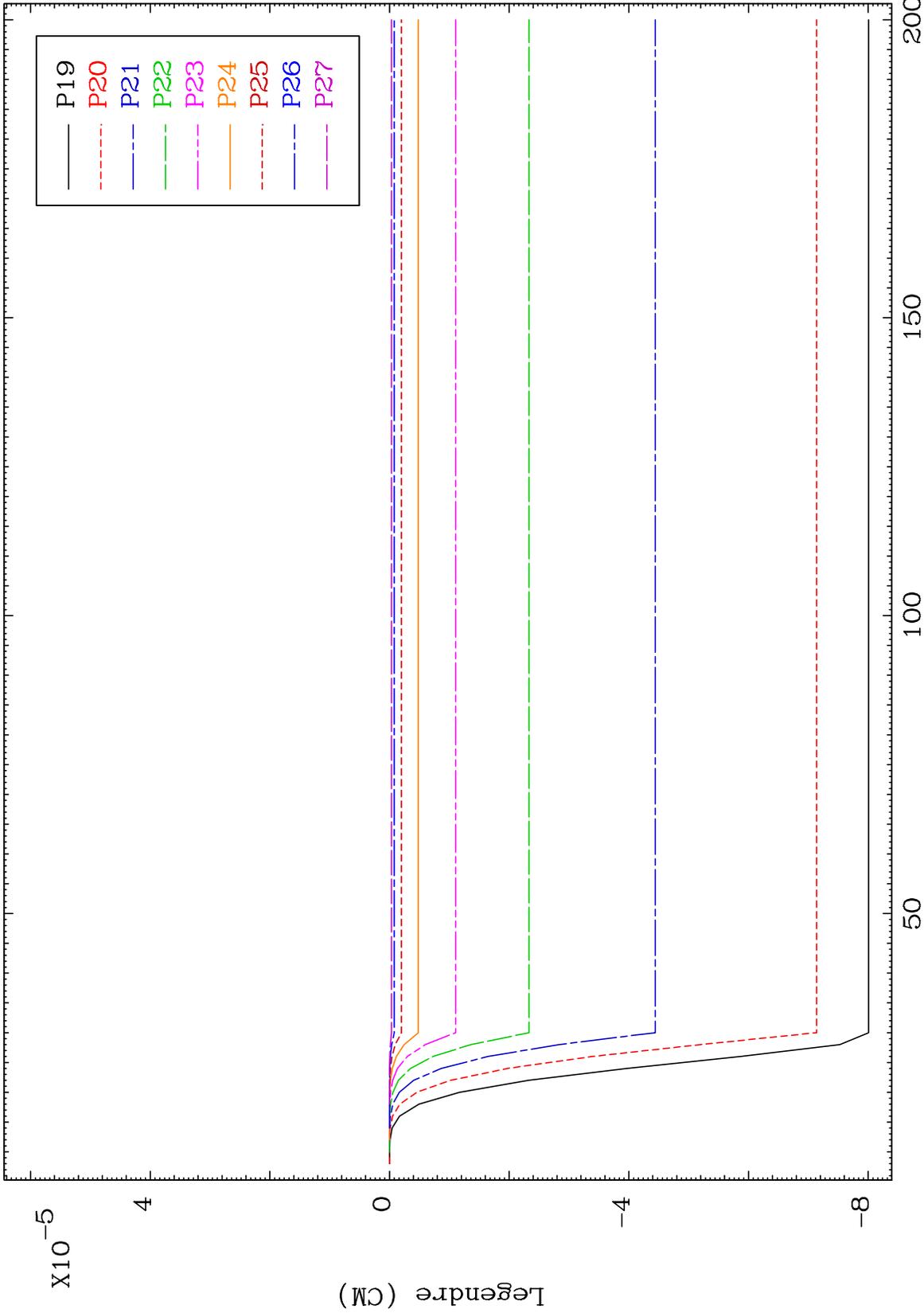


44 37-Rb-80

MAT 3710

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

37-Rb-80

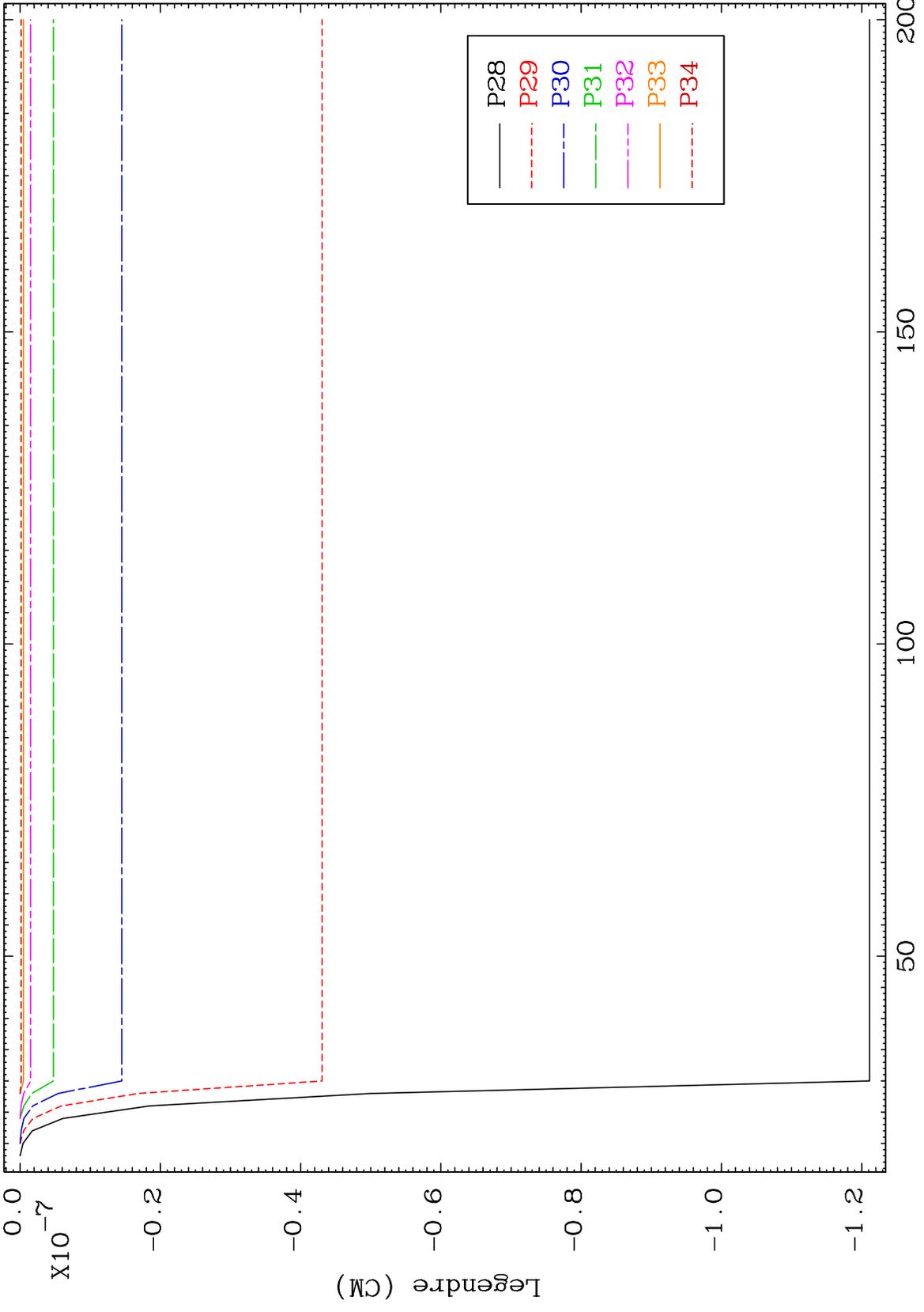


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Incident Energy (MeV)

37-Rb-80

MAT 3710 MT= 59 (n,n') Level Legendre Coefficients 37-Rb-80

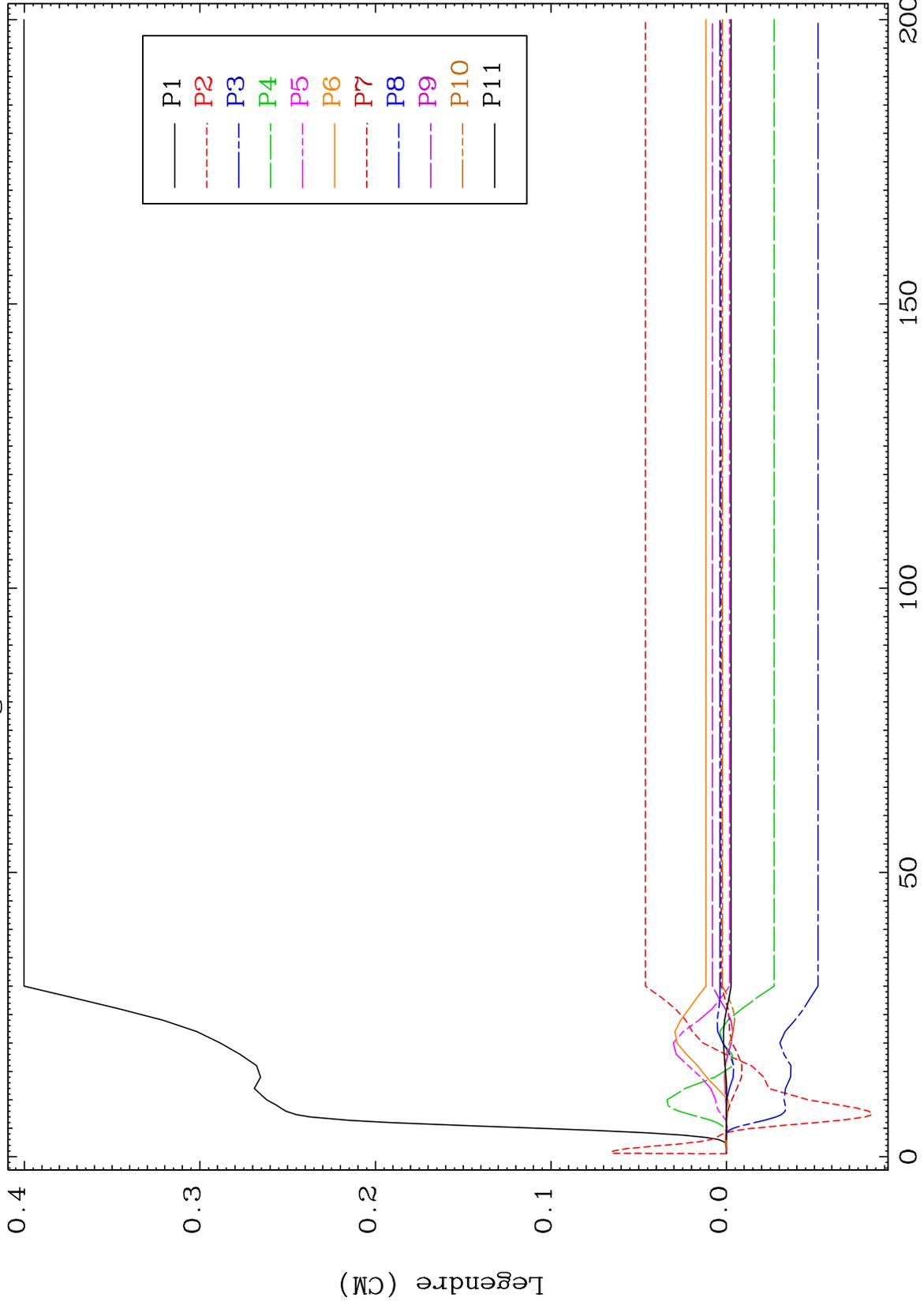


46 37-Rb-80

MAT 3710

MT= 60 (n,n') Level  
Legendre Coefficients

37-Rb-80



47

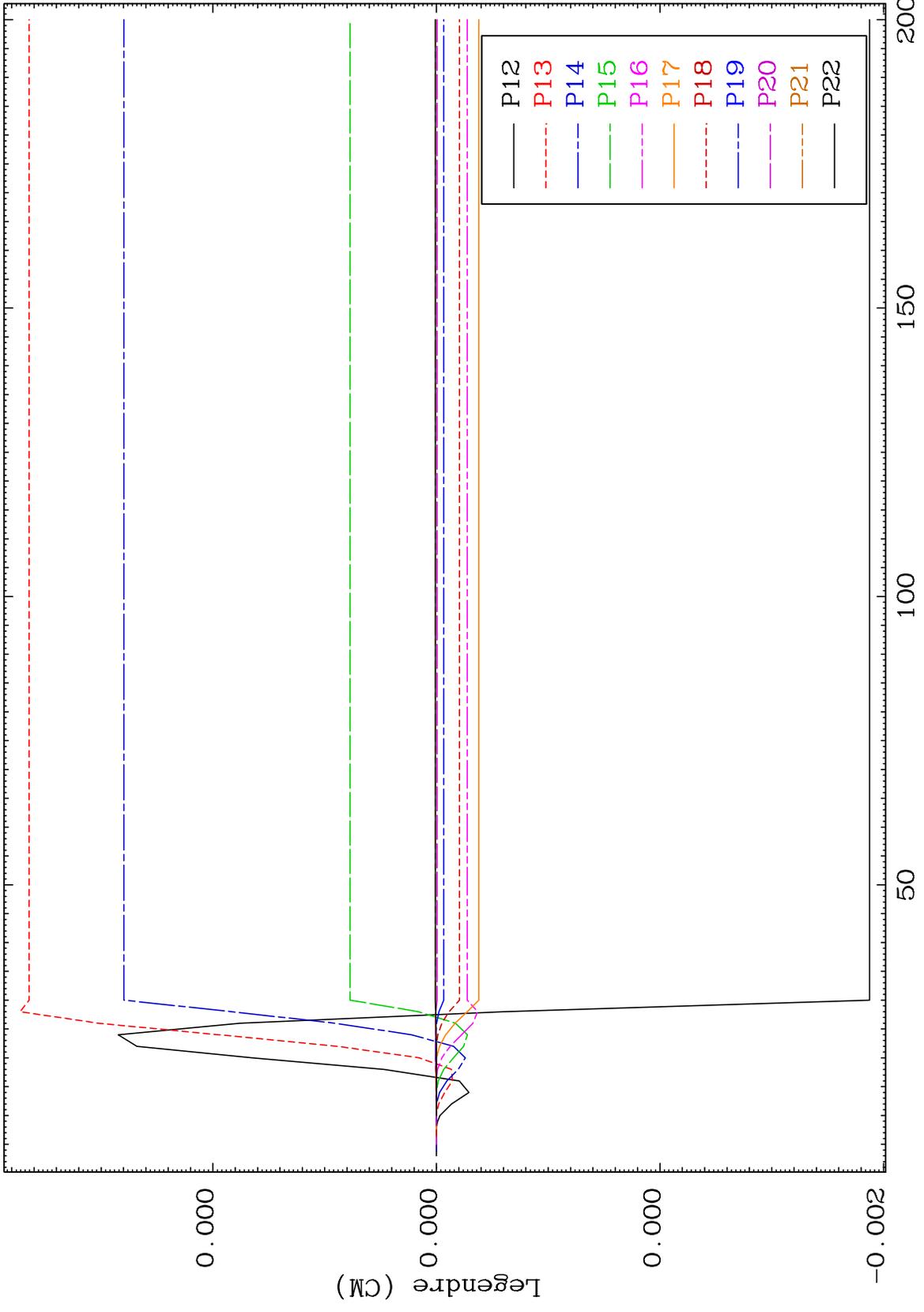
Incident Energy (MeV)

37-Rb-80

MAT 3710

MT= 60 (n,n') Level  
Legendre Coefficients

37-Rb-80

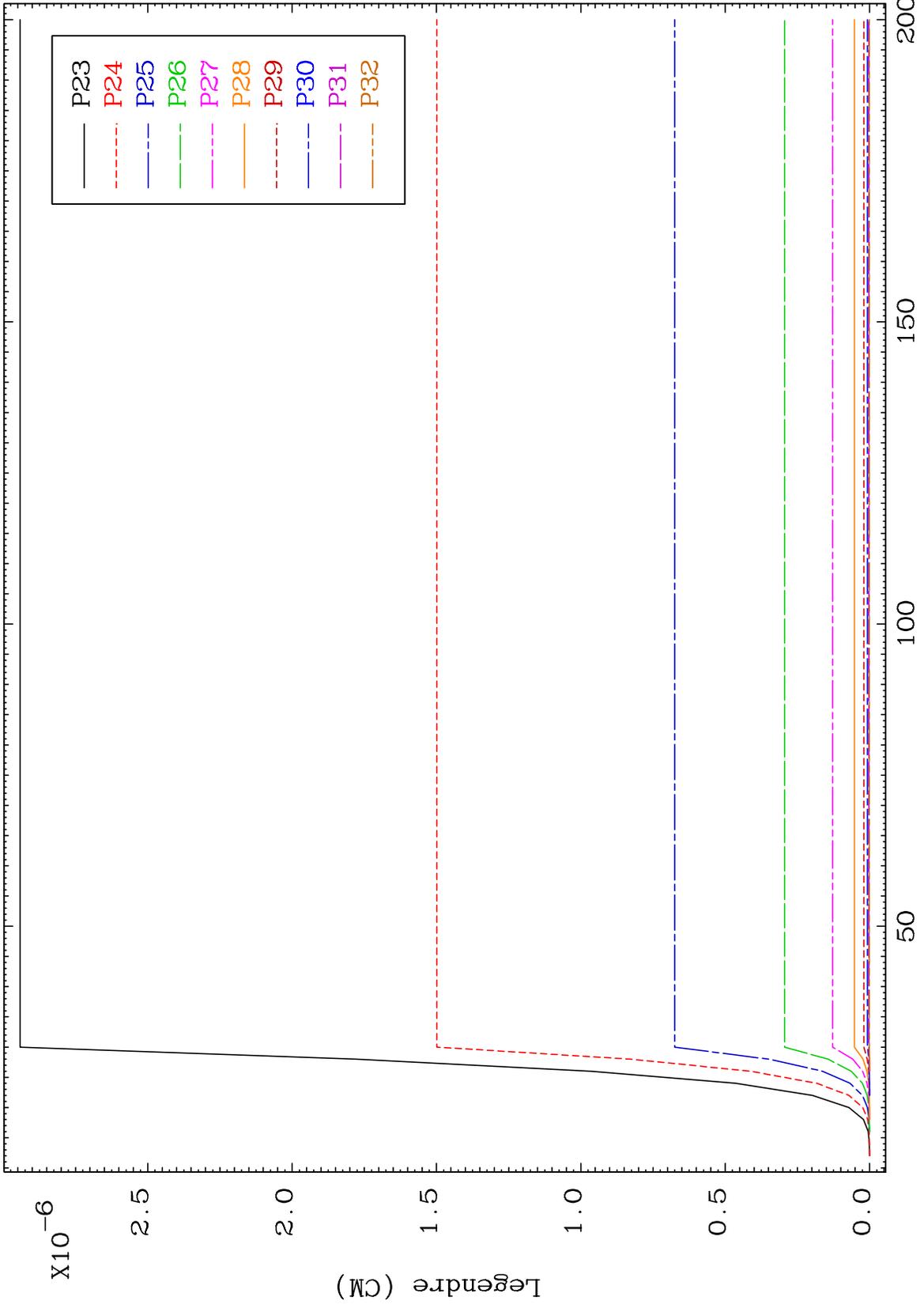


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Incident Energy (MeV)

37-Rb-80

MAT 3710 MT= 60 (n,n') Level Legendre Coefficients 37-Rb-80

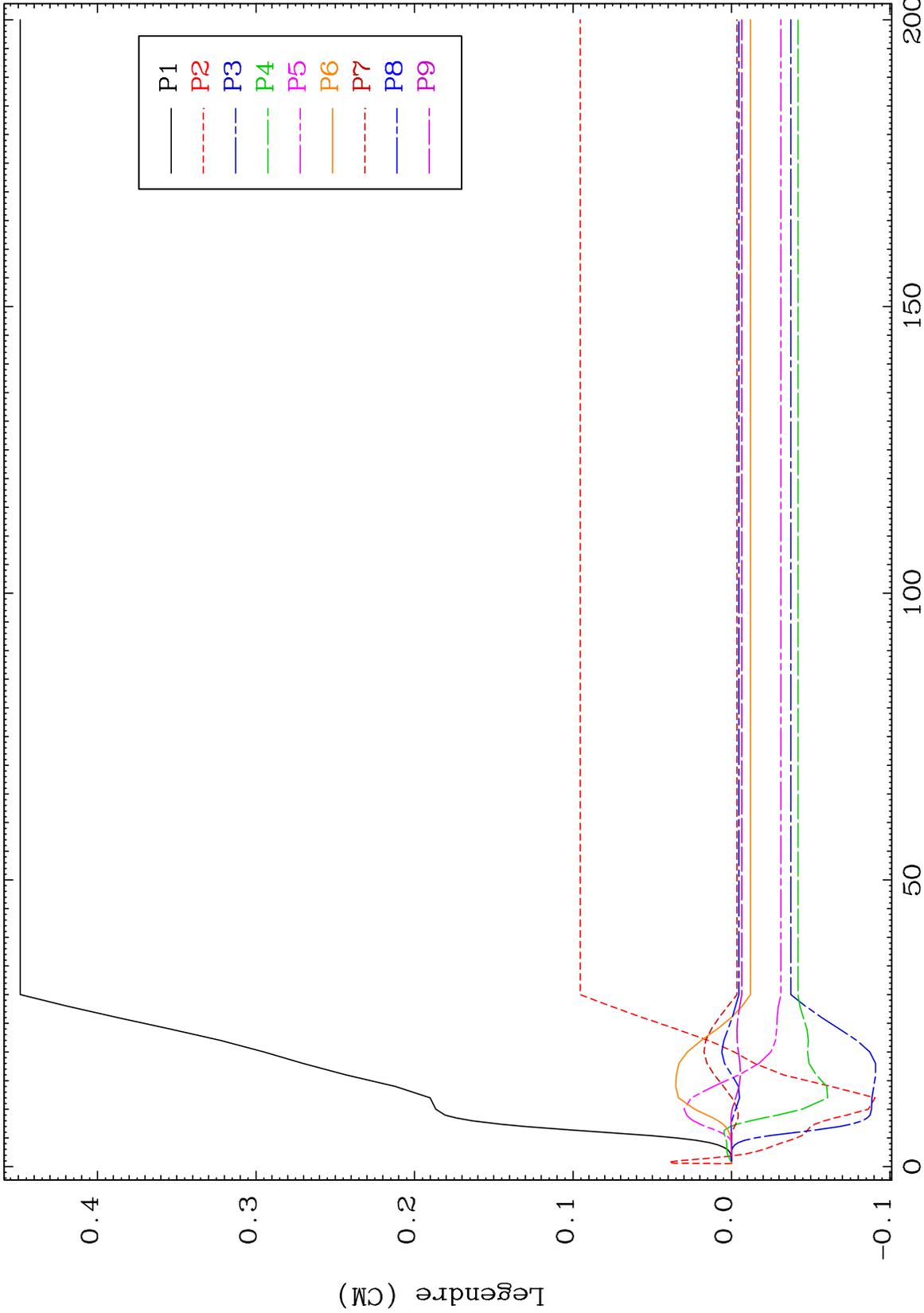


49 50 100 150 200 37-Rb-80

MAT 3710

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

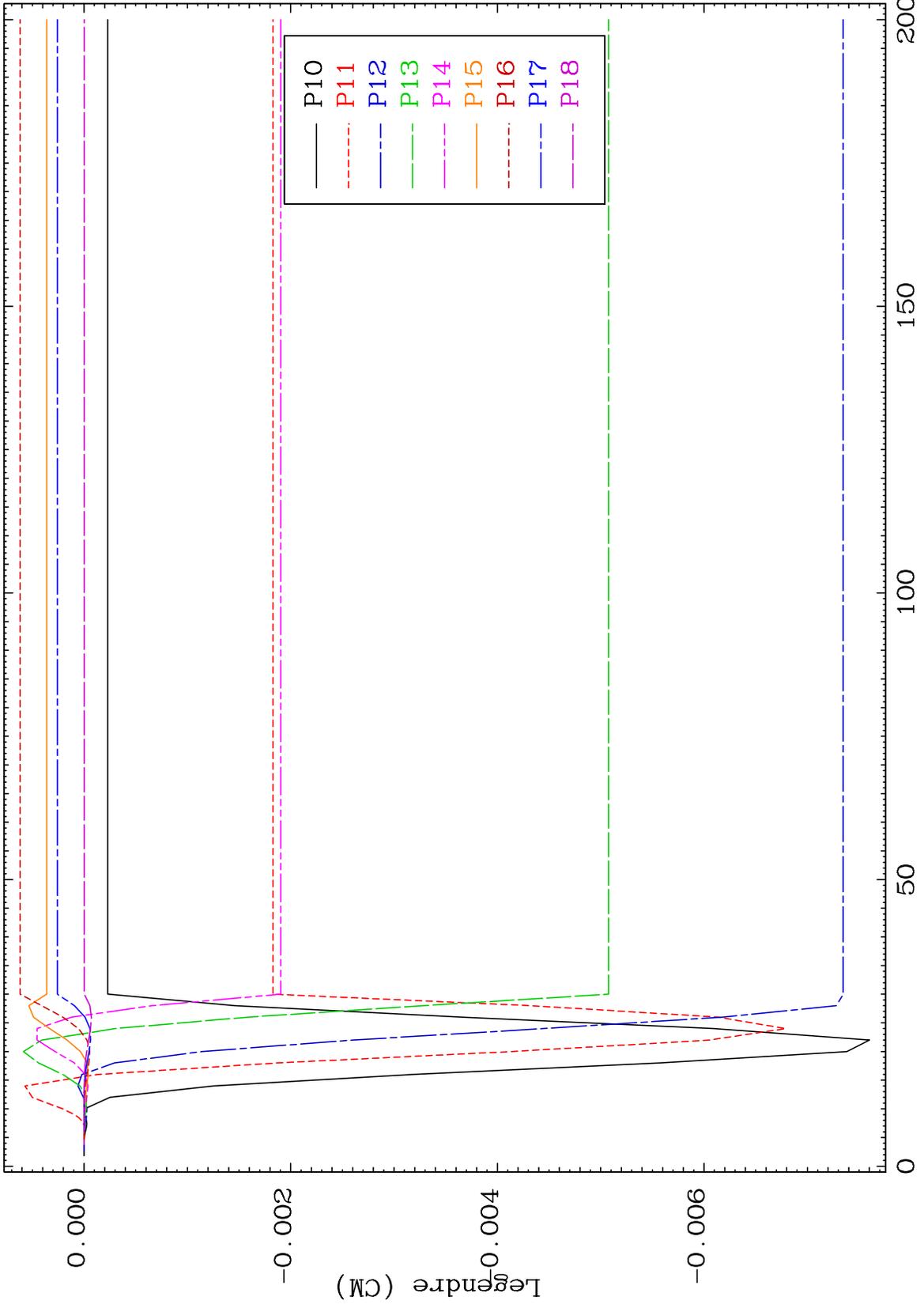
37-Rb-80



37-Rb-80

Incident Energy (MeV)

MAT 3710 MT= 61 (n,n') Level Legendre Coefficients 37-Rb-80

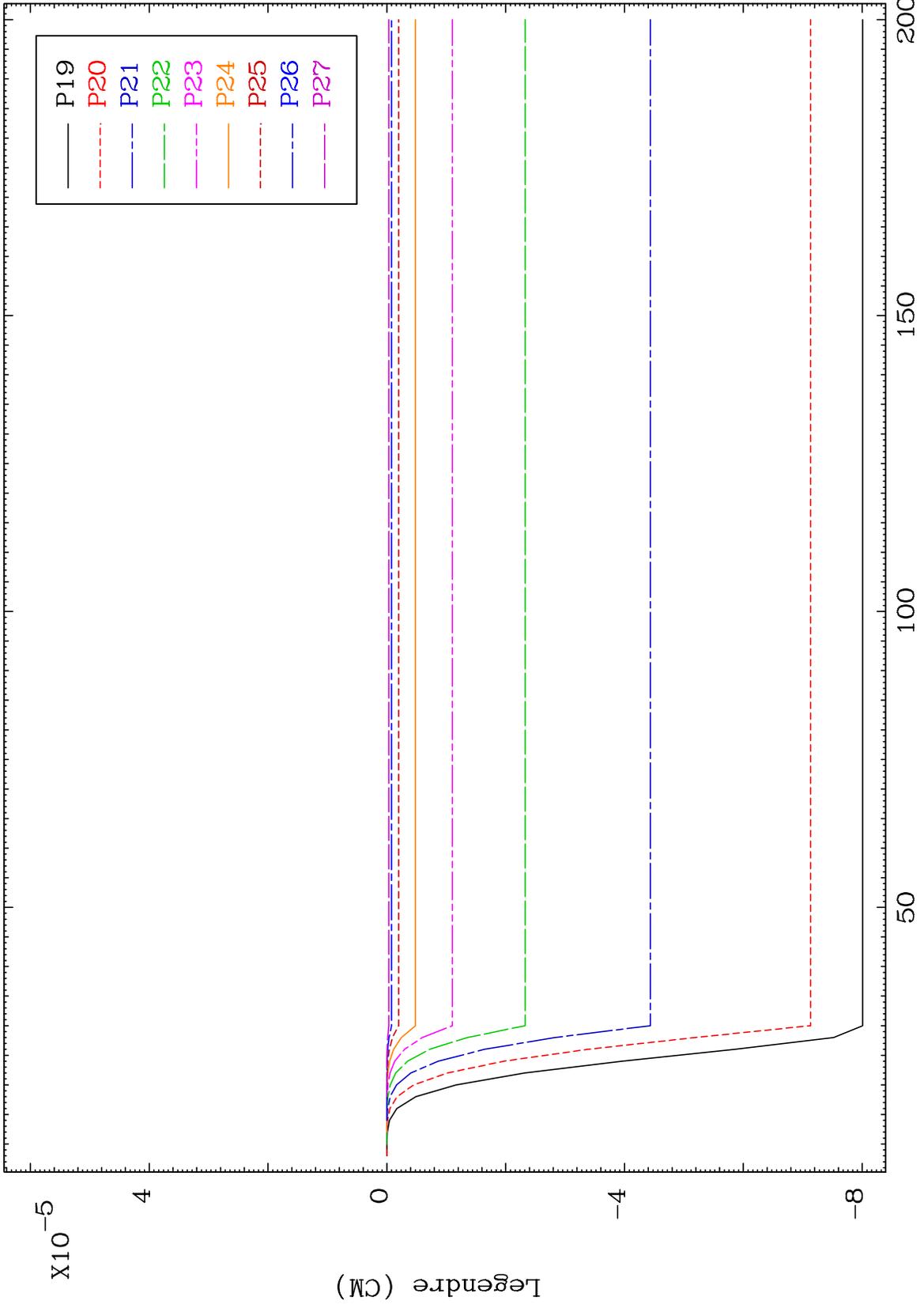


51 37-Rb-80

MAT 3710

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

37-Rb-80

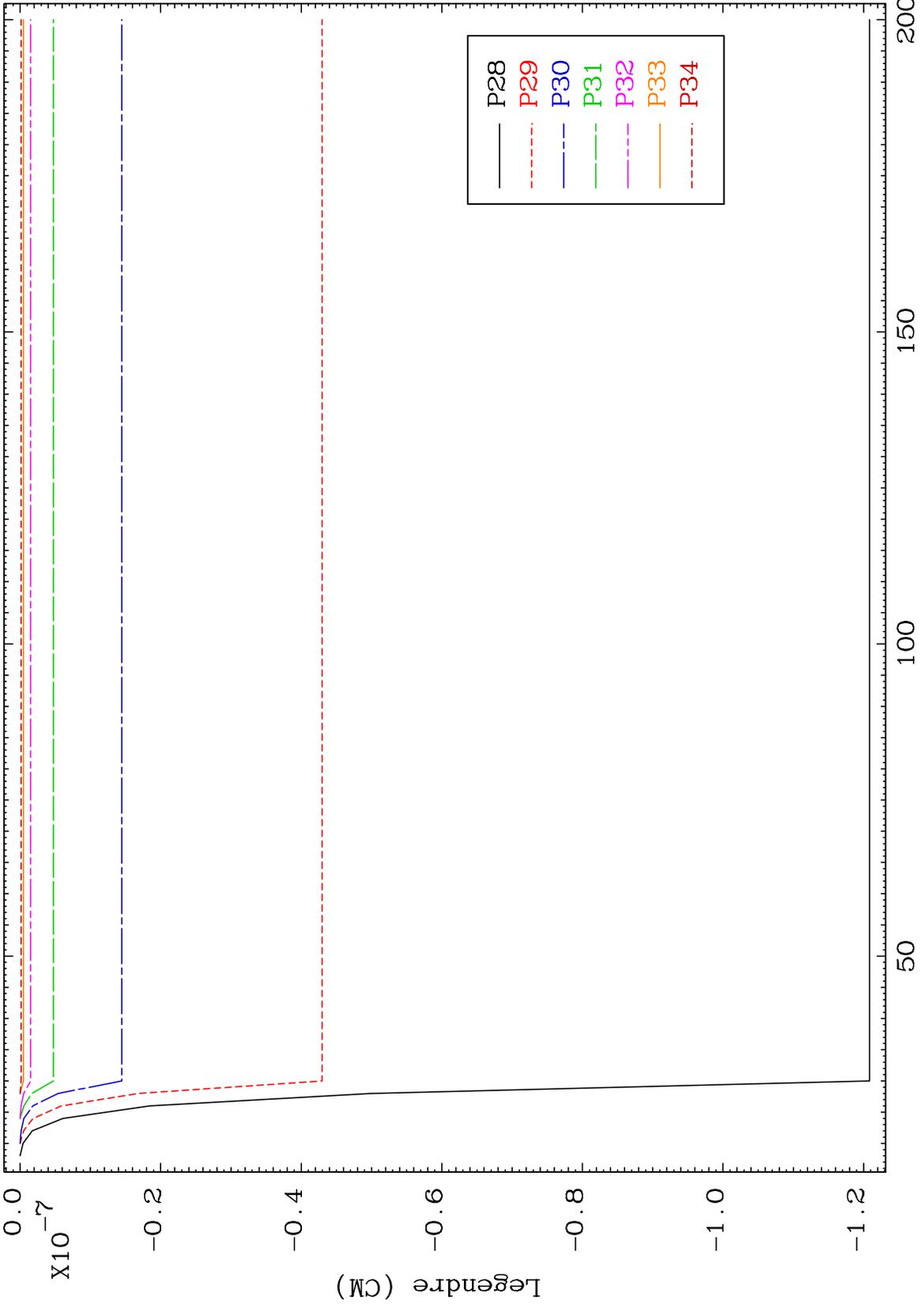


52

Incident Energy (MeV)

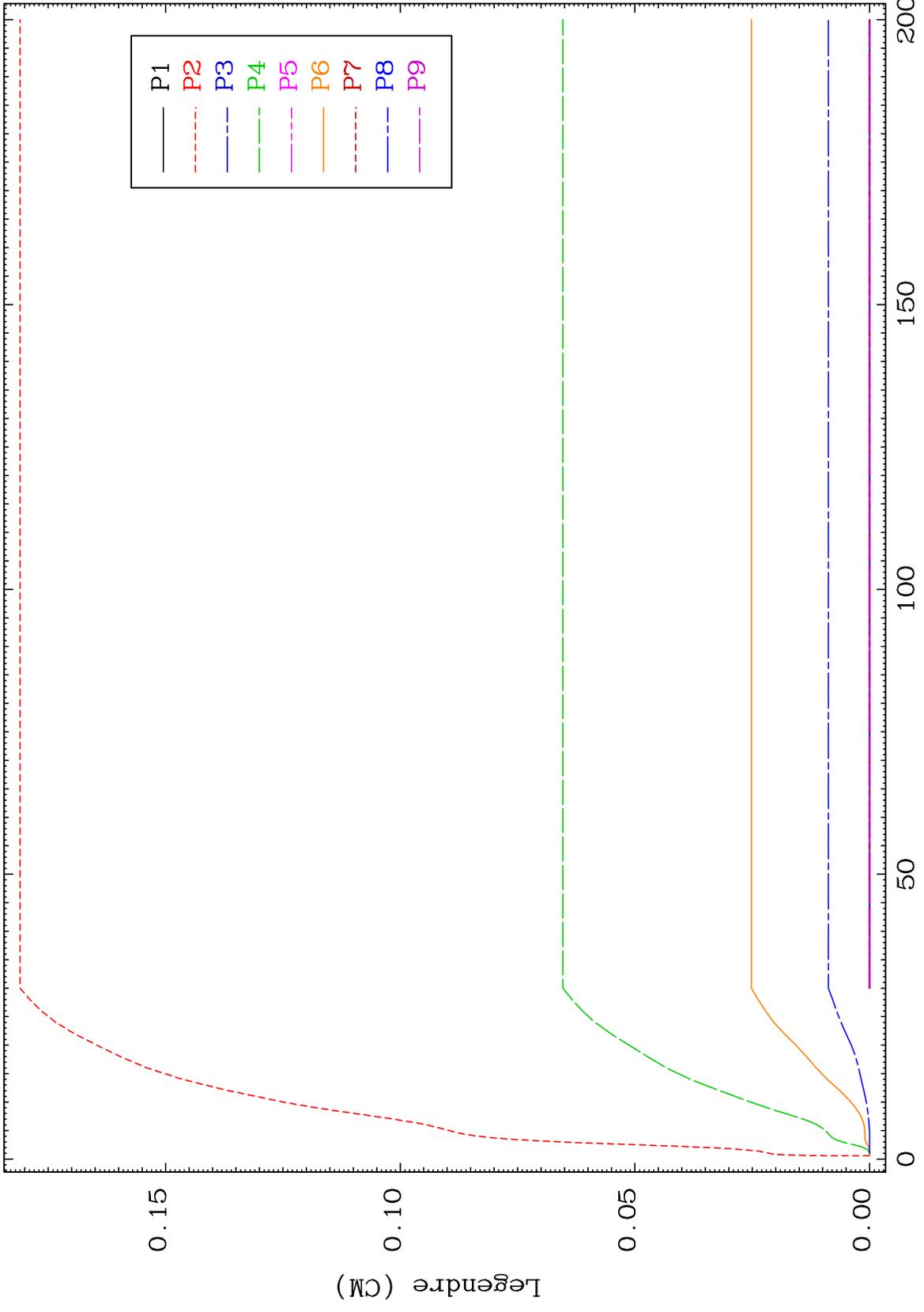
37-Rb-80

MAT 3710 MT= 61 (n,n') Level Legendre Coefficients 37-Rb-80



53 37-Rb-80

MAT 3710 MT= 62 (n,n') Level Legendre Coefficients 37-Rb-80

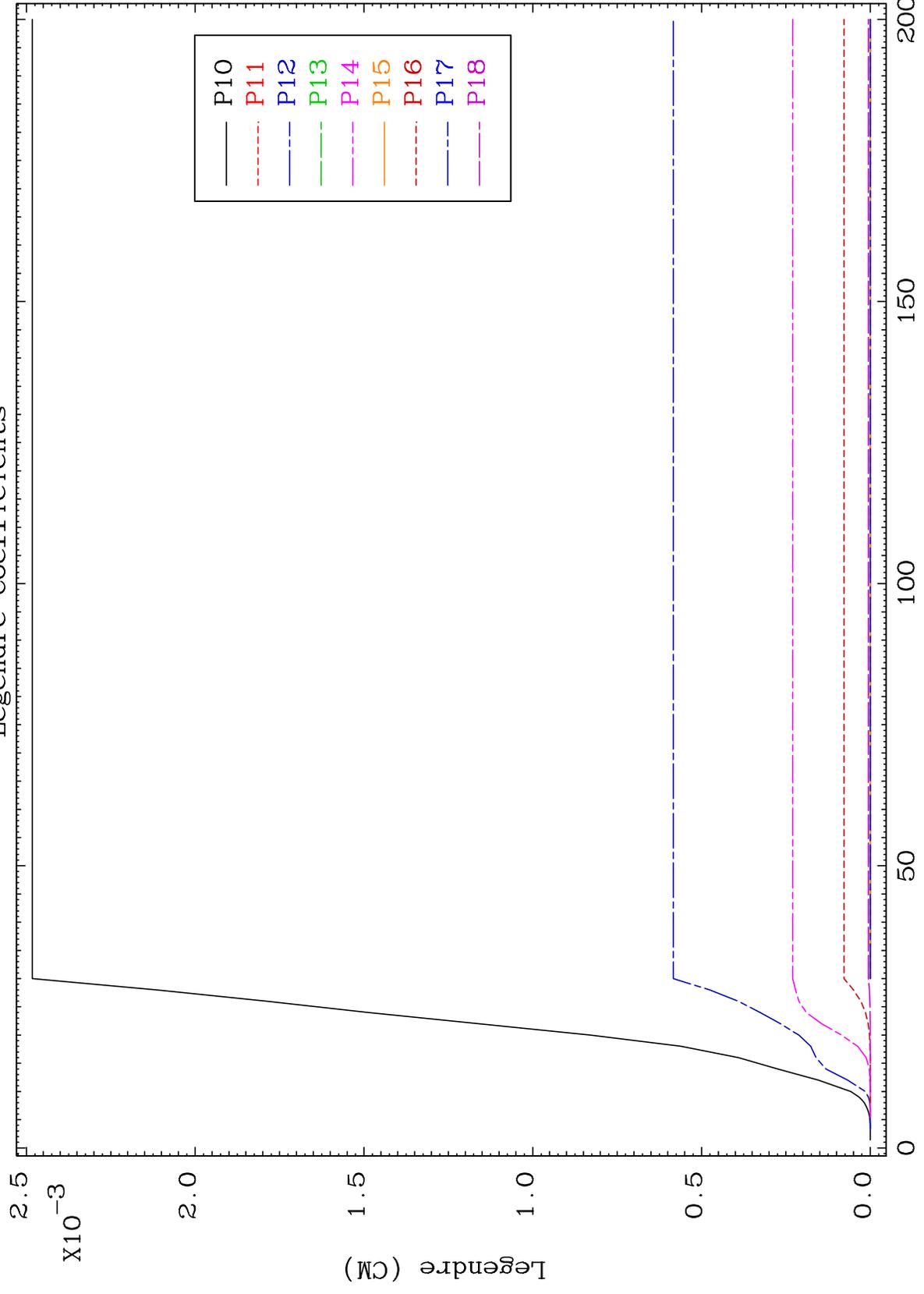


54 37-Rb-80

MAT 3710

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

37-Rb-80

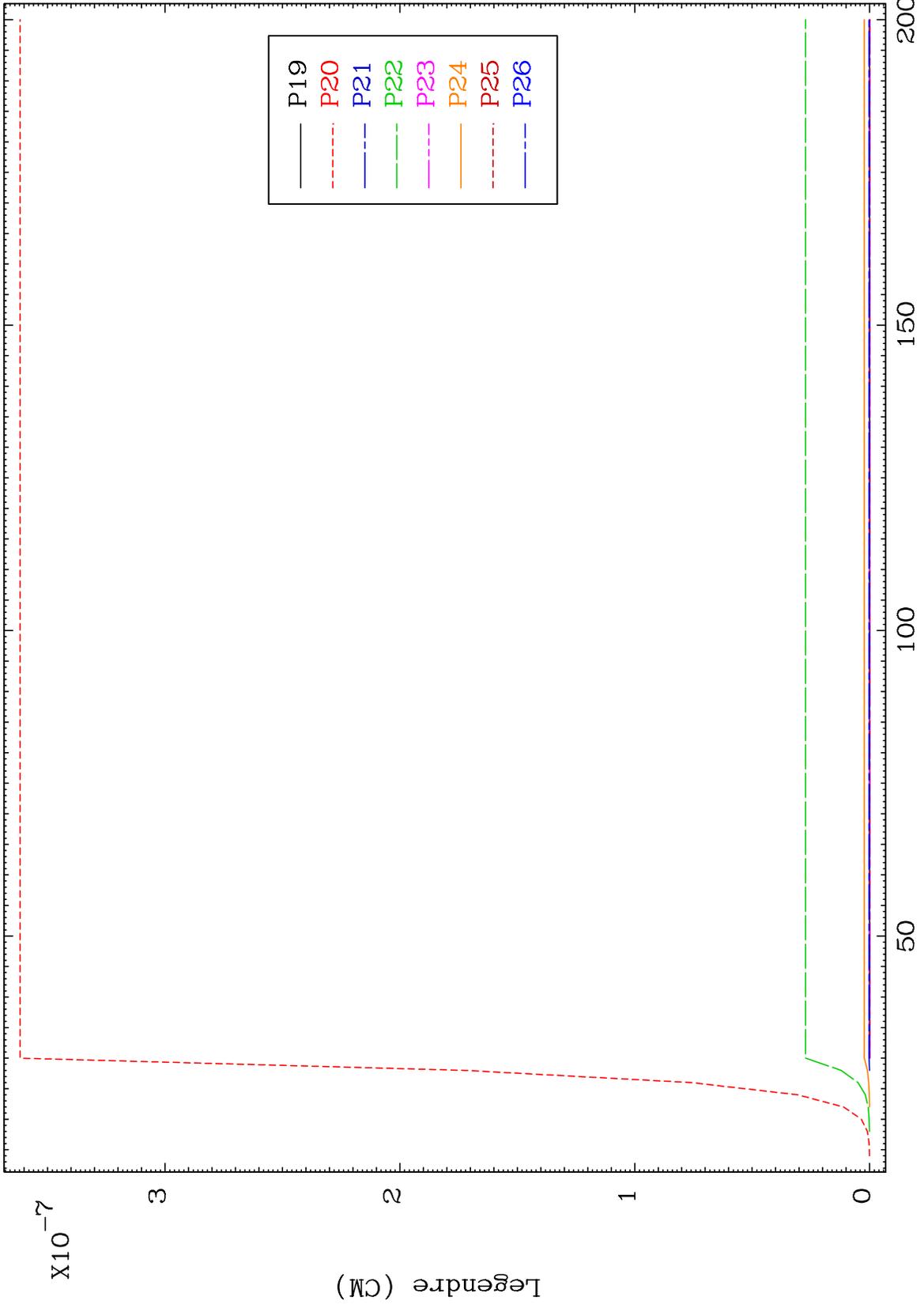


55

Incident Energy (MeV)

37-Rb-80

MAT 3710 MT= 62 (n,n') Level Legendre Coefficients 37-Rb-80

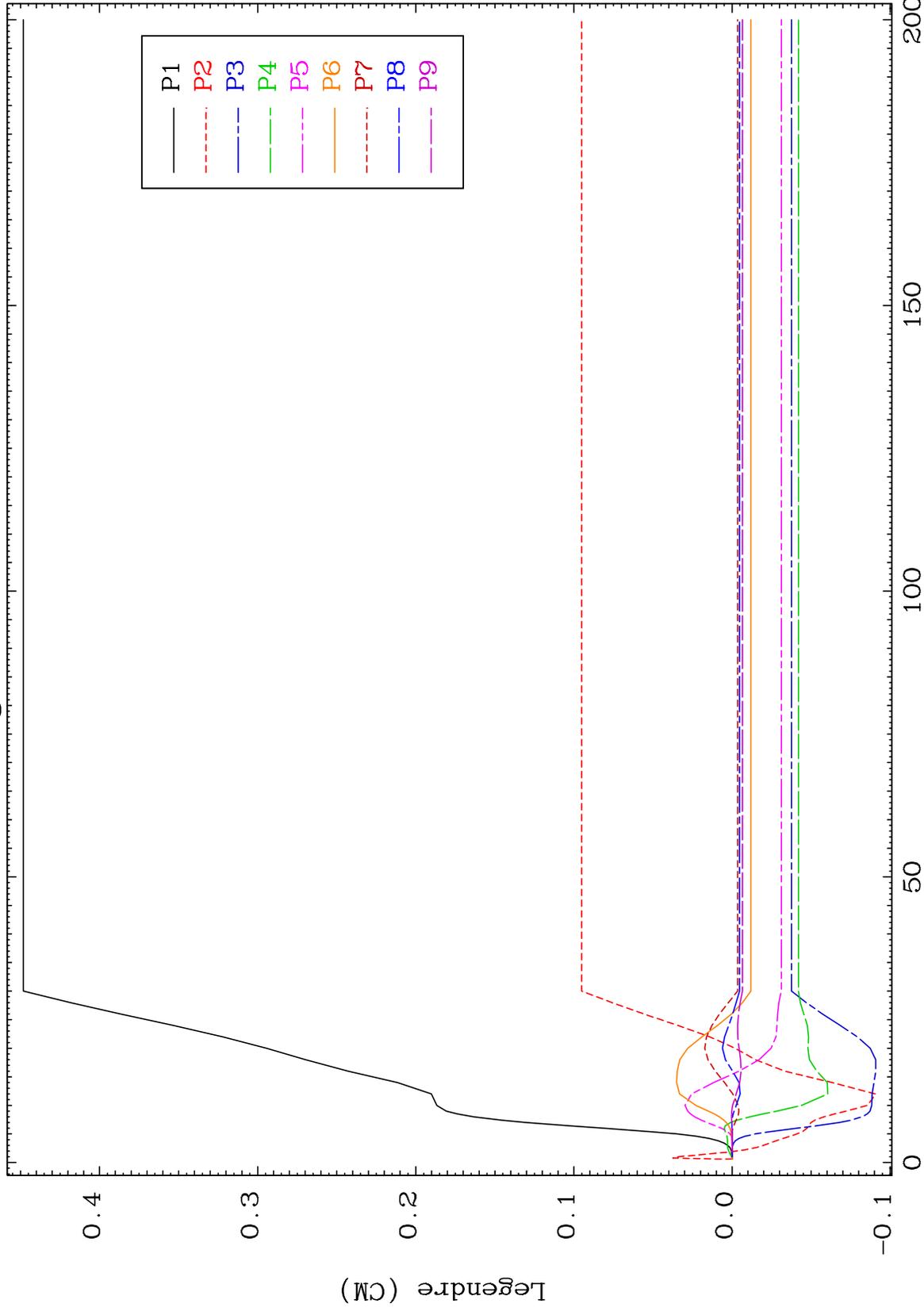


56 Incident Energy (MeV) 37-Rb-80

MAT 3710

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

37-Rb-80



57

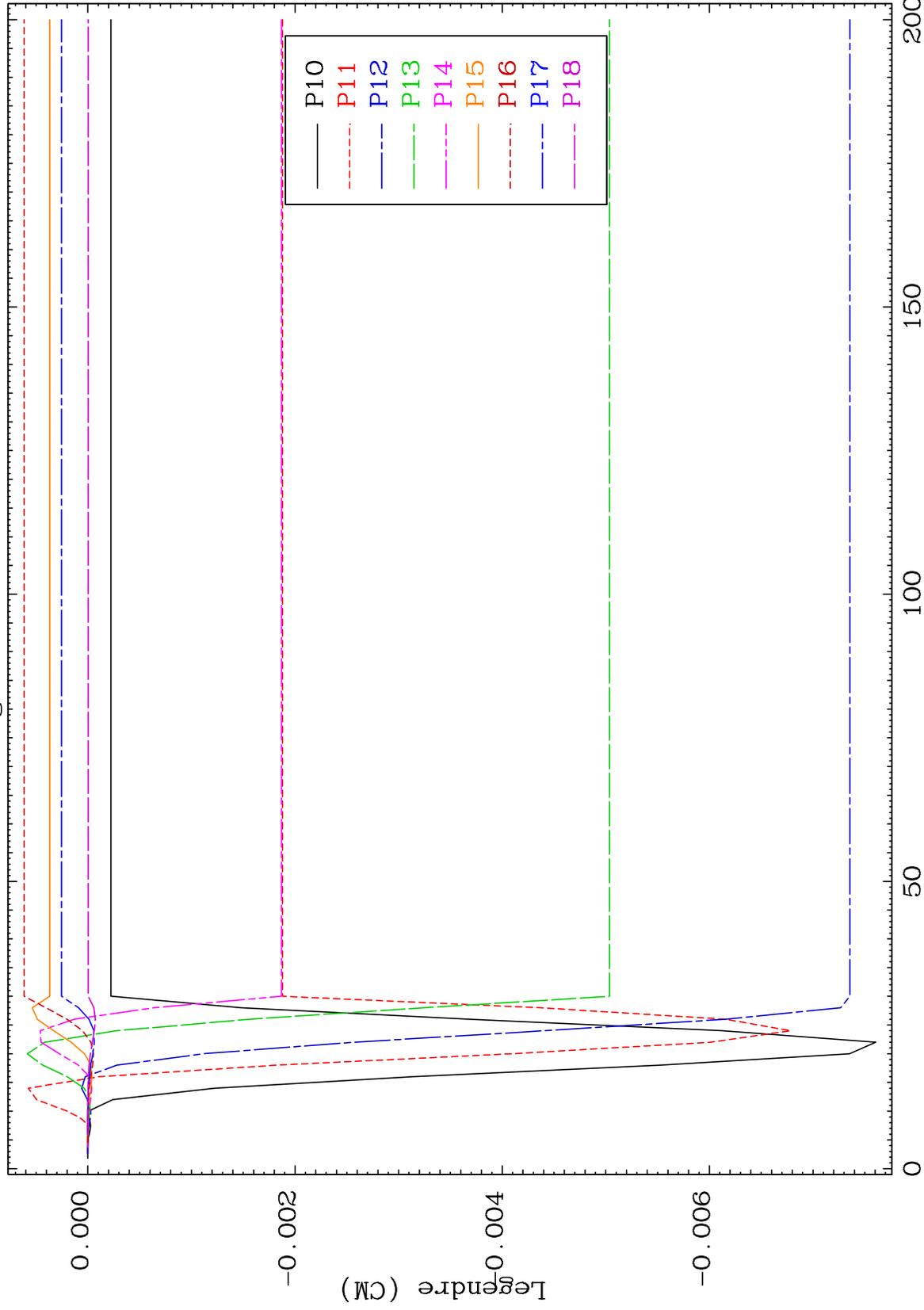
Incident Energy (MeV)

37-Rb-80

MAT 3710

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

37-Rb-80



58

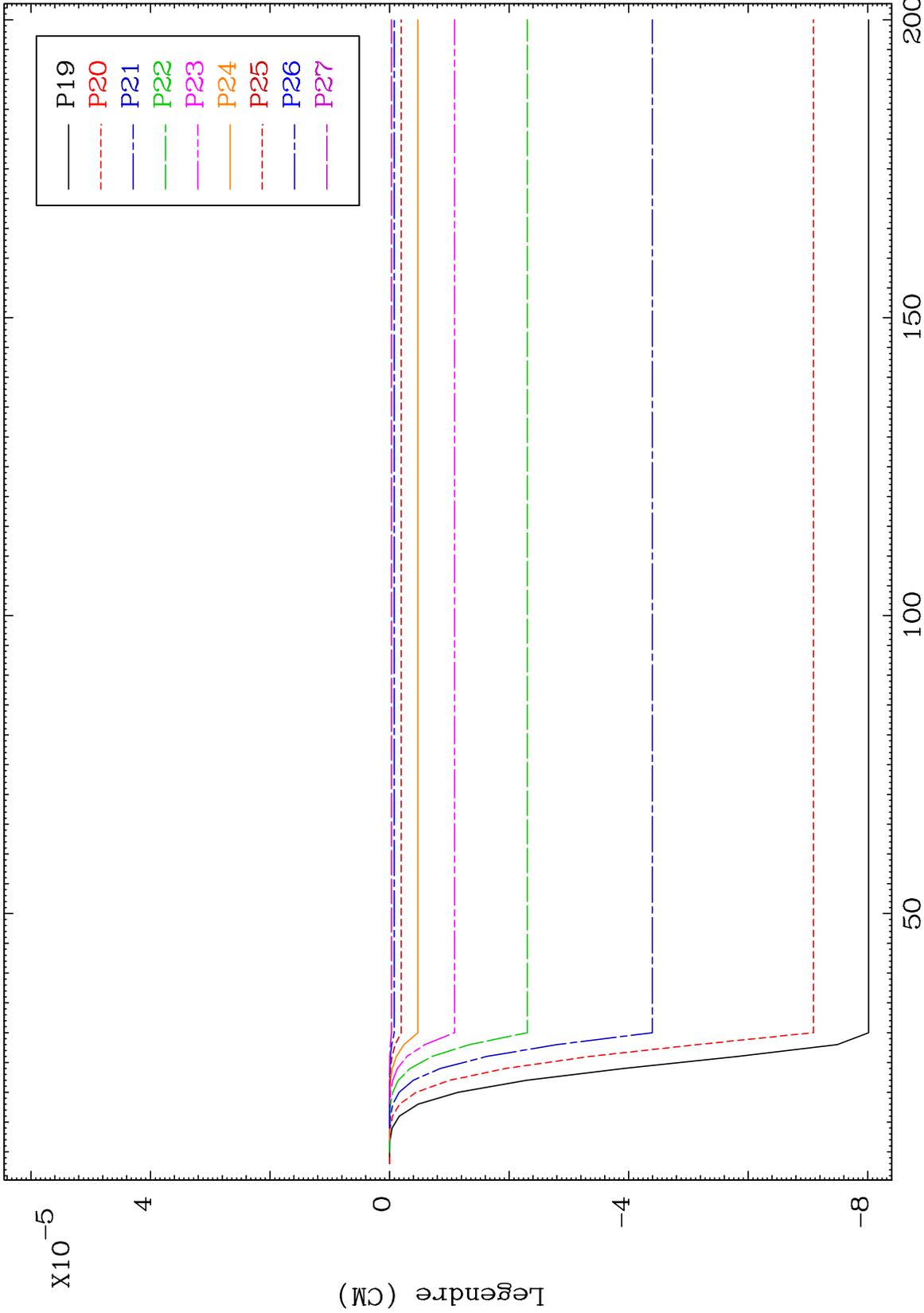
Incident Energy (MeV)

37-Rb-80

MAT 3710

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

37-Rb-80

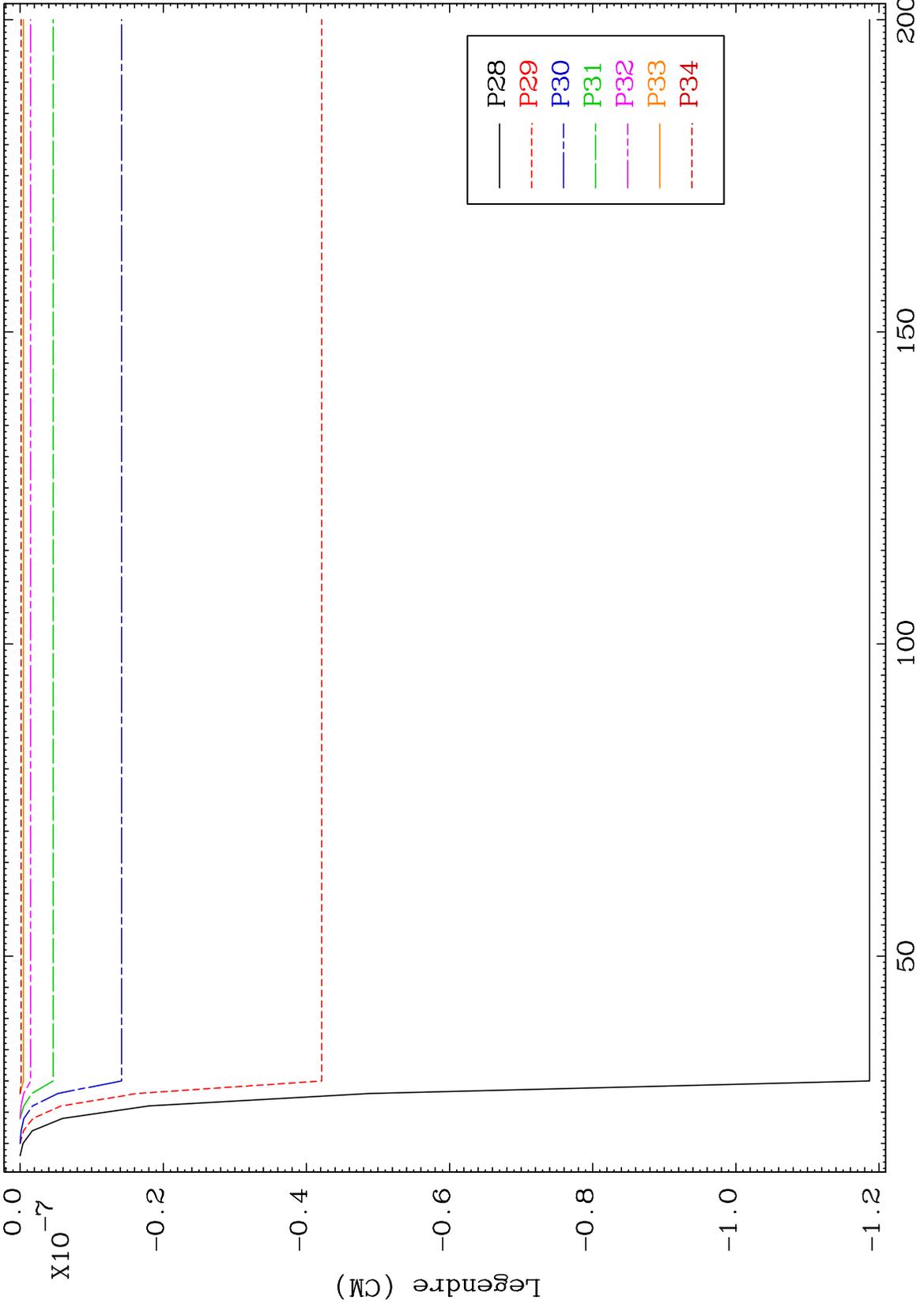


59

Incident Energy (MeV)

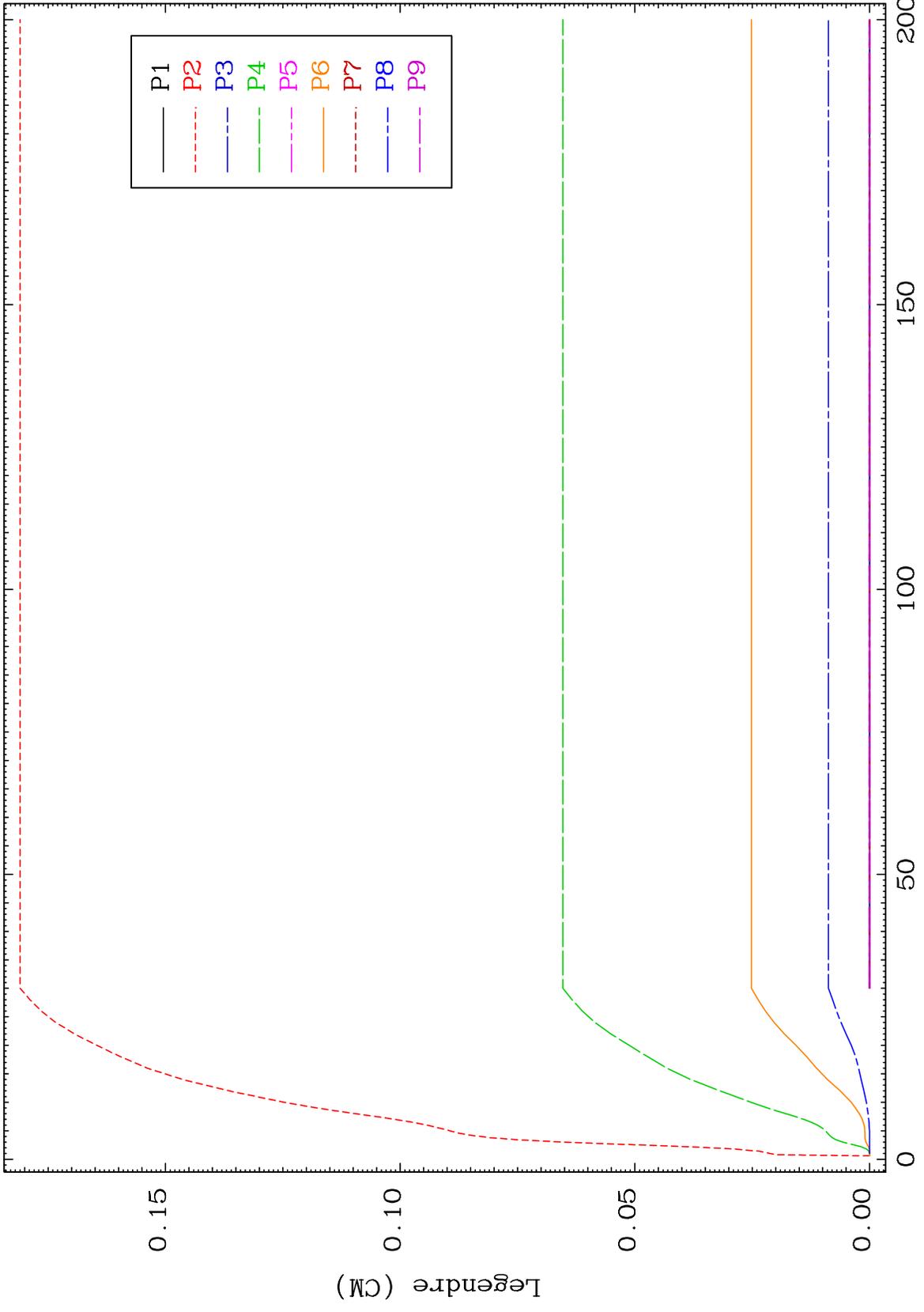
37-Rb-80

MAT 3710 MT= 63 (n,n') Level Legendre Coefficients 37-Rb-80



60 Incident Energy (MeV) 37-Rb-80

MAT 3710 MT= 64 (n,n') Level Legendre Coefficients 37-Rb-80

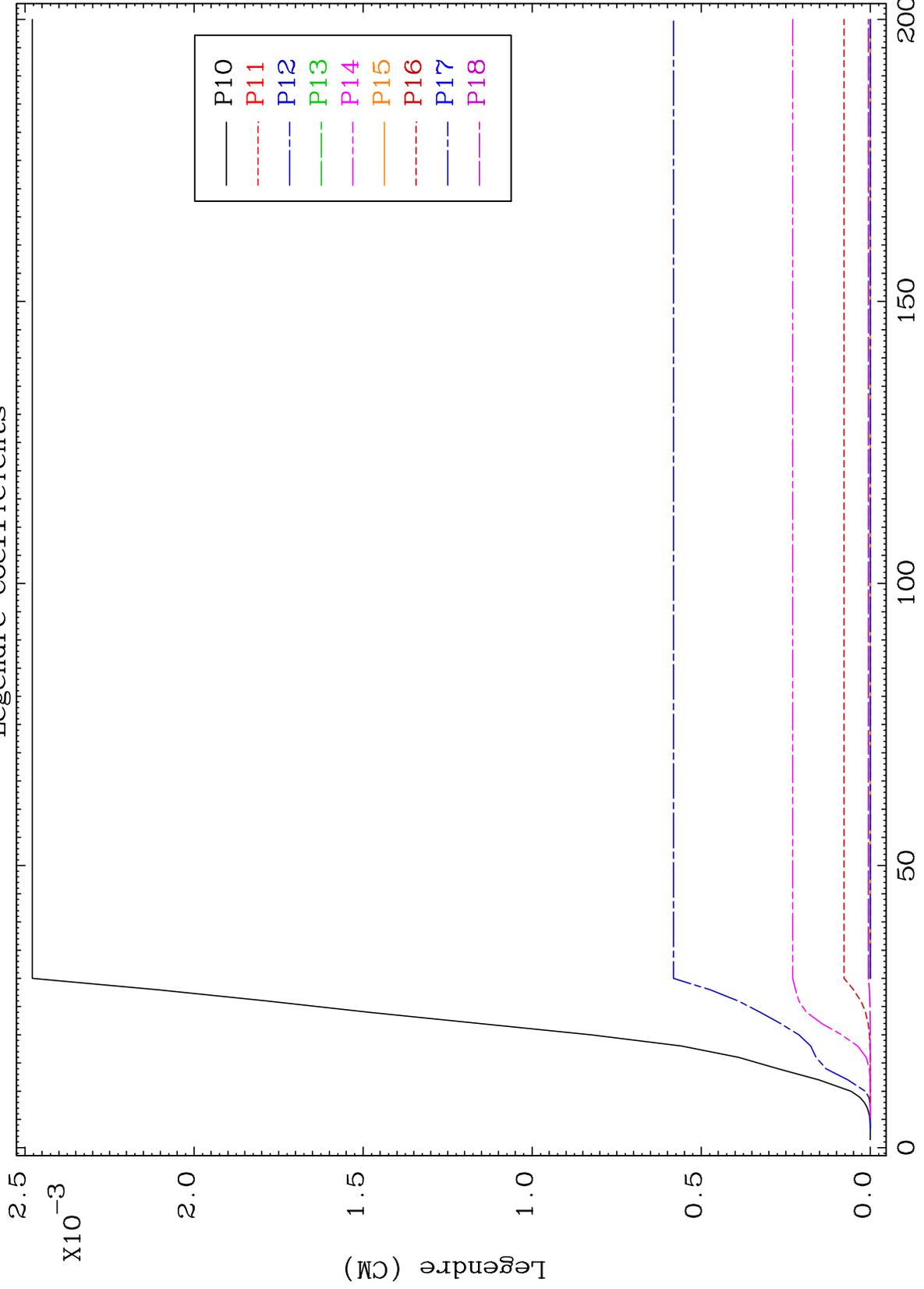


61 37-Rb-80

MAT 3710

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

37-Rb-80

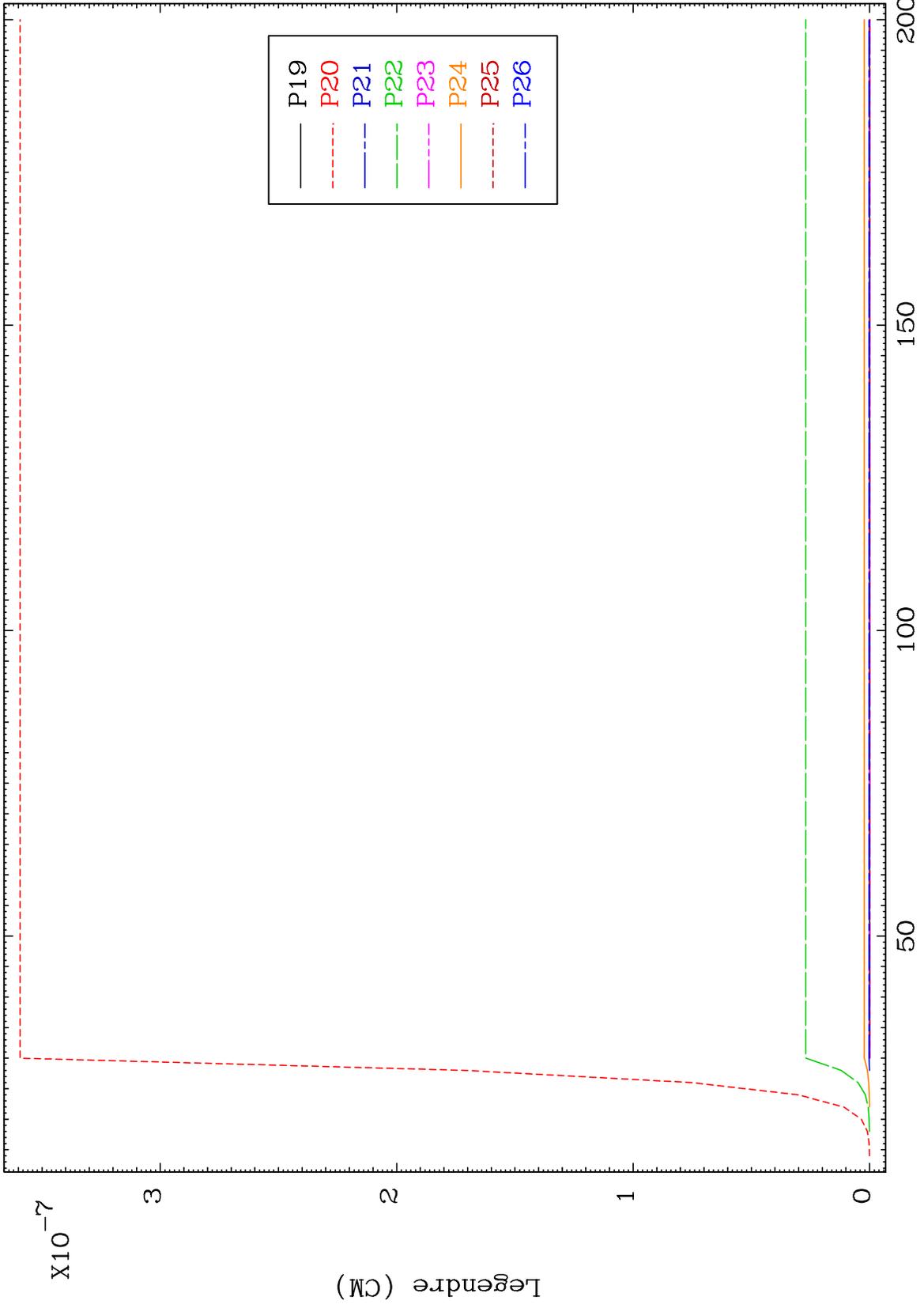


62

Incident Energy (MeV)

37-Rb-80

MAT 3710 MT= 64 (n,n') Level Legendre Coefficients 37-Rb-80

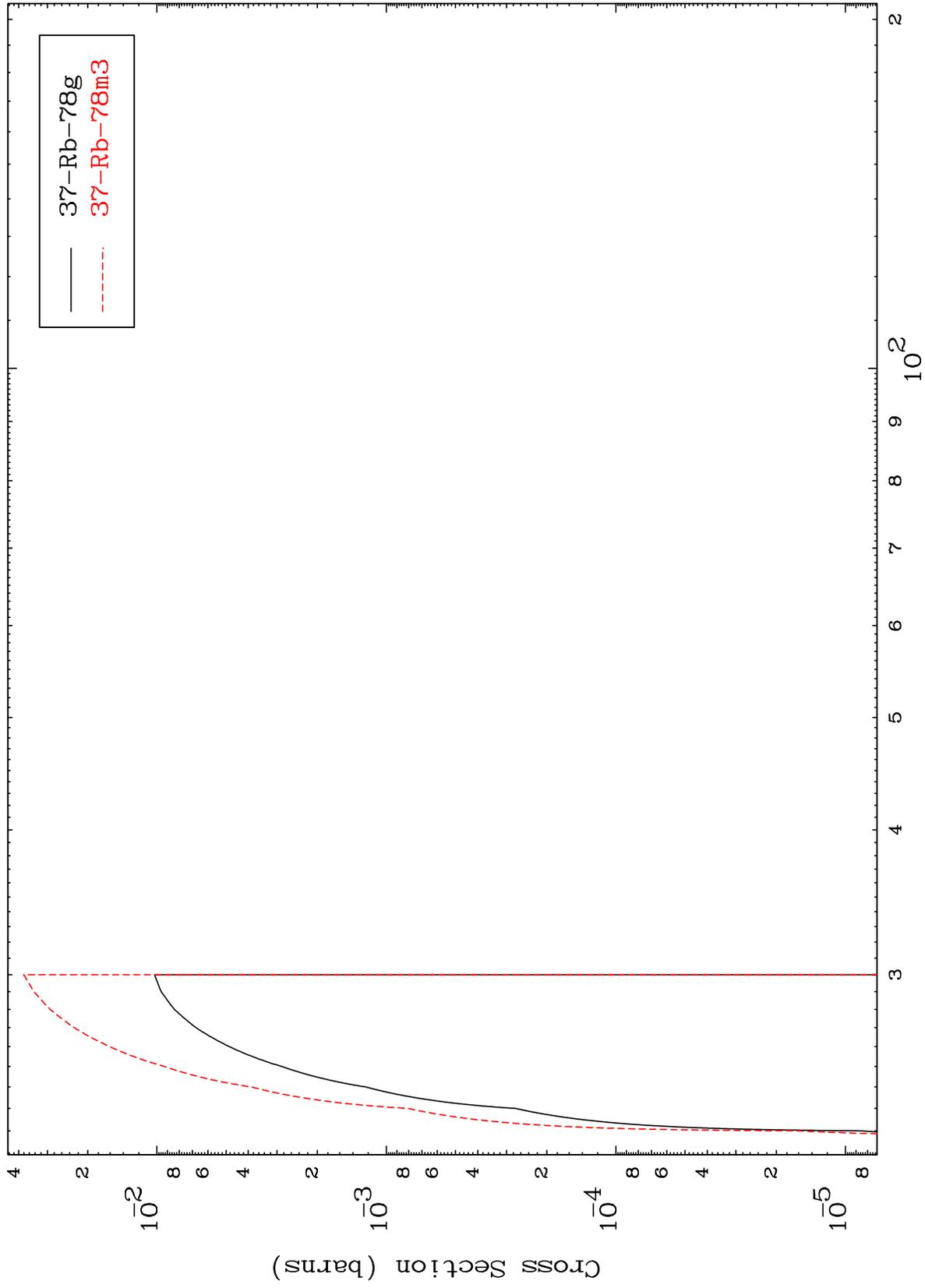


63 37-Rb-80

MAT 3710

37-Rb-80

(n,3n)  
Radionuclide Production Cross Section



64

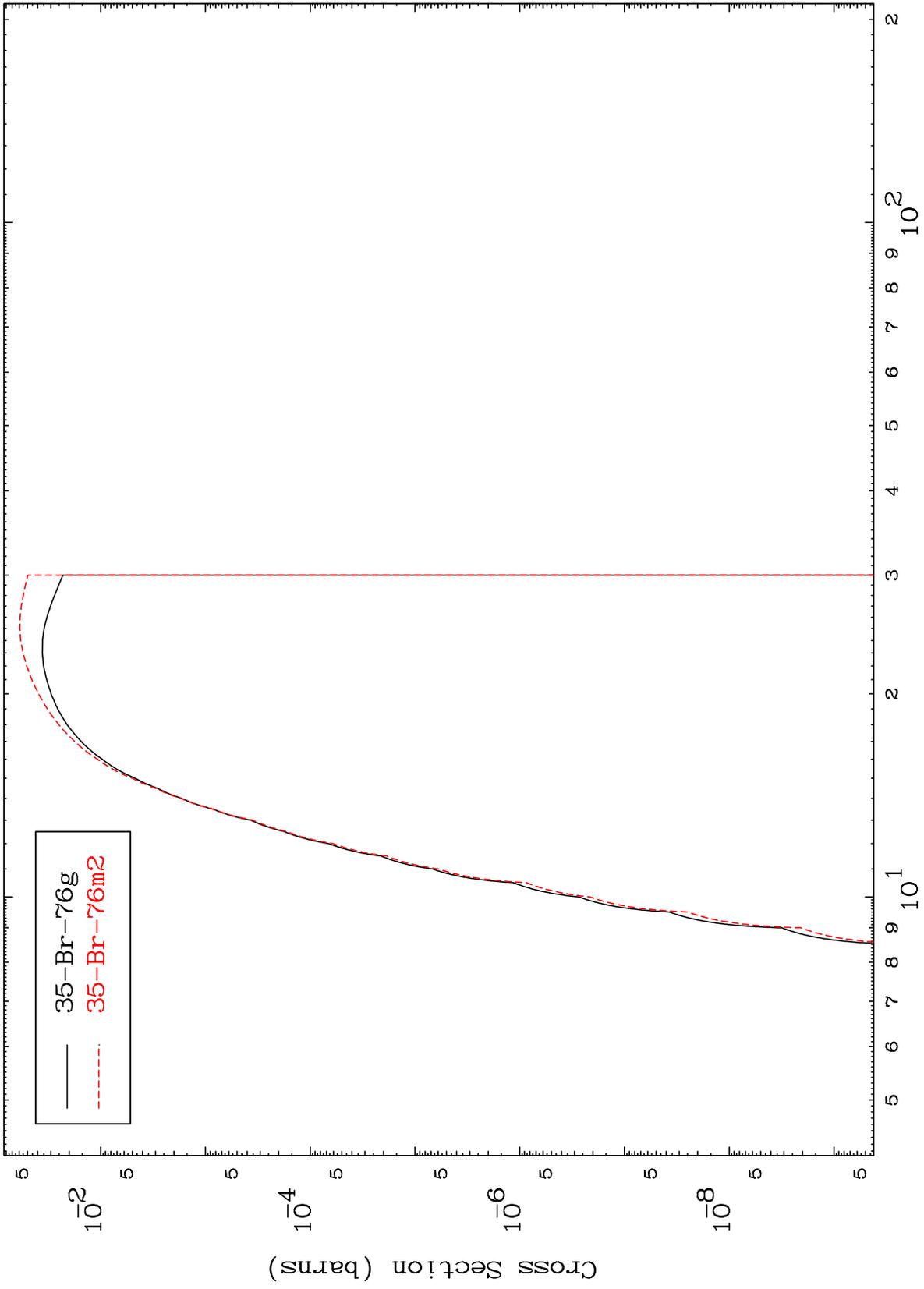
Incident Energy (MeV)

37-Rb-80

MAT 3710

37-Rb-80

(n,n')  $\alpha$   
Radionuclide Production Cross Section



65

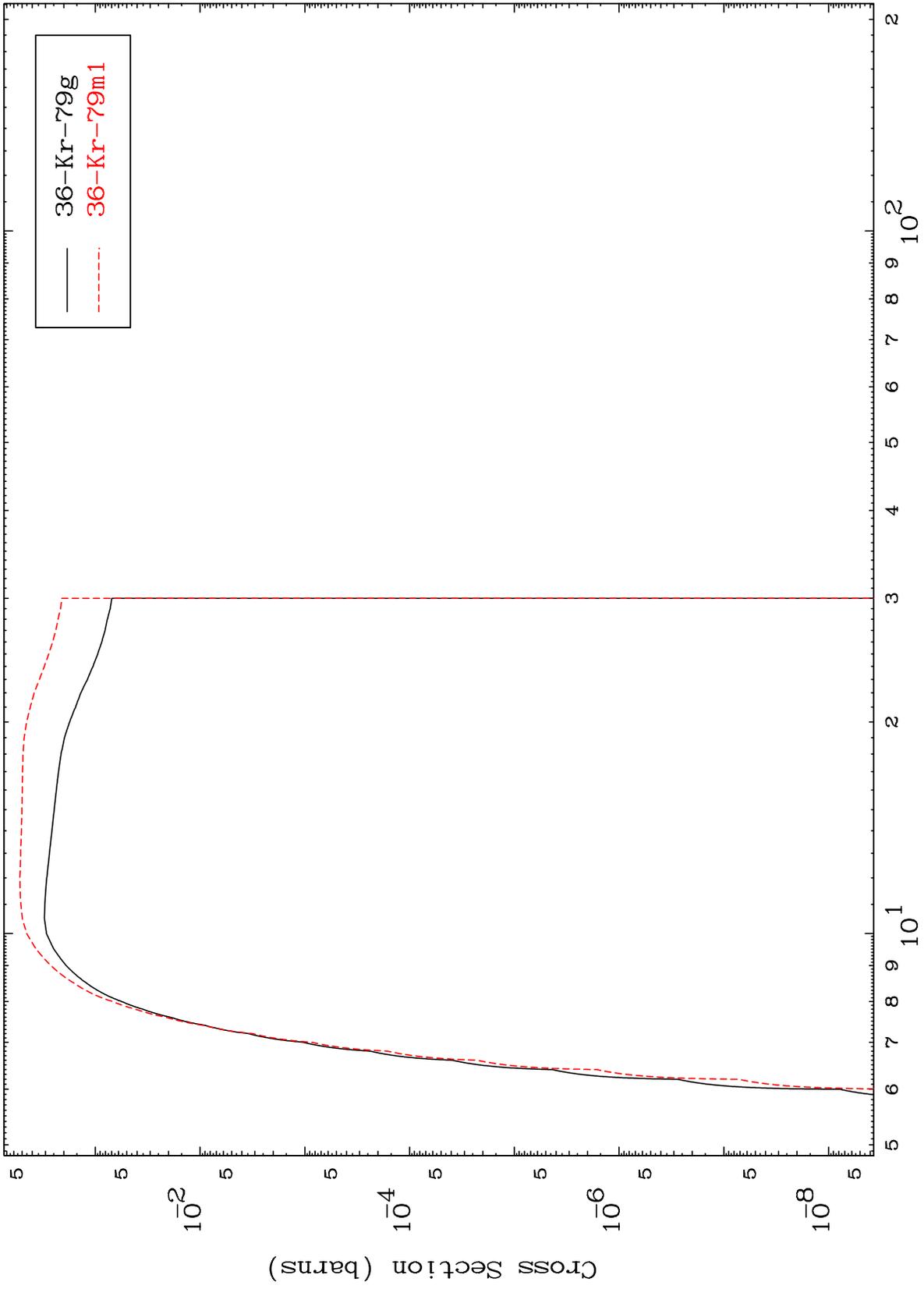
Incident Energy (MeV)

37-Rb-80

MAT 3710

37-Rb-80

(n,n') p  
Radionuclide Production Cross Section



66

Incident Energy (MeV)

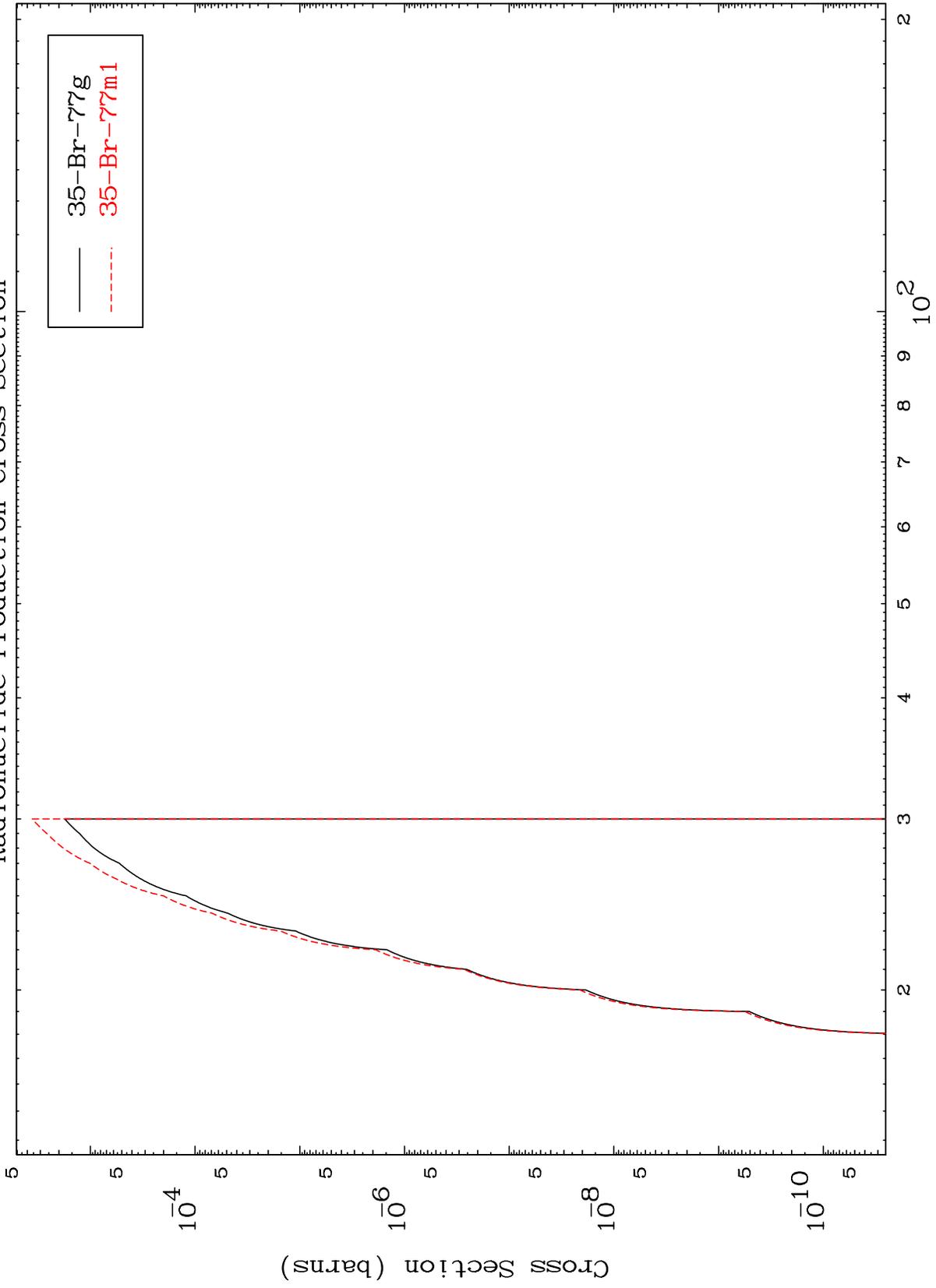
37-Rb-80

MAT 3710

(n, n') He-3

37-Rb-80

Radionuclide Production Cross Section



67

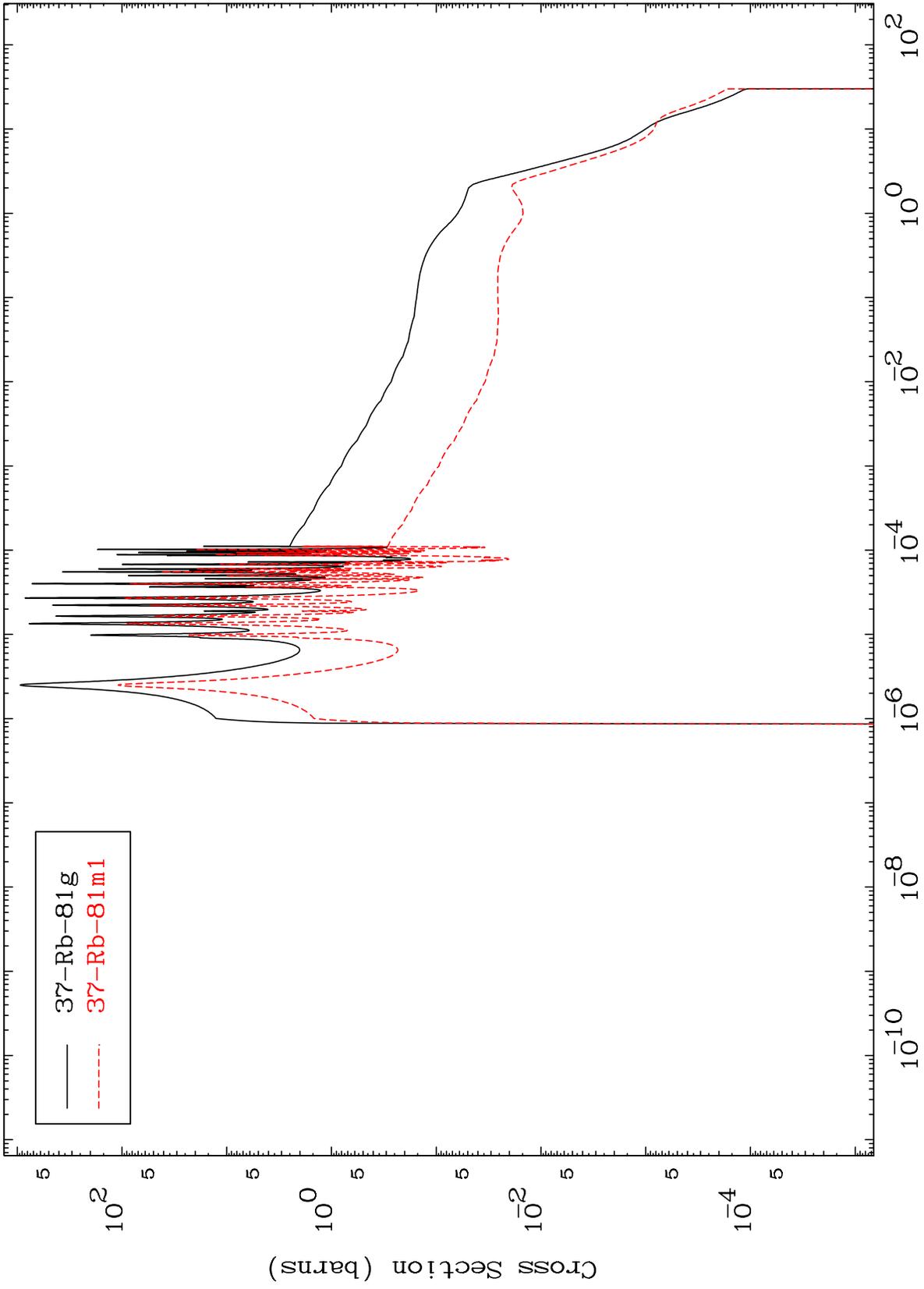
Incident Energy (MeV)

37-Rb-80

MAT 3710

37-Rb-80

Radionuclide Production Cross Section



— 37-Rb-81g  
- - - 37-Rb-81m1

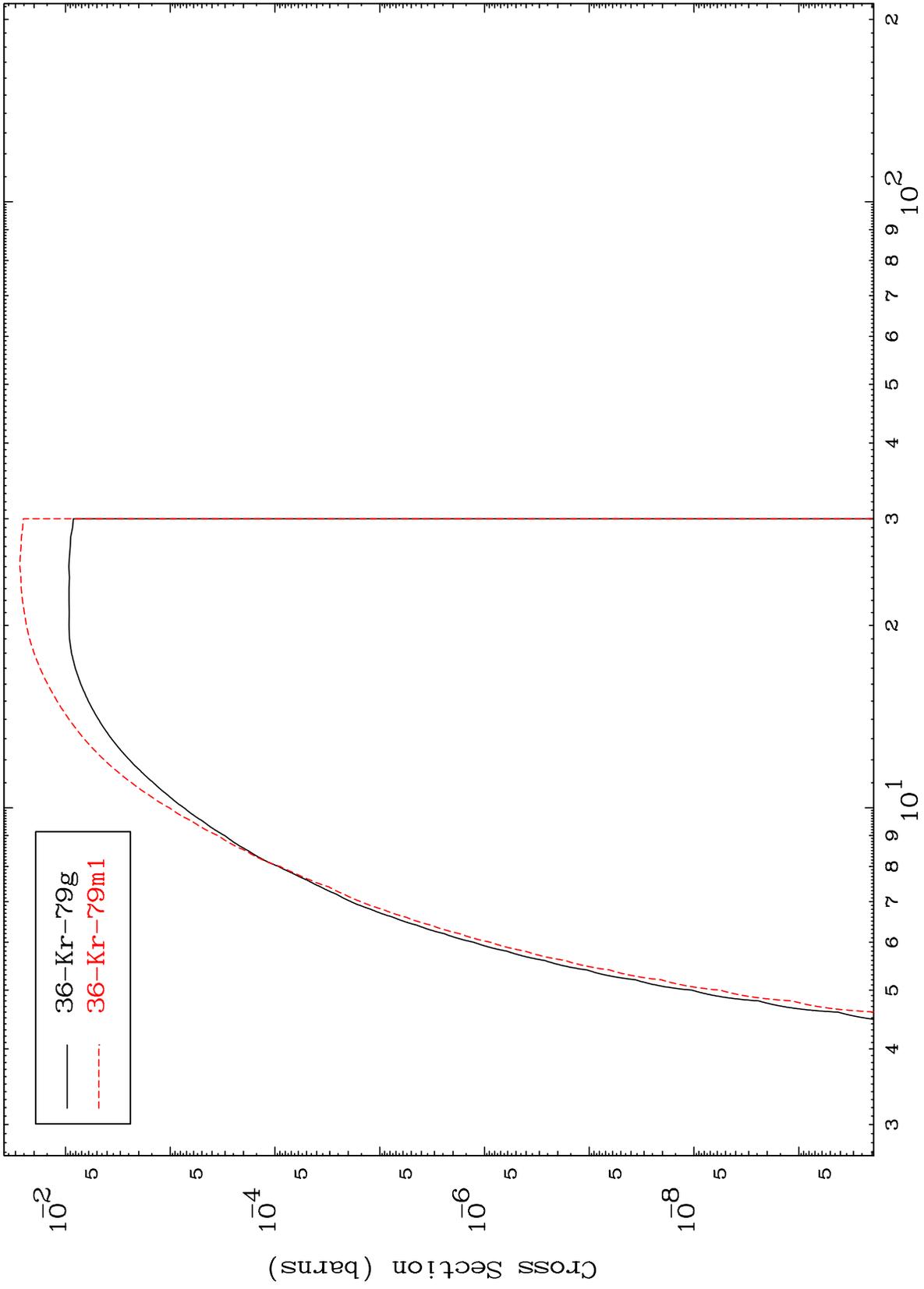
68

37-Rb-80

MAT 3710

37-Rb-80

(n,d)  
Radionuclide Production Cross Section



69

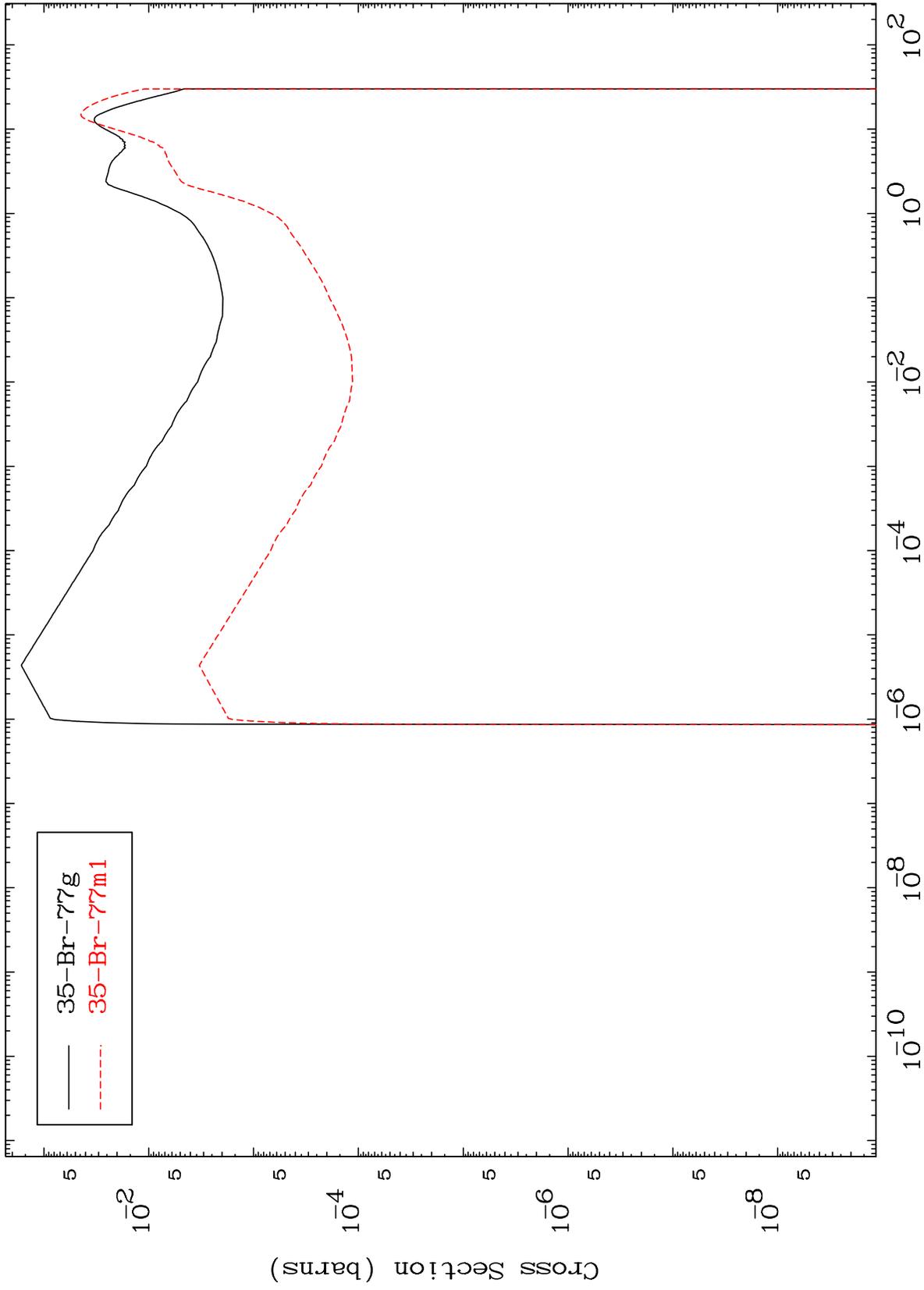
Incident Energy (MeV)

37-Rb-80

MAT 3710

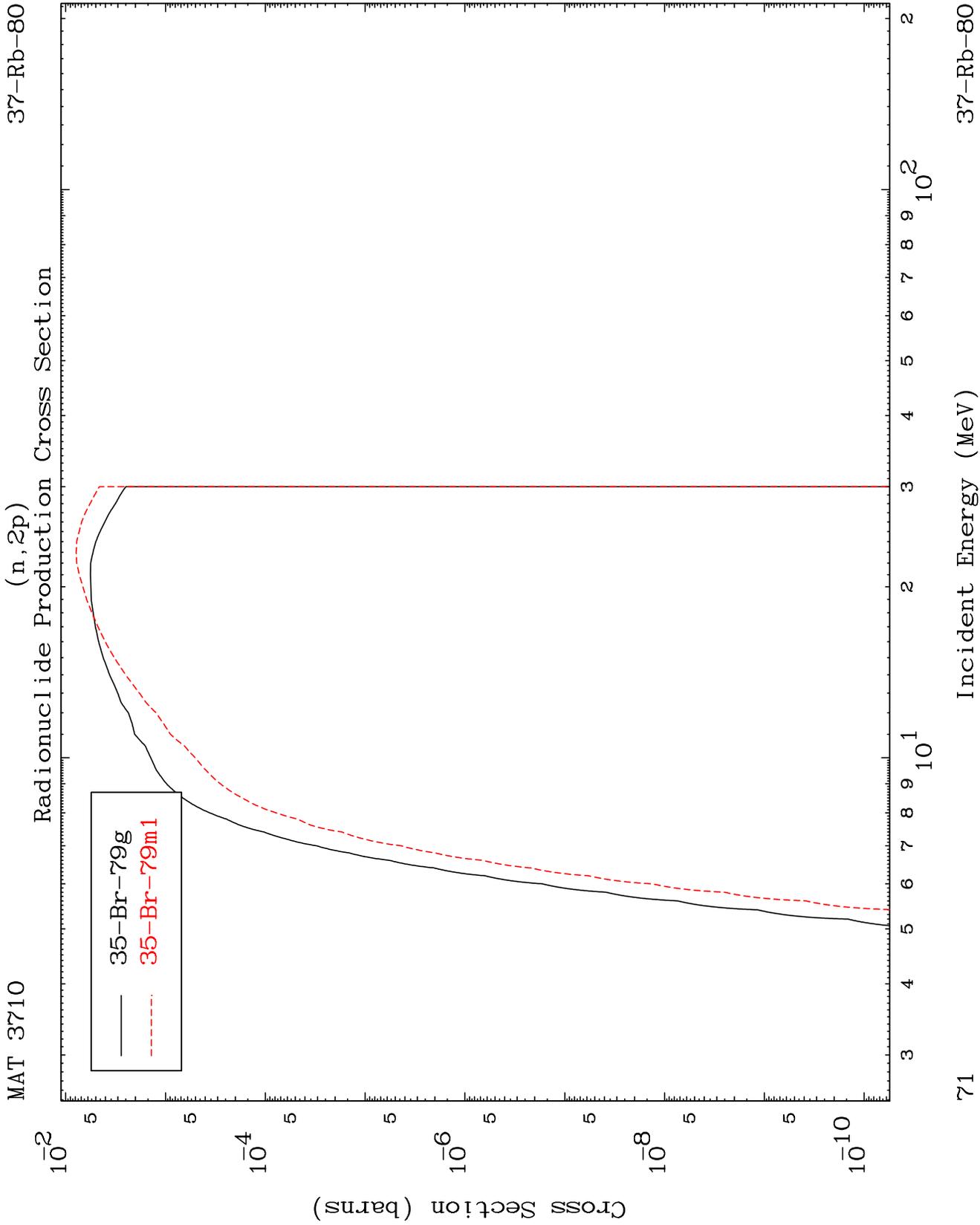
37-Rb-80

Radionuclide Production Cross Section



70

37-Rb-80

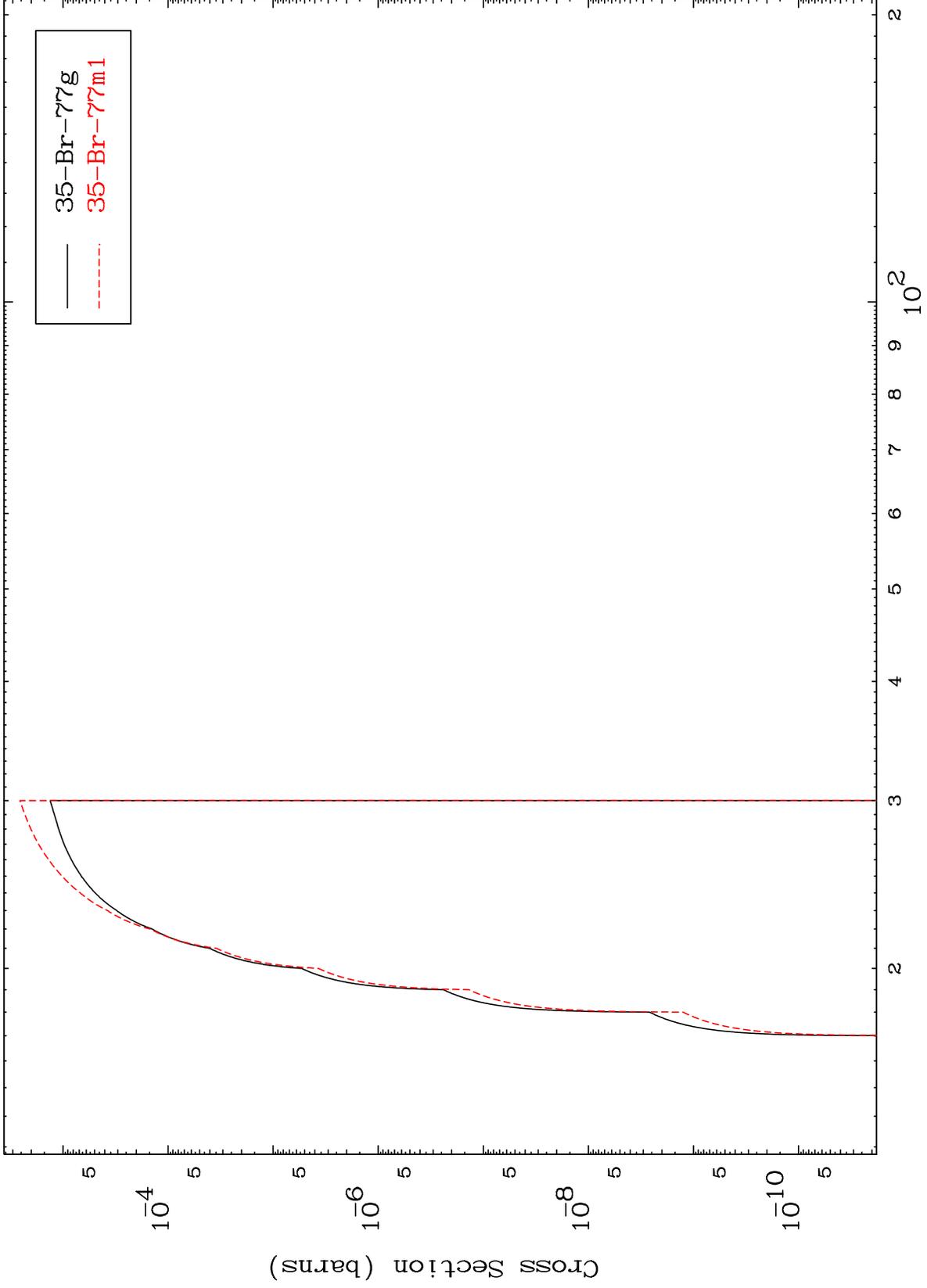


MAT 3710

(n,p) t

37-Rb-80

Radionuclide Production Cross Section



72

Incident Energy (MeV)

37-Rb-80