

Program EVALPLOT  
(Version 2018-1)

by

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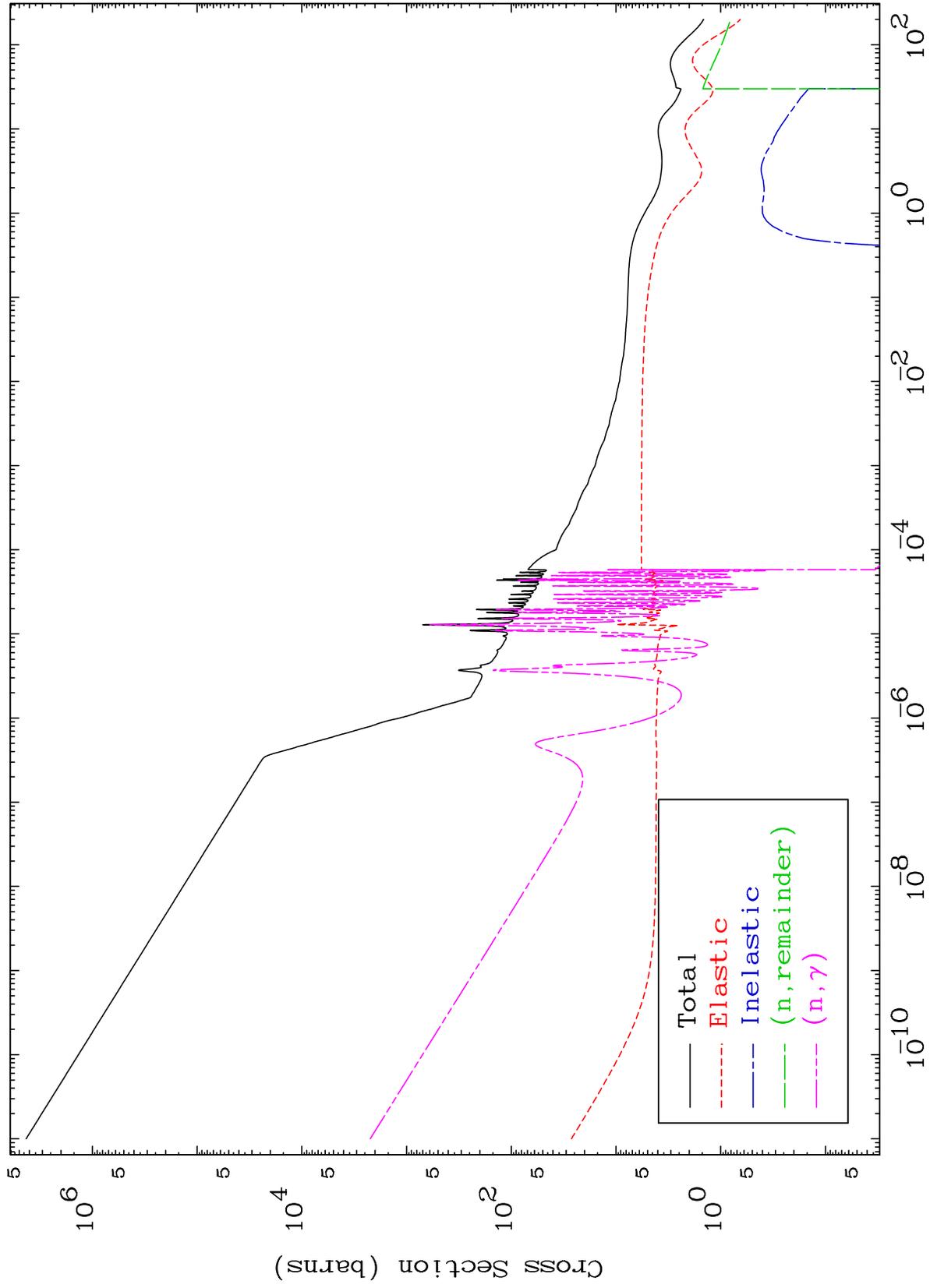
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3898

Major  
293 Kelvin Cross Sections

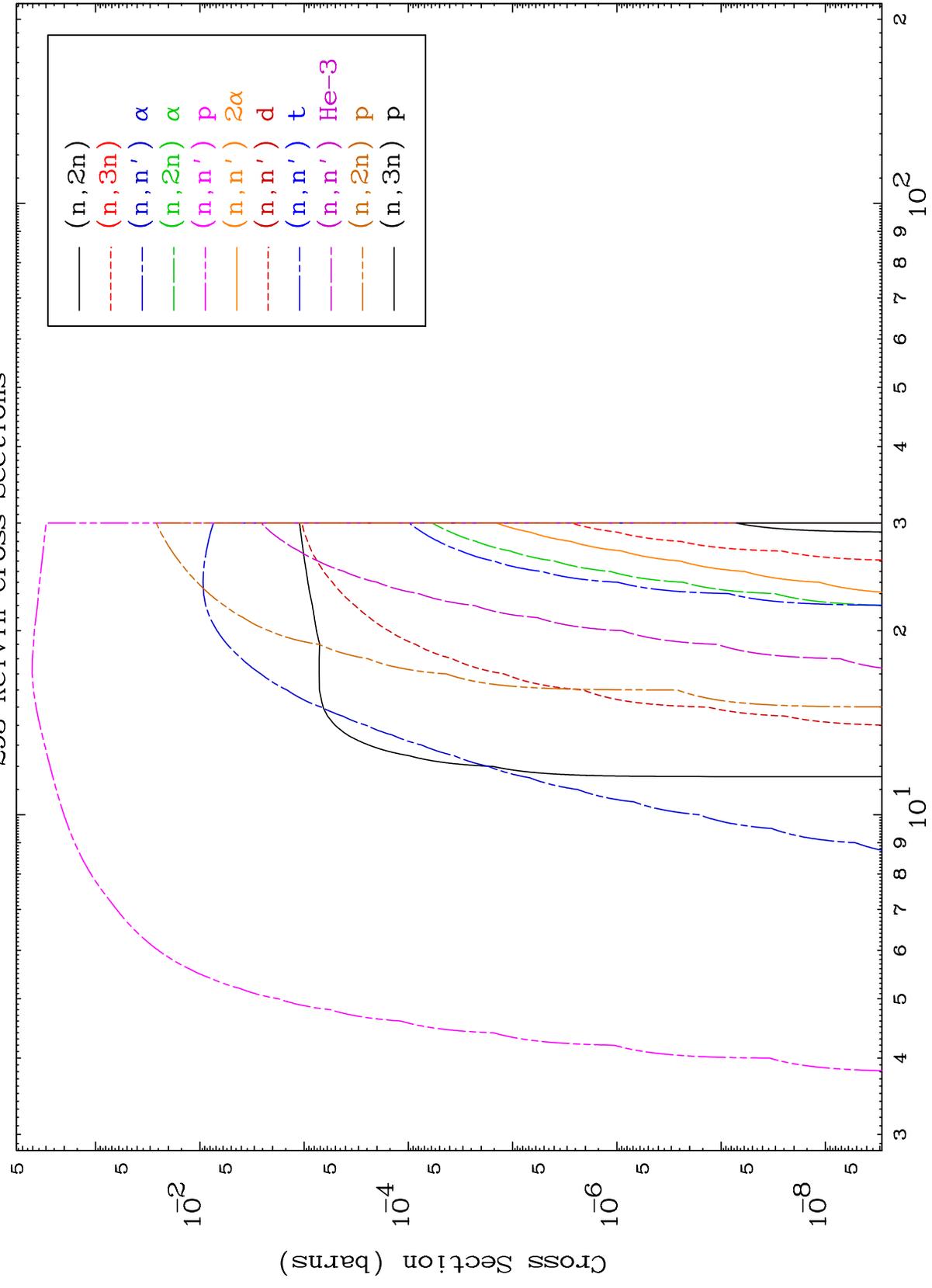
39-Y -80



MAT 3898

### Neutron Production 293 Kelvin Cross Sections

39-Y -80



2

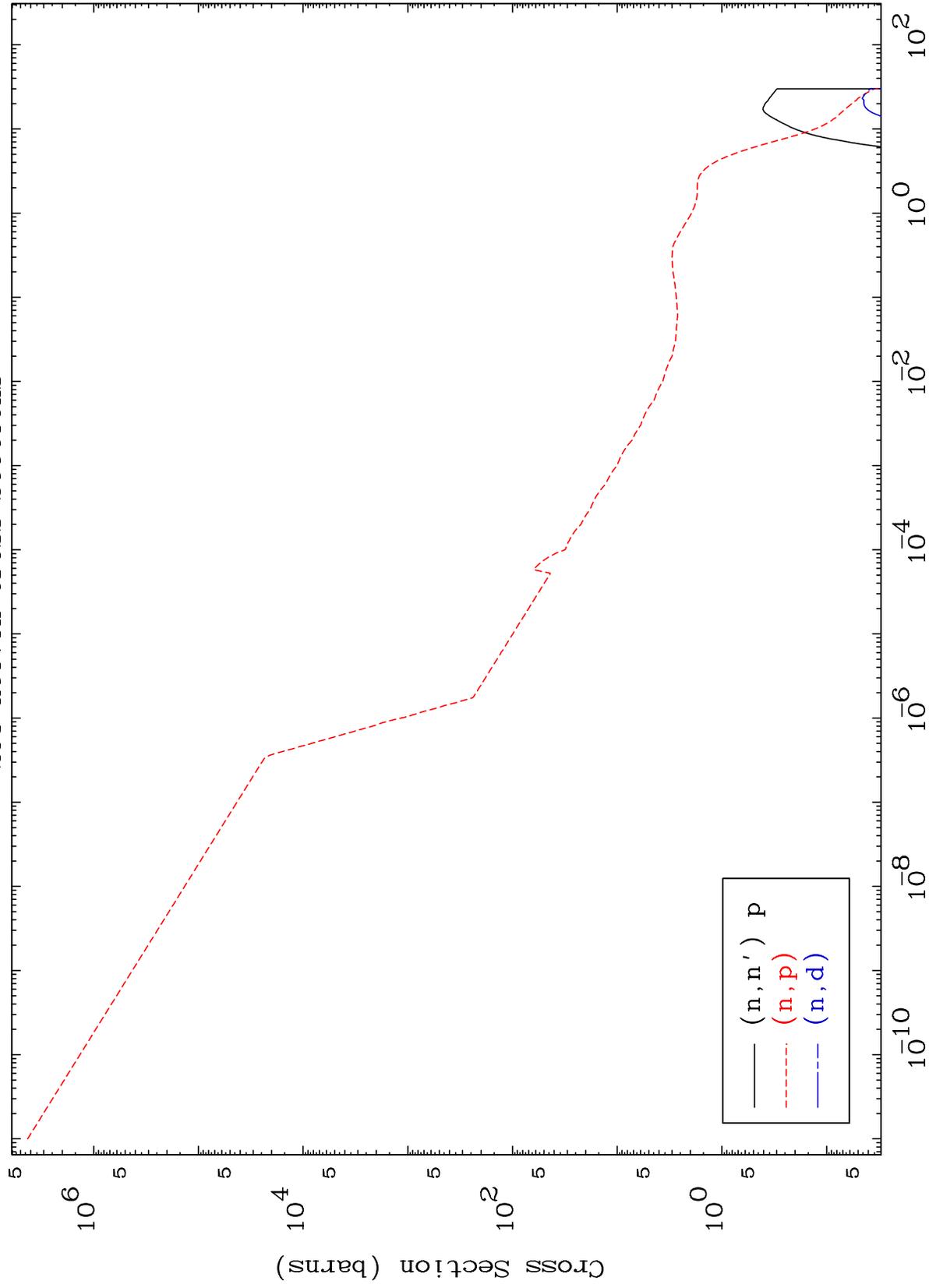
Incident Energy (MeV)

39-Y -80

MAT 3898

Charged Particle  
293 Kelvin Cross Sections

39-Y -80



3

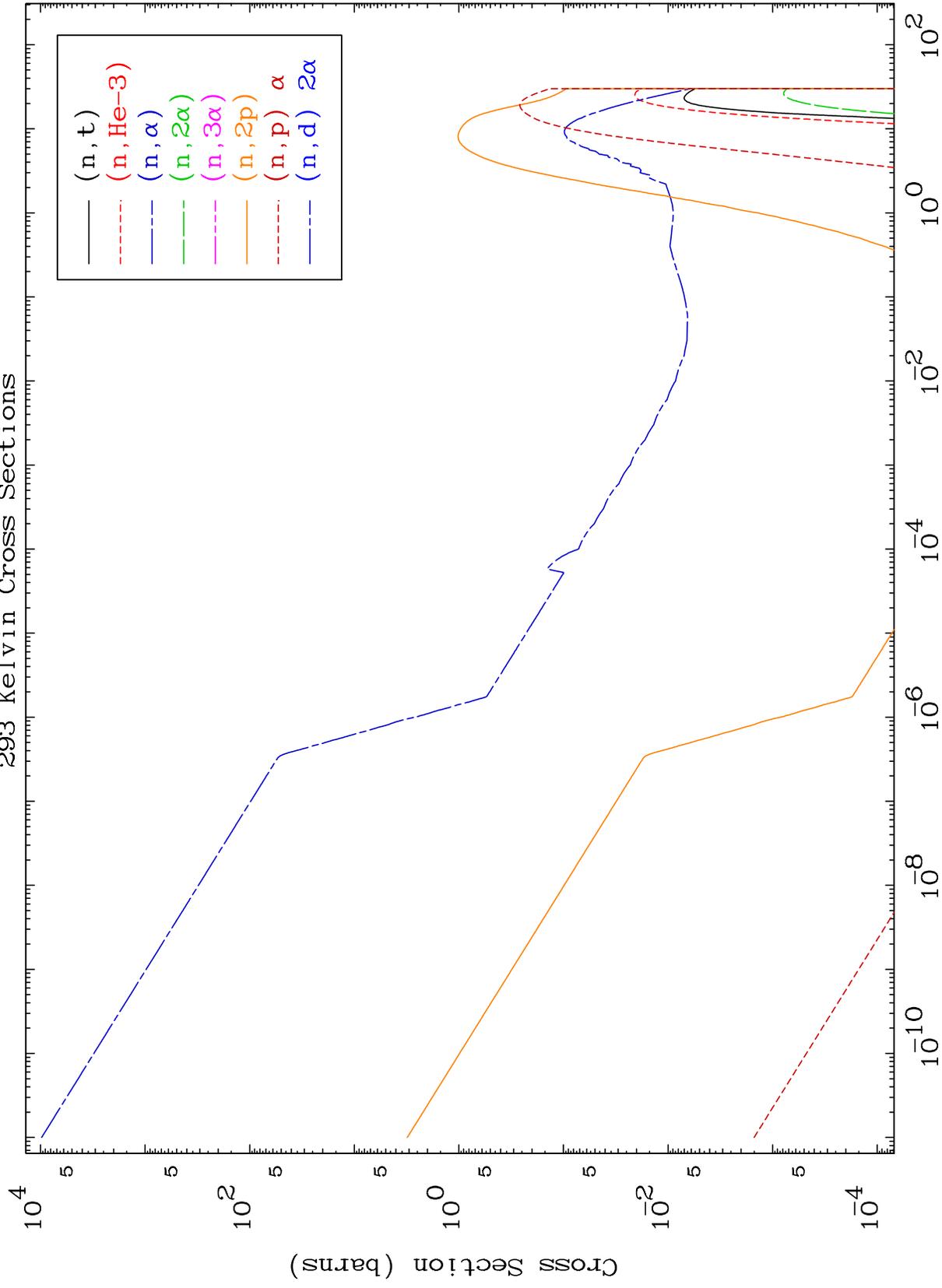
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39-Y -80

MAT 3898

Charged Particle  
293 Kelvin Cross Sections

39-Y -80



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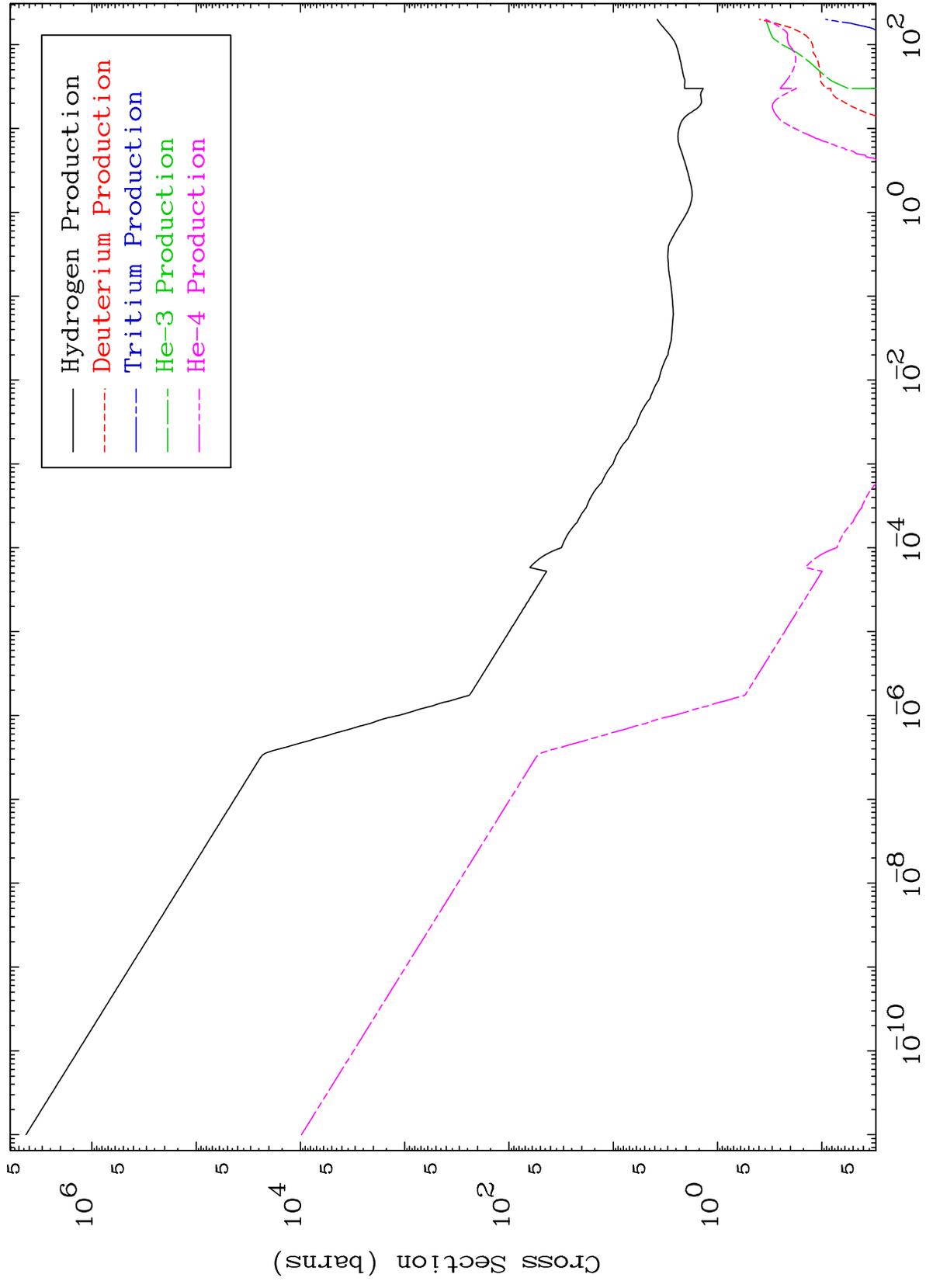
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39-Y -80

MAT 3898

Particle Production  
293 Kelvin Cross Sections

39-Y -80



5

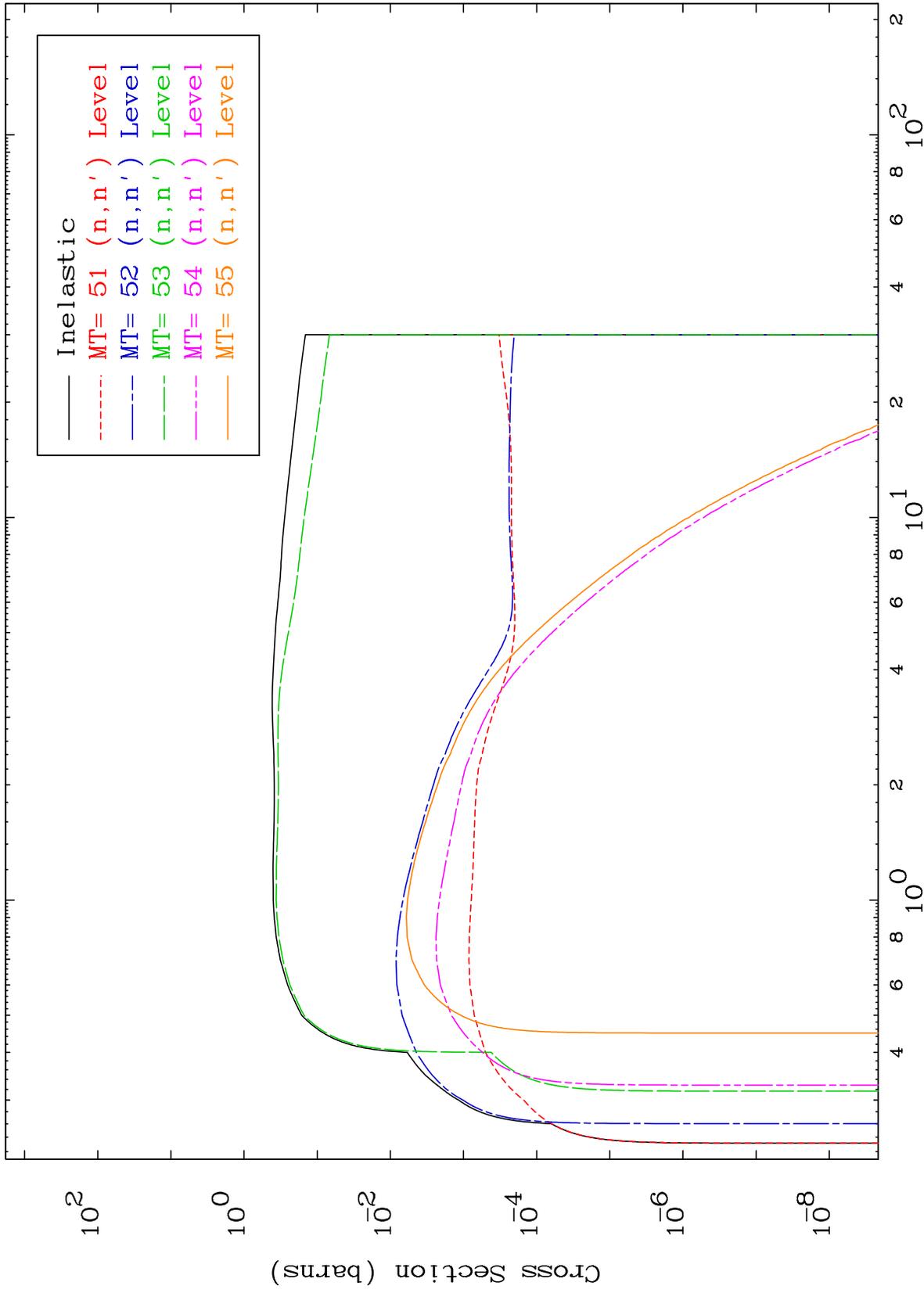
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39-Y -80

MAT 3898

(n,n') Level  
293 Kelvin Cross Sections

39-Y -80



6

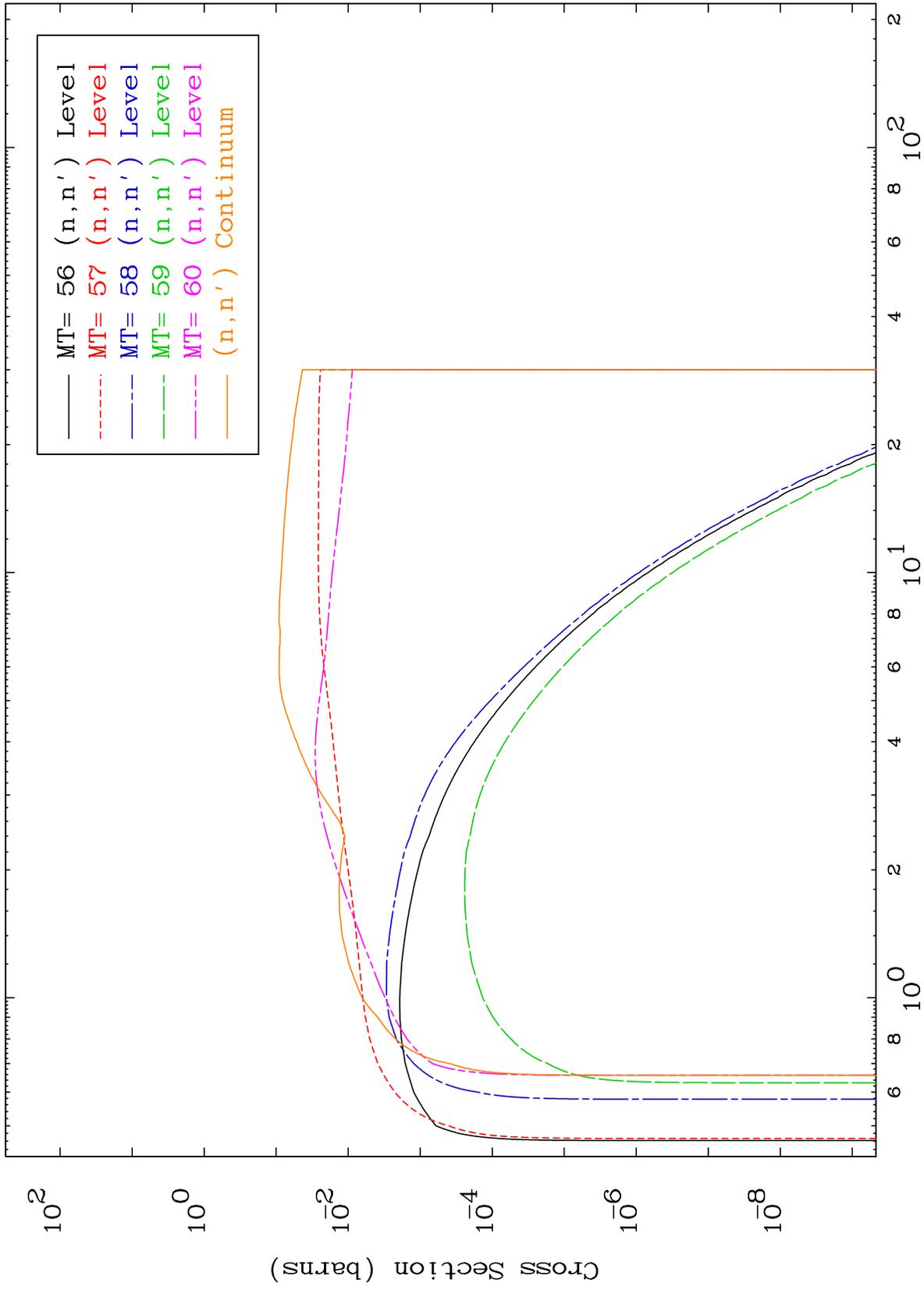
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39-Y -80

MAT 3898

(n,n') Level  
293 Kelvin Cross Sections

39-Y -80



7

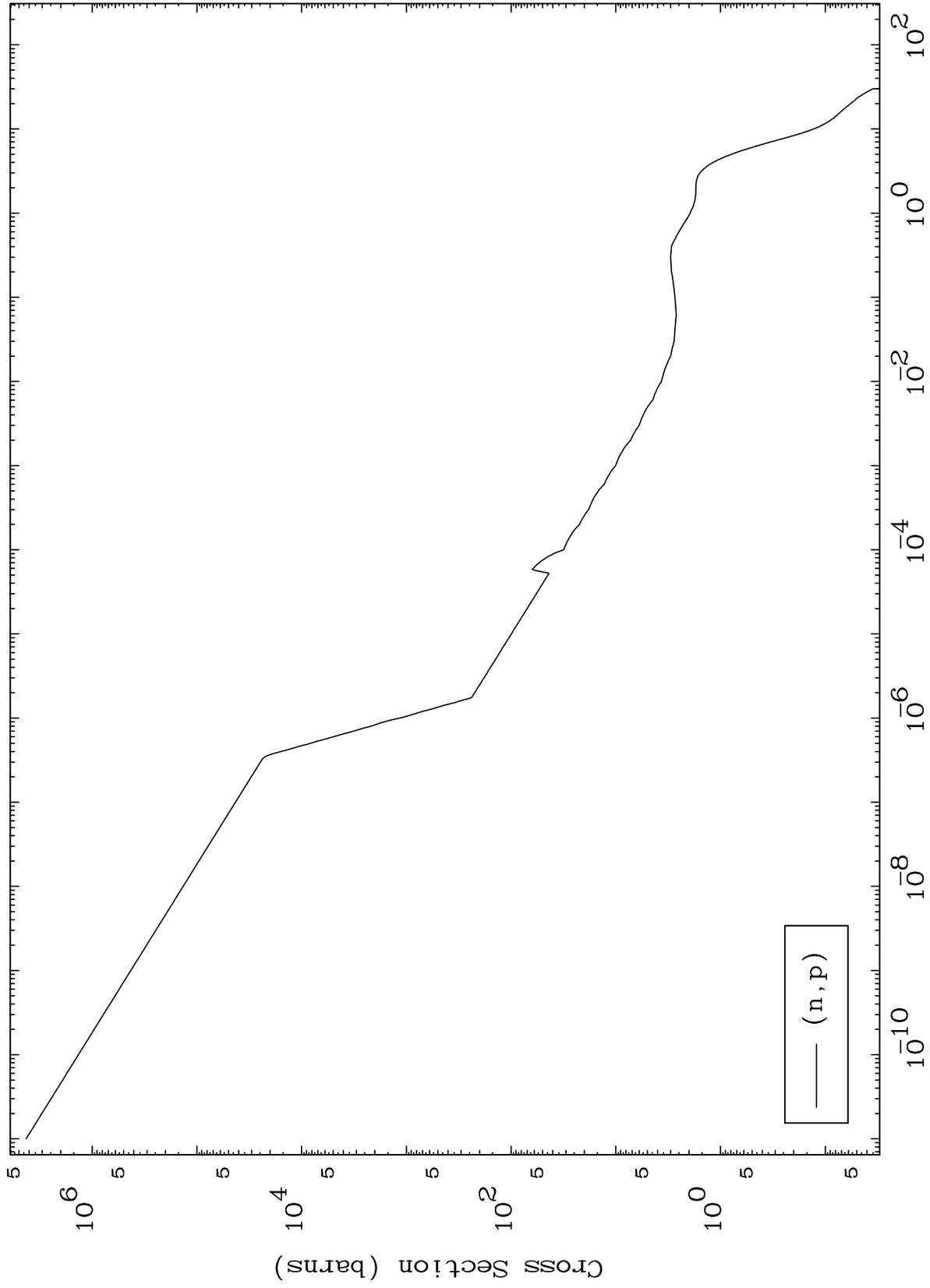
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39-Y -80

MAT 3898

(n,p) Levels  
293 Kelvin Cross Sections

39-Y -80



8

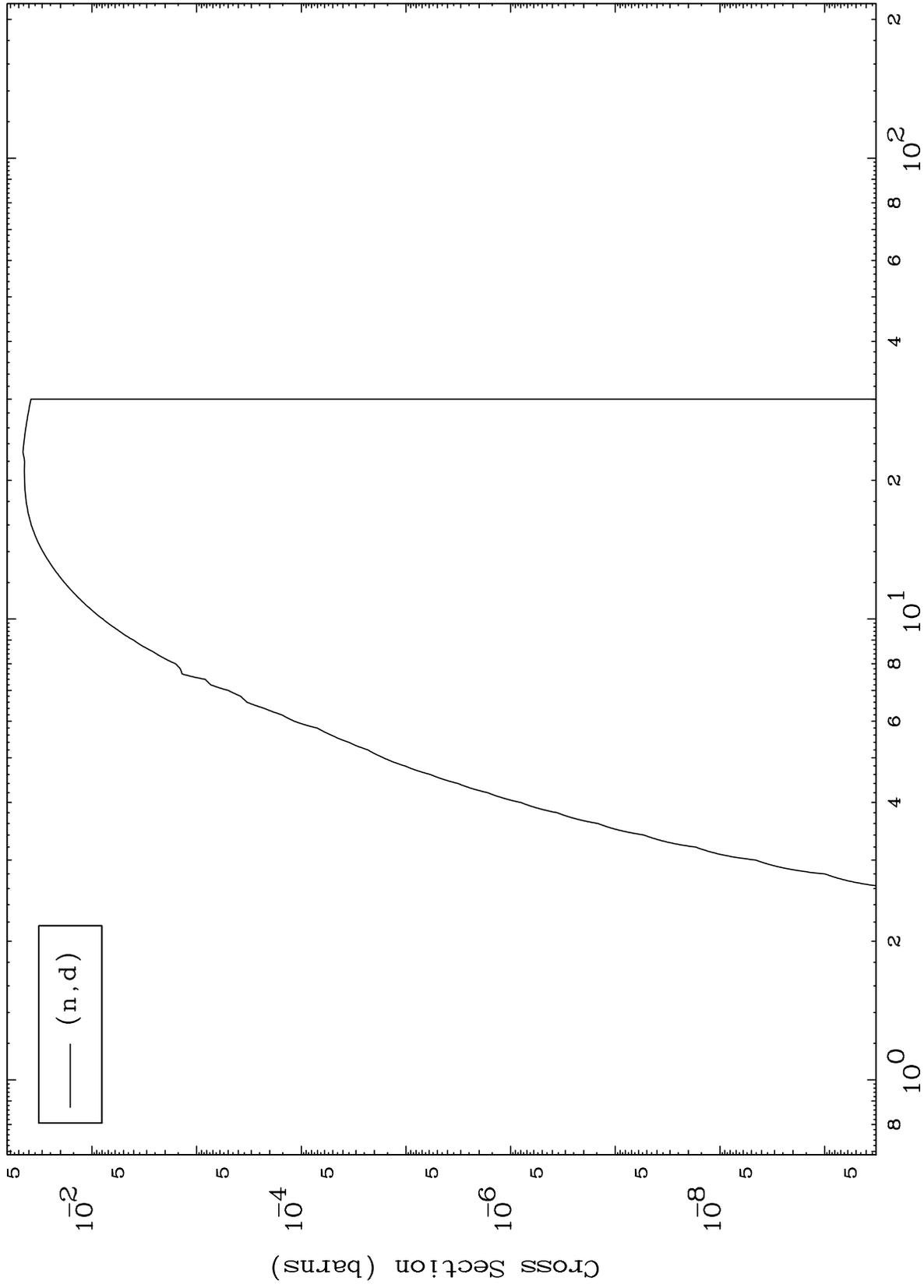
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39-Y -80

MAT 3898

(n,d) Levels  
293 Kelvin Cross Sections

39-Y -80



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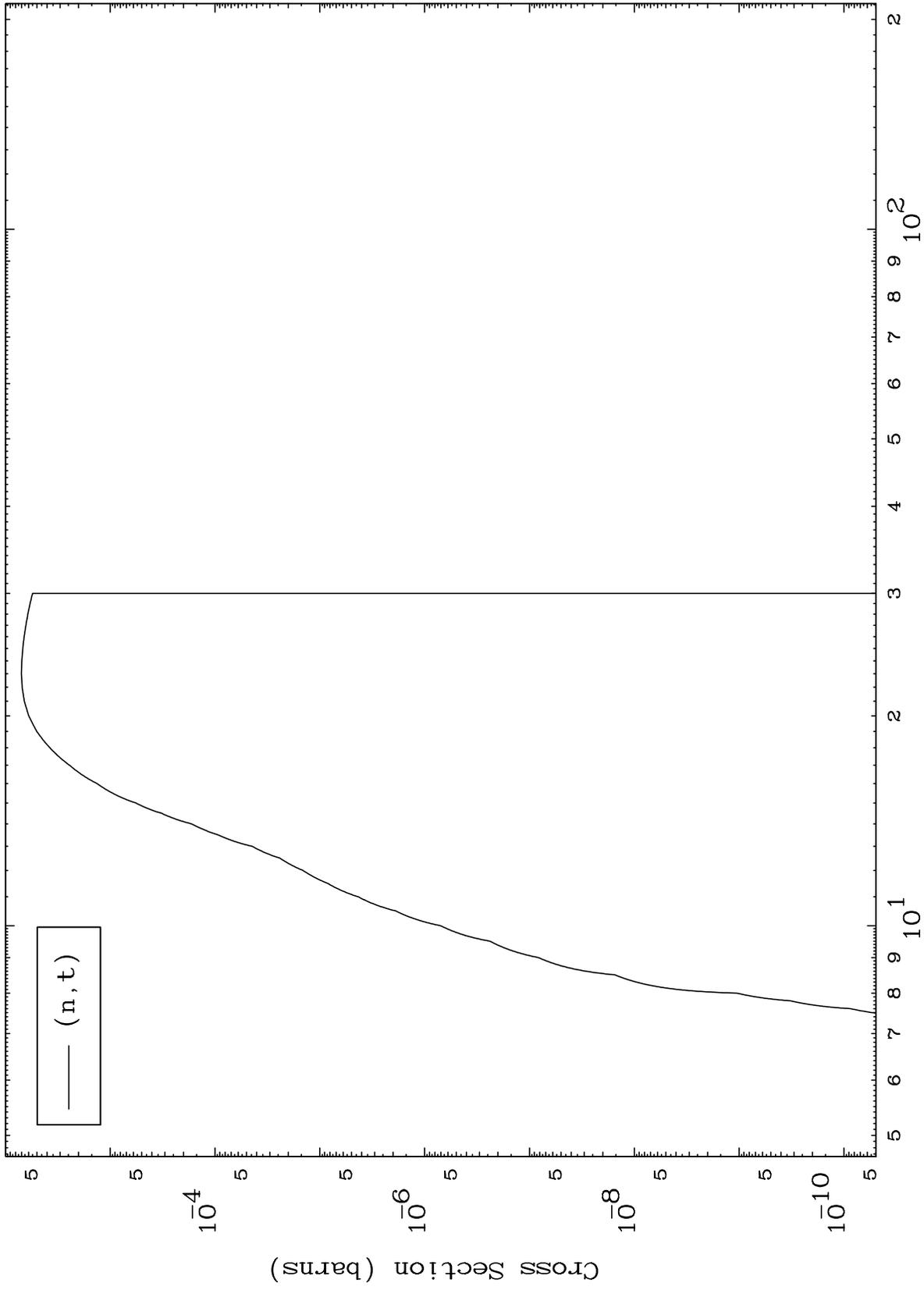
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39-Y -80

MAT 3898

(n,t) Levels  
293 Kelvin Cross Sections

39-Y -80



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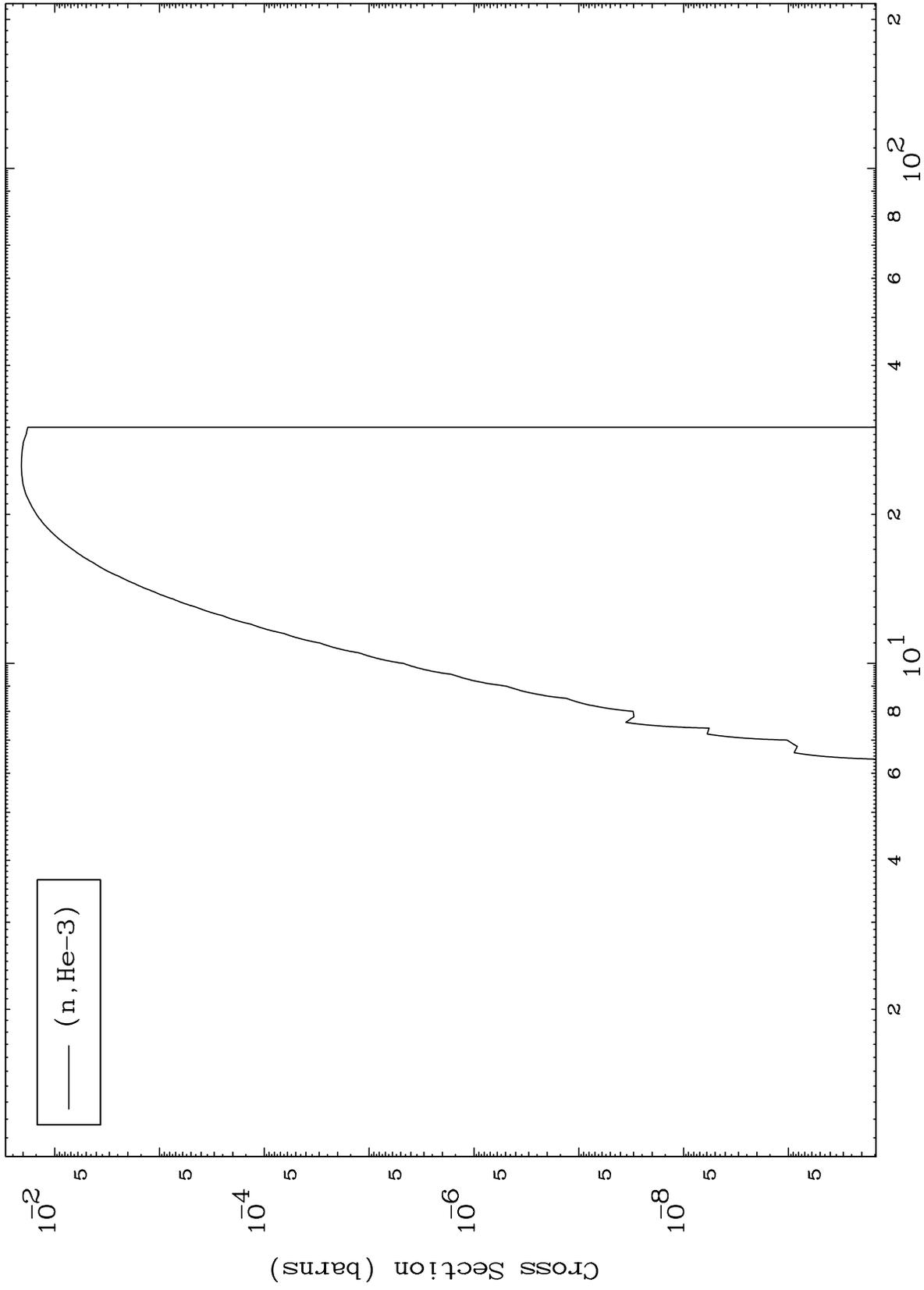
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39-Y -80

MAT 3898

(n,He3) Levels  
293 Kelvin Cross Sections

39-Y -80



11

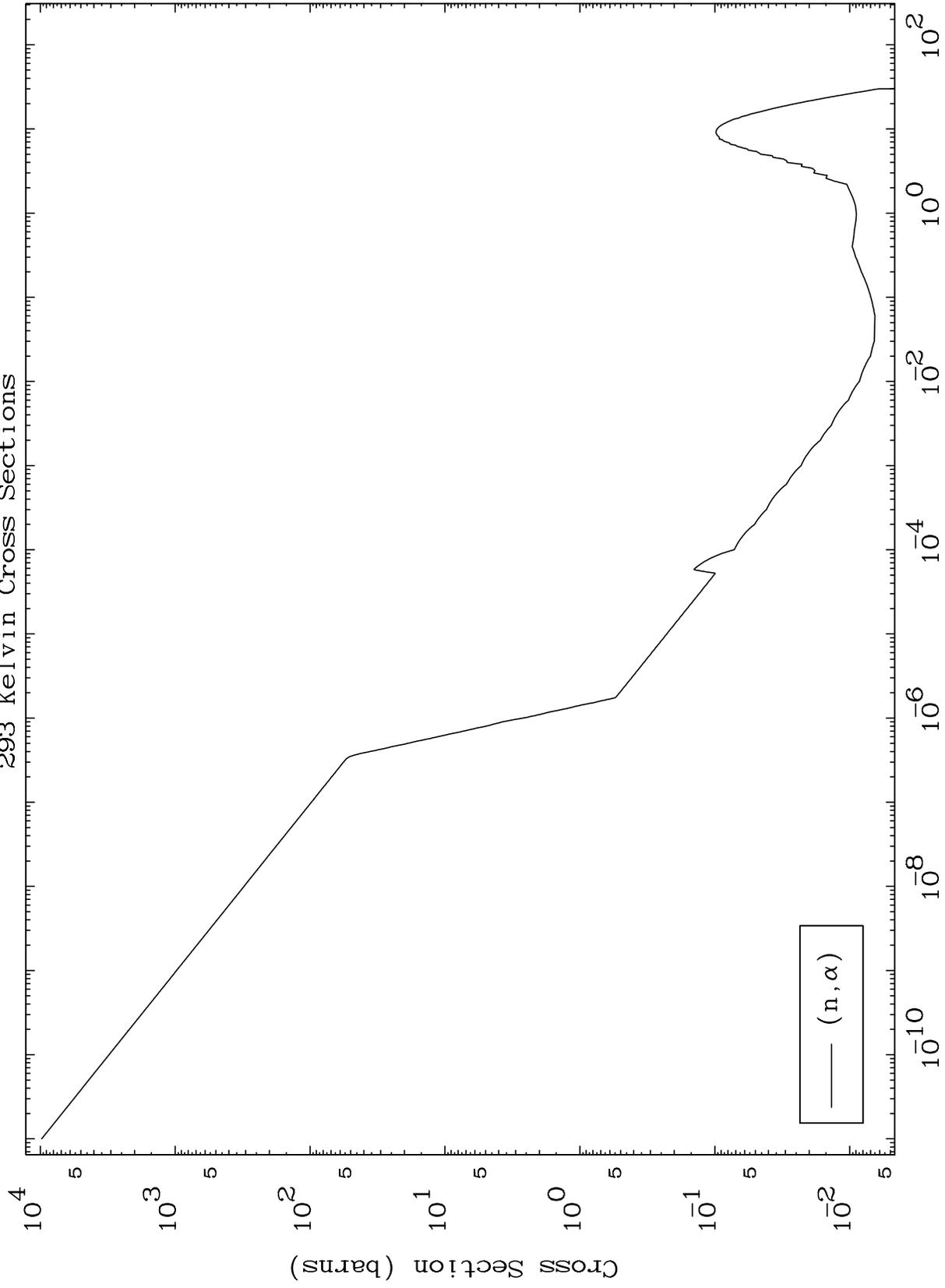
Incident Energy (MeV)

39-Y -80

MAT 3898

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

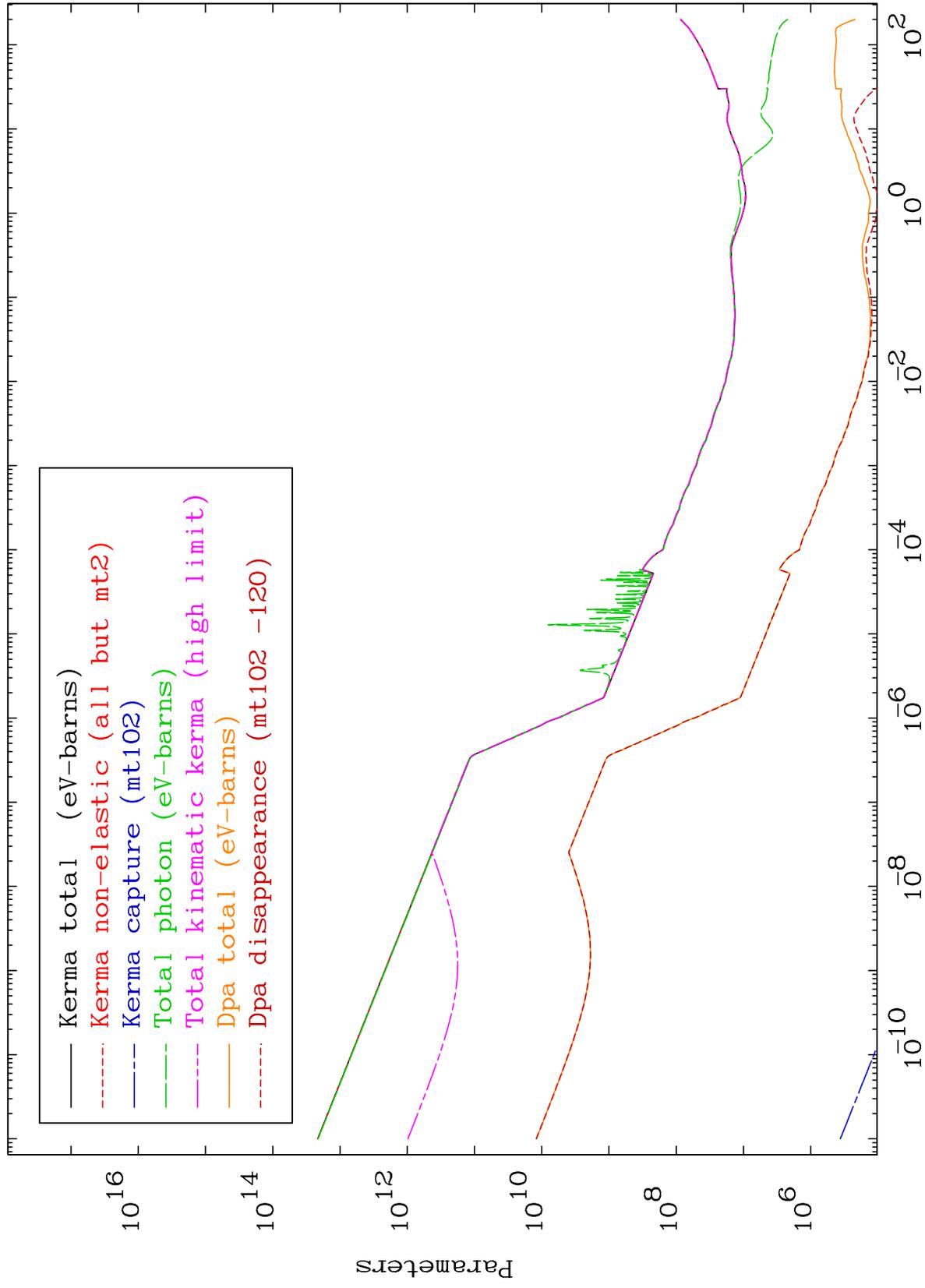
39-Y -80



12

Incident Energy (MeV)

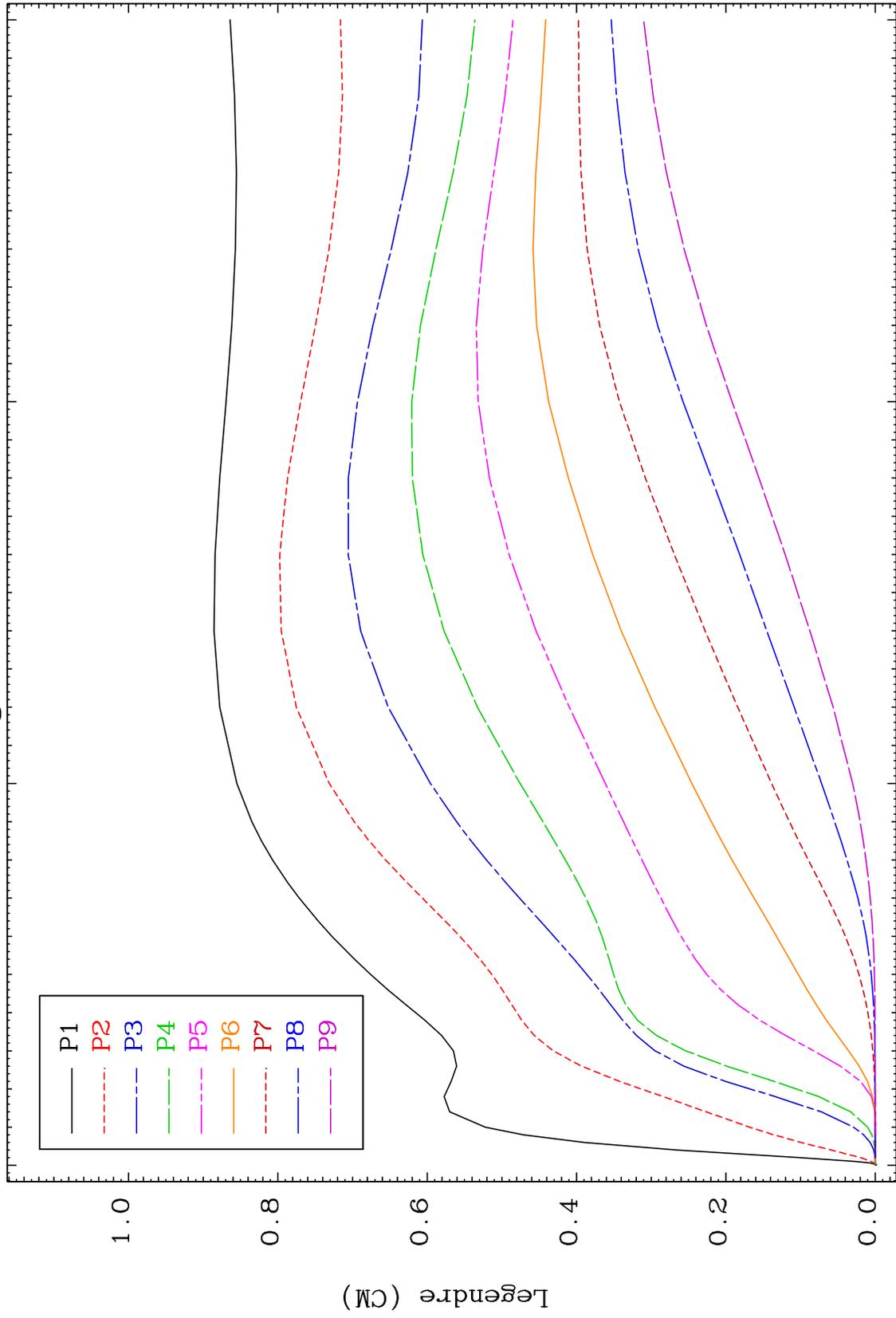
39-Y -80



MAT 3898

Elastic Legendre Coefficients

39-Y -80



14

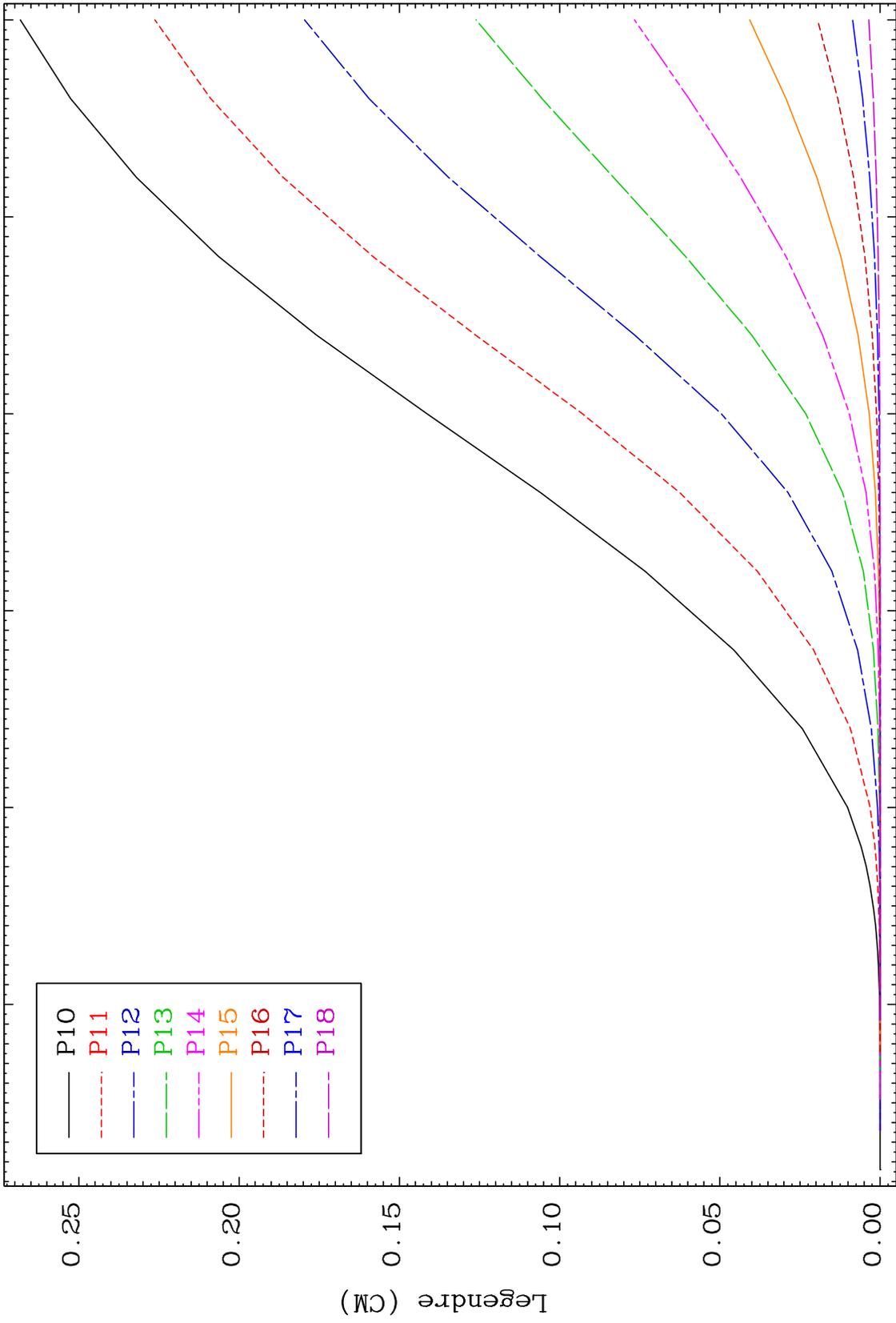
Incident Energy (MeV)

39-Y -80

MAT 3898

Elastic Legendre Coefficients

39-Y -80



15

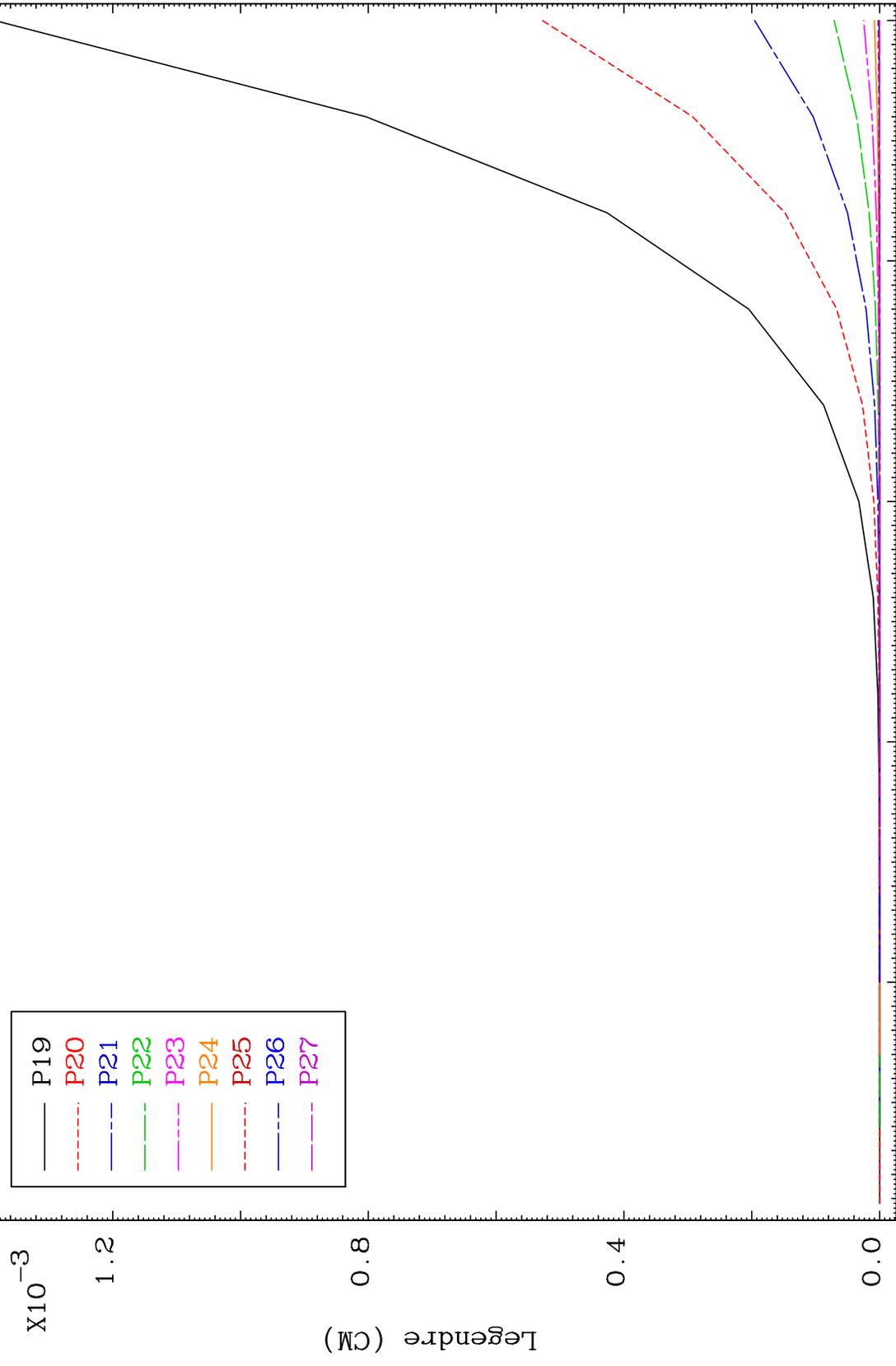
Incident Energy (MeV)

39-Y -80

MAT 3898

### Elastic Legendre Coefficients

39-Y -80



16

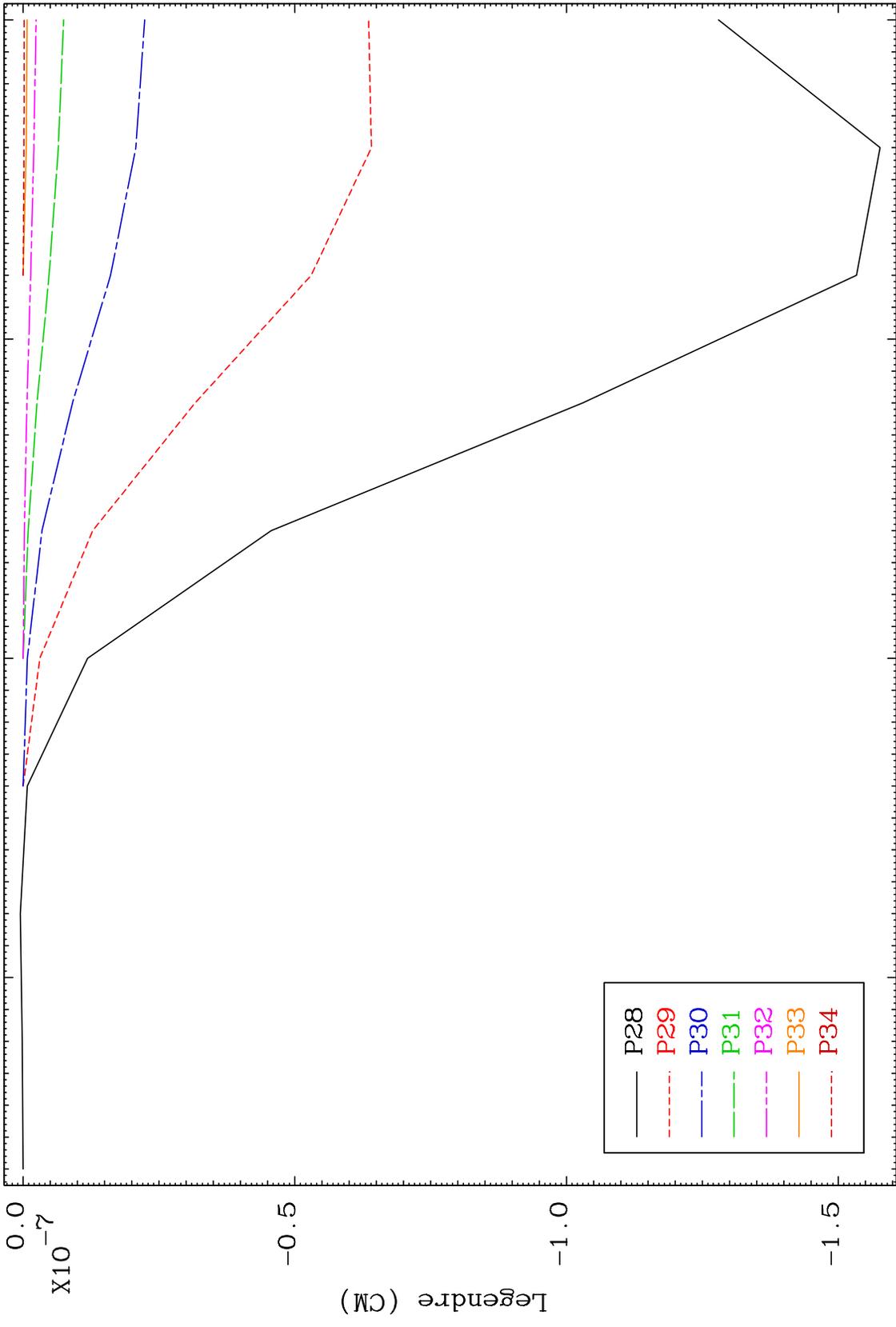
Incident Energy (MeV)

39-Y -80

MAT 3898

Elastic Legendre Coefficients

39-Y -80



17

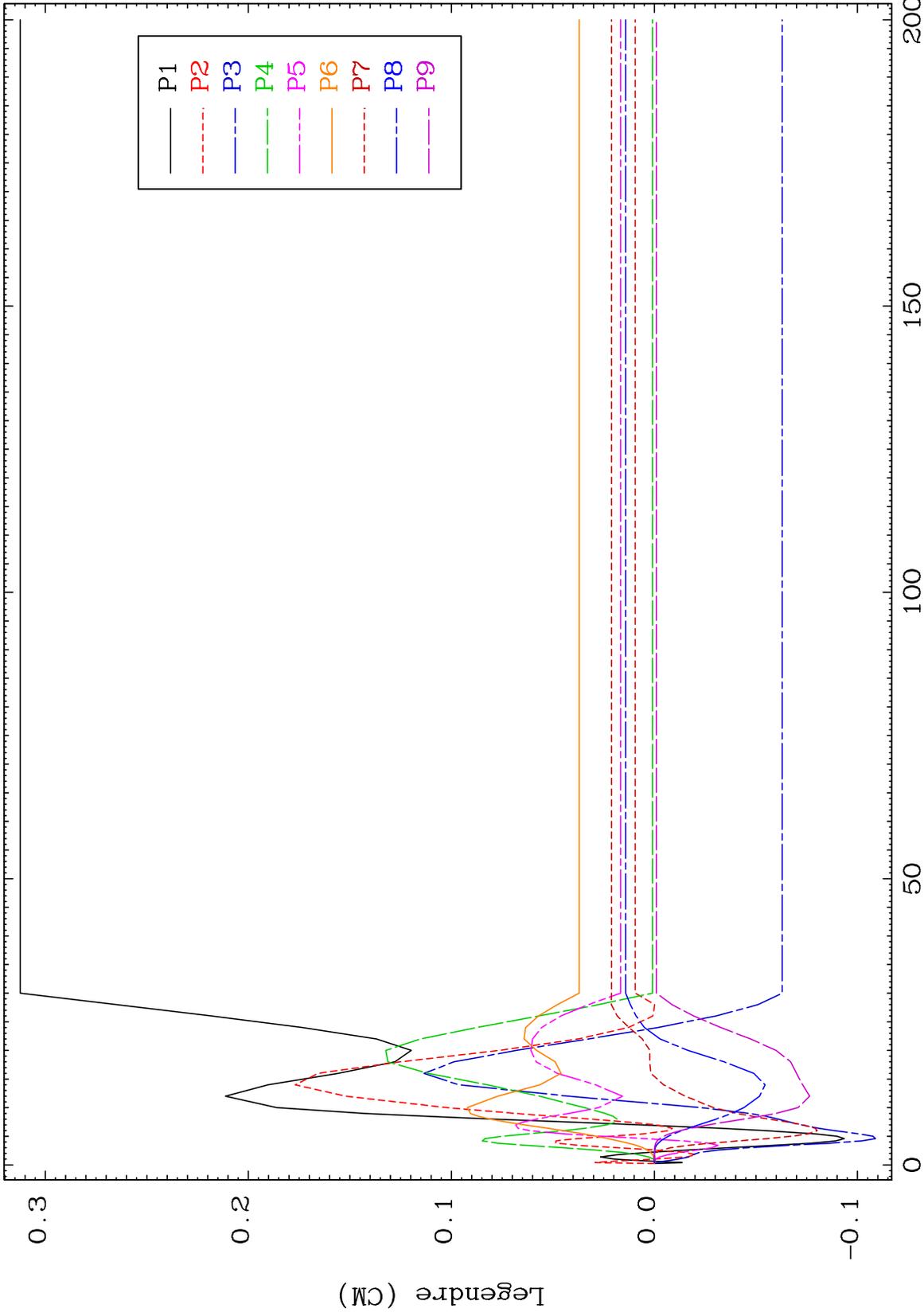
Incident Energy (MeV)

39-Y -80

MAT 3898

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

39-Y -80



18

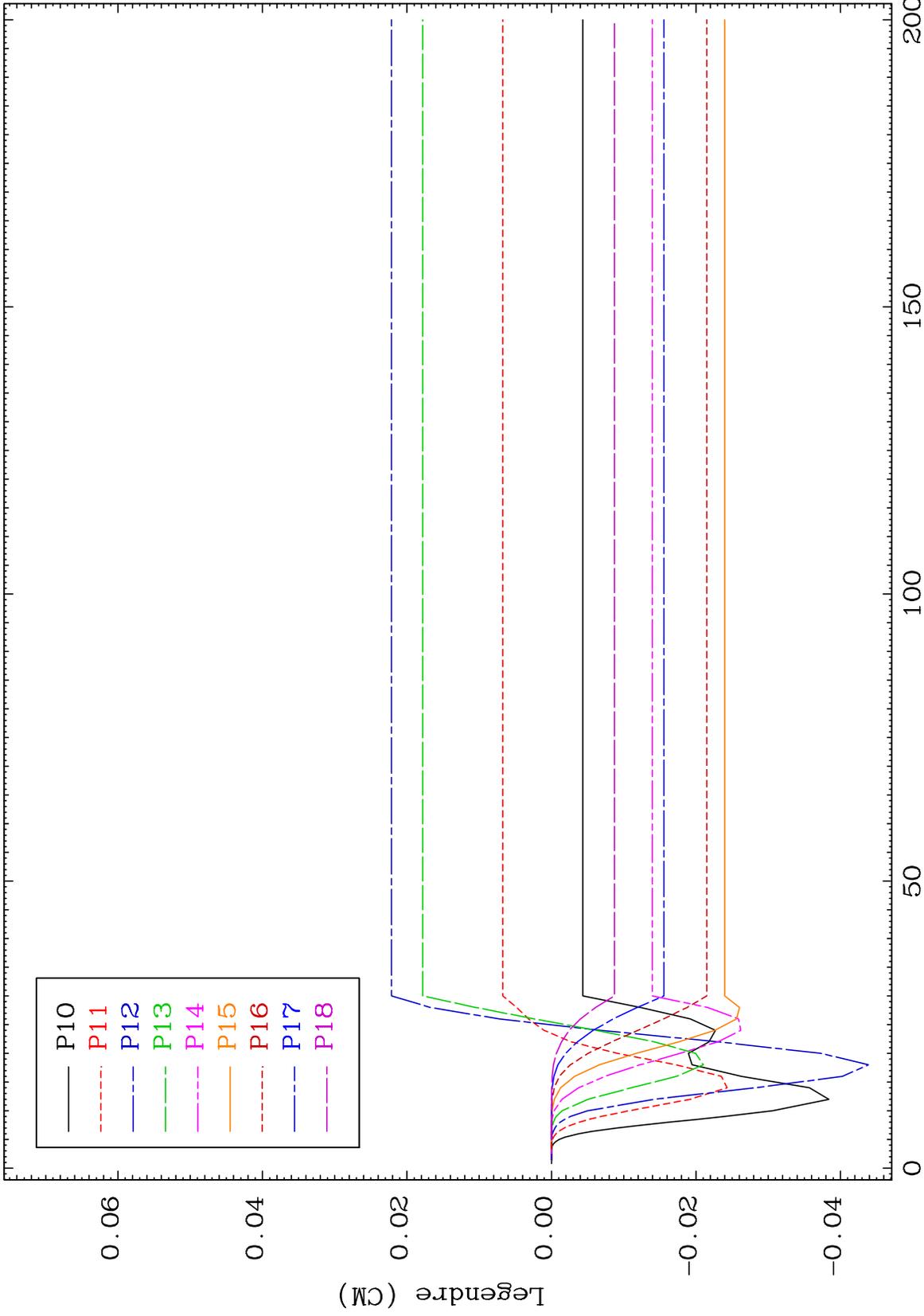
Incident Energy (MeV)

39-Y -80

MAT 3898

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

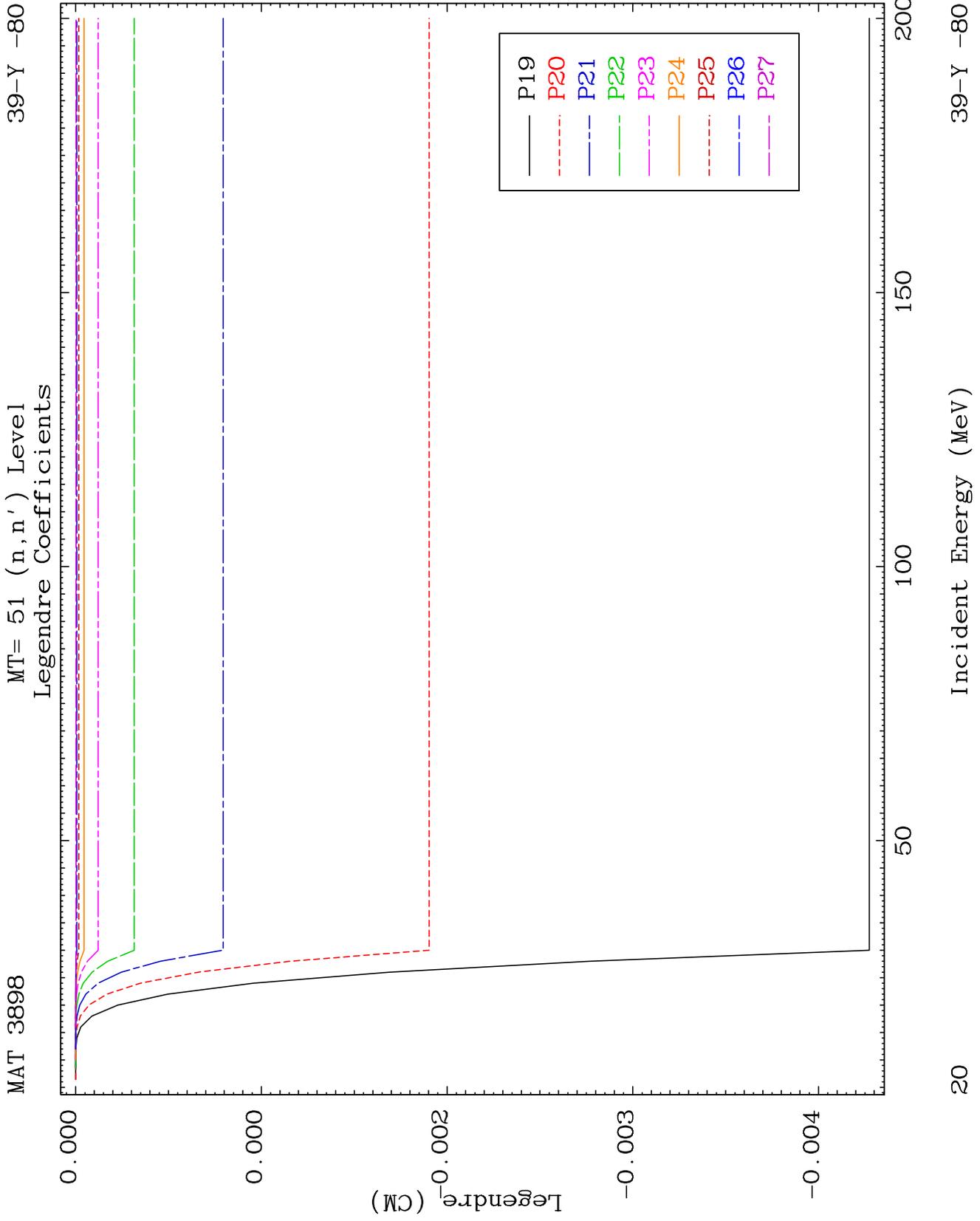
39-Y -80



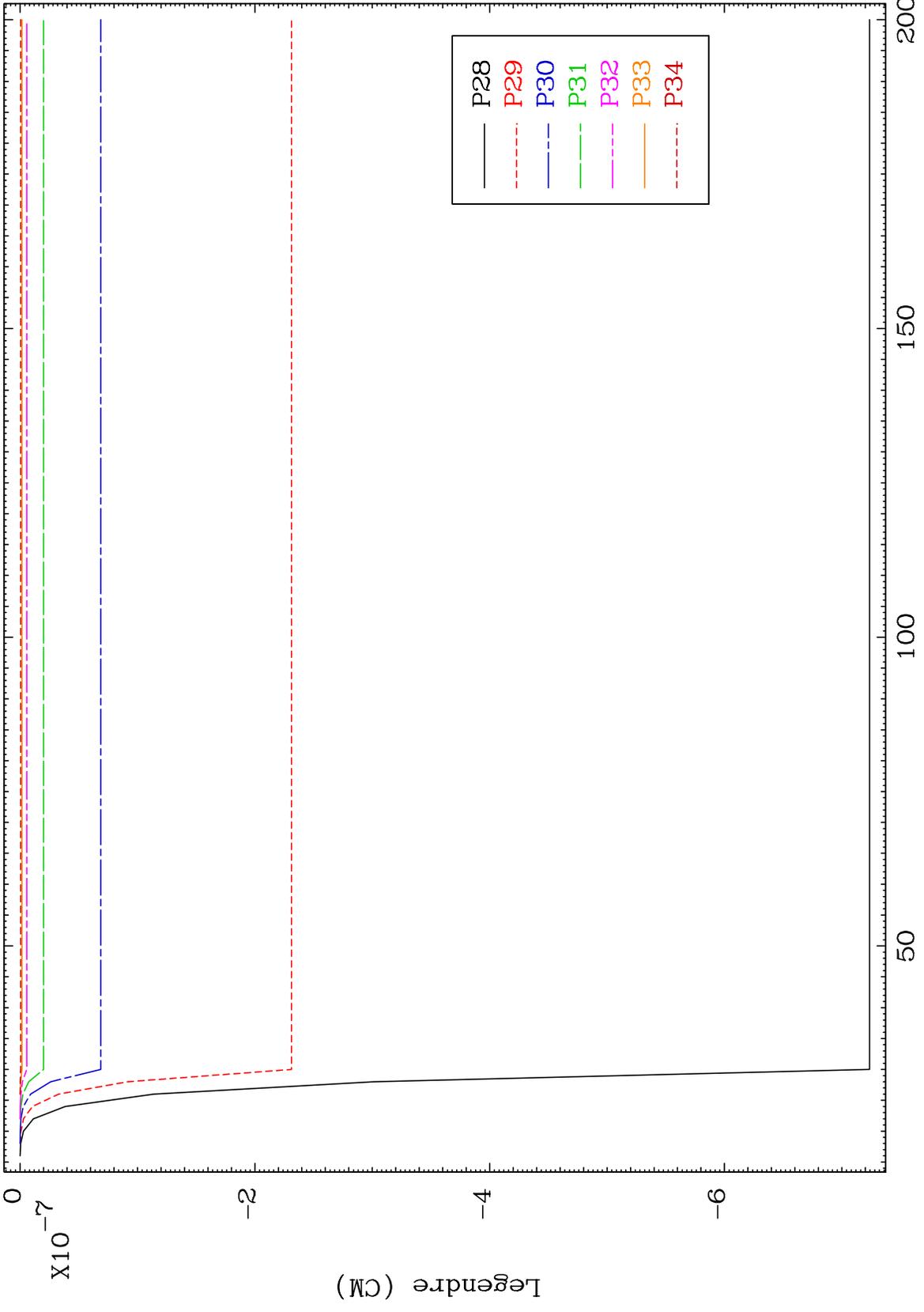
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Incident Energy (MeV)

39-Y -80



MAT 3898 MT= 51 (n,n') Level Legendre Coefficients 39-Y -80

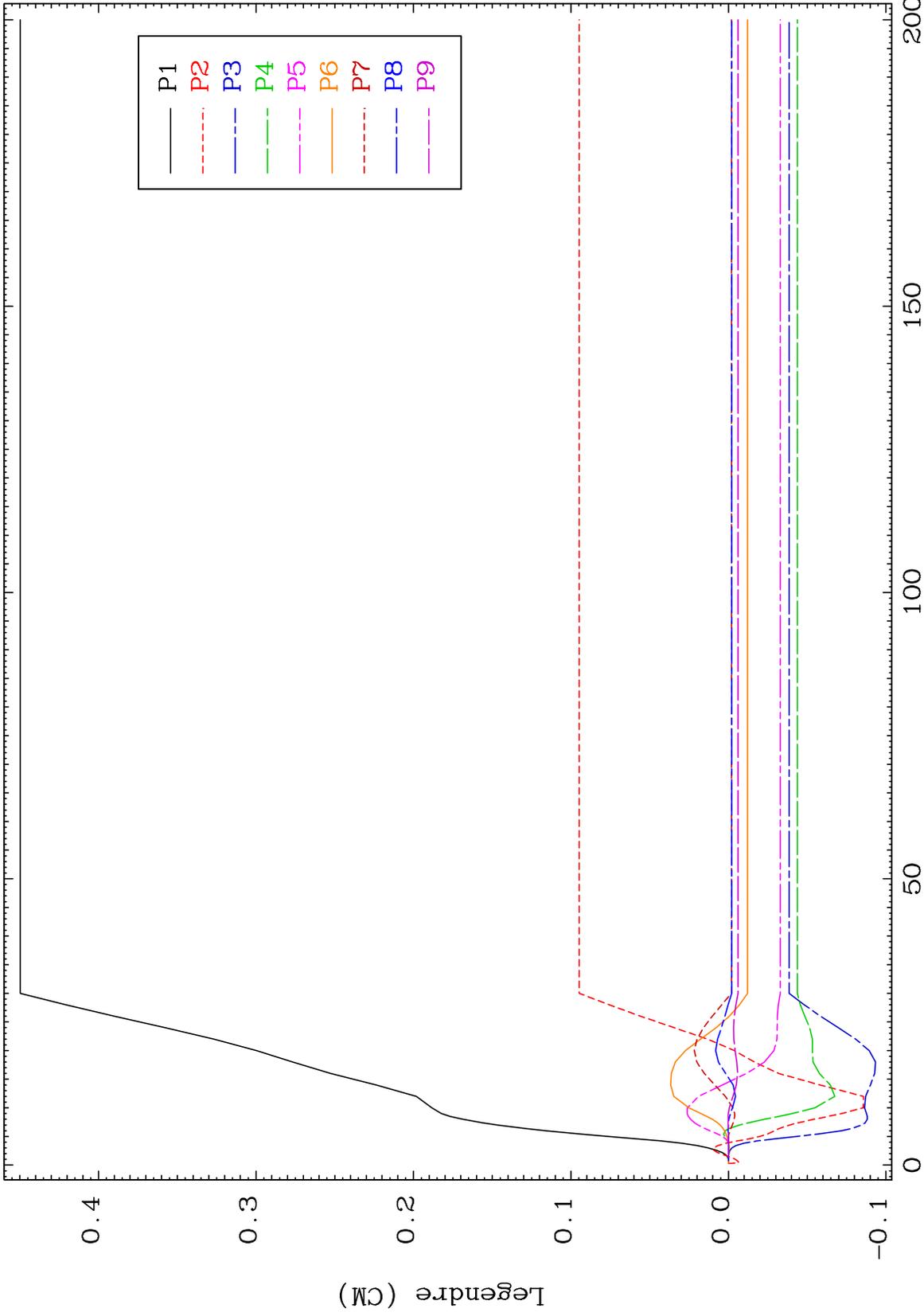


21 Incident Energy (MeV) 39-Y -80

MAT 3898

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

39-Y -80

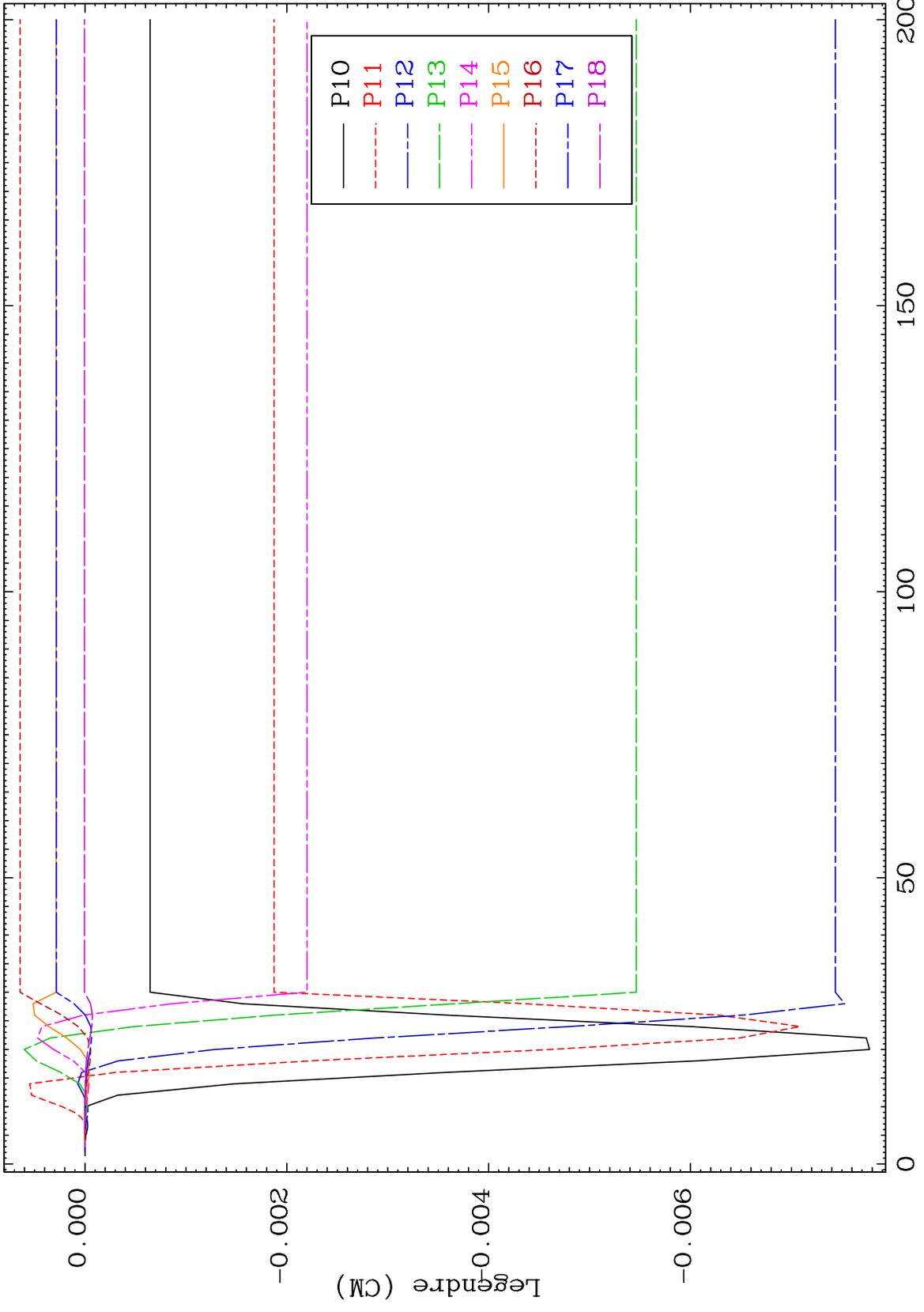


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Incident Energy (MeV)

39-Y -80

MAT 3898 MT= 52 (n,n') Level Legendre Coefficients 39-Y -80

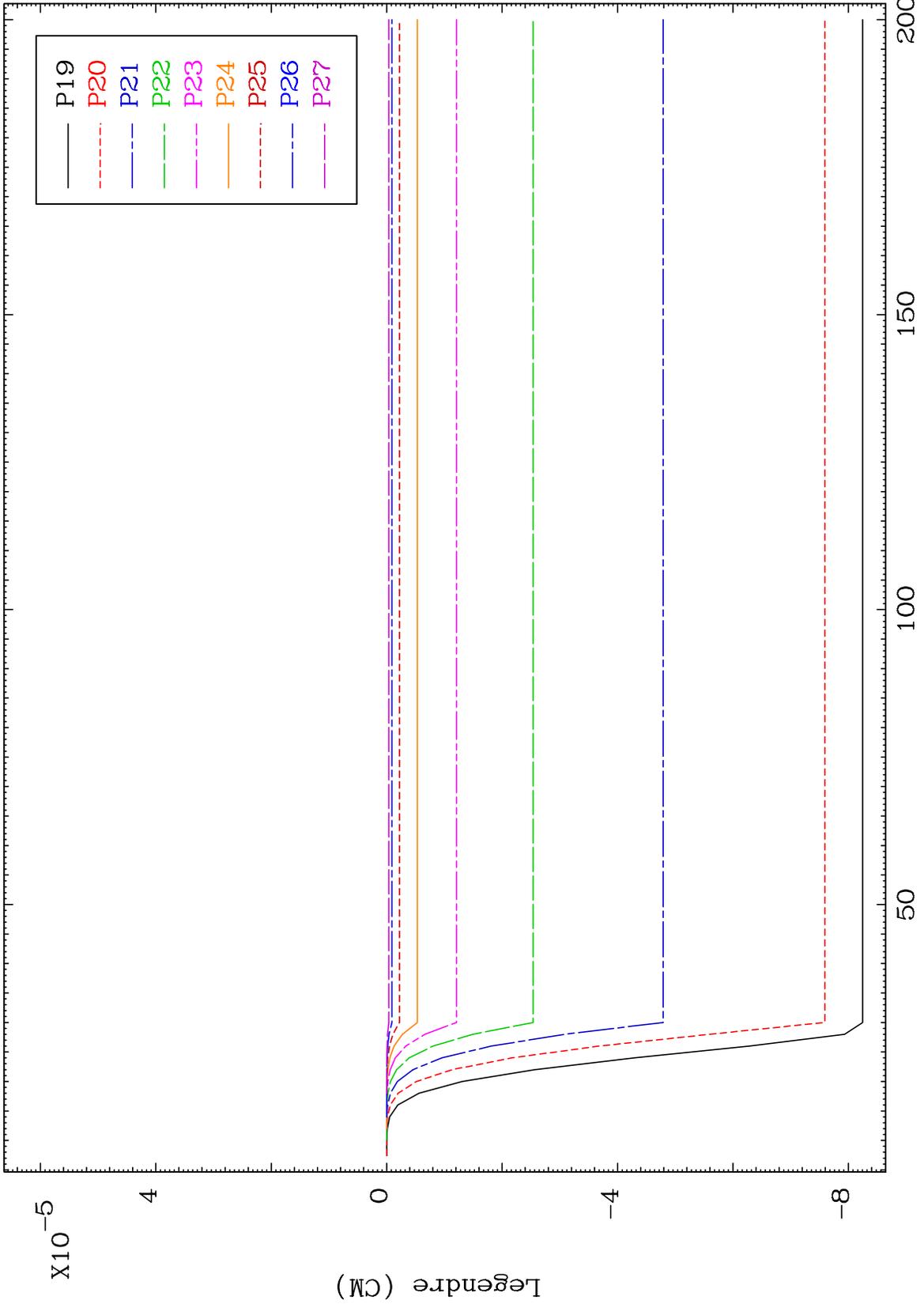


23 Incident Energy (MeV) 39-Y -80

MAT 3898

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

39-Y -80

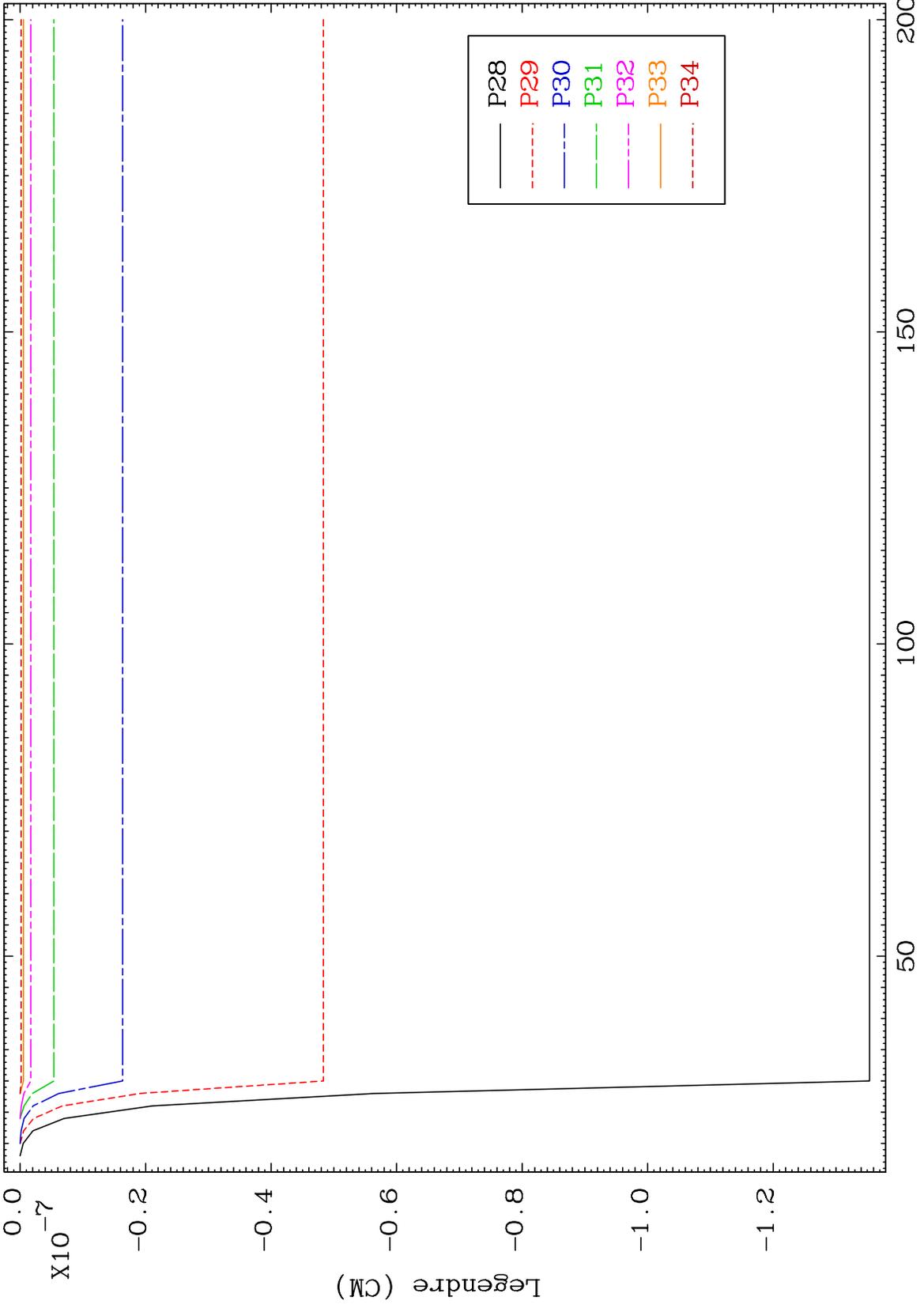


24

Incident Energy (MeV)

39-Y -80

MAT 3898 MT= 52 (n,n') Level Legendre Coefficients 39-Y -80

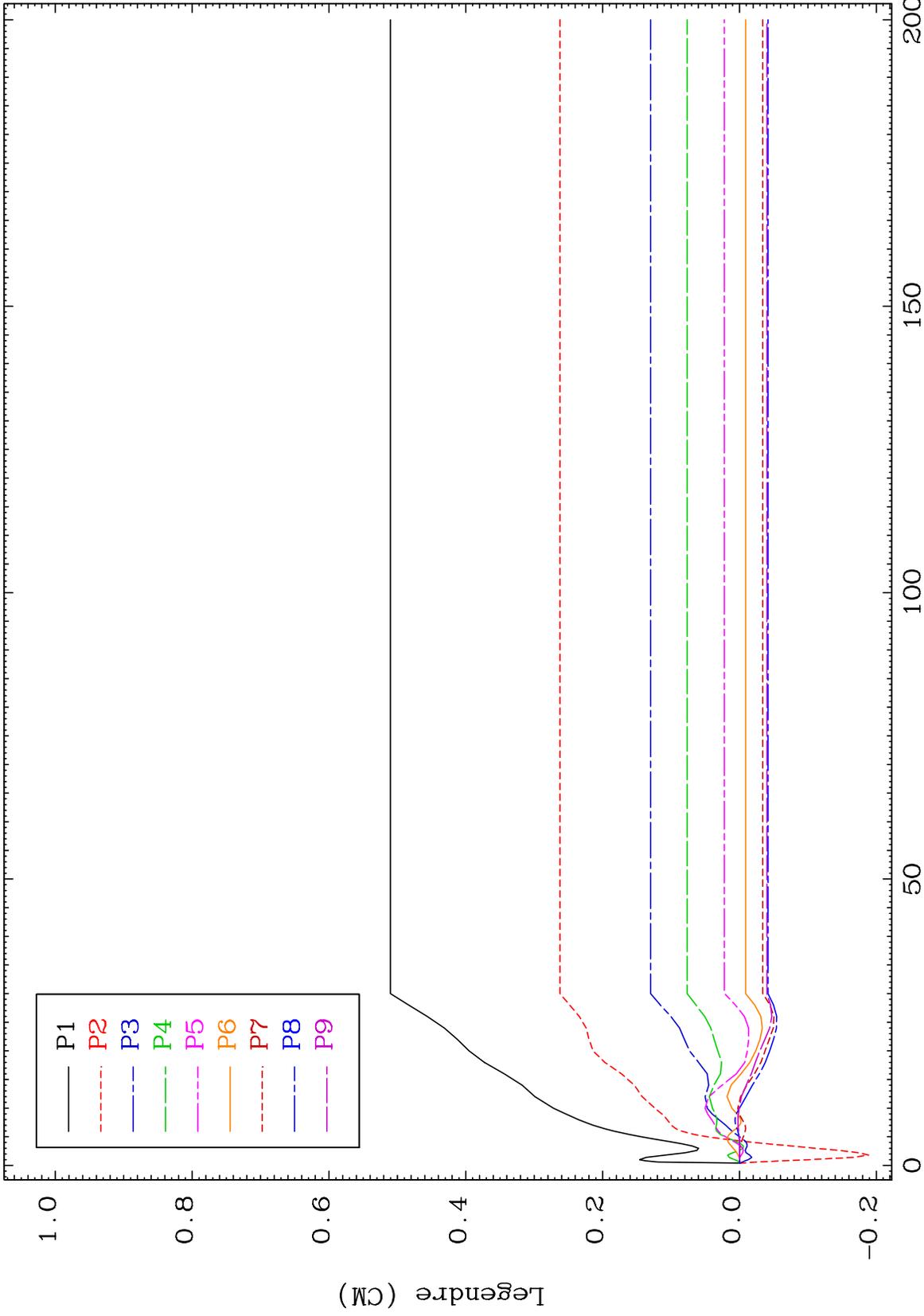


25 Incident Energy (MeV) 50 100 150 200 39-Y -80

MAT 3898

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

39-Y -80



26

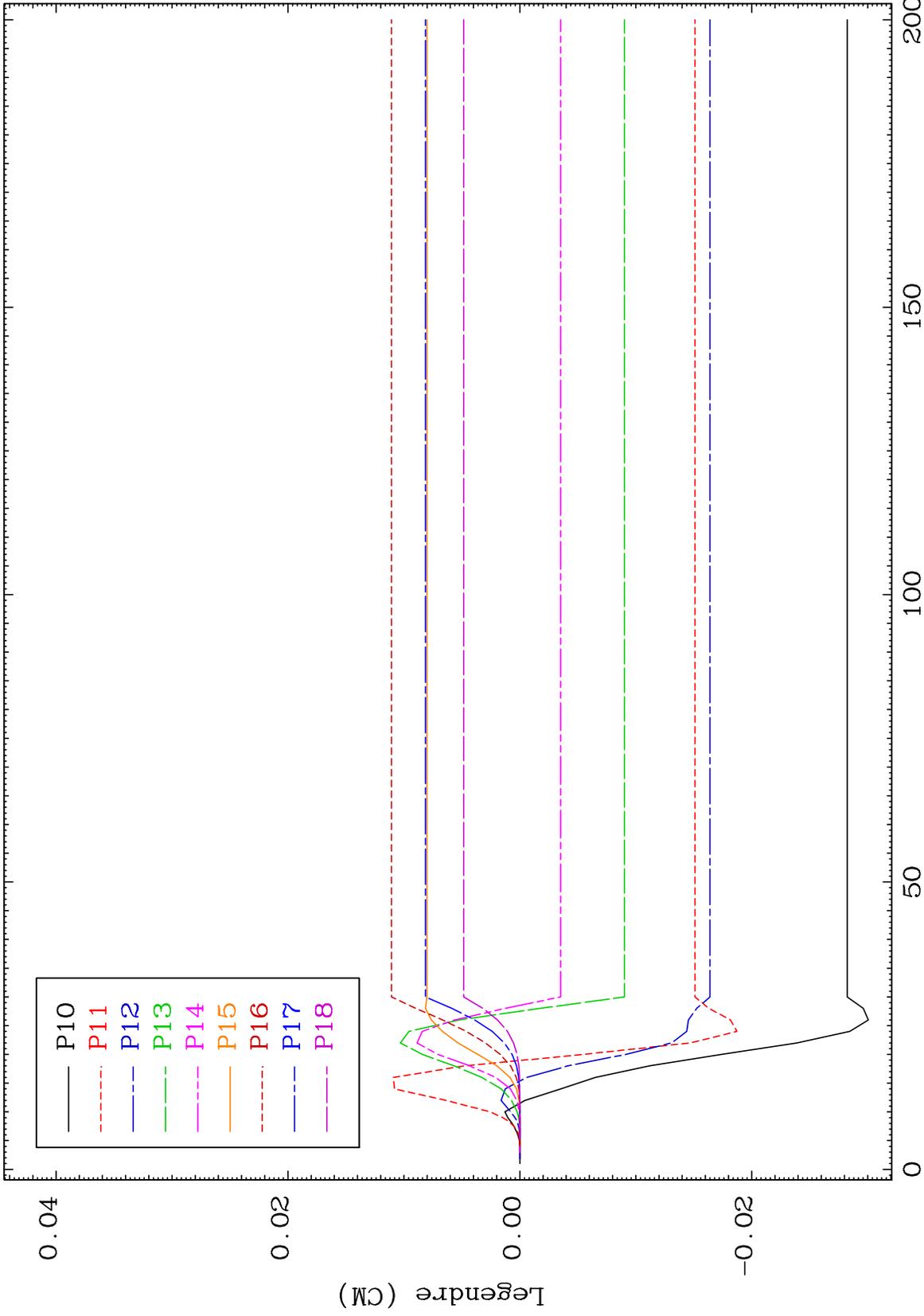
Incident Energy (MeV)

39-Y -80

MAT 3898

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

39-Y -80

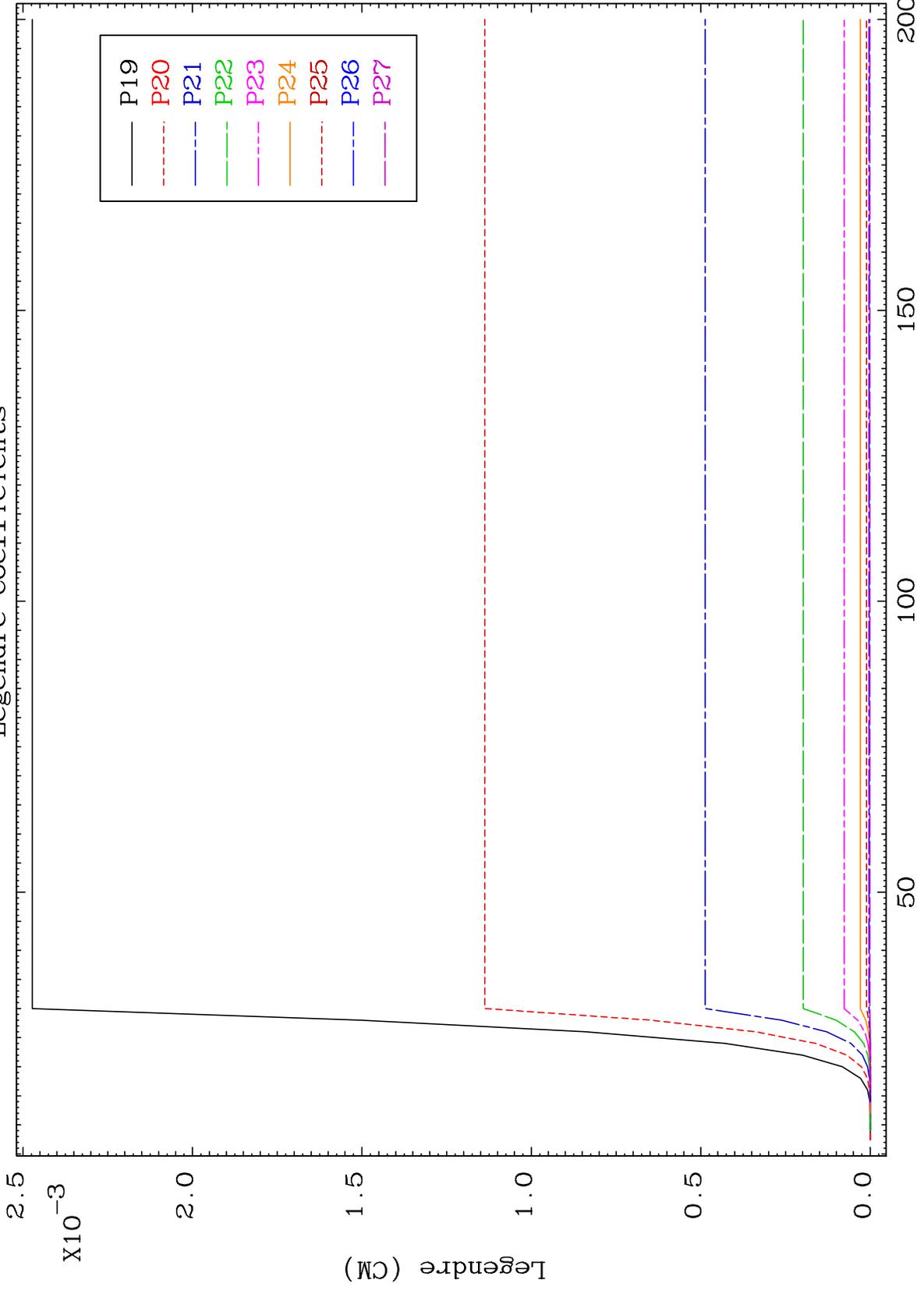


27

Incident Energy (MeV)

39-Y -80

MAT 3898 MT= 53 (n,n') Level Legendre Coefficients 39-Y -80

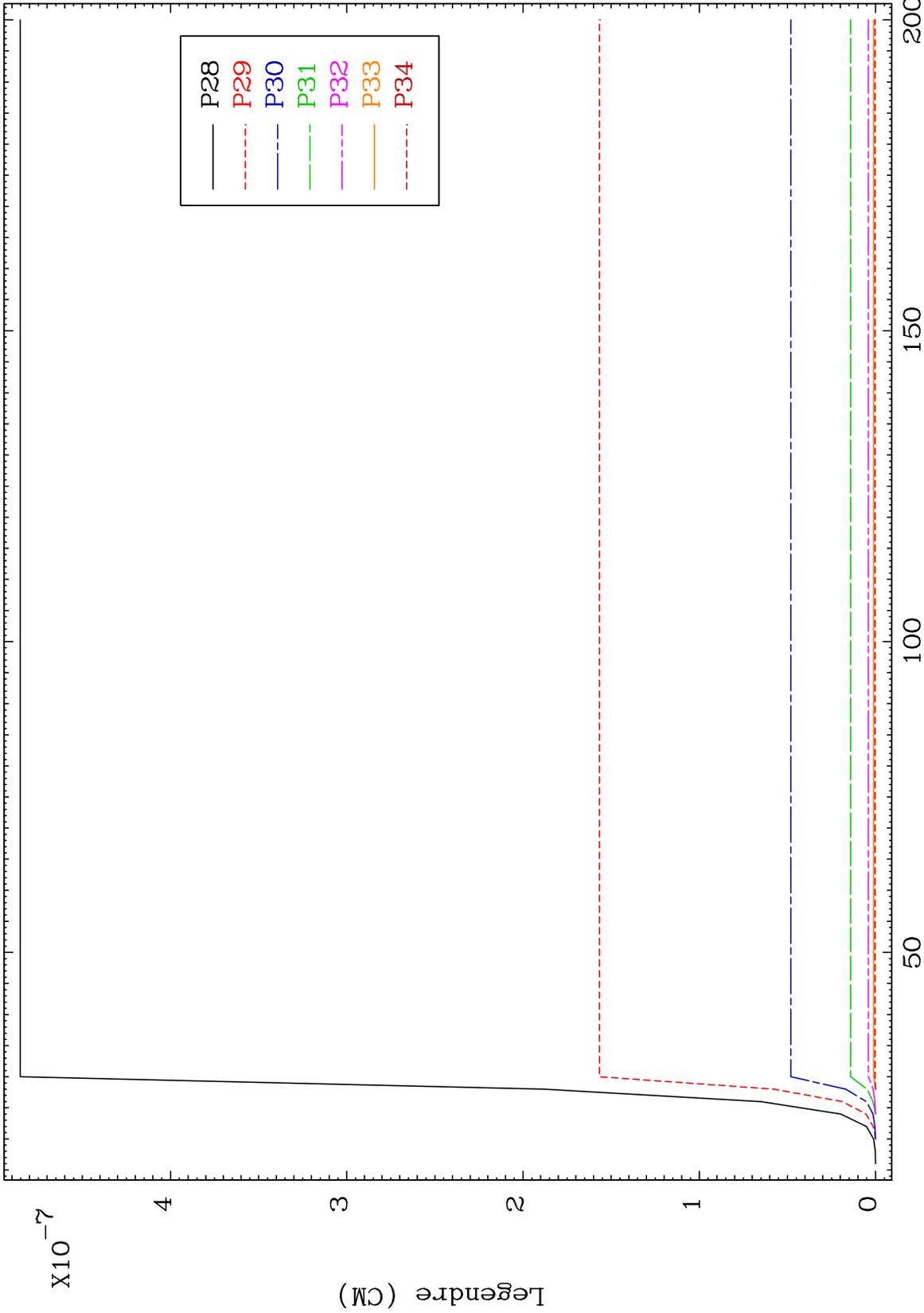


28 39-Y -80

MAT 3898

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

39-Y -80

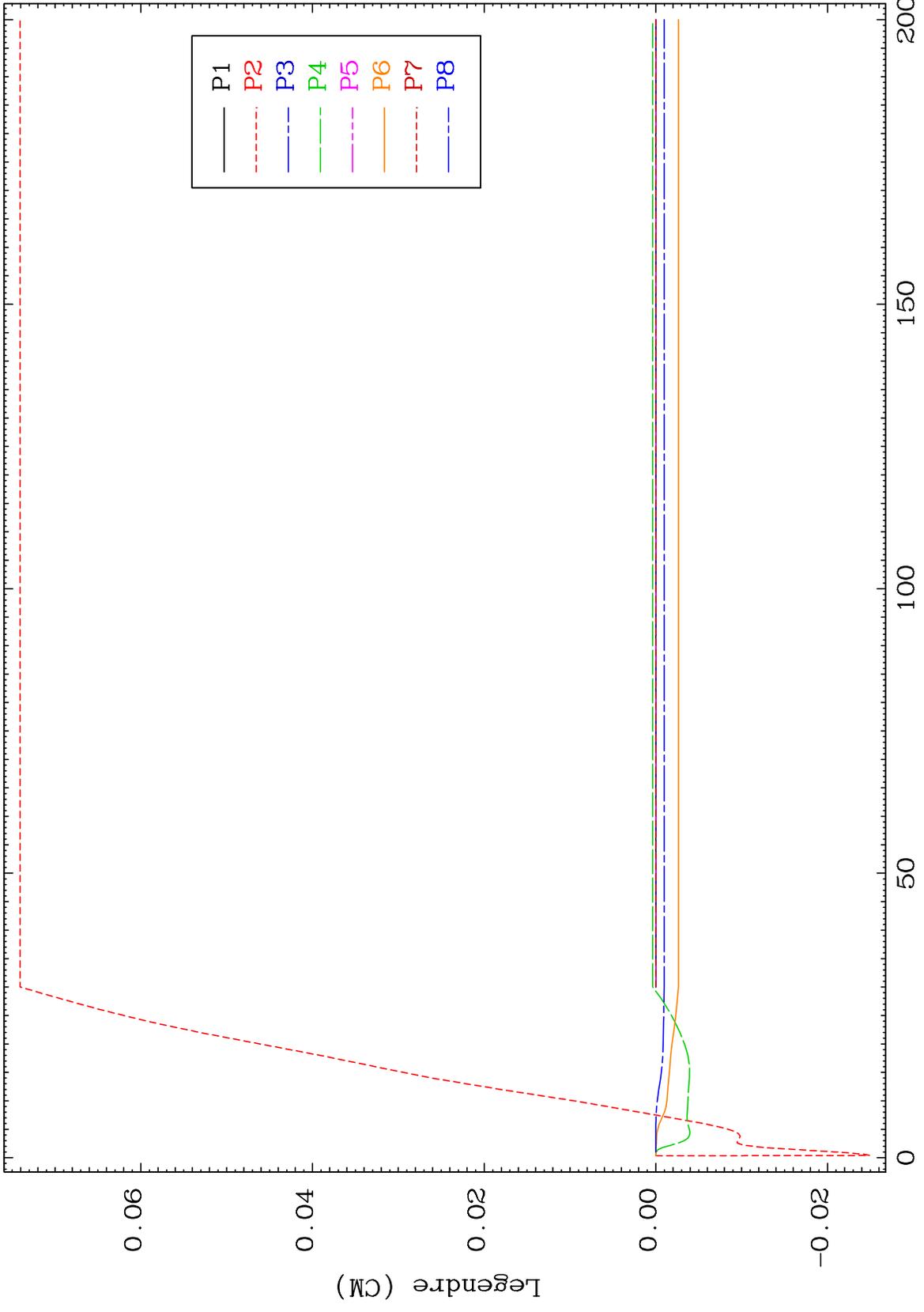


29

Incident Energy (MeV)

39-Y -80

MAT 3898 MT= 54 (n,n') Level Legendre Coefficients 39-Y -80

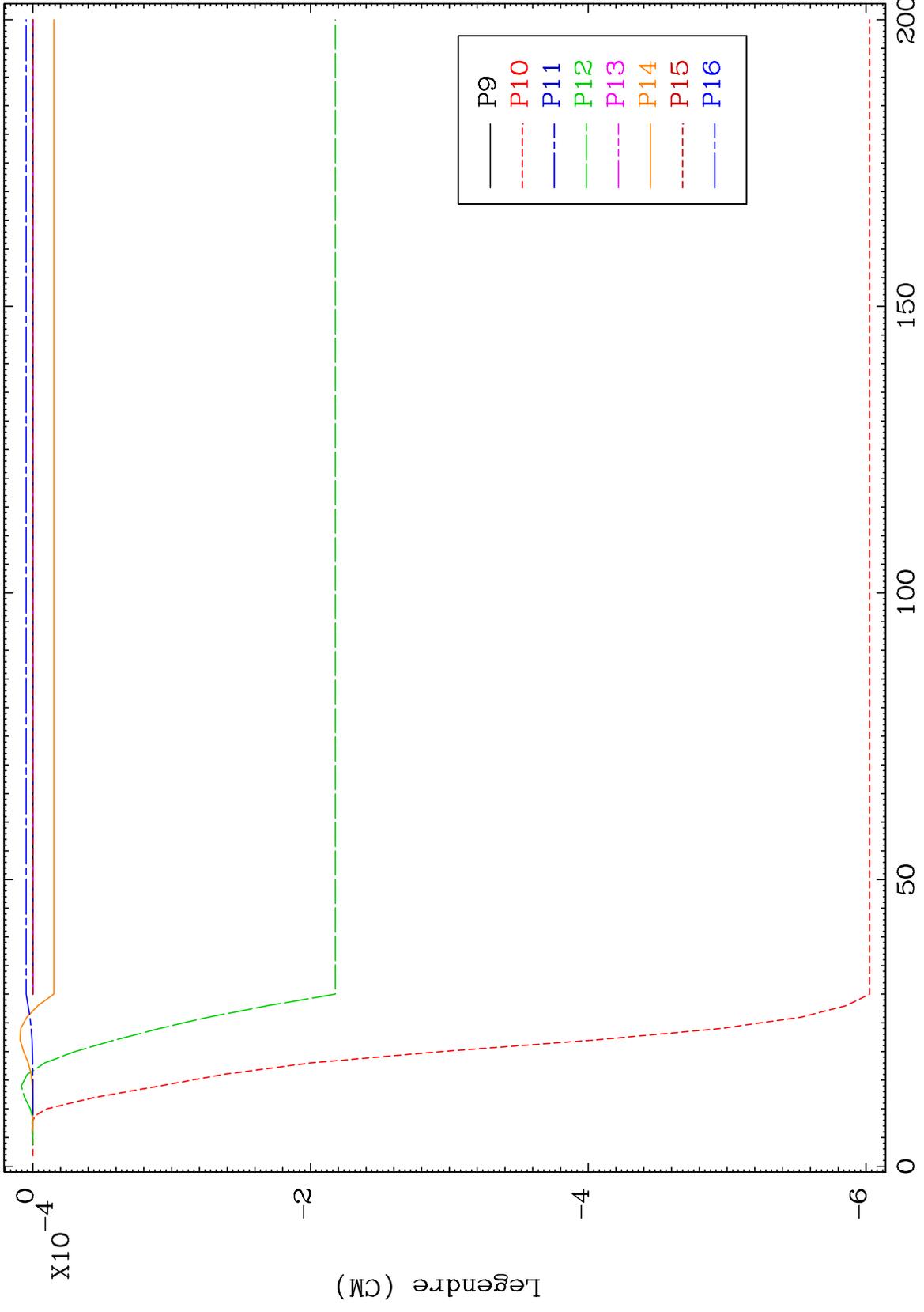


39-Y -80

MAT 3898 MT= 54 (n,n') Level

Legendre Coefficients

39-Y -80

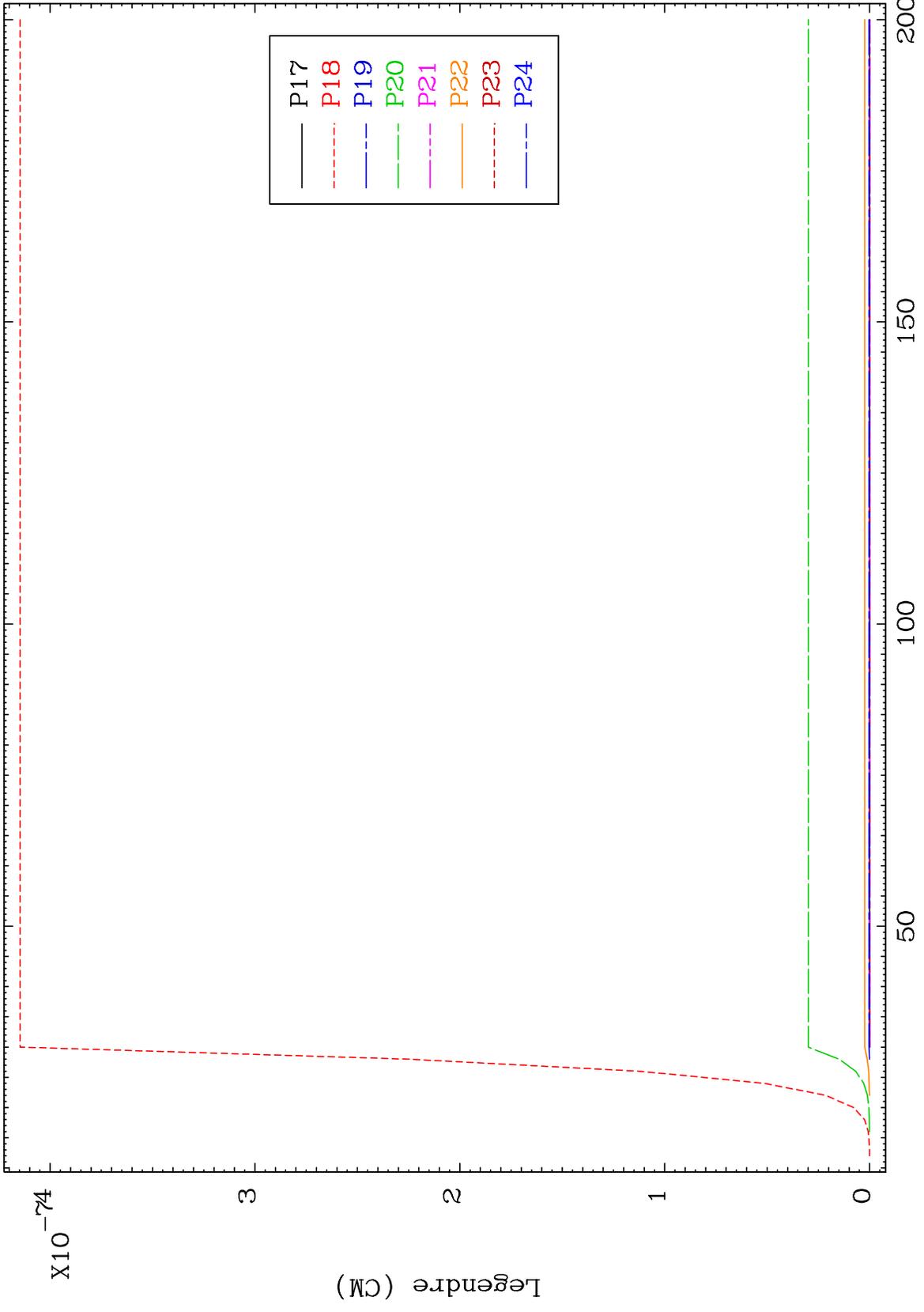


39-Y -80

Incident Energy (MeV)

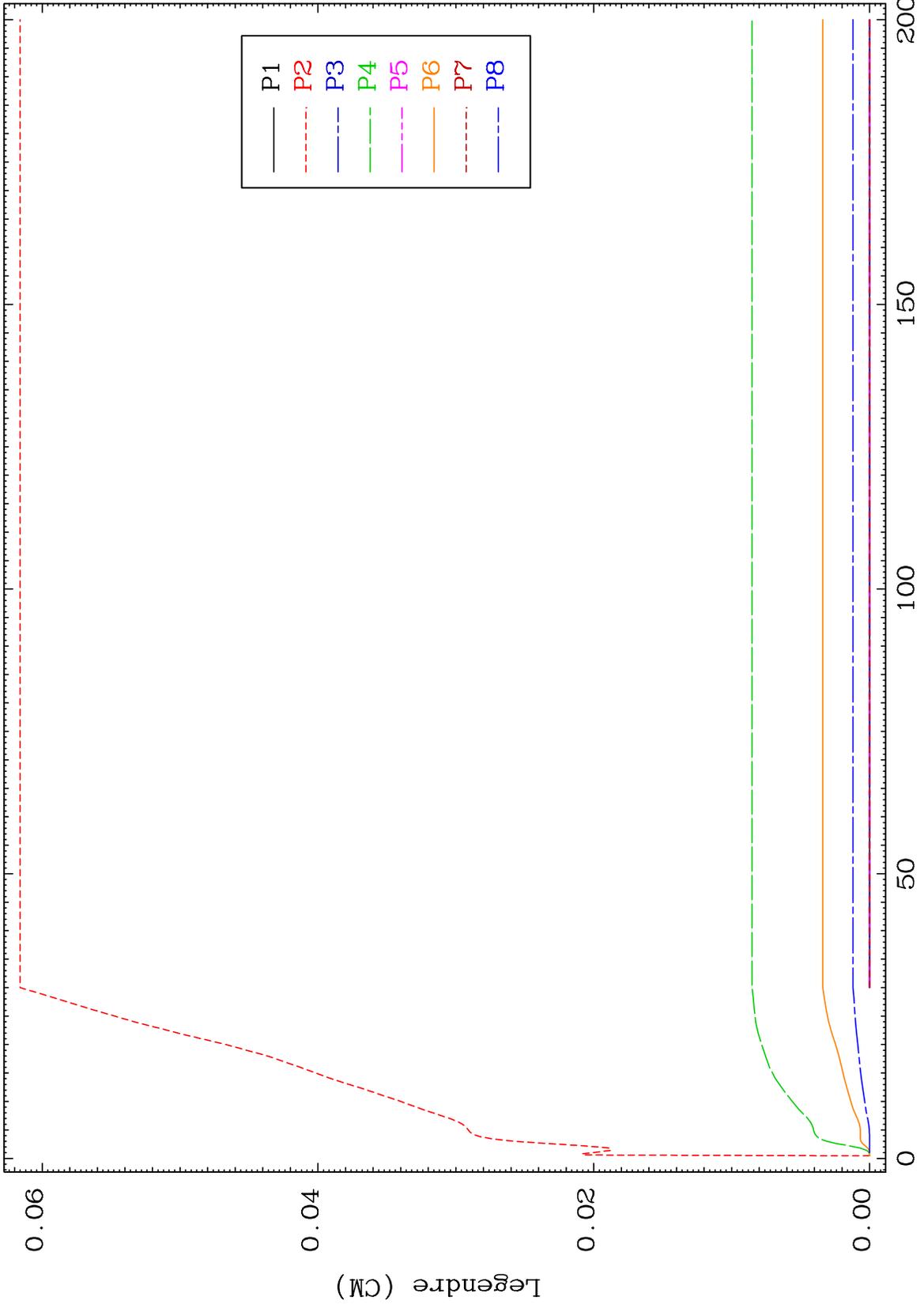
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MAT 3898 MT= 54 (n,n') Level Legendre Coefficients 39-Y -80



32 50 100 150 200 39-Y -80

MAT 3898 MT= 55 (n,n') Level Legendre Coefficients

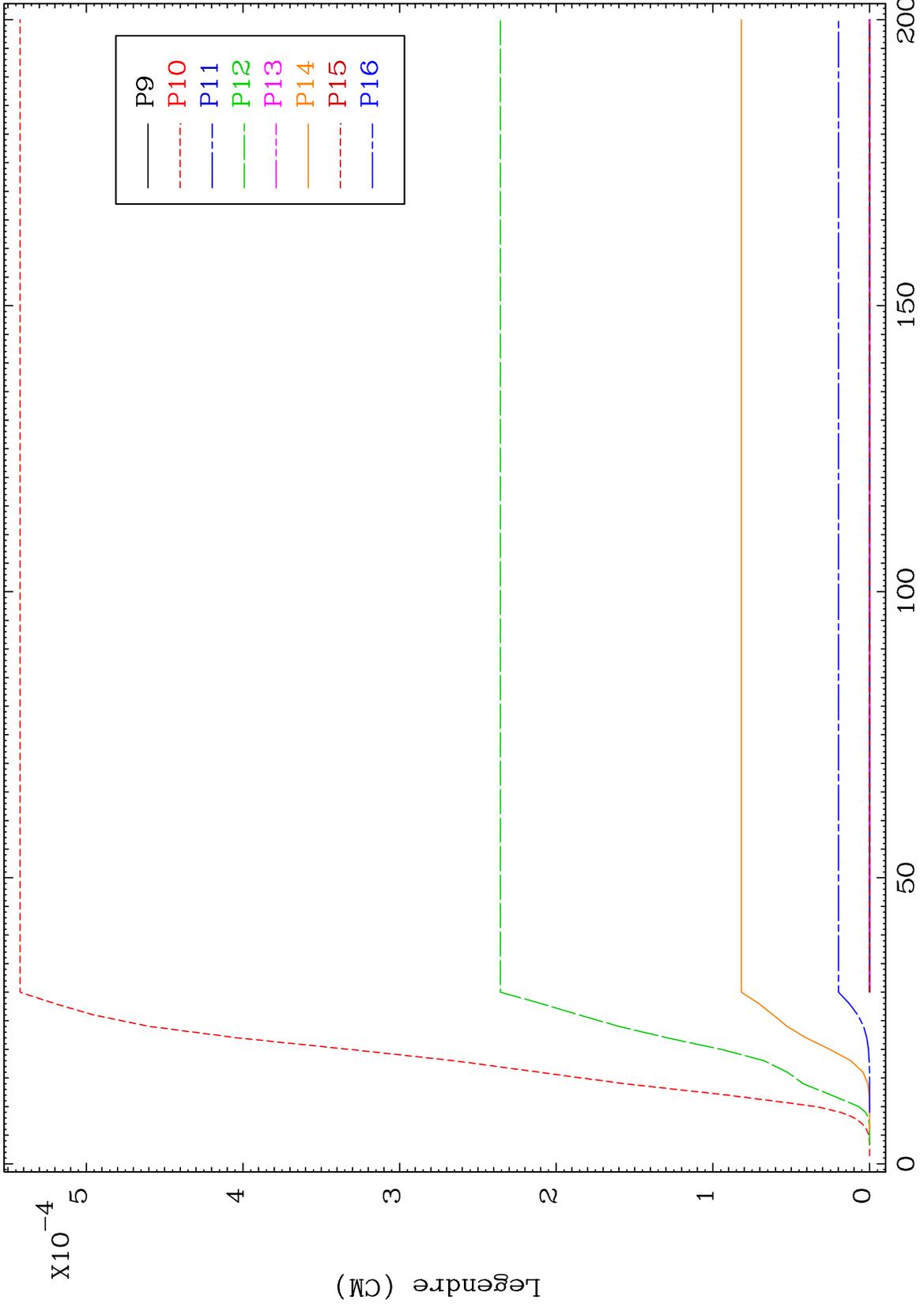


33 Incident Energy (MeV) 39-Y -80

MAT 3898

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

39-Y -80

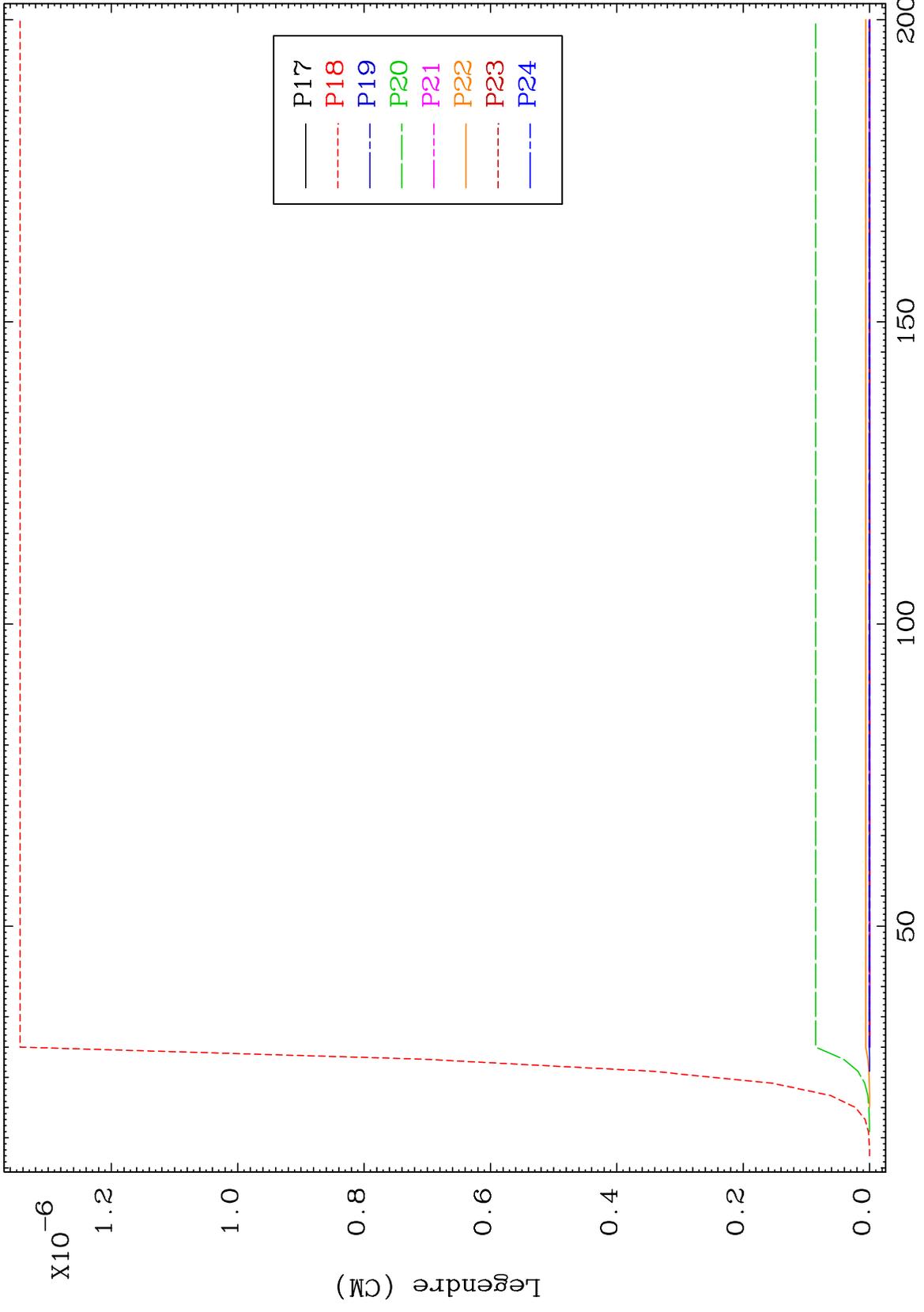


34

Incident Energy (MeV)

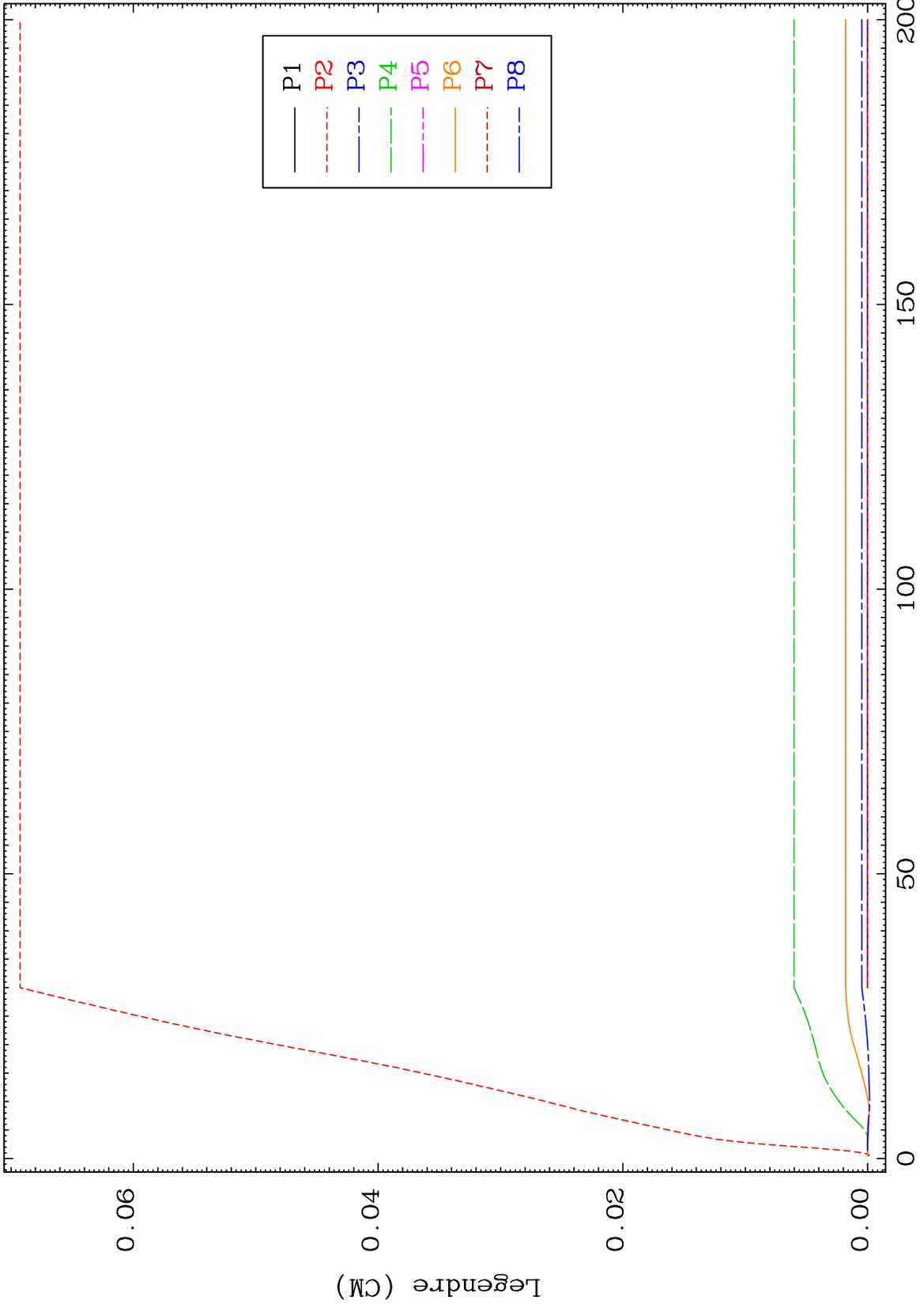
39-Y -80

MAT 3898 MT= 55 (n,n') Level Legendre Coefficients 39-Y -80



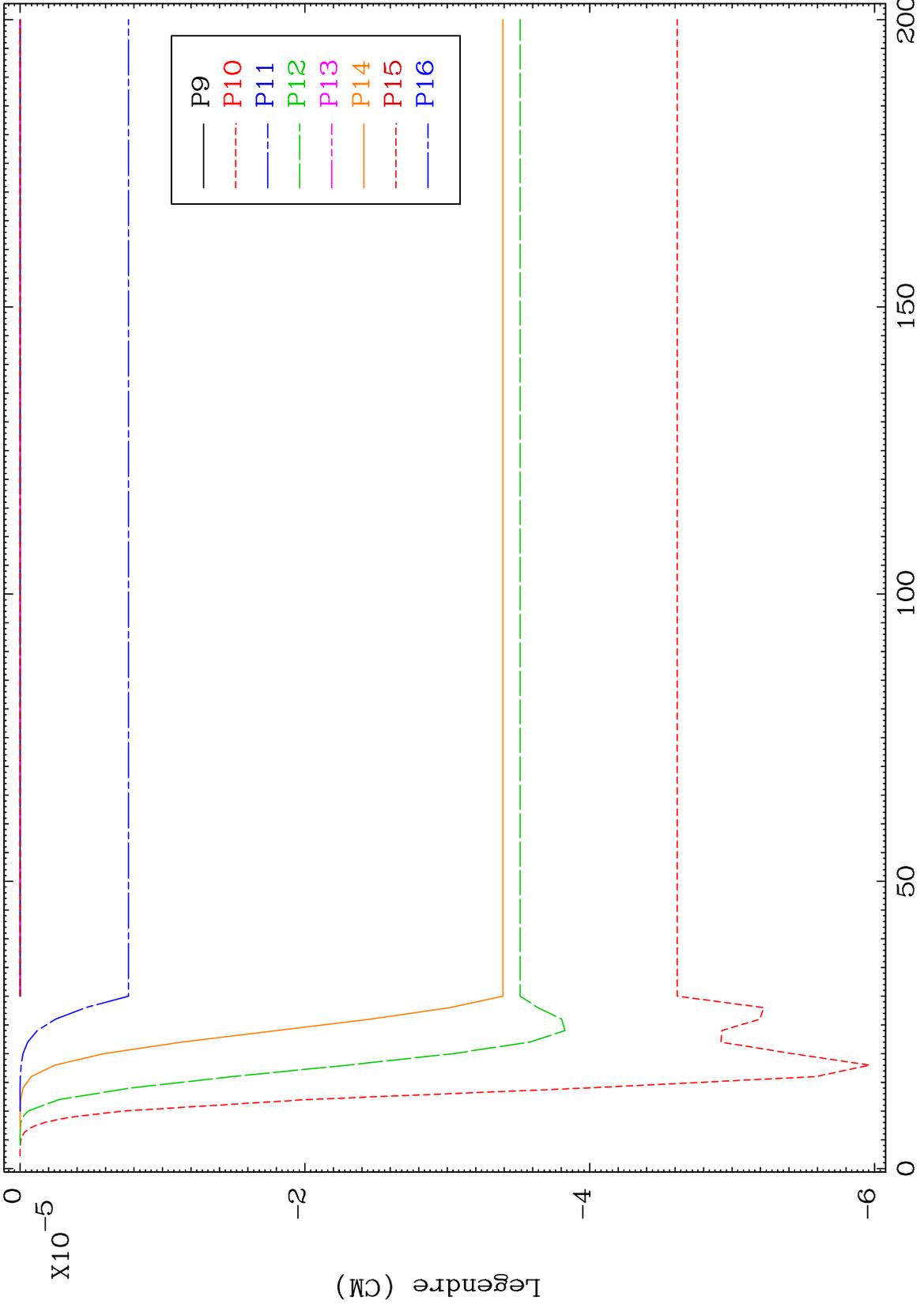
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MAT 3898 MT= 56 (n,n') Level Legendre Coefficients 39-Y -80



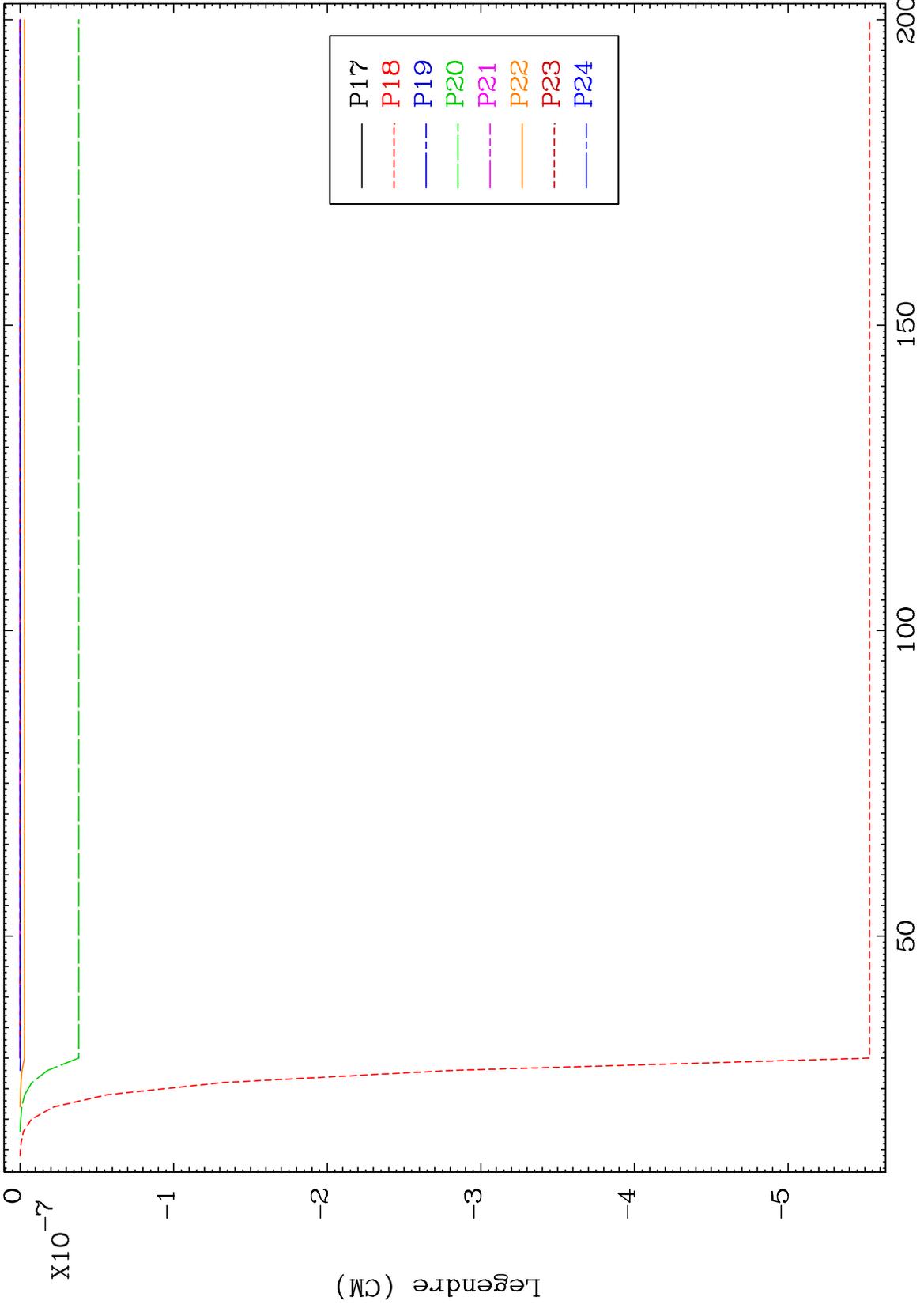
36 Incident Energy (MeV) 39-Y -80

MAT 3898 MT= 56 (n,n') Level Legendre Coefficients 39-Y -80



37 39-Y -80

MAT 3898 MT= 56 (n,n') Level Legendre Coefficients 39-Y -80

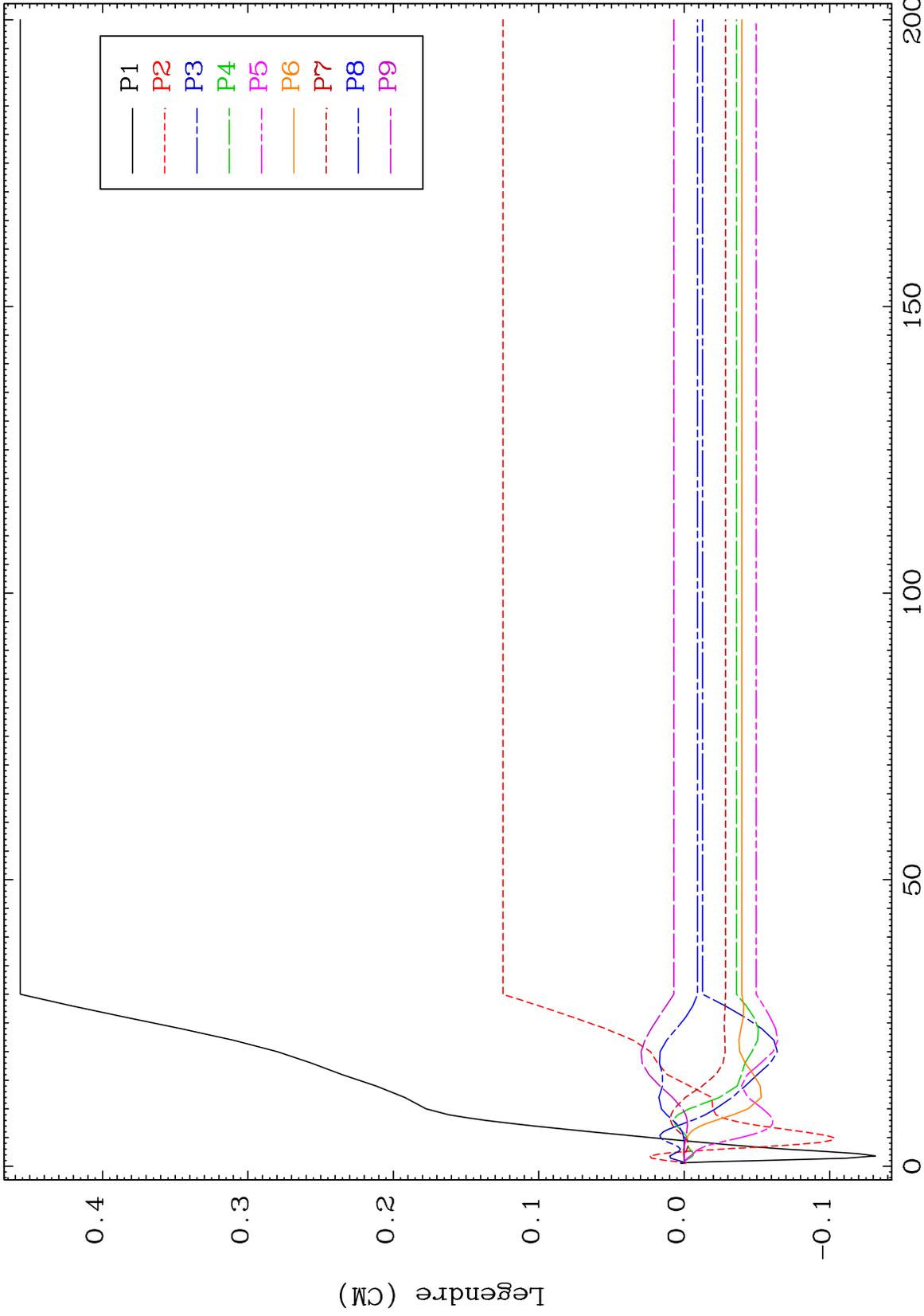


38 Incident Energy (MeV) 39-Y -80

MAT 3898

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

39-Y -80



39

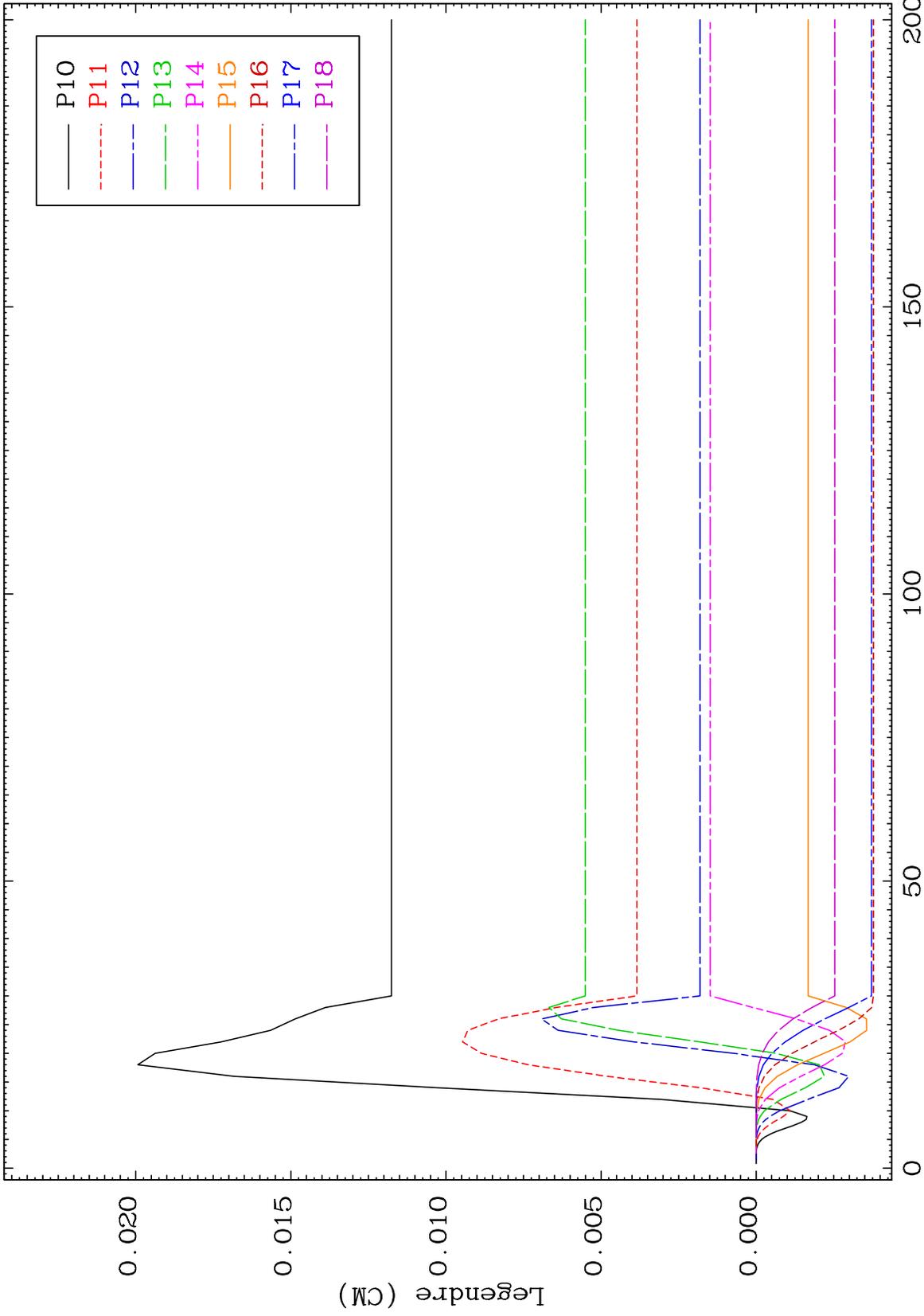
Incident Energy (MeV)

39-Y -80

MAT 3898

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

39-Y -80

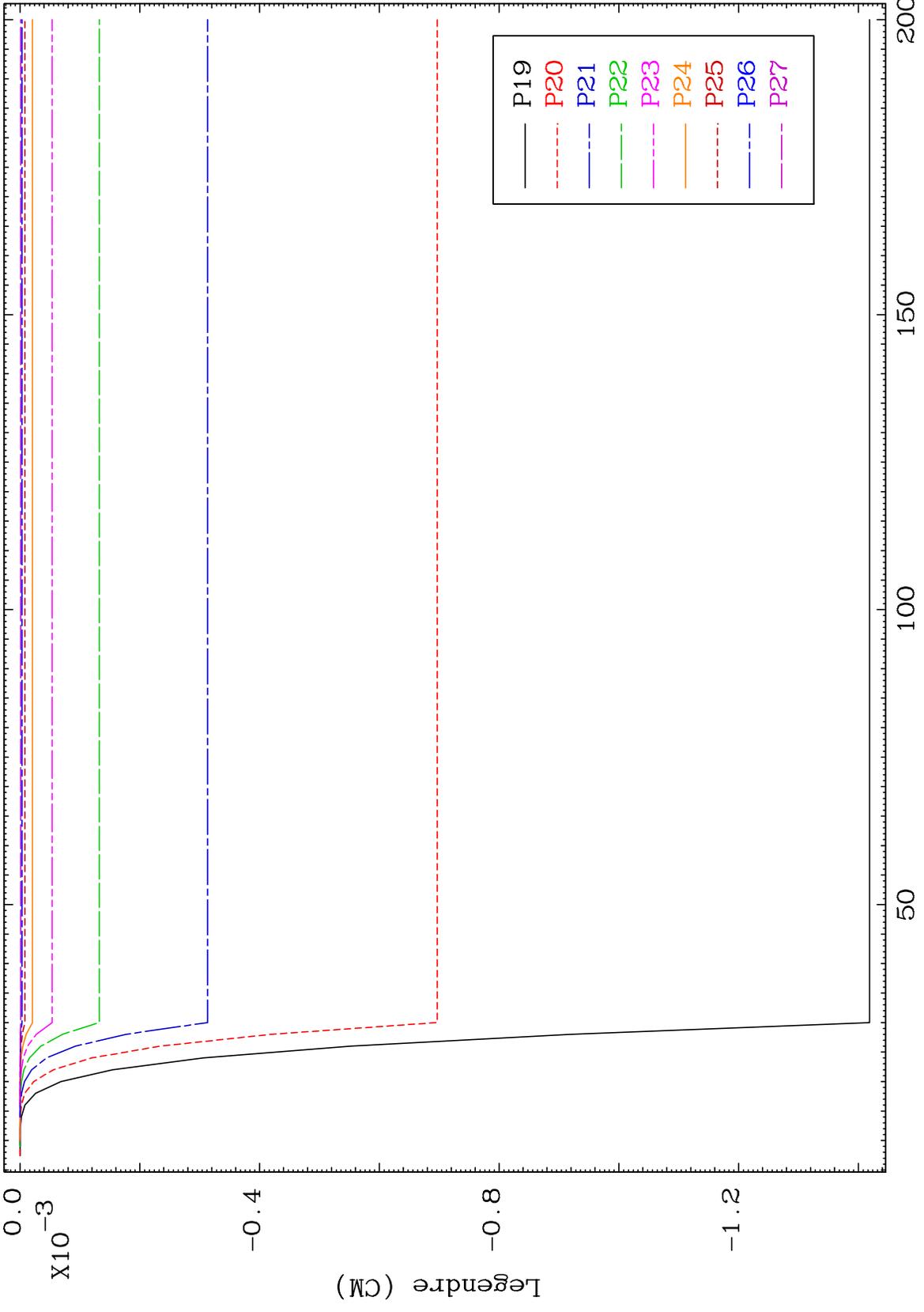


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Incident Energy (MeV)

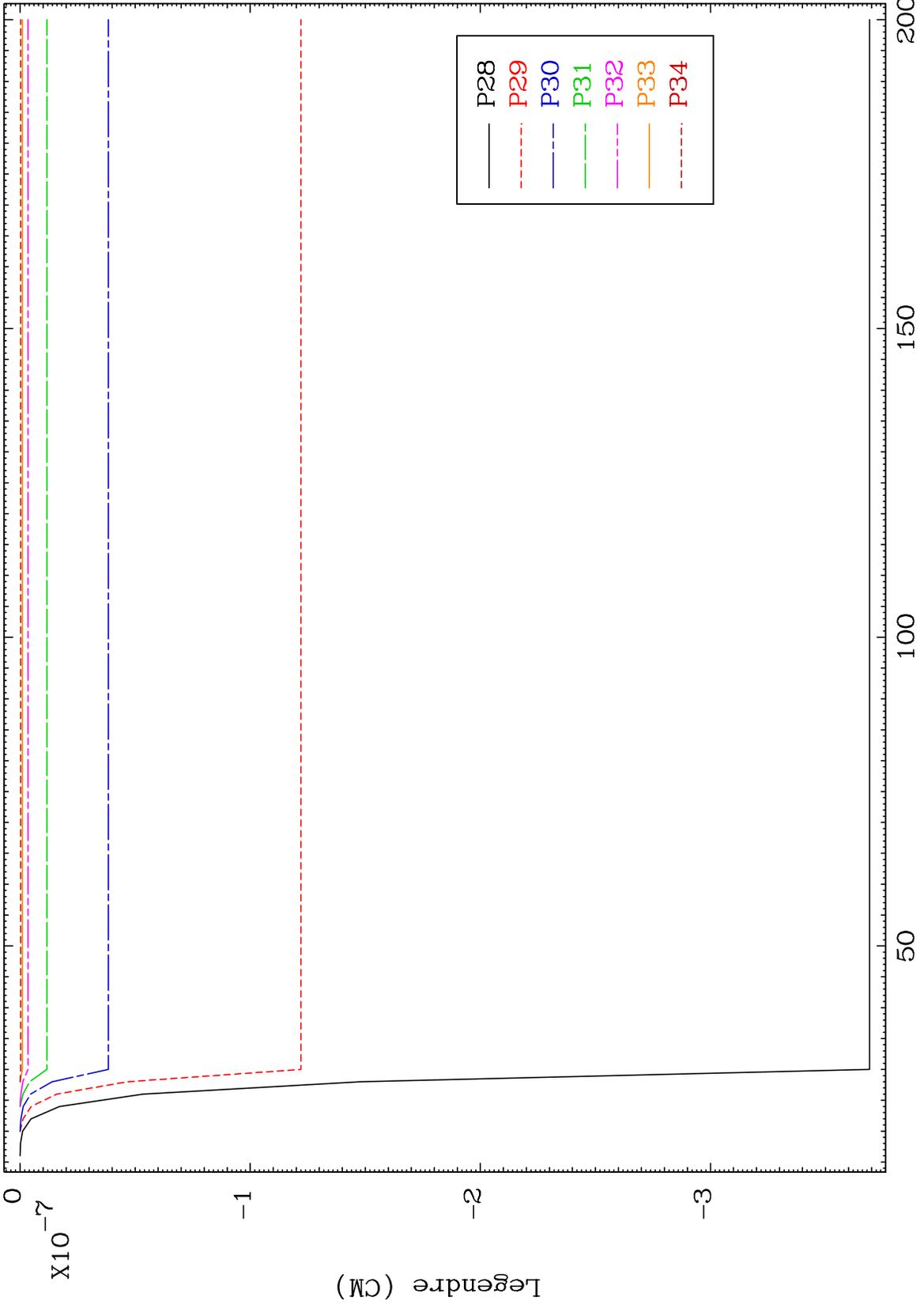
39-Y -80

MAT 3898 MT= 57 (n,n') Level Legendre Coefficients 39-Y -80



41 Incident Energy (MeV) 39-Y -80

MAT 3898 MT= 57 (n,n') Level Legendre Coefficients 39-Y -80

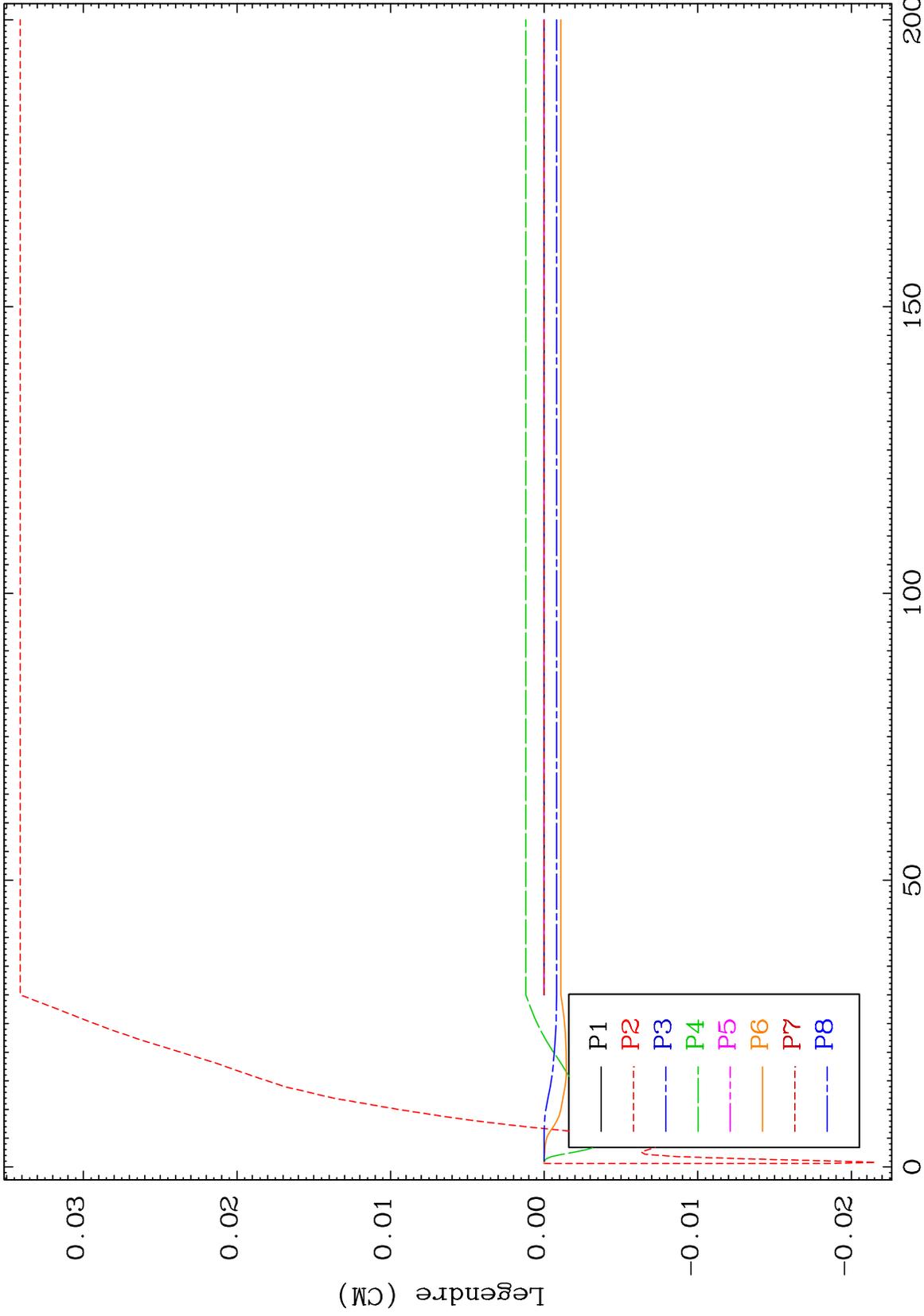


42 Incident Energy (MeV) 39-Y -80

MAT 3898

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

39-Y -80

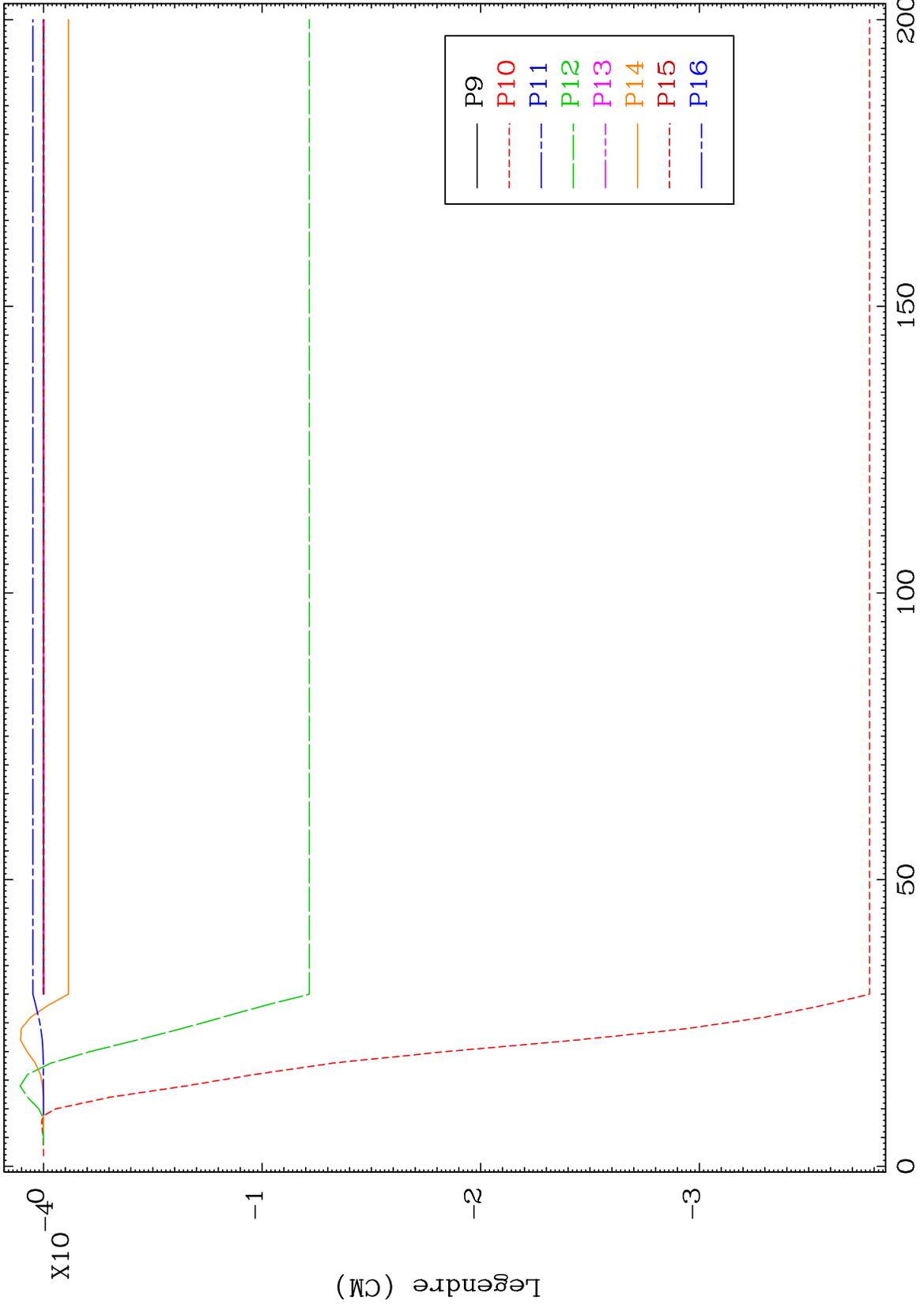


43

Incident Energy (MeV)

39-Y -80

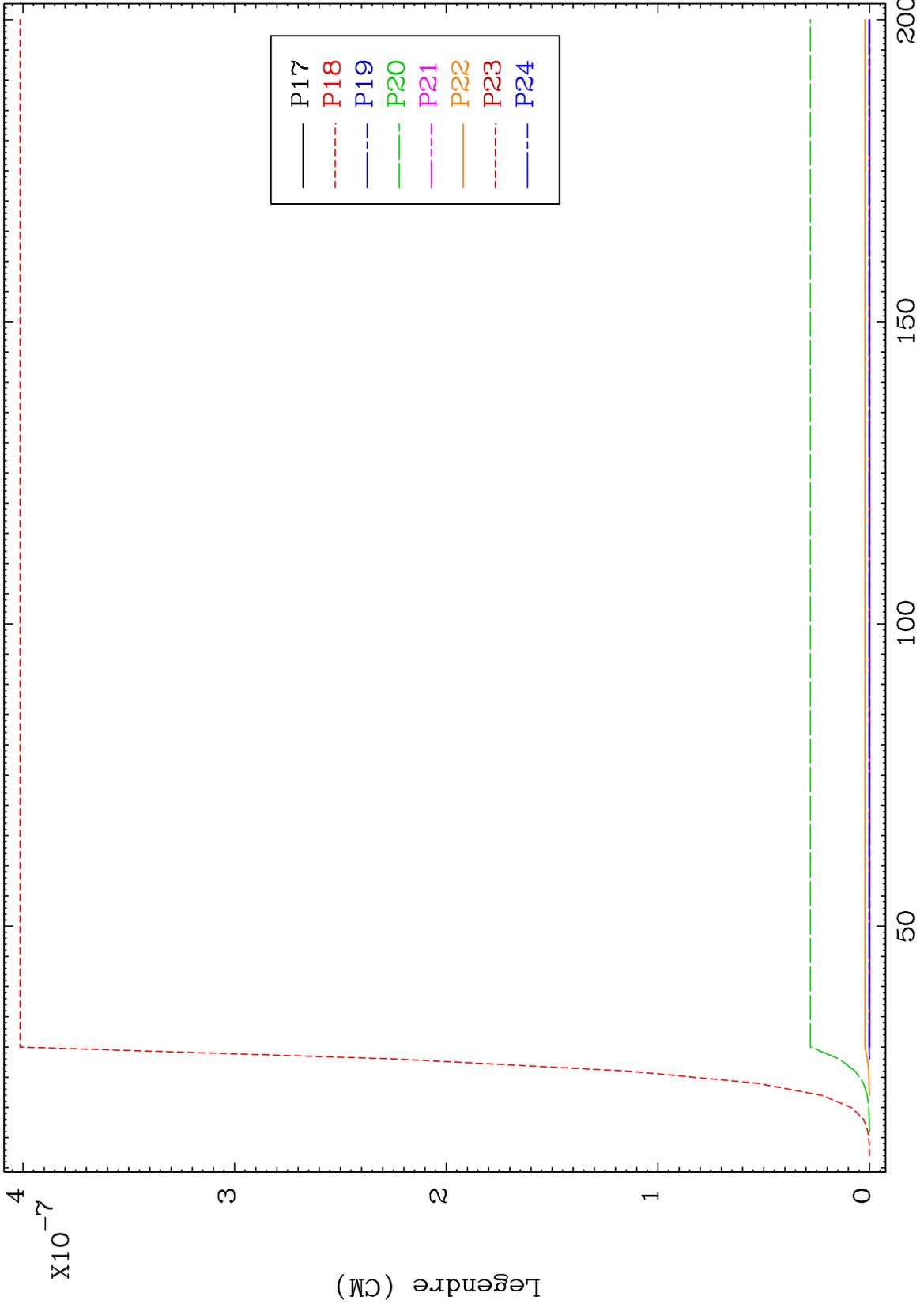
MAT 3898 MT= 58 (n,n') Level Legendre Coefficients 39-Y -80



44 39-Y -80

MAT 3898 MT= 58 (n,n') Level Legendre Coefficients

39-Y -80



39-Y -80

Incident Energy (MeV)

45

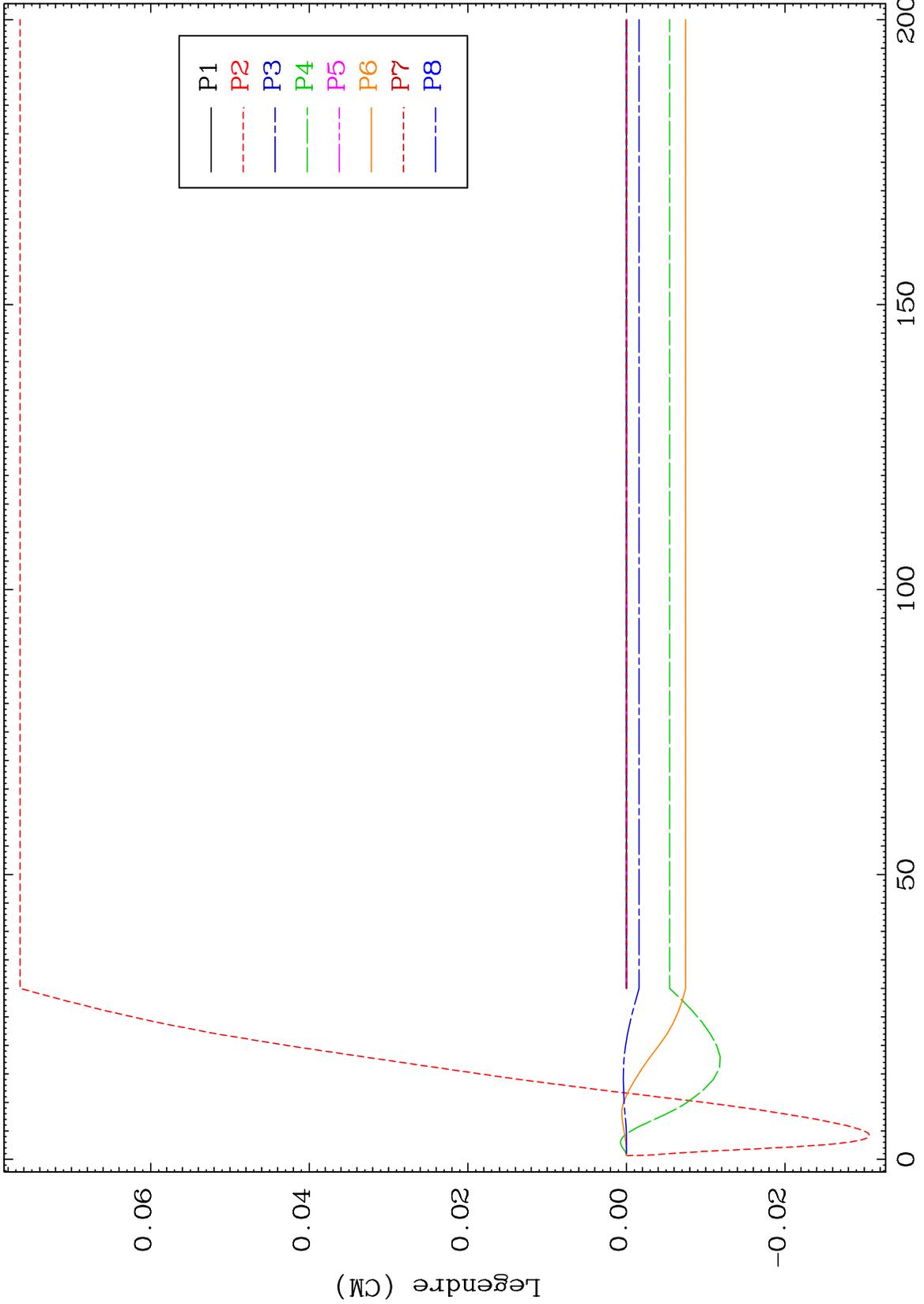
MAT 3898 MT= 59 (n,n') Level Legendre Coefficients

39-Y -80

39-Y -80

Incident Energy (MeV)

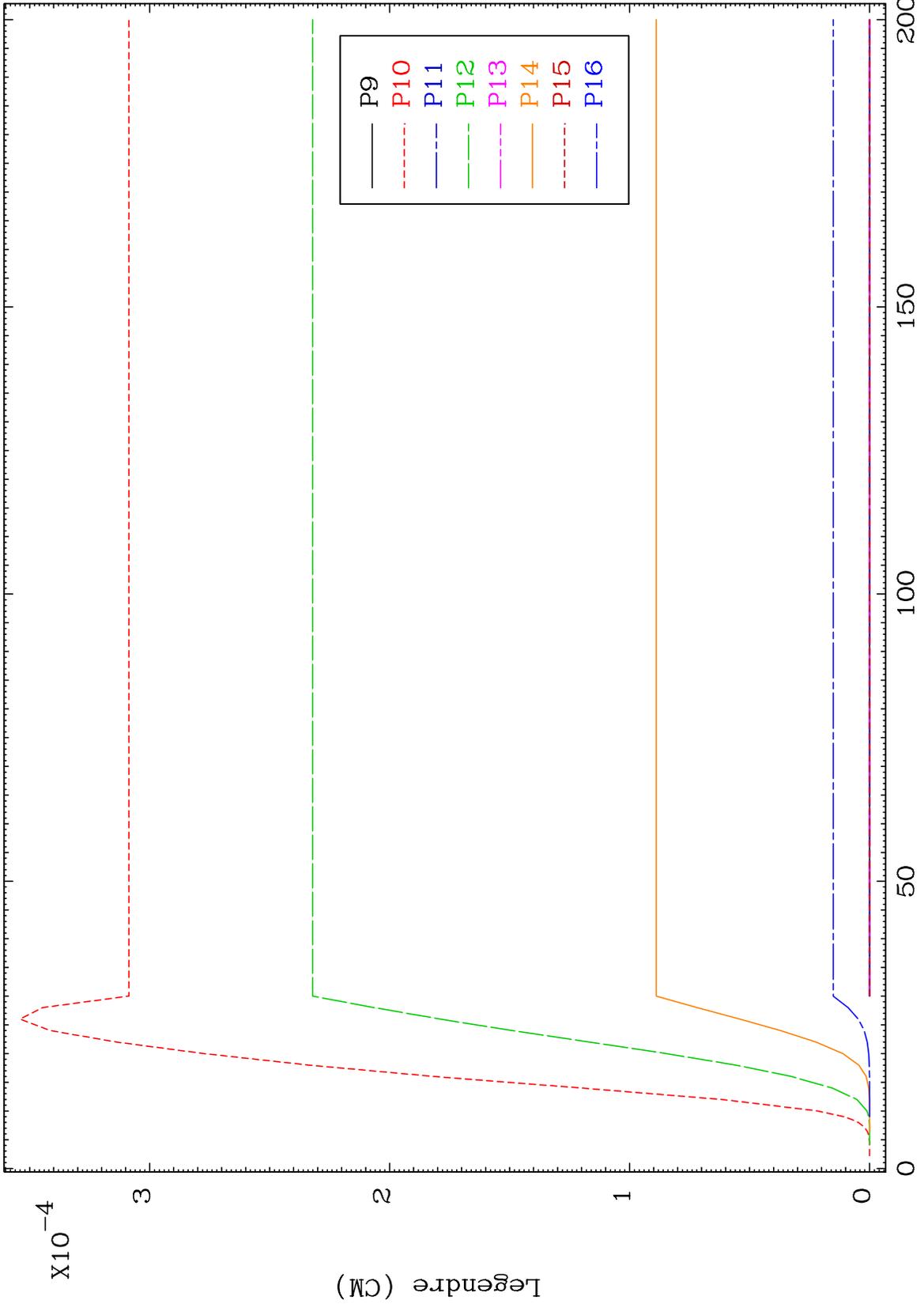
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MAT 3898

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

39-Y -80

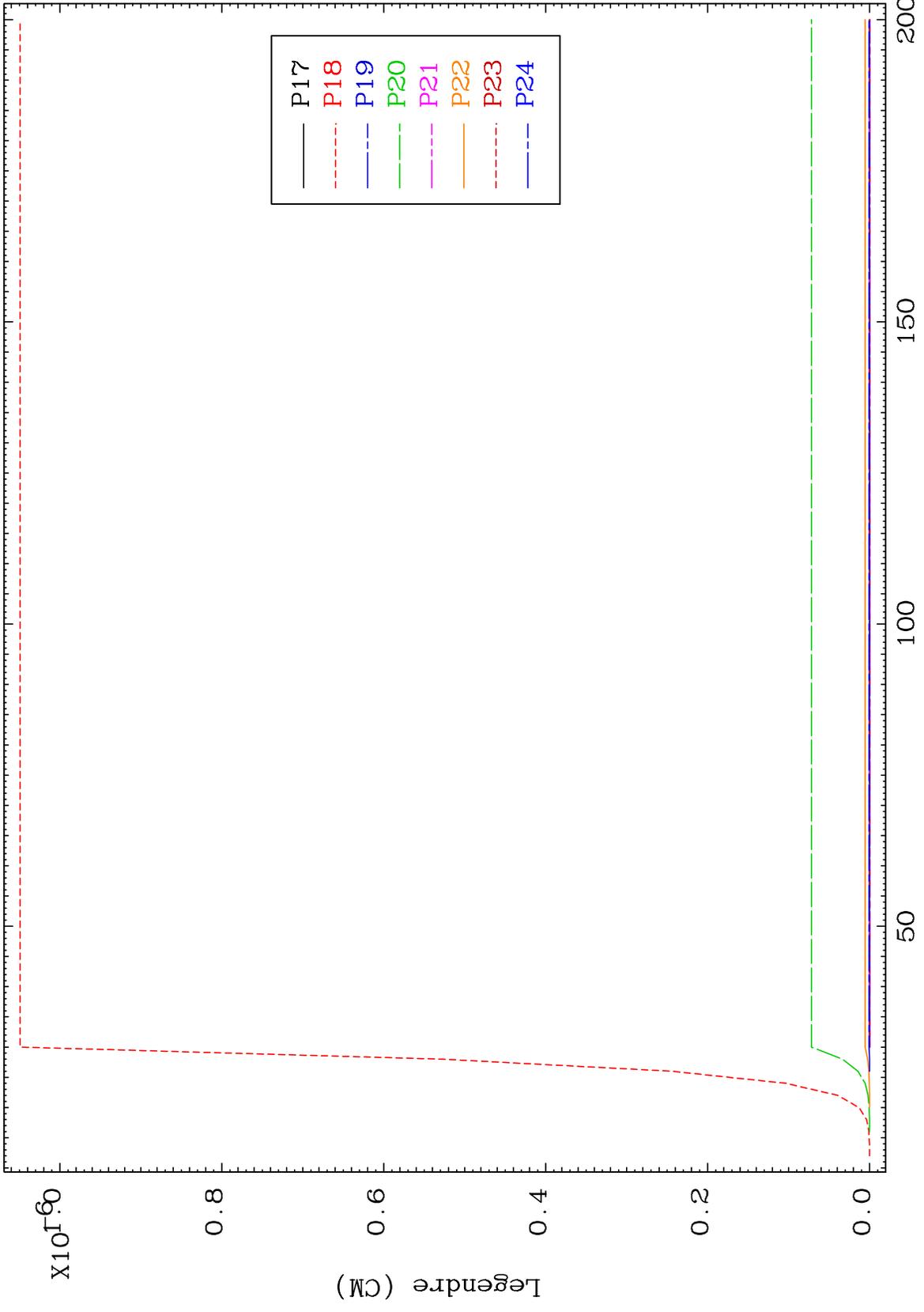


47

Incident Energy (MeV)

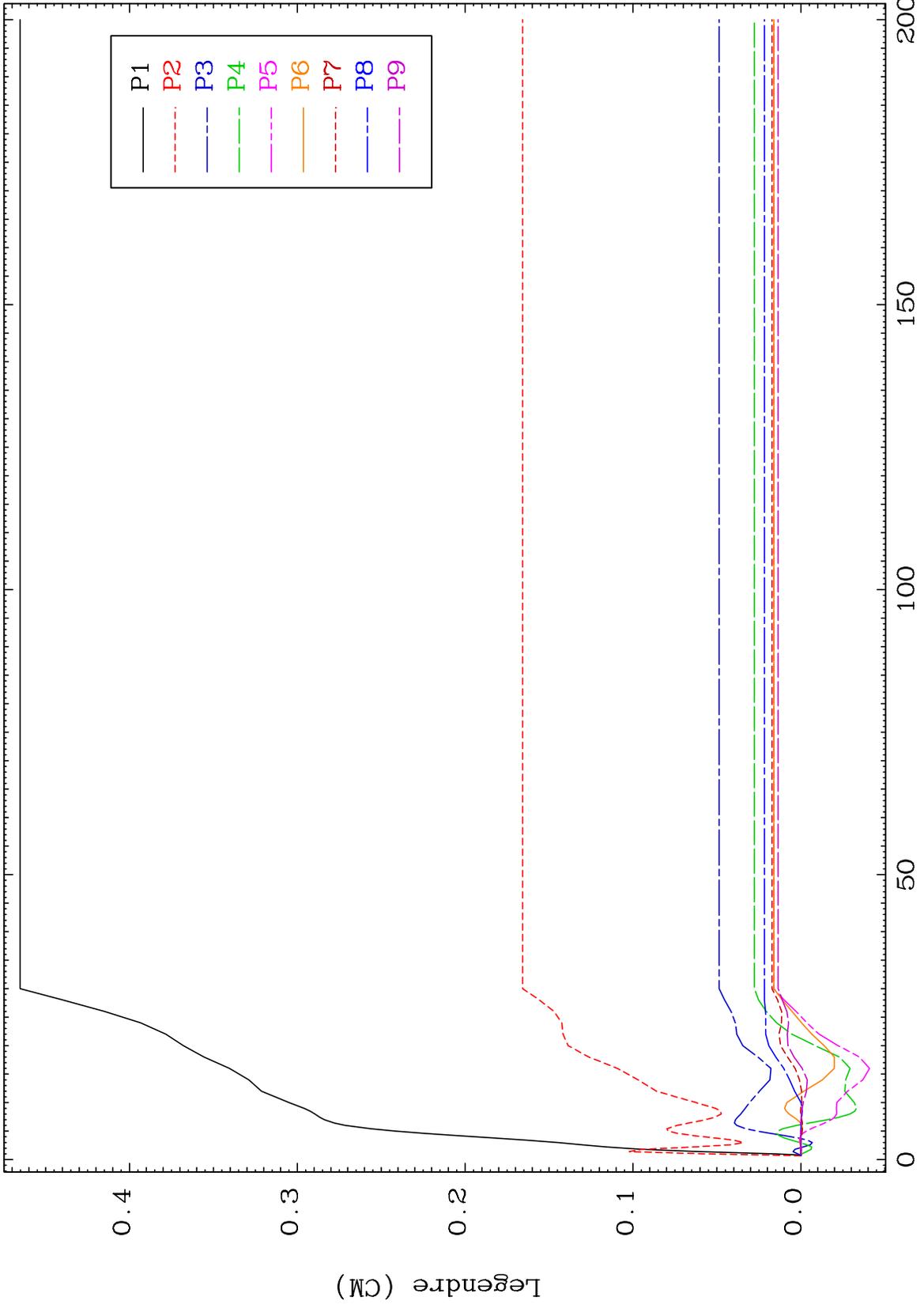
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MAT 3898 MT= 59 (n,n') Level Legendre Coefficients 39-Y -80

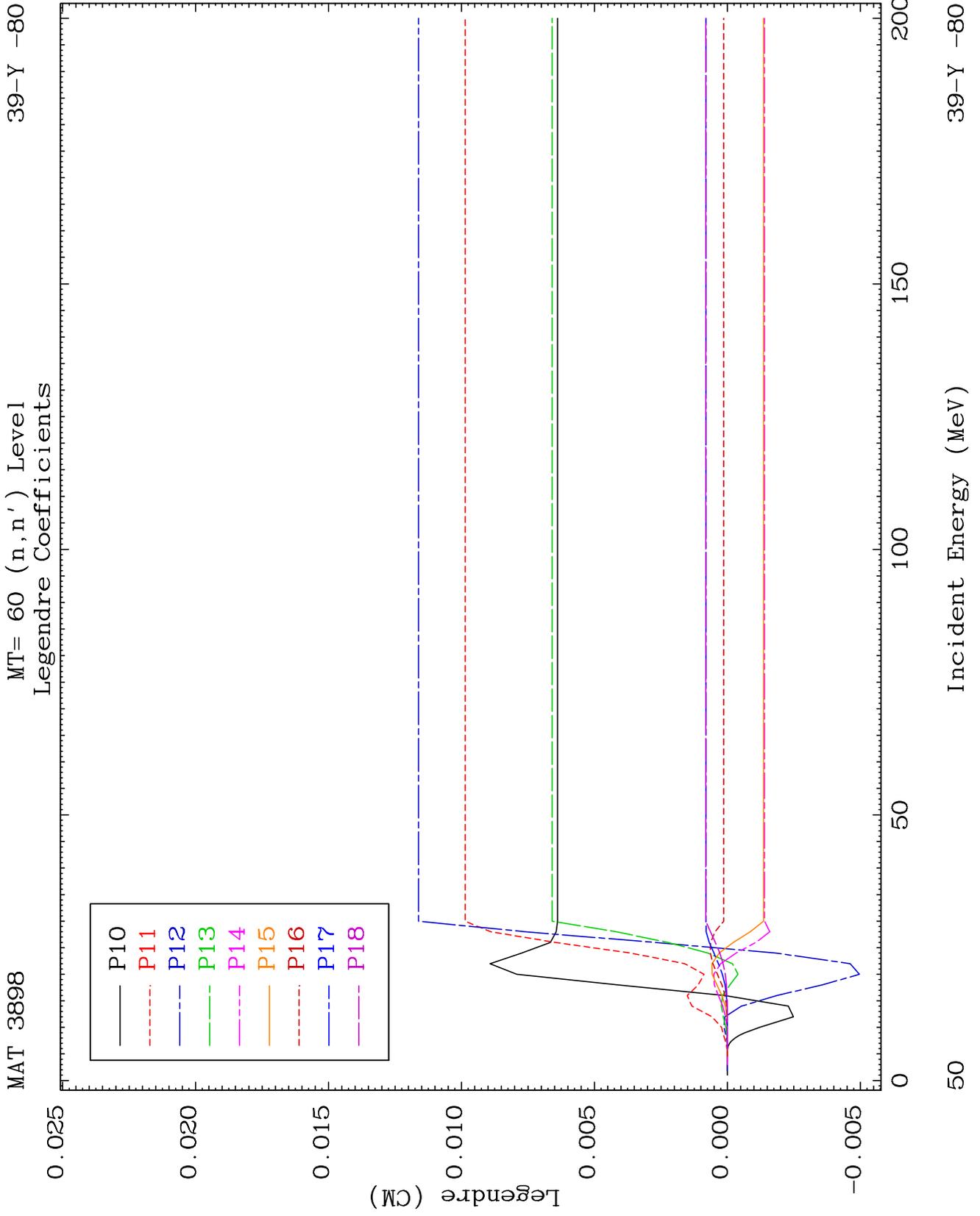


48 Incident Energy (MeV) 39-Y -80

MAT 3898 MT= 60 (n,n') Level Legendre Coefficients 39-Y -80



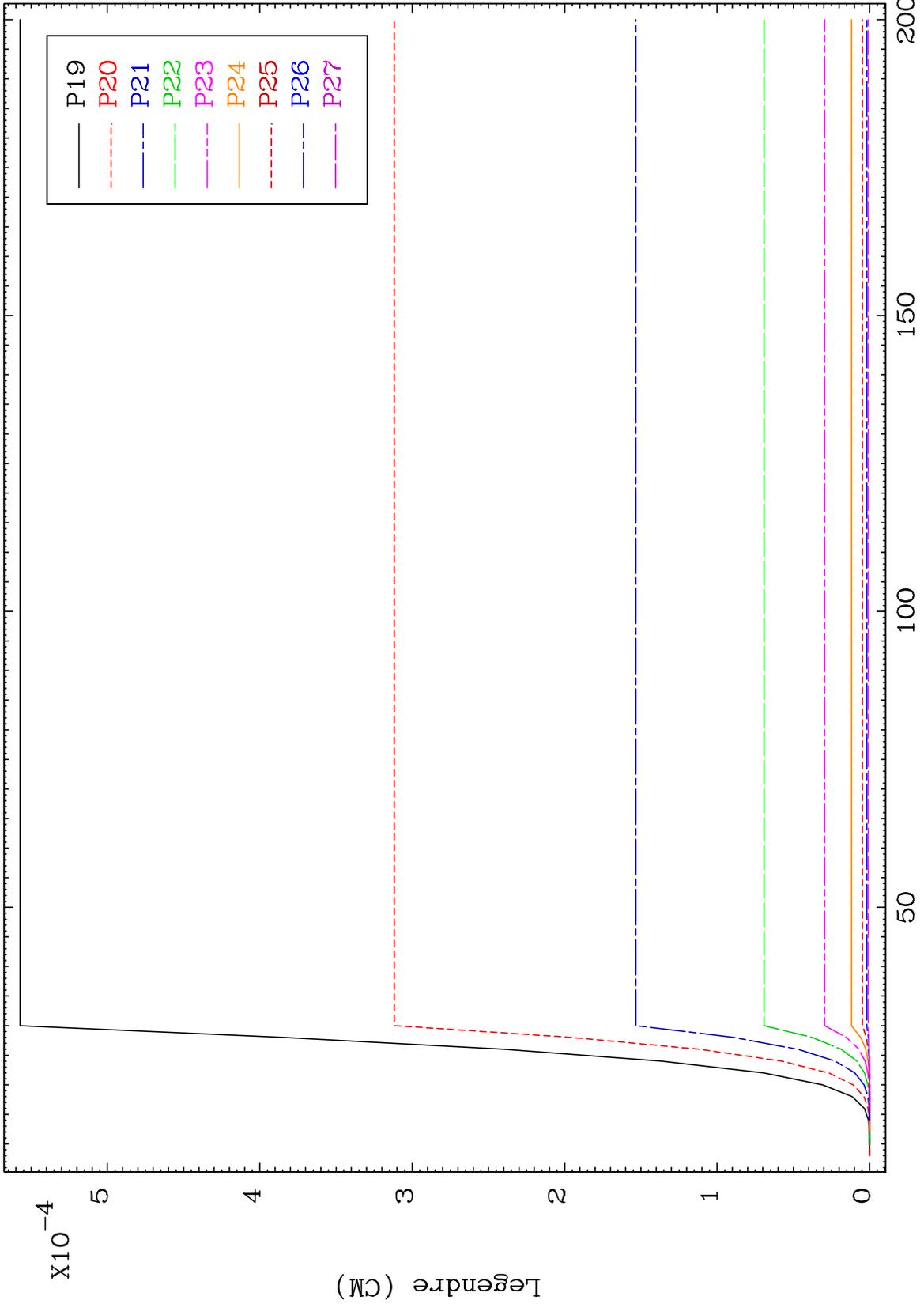
49 39-Y -80



MAT 3898

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

39-Y -80



51

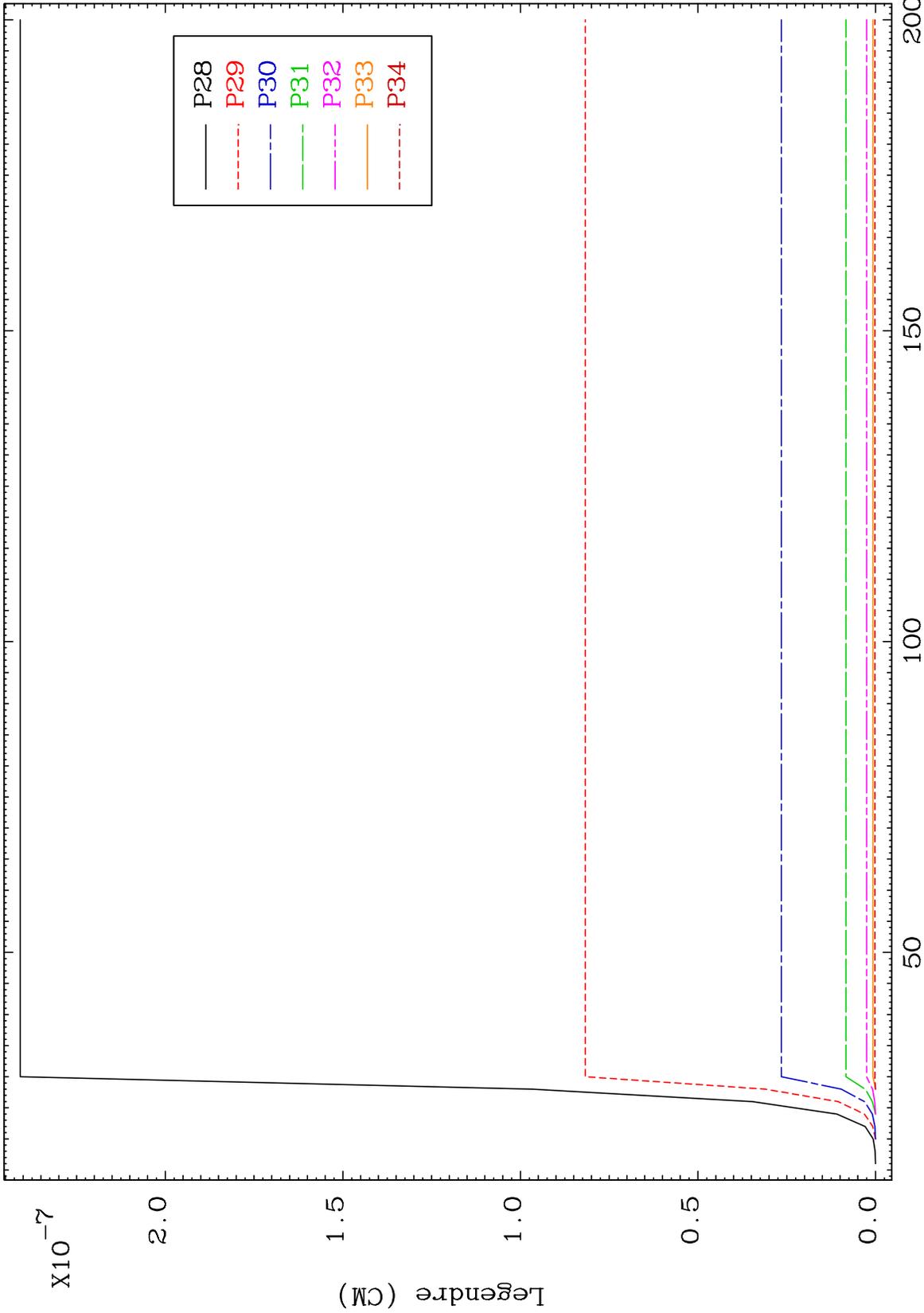
Incident Energy (MeV)

39-Y -80

MAT 3898

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

39-Y -80



52

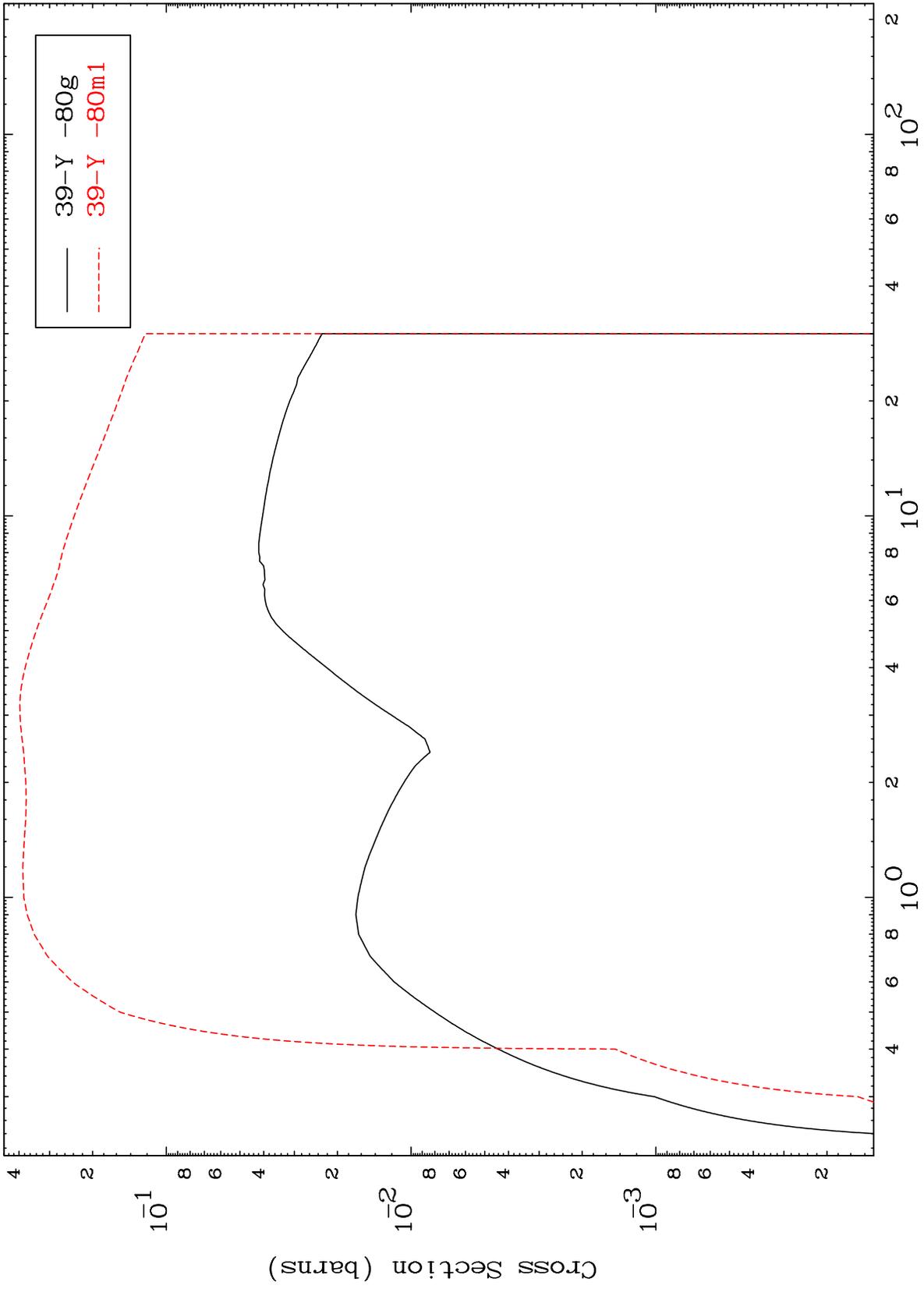
Incident Energy (MeV)

39-Y -80

MAT 3898

39-Y -80

Inelastic  
Radionuclide Production Cross Section



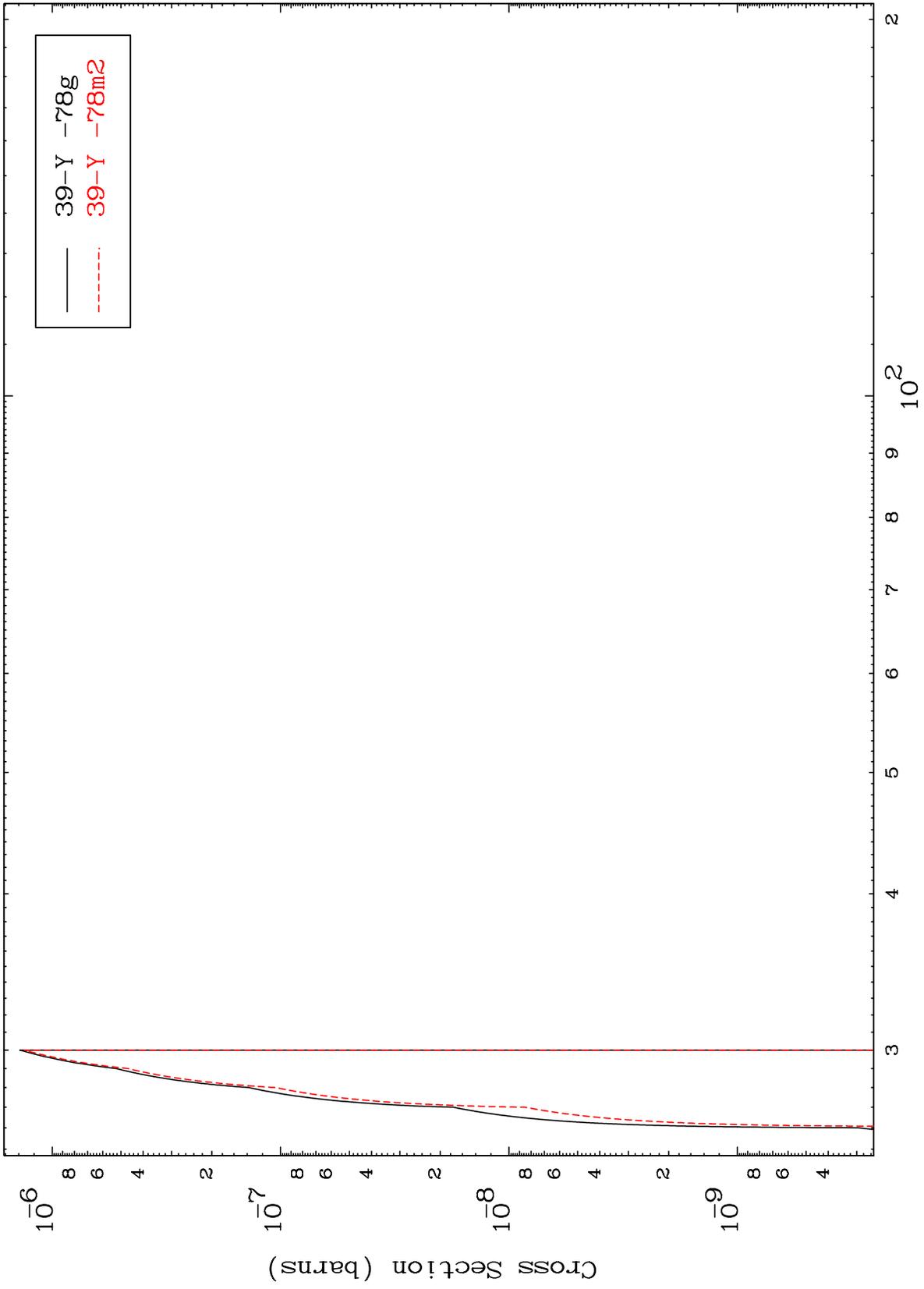
53

39-Y -80

MAT 3898

39-Y -80

(n,3n)  
Radionuclide Production Cross Section



54

39-Y -80

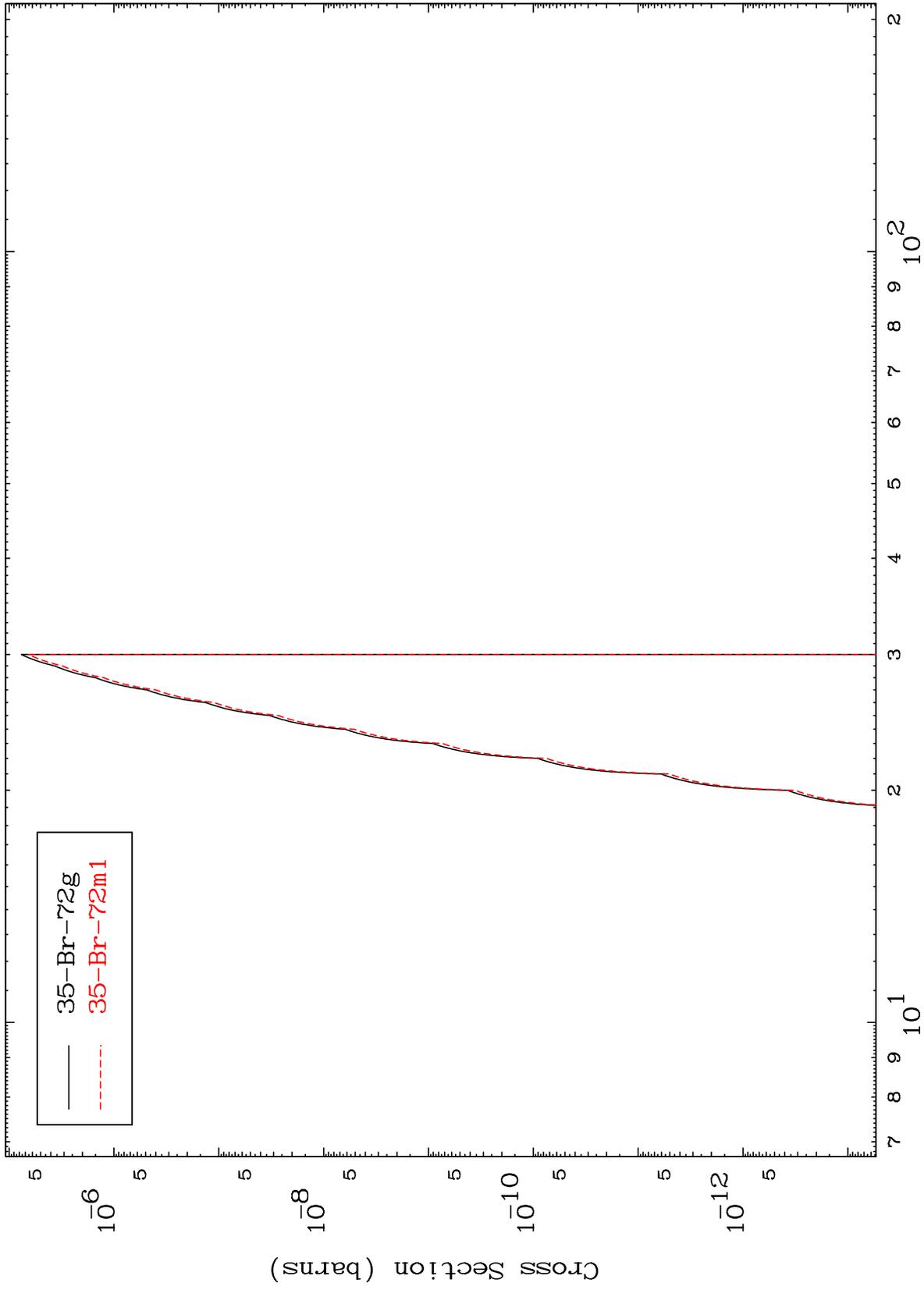
Incident Energy (MeV)

MAT 3898

(n,n') 2α

39-Y -80

Radionuclide Production Cross Section



— 35-Br-72g  
- - - 35-Br-72m1

55

Incident Energy (MeV)

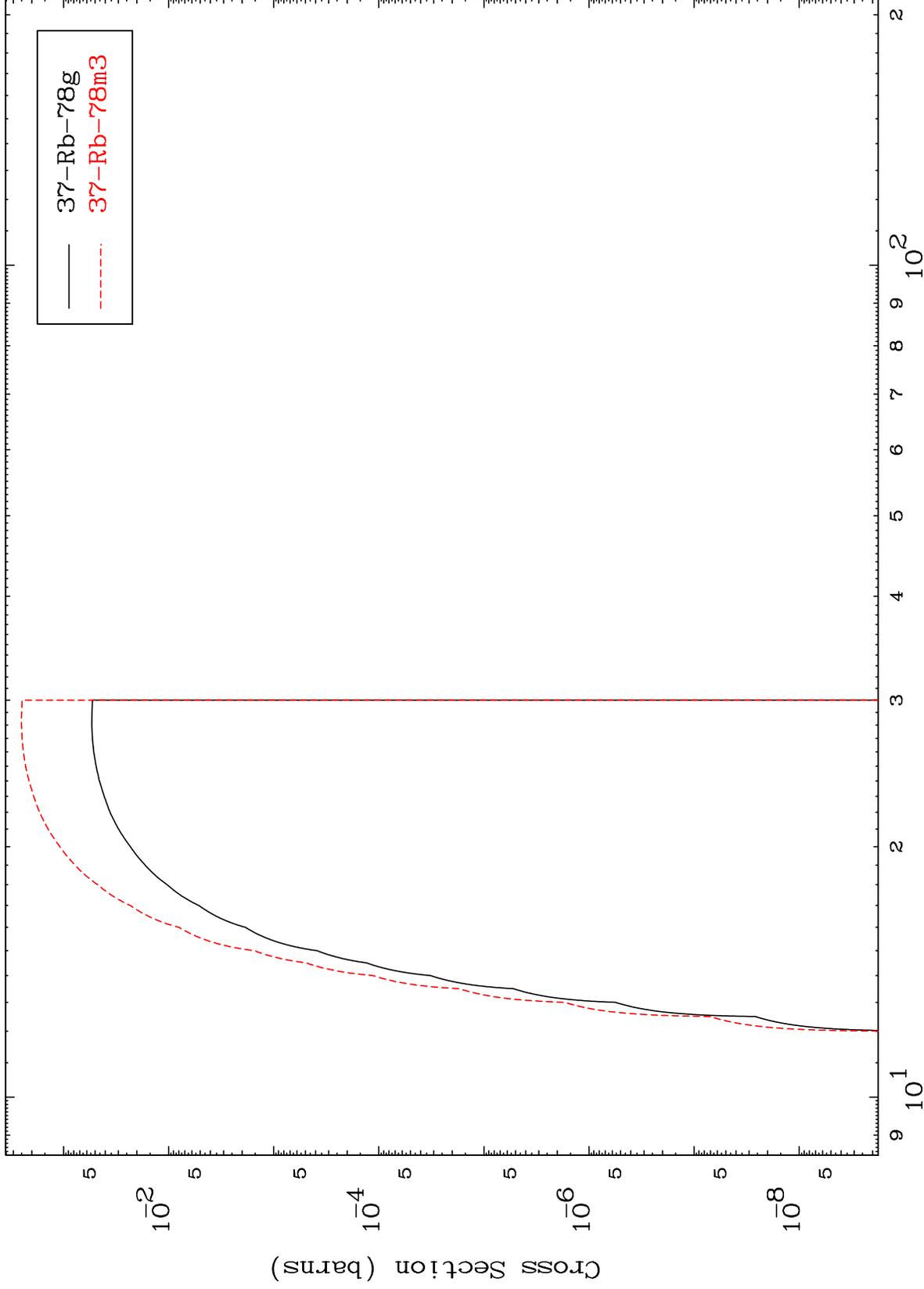
39-Y -80

MAT 3898

(n,2n) p

39-Y -80

Radionuclide Production Cross Section



56

Incident Energy (MeV)

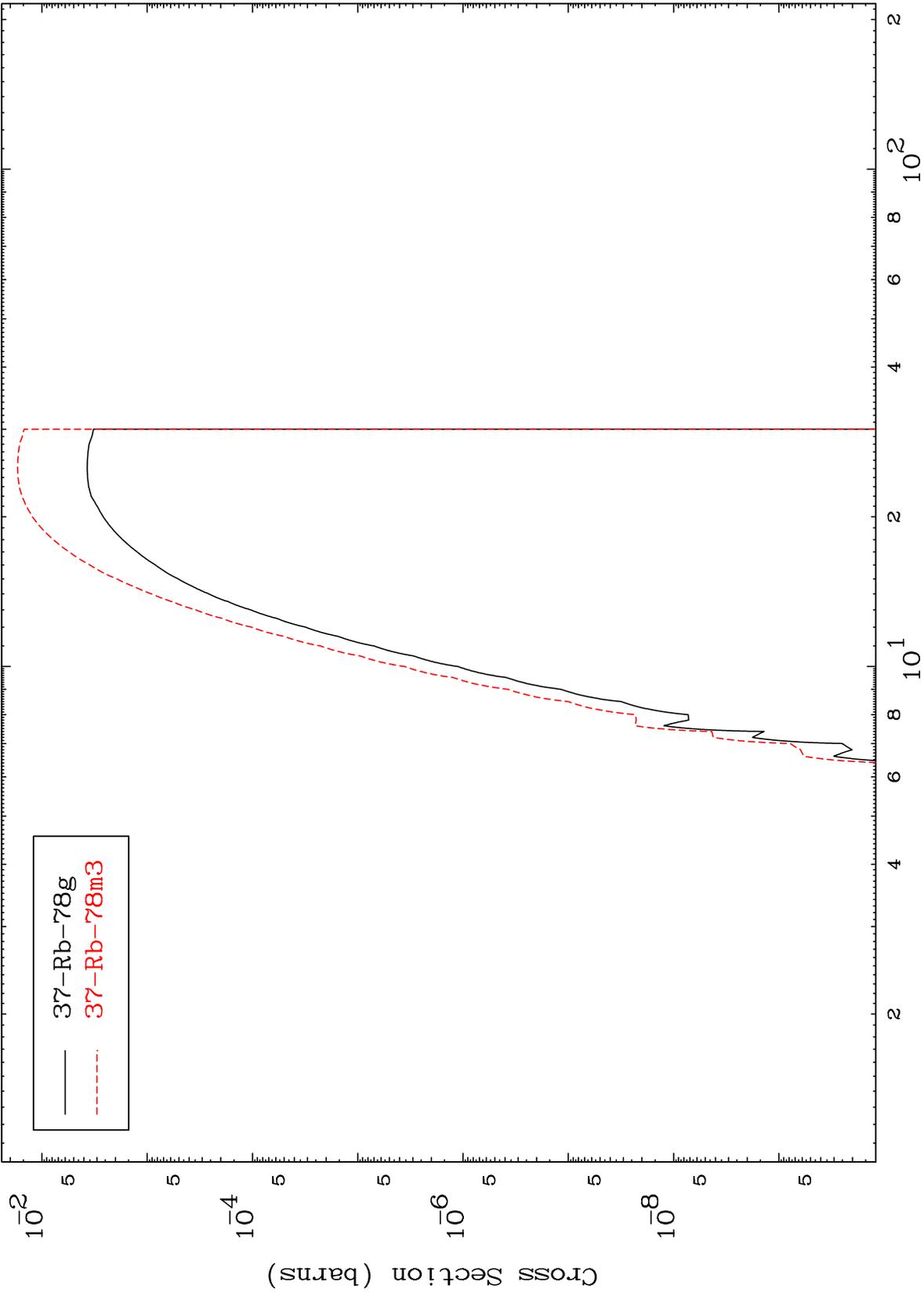
39-Y -80

MAT 3898

(n,He-3)

39-Y -80

Radionuclide Production Cross Section



57

Incident Energy (MeV)

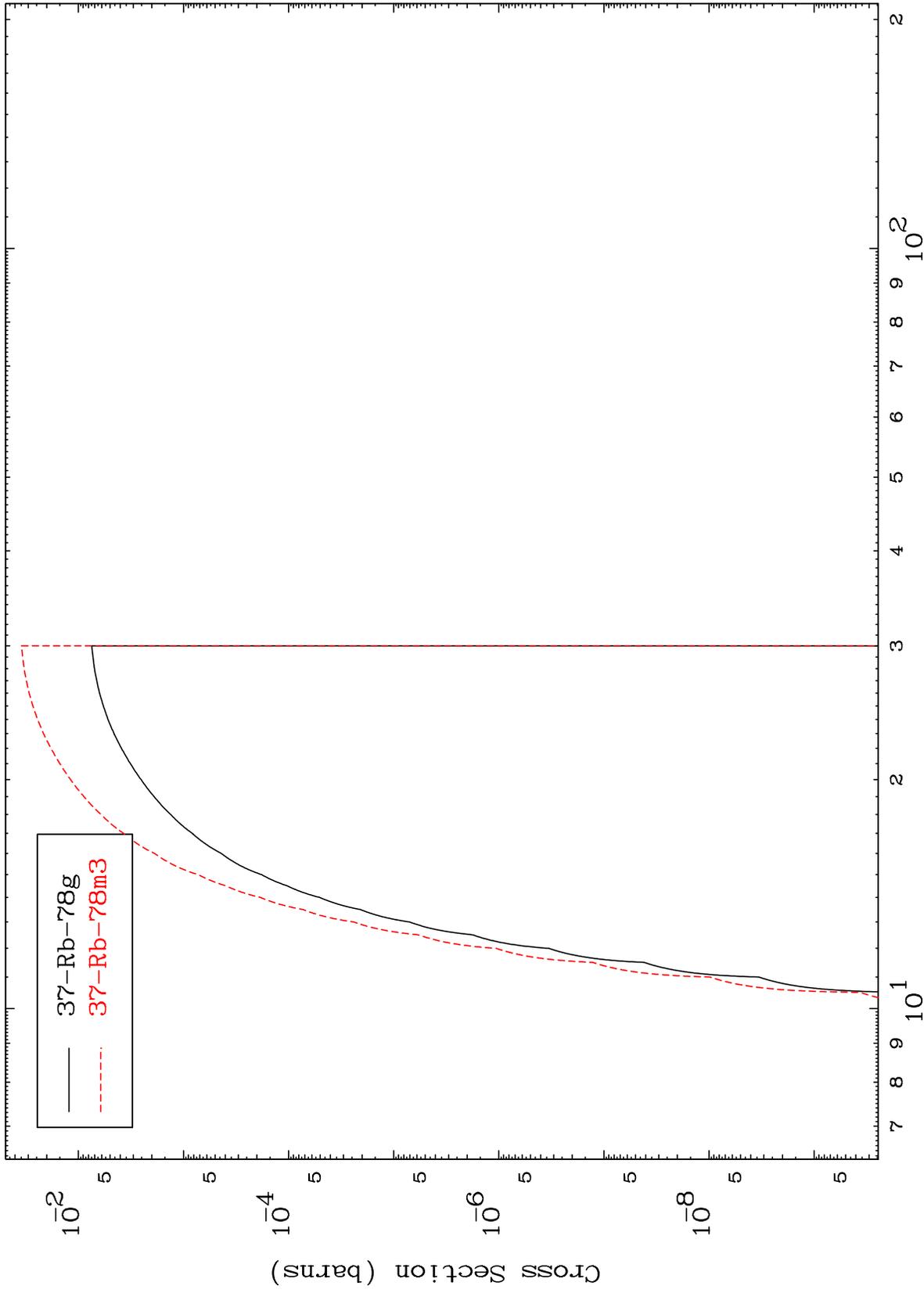
39-Y -80

MAT 3898

(n,p) d

39-Y -80

Radionuclide Production Cross Section



58

Incident Energy (MeV)

39-Y -80