

Program EVALPLOT  
(Version 2018-1)

by

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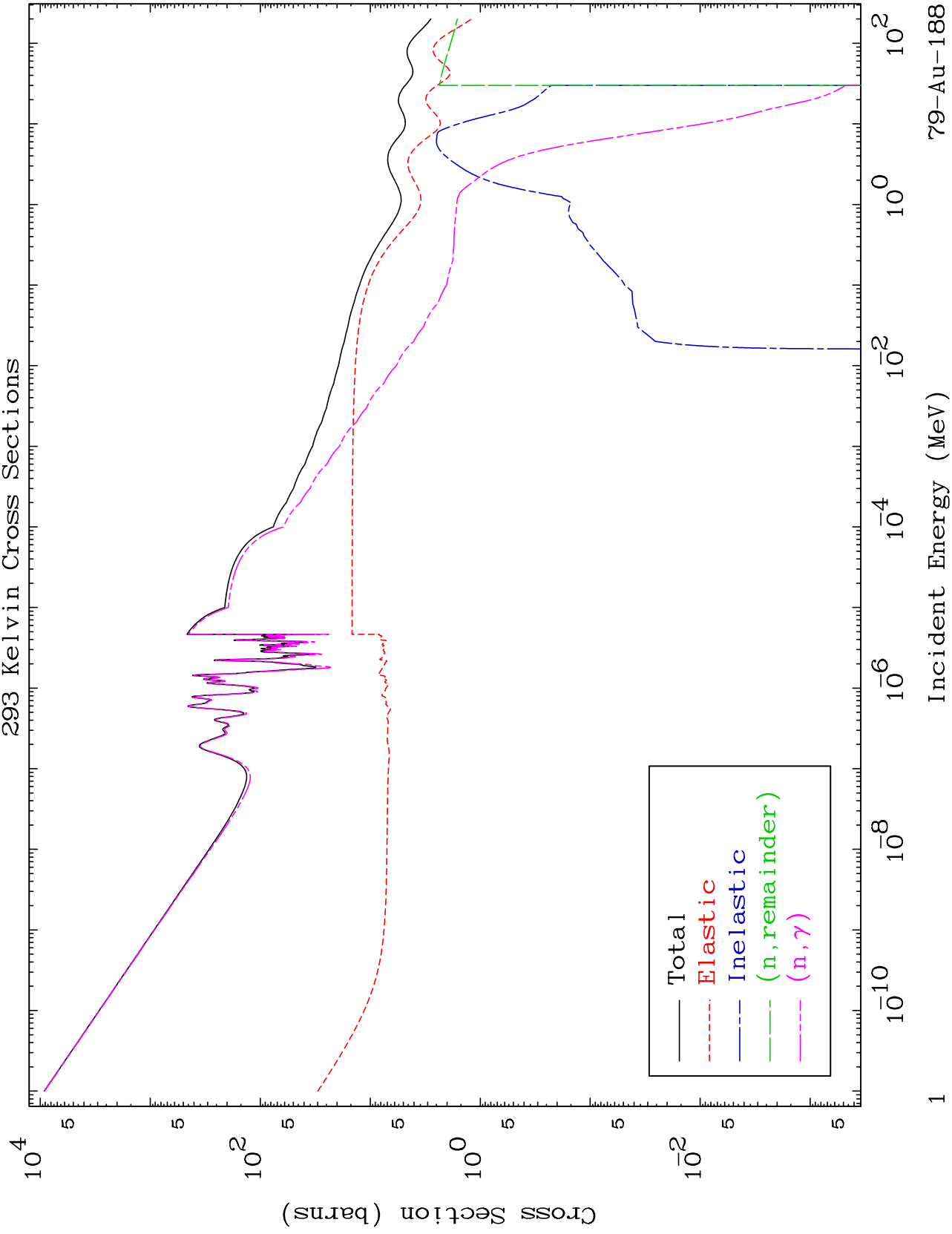
Press Mouse Button to Start

MAT 7898

Major

293 Kelvin Cross Sections

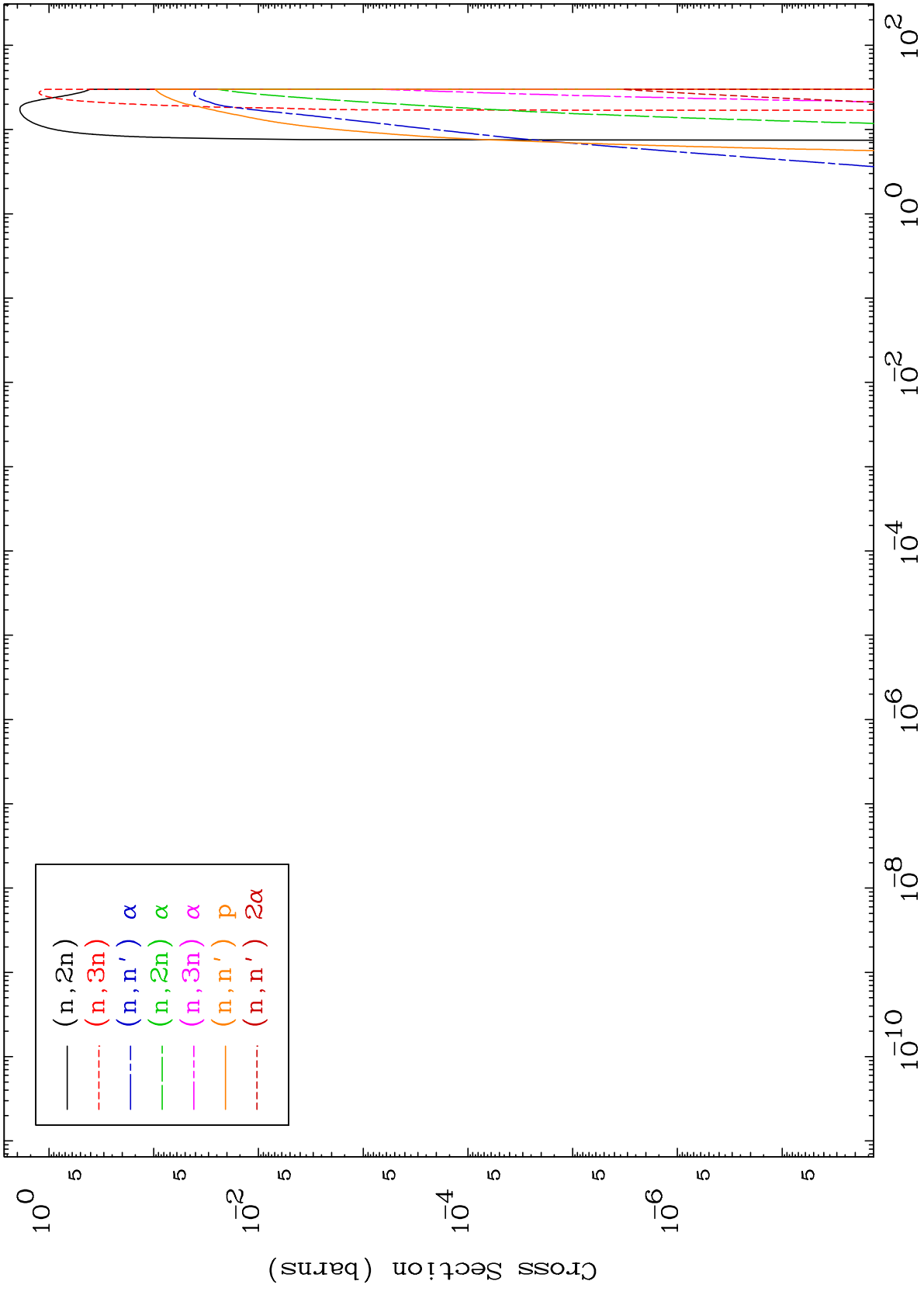
79-Au-188



MAT 7898

Neutron Production  
293 Kelvin Cross Sections

79-Au-188

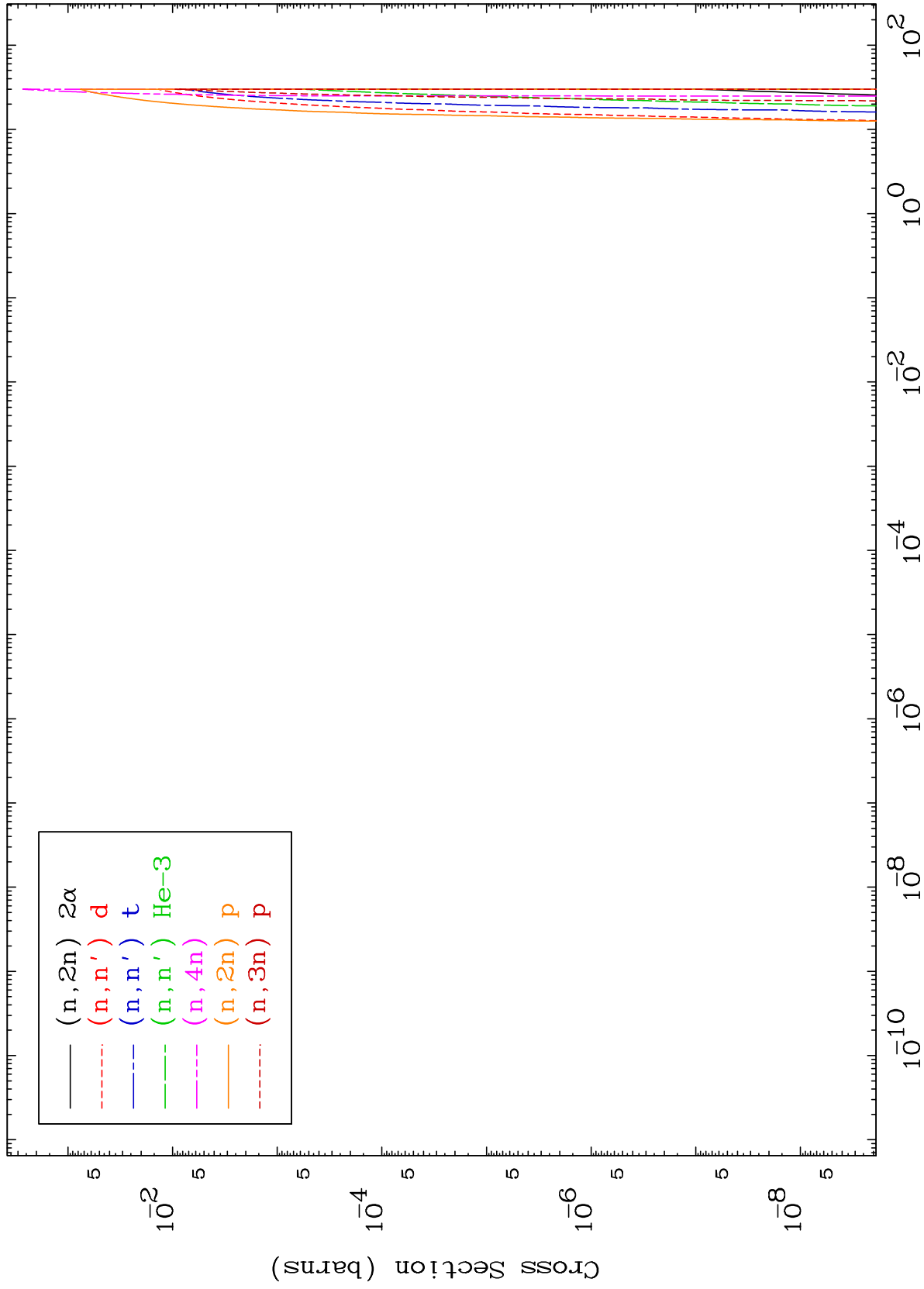


79-Au-188

MAT 7898

Neutron Production  
293 Kelvin Cross Sections

79-Au-188



3

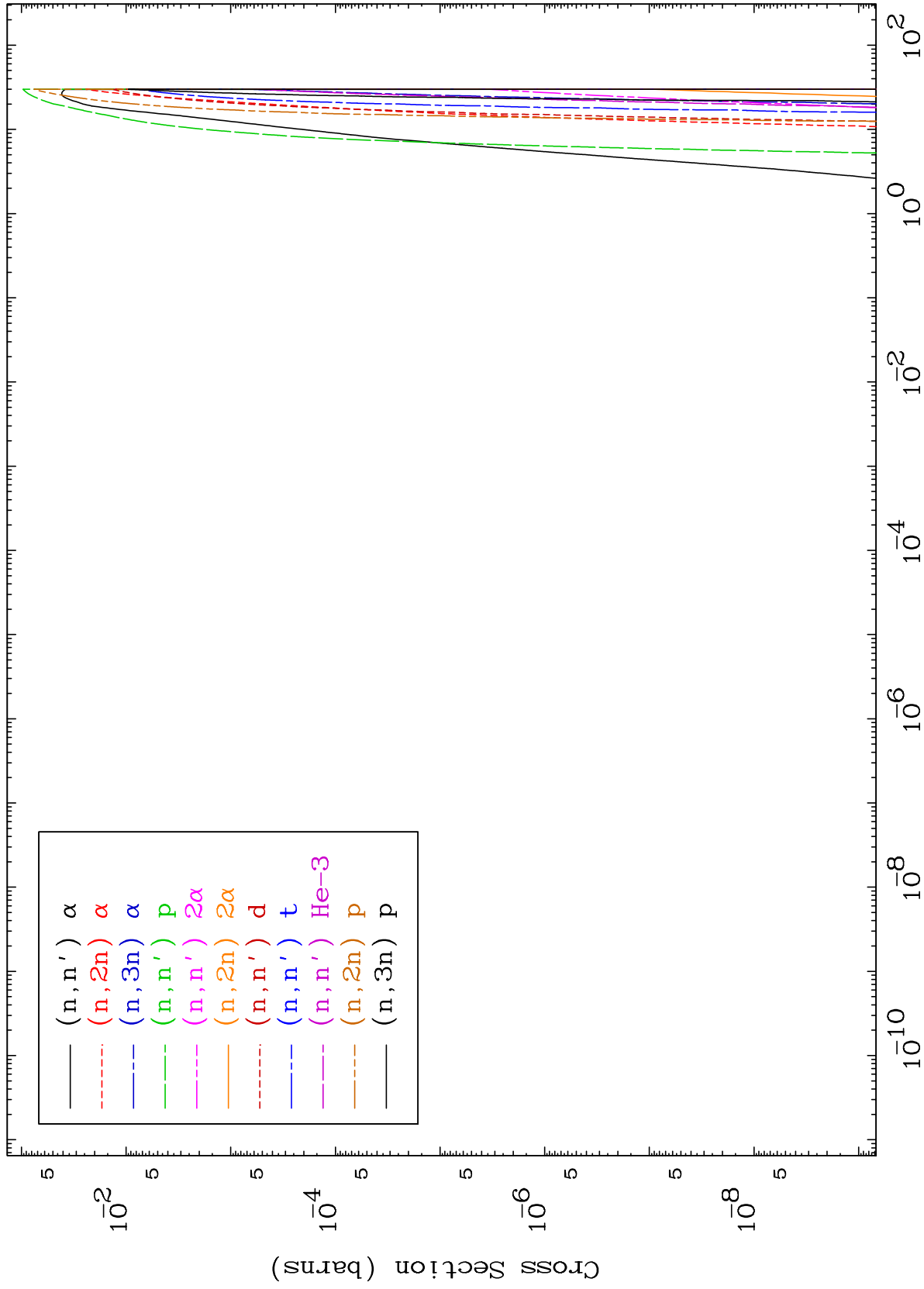
Incident Energy (MeV)

79-Au-188

MAT 7898

Charged Particle  
293 Kelvin Cross Sections

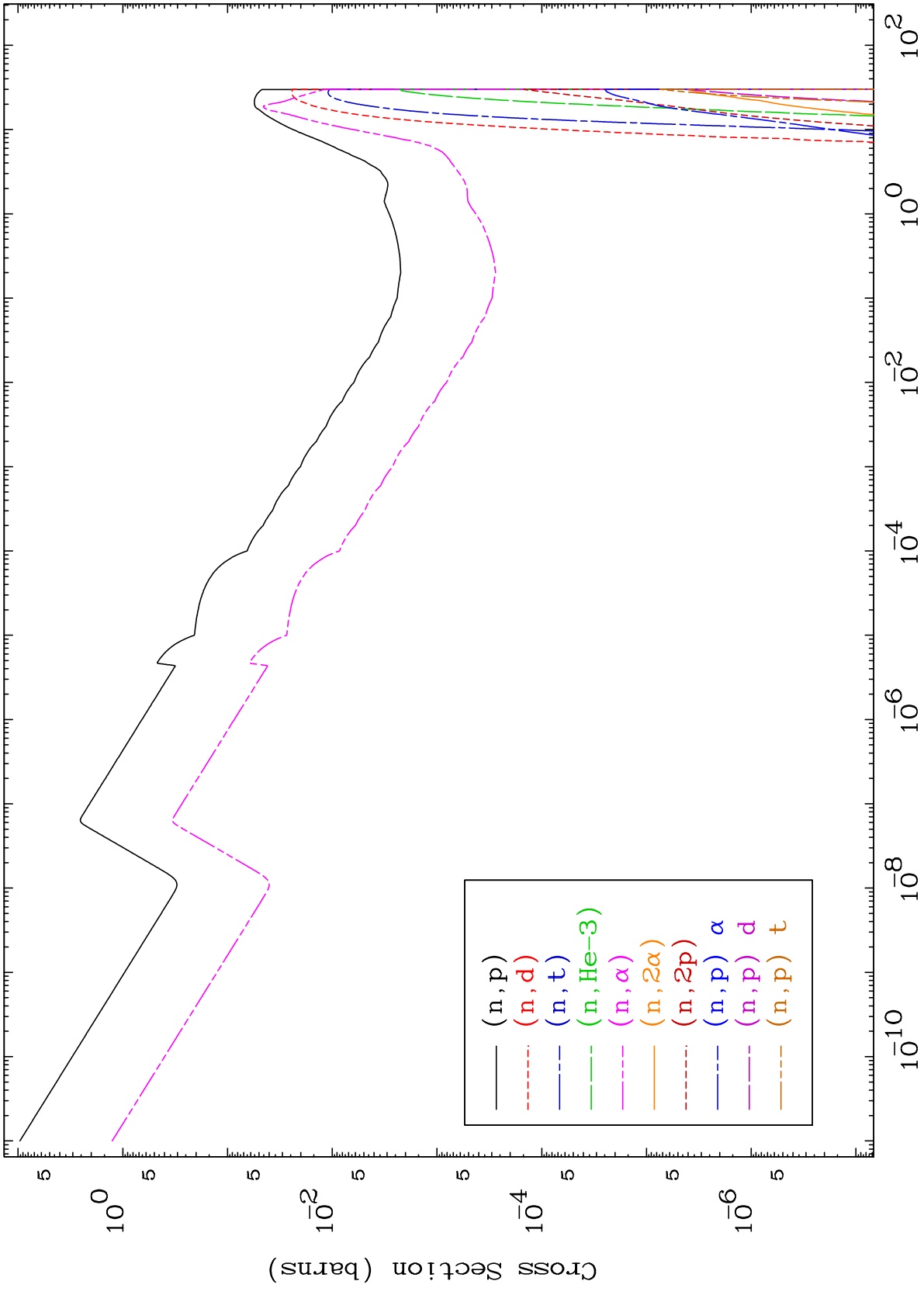
79-Au-188

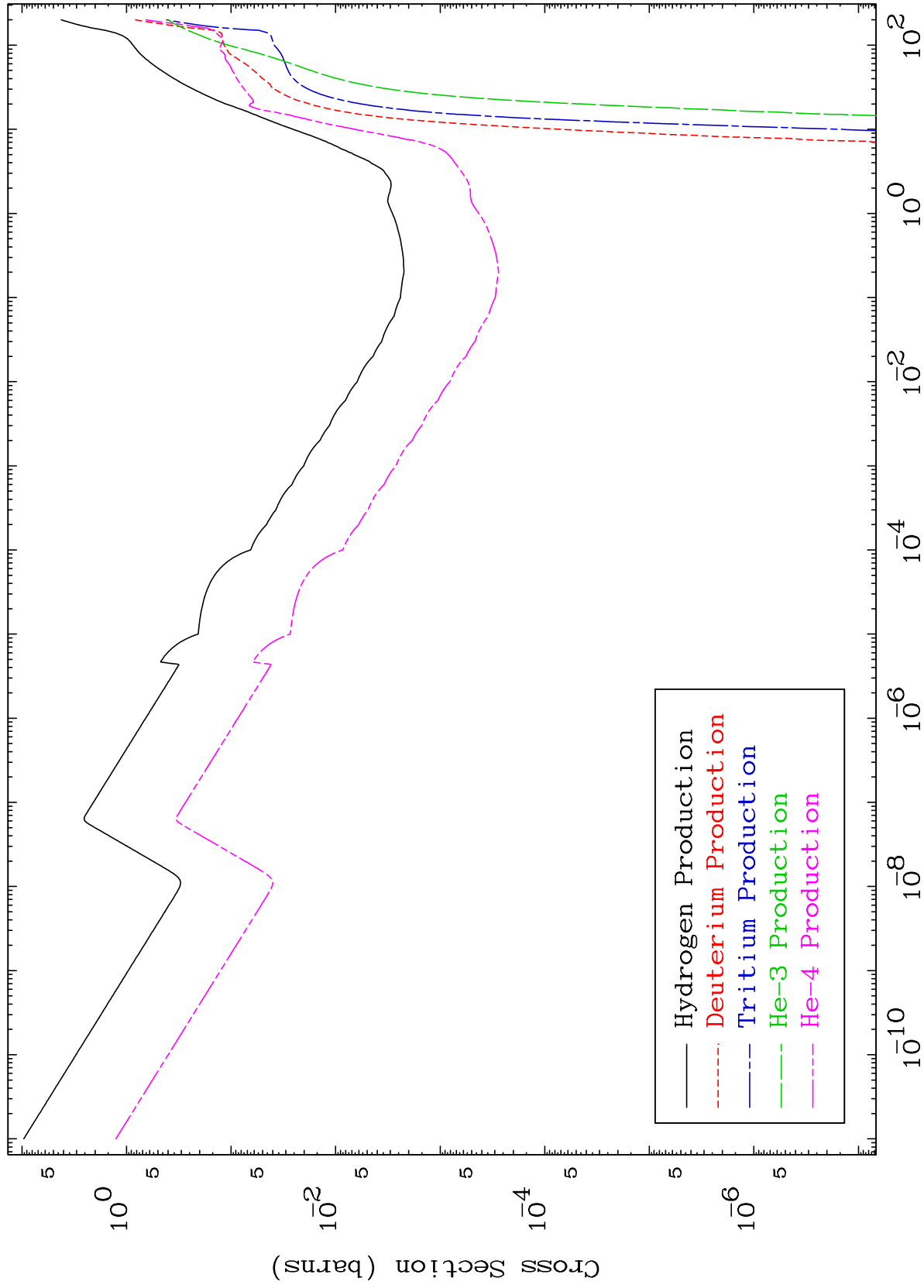


MAT 7898

Charged Particle  
293 Kelvin Cross Sections

79-Au-188

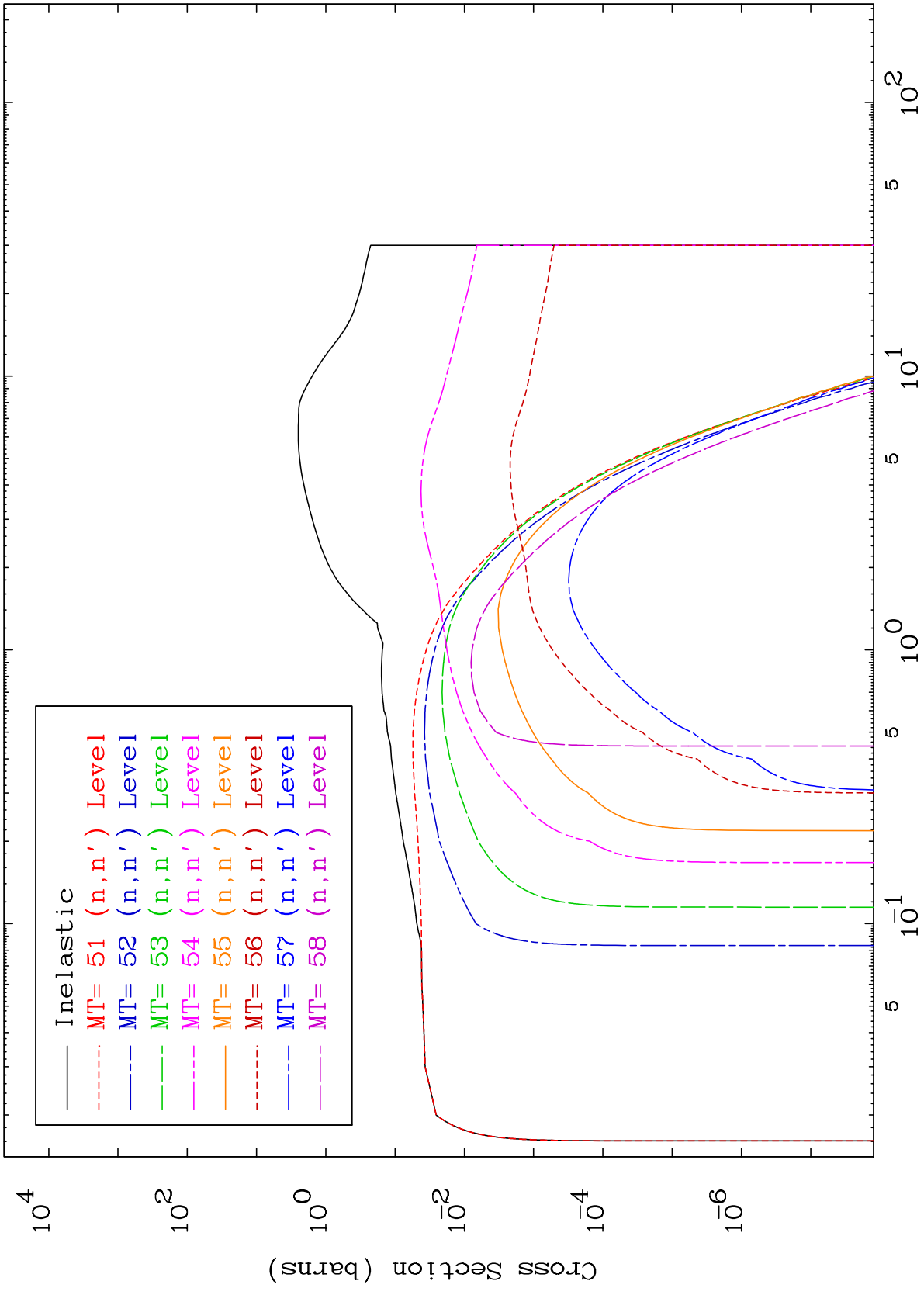




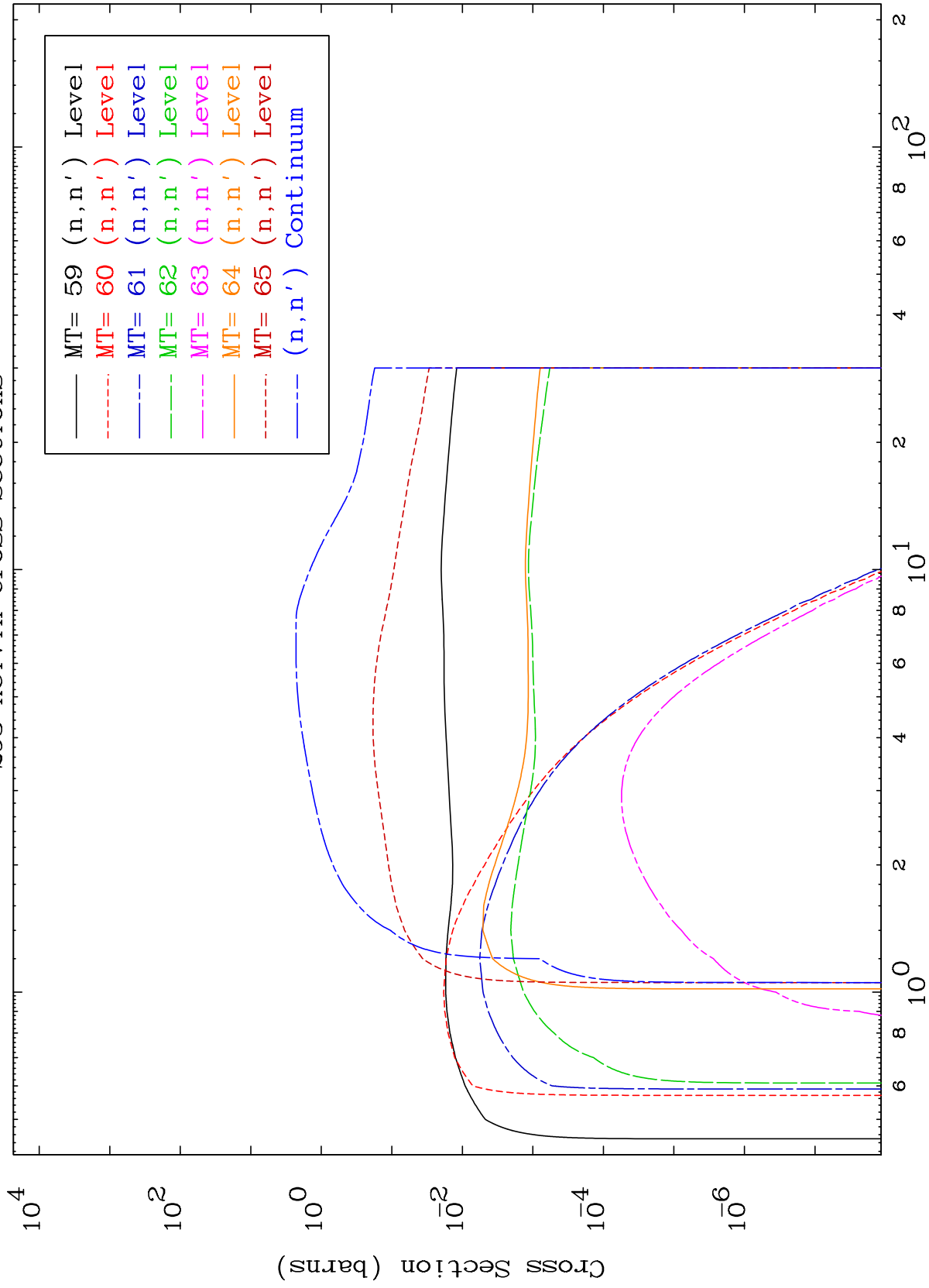
MAT 7898

(n,n') Level  
293 Kelvin Cross Sections

79-Au-188



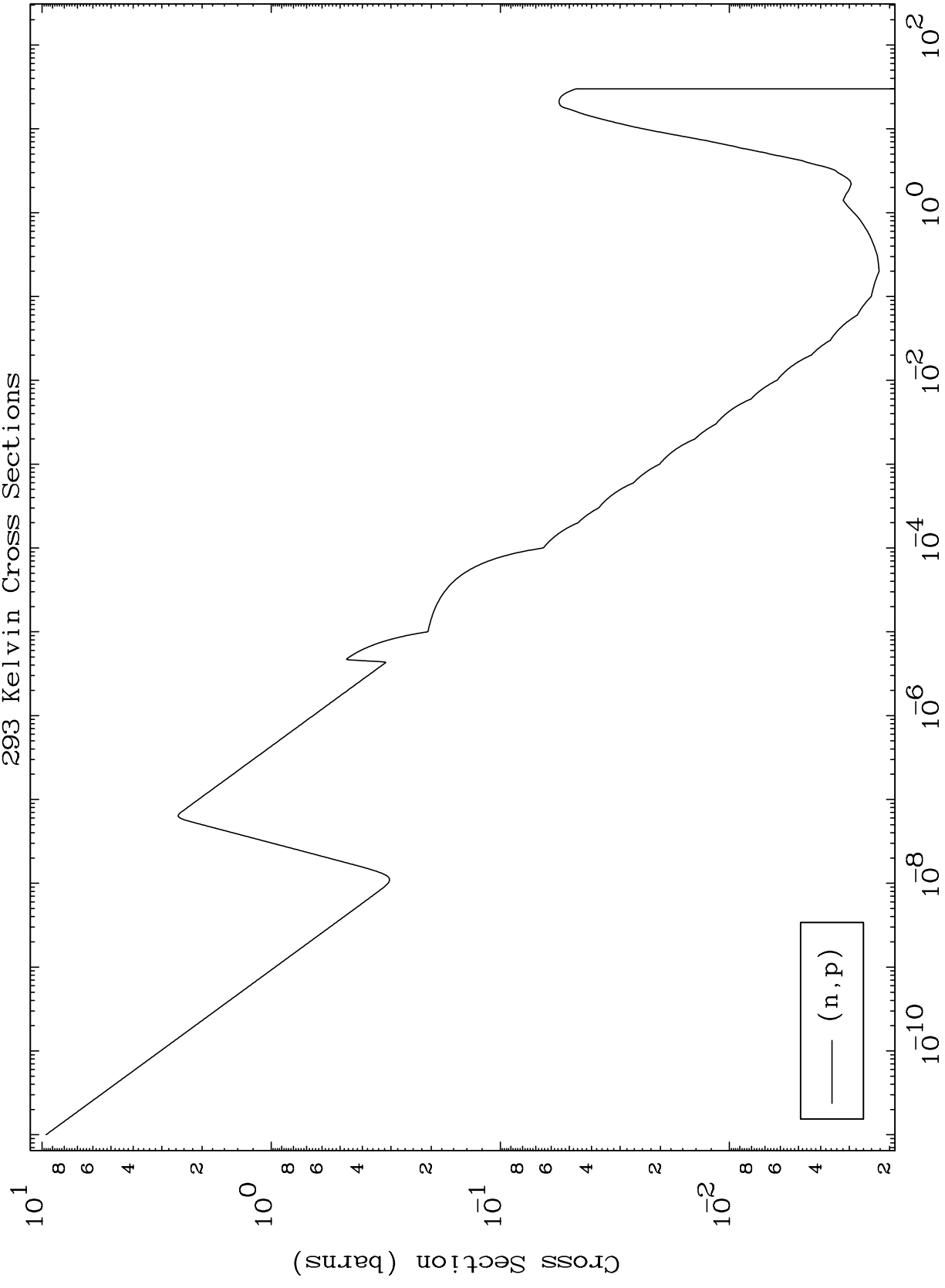




MAT 7898

(n,p) Levels  
293 Kelvin Cross Sections

79-Au-188

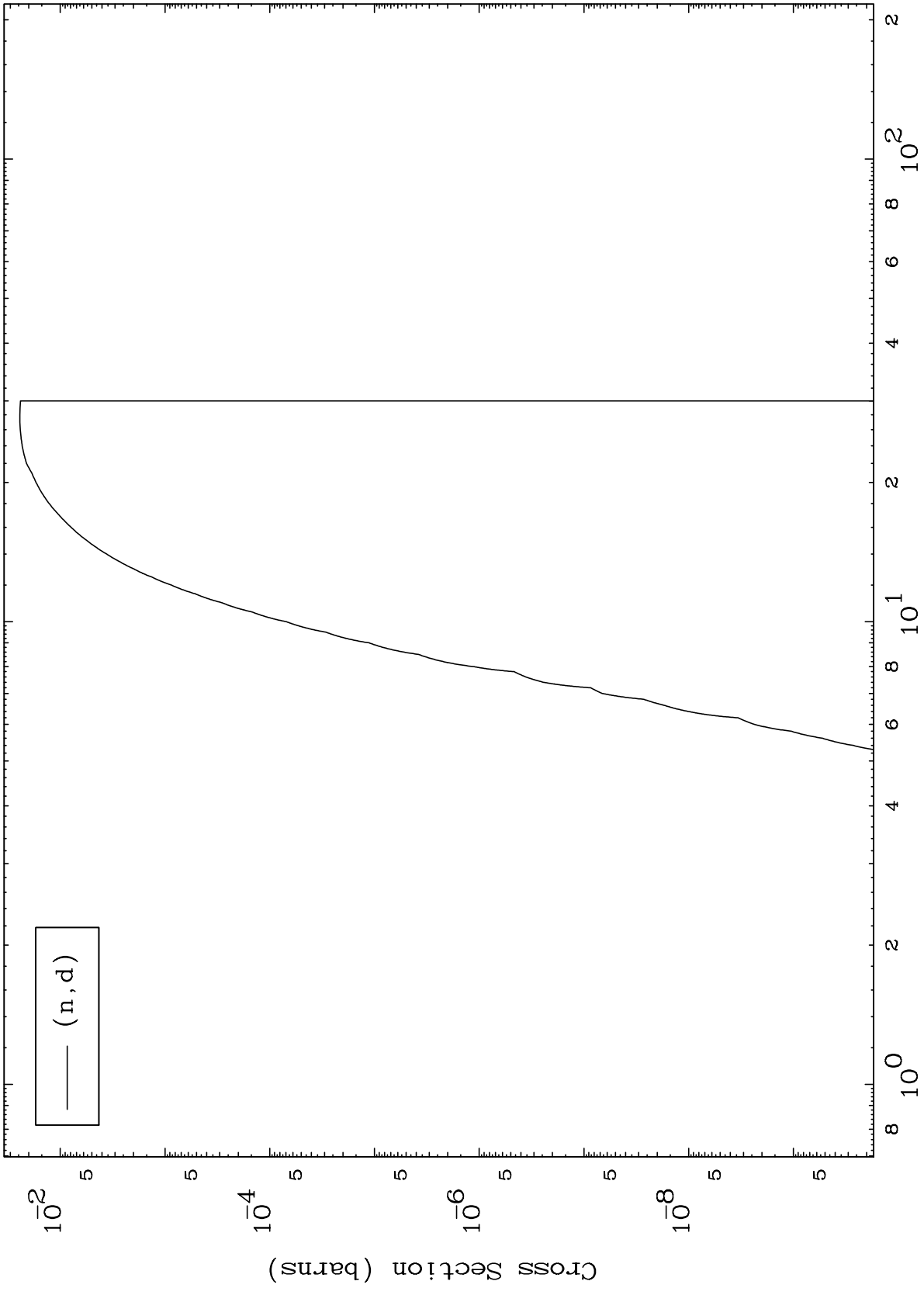


79-Au-188

MAT 7898

(n,d) Levels  
293 Kelvin Cross Sections

79-Au-188



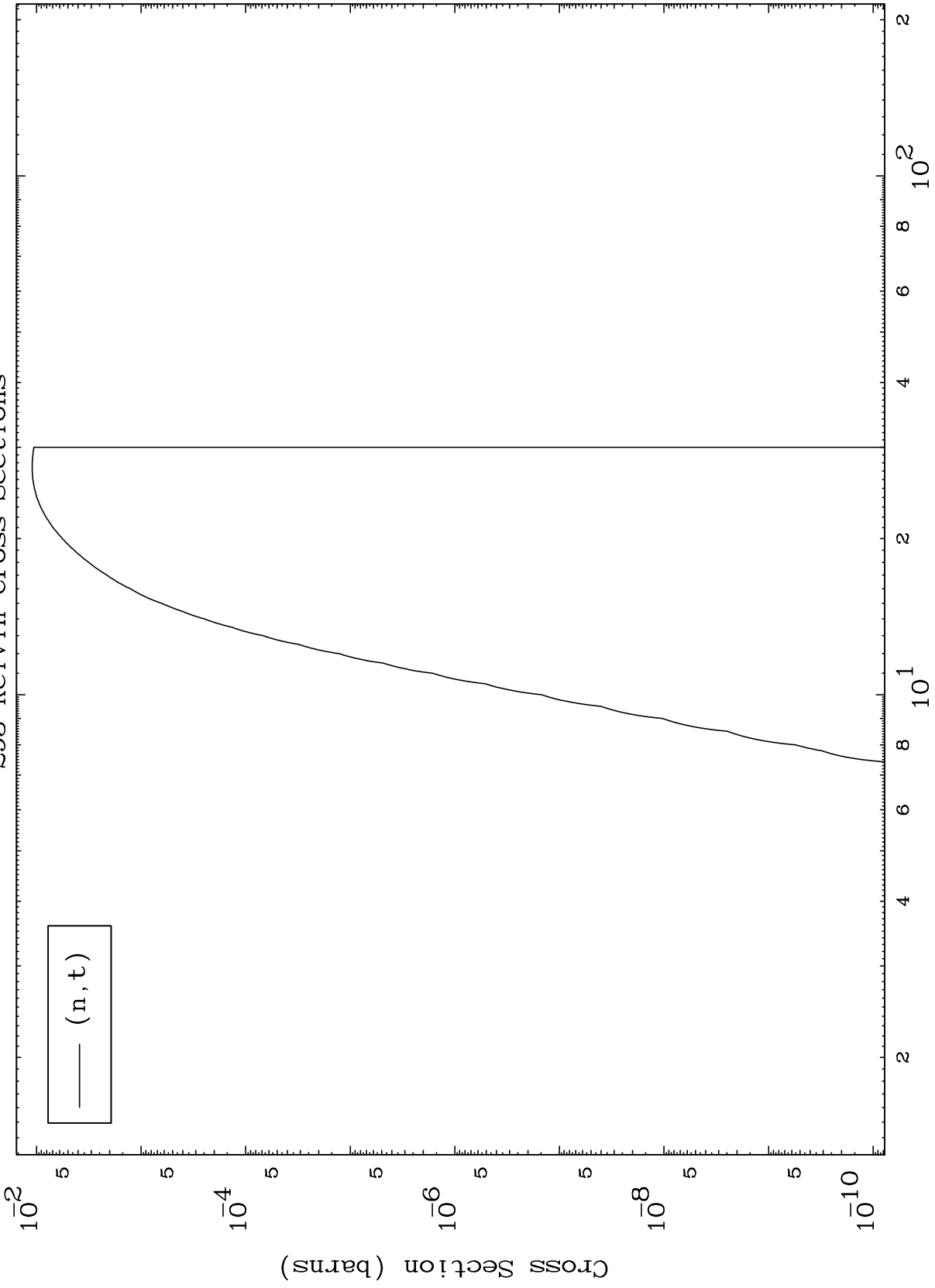
Incident Energy (MeV)

79-Au-188

MAT 7898

(n,t) Levels  
293 Kelvin Cross Sections

79-Au-188



11

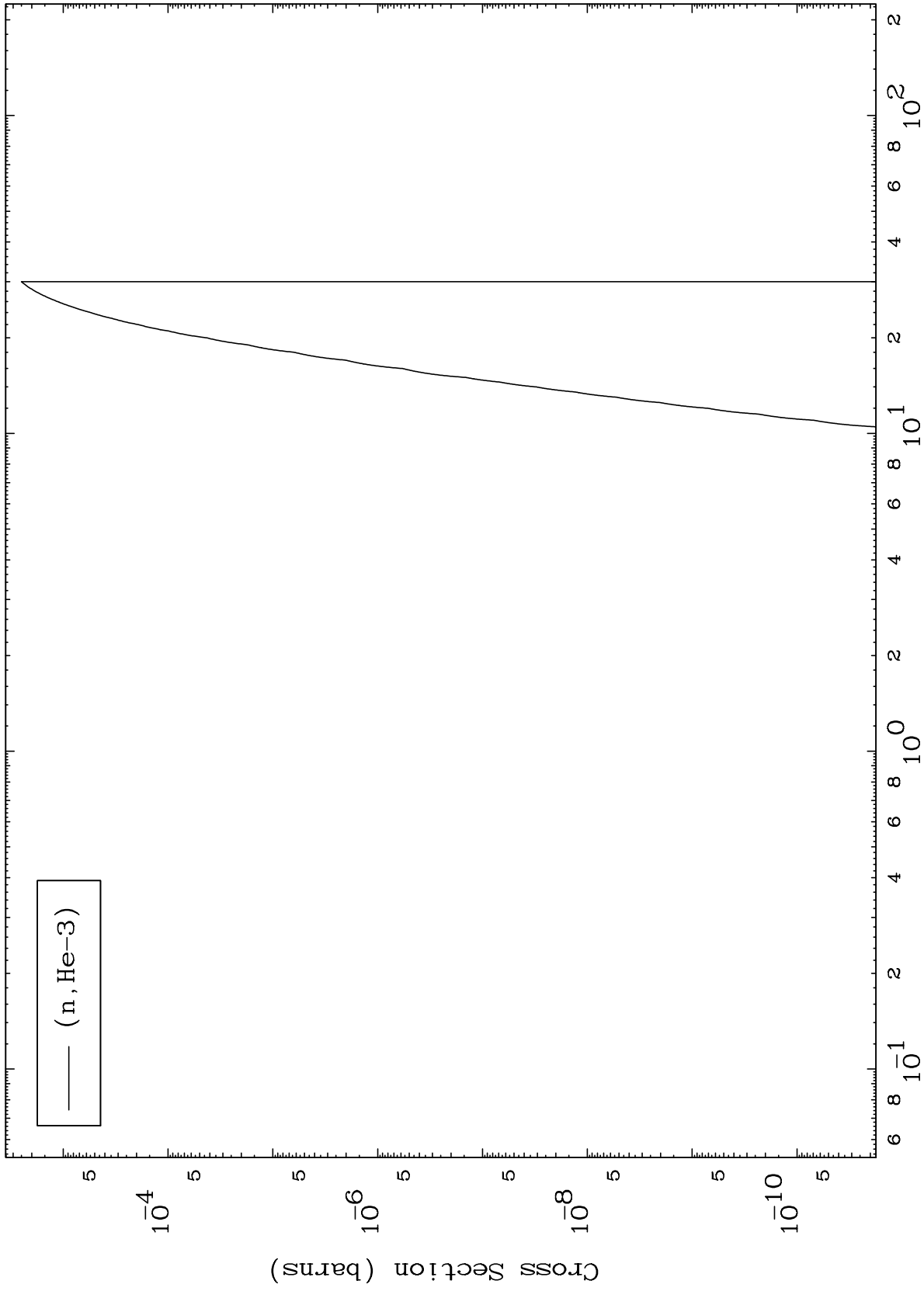
Incident Energy (MeV)

79-Au-188

MAT 7898

(n,He3) Levels  
293 Kelvin Cross Sections

79-Au-188



12

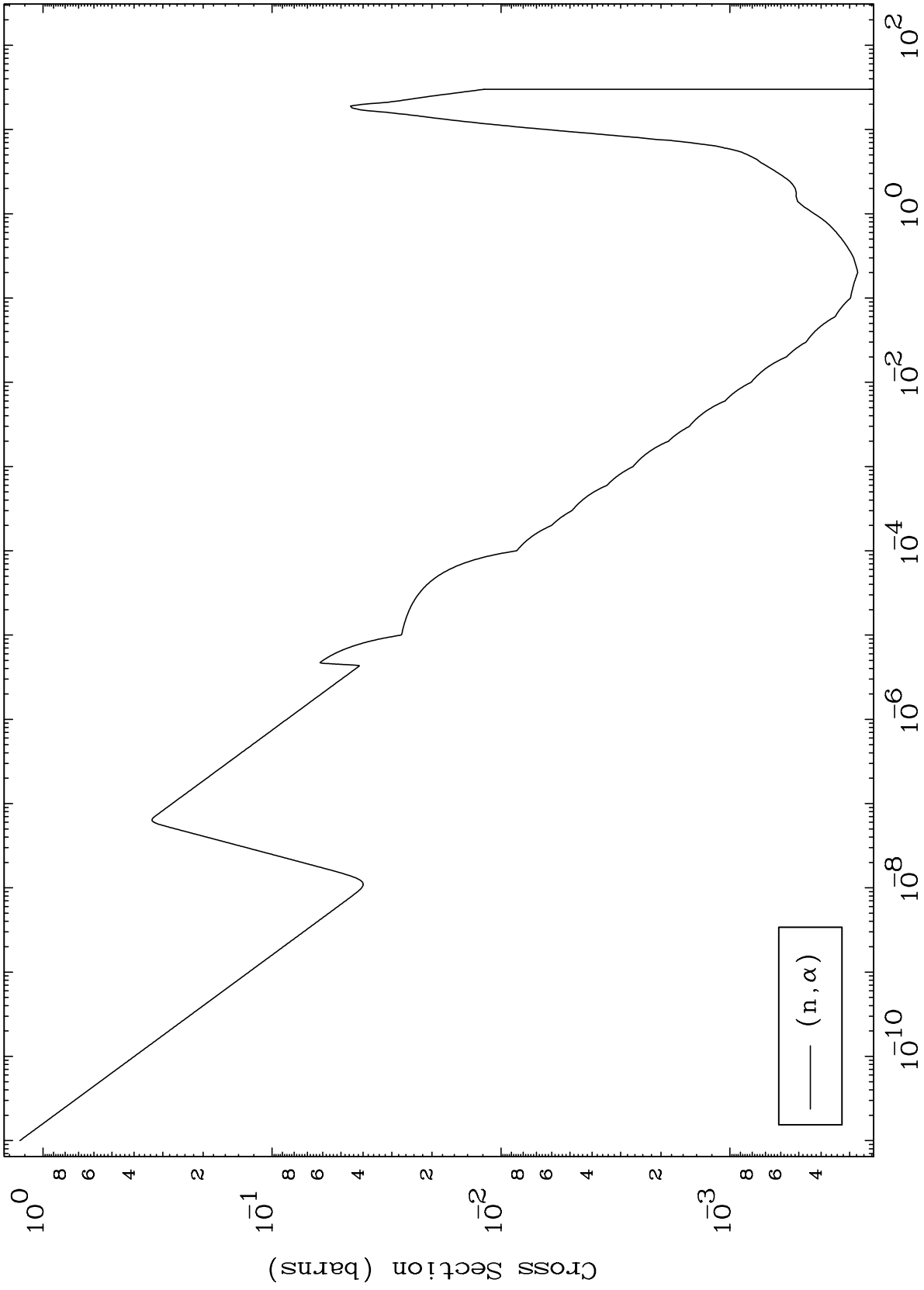
Incident Energy (MeV)

79-Au-188

MAT 7898

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

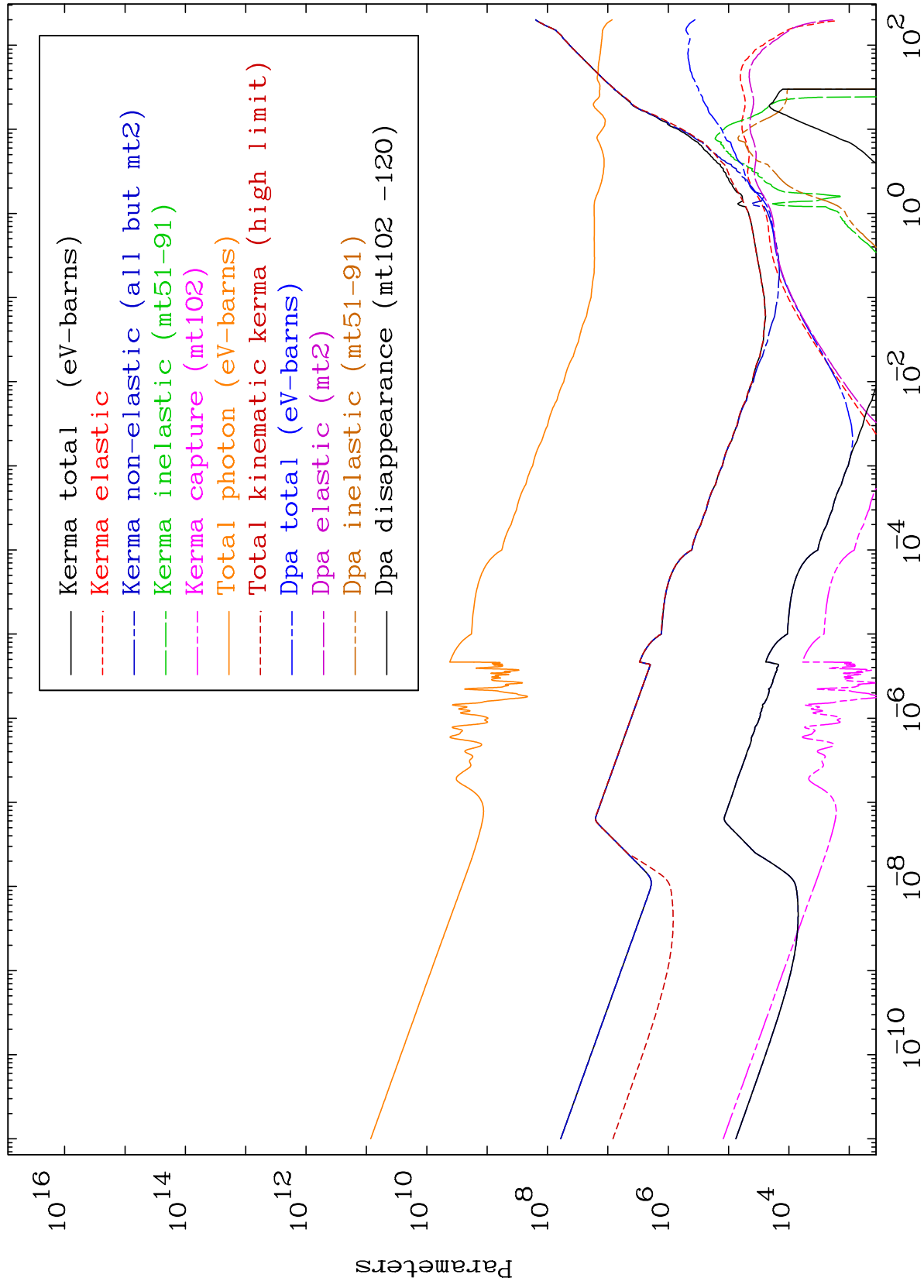
79-Au-188



13

Incident Energy (MeV)

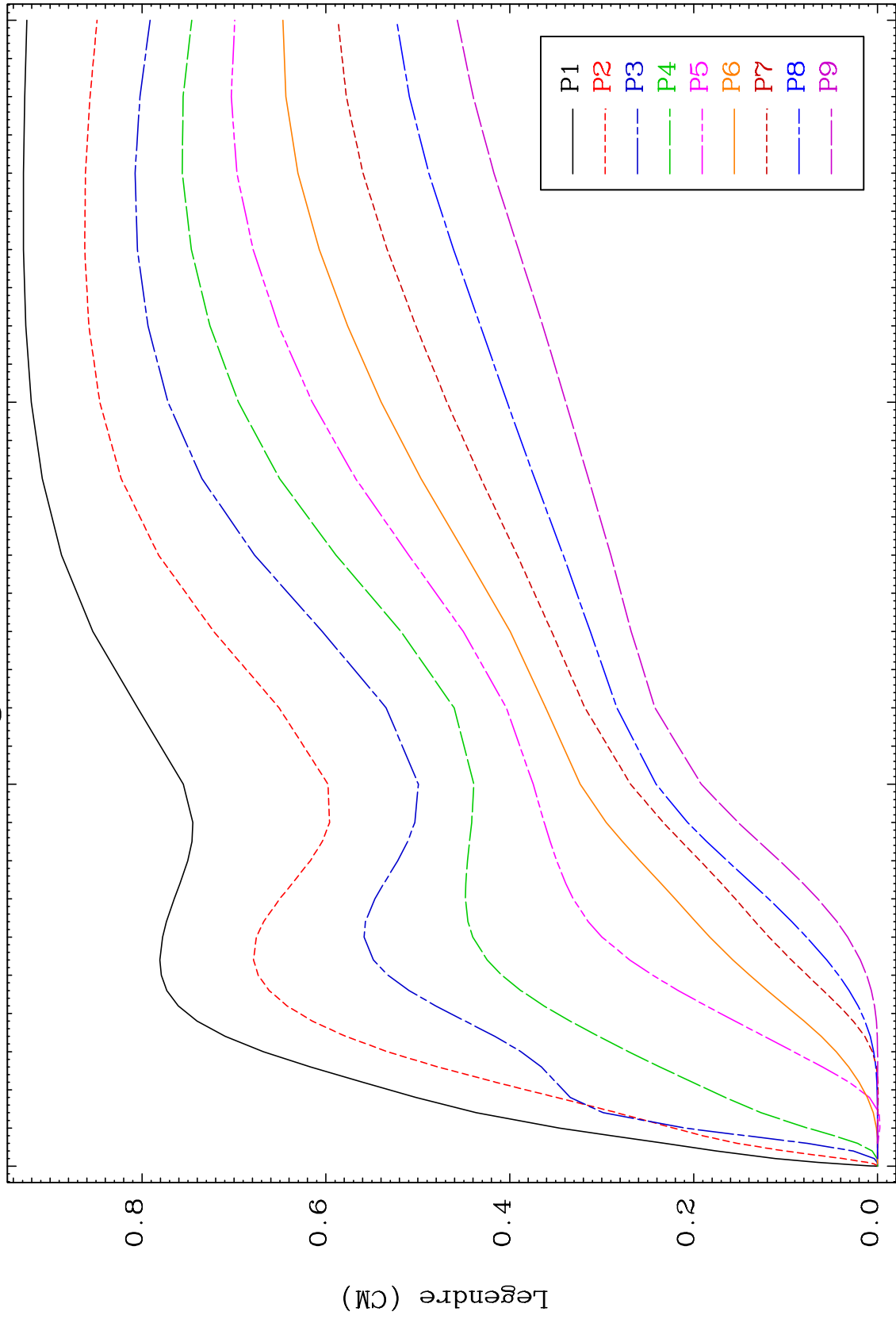
79-Au-188



MAT 7898

Elastic Legendre Coefficients

<sup>79</sup>Au-<sup>188</sup>



15

Incident Energy (MeV)

<sup>79</sup>Au-<sup>188</sup>

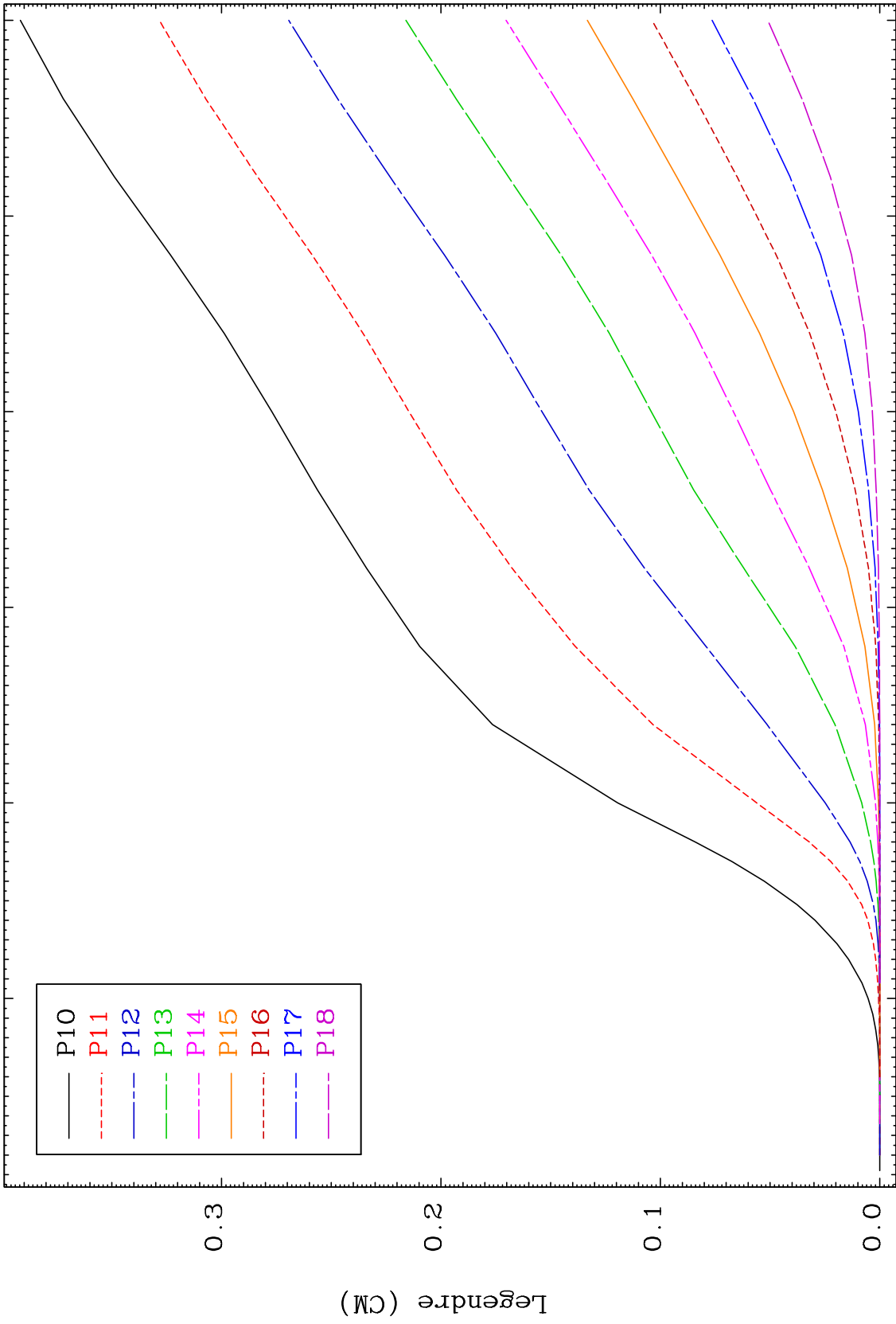
30



MAT 7898

Elastic Legendre Coefficients

<sup>79</sup>Au-188



16

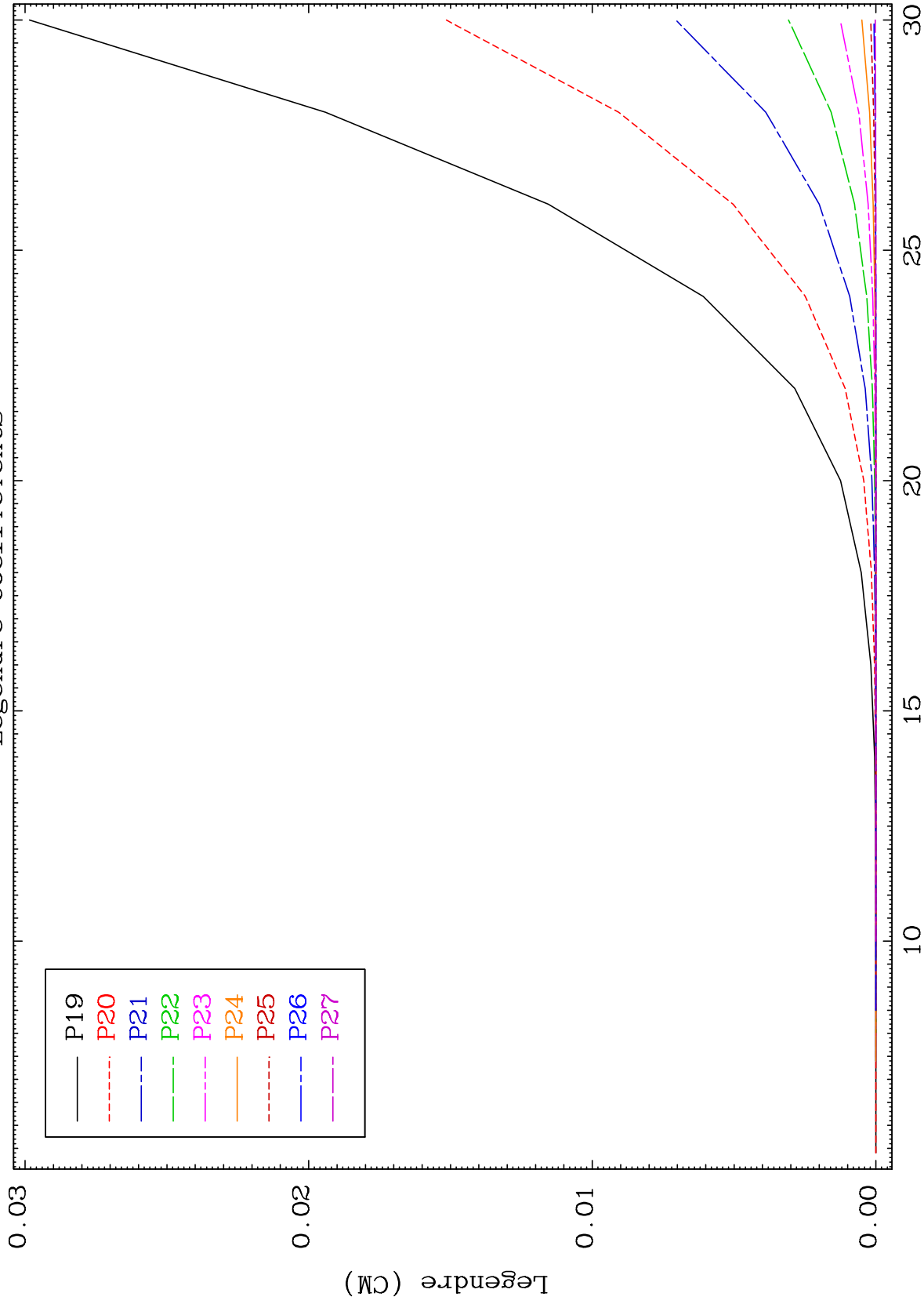
Incident Energy (MeV)

<sup>79</sup>Au-188

MAT 7898

Elastic Legendre Coefficients

79-Au-188



17

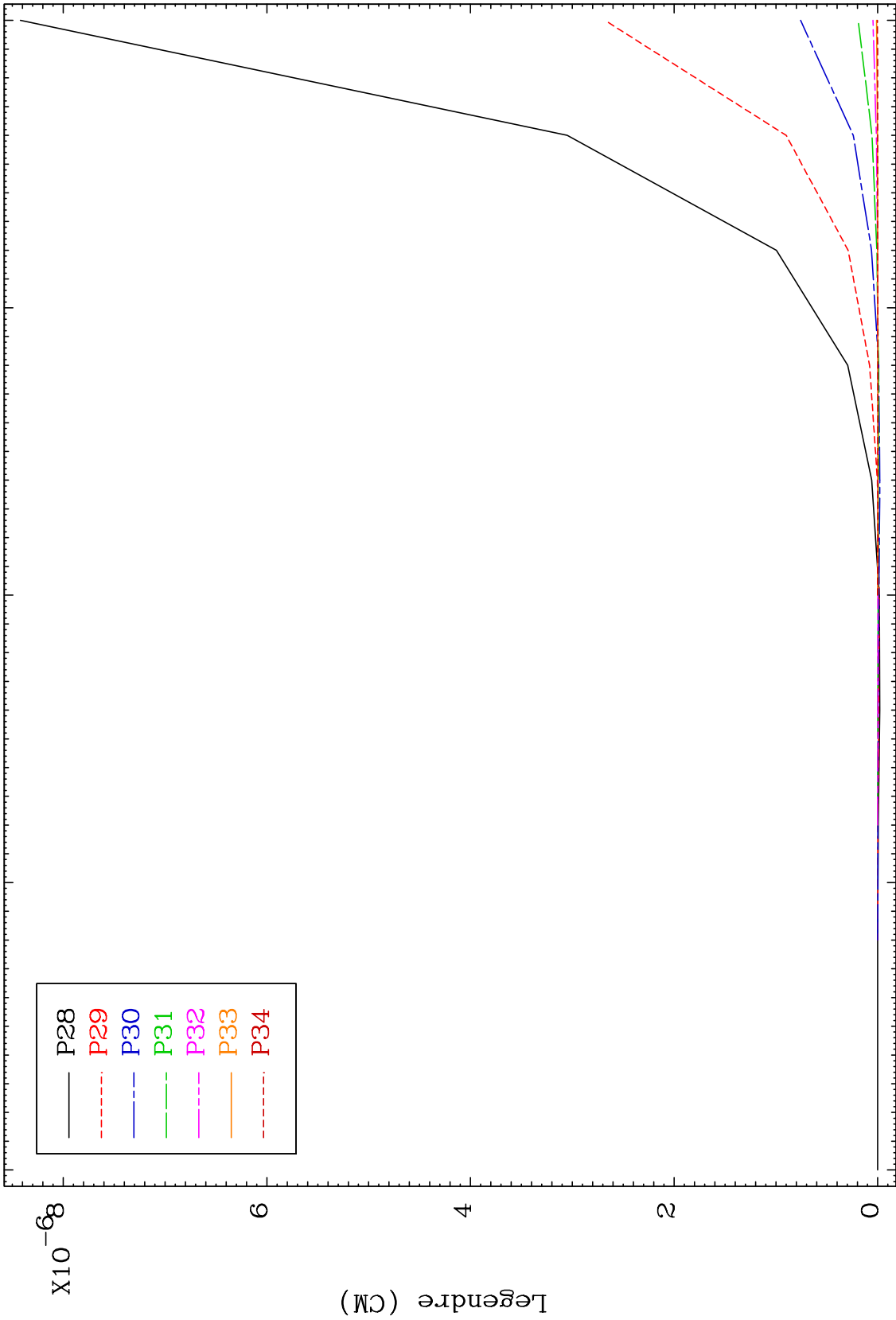
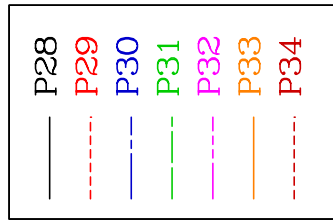
Incident Energy (MeV)

79-Au-188

MAT 7898

Elastic Legendre Coefficients

79-Au-188



18

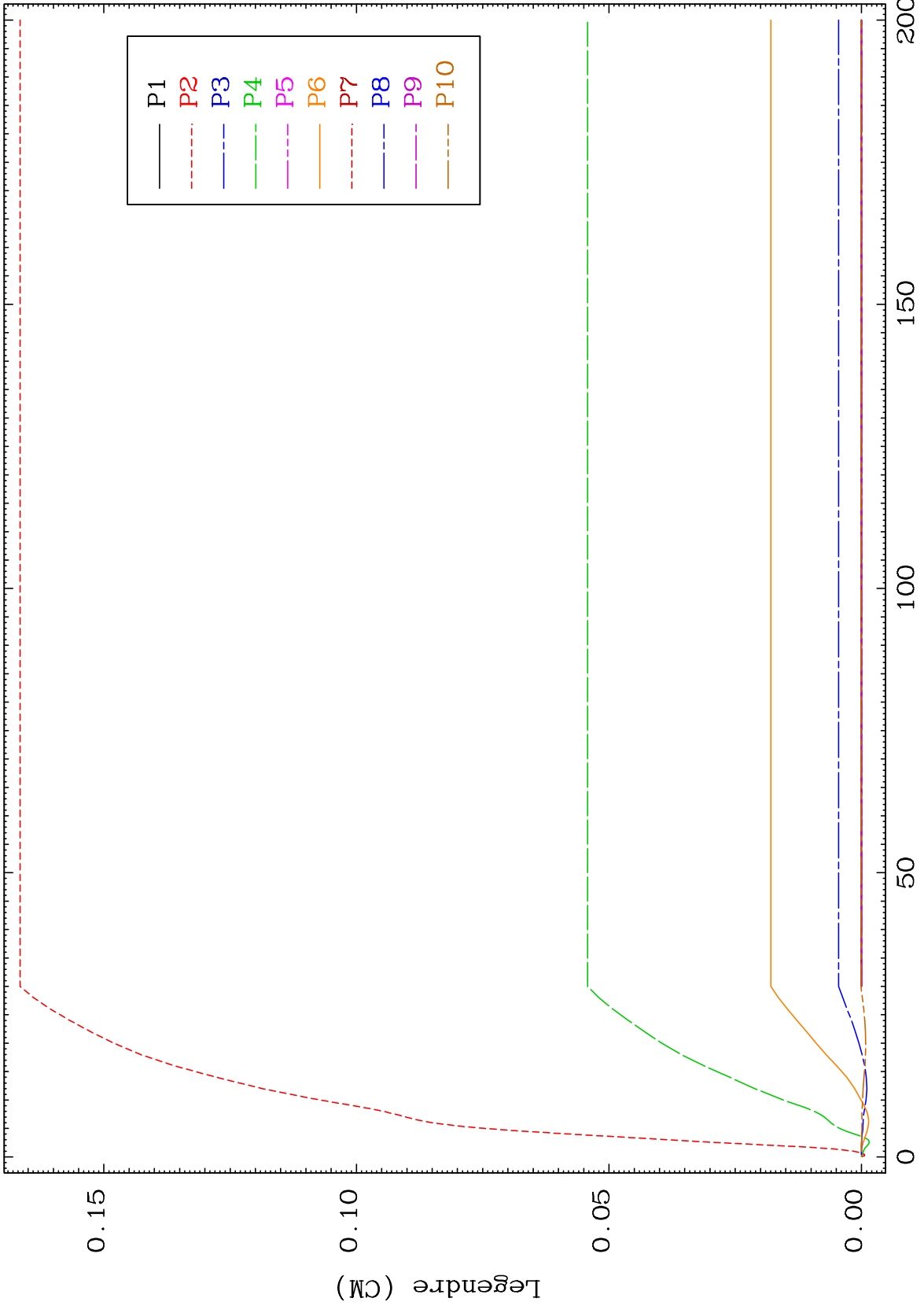
Incident Energy (MeV)

79-Au-188

MAT 7898

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

79-Au-188



19

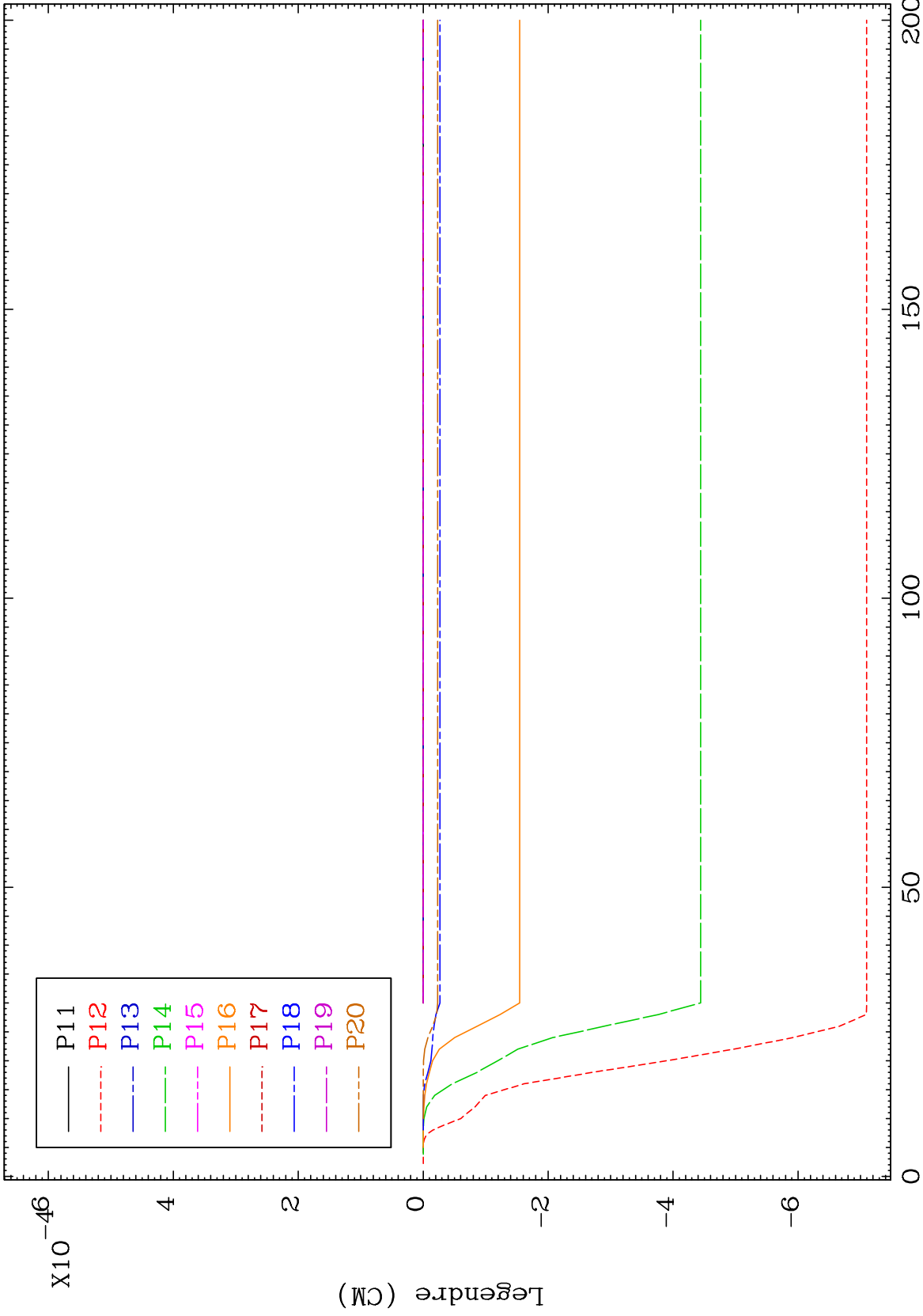
Incident Energy (MeV)

79-Au-188

MAT 7898

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

79-Au-188



20

Incident Energy (MeV)

50

100

150

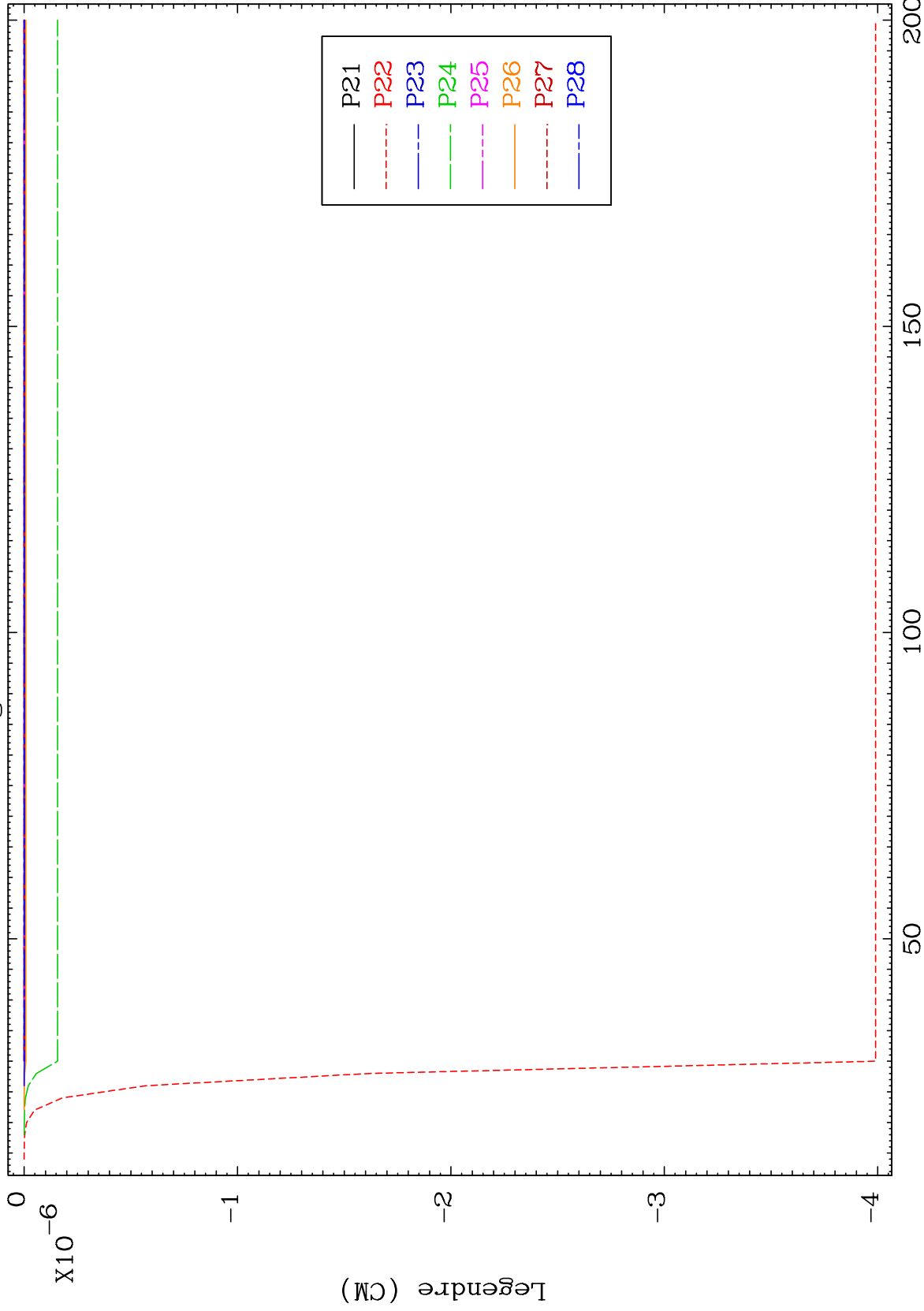
200

79-Au-188

MAT 7898

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

79-Au-188



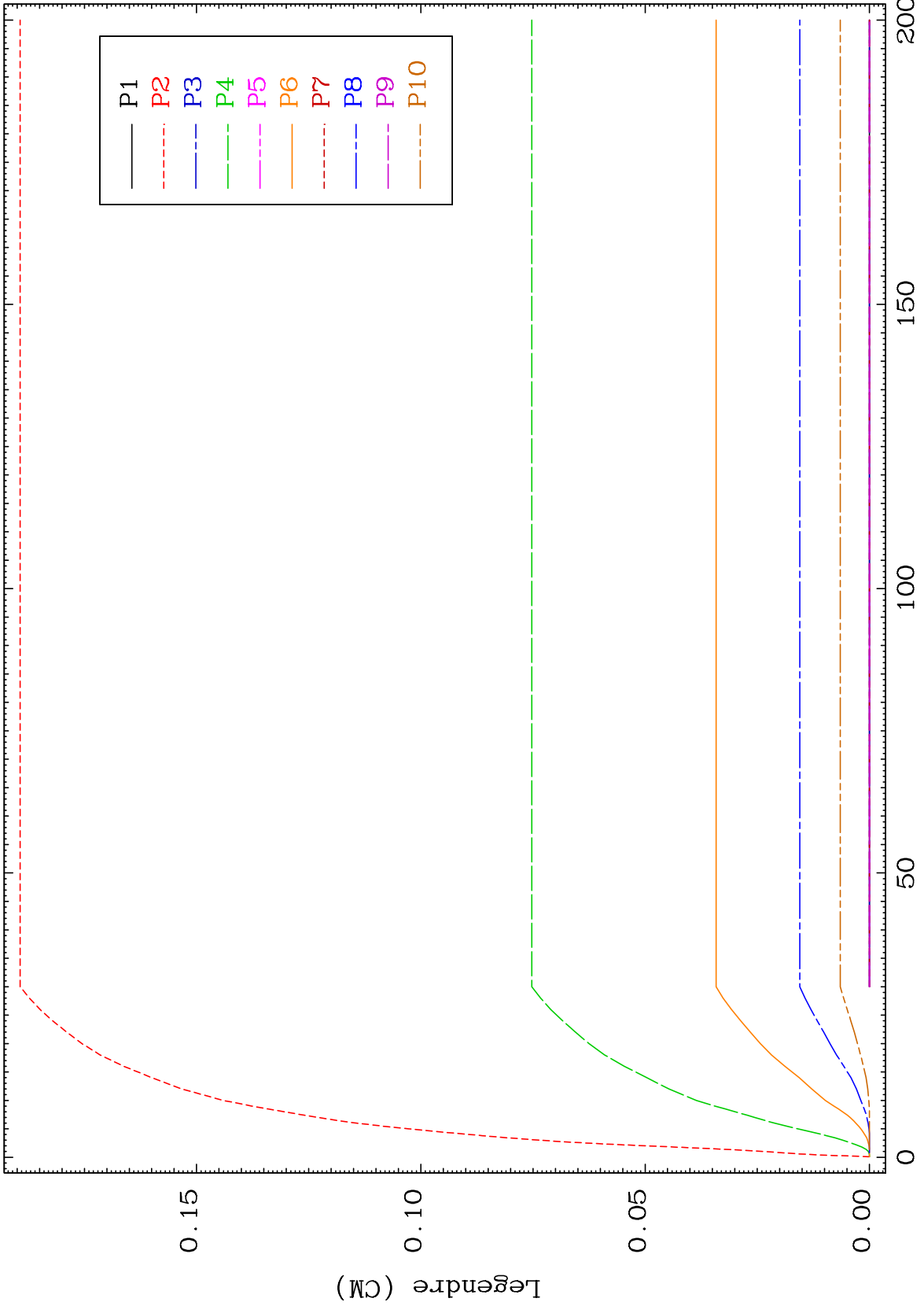
21

79-Au-188

MAT 7898

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

79-Au-188



22

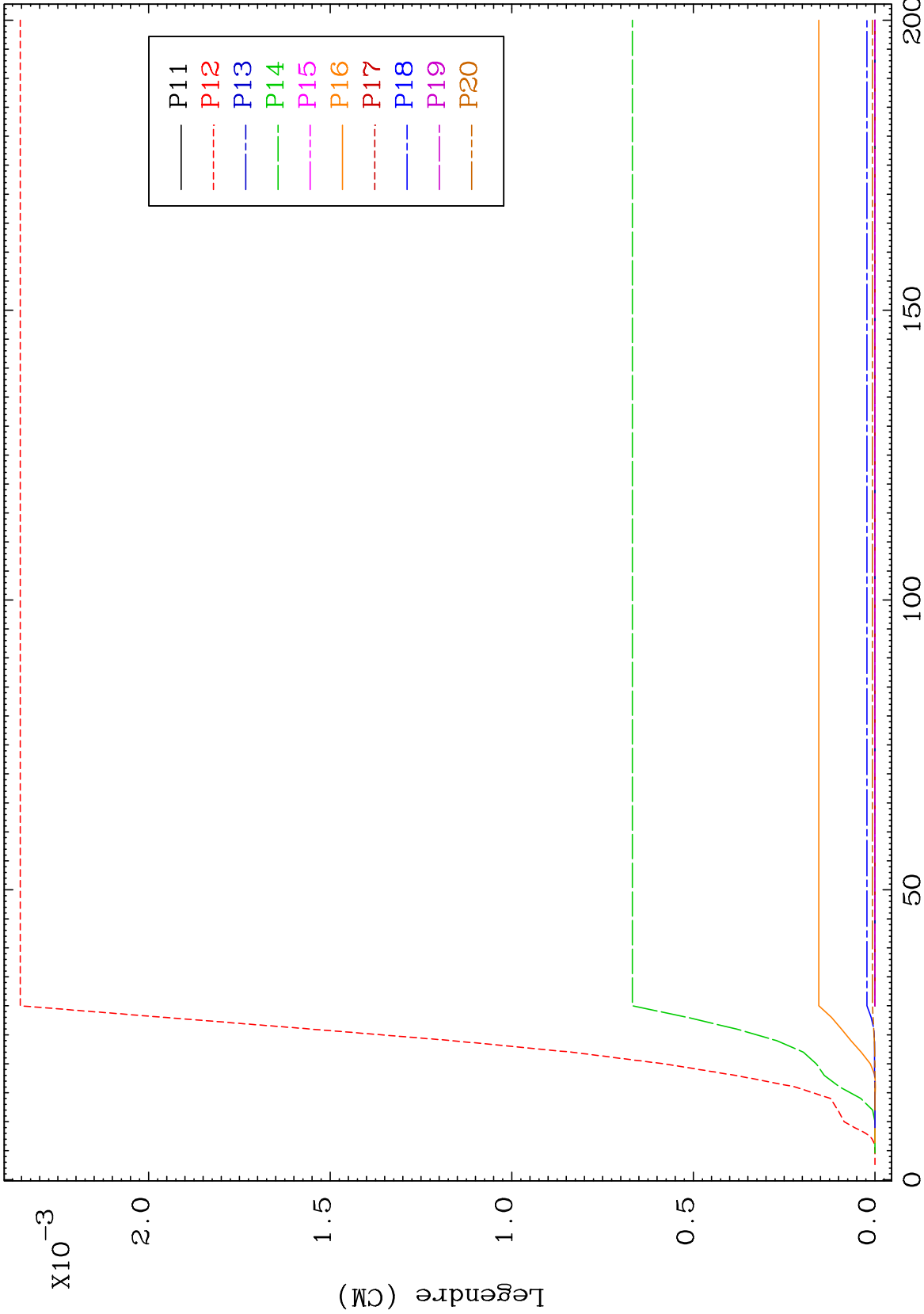
Incident Energy (MeV)

79-Au-188

MAT 7898

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

79-Au-188



23

Incident Energy (MeV)

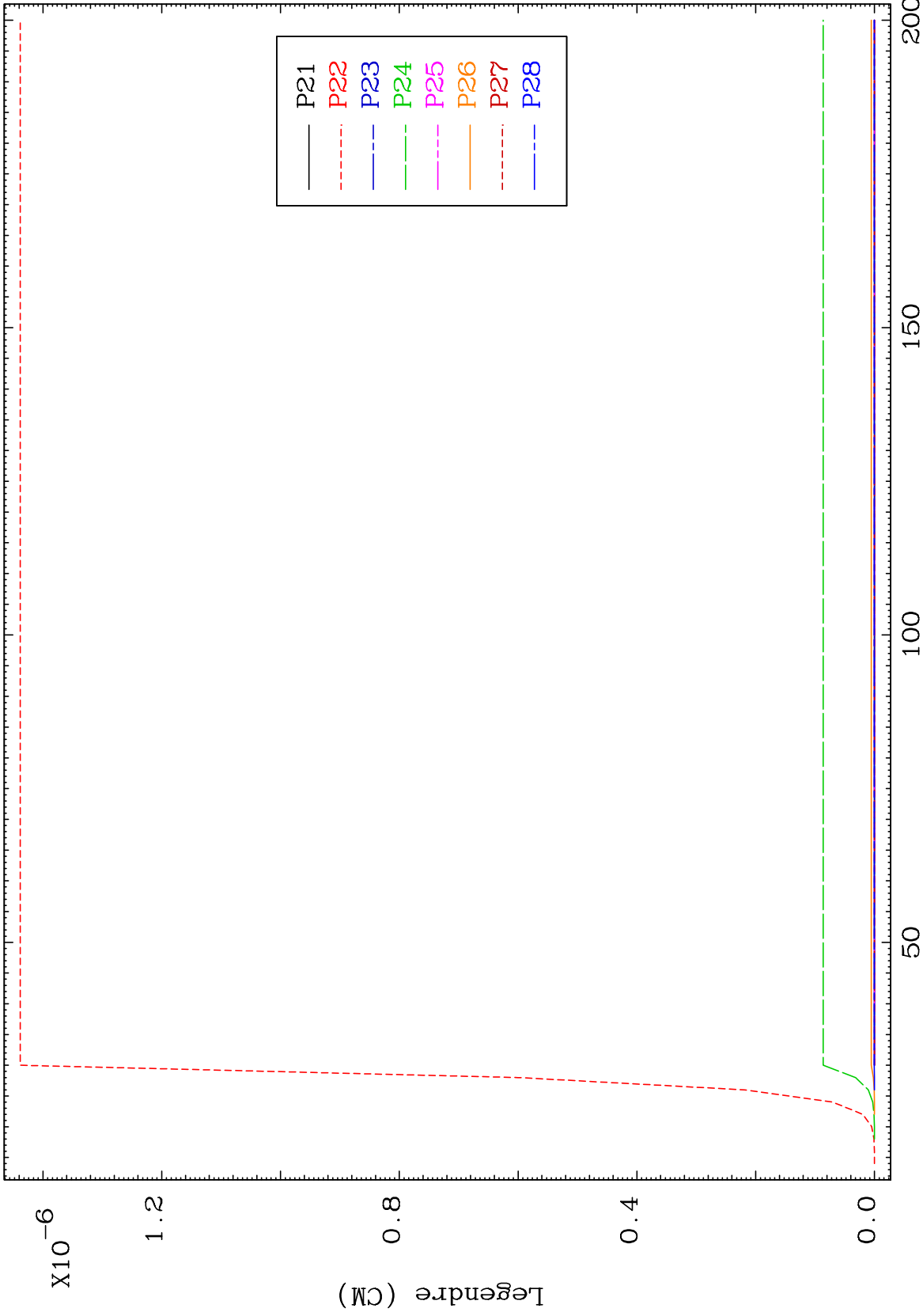
79-Au-188



MAT 7898

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

79-Au-188



24

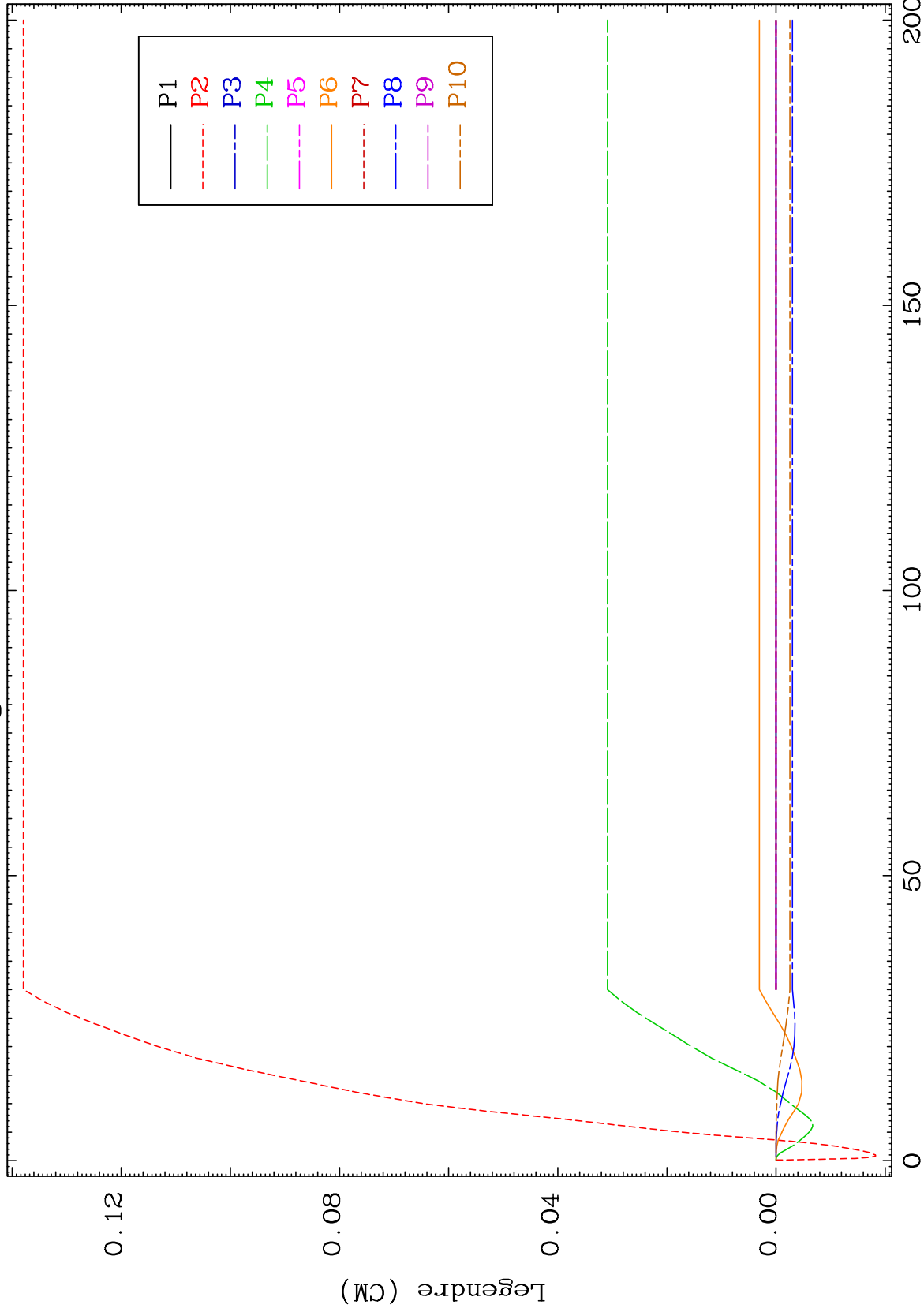
Incident Energy (MeV)

79-Au-188

MAT 7898

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

79-Au-188



79-Au-188

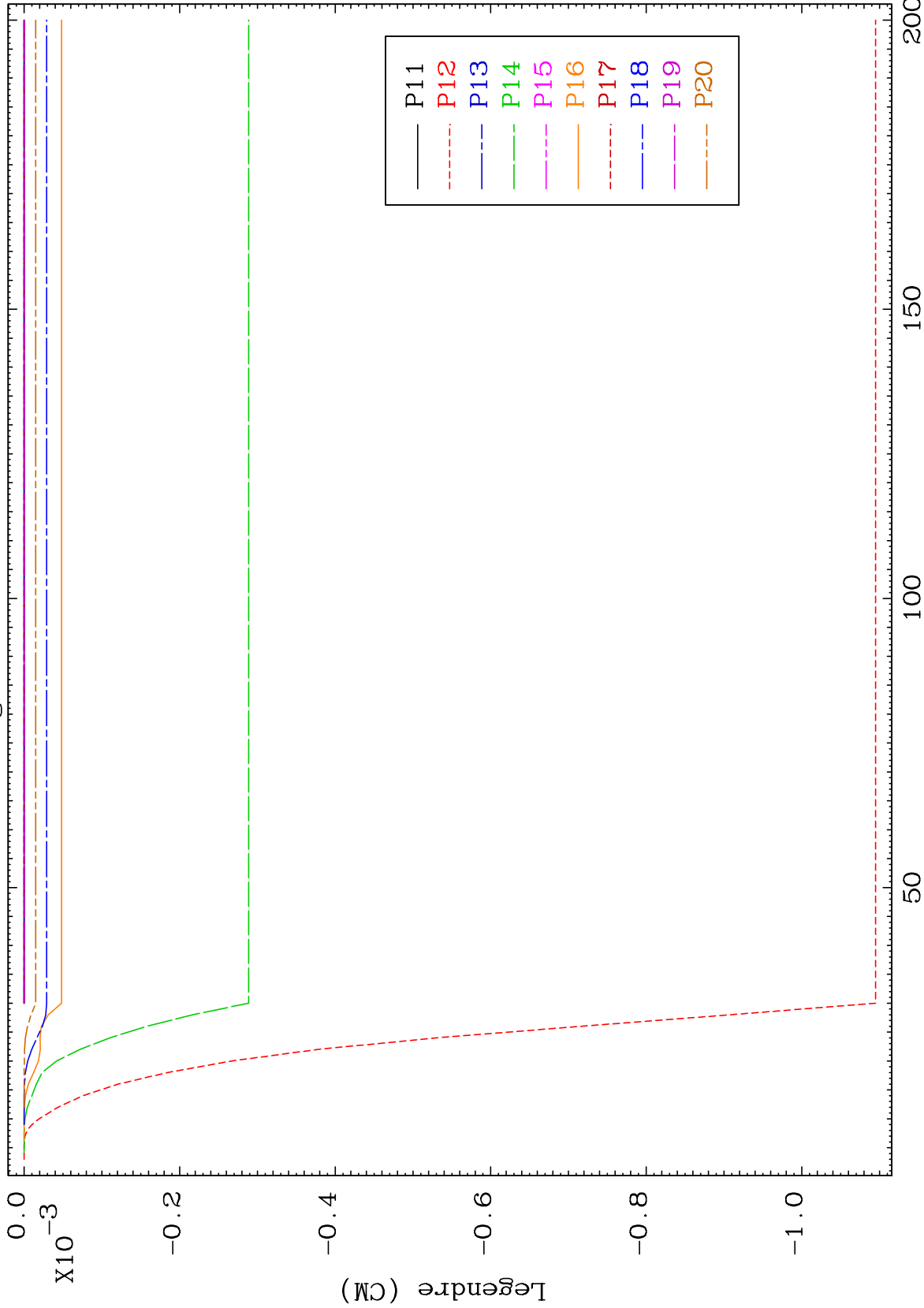
Incident Energy (MeV)

25

MAT 7898

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

79-Au-188



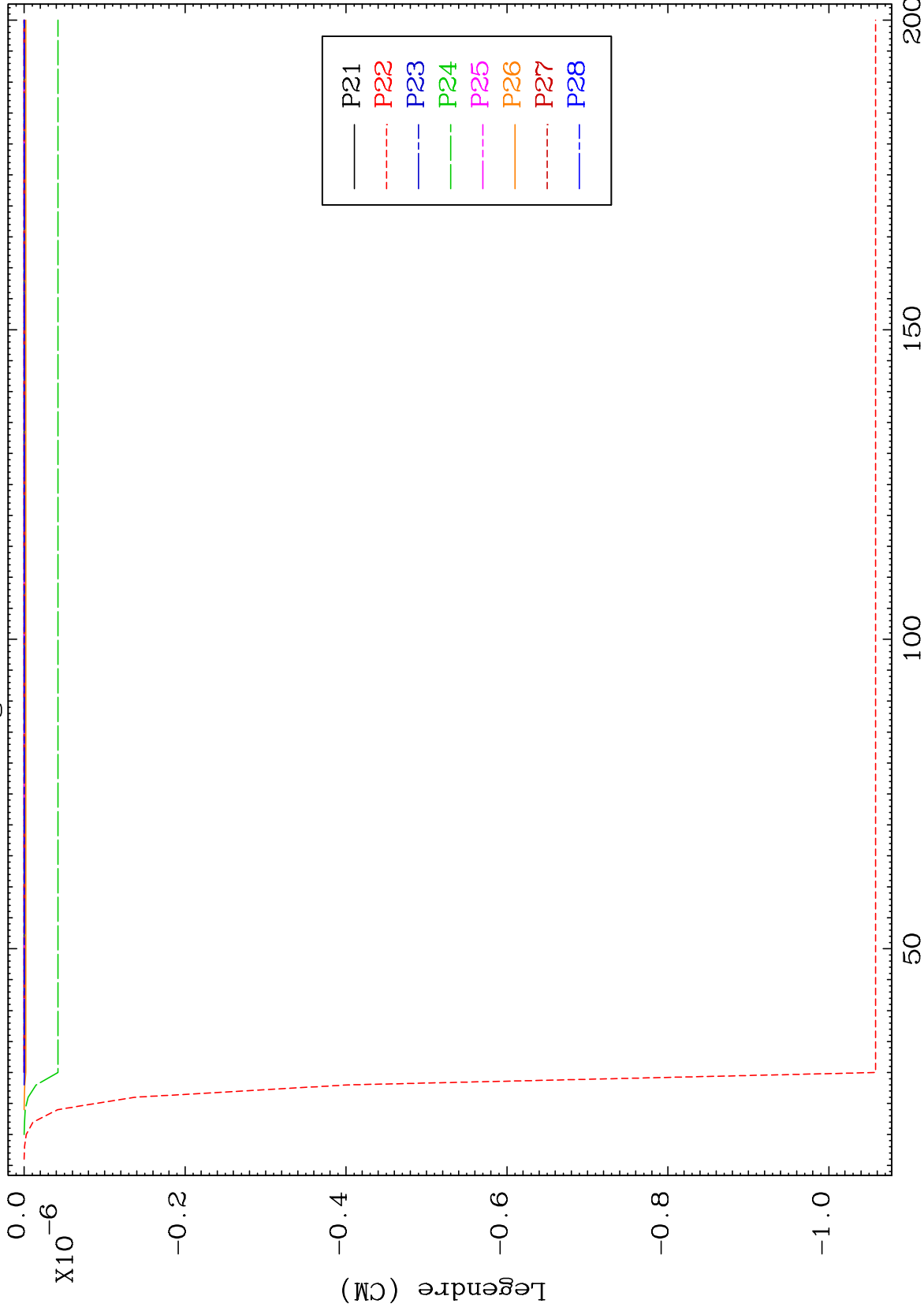
26

79-Au-188

MAT 7898

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

79-Au-188



27

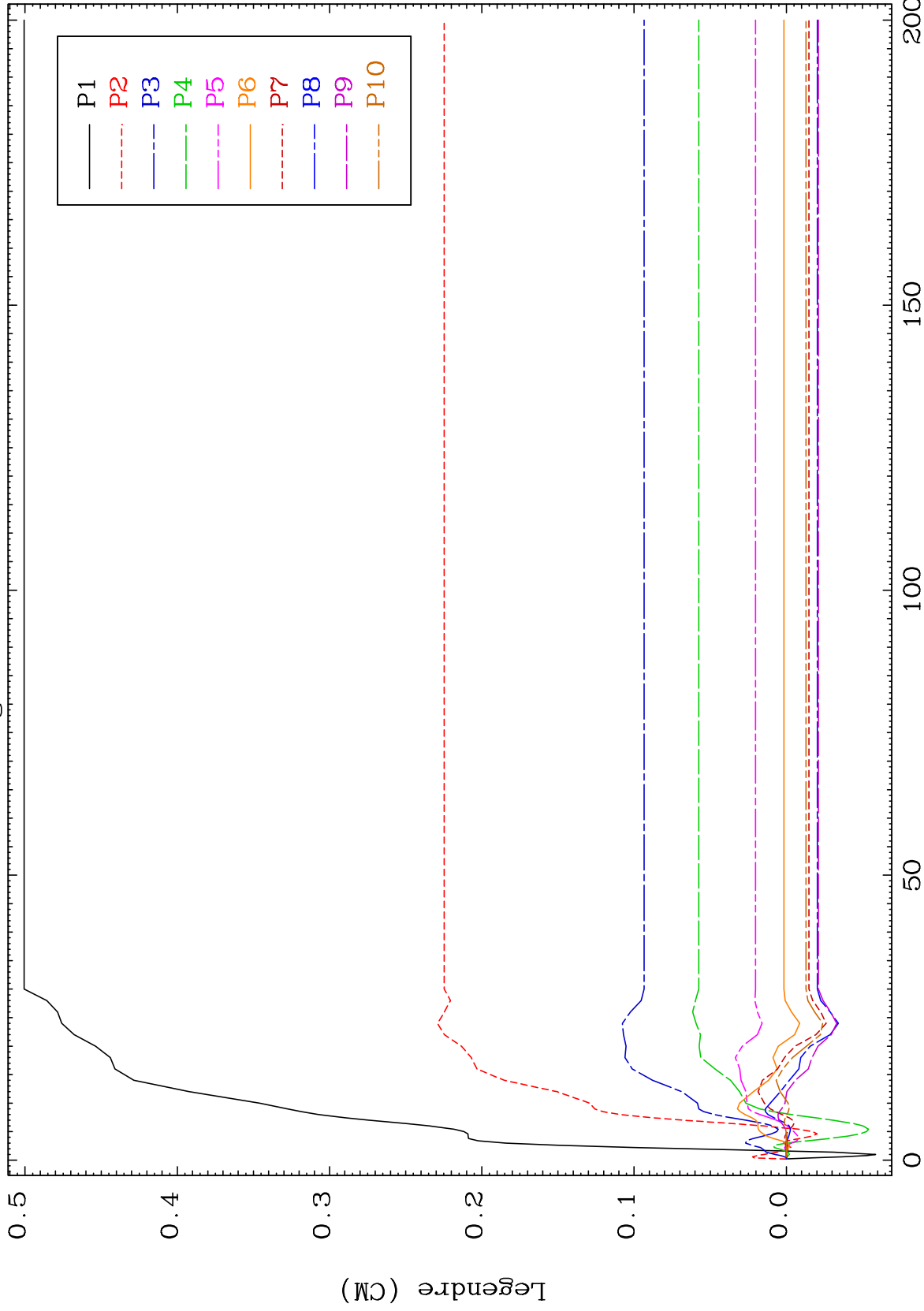
Incident Energy (MeV)

79-Au-188

MAT 7898

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

79-Au-188



28

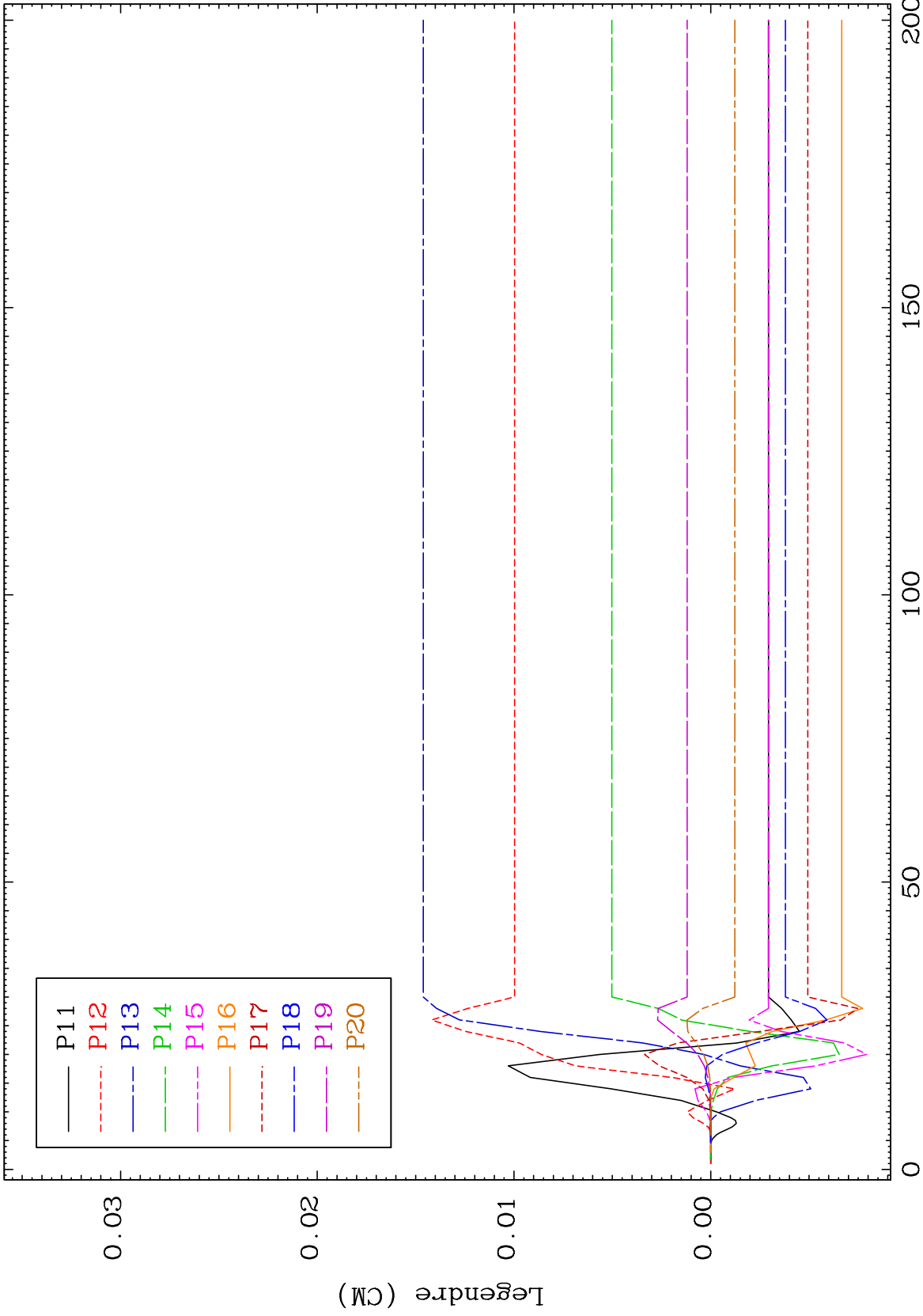
Incident Energy (MeV)

79-Au-188

MAT 7898

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

79-Au-188



29

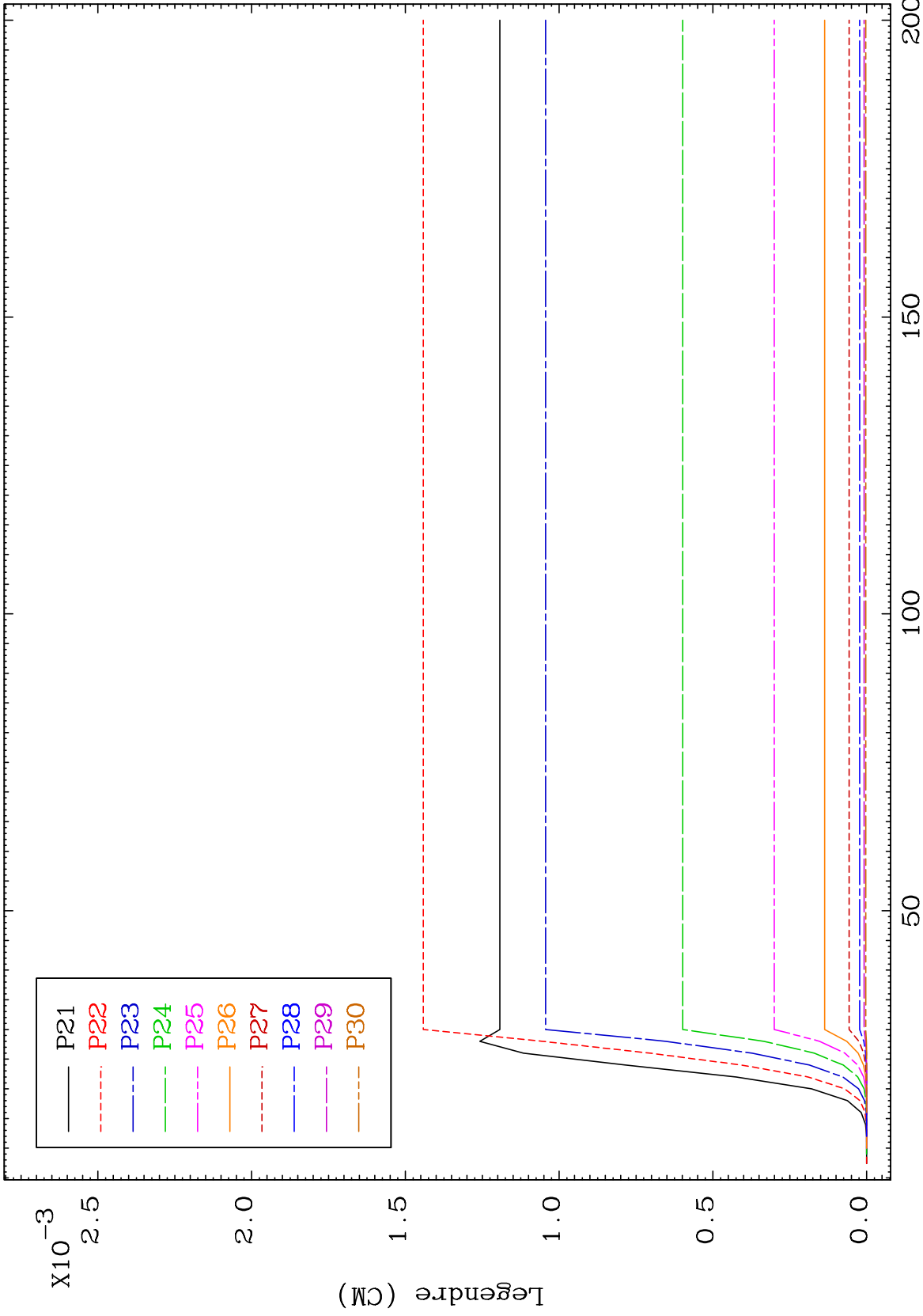
Incident Energy (MeV)

79-Au-188

MAT 7898

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

79-Au-188



30

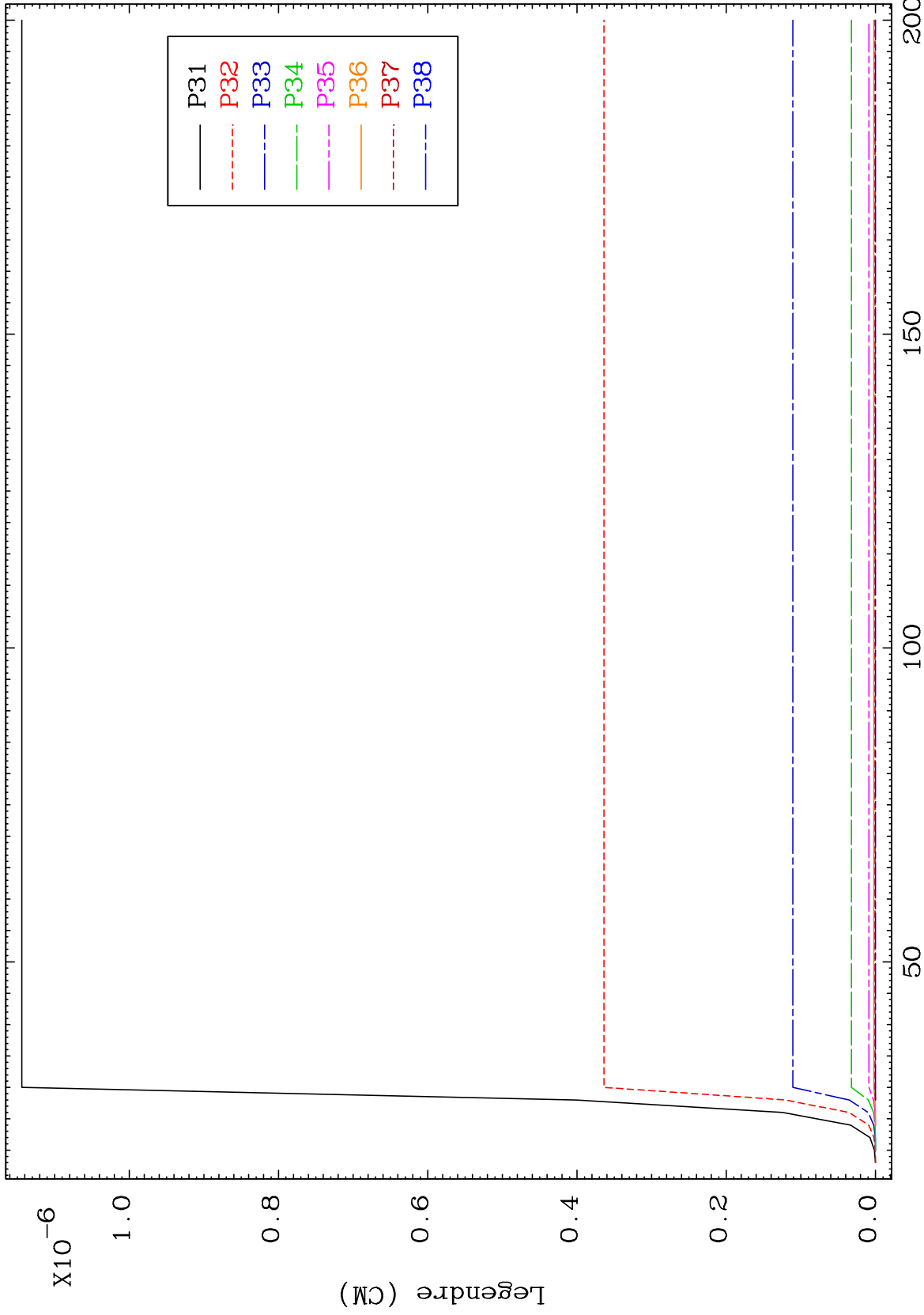
Incident Energy (MeV)

79-Au-188

MAT 7898

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

79-Au-188



31

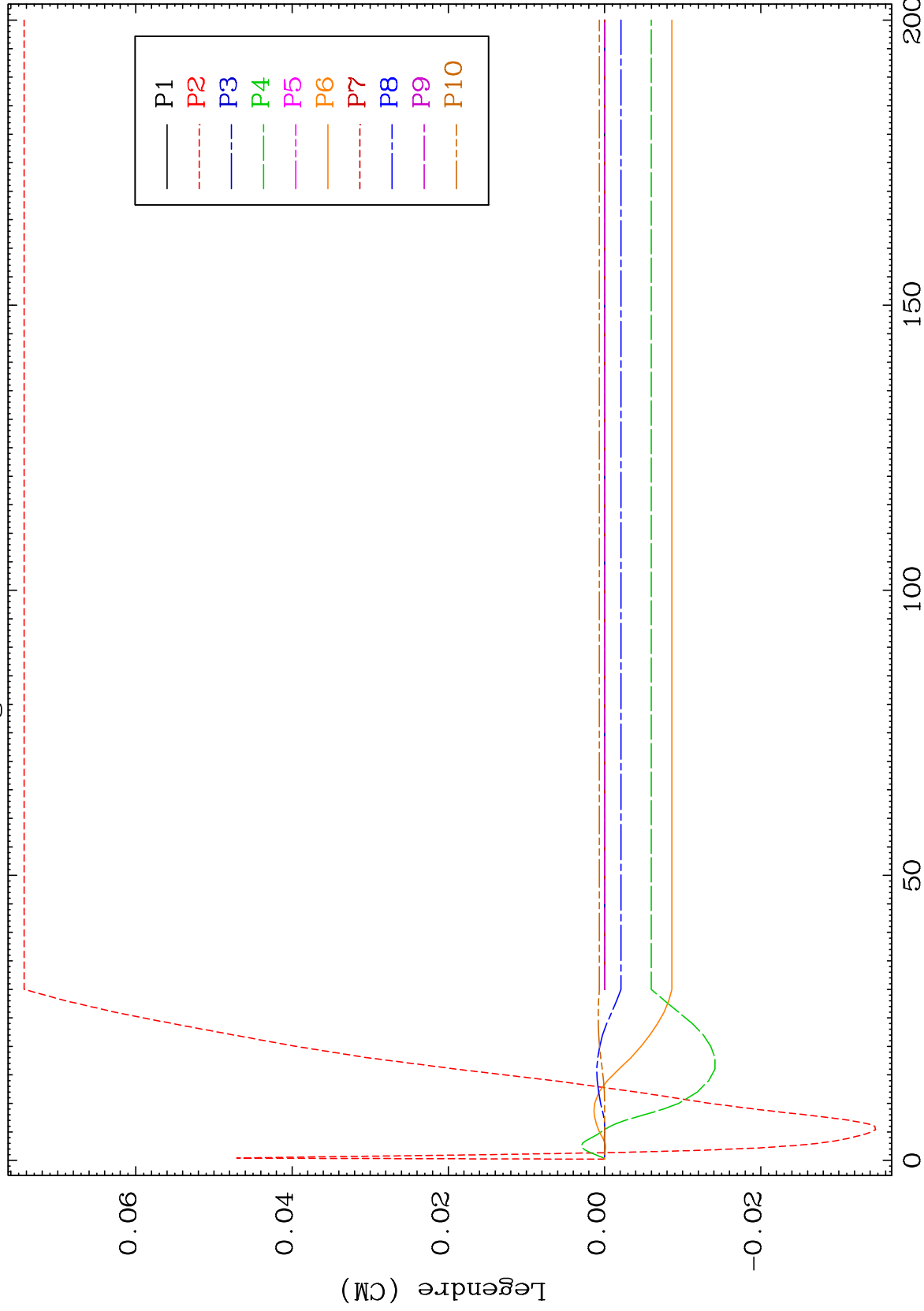
79-Au-188



MAT 7898

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

79-Au-188



32

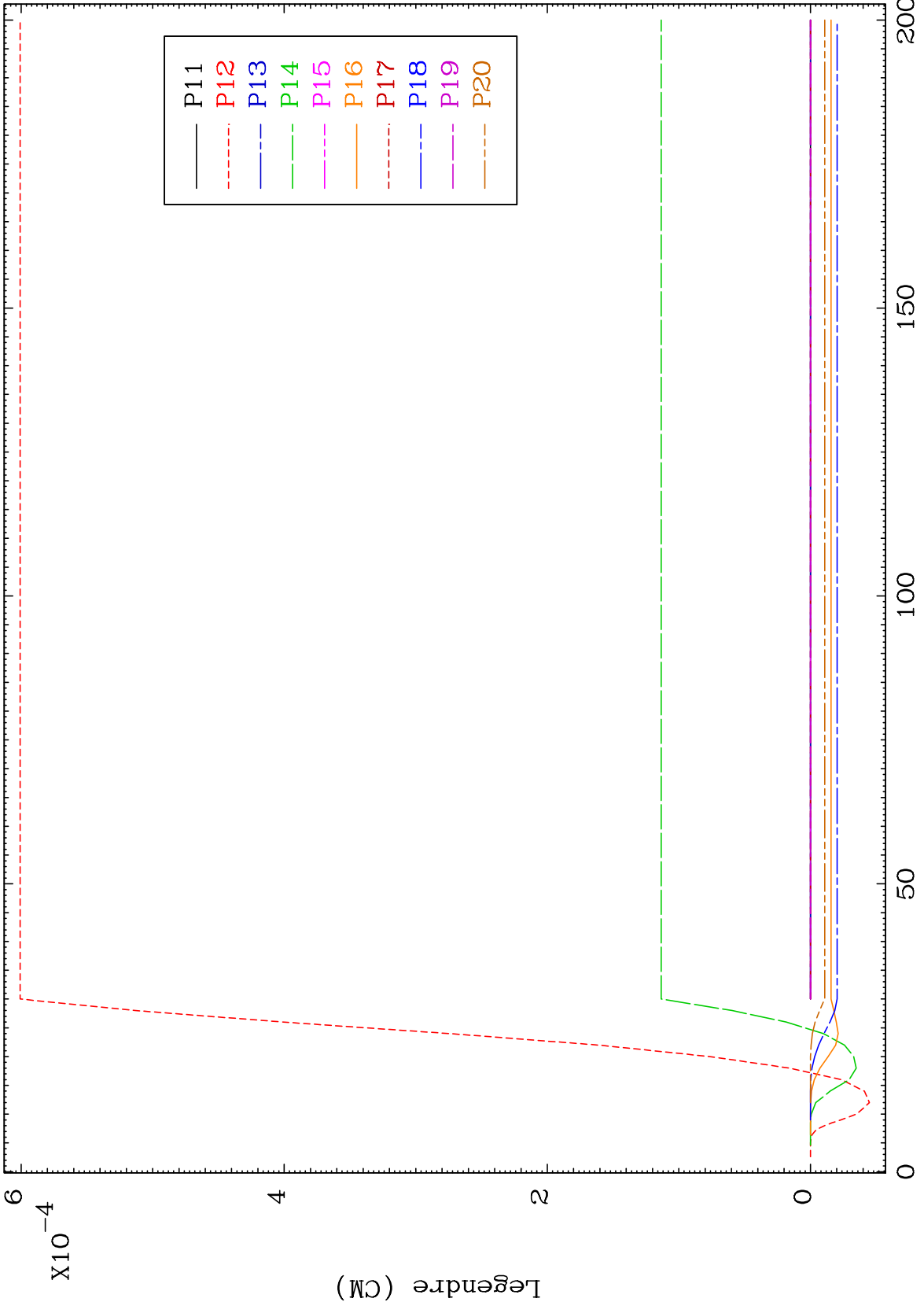
Incident Energy (MeV)

79-Au-188

MAT 7898

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

79-Au-188



33

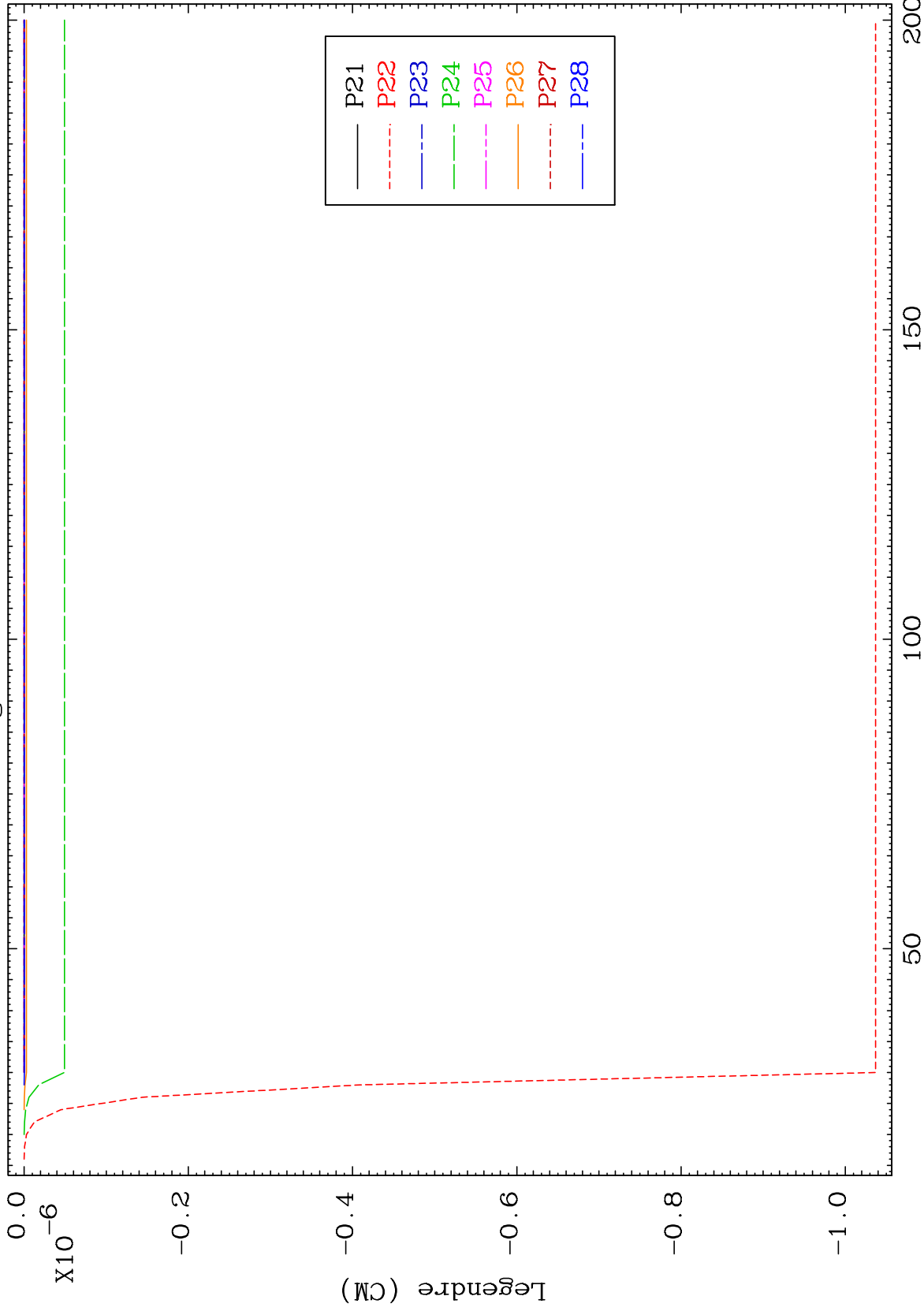
Incident Energy (MeV)

79-Au-188

MAT 7898

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

79-Au-188



34

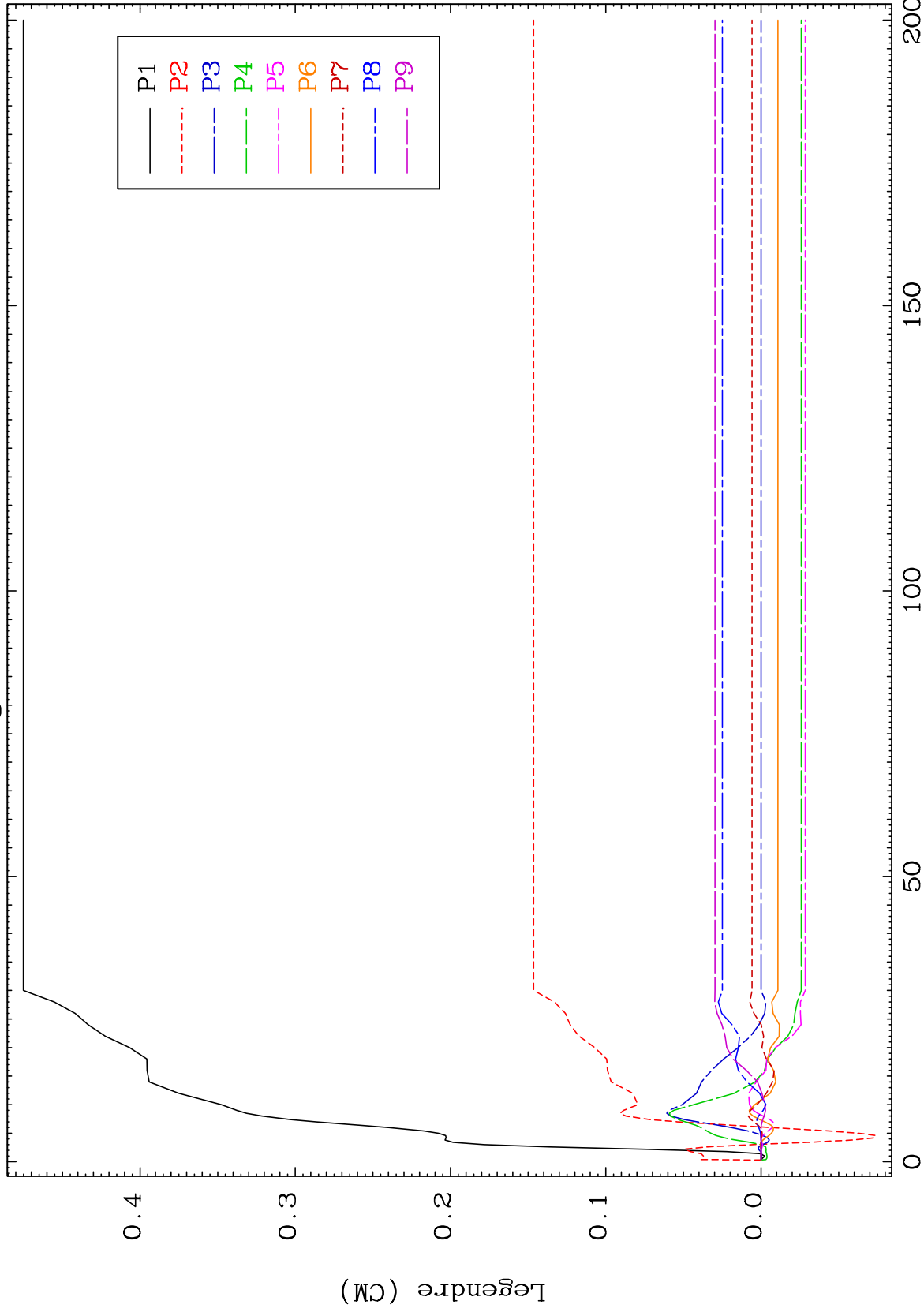
Incident Energy (MeV)

79-Au-188

MAT 7898

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

79-Au-188



35

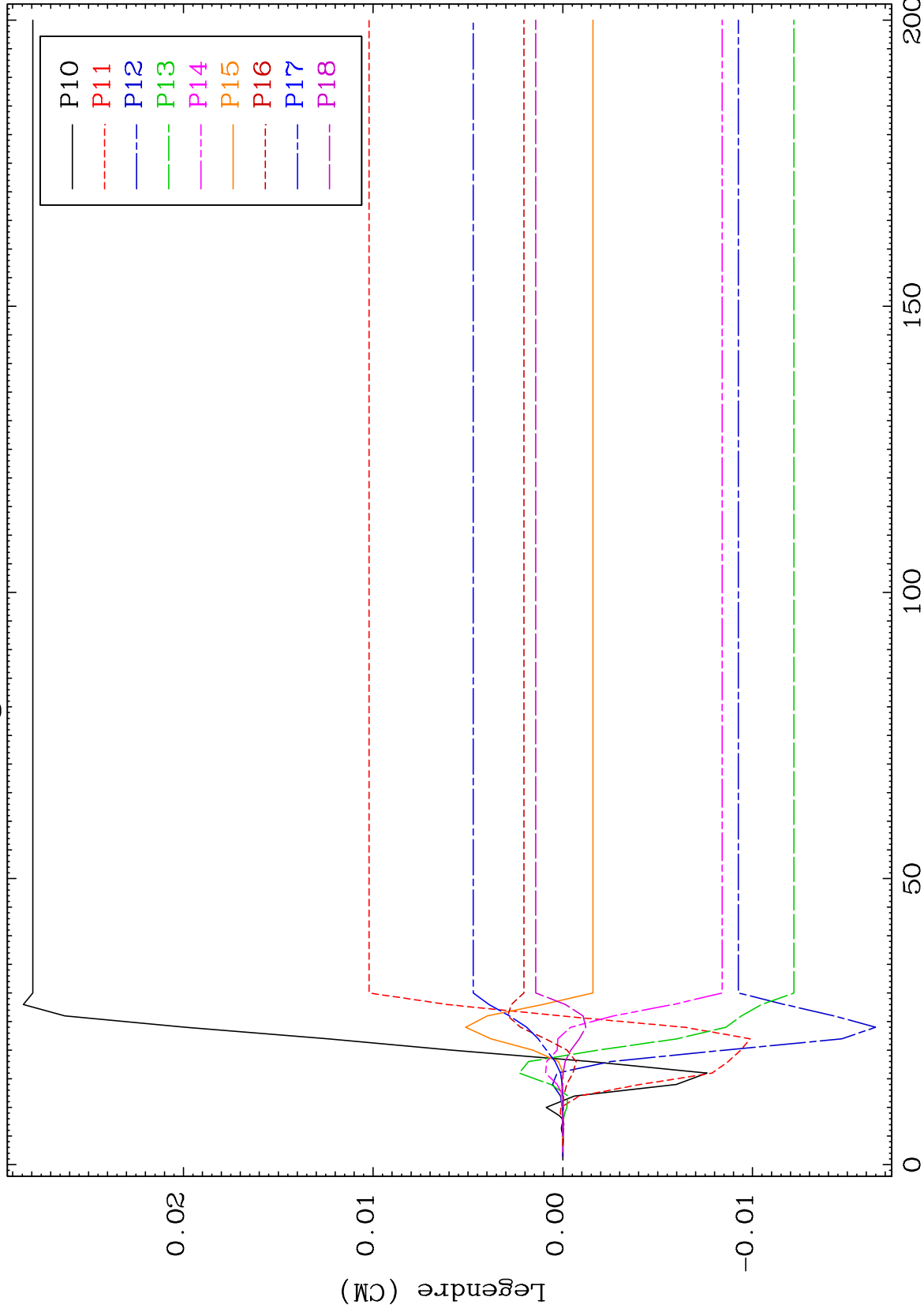
Incident Energy (MeV)

79-Au-188

MAT 7898

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

79-Au-188



36

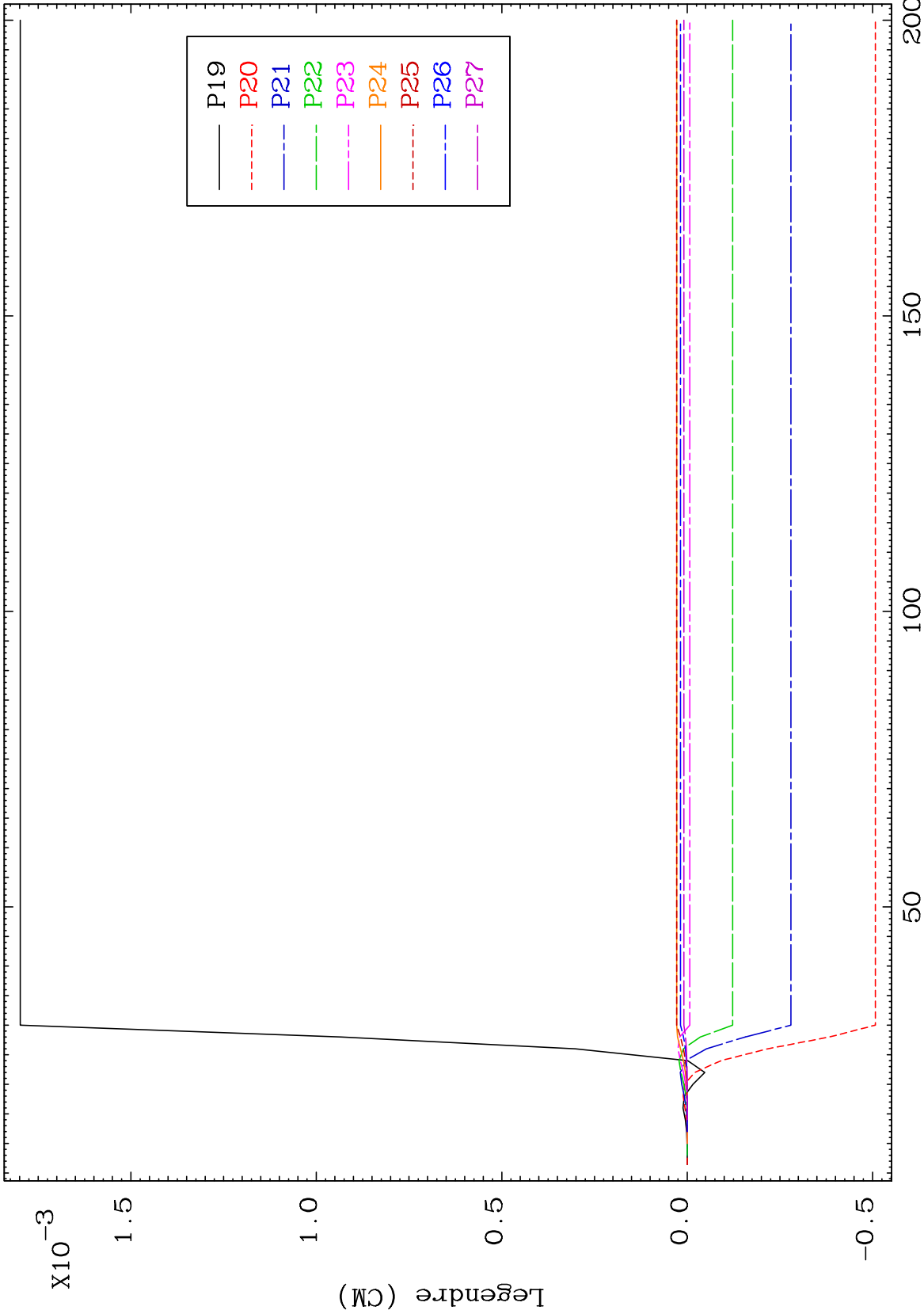
Incident Energy (MeV)

79-Au-188

MAT 7898

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

79-Au-188



37

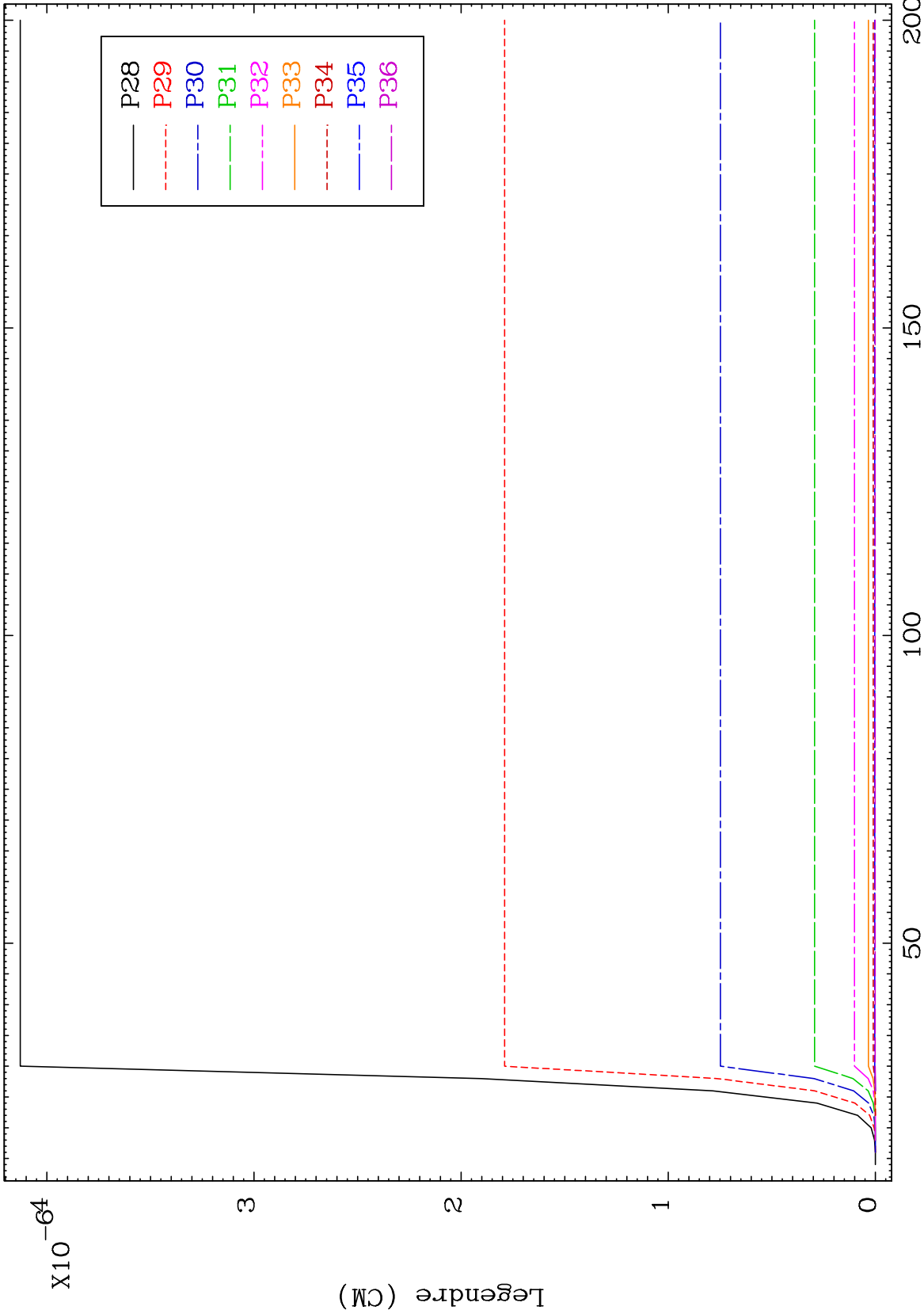
Incident Energy (MeV)

79-Au-188

MAT 7898

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

79-Au-188



38

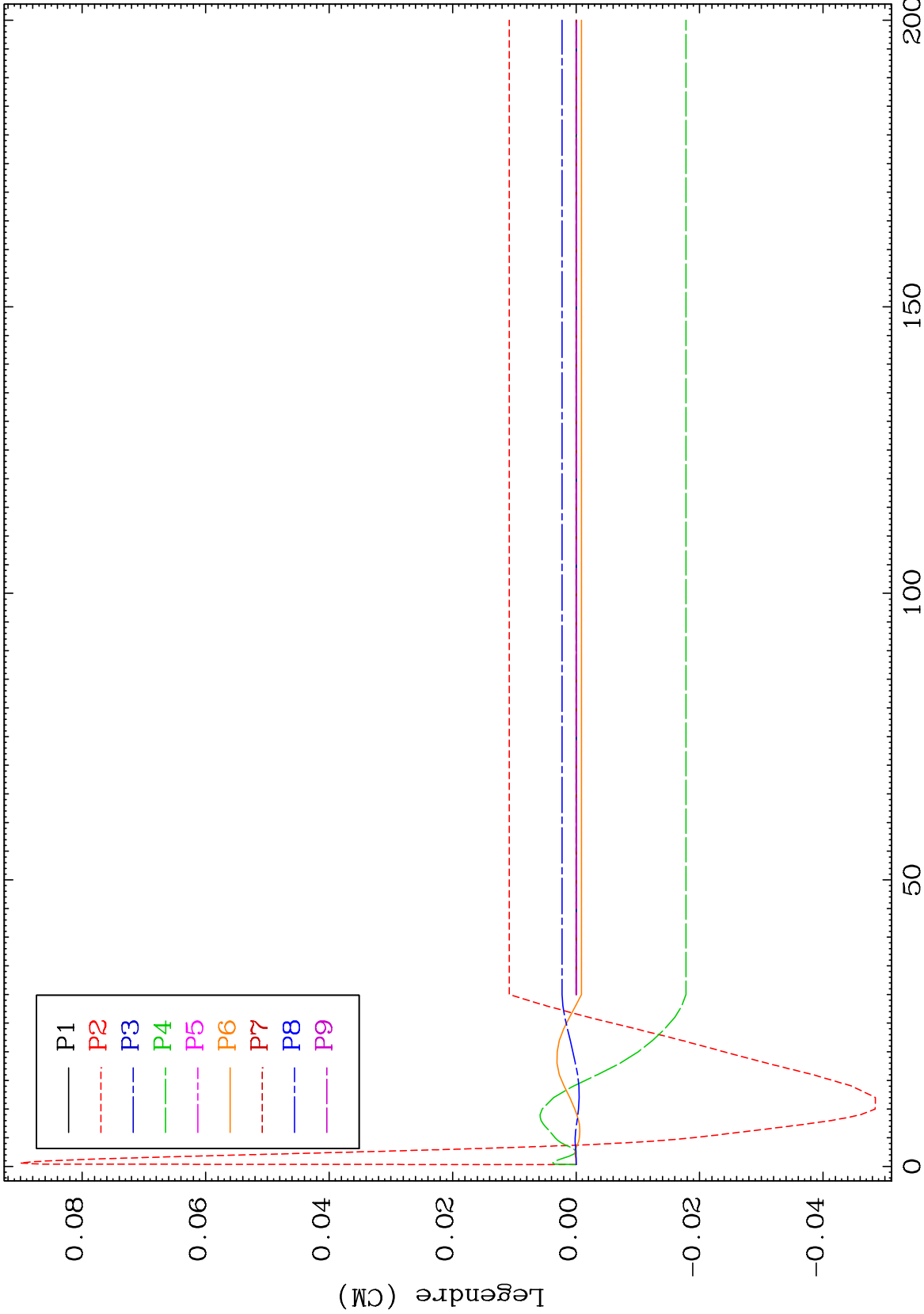
Incident Energy (MeV)

79-Au-188

MAT 7898

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

79-Au-188



39

Incident Energy (MeV)

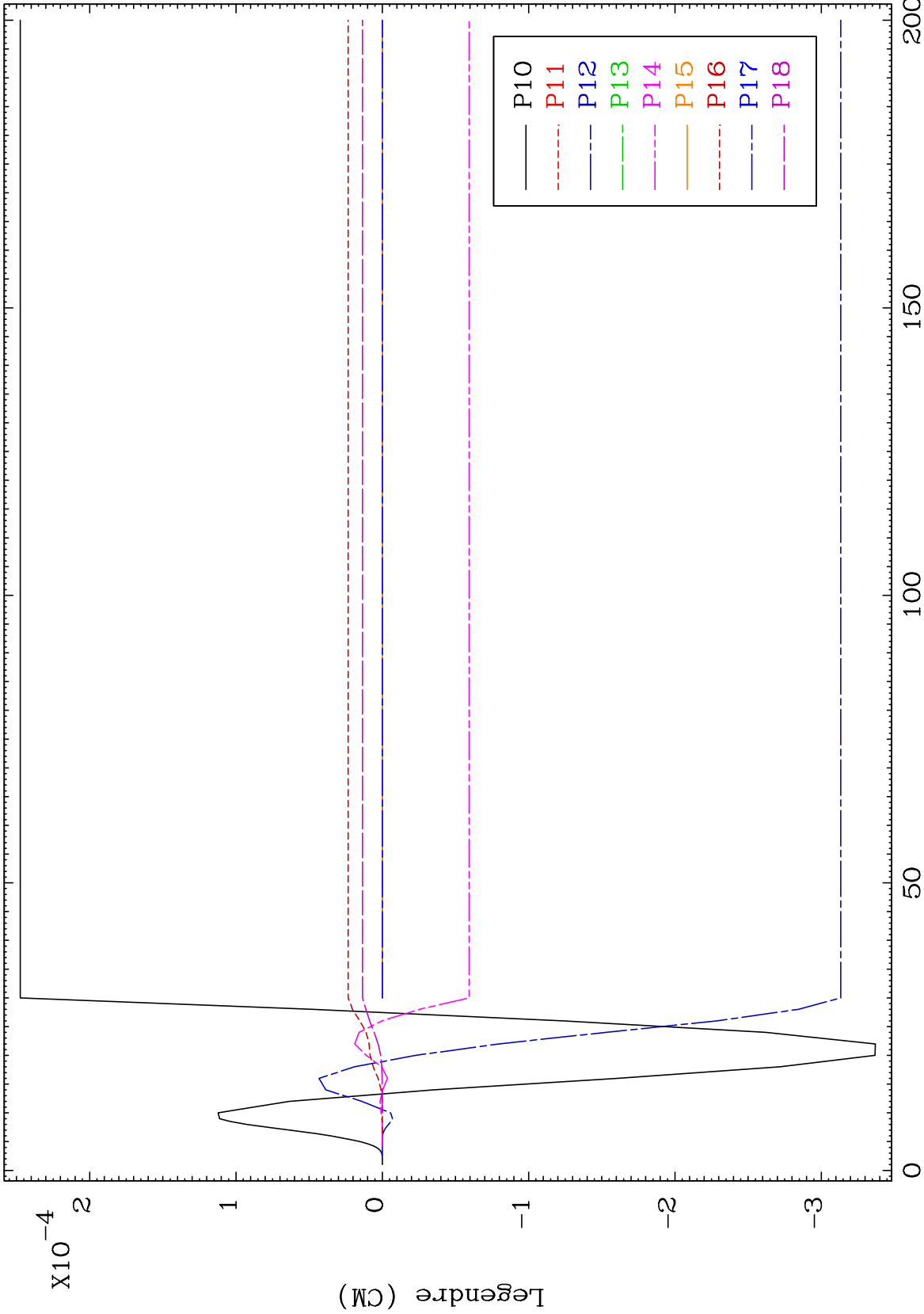
79-Au-188



MAT 7898

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

79-Au-188



40

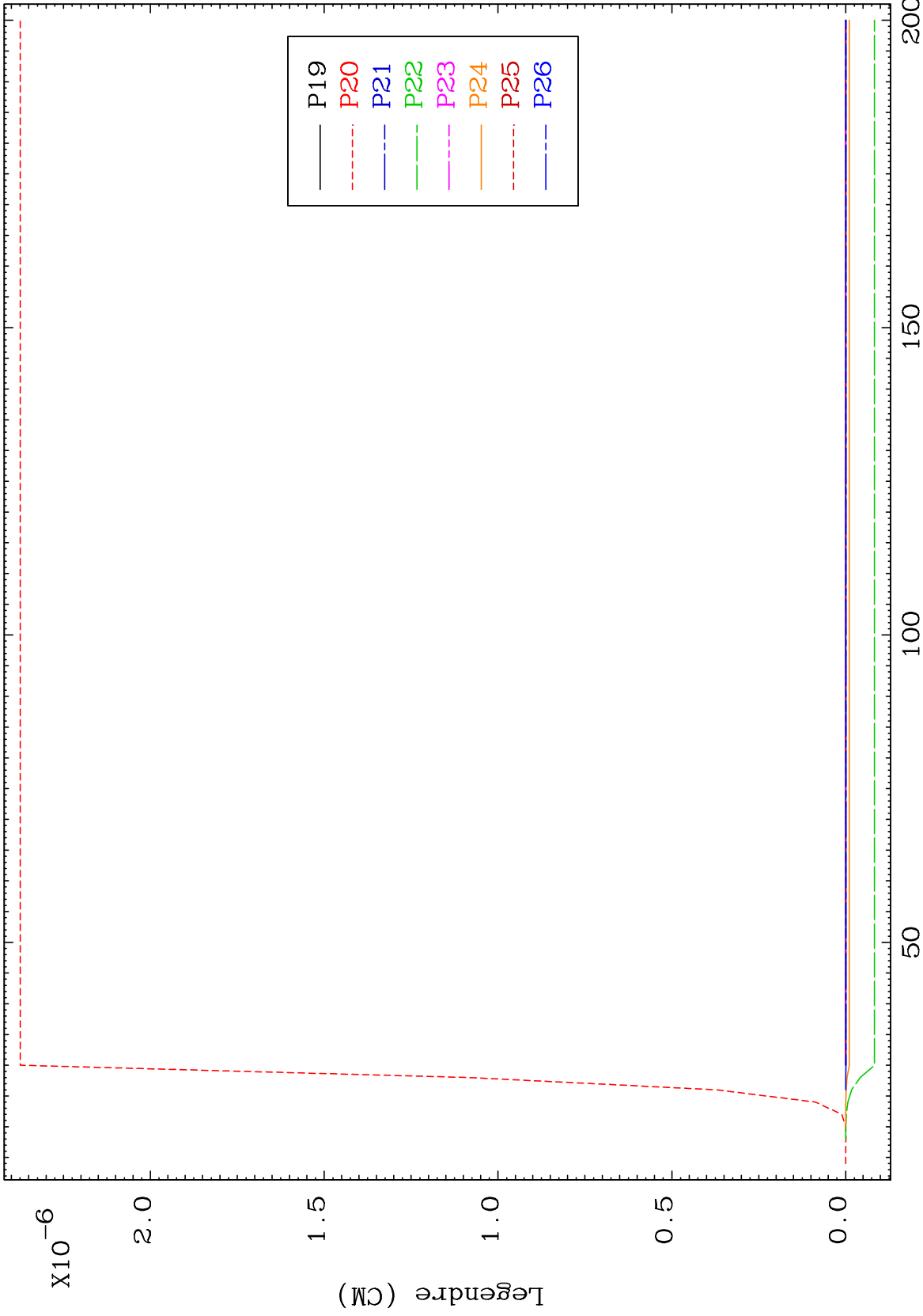
Incident Energy (MeV)

79-Au-188

MAT 7898

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

79-Au-188



41

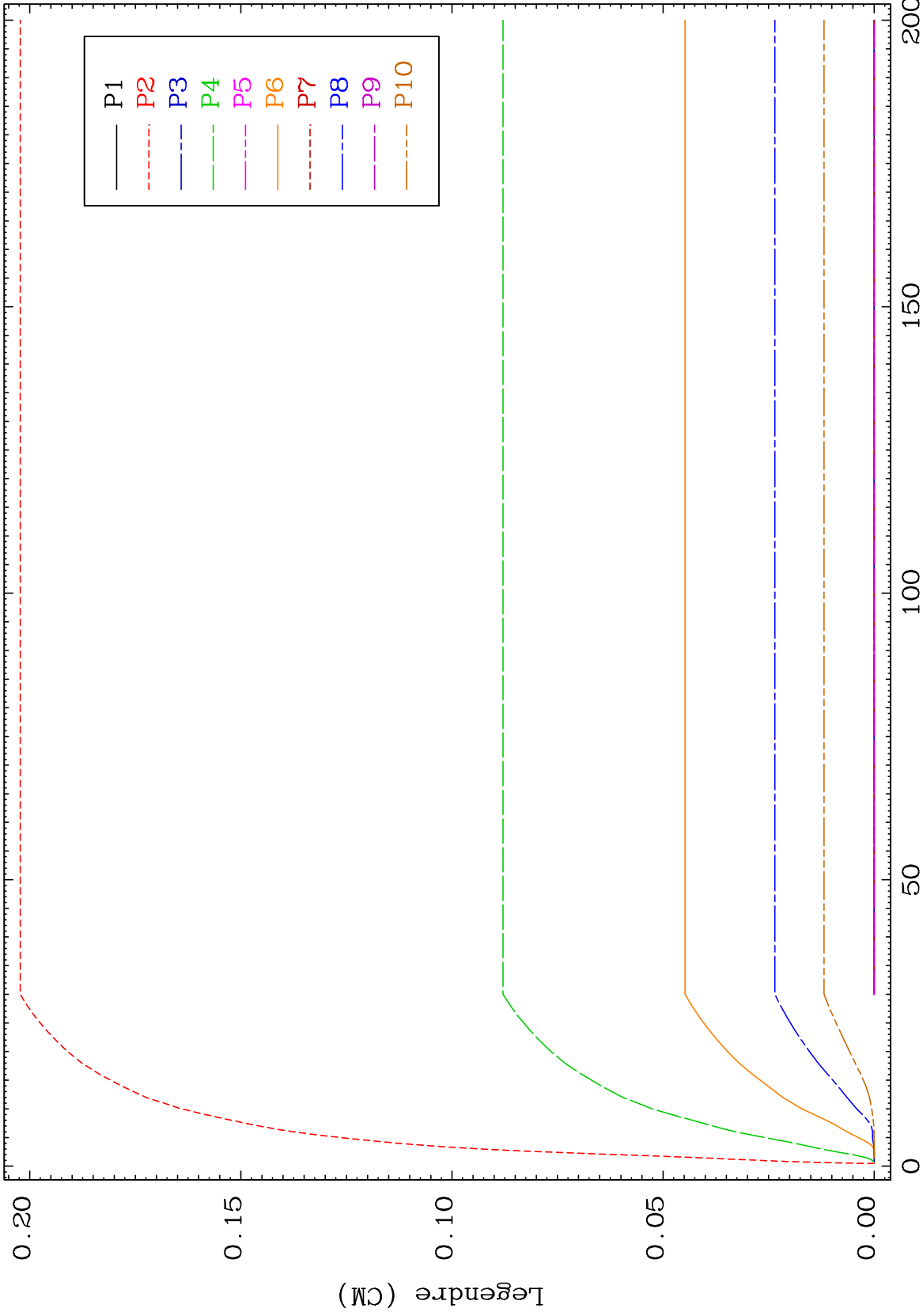
Incident Energy (MeV)

79-Au-188

MAT 7898

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

79-Au-188



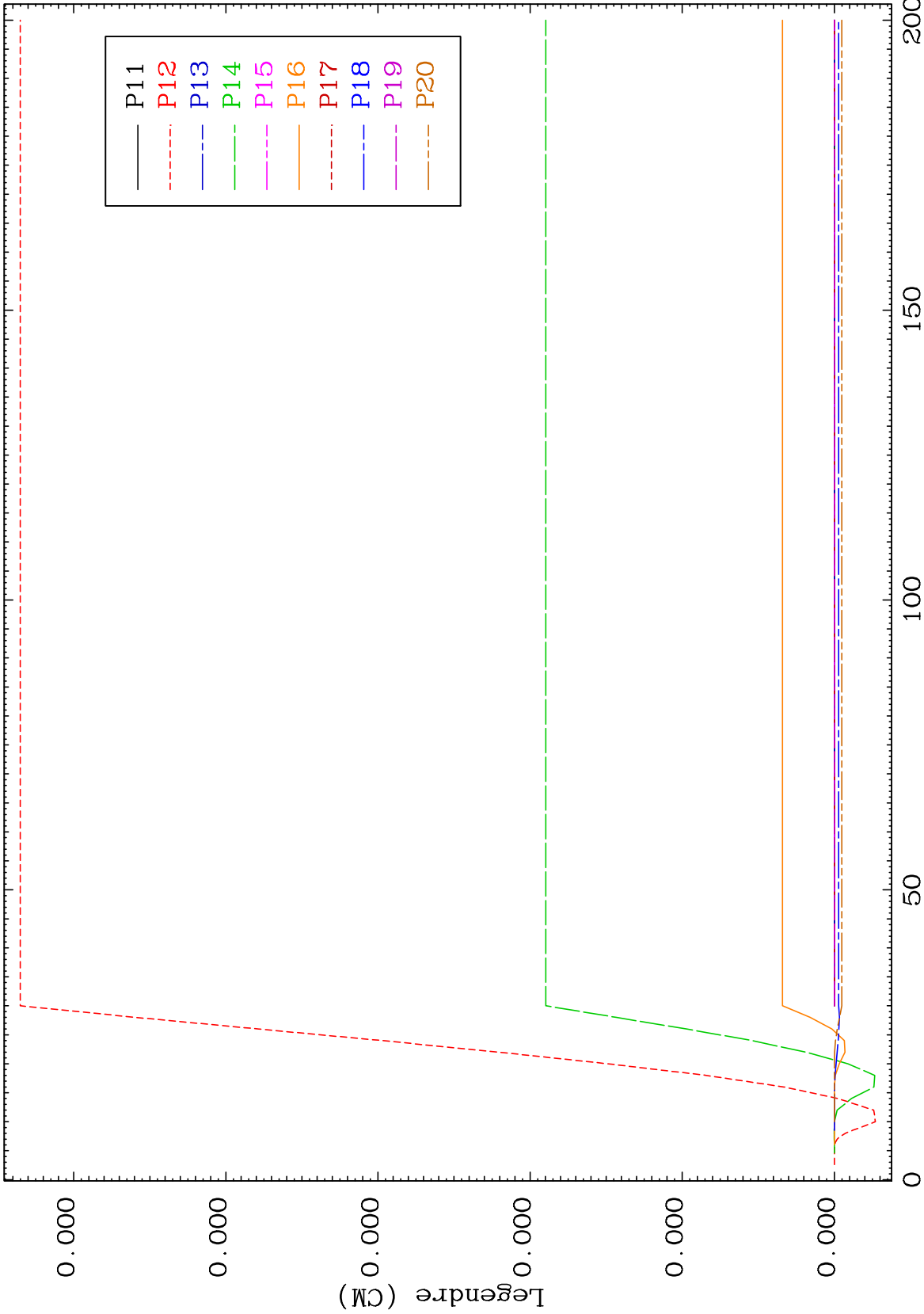
42

79-Au-188

MAT 7898

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

79-Au-188



43

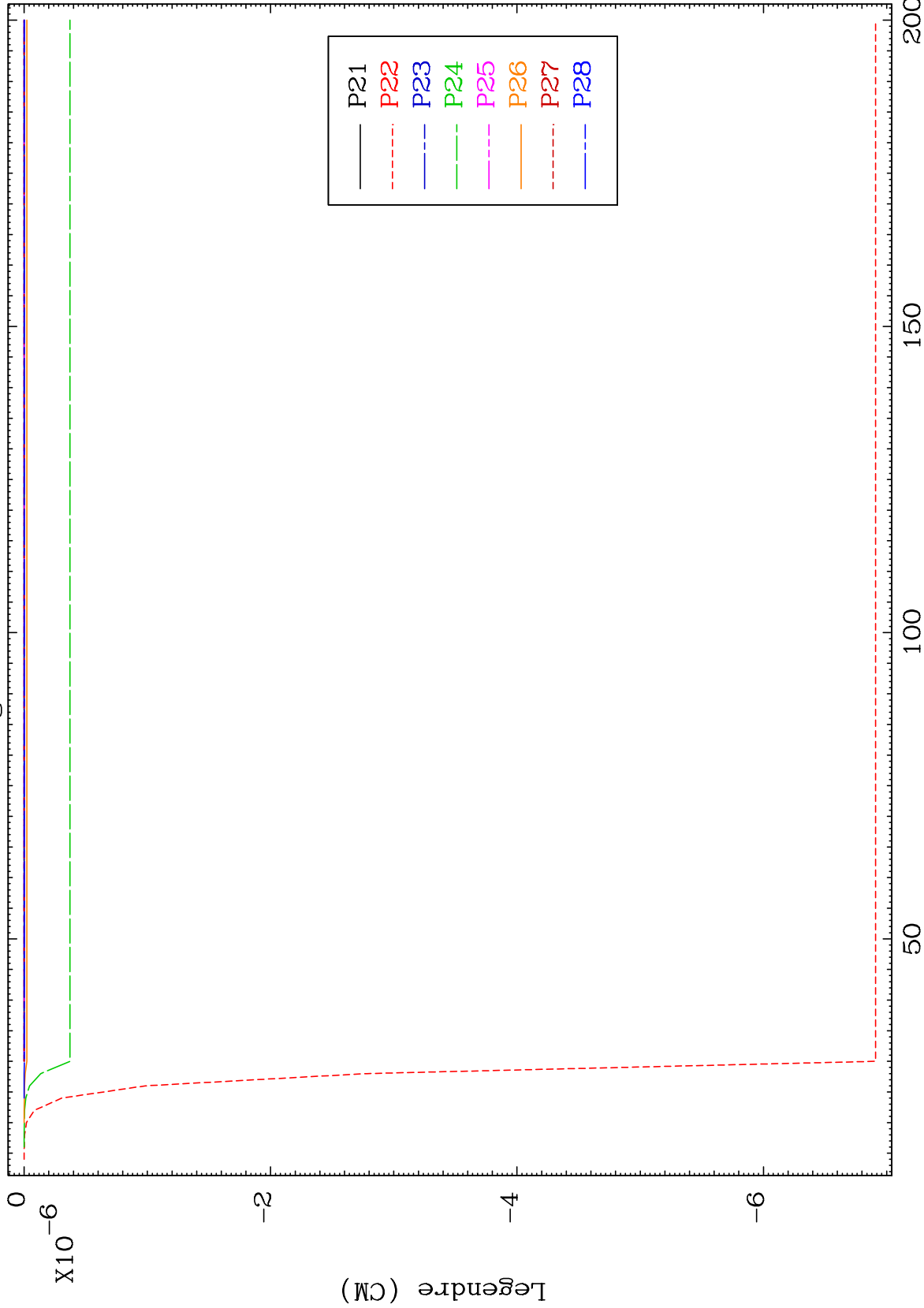
Incident Energy (MeV)

79-Au-188

MAT 7898

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

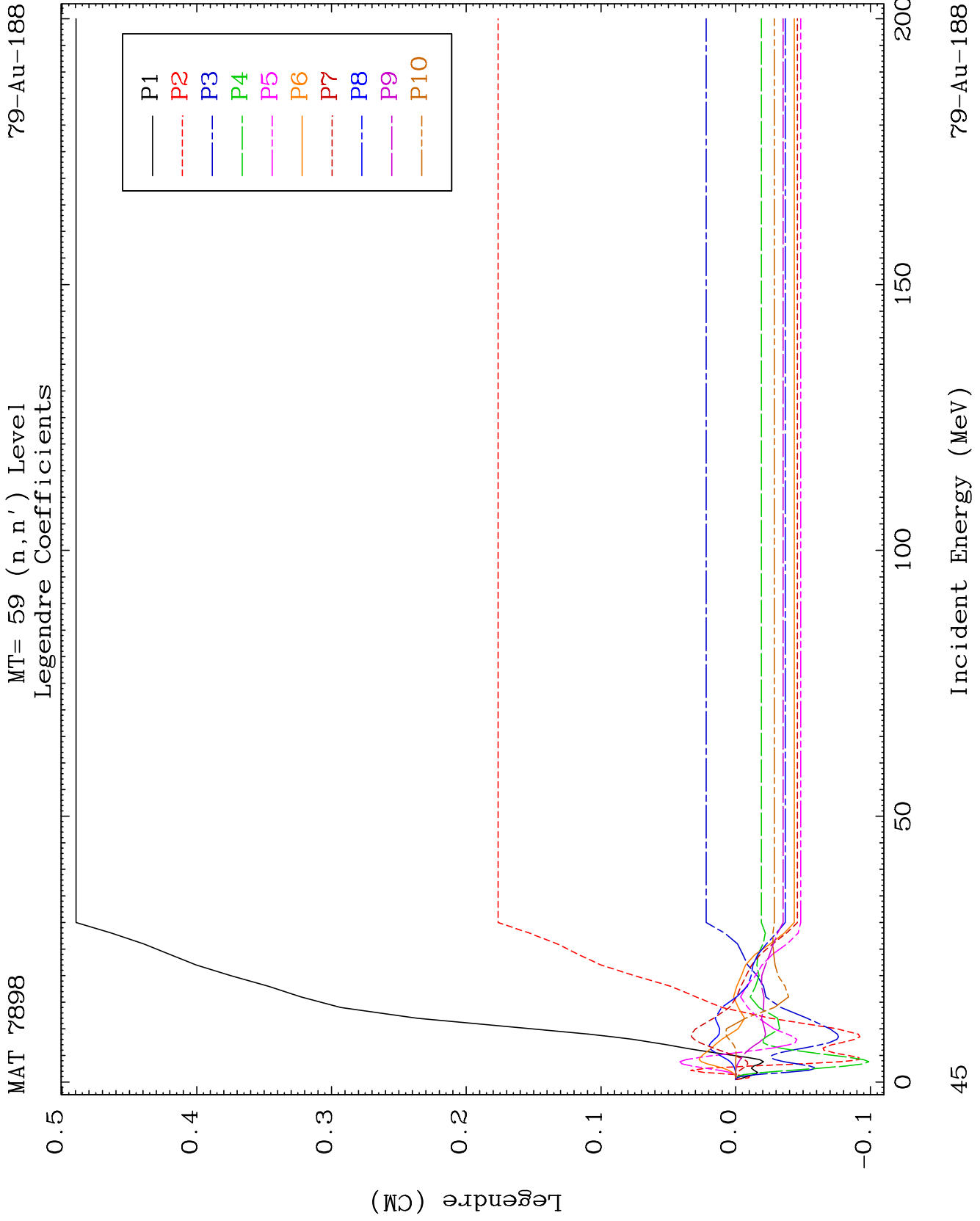
79-Au-188



44

Incident Energy (MeV)

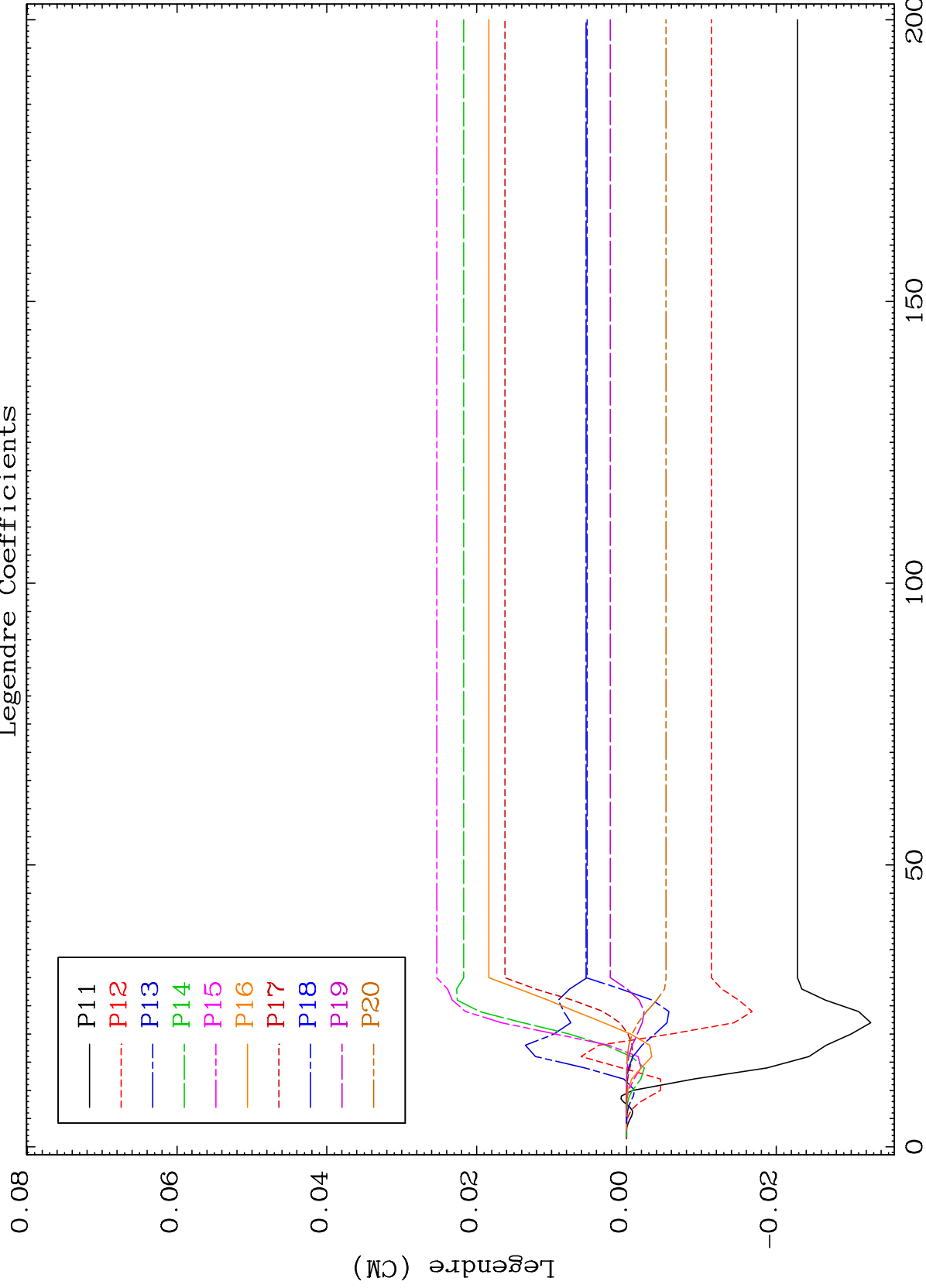
79-Au-188



MAT 7898

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

79-Au-188



46

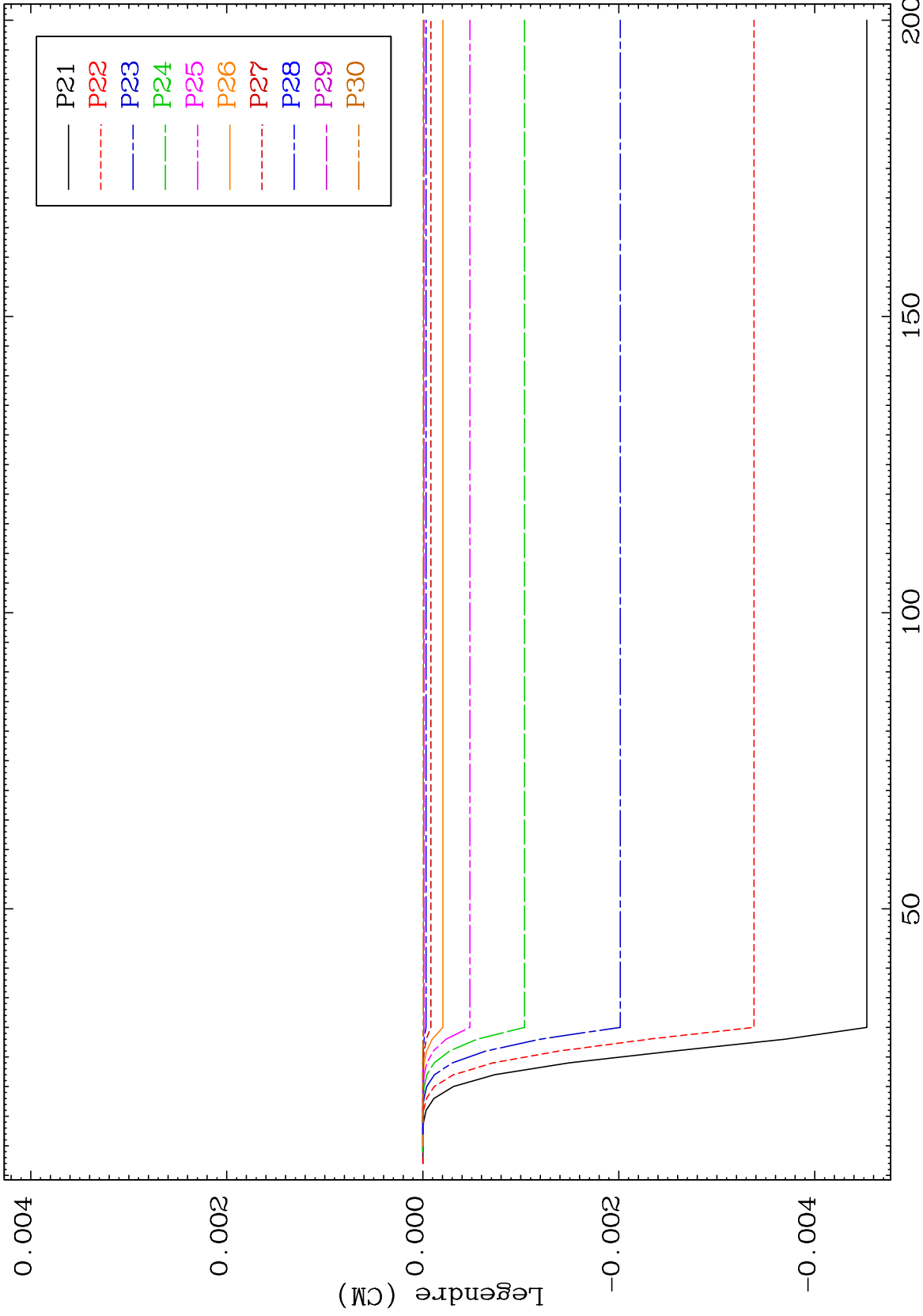
Incident Energy (MeV)

79-Au-188

MAT 7898

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

79-Au-188



47

Incident Energy (MeV)

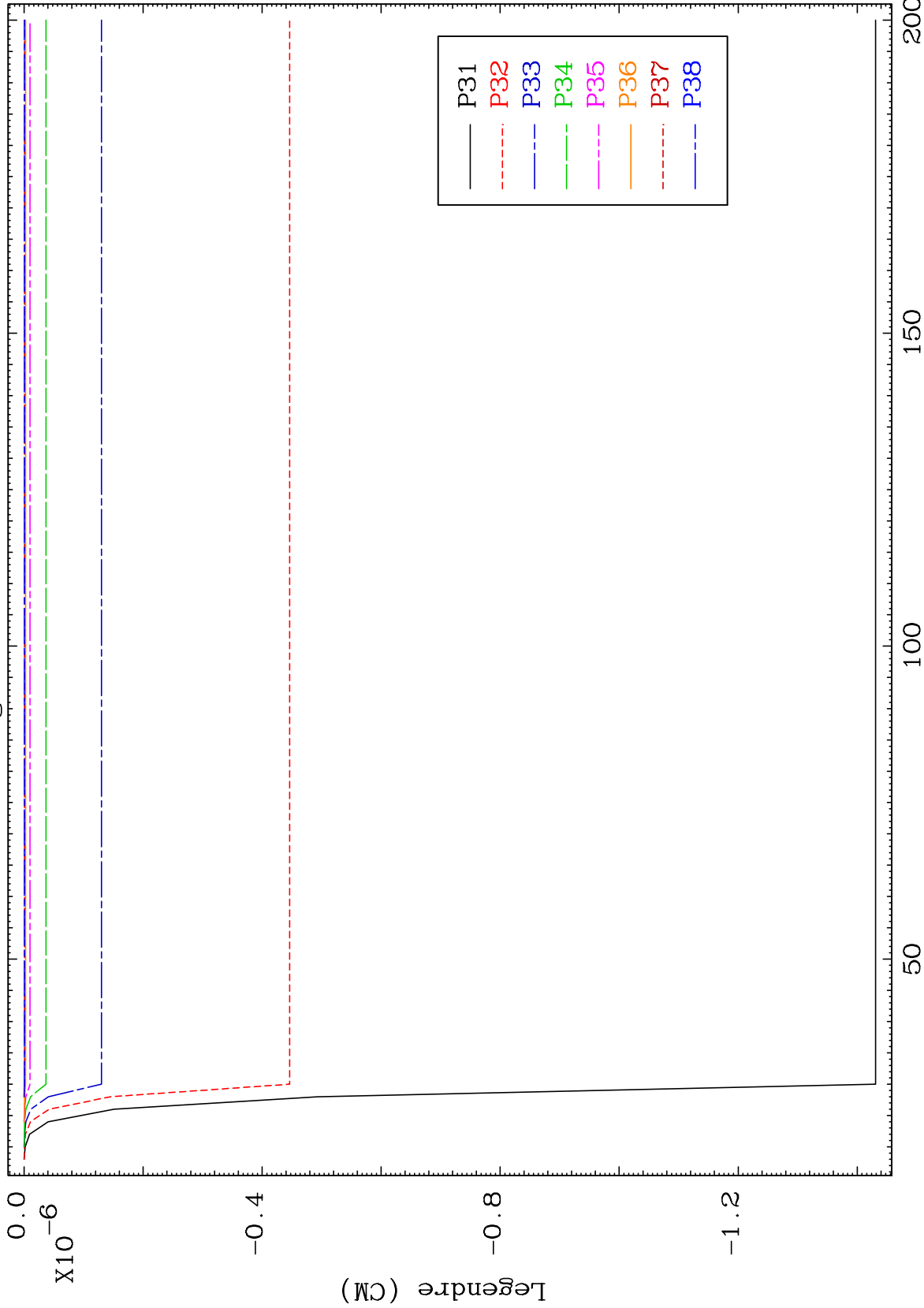
79-Au-188



MAT 7898

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

79-Au-188



48

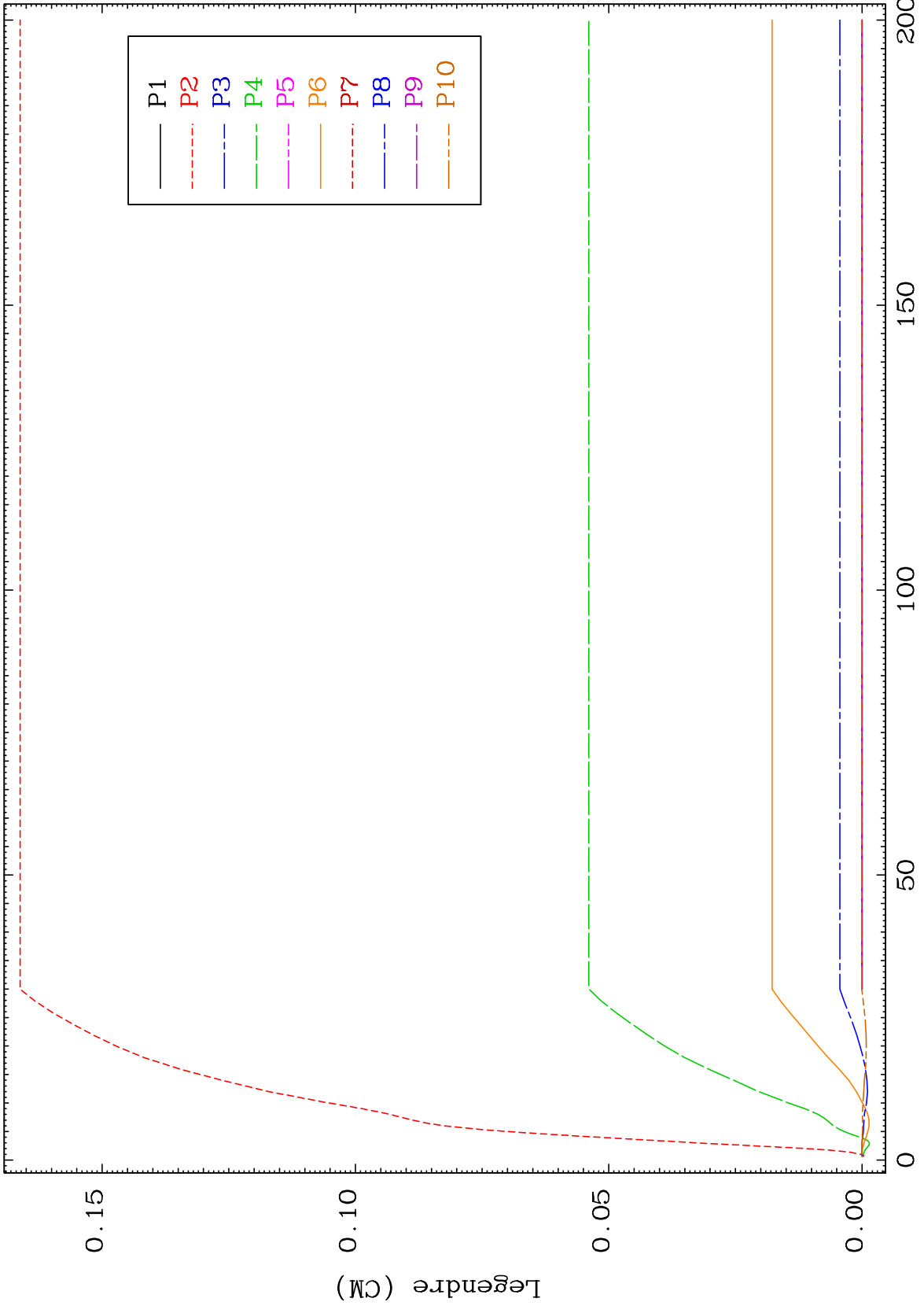
Incident Energy (MeV)

79-Au-188

MAT 7898

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

79-Au-188



49

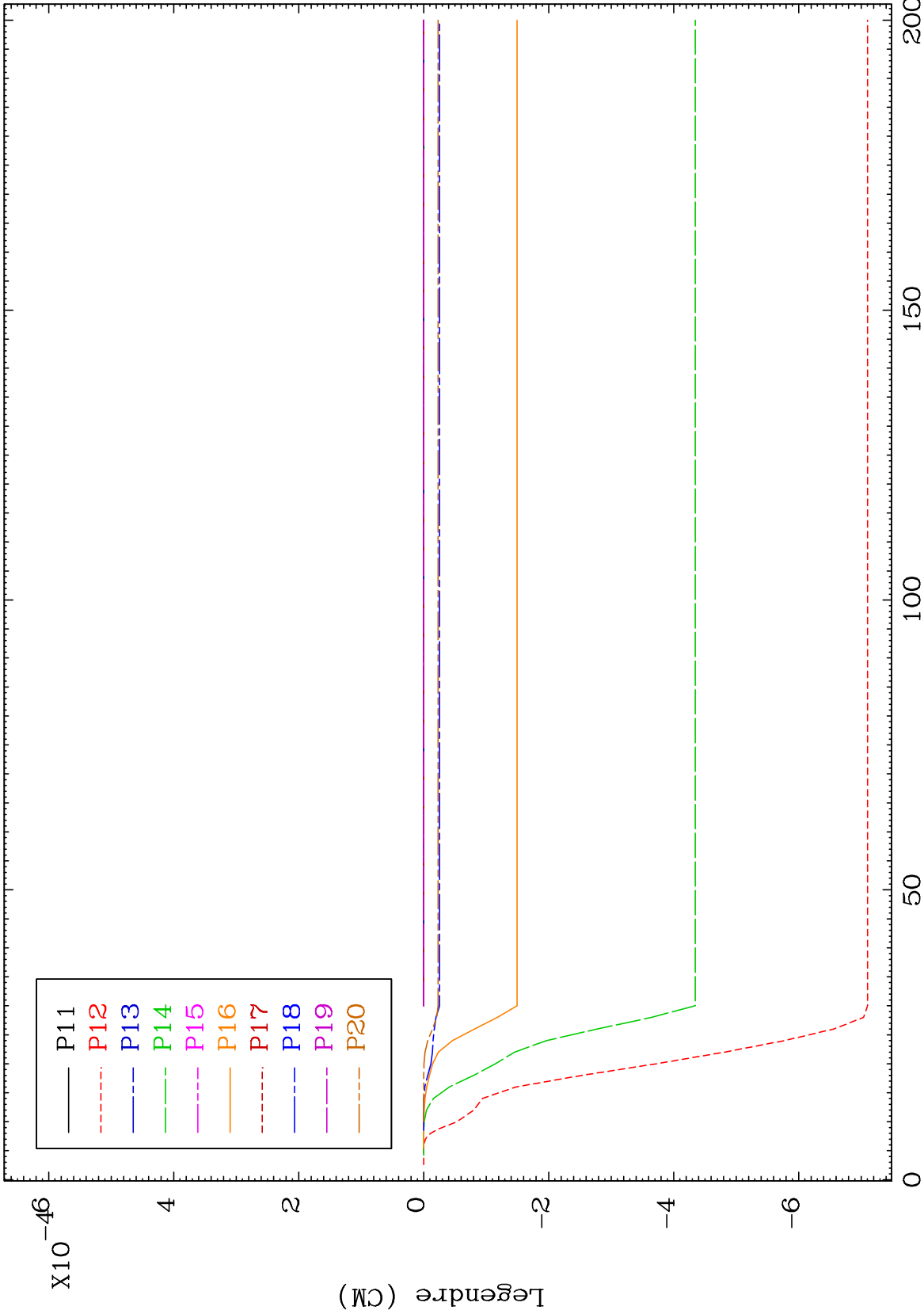
Incident Energy (MeV)

79-Au-188

MAT 7898

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

79-Au-188



50

Incident Energy (MeV)

100

150

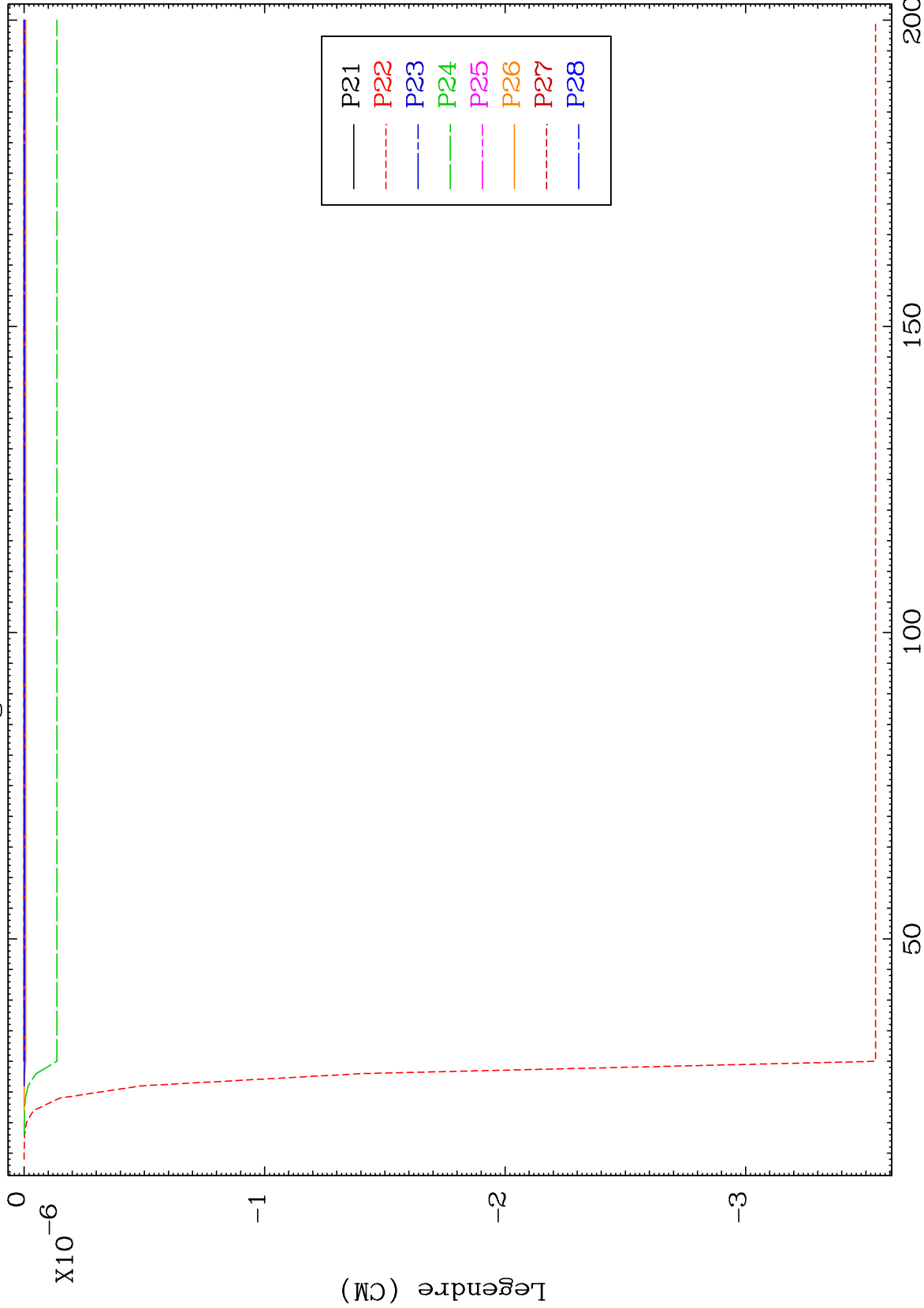
200

79-Au-188

MAT 7898

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

79-Au-188



51

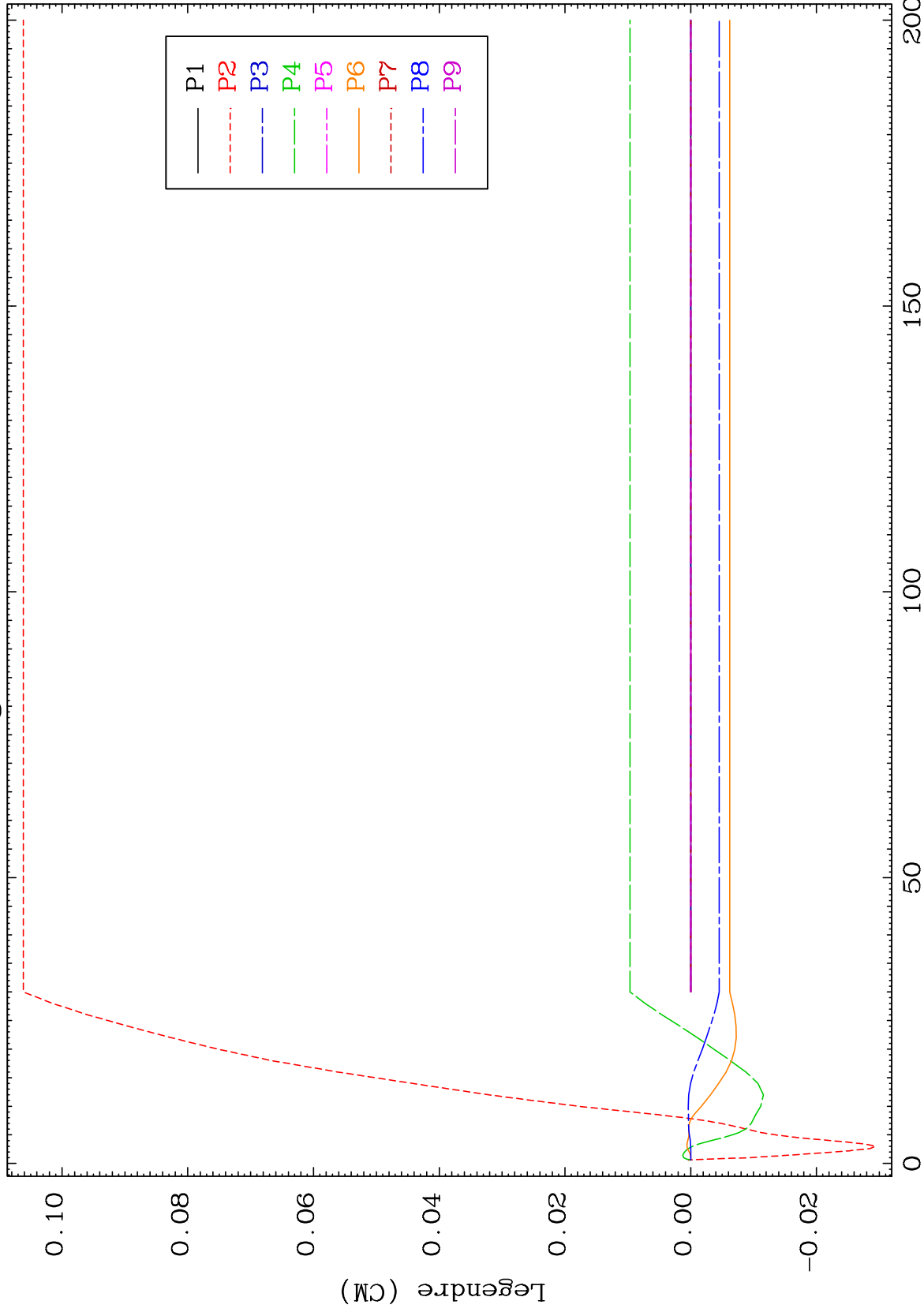
Incident Energy (MeV)

79-Au-188

MAT 7898

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

79-Au-188



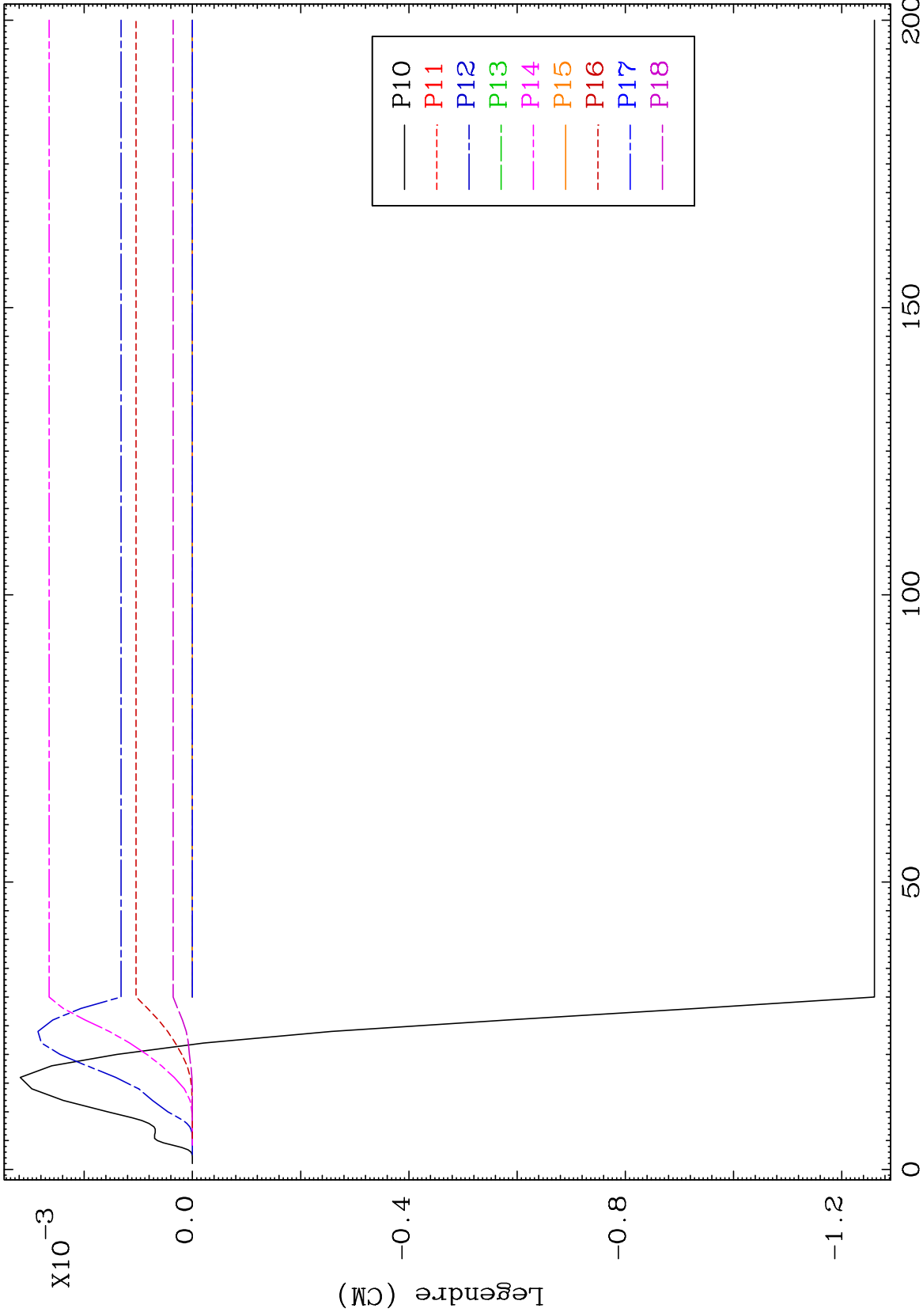
52

79-Au-188

MAT 7898

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

79-Au-188



53

Incident Energy (MeV)

79-Au-188

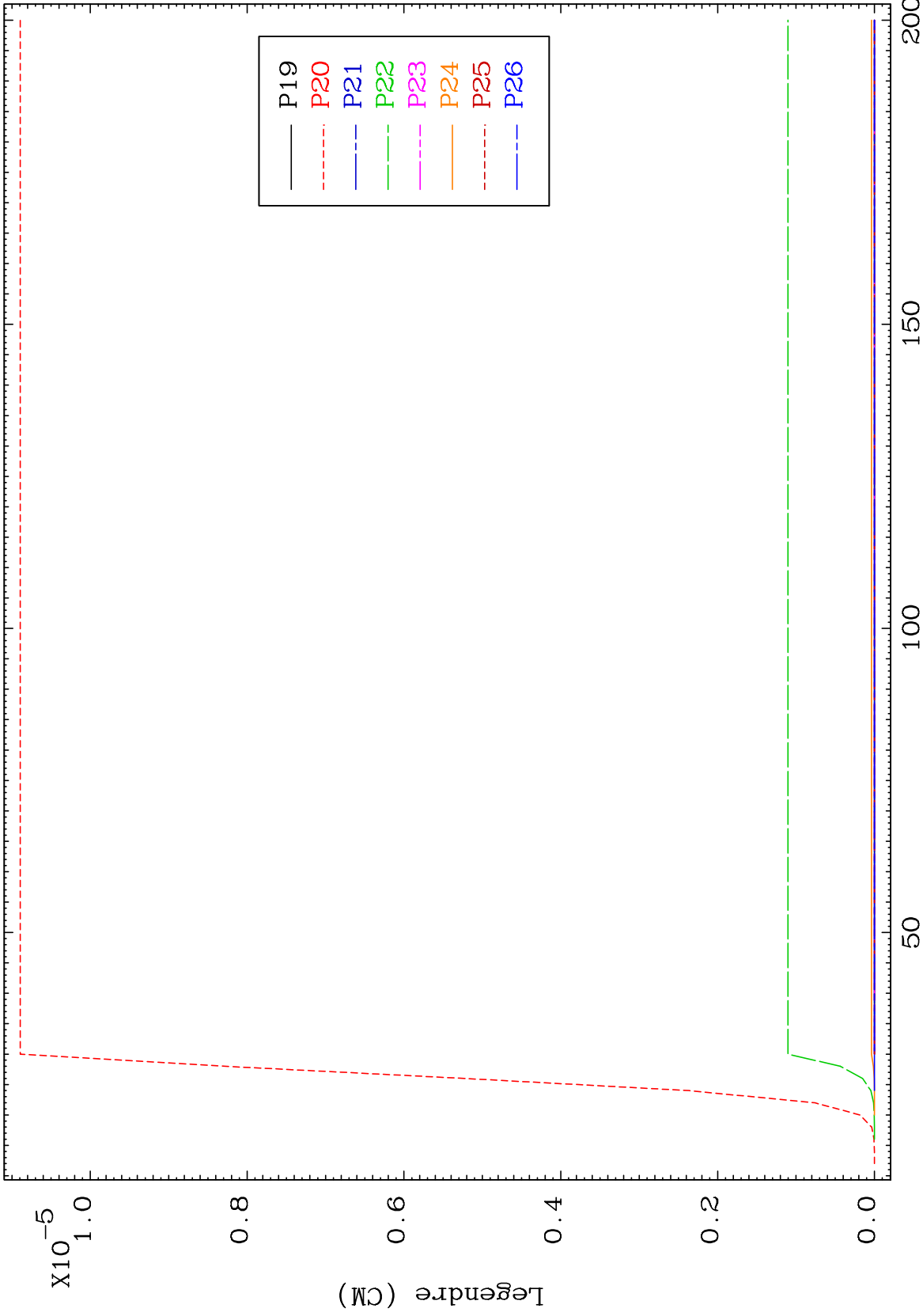
MAT 7898

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

79-Au-188

Incident Energy (MeV)

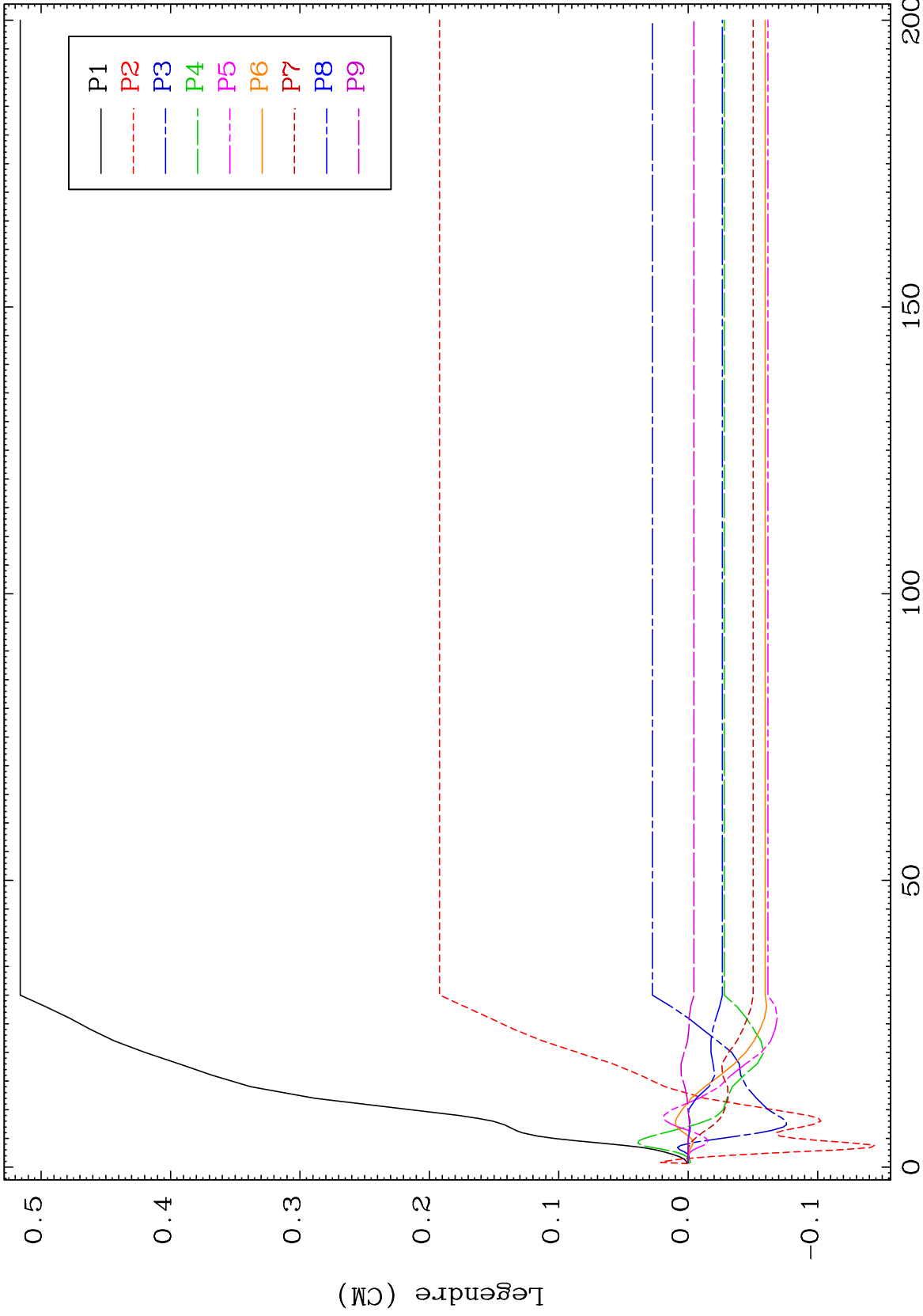
54



MAT 7898

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

79-Au-188



55

Incident Energy (MeV)

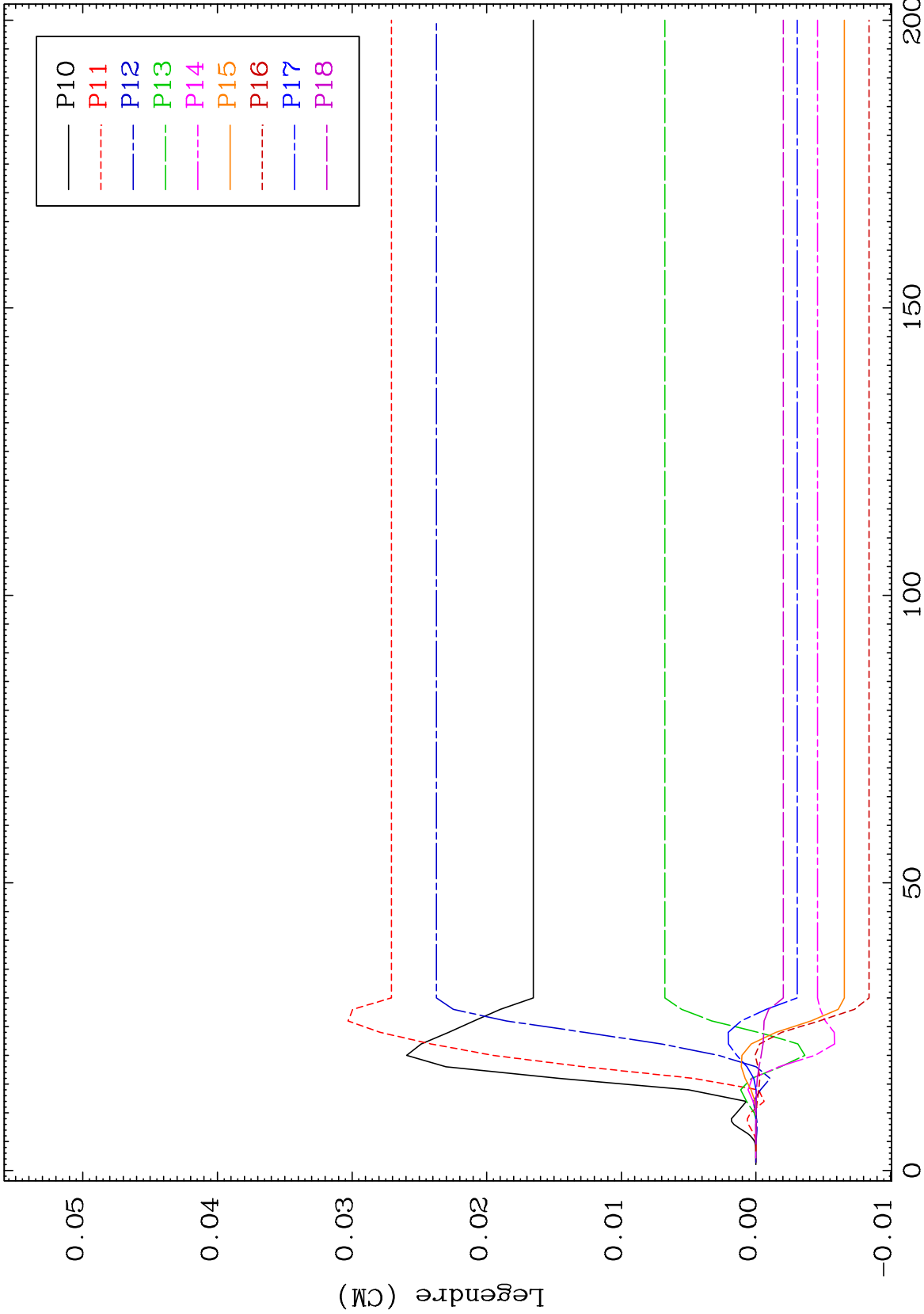
79-Au-188



MAT 7898

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

79-Au-188



56

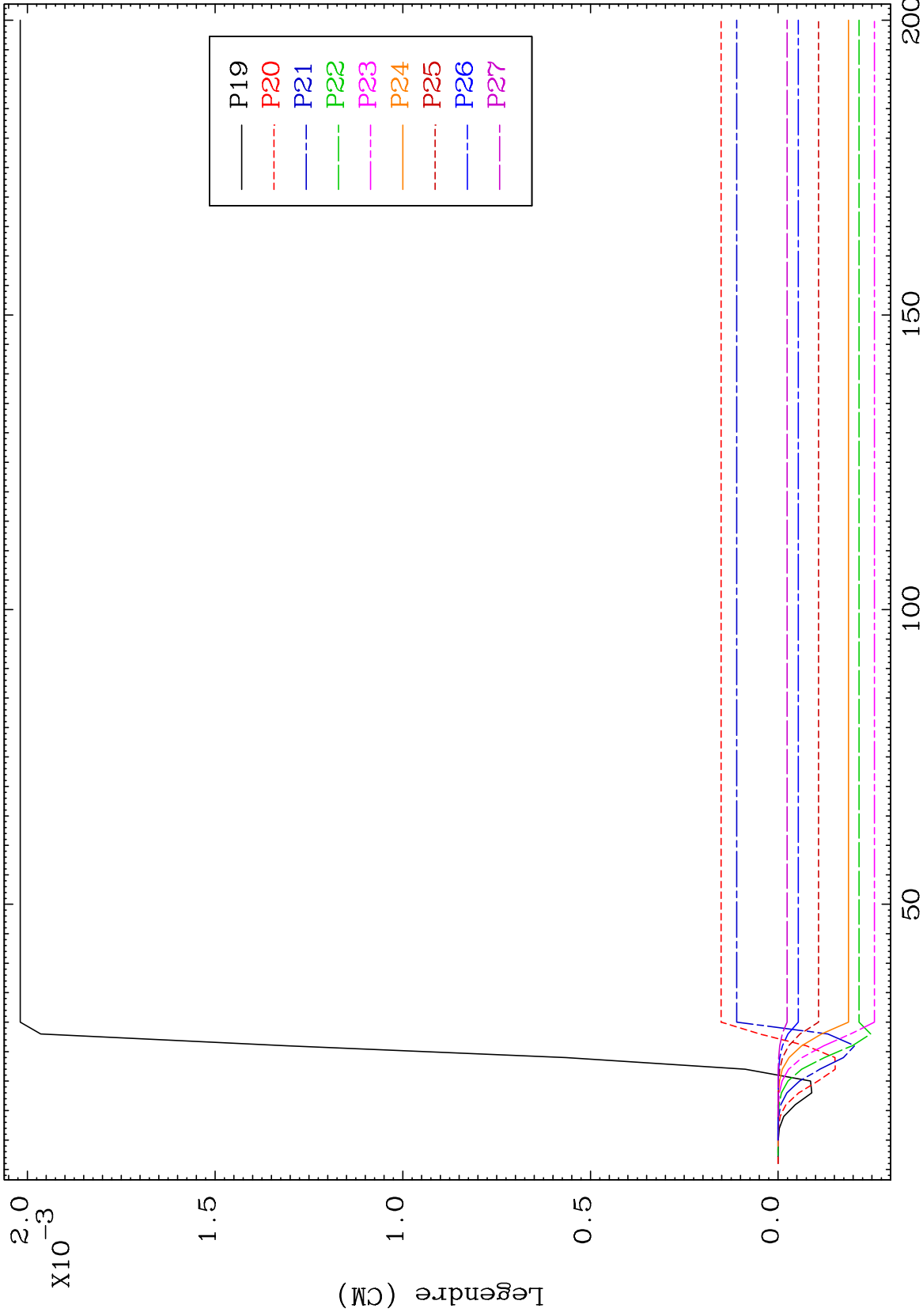
Incident Energy (MeV)

79-Au-188

MAT 7898

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

79-Au-188



57

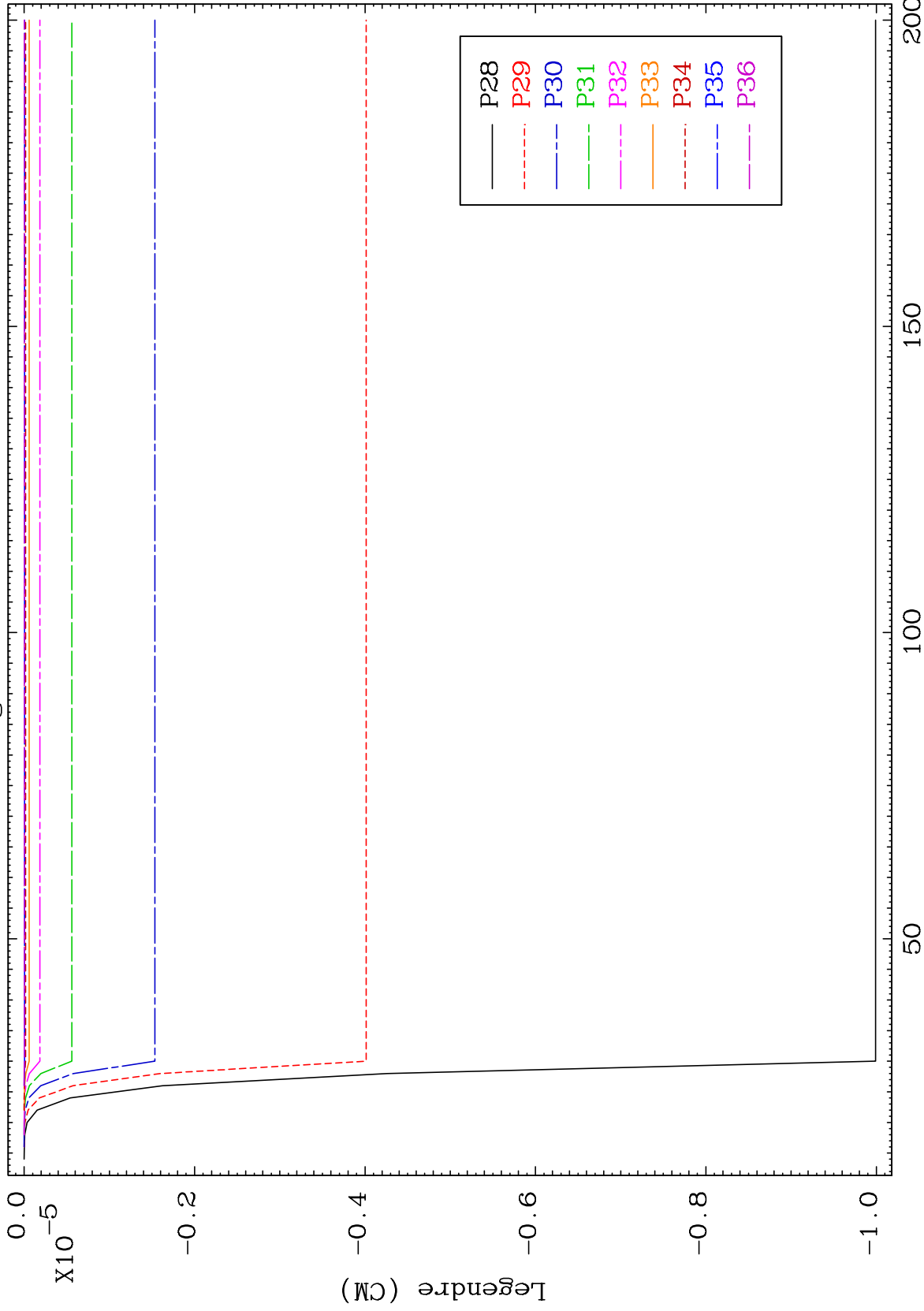
Incident Energy (MeV)

79-Au-188

MAT 7898

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

79-Au-188



58

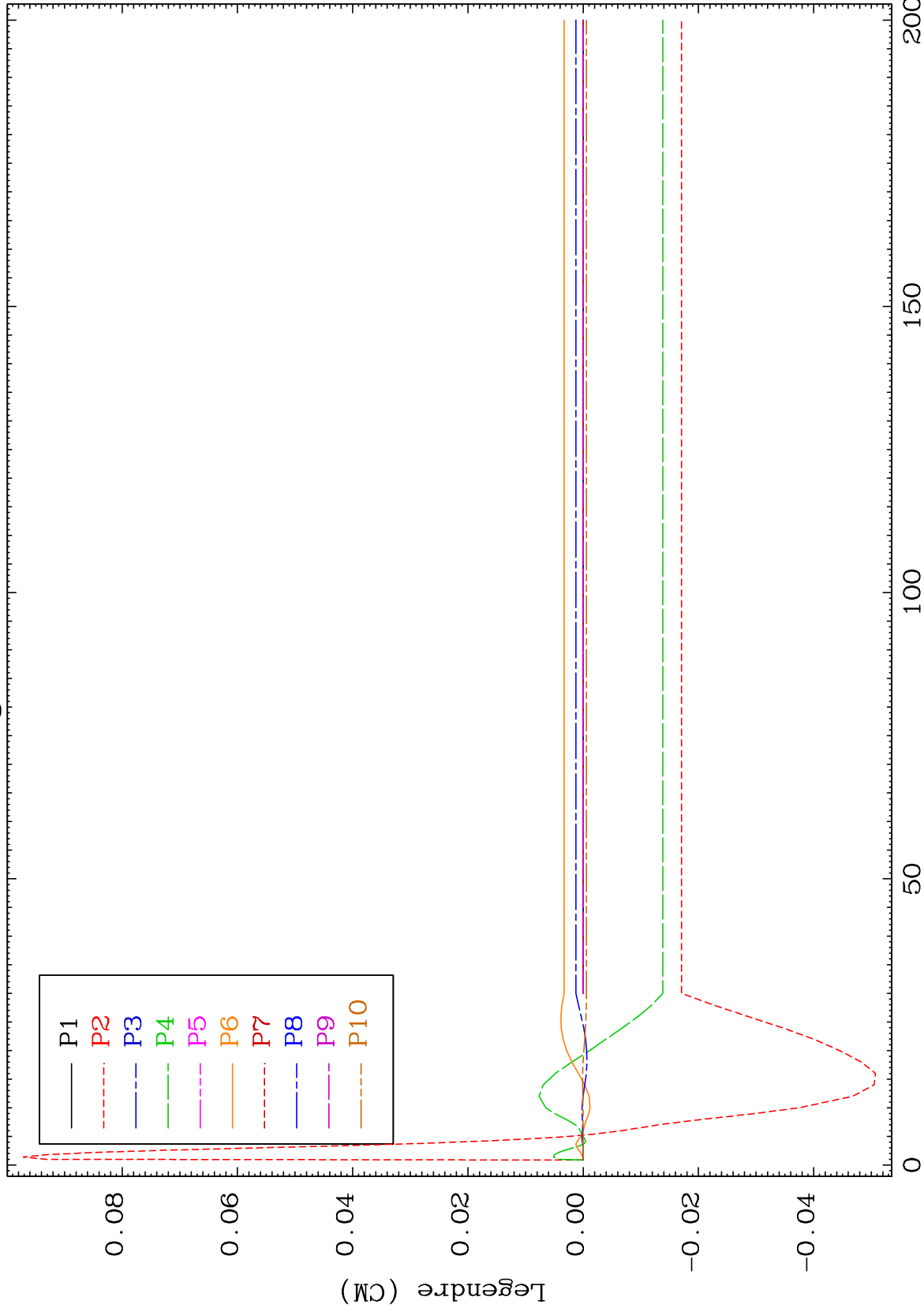
Incident Energy (MeV)

79-Au-188

MAT 7898

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

79-Au-188



59

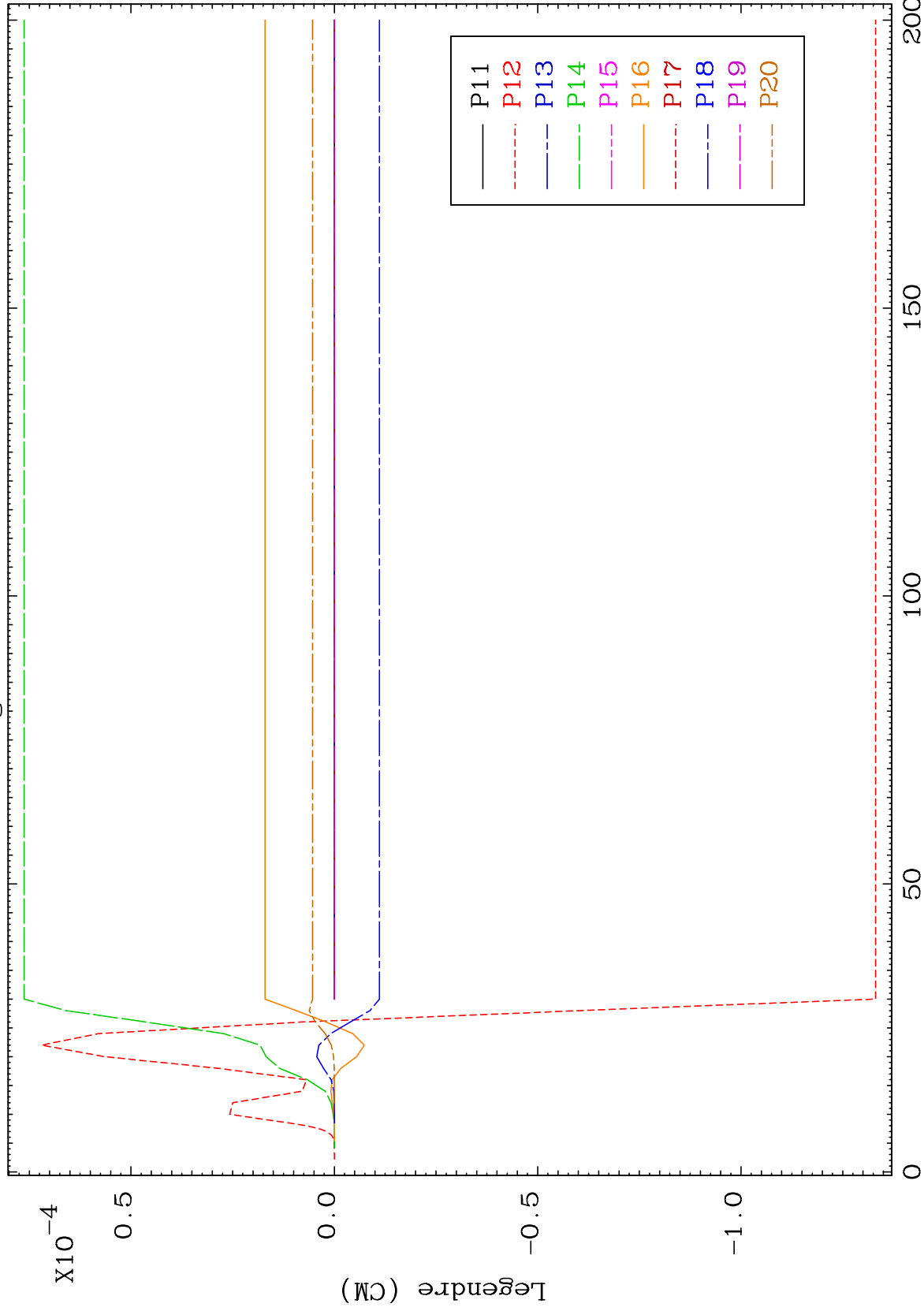
Incident Energy (MeV)

79-Au-188

MAT 7898

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

79-Au-188

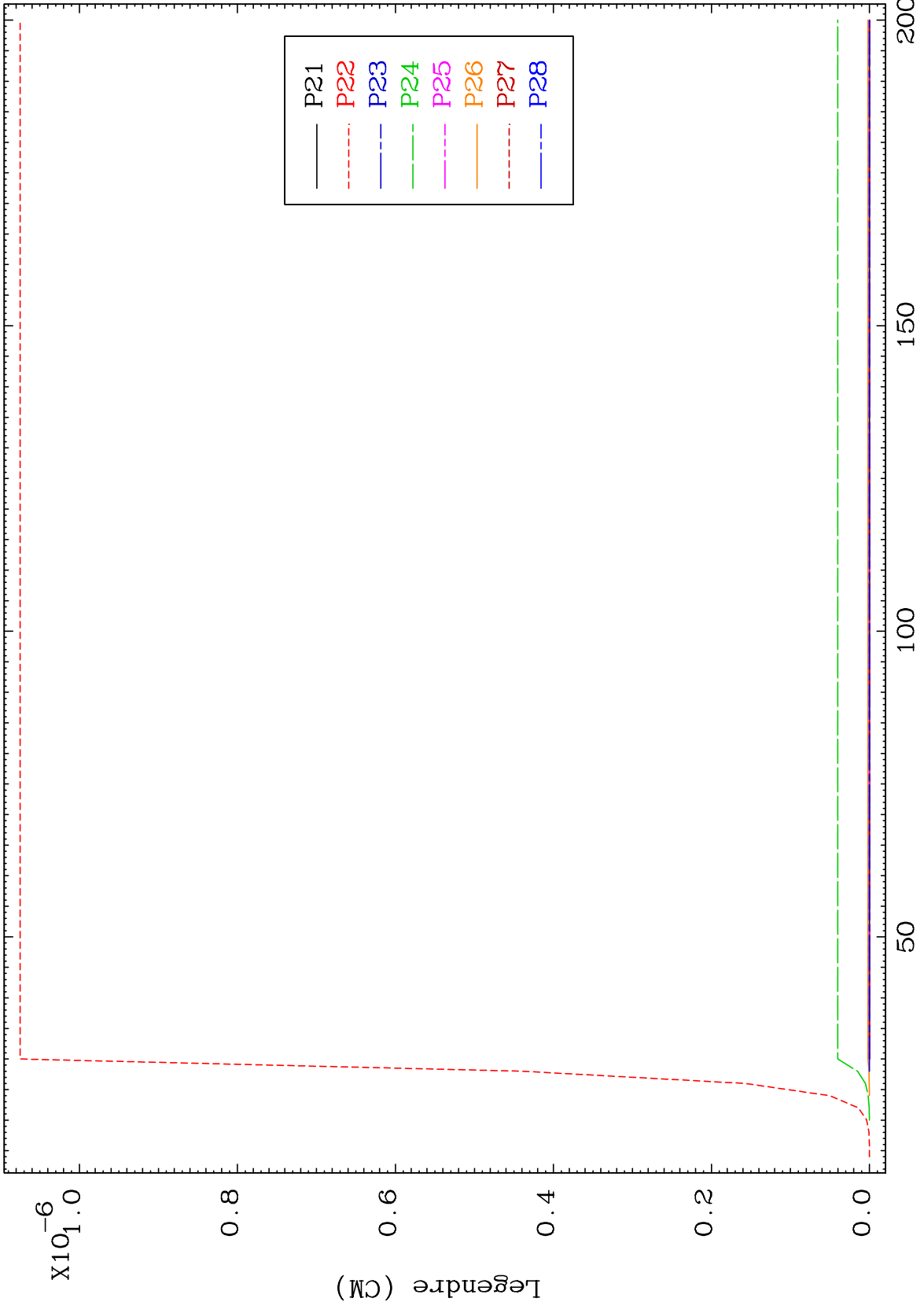


60

Incident Energy (MeV)

79-Au-188

MAT 7898 MT= 63 (n,n') Level Legendre Coefficients 79-Au-188

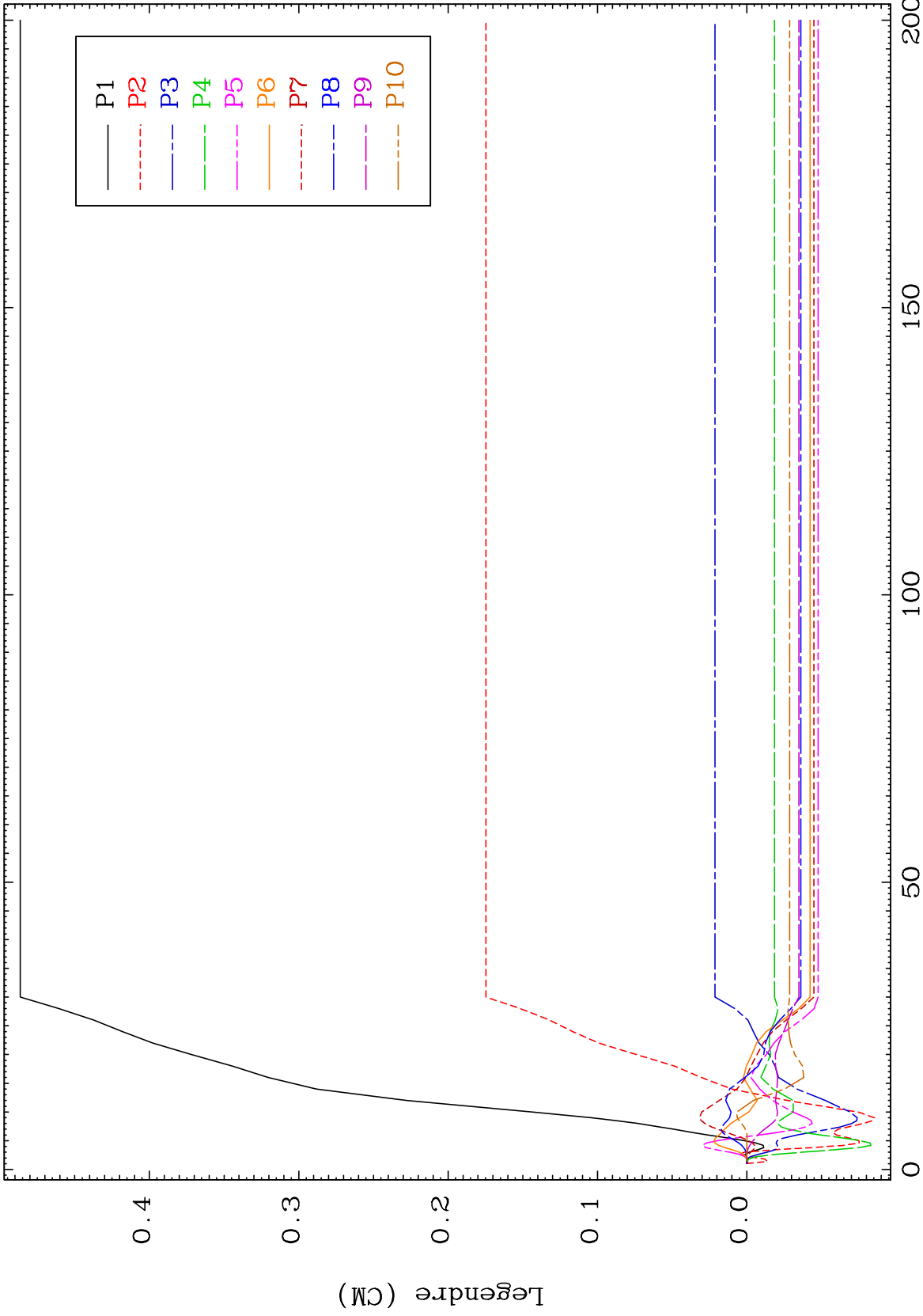


61 79-Au-188

MAT 7898

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

79-Au-188



62

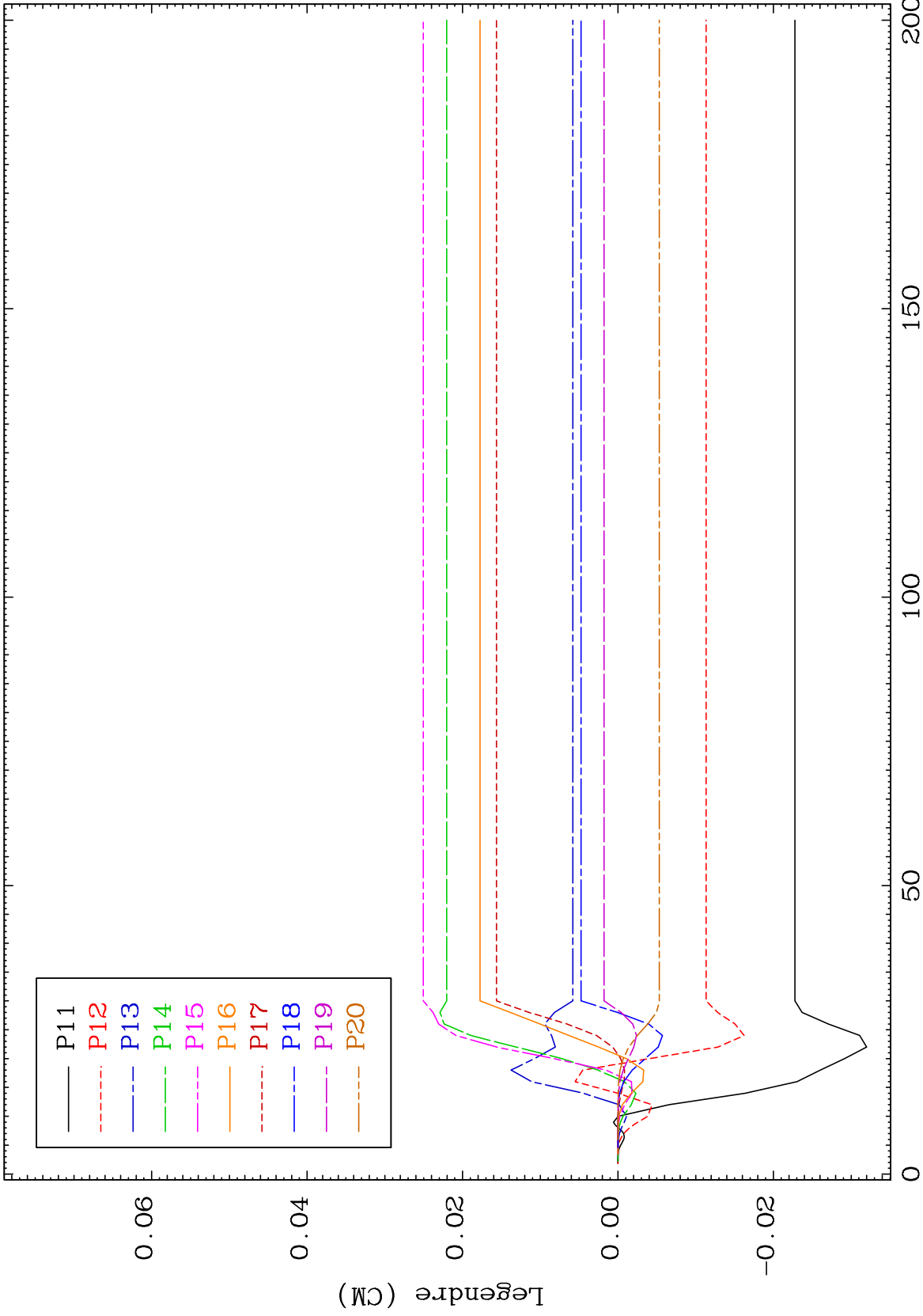
Incident Energy (MeV)

79-Au-188

MAT 7898

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

79-Au-188



63

Incident Energy (MeV)

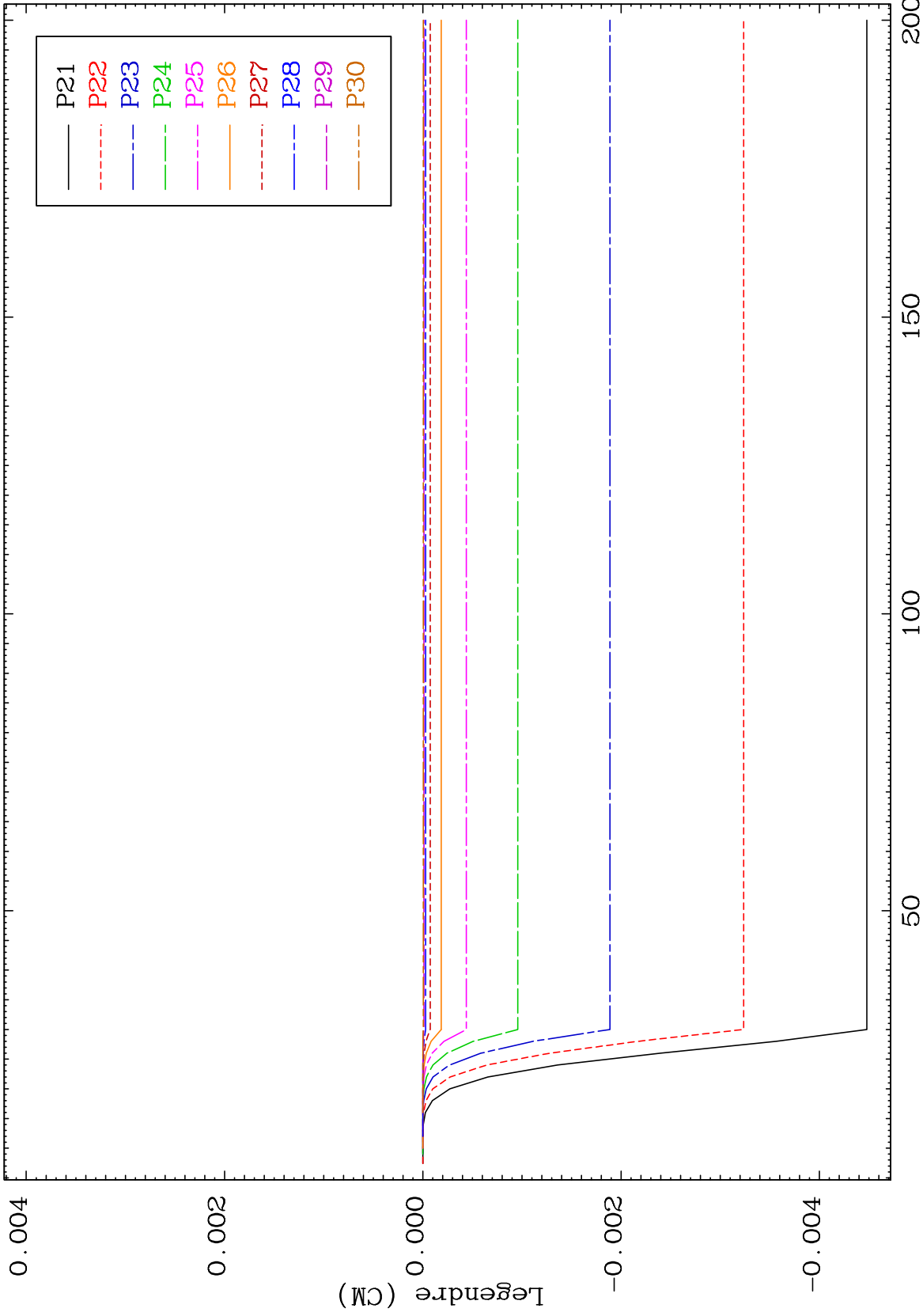
79-Au-188



MAT 7898

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

79-Au-188



64

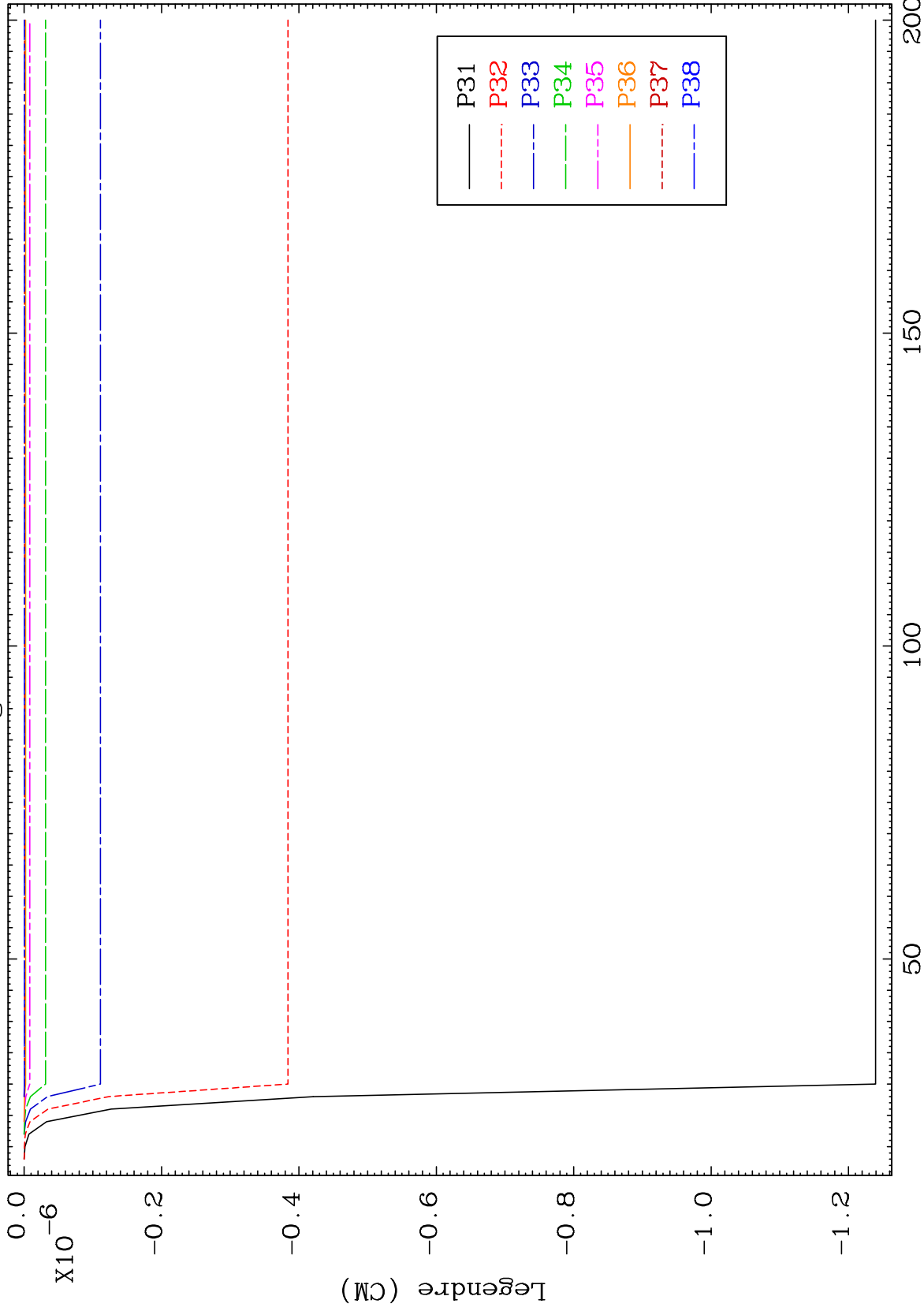
Incident Energy (MeV)

79-Au-188

MAT 7898

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

79-Au-188



65

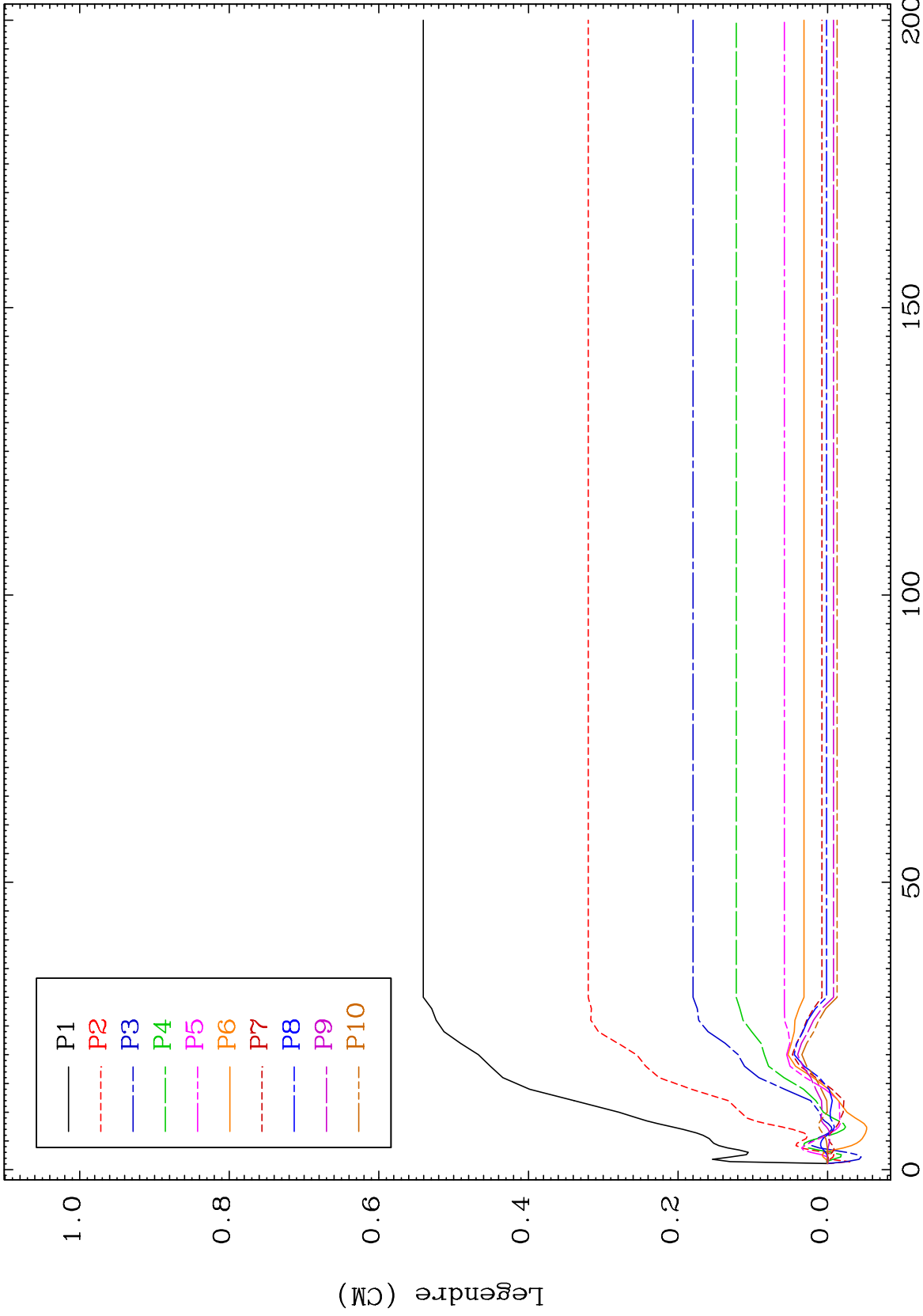
Incident Energy (MeV)

79-Au-188

MAT 7898

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

79-Au-188



66

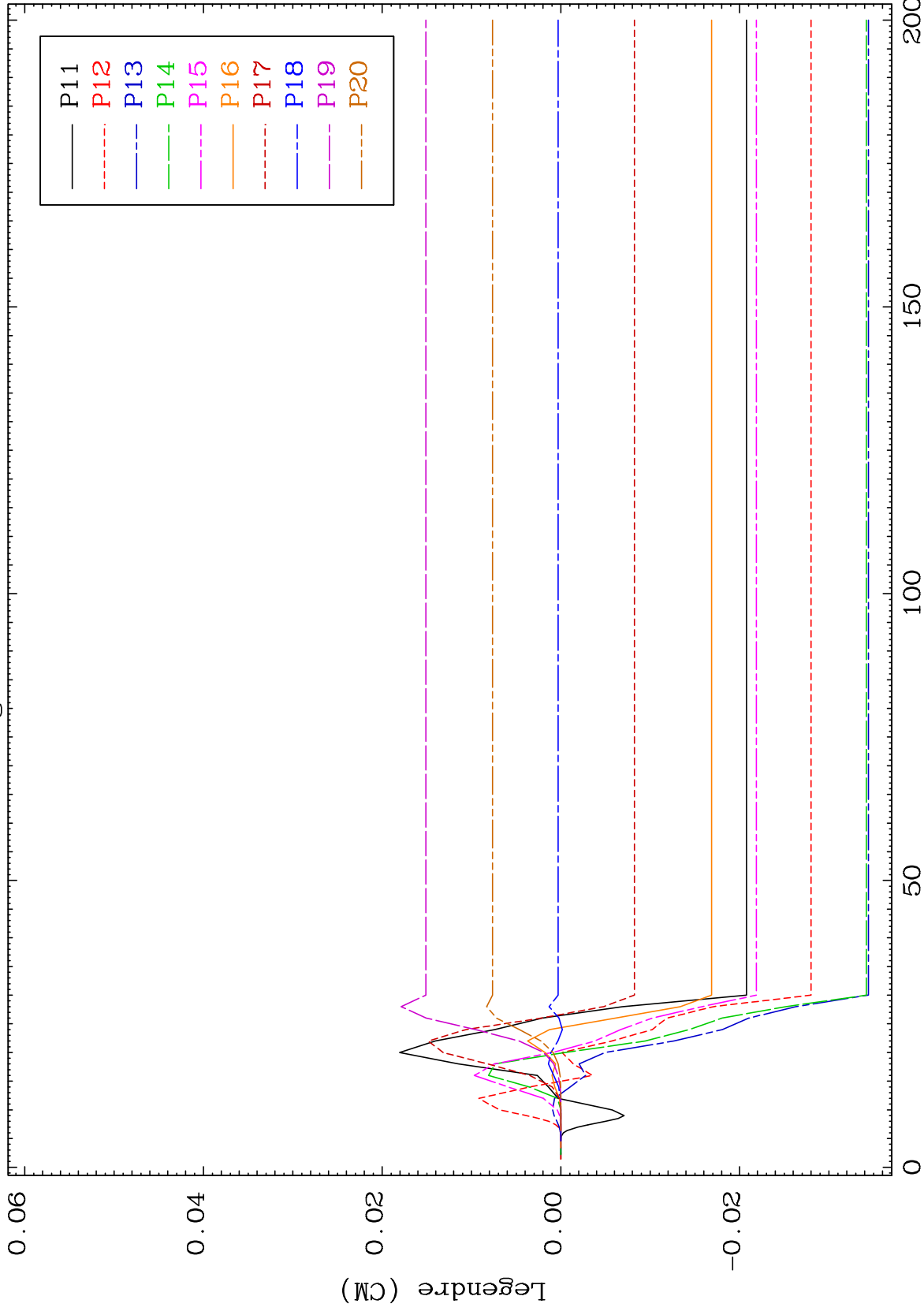
Incident Energy (MeV)

79-Au-188

MAT 7898

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

79-Au-188



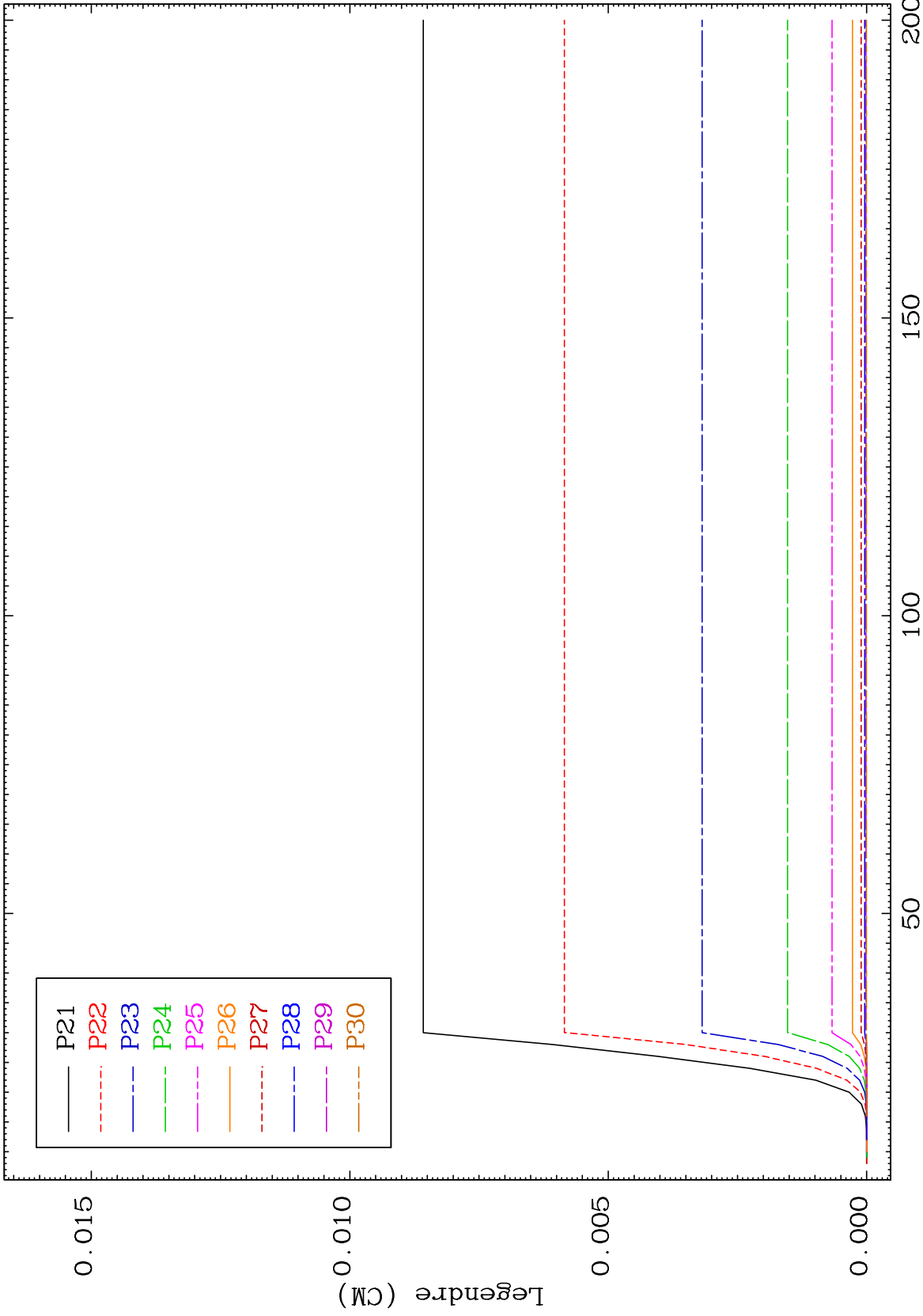
67

79-Au-188

MAT 7898

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

79-Au-188



68

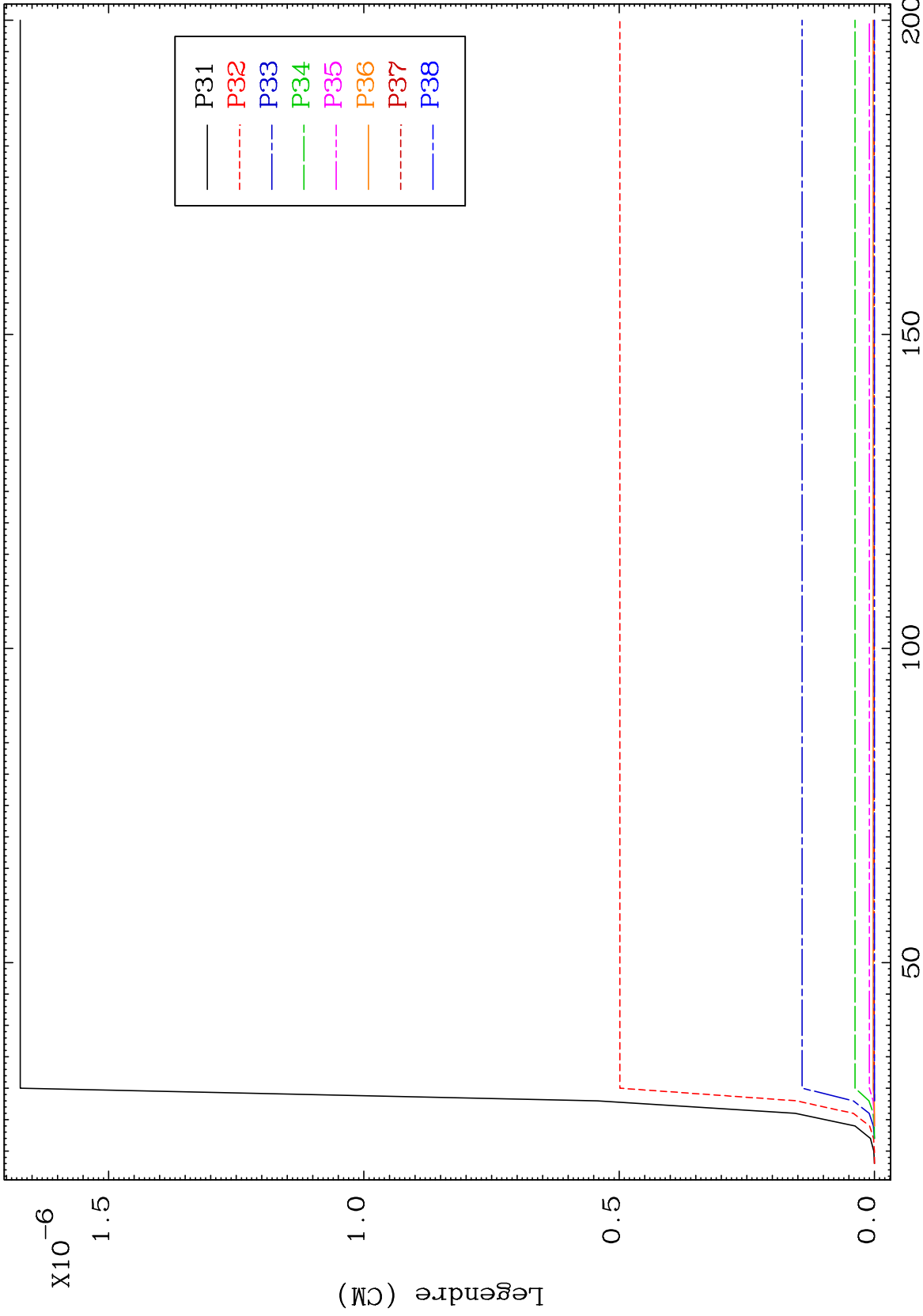
Incident Energy (MeV)

79-Au-188

MAT 7898

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

79-Au-188



69

Incident Energy (MeV)

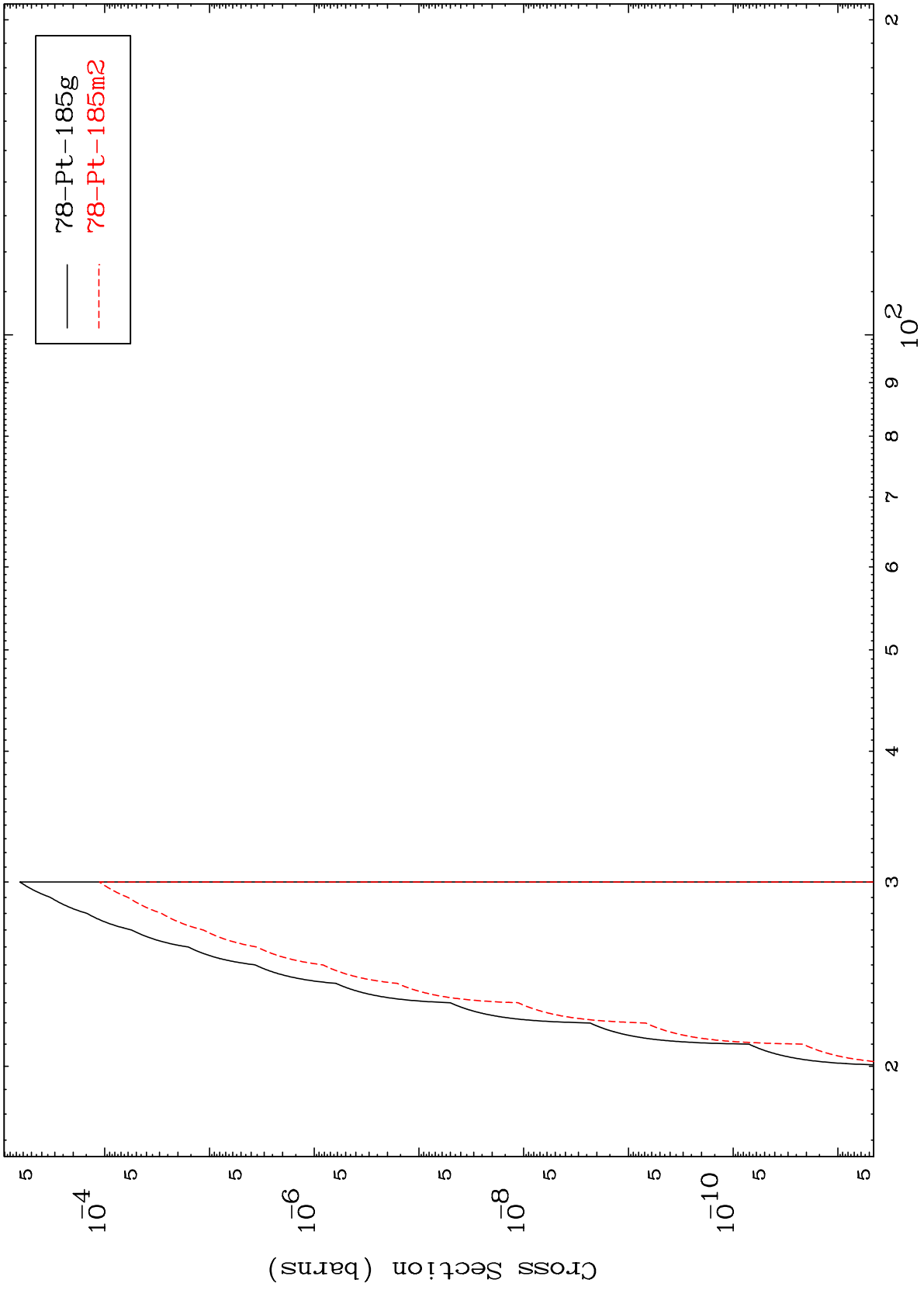
79-Au-188

MAT 7898

(n,2n) d

79-Au-188

Radionuclide Production Cross Section



70

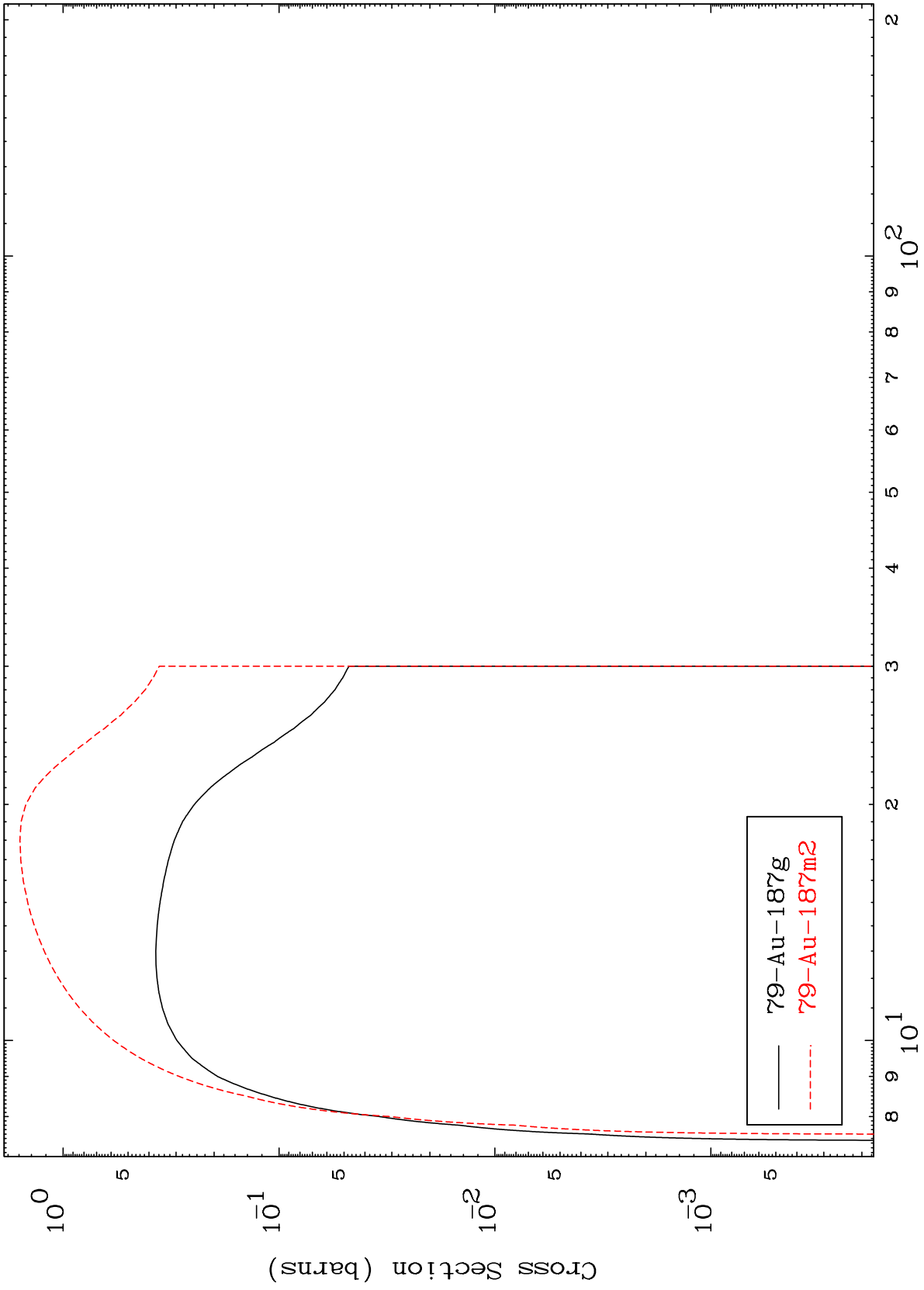
Incident Energy (MeV)

79-Au-188

MAT 7898

<sup>79</sup>Au-188

(n,2n)  
Radionuclide Production Cross Section



71

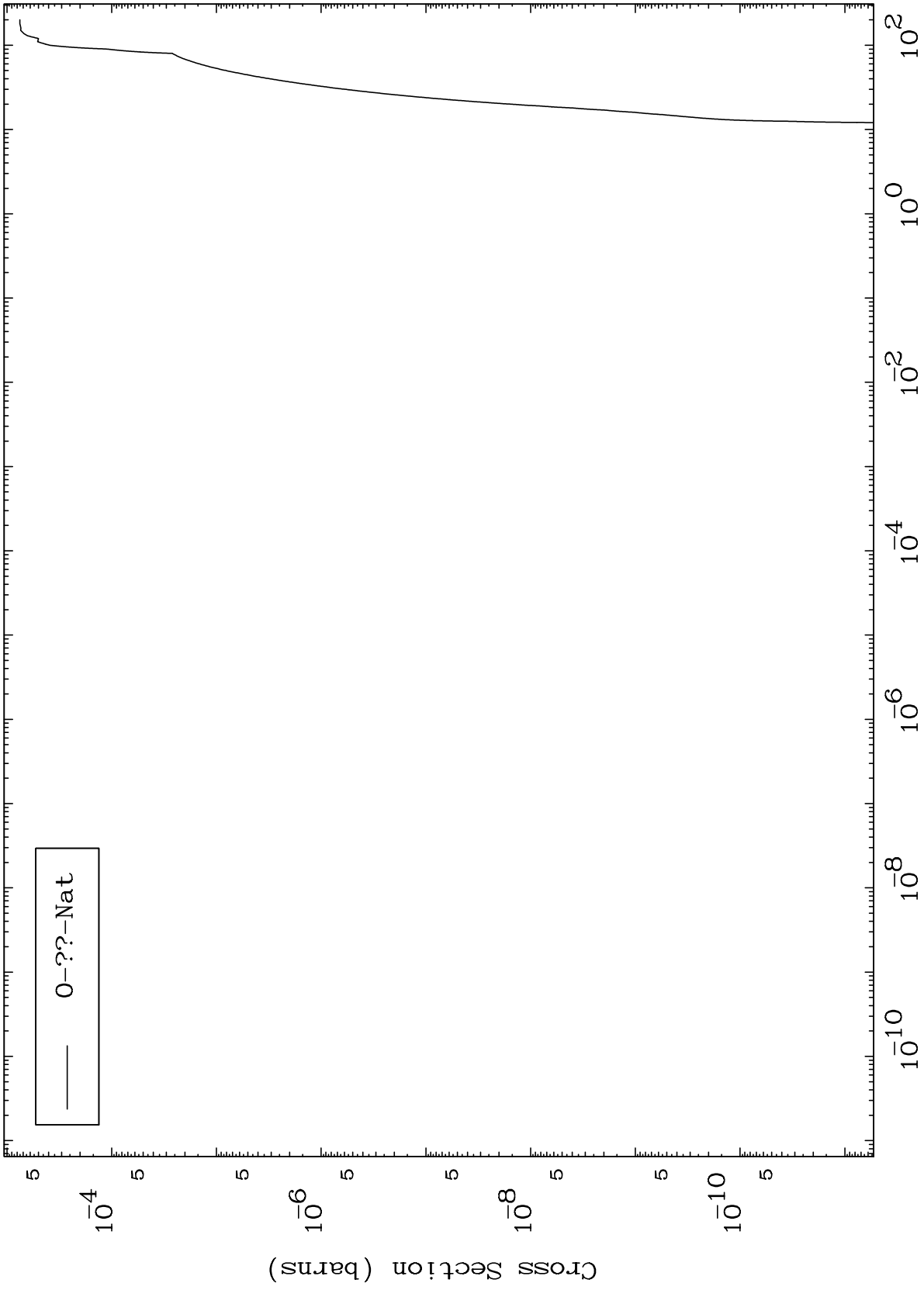
<sup>79</sup>Au-188



MAT 7898

Fission  
Radionuclide Production Cross Section

<sup>79</sup>Au-188



72

Incident Energy (MeV)

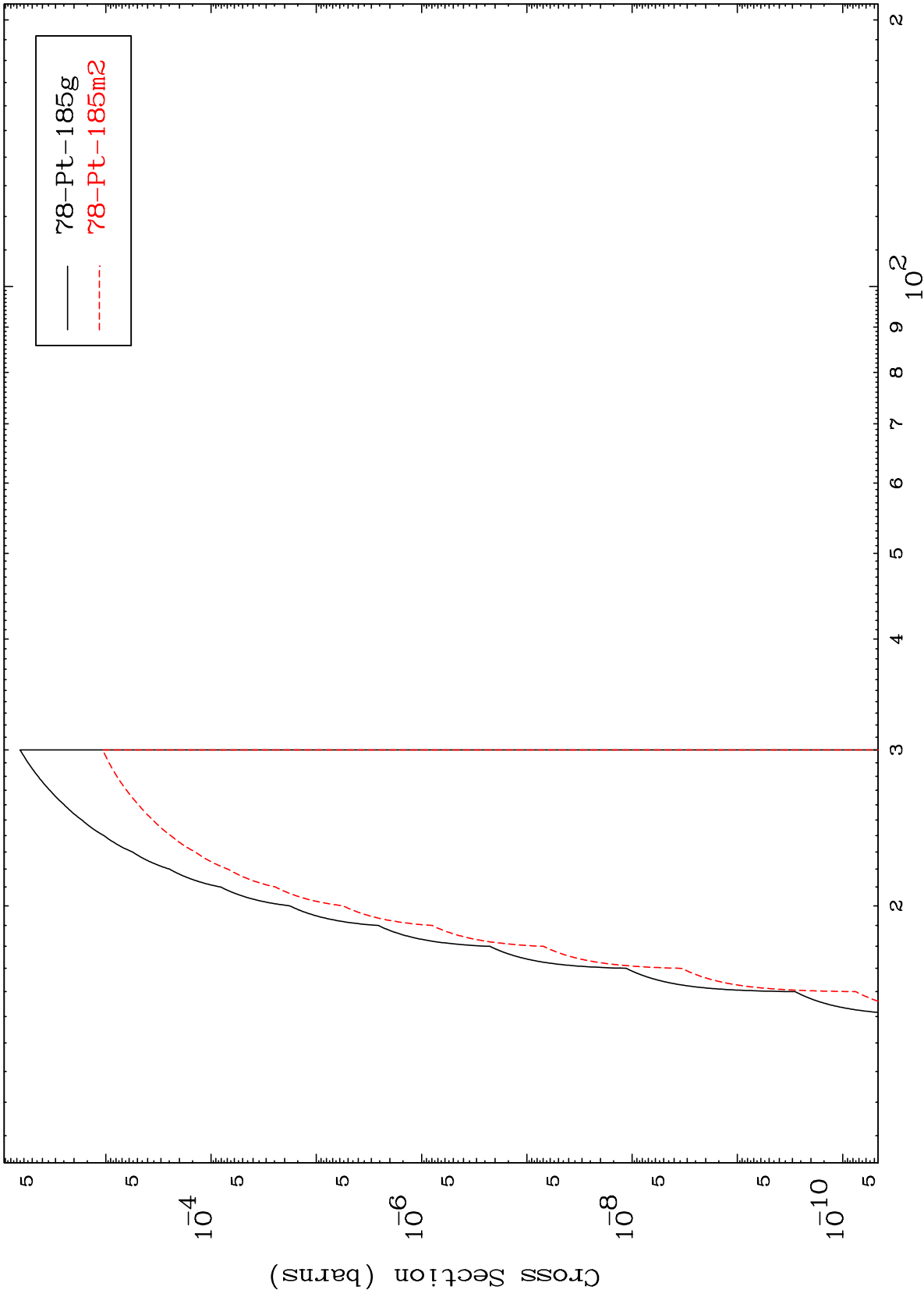
<sup>79</sup>Au-188

MAT 7898

(n,n') t

79-Au-188

Radionuclide Production Cross Section



73

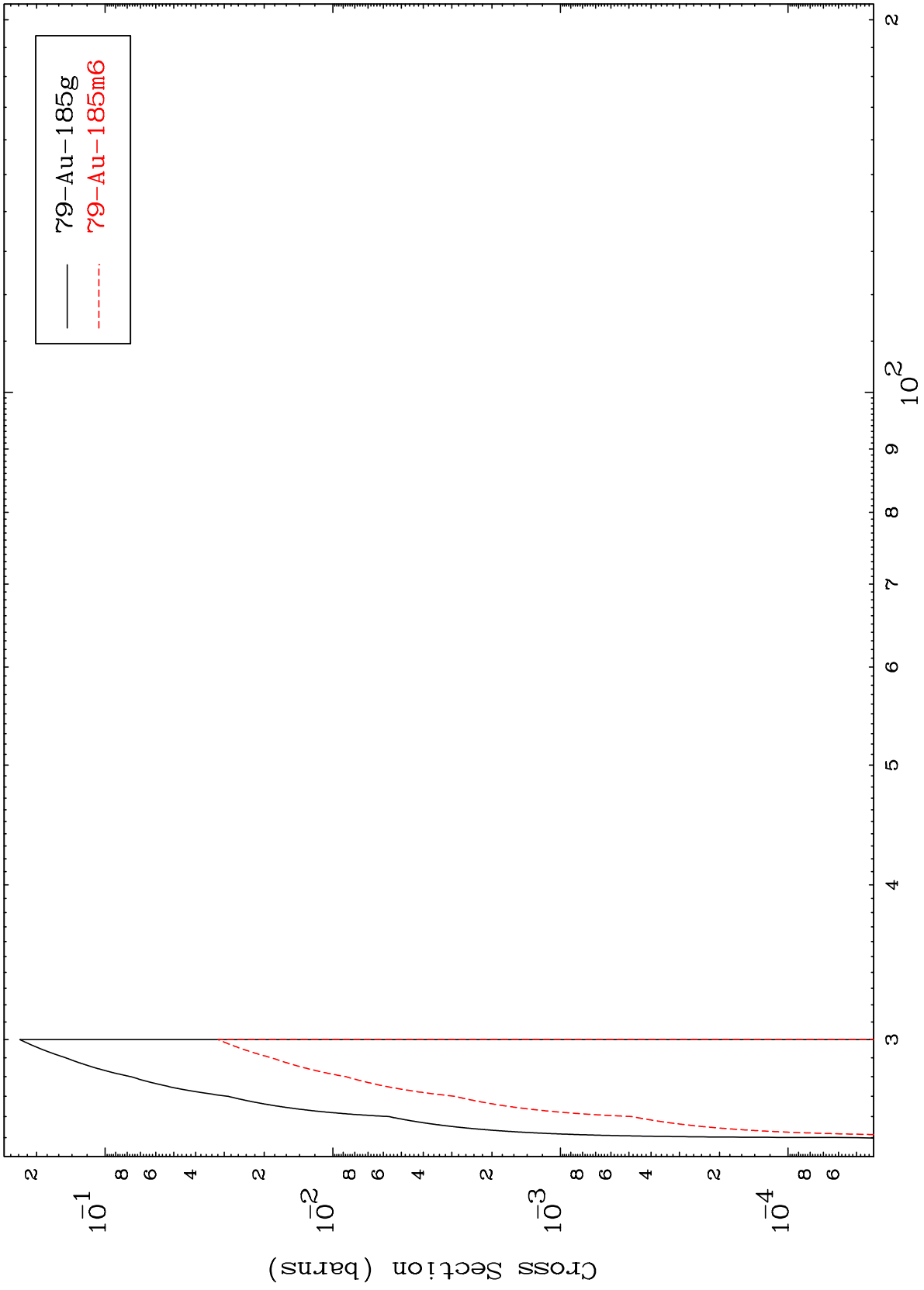
Incident Energy (MeV)

79-Au-188

MAT 7898

<sup>79</sup>Au-188

(n,4n)  
Radionuclide Production Cross Section



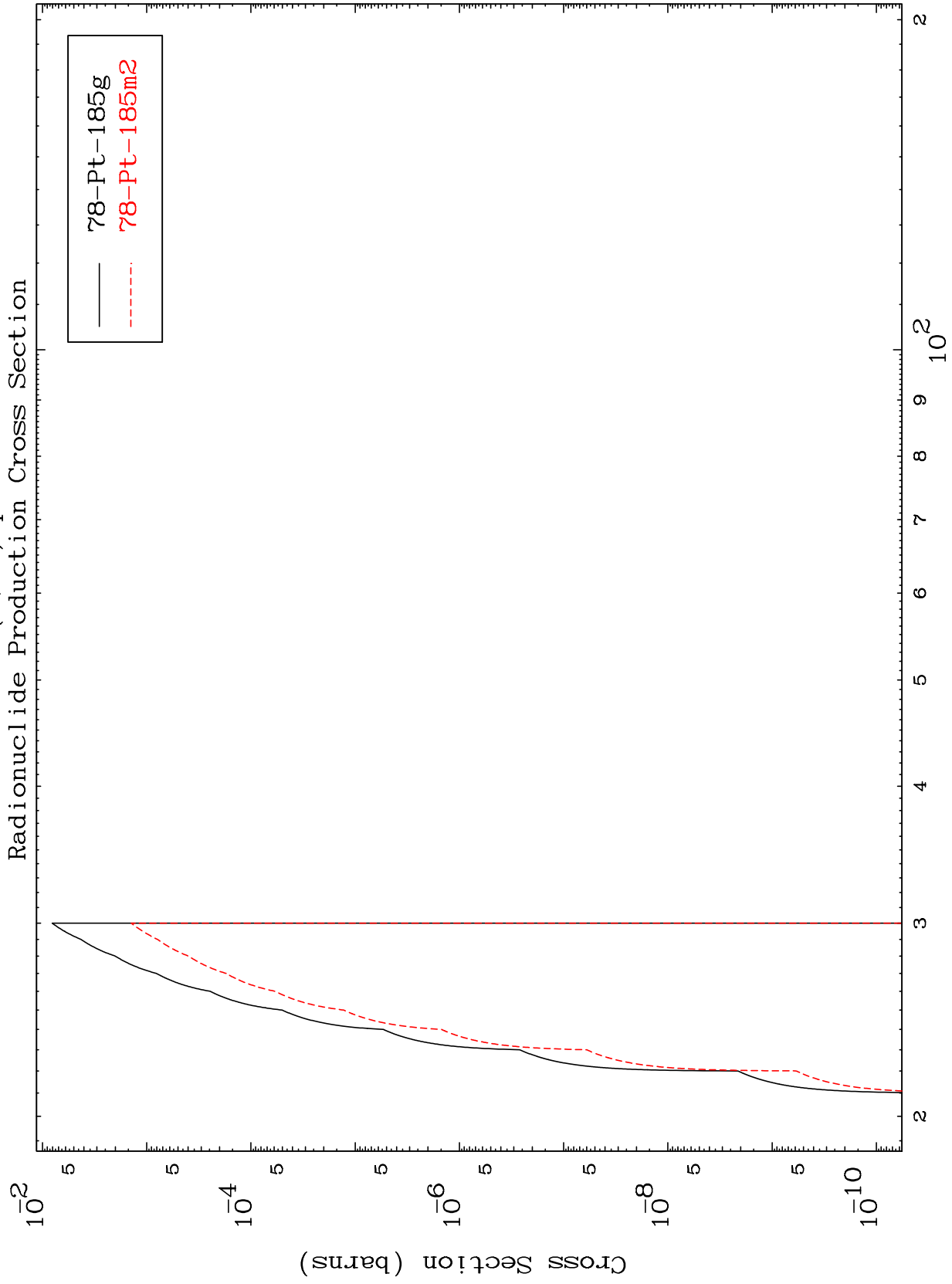
74

<sup>79</sup>Au-188

MAT 7898

(n,3n) p

79-Au-188



75

Incident Energy (MeV)

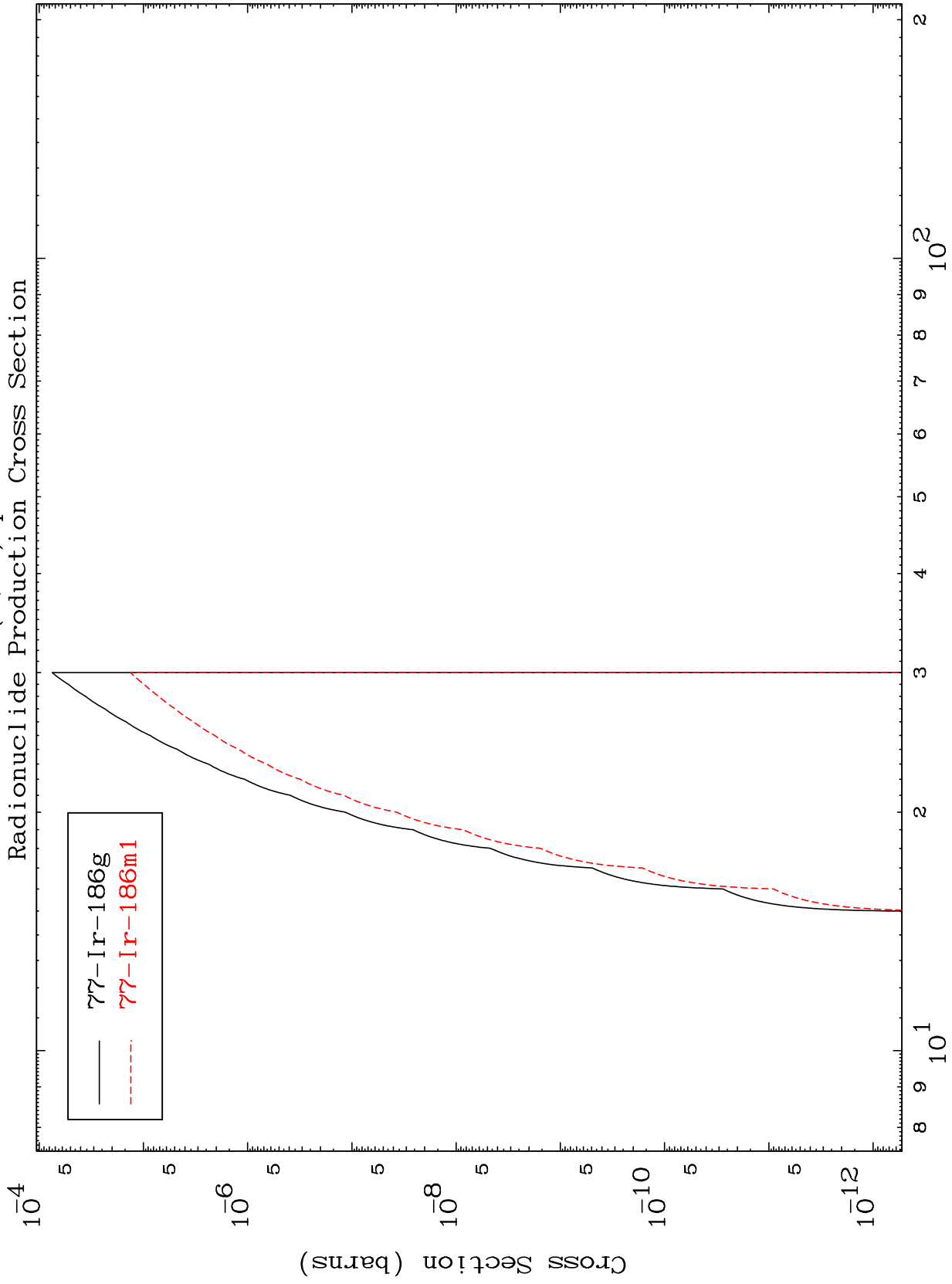
79-Au-188

MAT 7898

(n,2n) p

79-Au-188

Radionuclide Production Cross Section



76

Incident Energy (MeV)

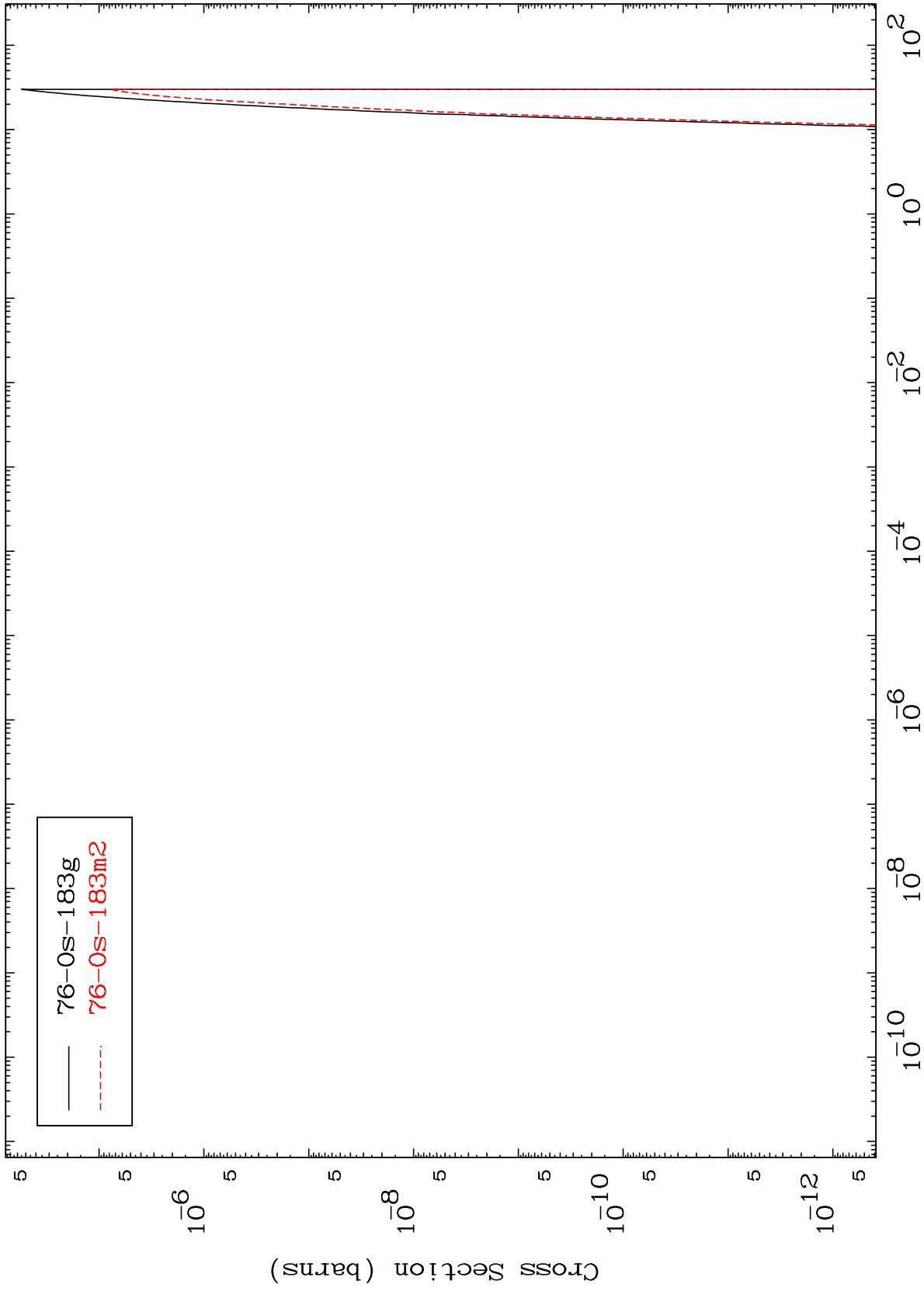
79-Au-188

MAT 7898

(n,n') p  $\alpha$

<sup>79</sup>Au-188

Radionuclide Production Cross Section



77

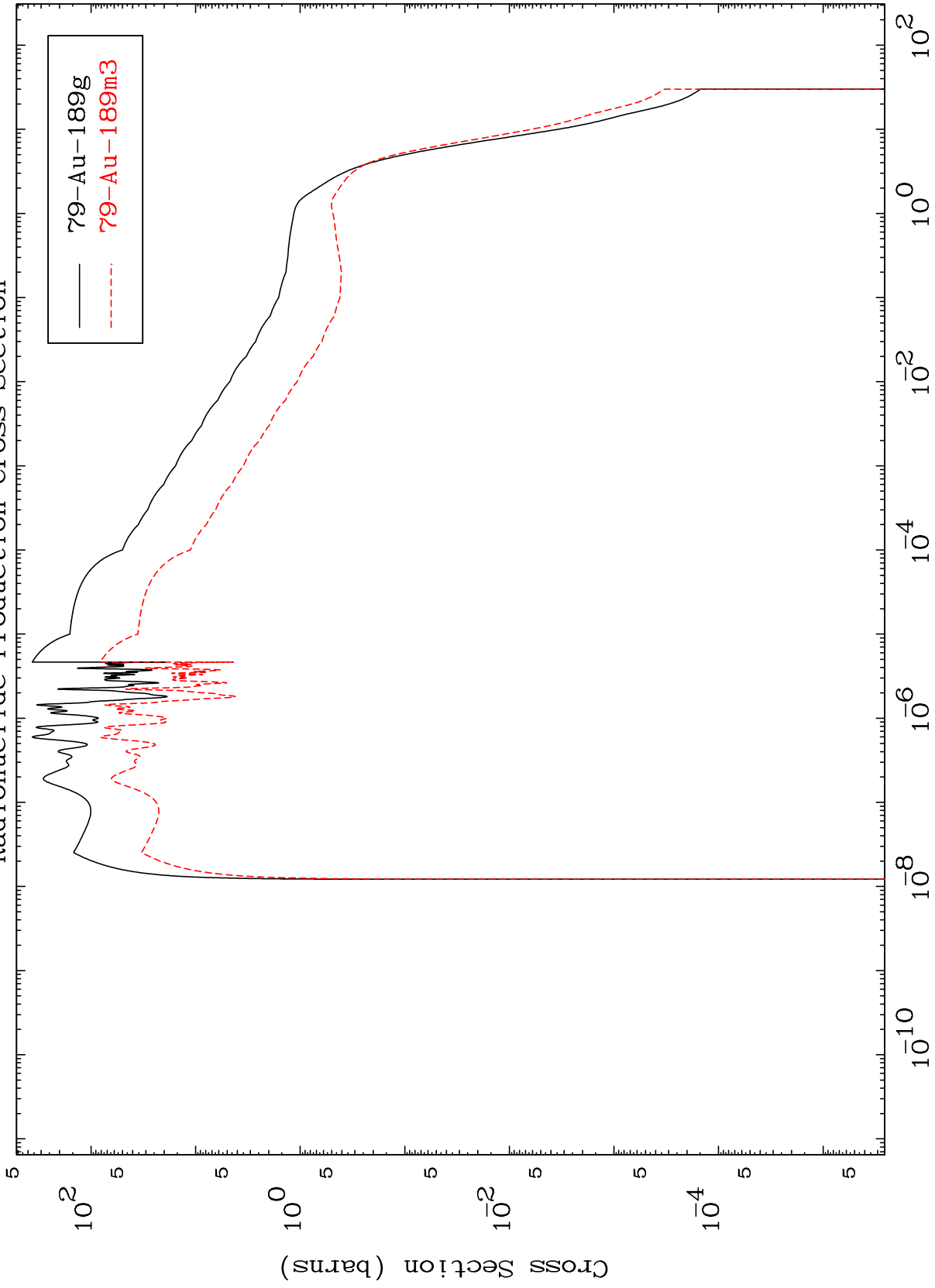
Incident Energy (MeV)

<sup>79</sup>Au-188

MAT 7898

79-Au-188

Radionuclide Production Cross Section  
(n,γ)



78

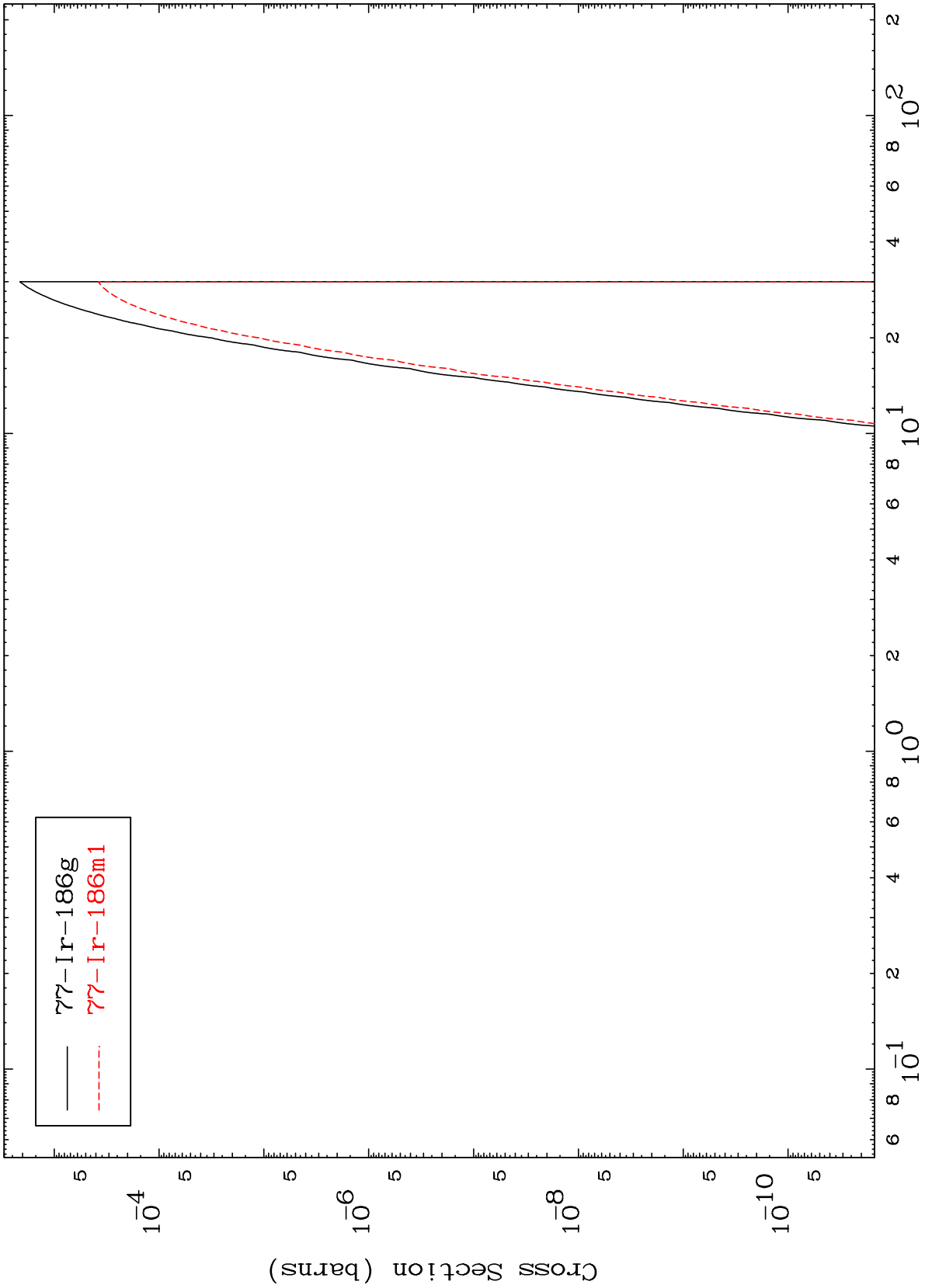
79-Au-188

MAT 7898

(n, He-3)

79-Au-188

Radionuclide Production Cross Section



77-Ir-186g  
77-Ir-186m1

79

79-Au-188

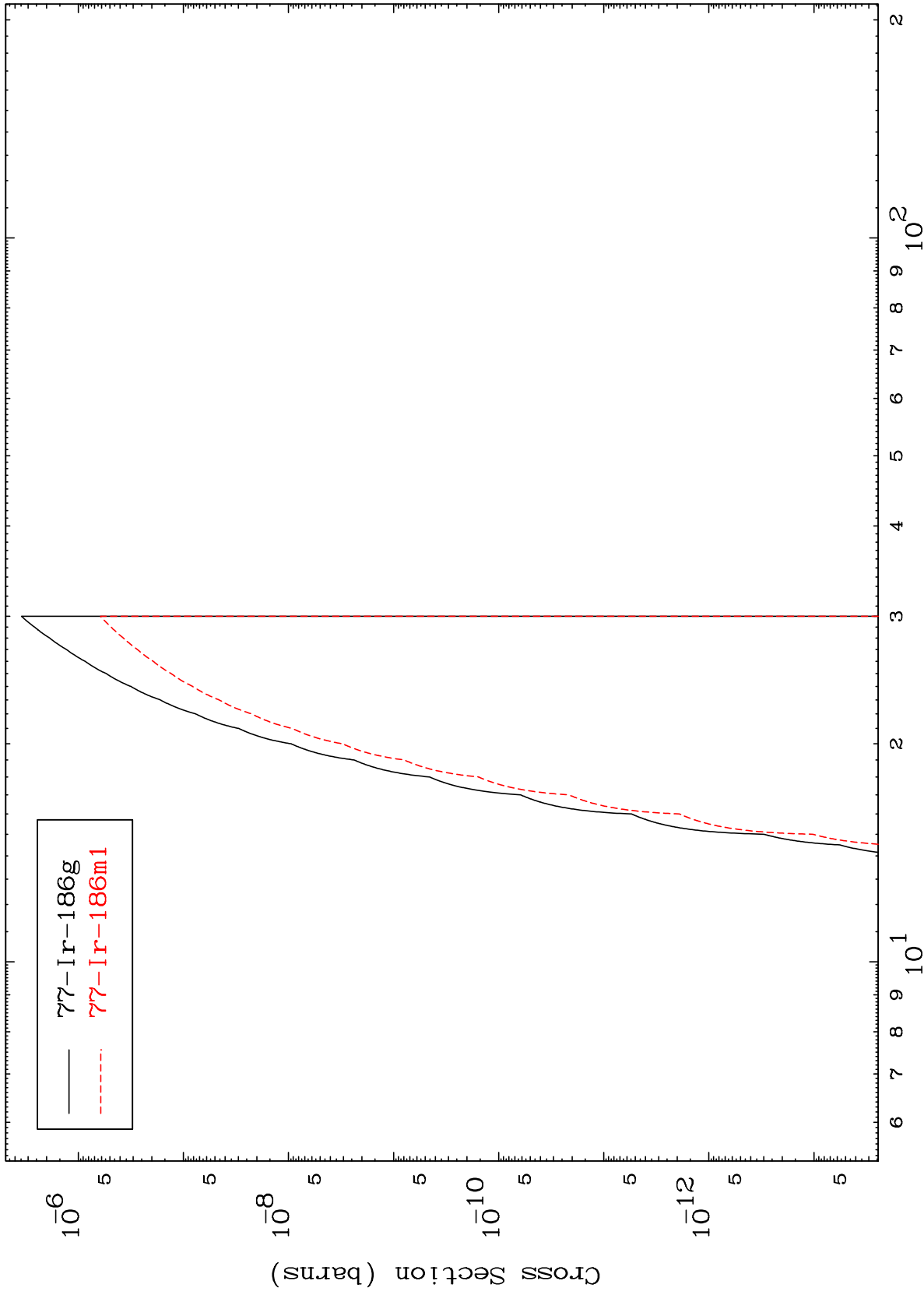


MAT 7898

(n,p) d

79-Au-188

Radionuclide Production Cross Section



80

Incident Energy (MeV)

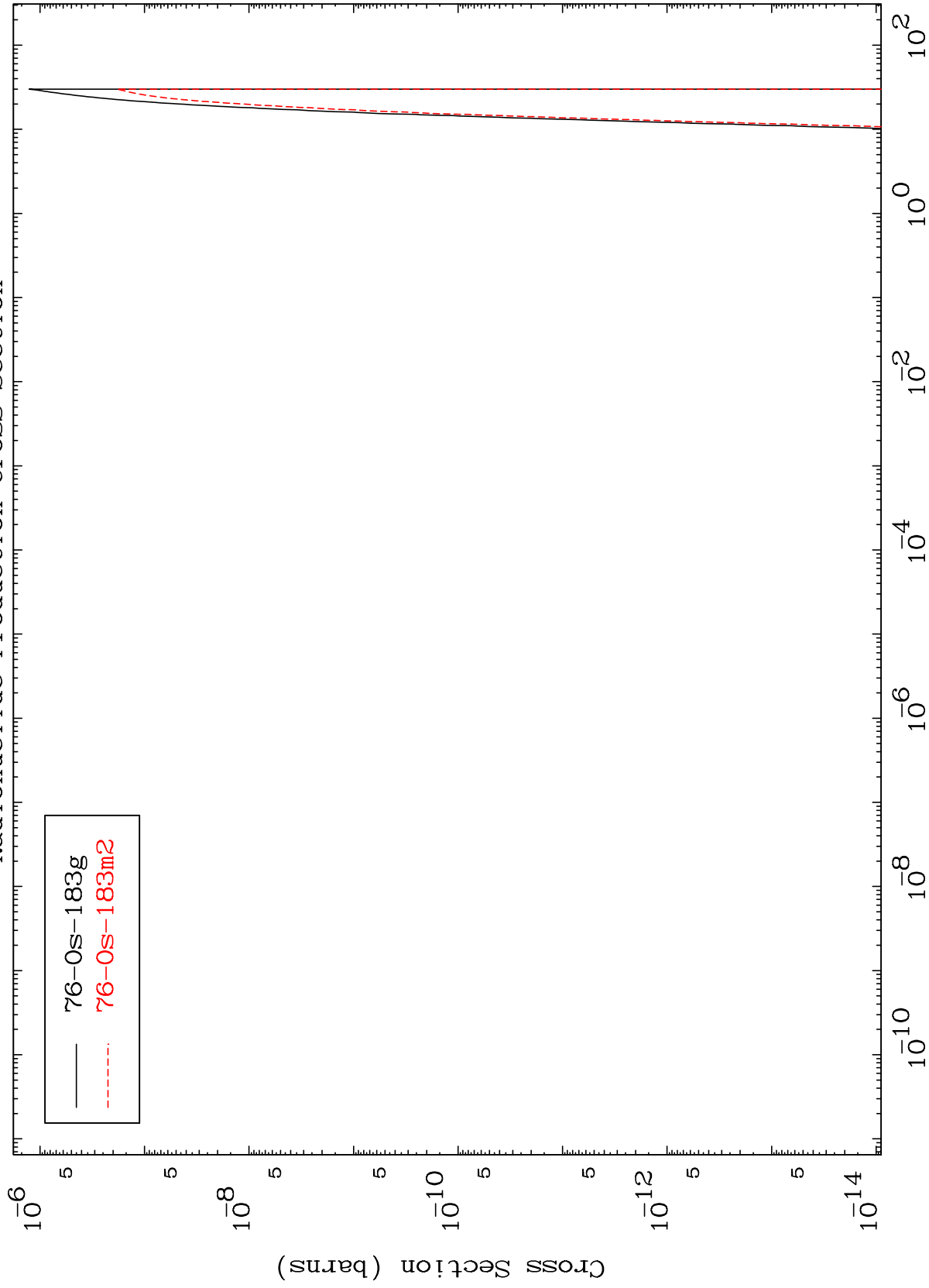
79-Au-188

MAT 7898

(n,d)  $\alpha$

<sup>79</sup>Au-188

Radionuclide Production Cross Section



81

Incident Energy (MeV)

<sup>79</sup>Au-188