

Program EVALPLOT  
(Version 2021-1)

by

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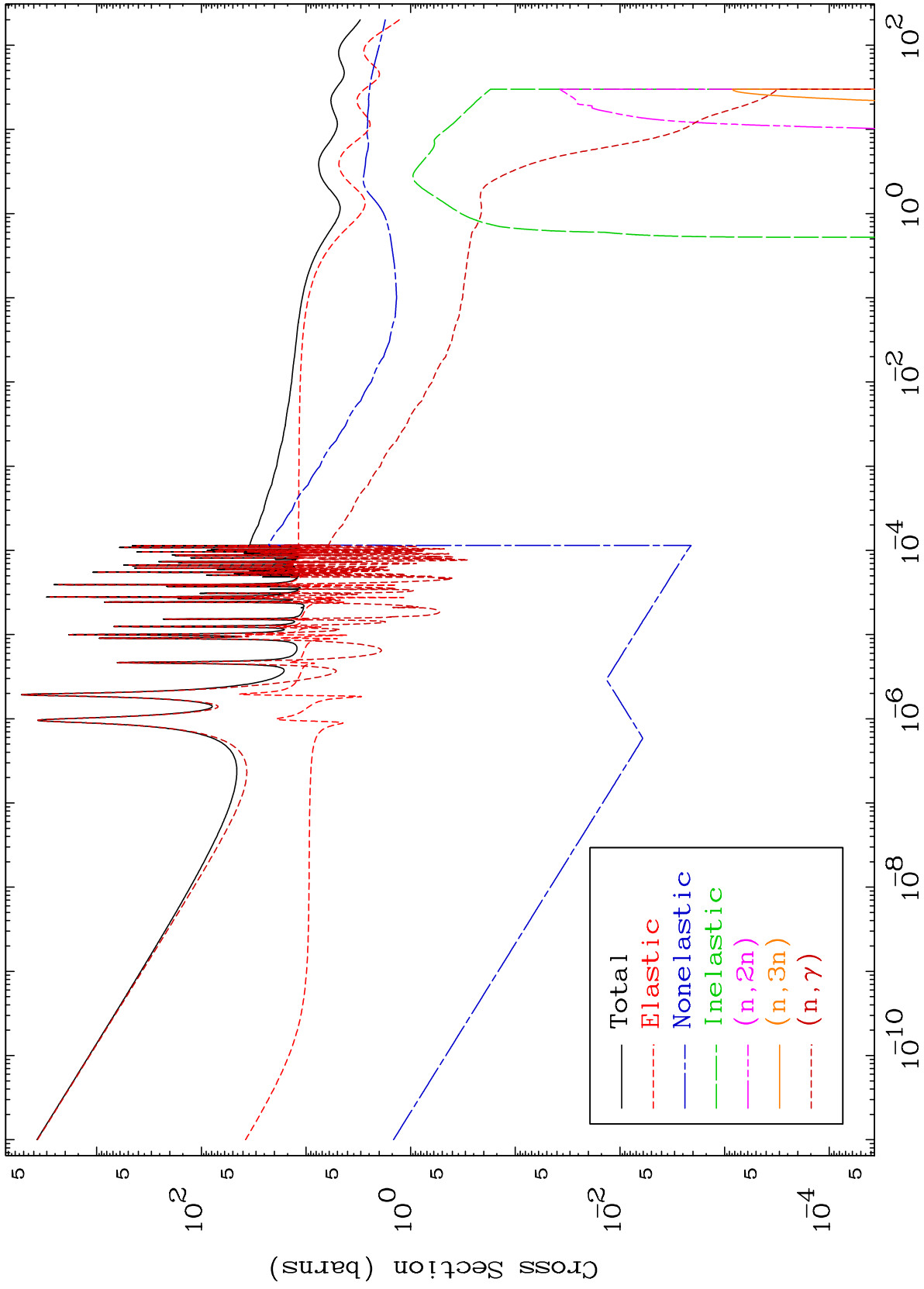
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8780

Neutron Major  
293 Kelvin Cross Sections

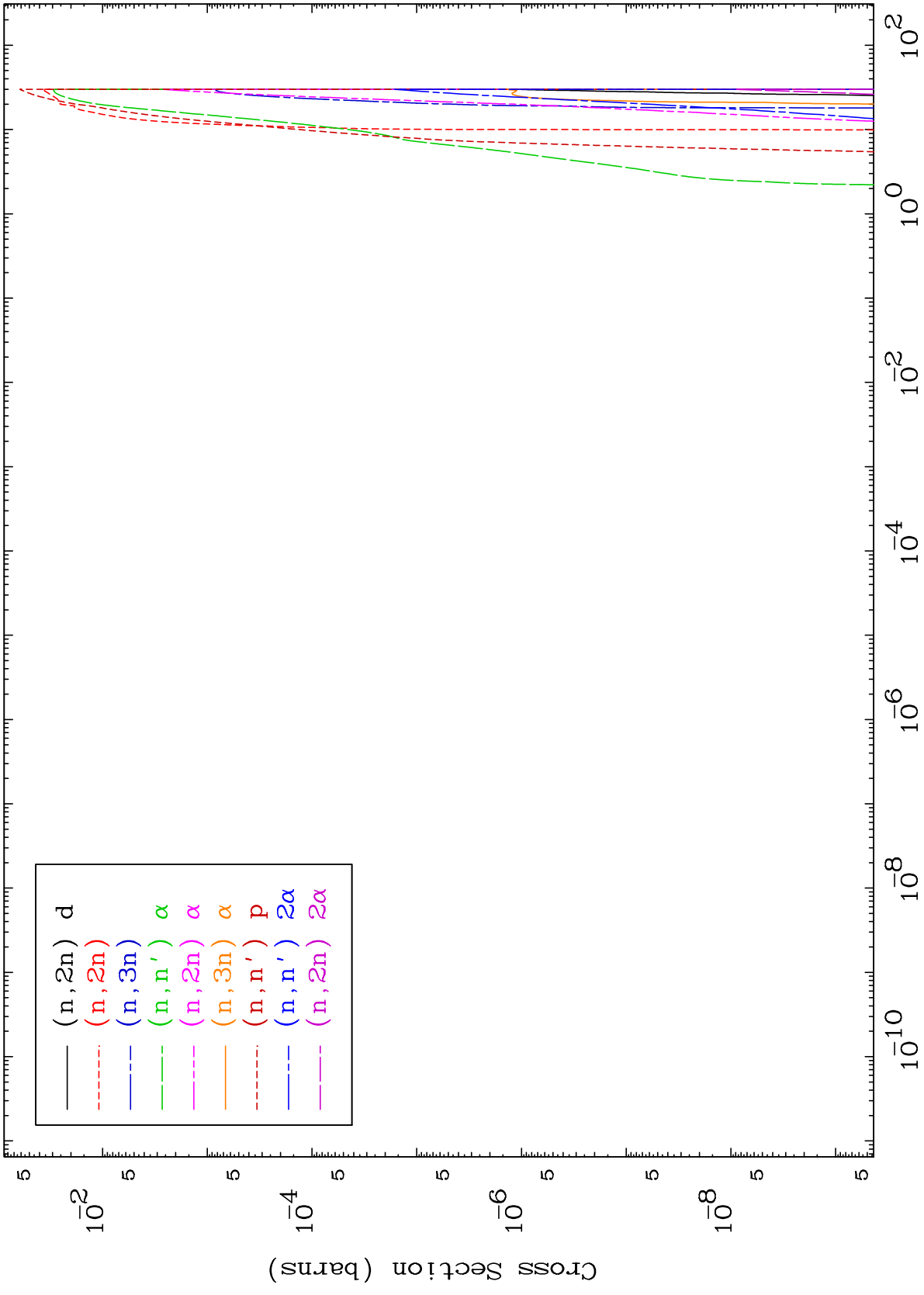
88-Ra-208



MAT 8780

### Neutron Absorption 293 Kelvin Cross Sections

88-Ra-208

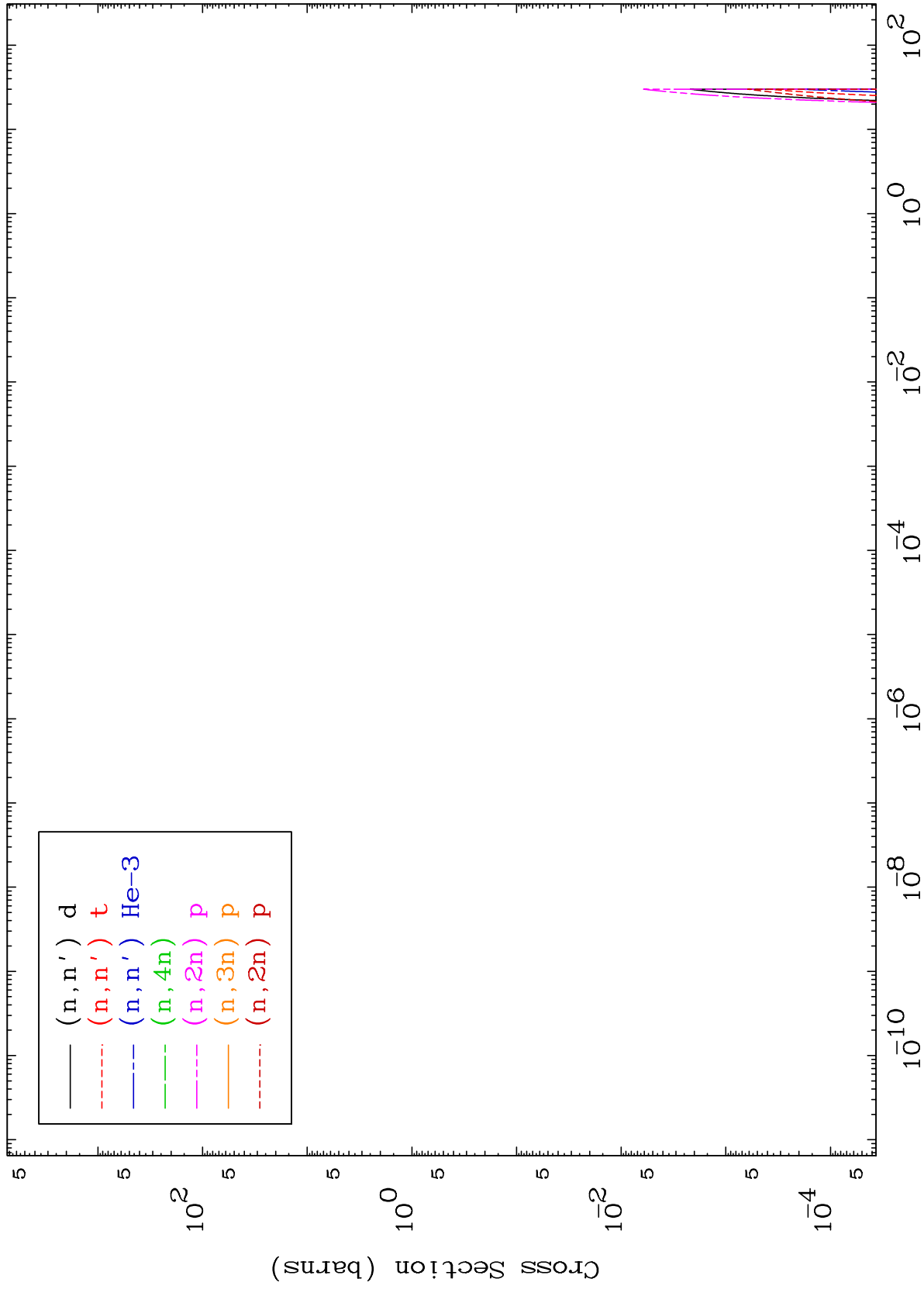


88-Ra-208

MAT 8780

Neutron Absorption  
293 Kelvin Cross Sections

88-Ra-208



3

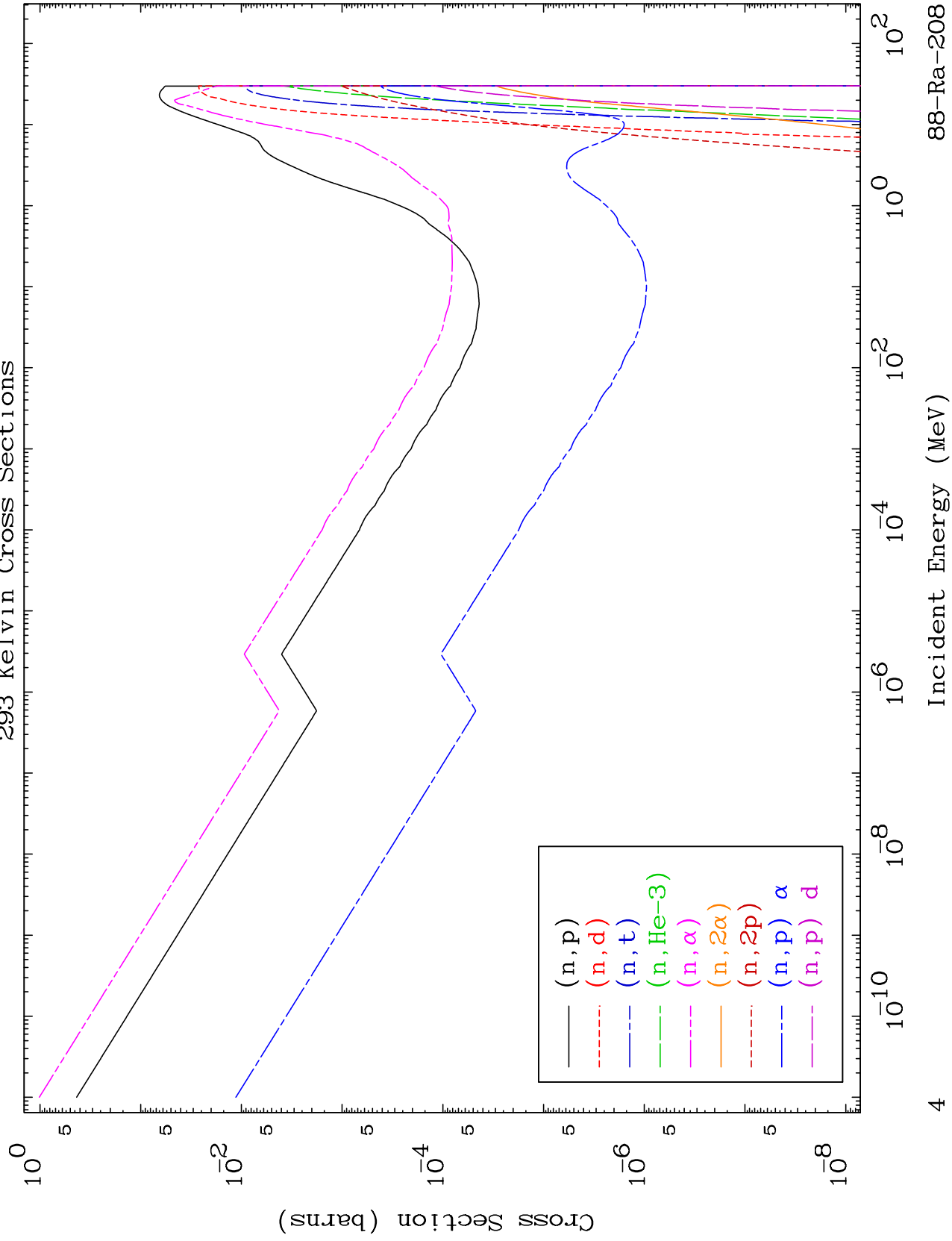
Incident Energy (MeV)

88-Ra-208

MAT 8780

Neutron Absorption  
293 Kelvin Cross Sections

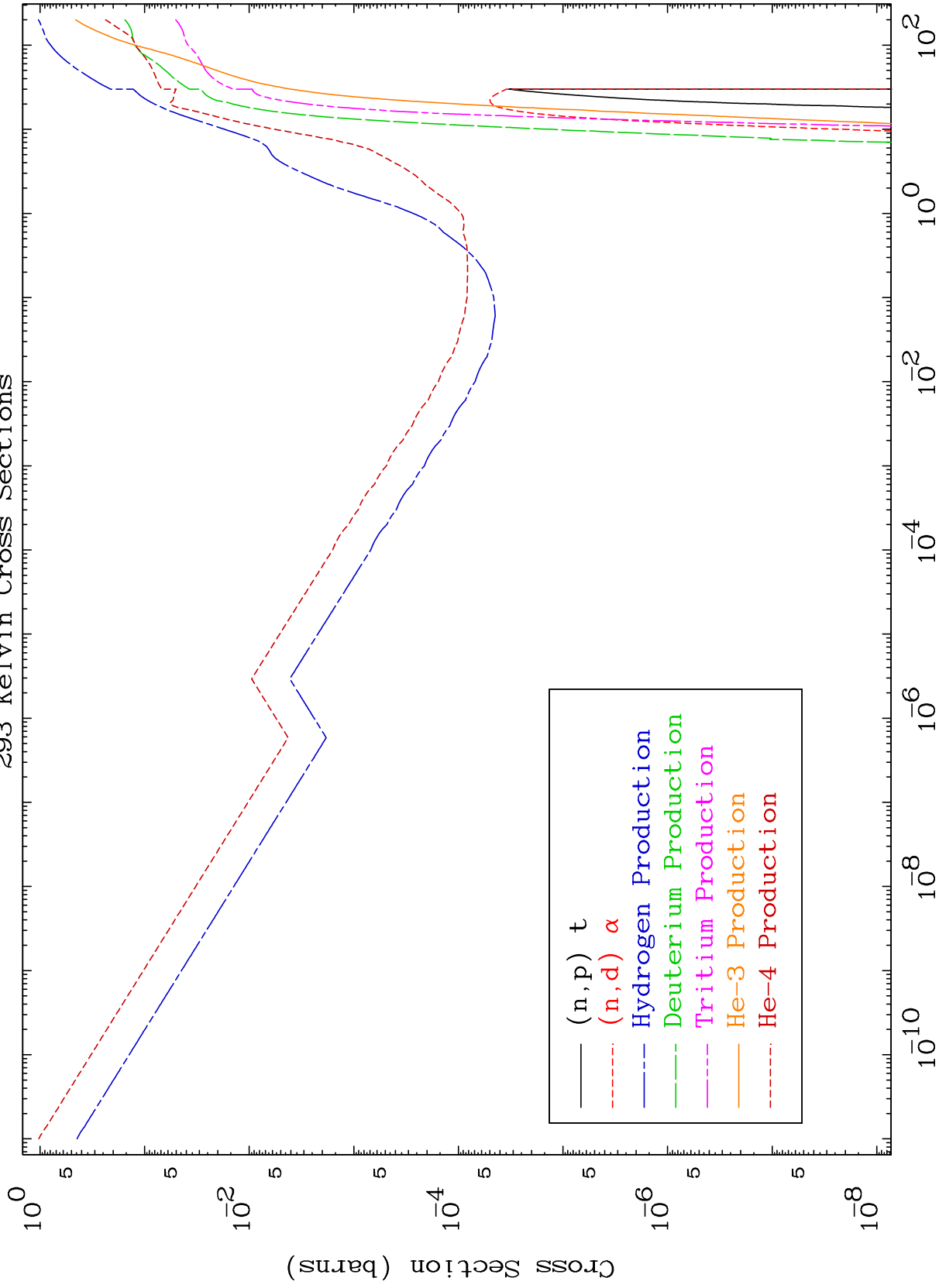
88-Ra-208



MAT 8780

Neutron Absorption  
293 Kelvin Cross Sections

88-Ra-208



5

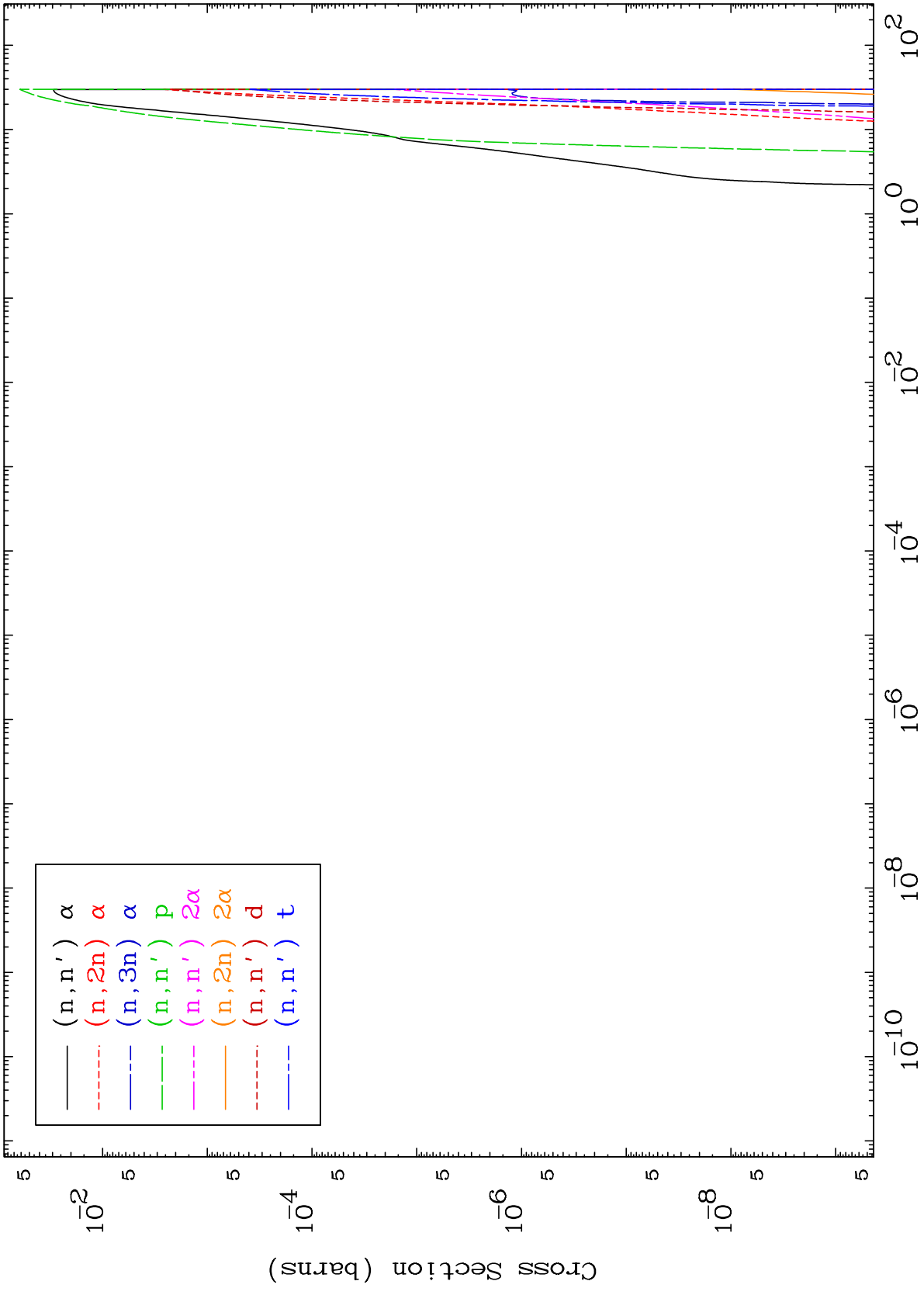
Incident Energy (MeV)

88-Ra-208

MAT 8780

293 Charged Particle  
Kelvin Cross Sections

88-Ra-208



6

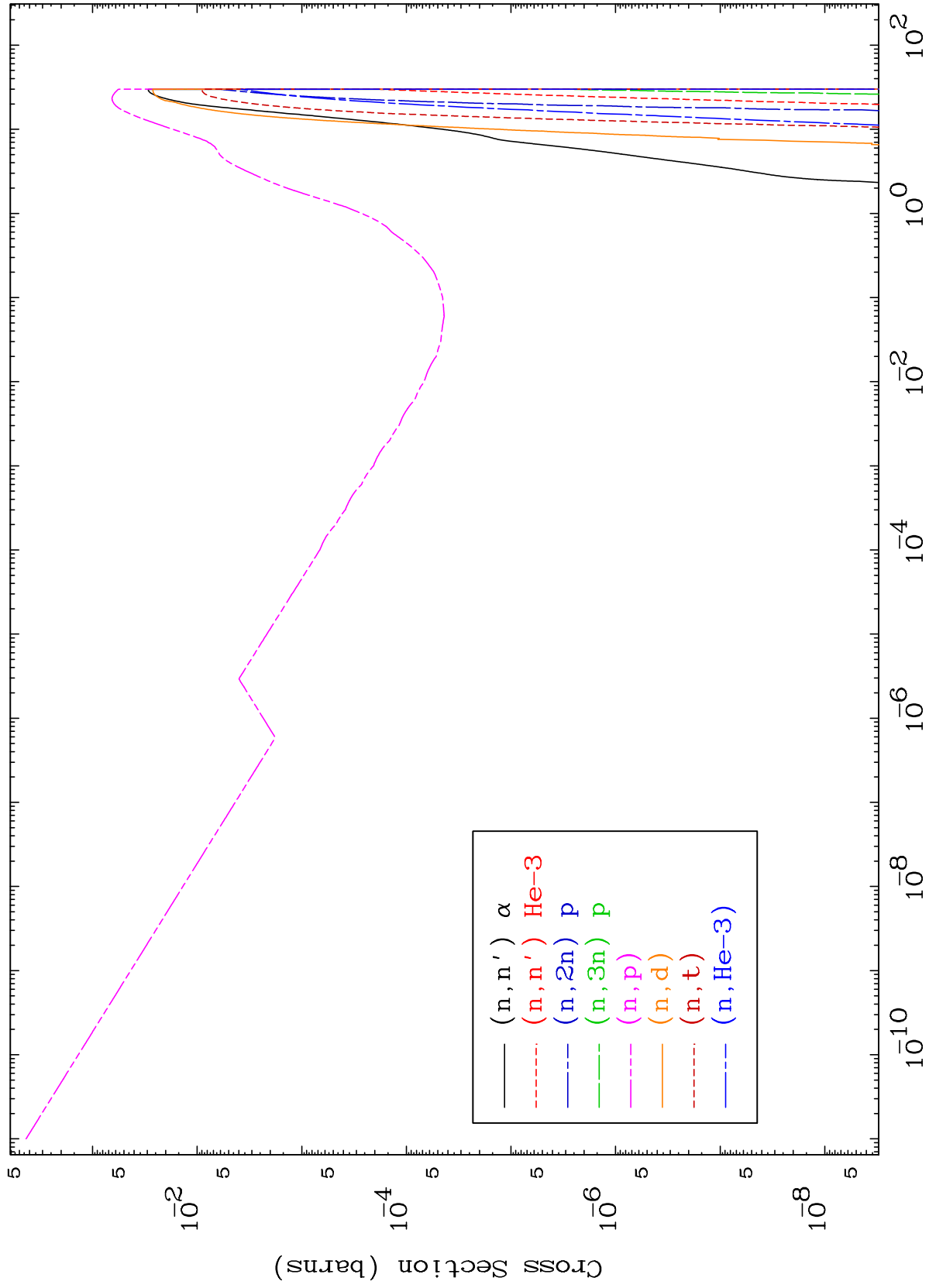
Incident Energy (MeV)

88-Ra-208

MAT 8780

Charged Particle  
293 Kelvin Cross Sections

88-Ra-208



7

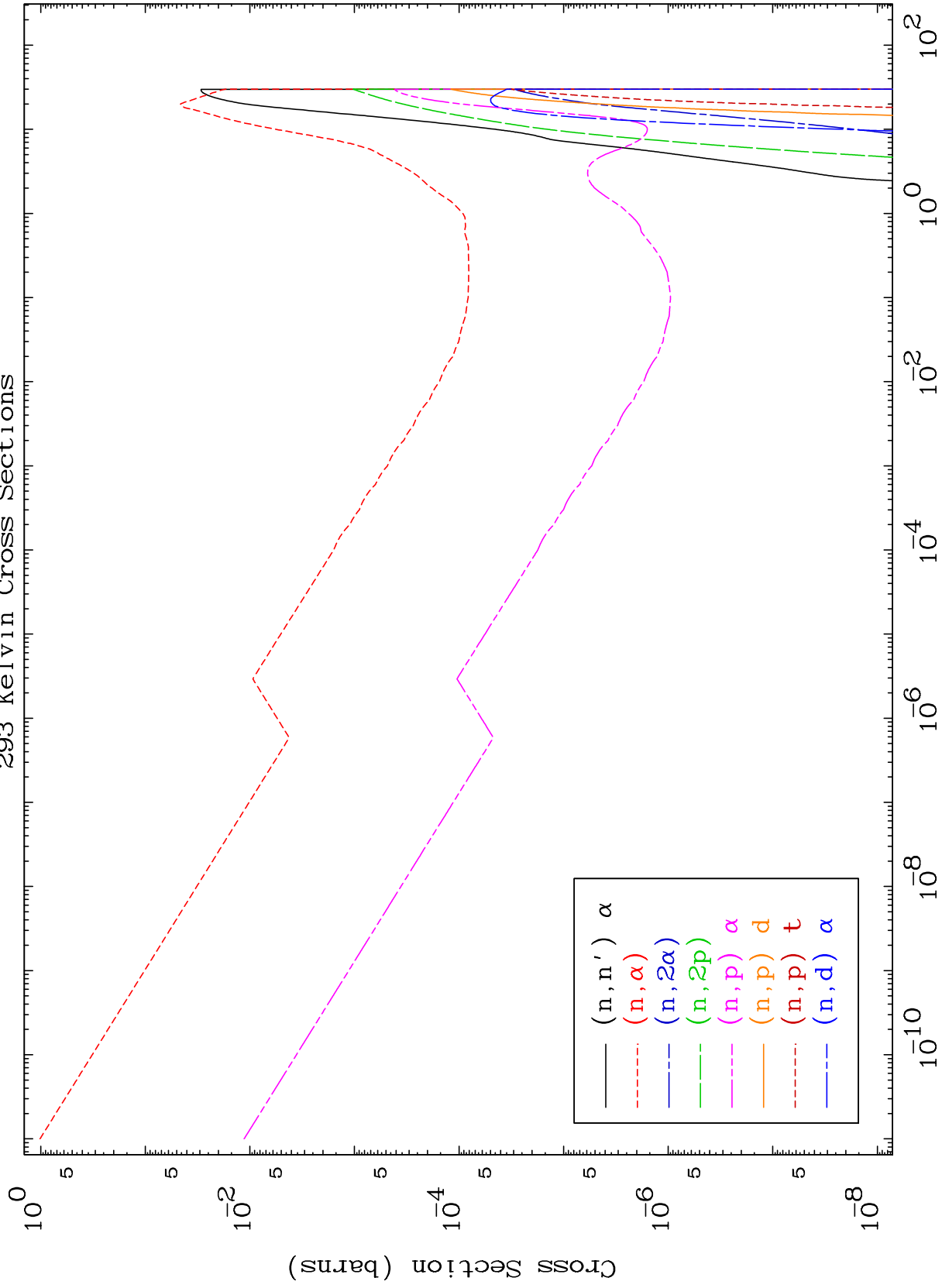
88-Ra-208



MAT 8780

Charged Particle  
293 Kelvin Cross Sections

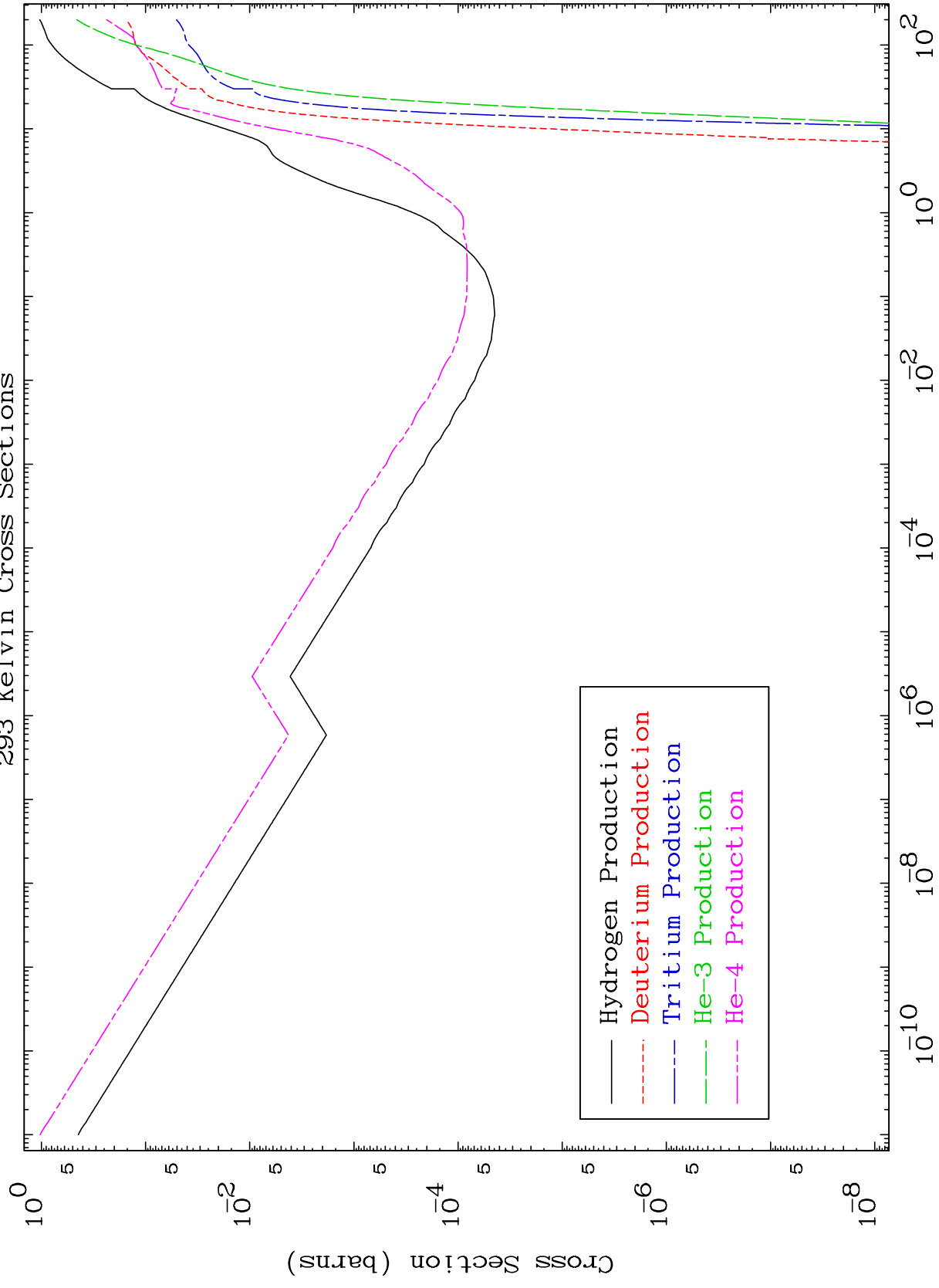
88-Ra-208



MAT 8780

Particle Production  
293 Kelvin Cross Sections

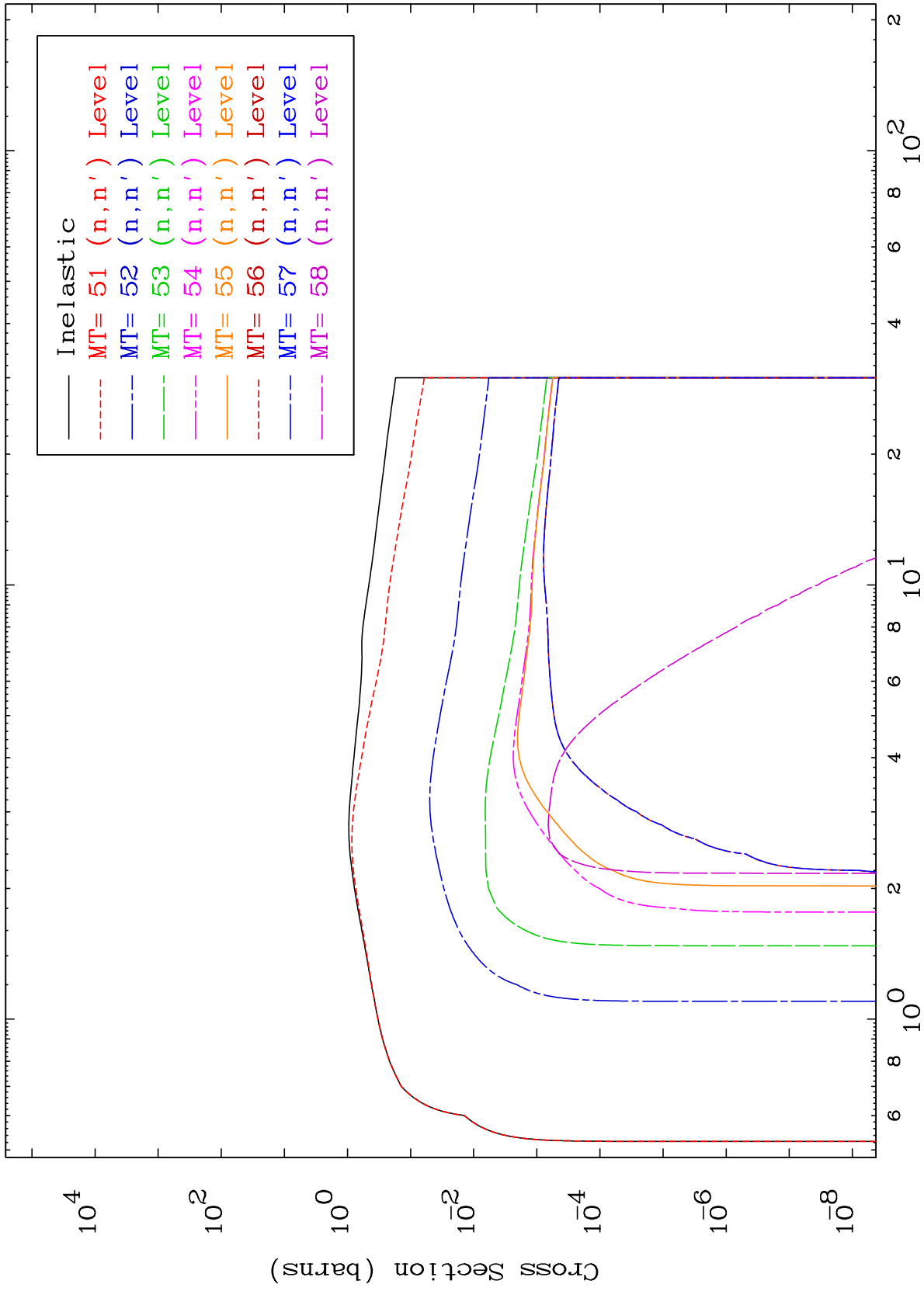
88-Ra-208



MAT 8780

(n,n') Levels  
293 Kelvin Cross Sections

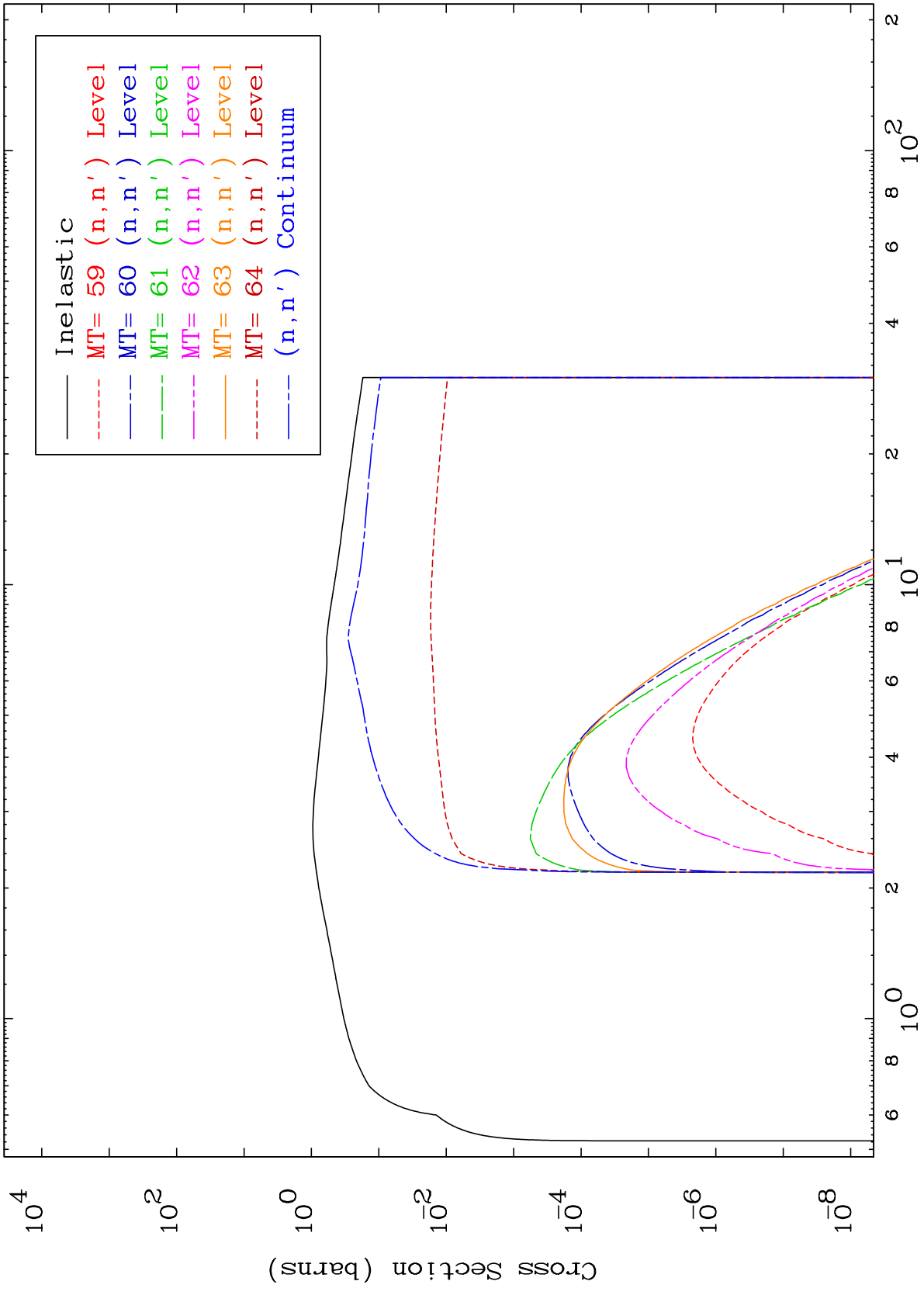
88-Ra-208



10

Incident Energy (MeV)

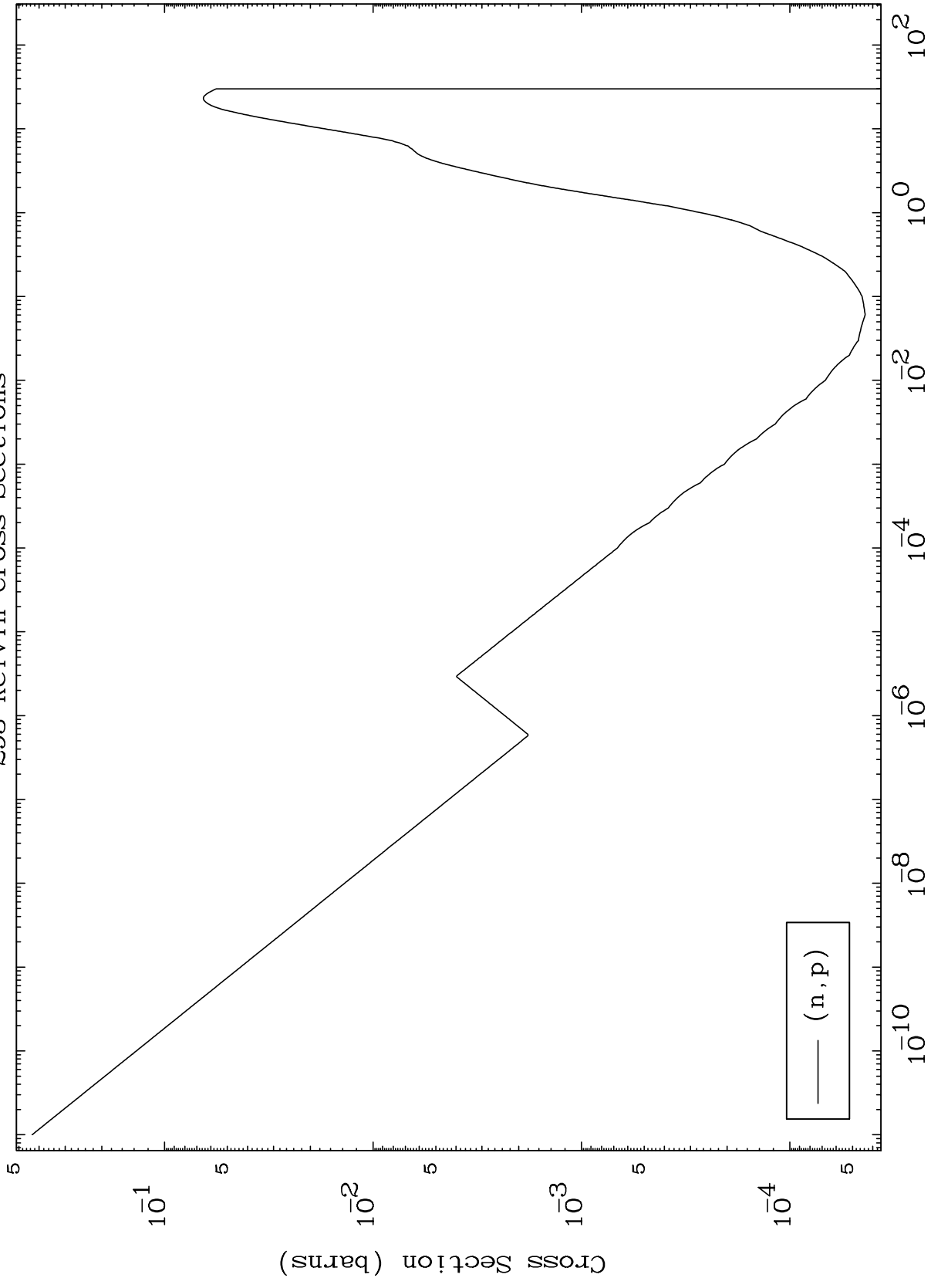
88-Ra-208



MAT 8780

(n,p) Levels  
293 Kelvin Cross Sections

88-Ra-208

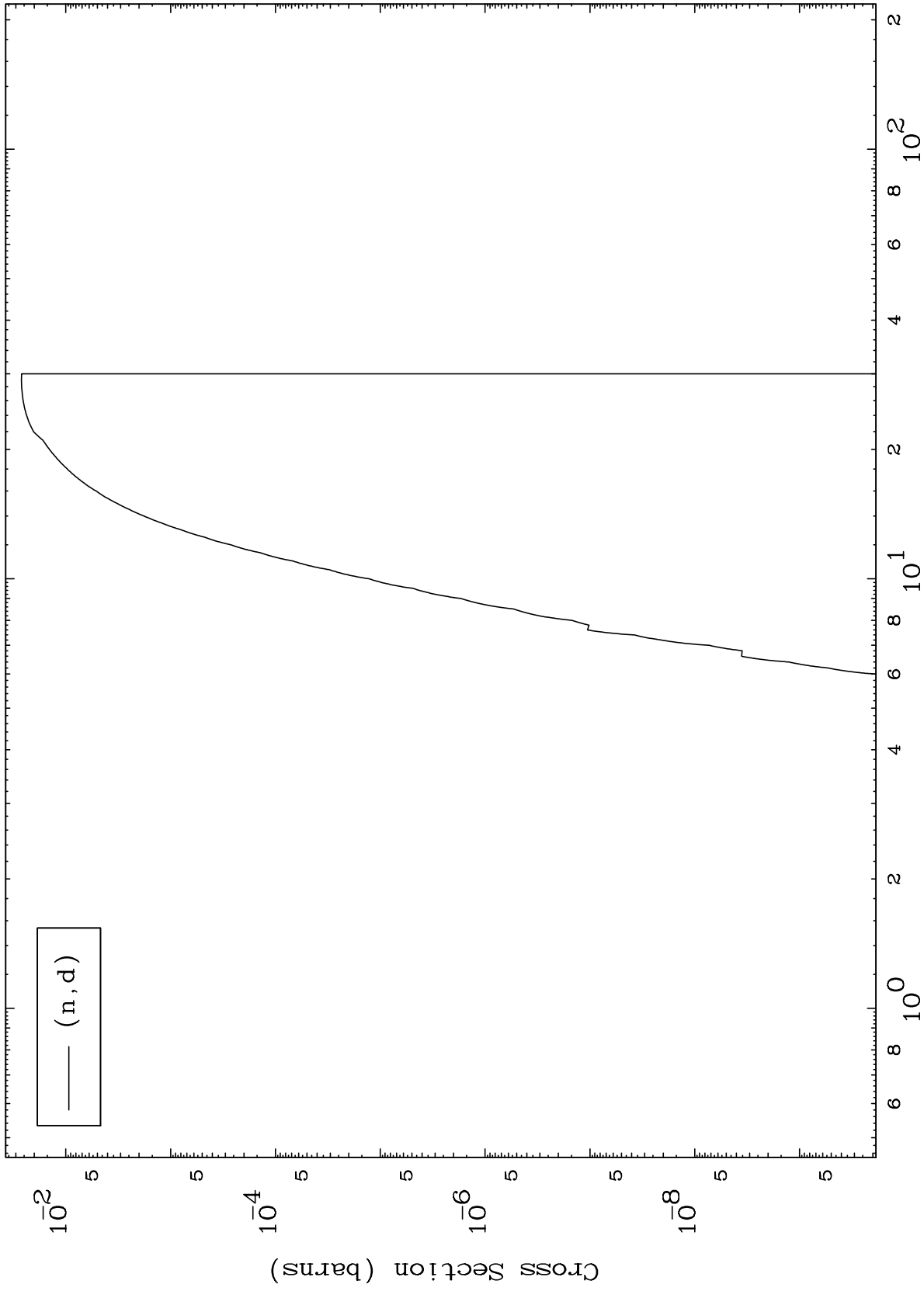


(n,p)

MAT 8780

(n,d) Levels  
293 Kelvin Cross Sections

88-Ra-208



13

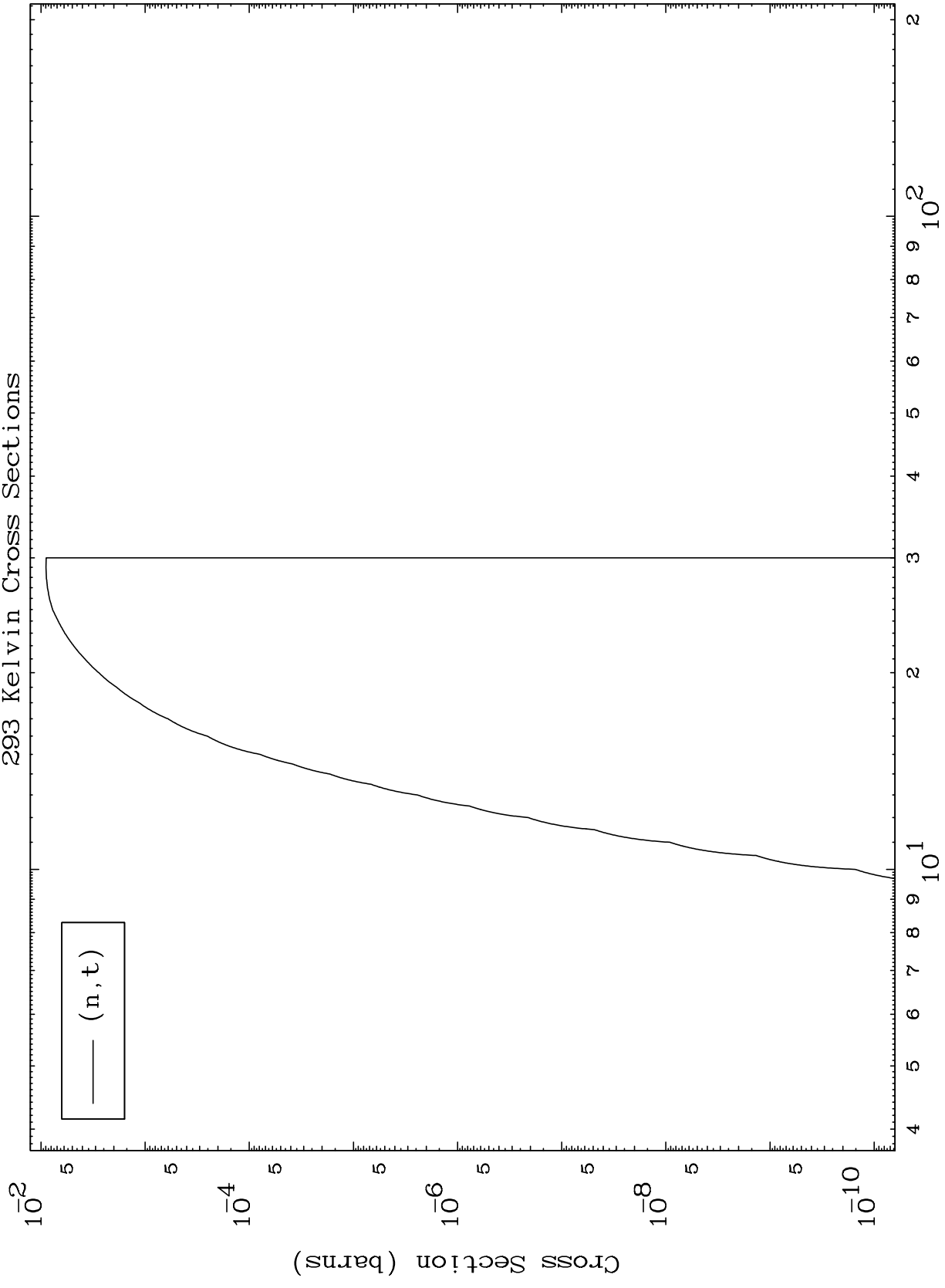
Incident Energy (MeV)

88-Ra-208

MAT 8780

88-Ra-208

(n,t) Levels  
293 Kelvin Cross Sections



14

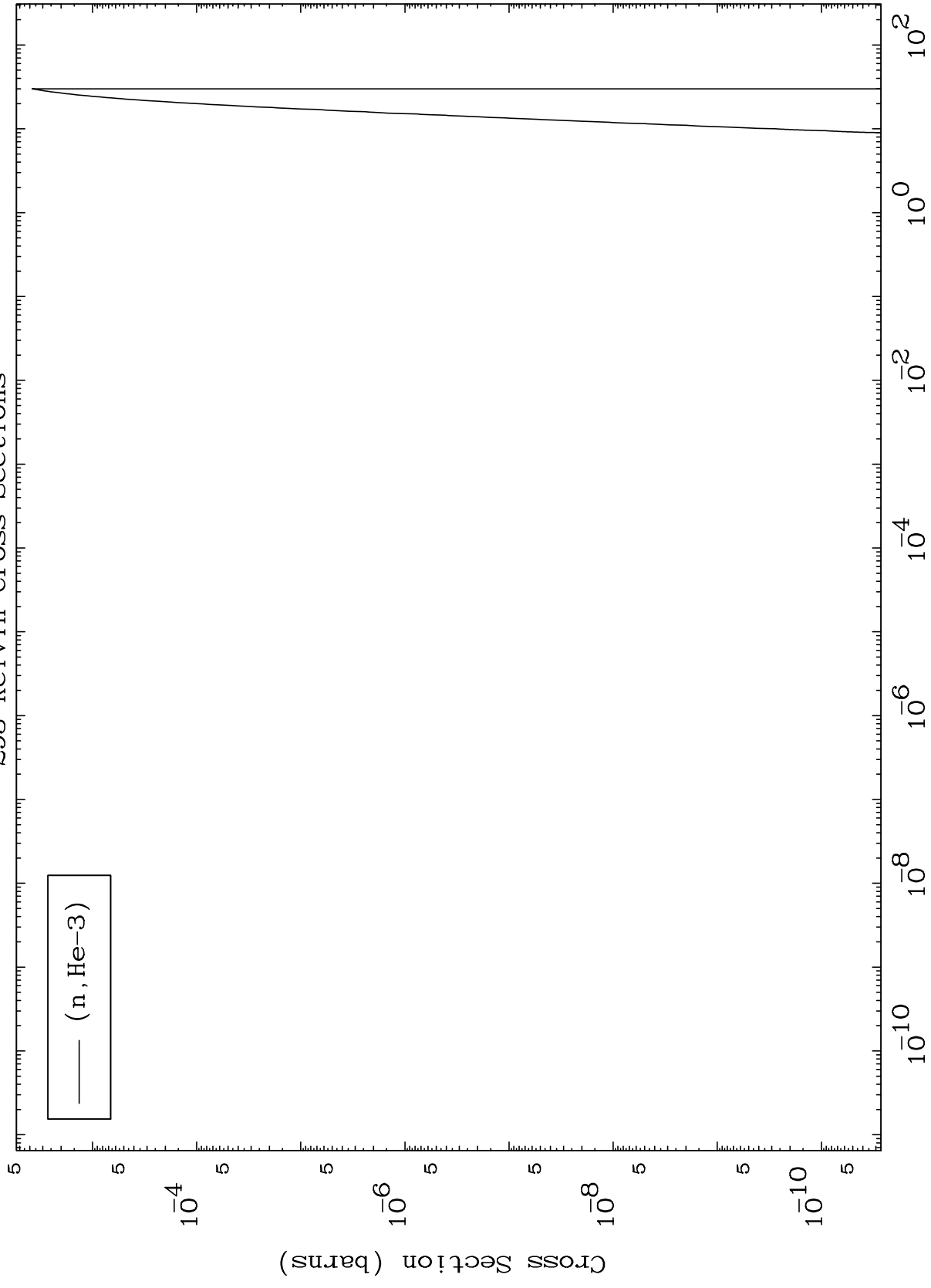
Incident Energy (MeV)

88-Ra-208

MAT 8780

(n,He3) Levels  
293 Kelvin Cross Sections

88-Ra-208



15

Incident Energy (MeV)

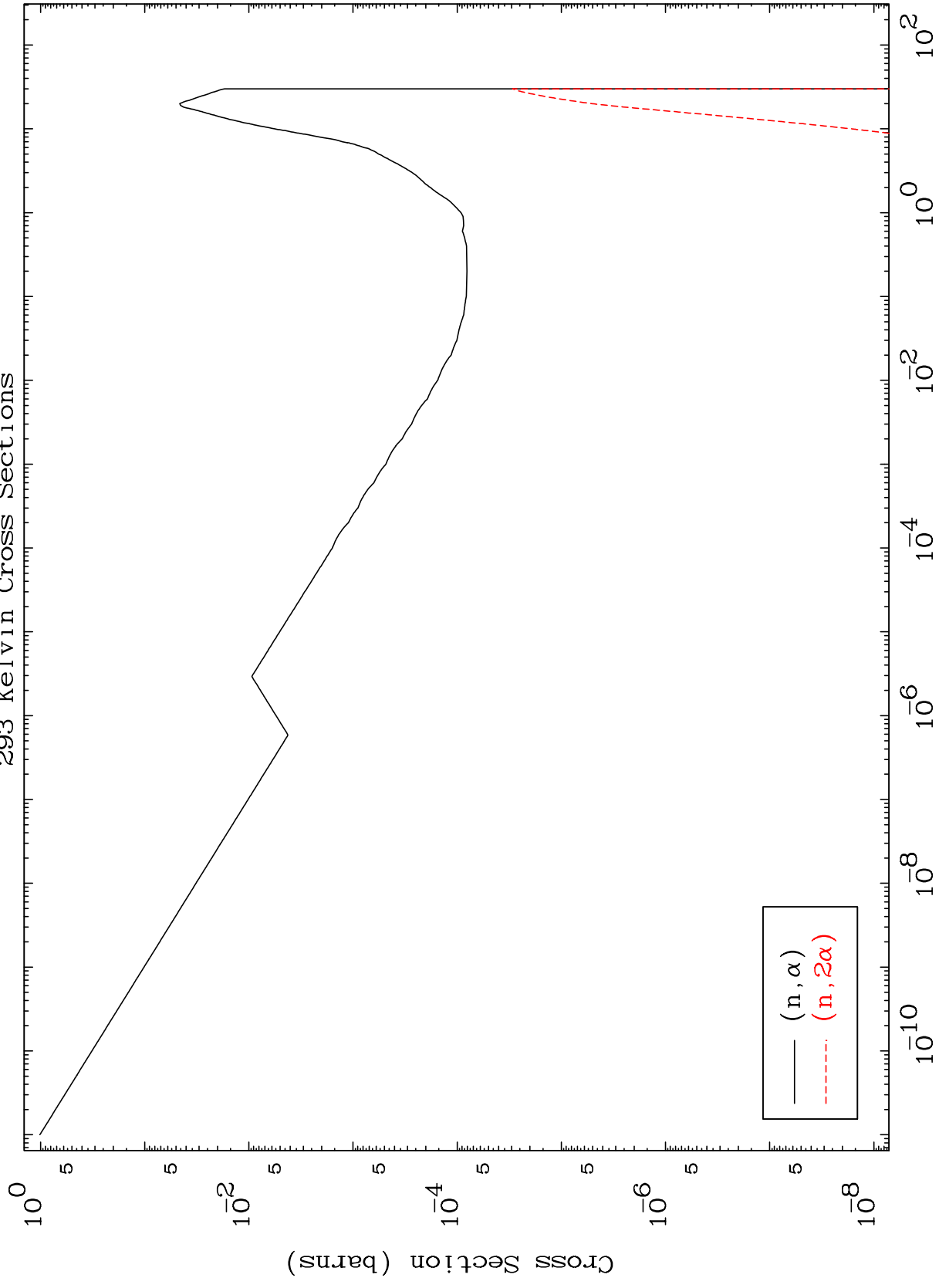
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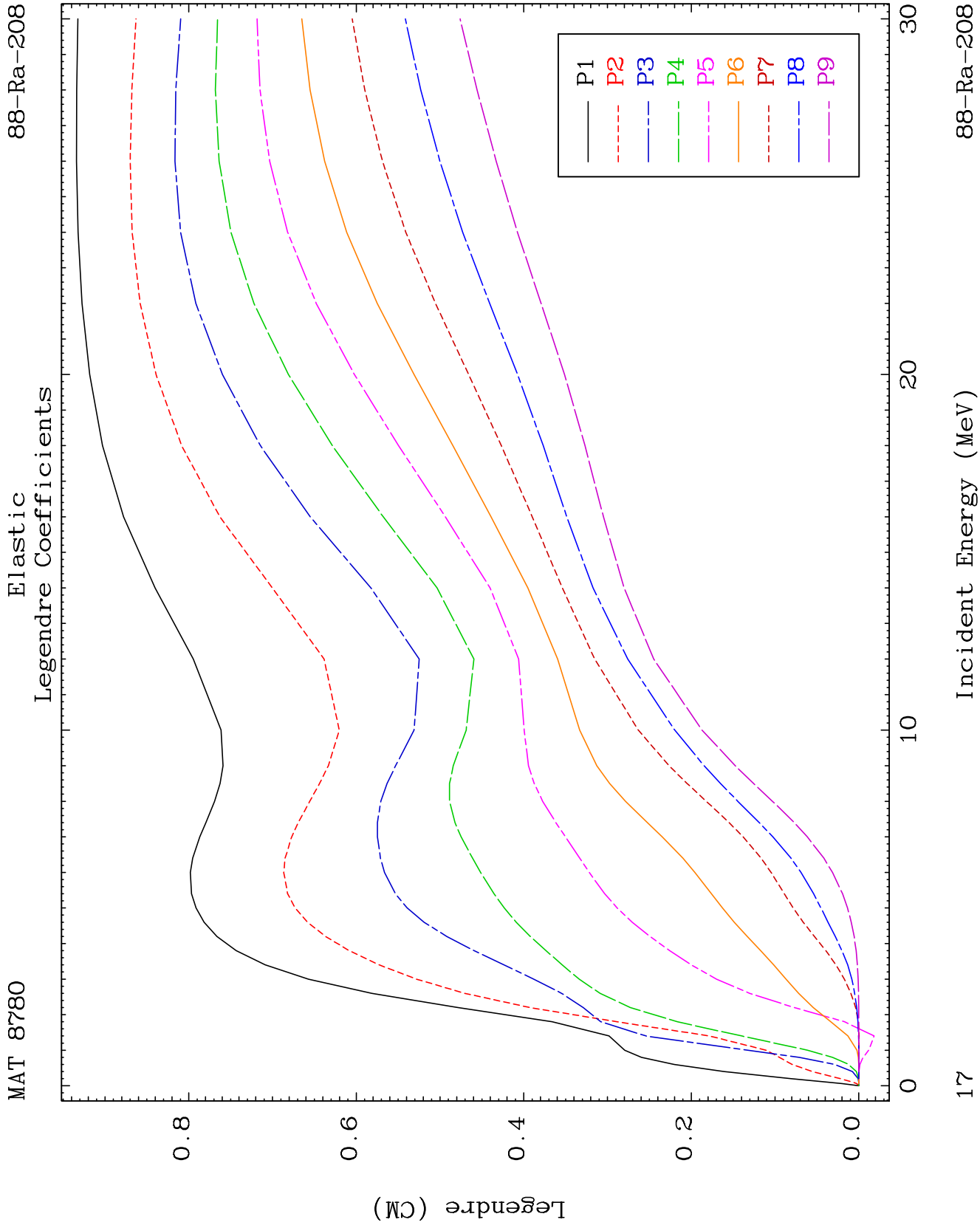


MAT 8780

(n,α) Levels  
293 Kelvin Cross Sections

88-Ra-208

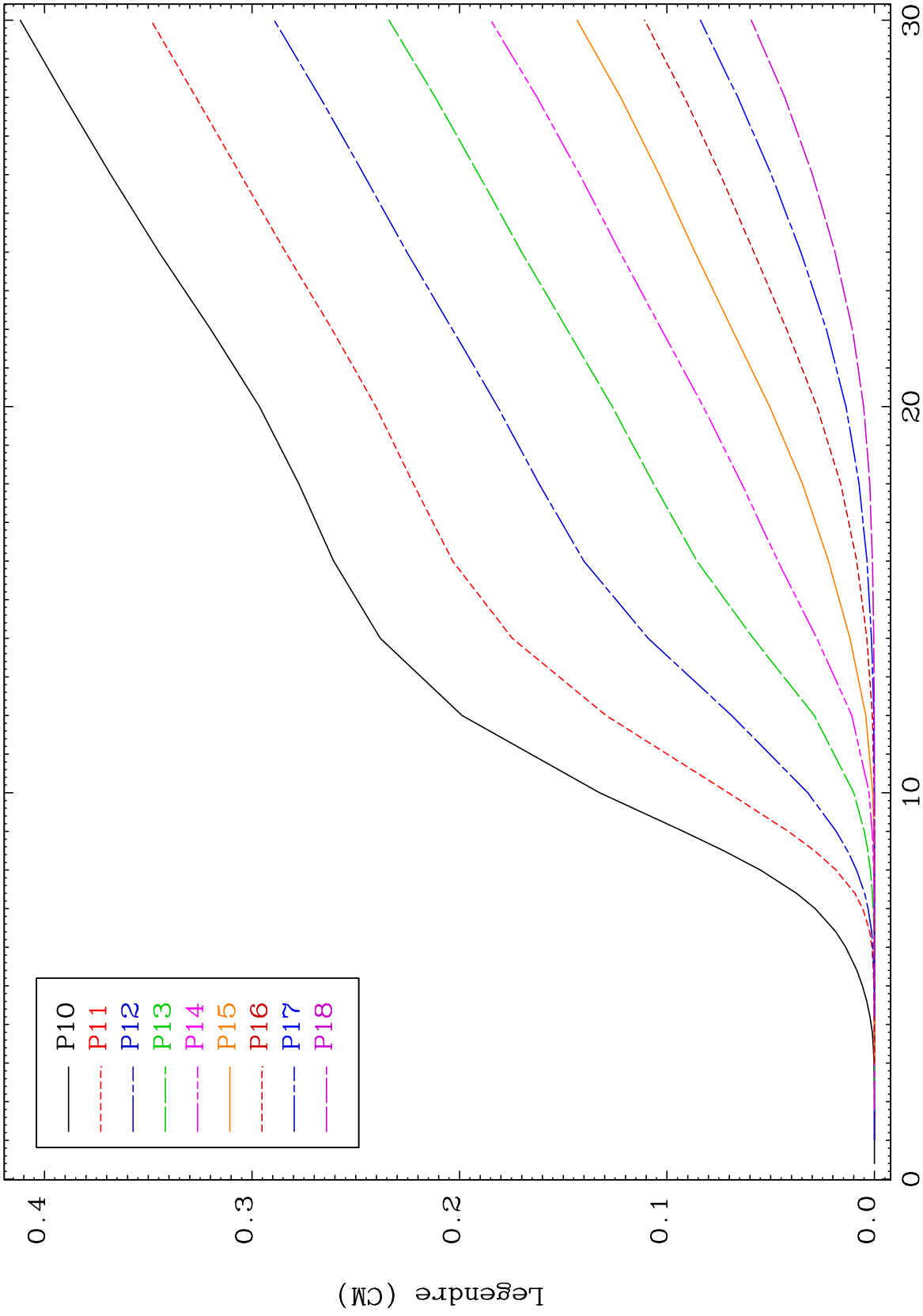




MAT 8780

Elastic Legendre Coefficients

88-Ra-208



18

Incident Energy (MeV)

88-Ra-208

30

20

10

0

0.4

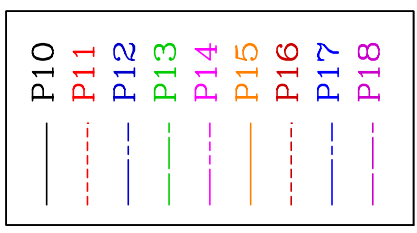
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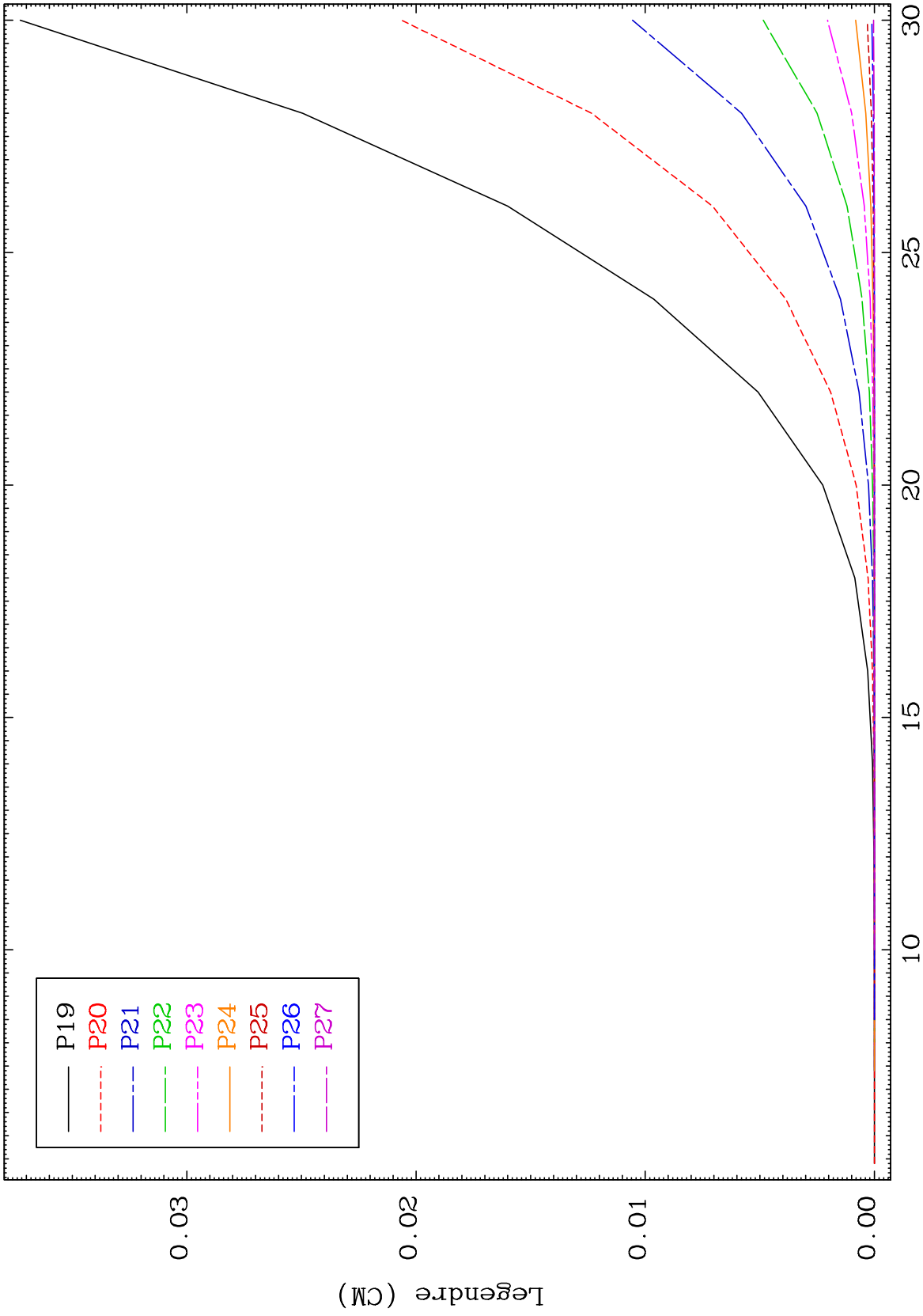
Legendre (CM)



MAT 8780

Elastic Legendre Coefficients

88-Ra-208



19

Incident Energy (MeV)

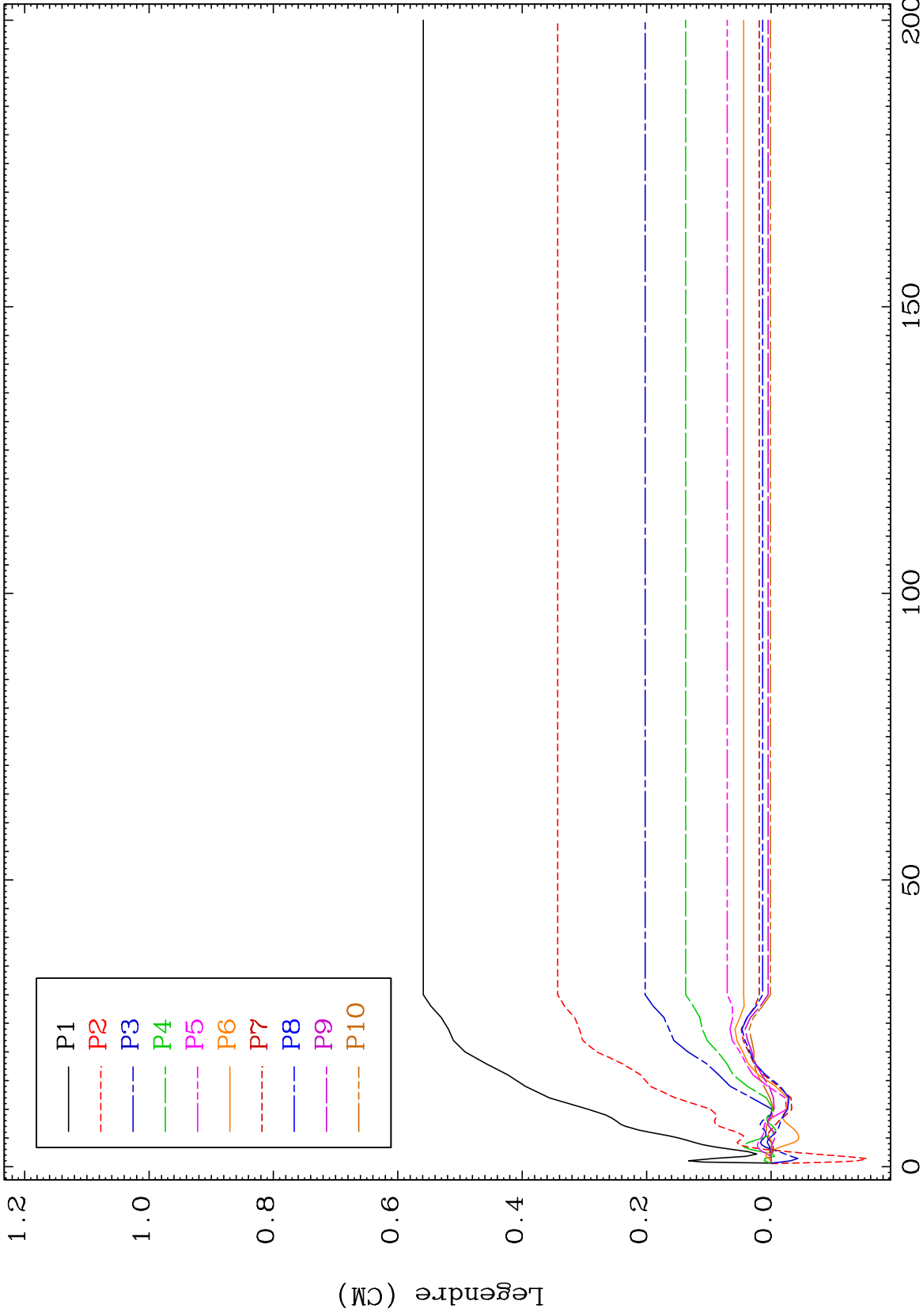
88-Ra-208



MAT 8780

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

88-Ra-208



21

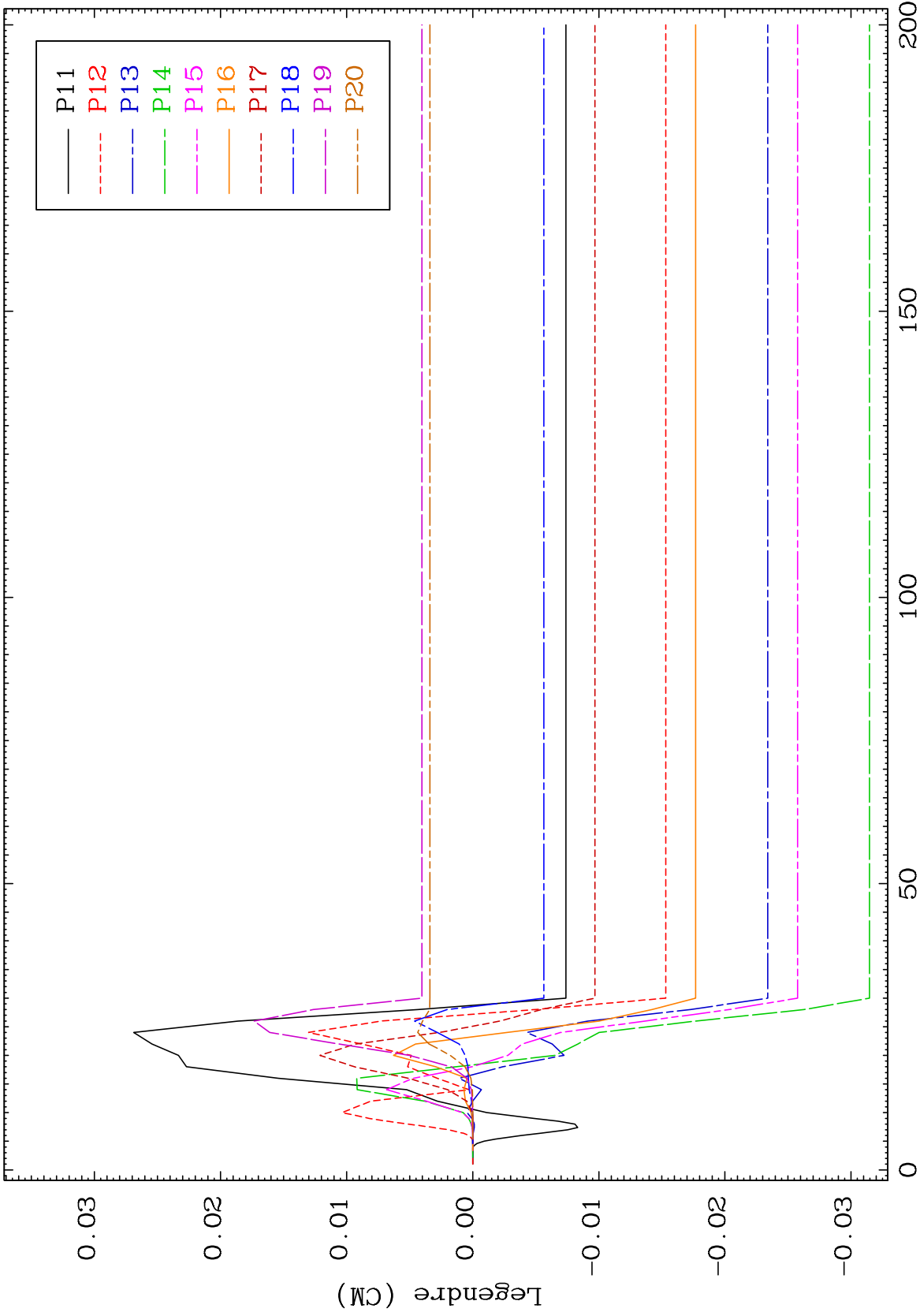
Incident Energy (MeV)

88-Ra-208

MAT 8780

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

88-Ra-208



22

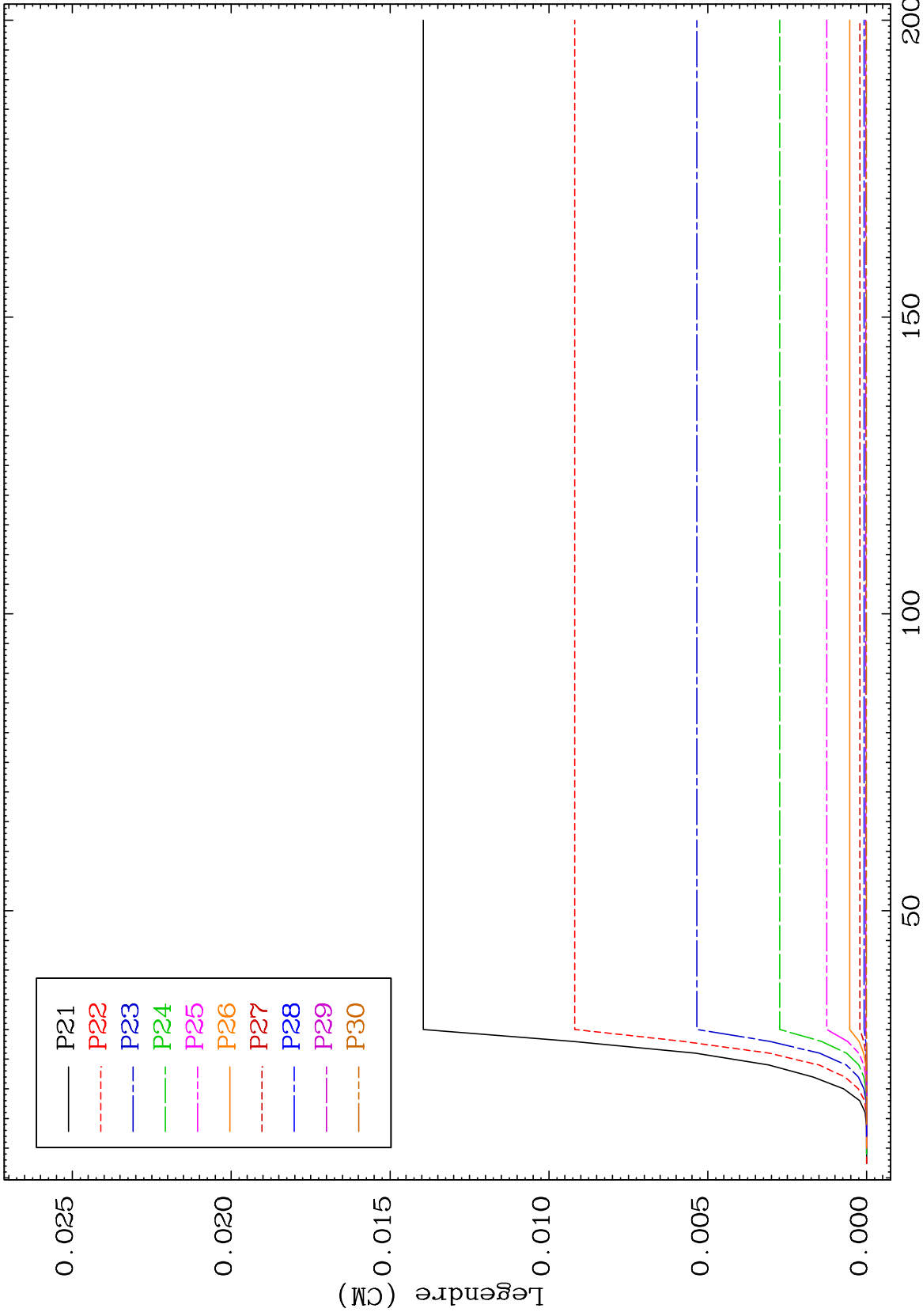
Incident Energy (MeV)

88-Ra-208

MAT 8780

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

88-Ra-208



23

Incident Energy (MeV)

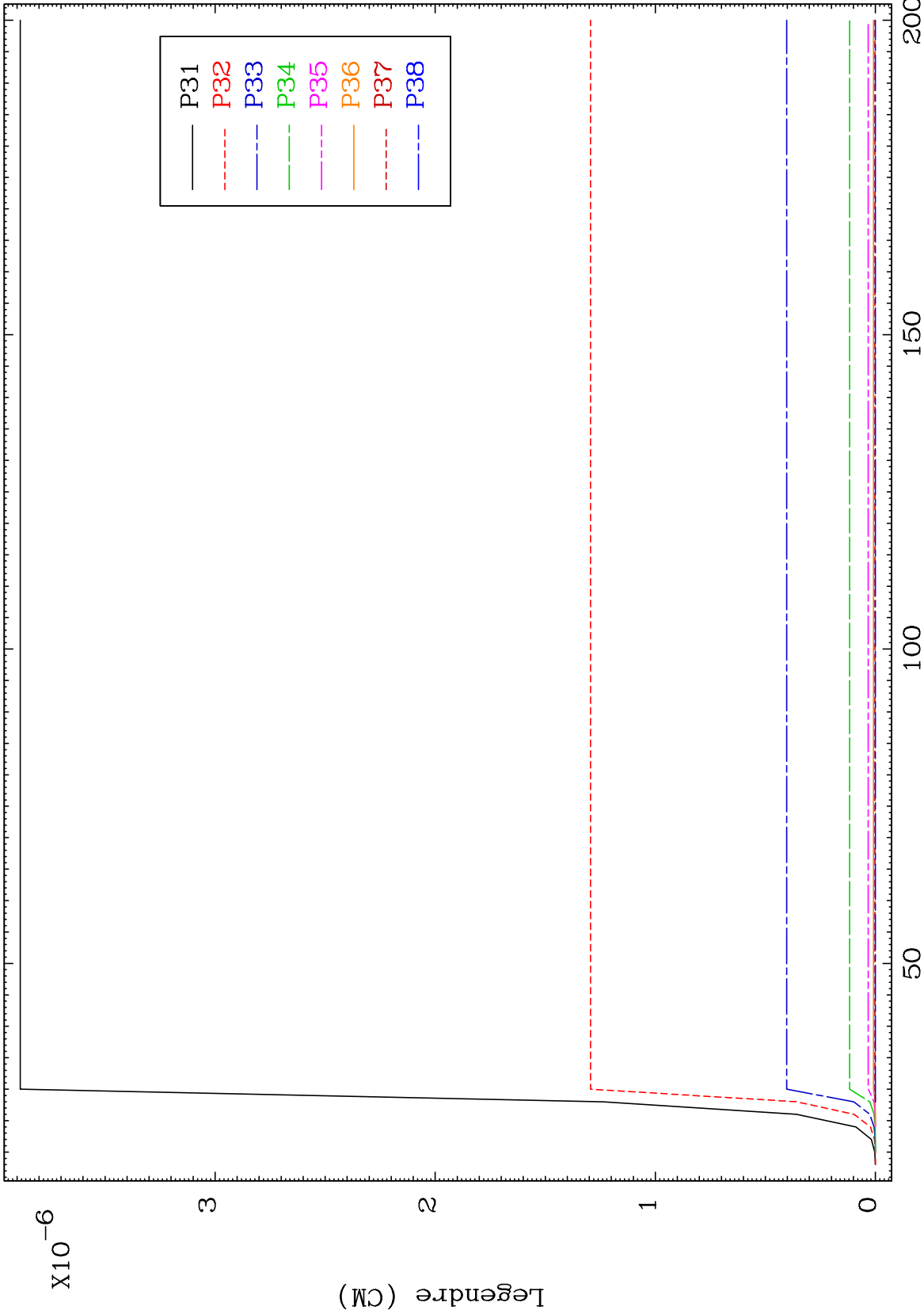
88-Ra-208



MAT 8780

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

88-Ra-208



24

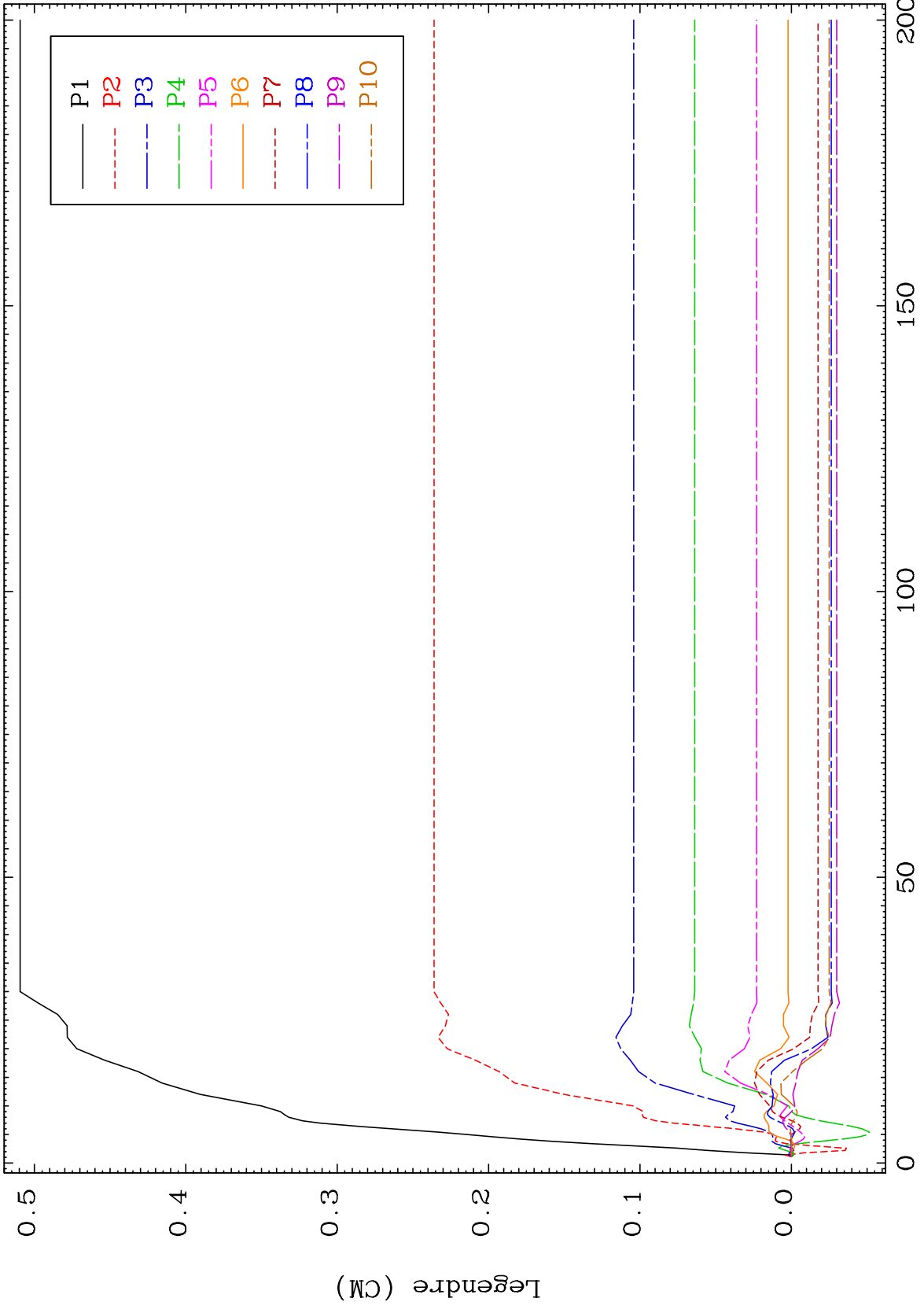
Incident Energy (MeV)

88-Ra-208

MAT 8780

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

88-Ra-208



25

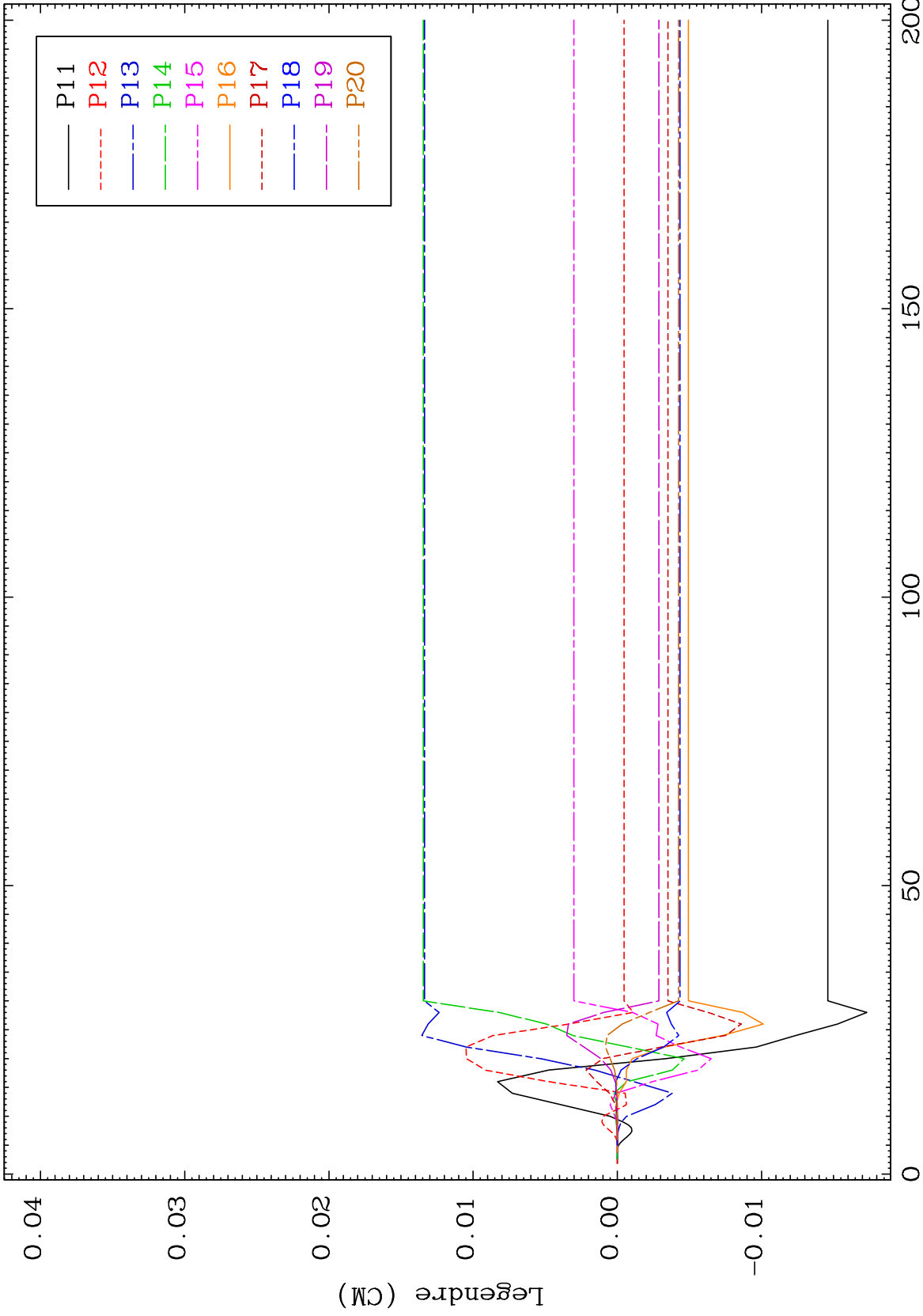
Incident Energy (MeV)

88-Ra-208

MAT 8780

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

88-Ra-208



26

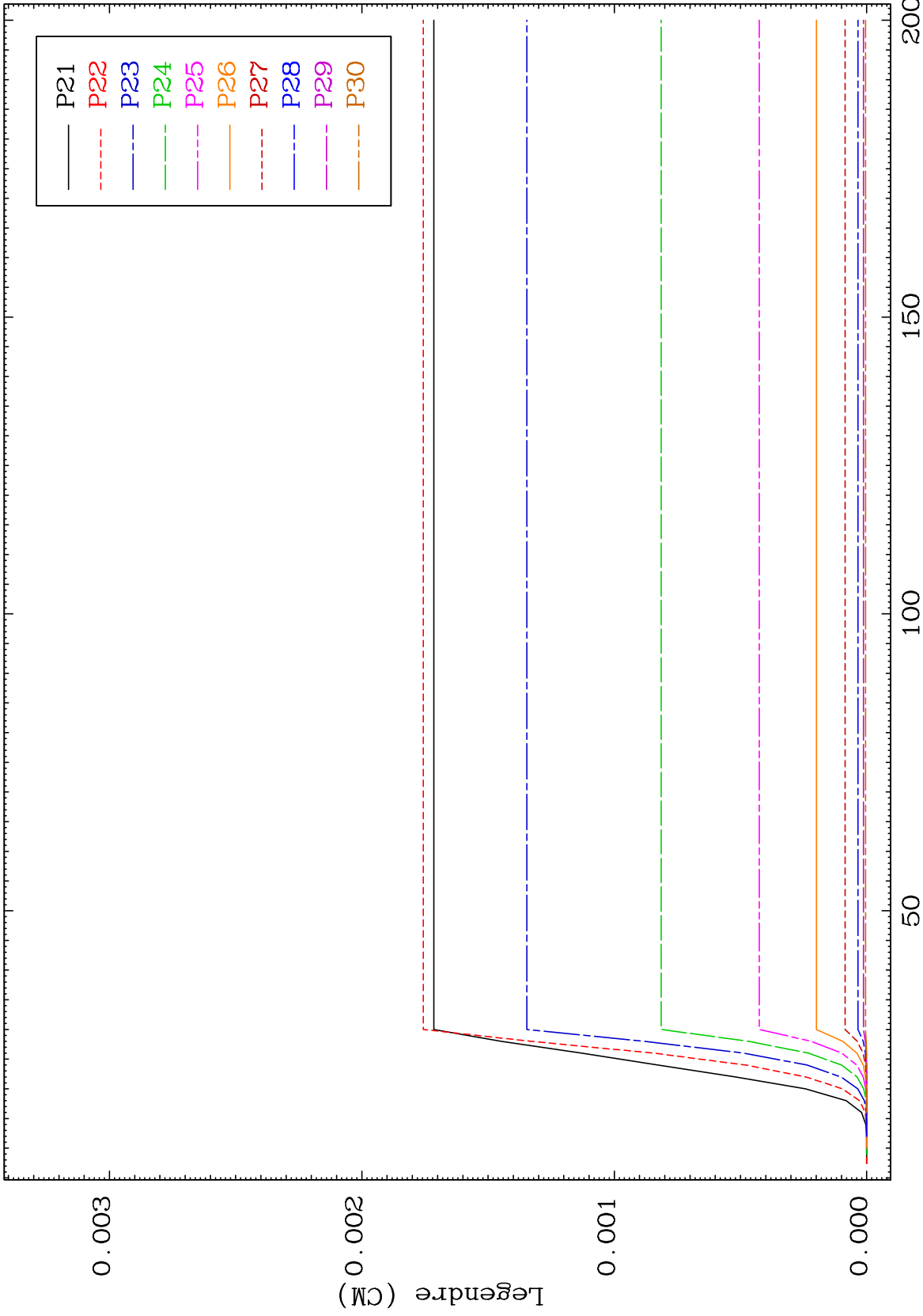
Incident Energy (MeV)

88-Ra-208

MAT 8780

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

88-Ra-208



27

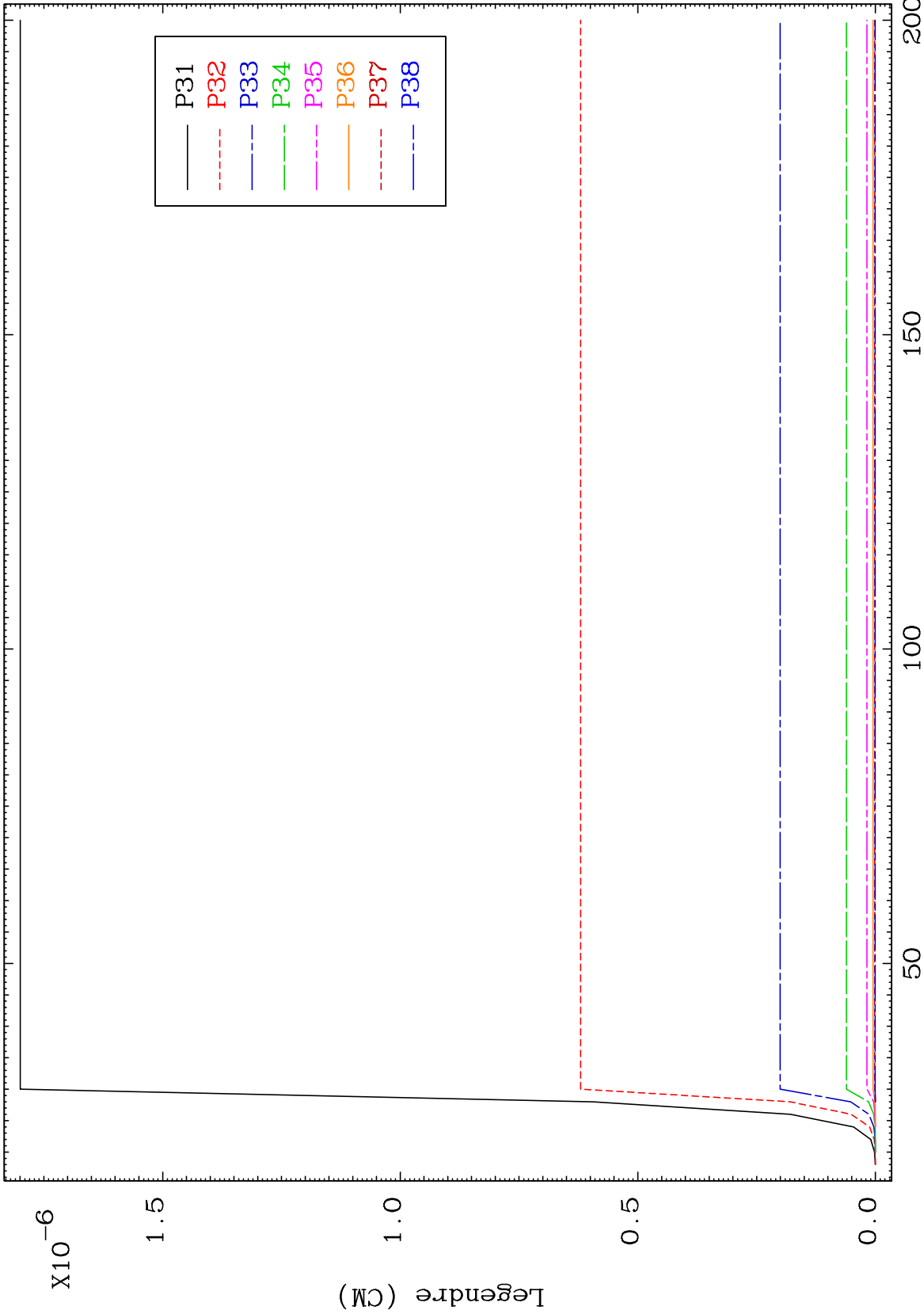
Incident Energy (MeV)

88-Ra-208

MAT 8780

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

88-Ra-208



28

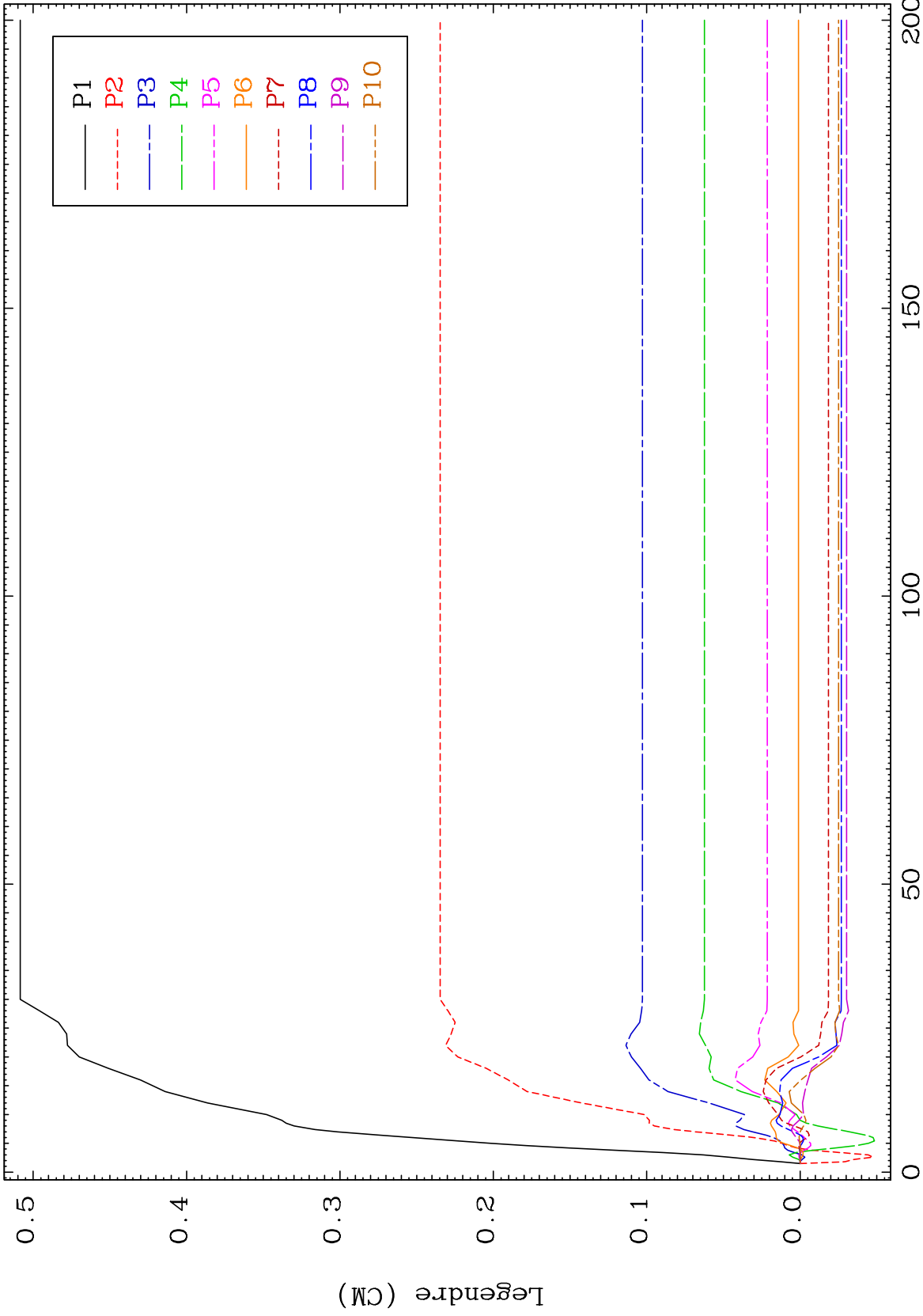
Incident Energy (MeV)

88-Ra-208

MAT 8780

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

88-Ra-208



29

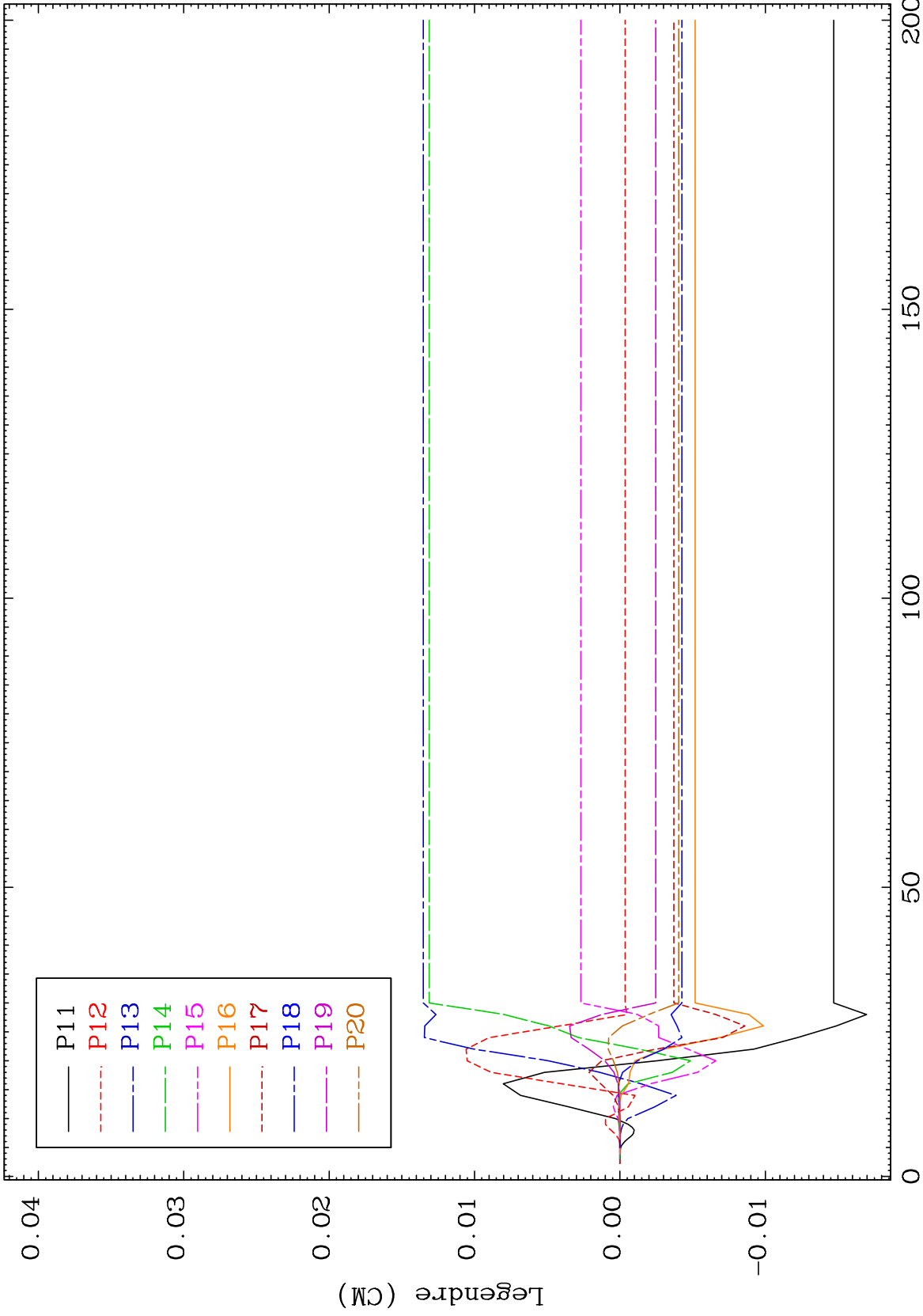
Incident Energy (MeV)

88-Ra-208

MAT 8780

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

88-Ra-208



30

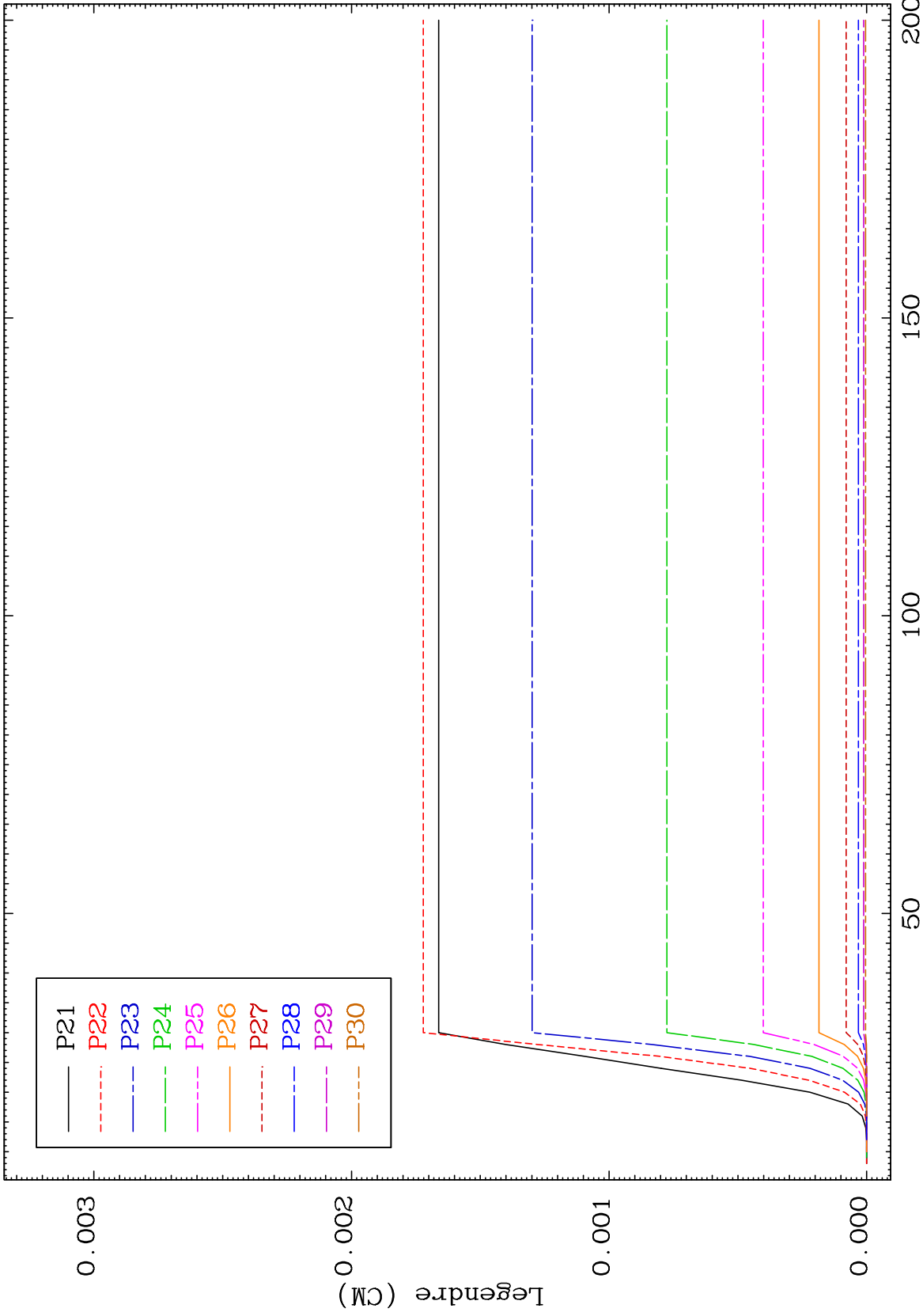
Incident Energy (MeV)

88-Ra-208

MAT 8780

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

88-Ra-208

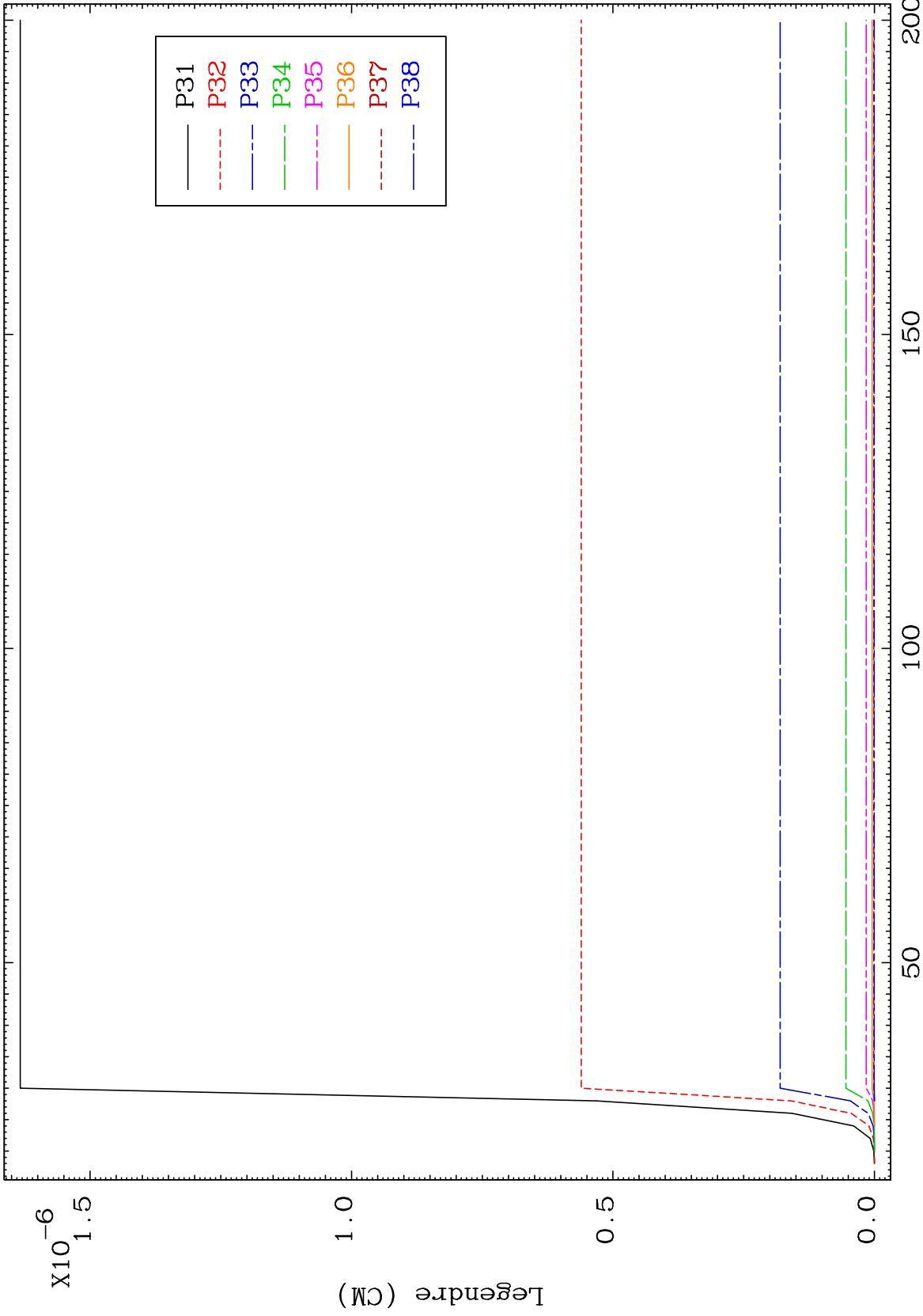




MAT 8780

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

88-Ra-208



32

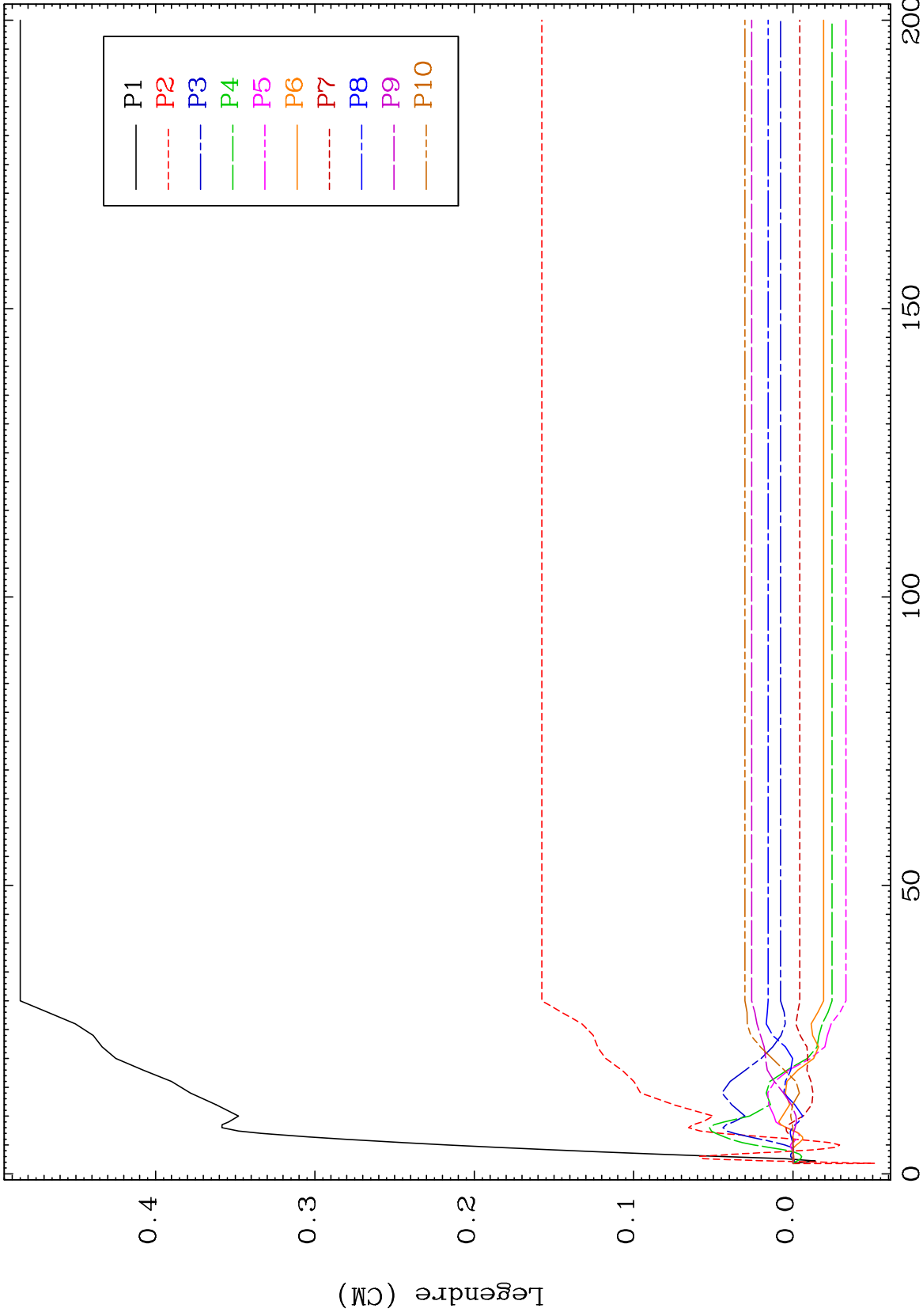
Incident Energy (MeV)

88-Ra-208

MAT 8780

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

88-Ra-208



33

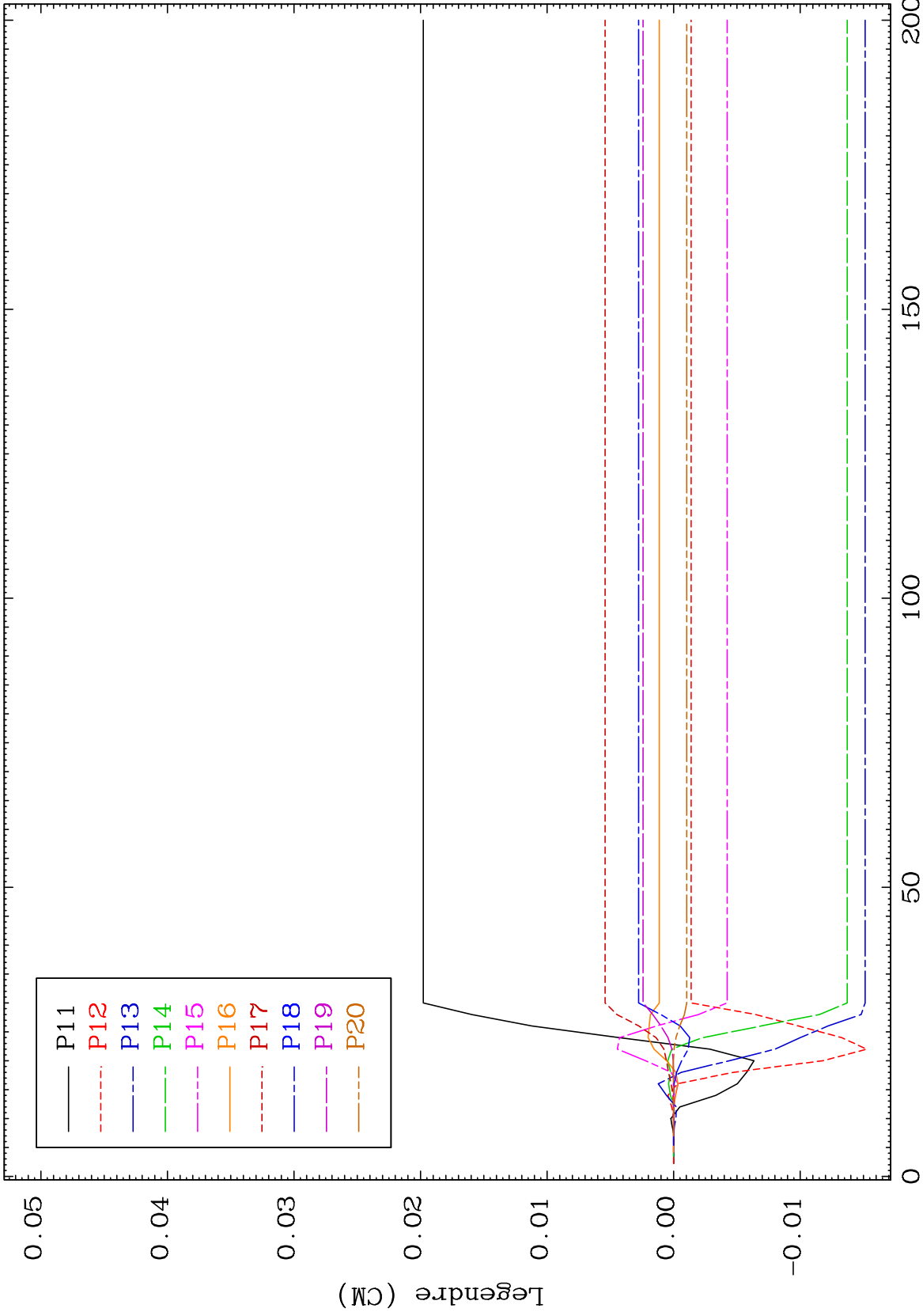
Incident Energy (MeV)

88-Ra-208

MAT 8780

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

88-Ra-208



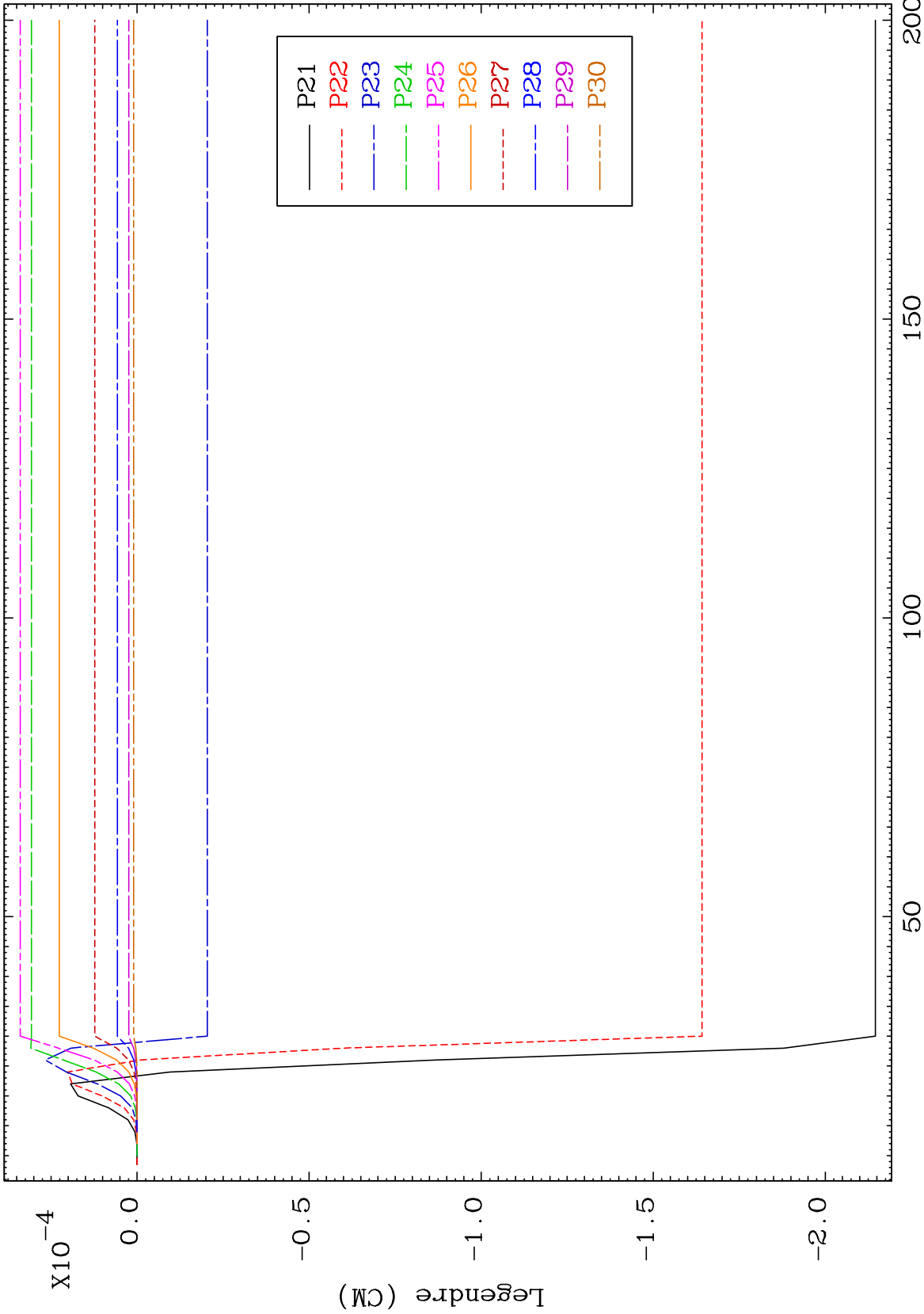
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88-Ra-208

MAT 8780

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

88-Ra-208



35

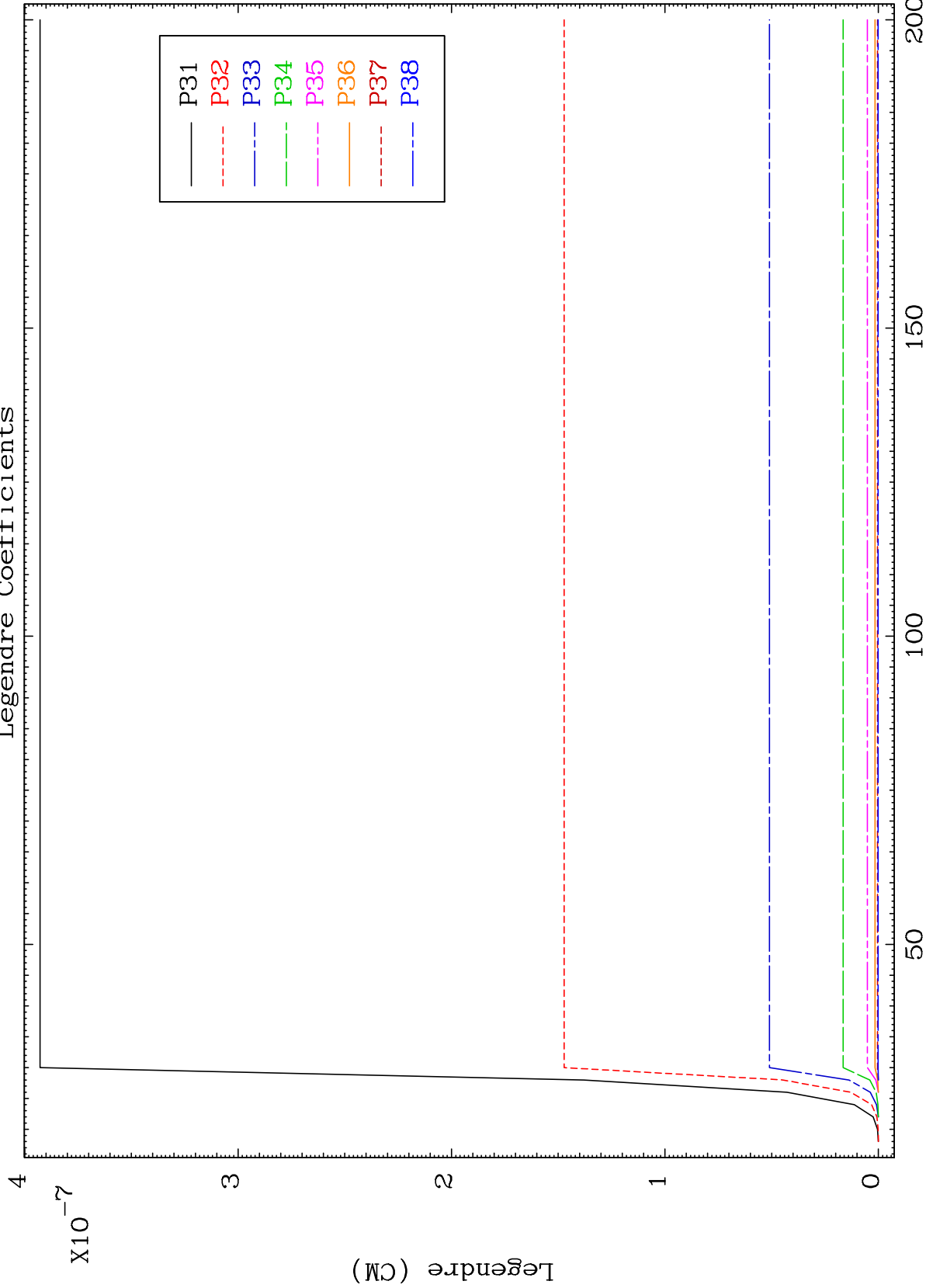
Incident Energy (MeV)

88-Ra-208

MAT 8780

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

88-Ra-208



36

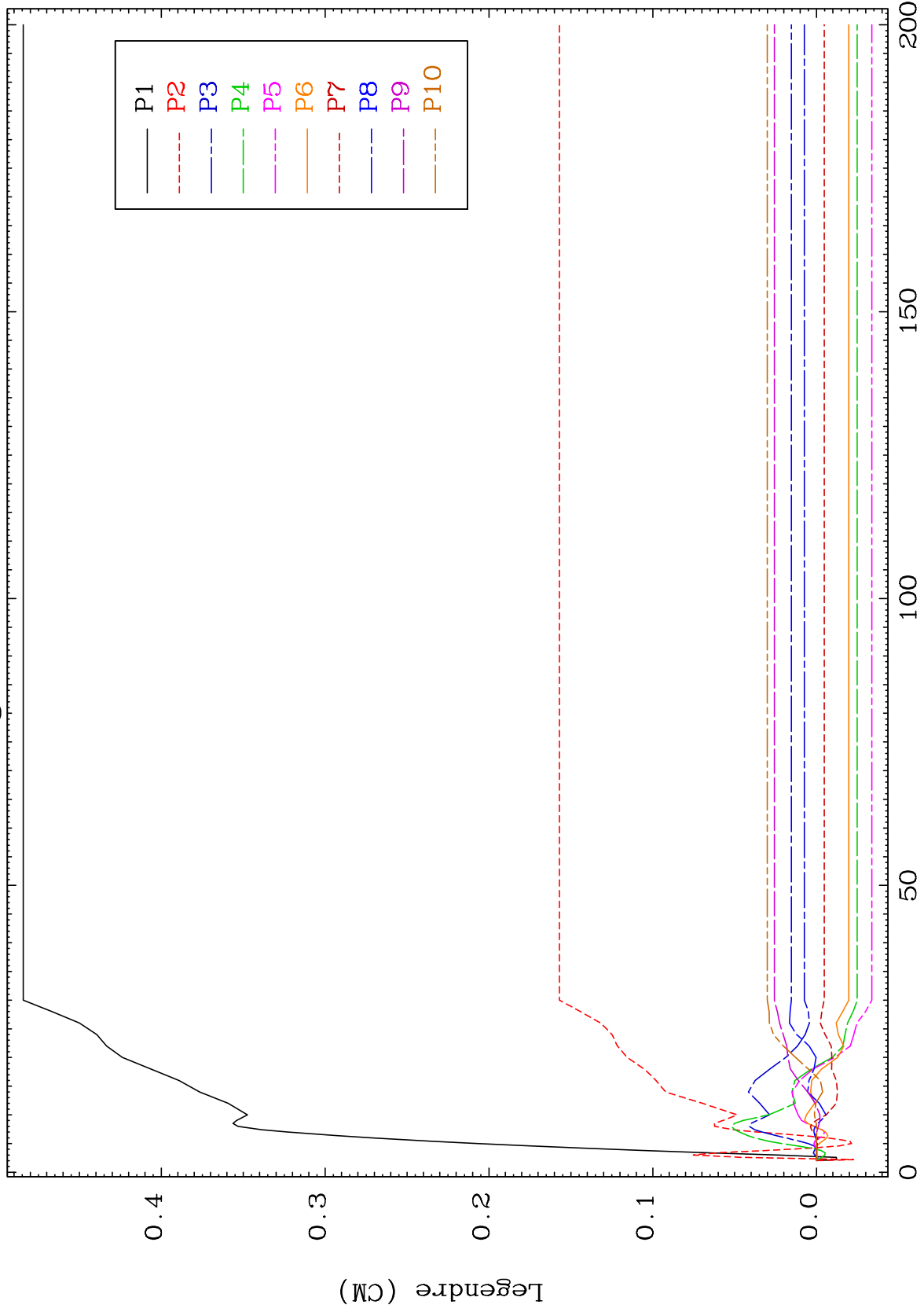
Incident Energy (MeV)

88-Ra-208

MAT 8780

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

88-Ra-208



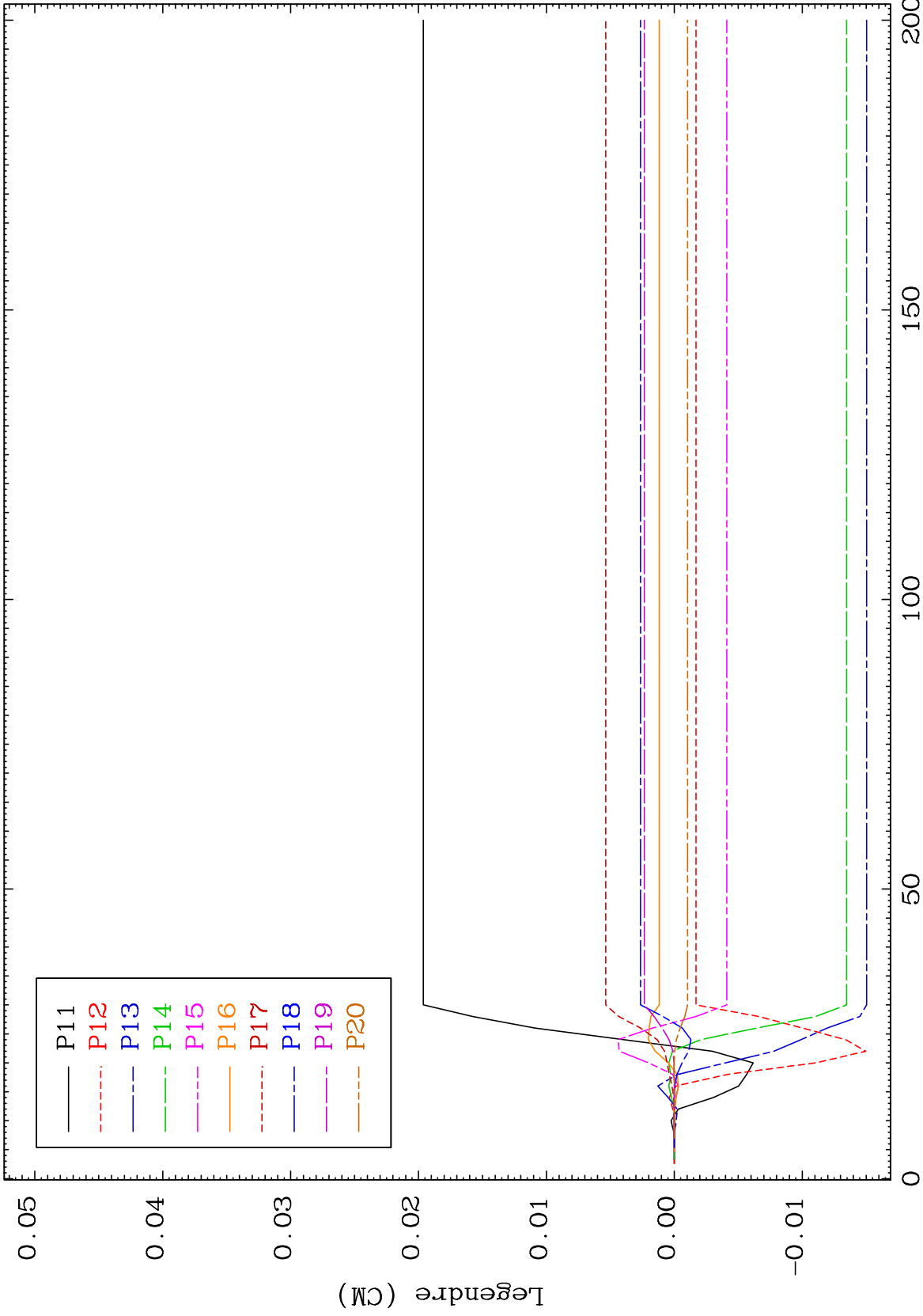
37

88-Ra-208

MAT 8780

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

88-Ra-208



38

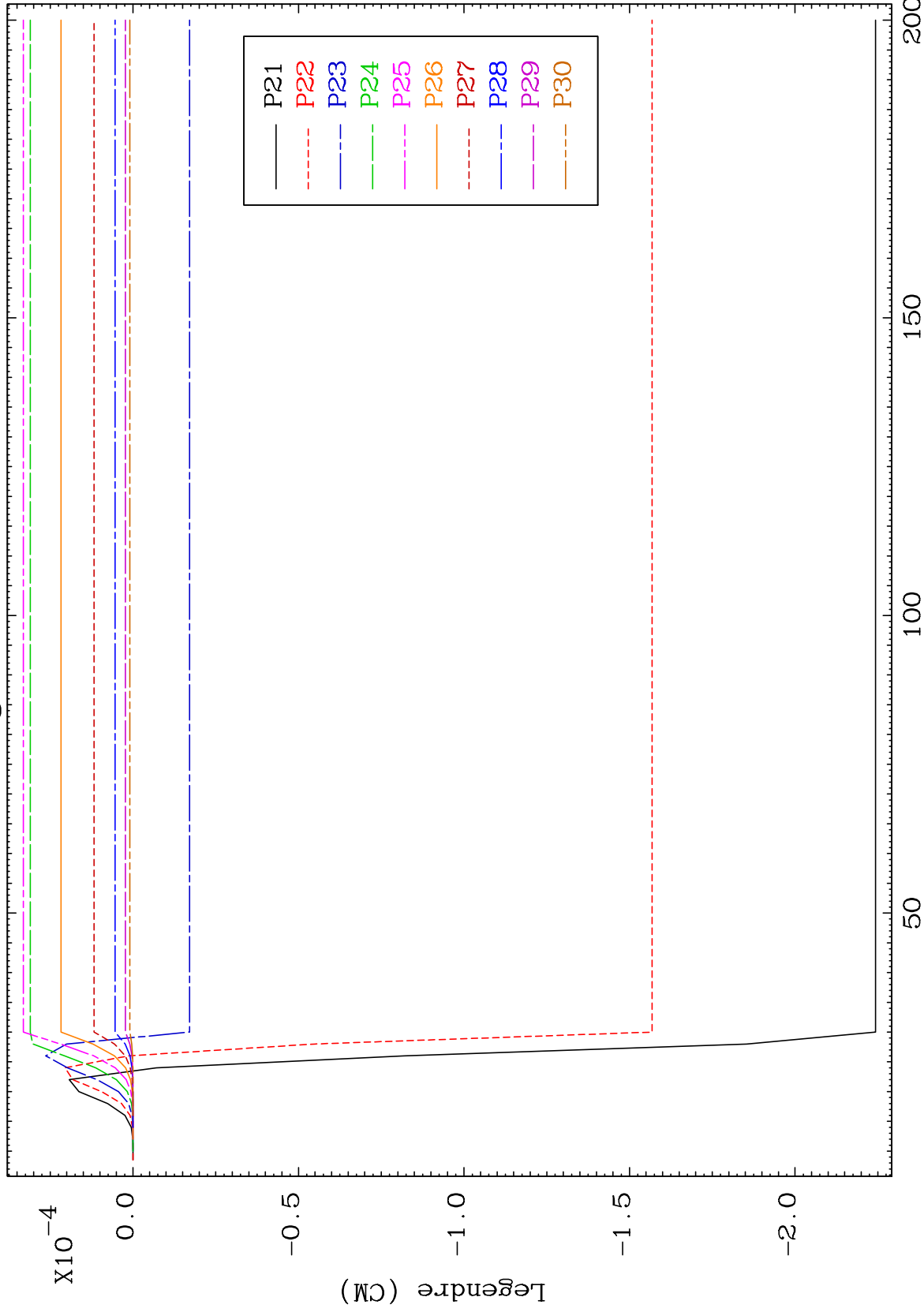
Incident Energy (MeV)

88-Ra-208

MAT 8780

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

88-Ra-208



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Incident Energy (MeV)

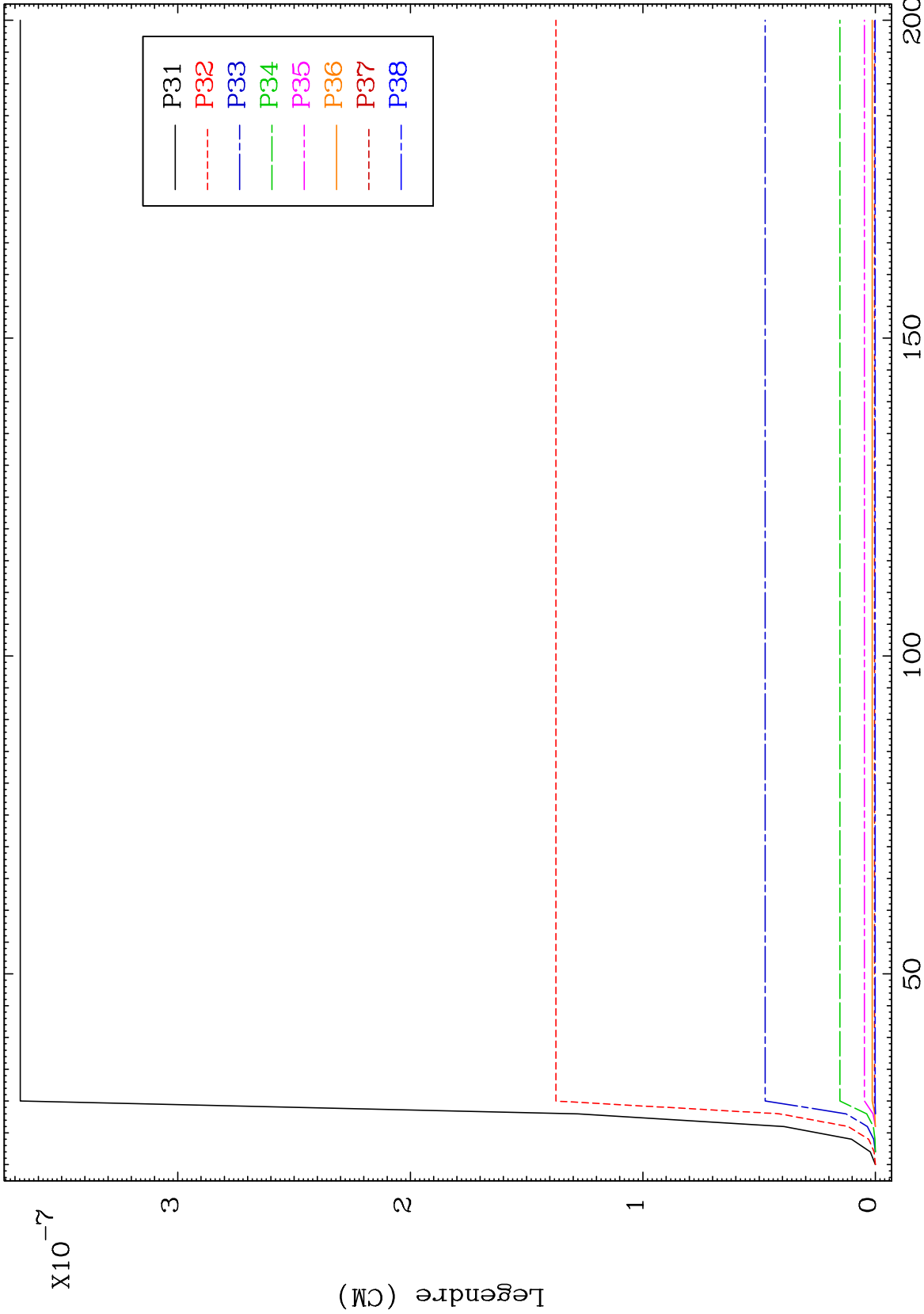
88-Ra-208



MAT 8780

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

88-Ra-208



40

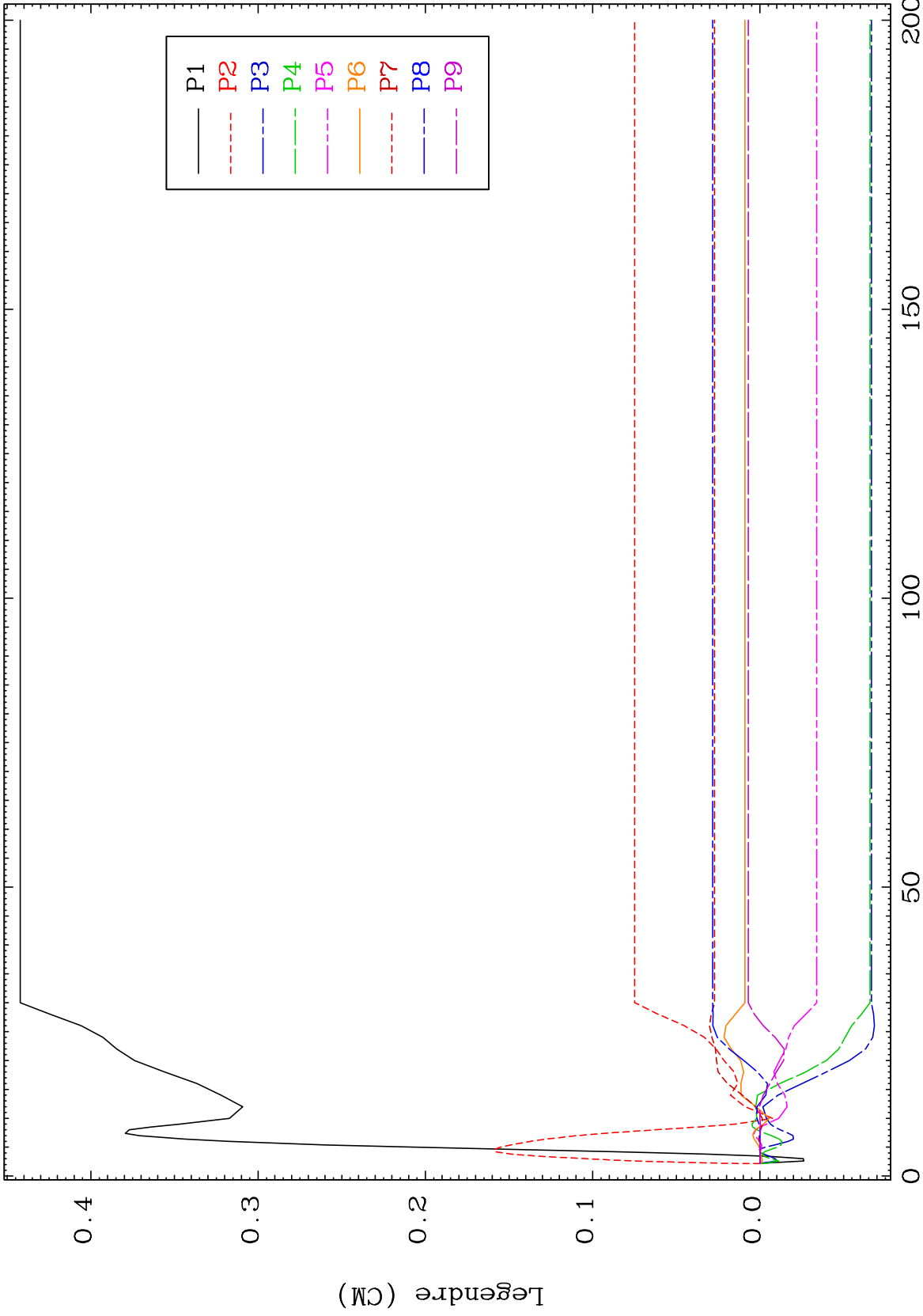
Incident Energy (MeV)

88-Ra-208

MAT 8780

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

88-Ra-208



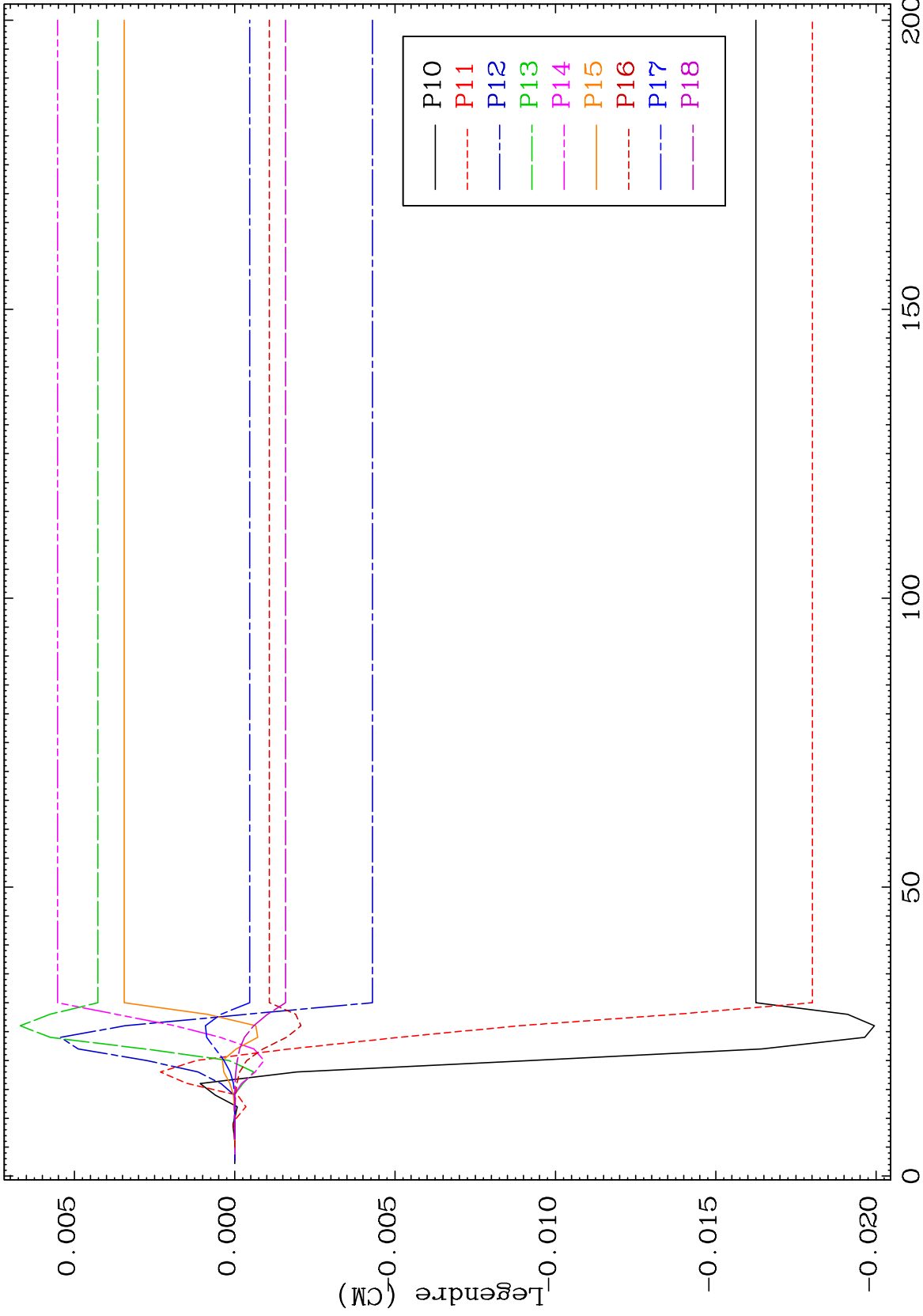
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88-Ra-208

MAT 8780

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

88-Ra-208



42

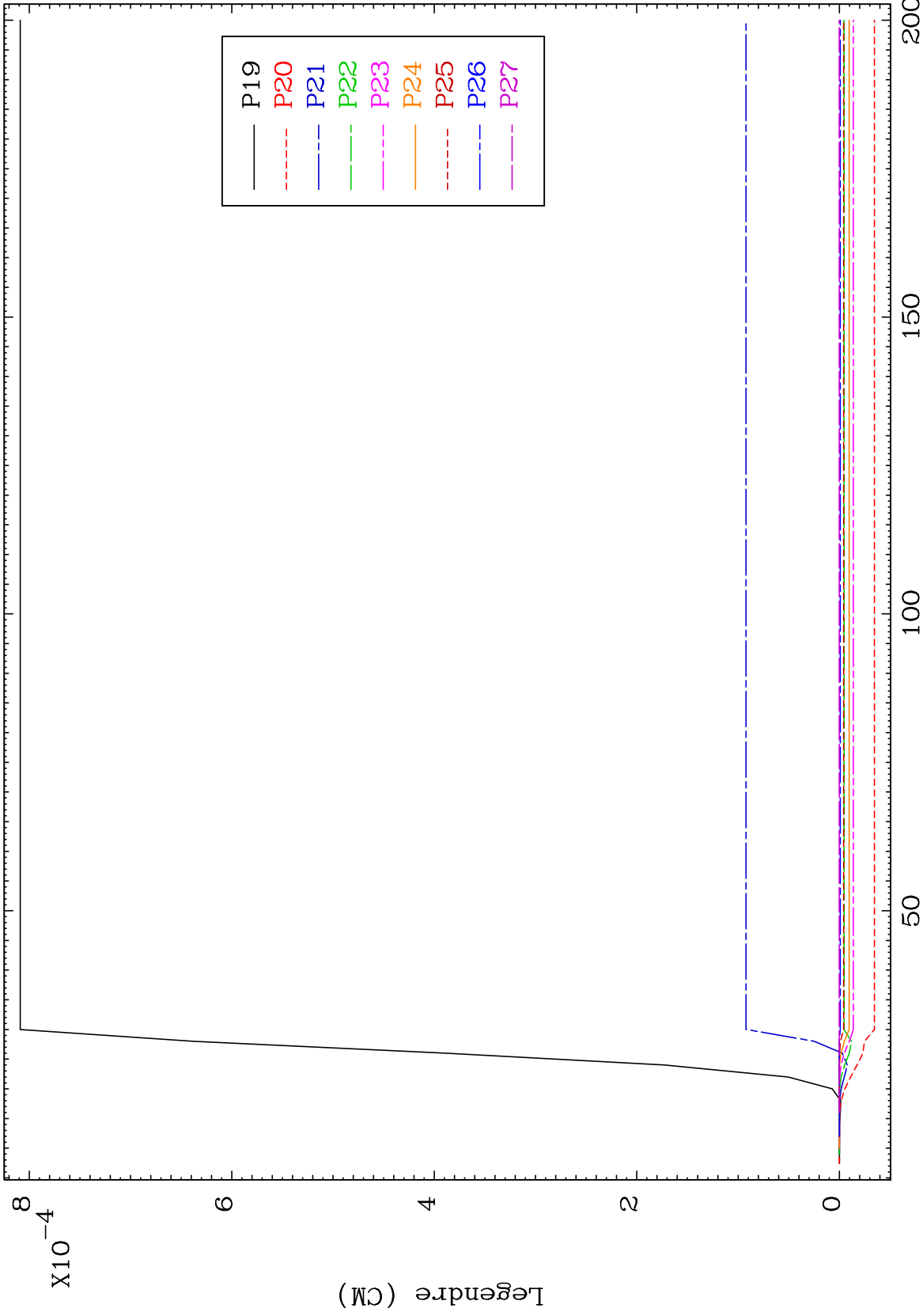
Incident Energy (MeV)

88-Ra-208

MAT 8780

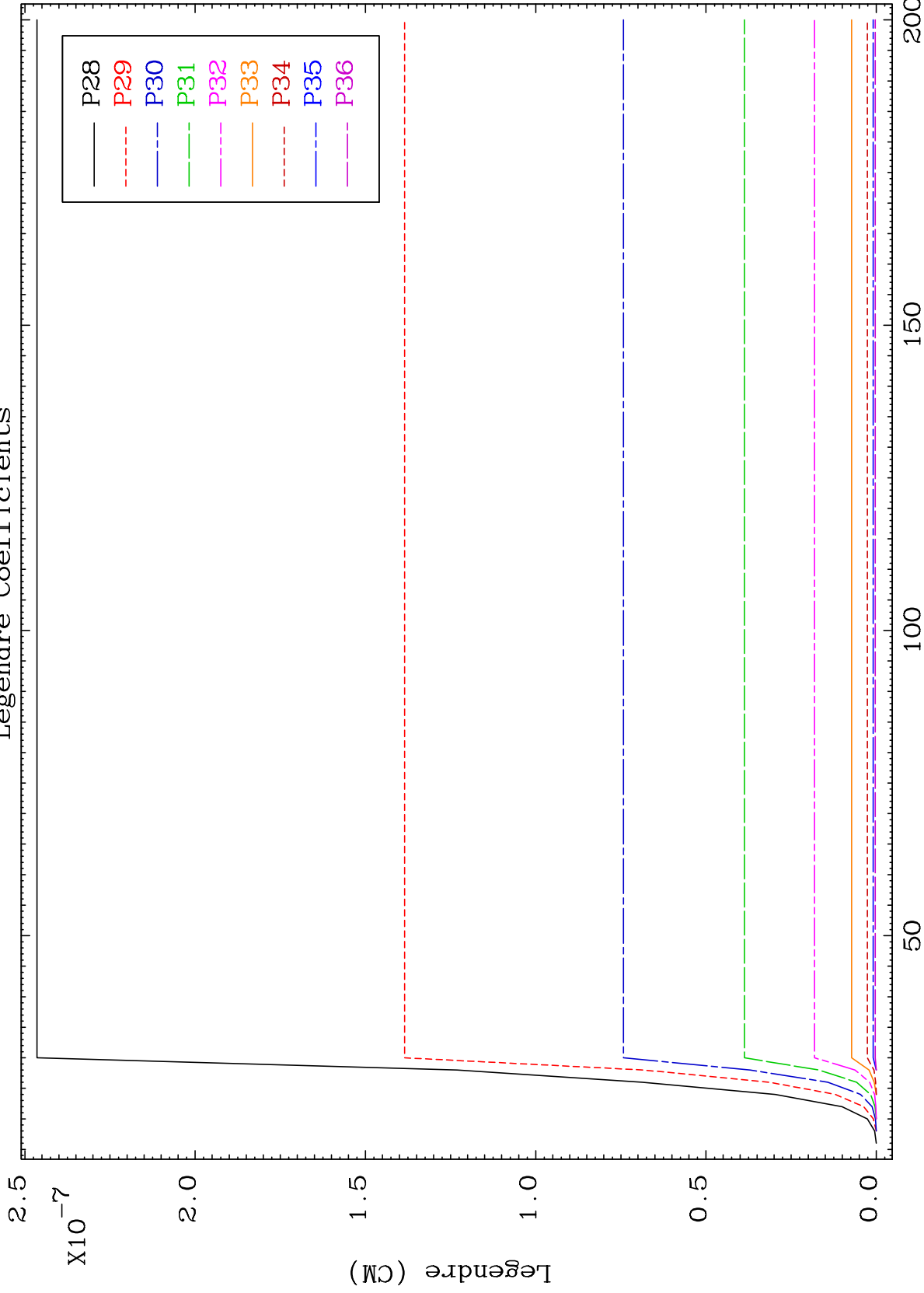
MT= 56 (n,n') Level  
Legendre Coefficients

88-Ra-208



43

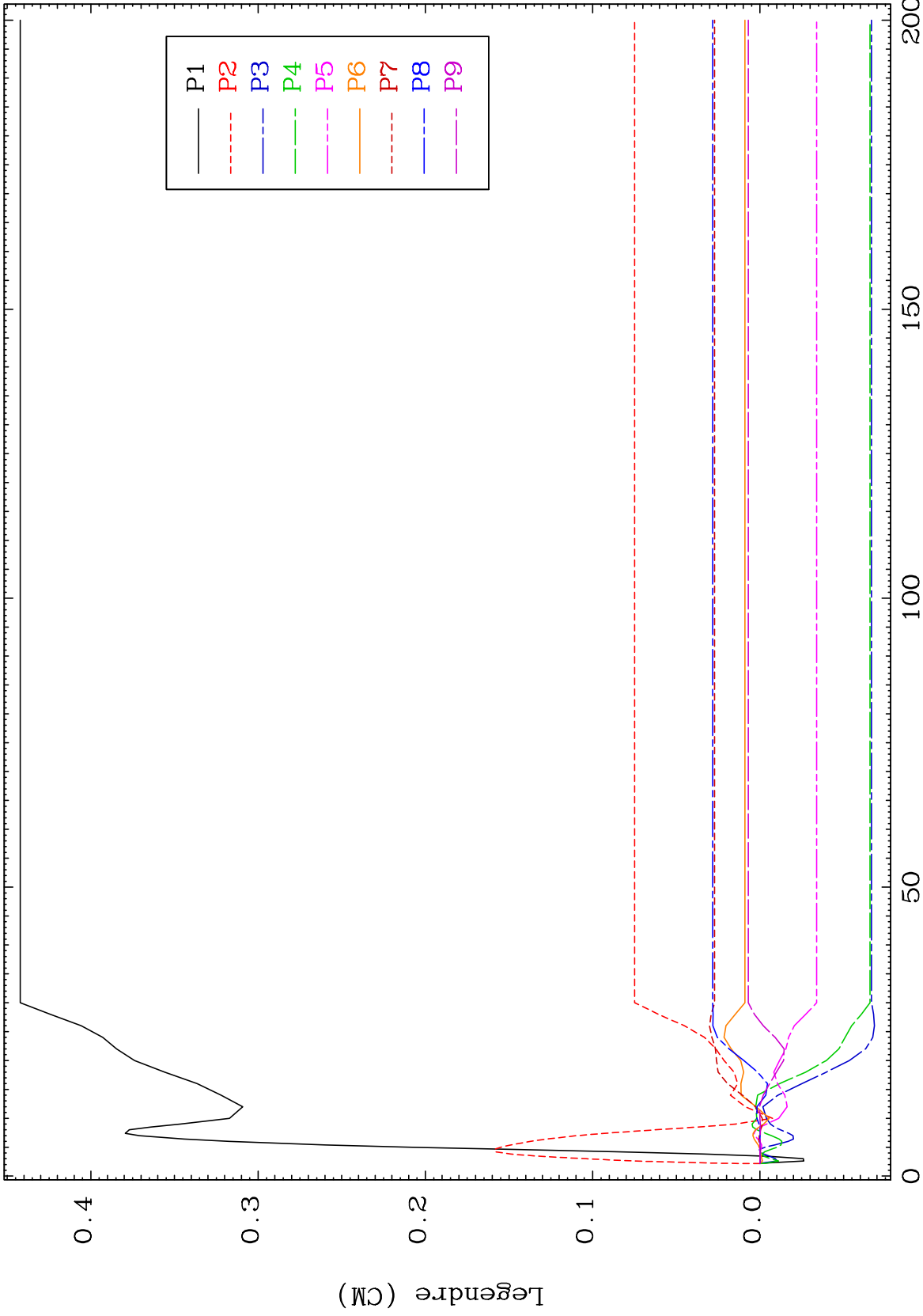
88-Ra-208



MAT 8780

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

88-Ra-208



45

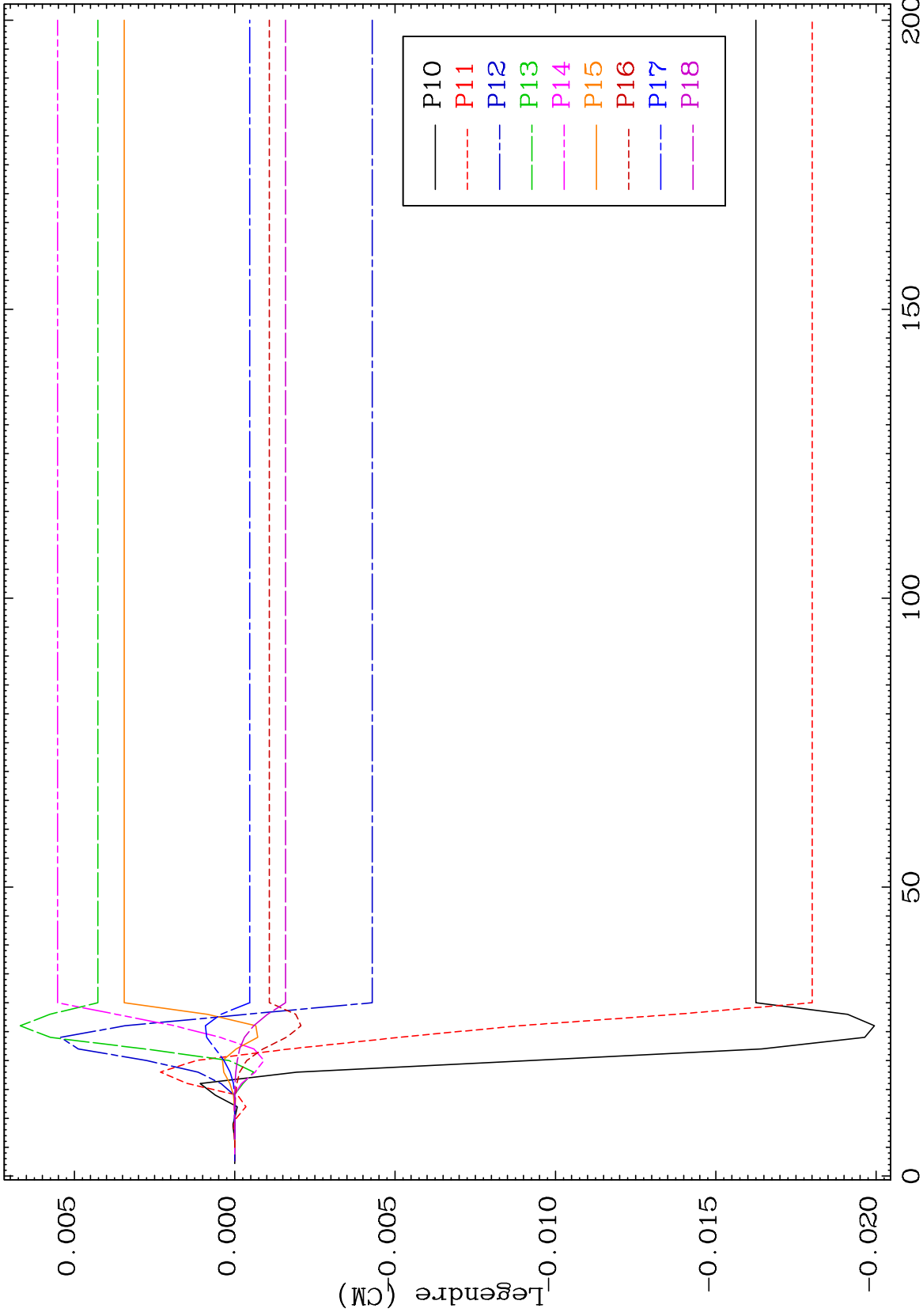
Incident Energy (MeV)

88-Ra-208

MAT 8780

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

88-Ra-208



46

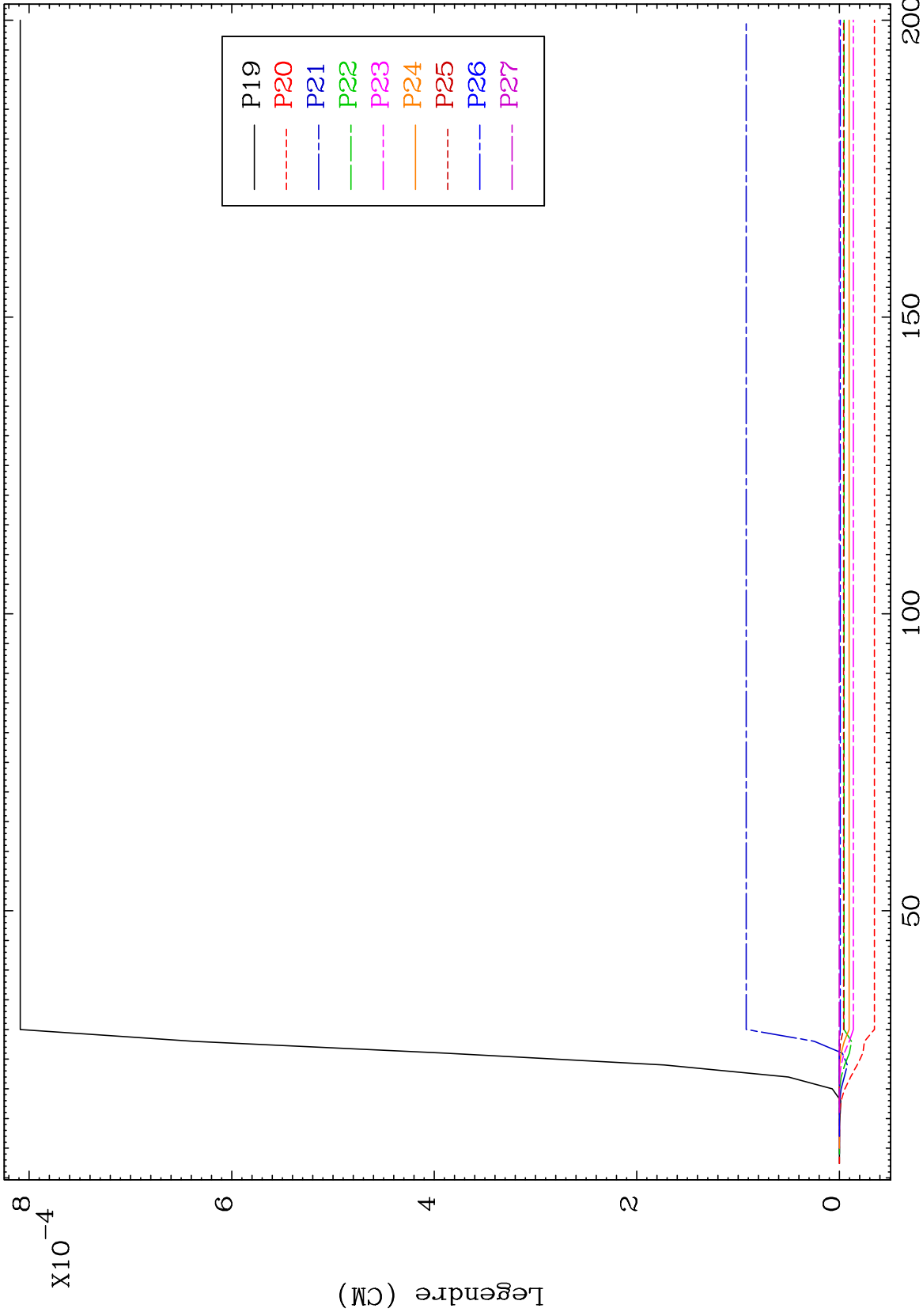
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88-Ra-208

MAT 8780

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

88-Ra-208



47

Incident Energy (MeV)

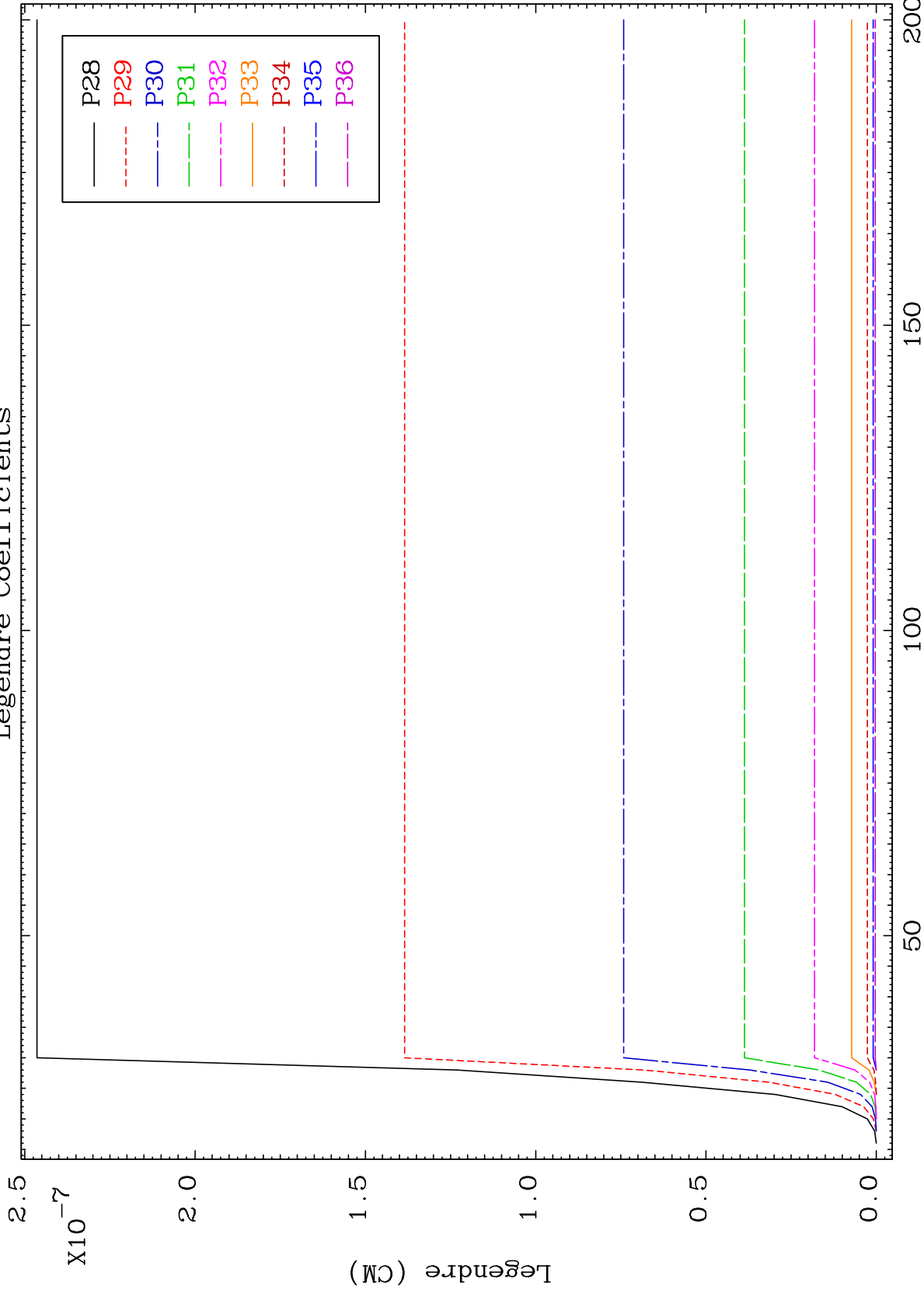
88-Ra-208



MAT 8780

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

88-Ra-208



48

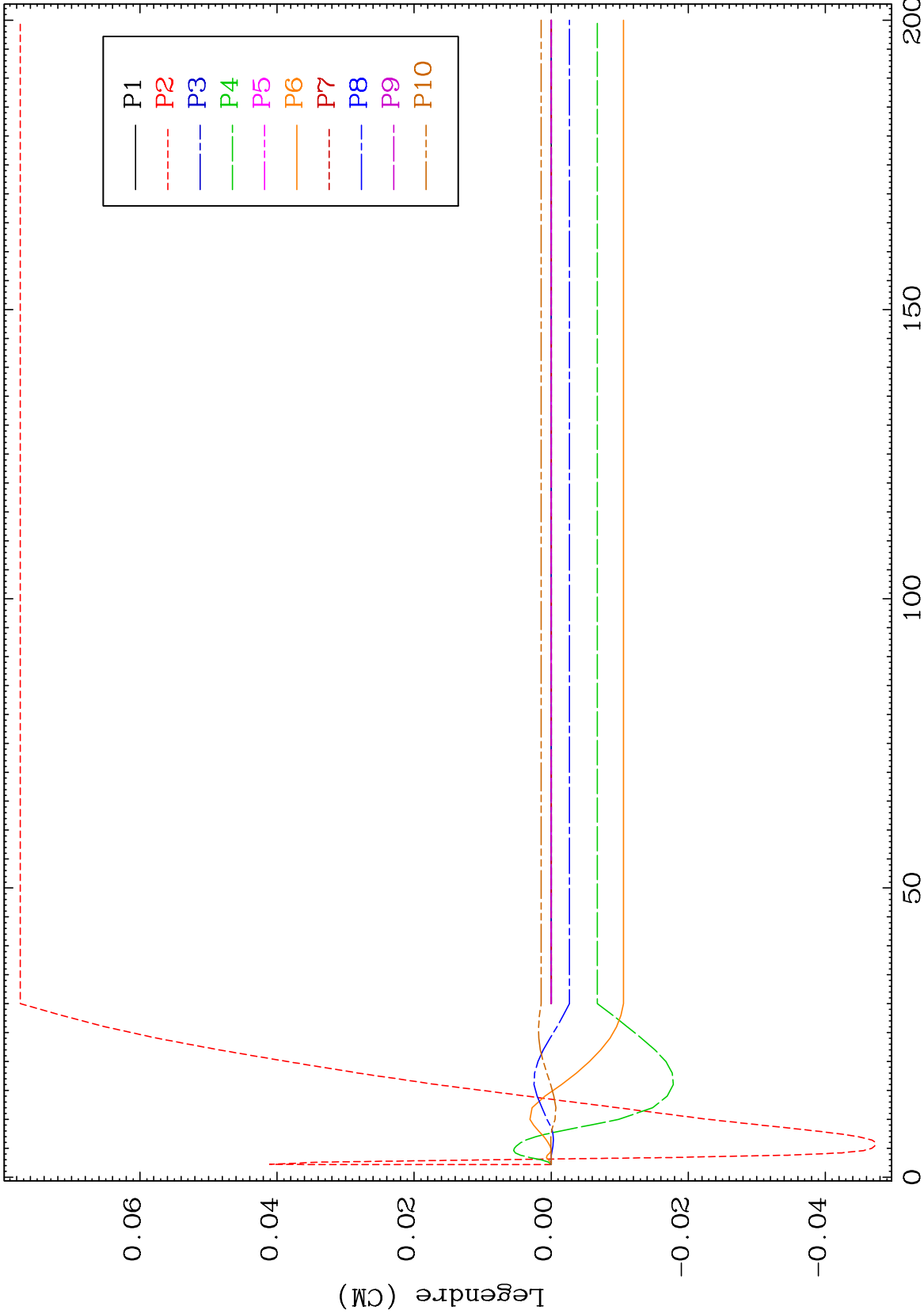
Incident Energy (MeV)

88-Ra-208

MAT 8780

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

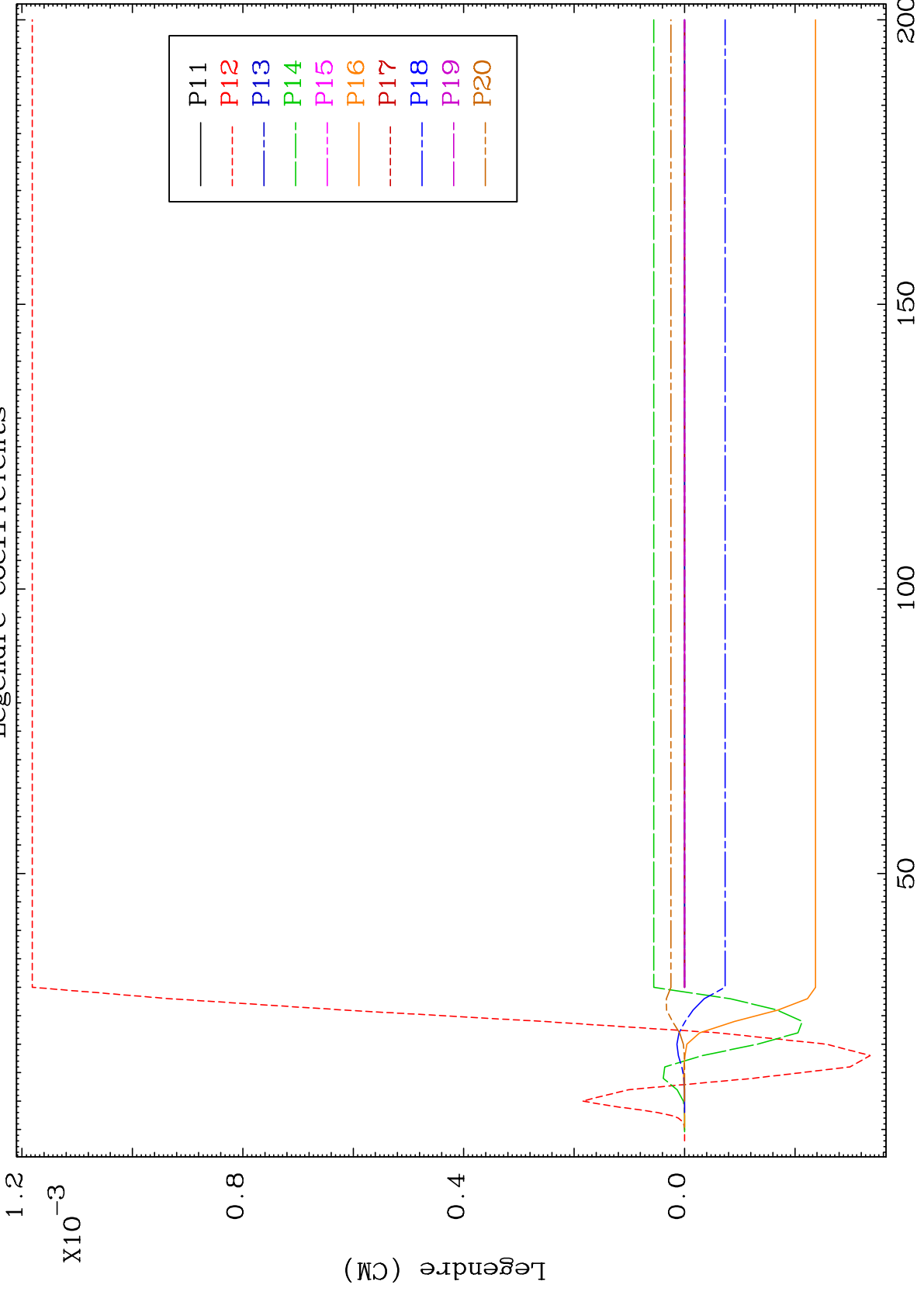
88-Ra-208



49

88-Ra-208

MAT 8780 MT= 58 (n,n') Level Legendre Coefficients 88-Ra-208

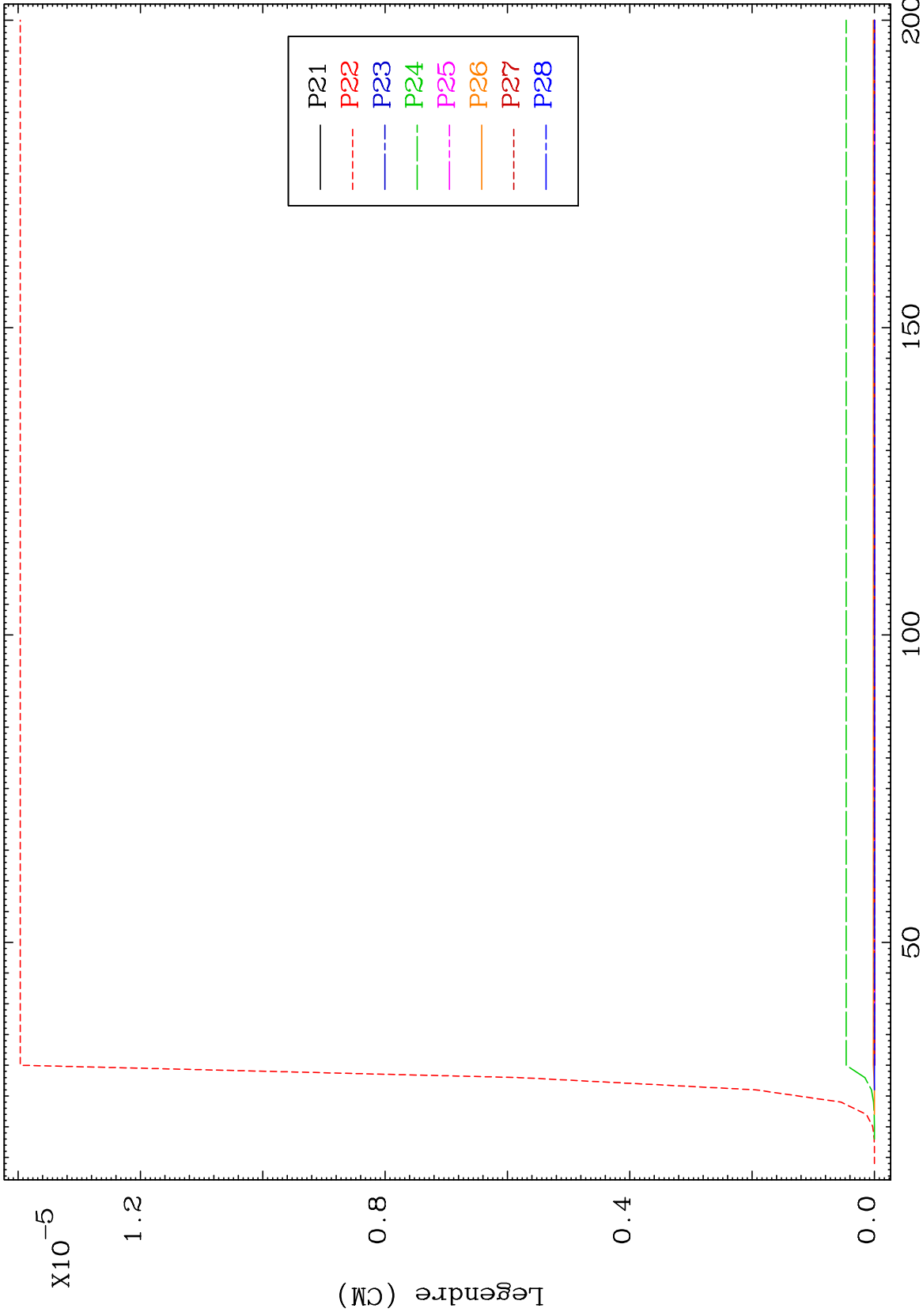


88-Ra-208

MAT 8780

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

88-Ra-208



51

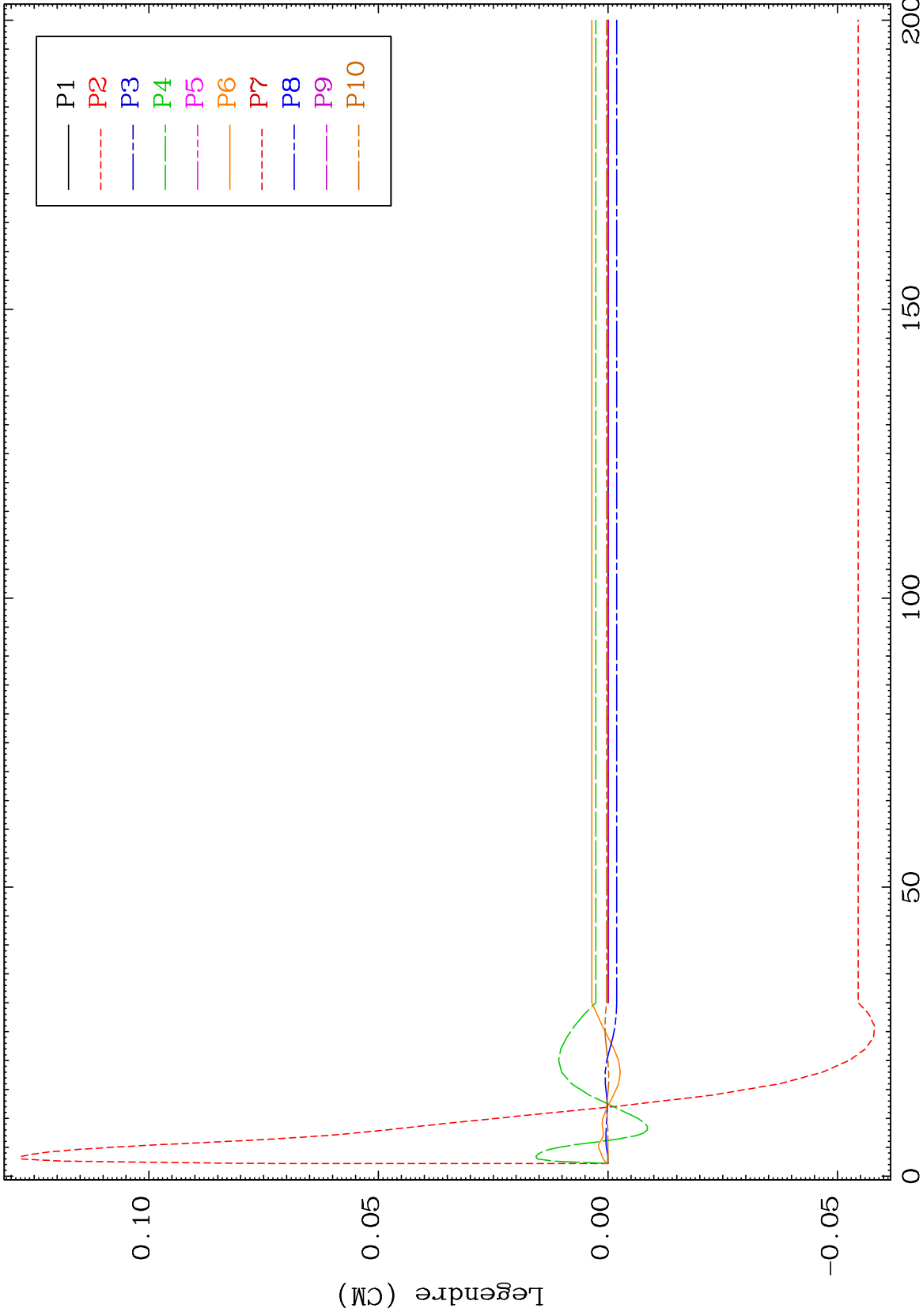
Incident Energy (MeV)

88-Ra-208

MAT 8780

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

88-Ra-208



52

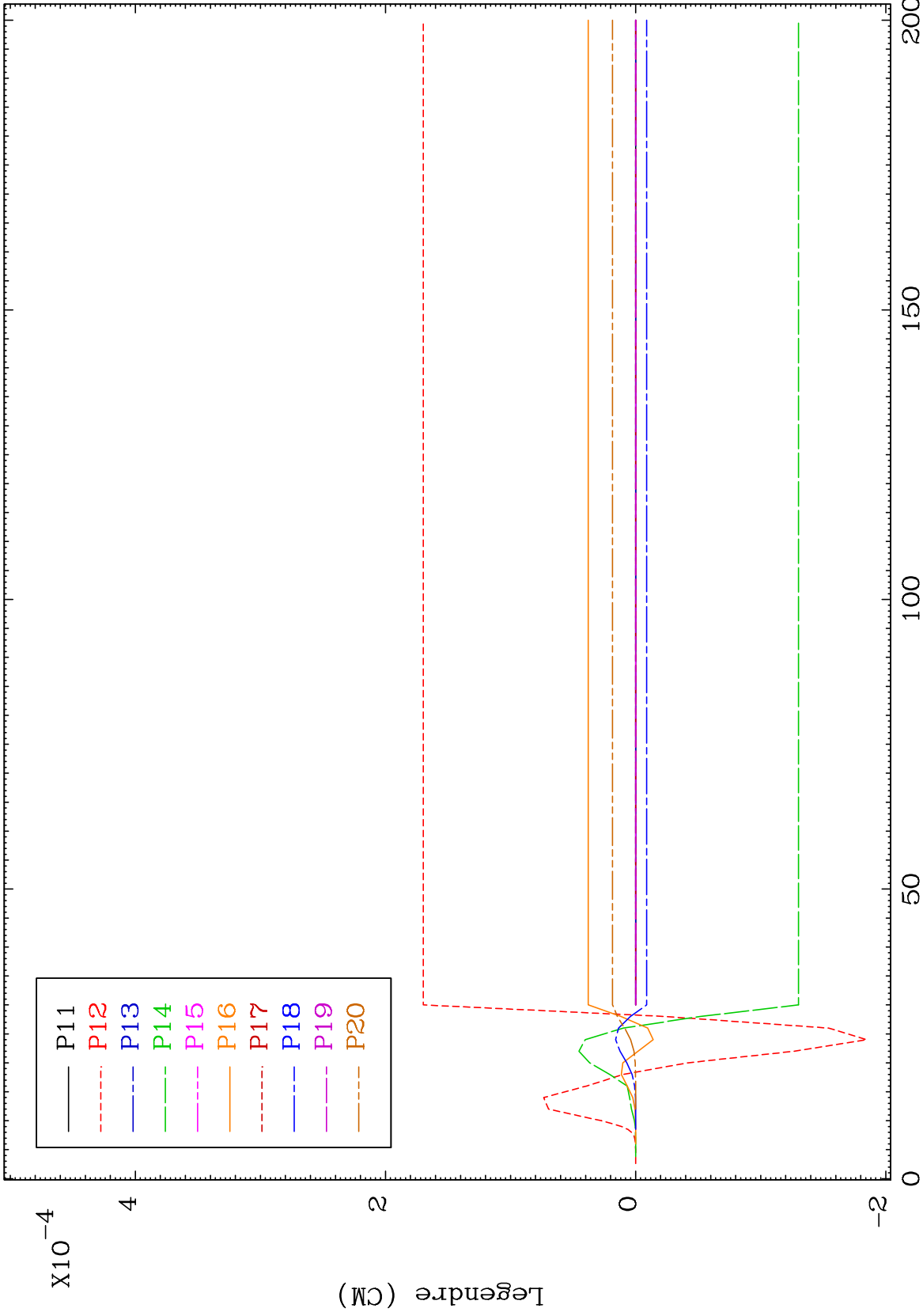
Incident Energy (MeV)

88-Ra-208

MAT 8780

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

88-Ra-208



53

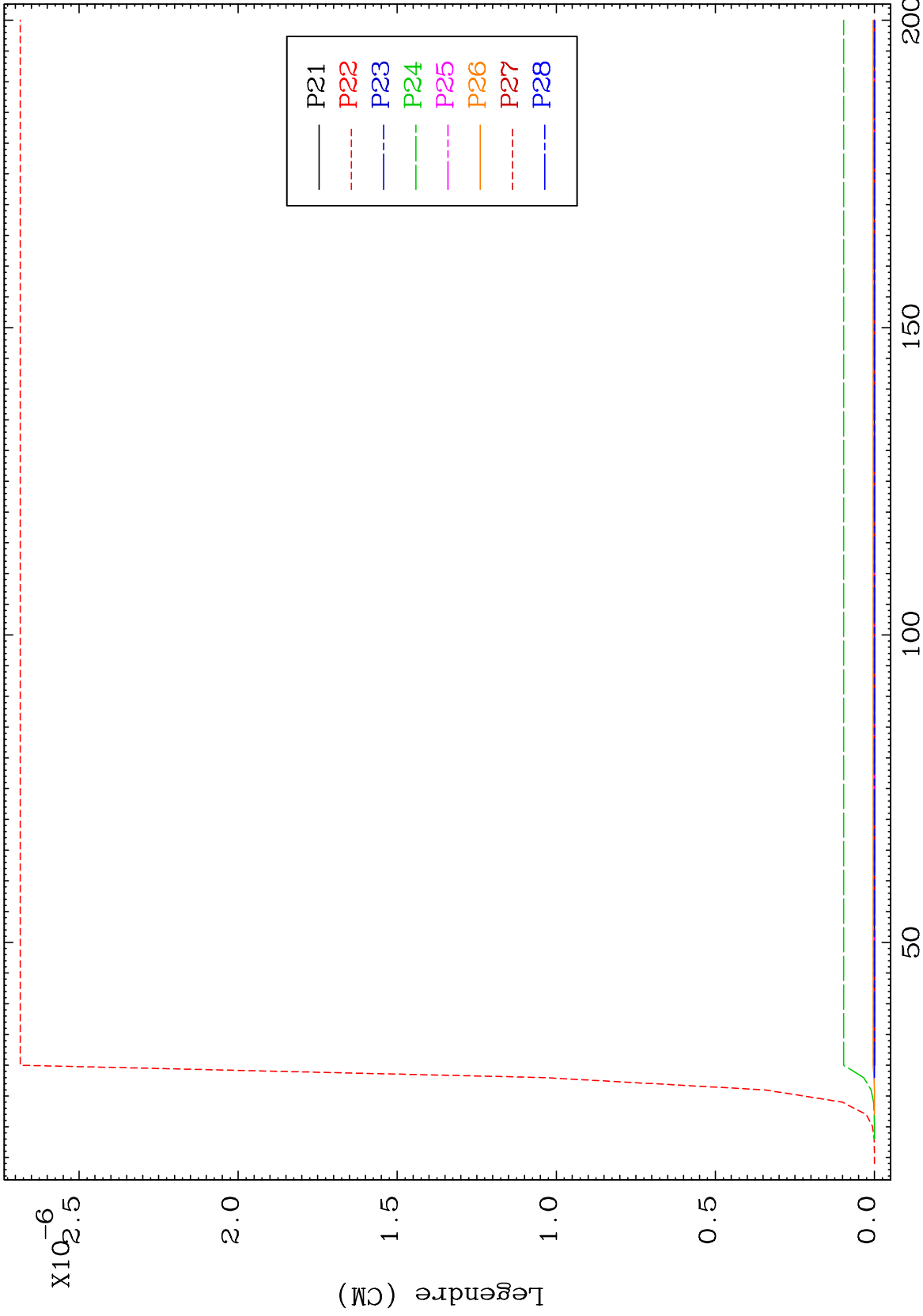
Incident Energy (MeV)

88-Ra-208

MAT 8780

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

88-Ra-208



54

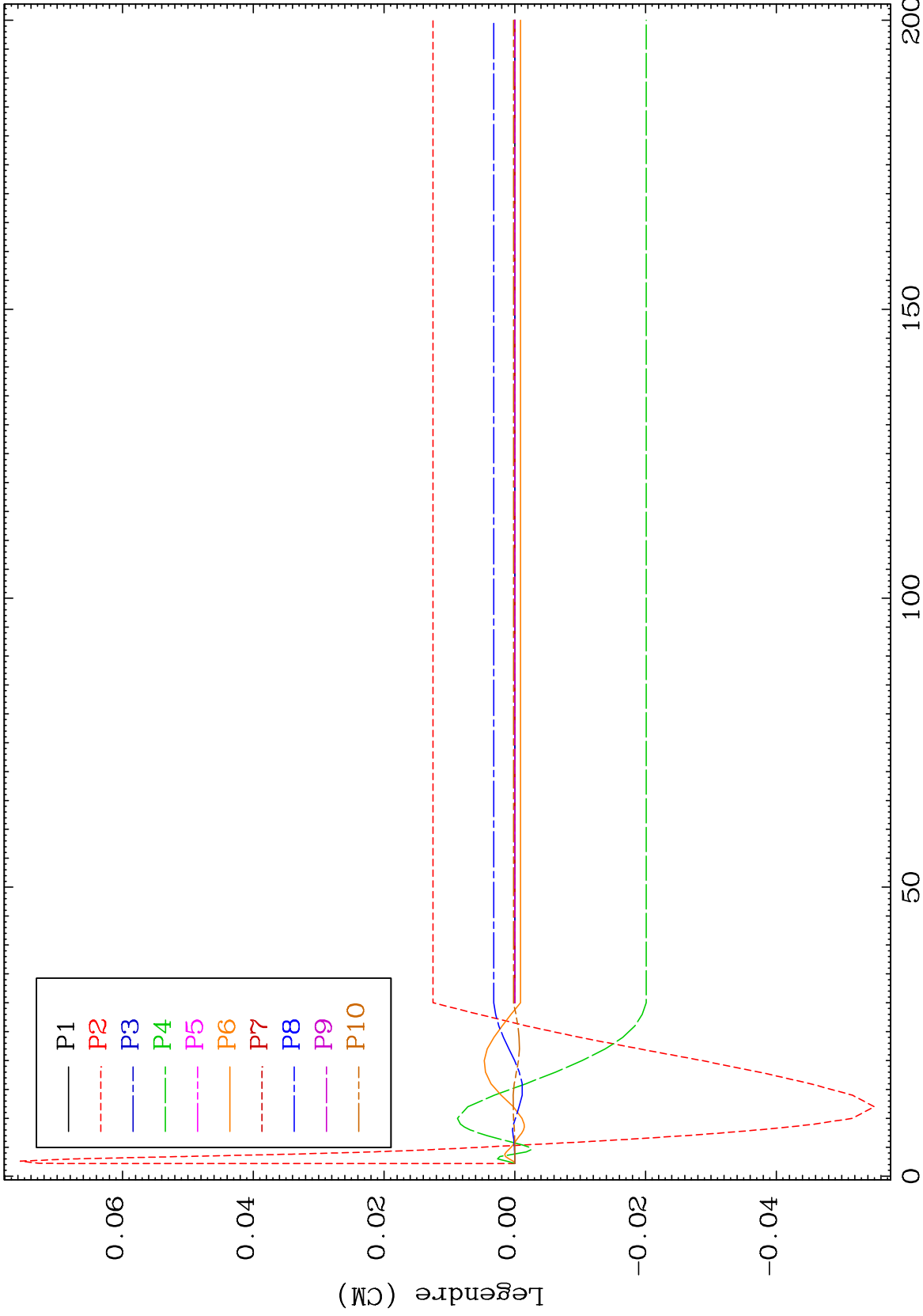
Incident Energy (MeV)

88-Ra-208

MAT 8780

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

88-Ra-208



55

Incident Energy (MeV)

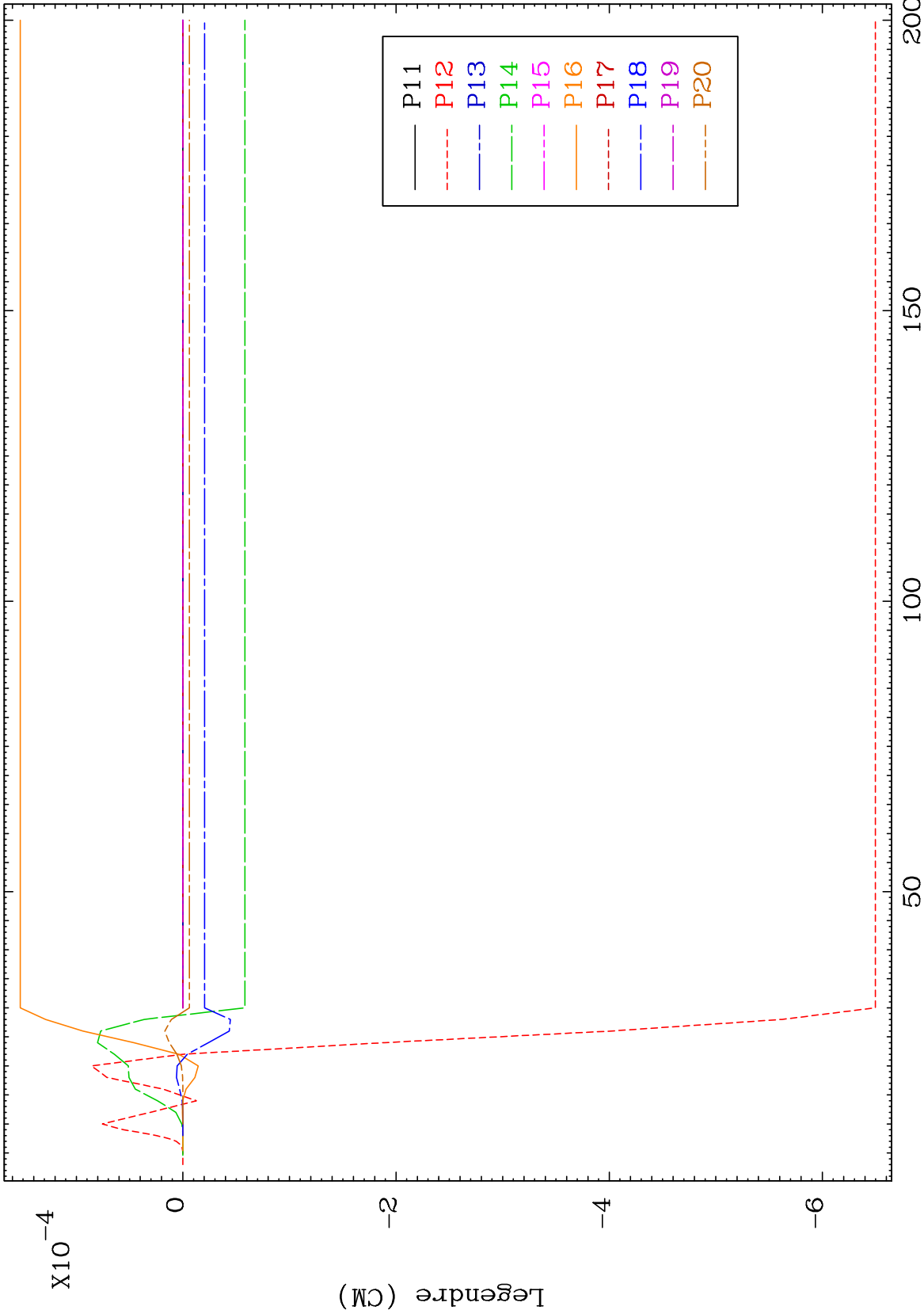
88-Ra-208



MAT 8780

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

88-Ra-208



56

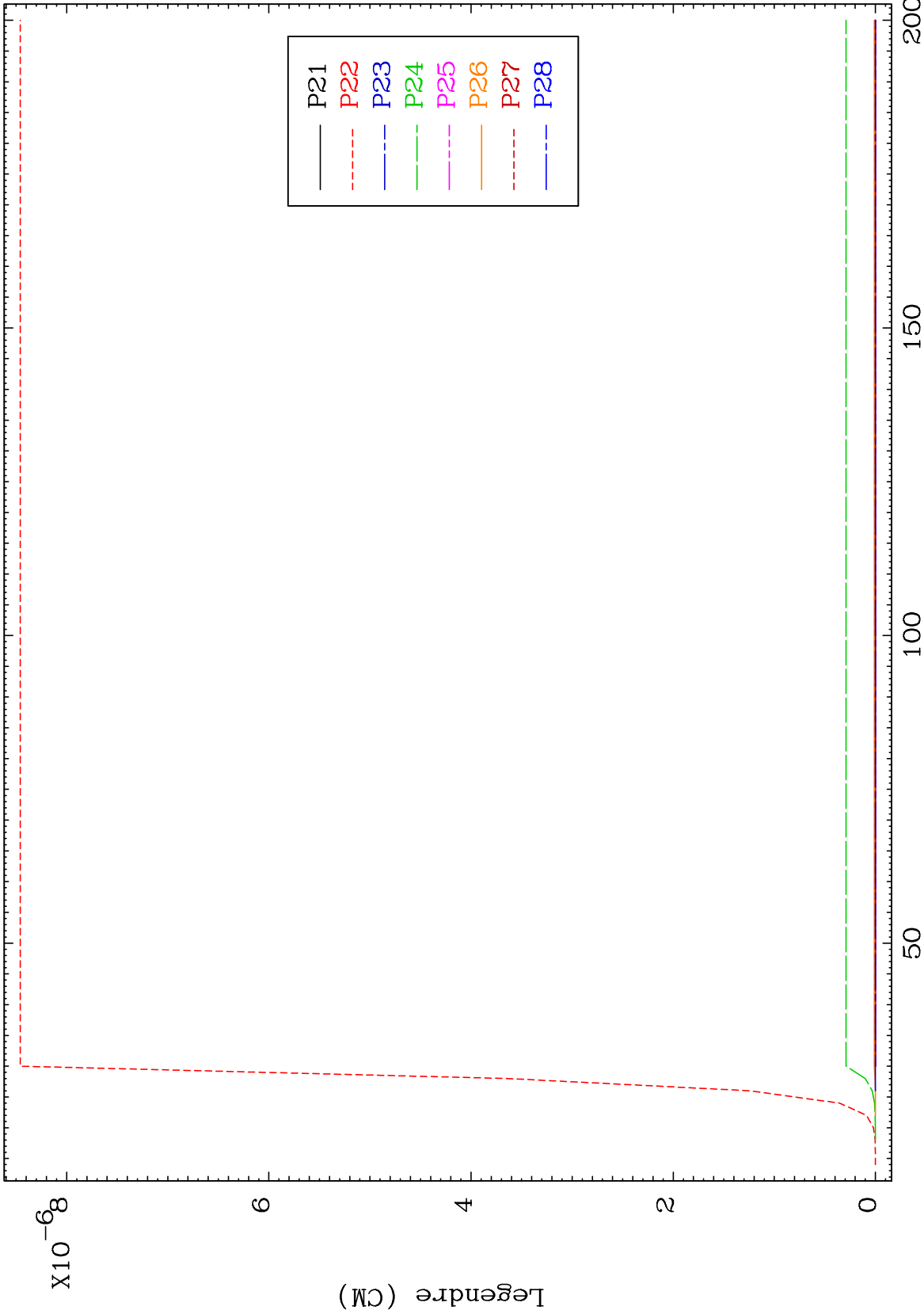
Incident Energy (MeV)

88-Ra-208

MAT 8780

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

88-Ra-208

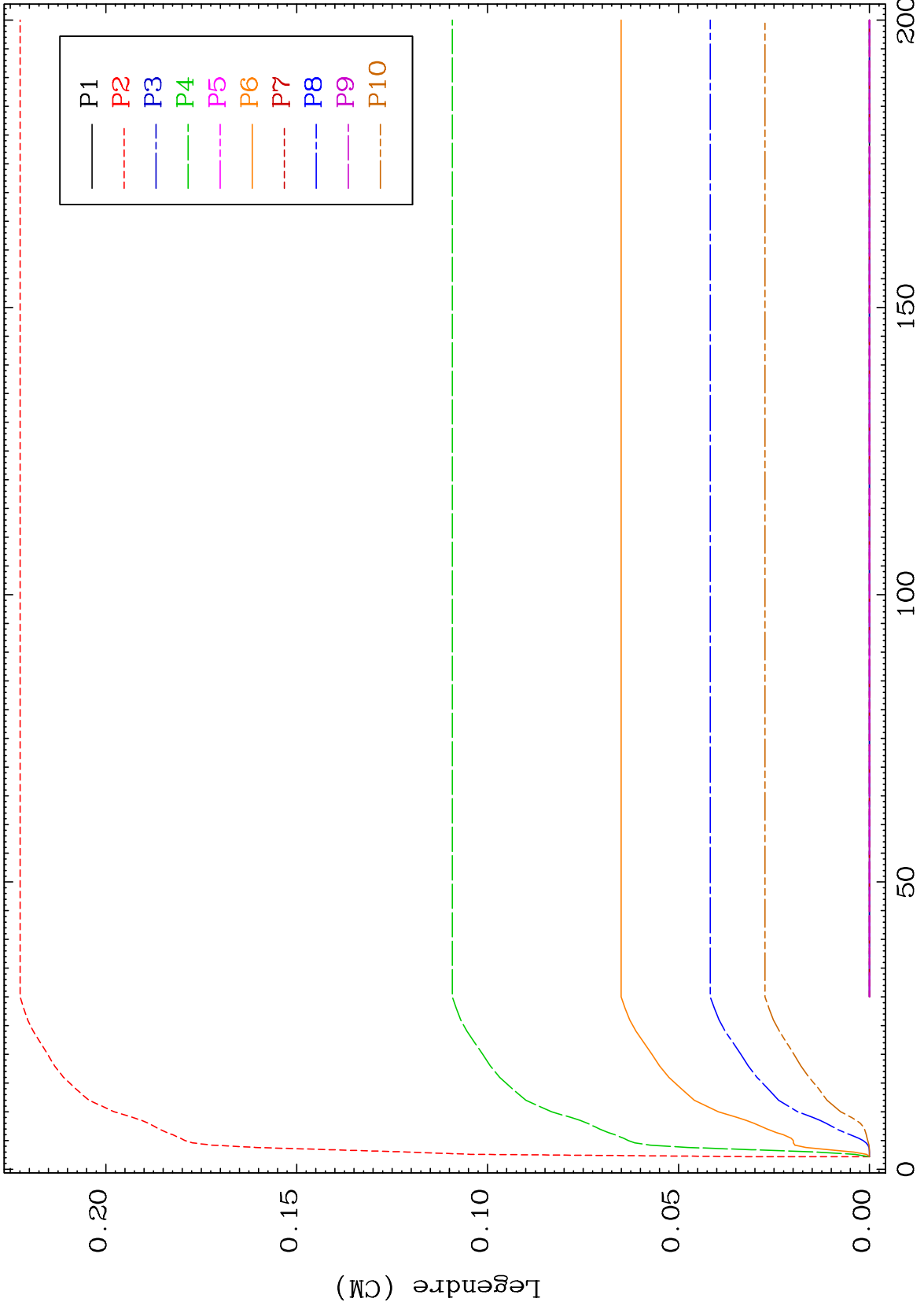


57

Incident Energy (MeV)

88-Ra-208

MAT 8780 MT= 61 (n,n') Level Legendre Coefficients 88-Ra-208

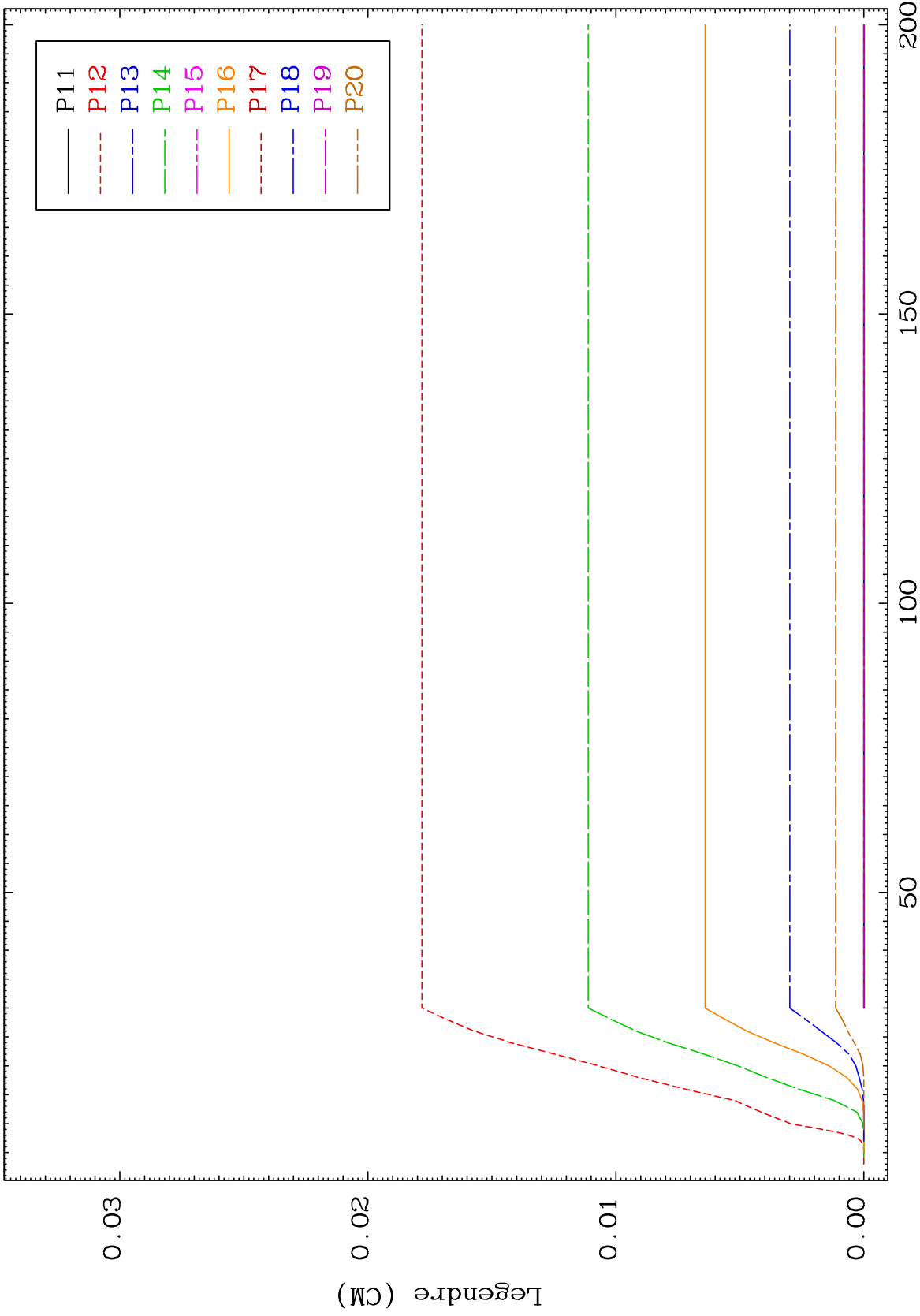


88-Ra-208 Incident Energy (MeV) 58

MAT 8780

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

88-Ra-208

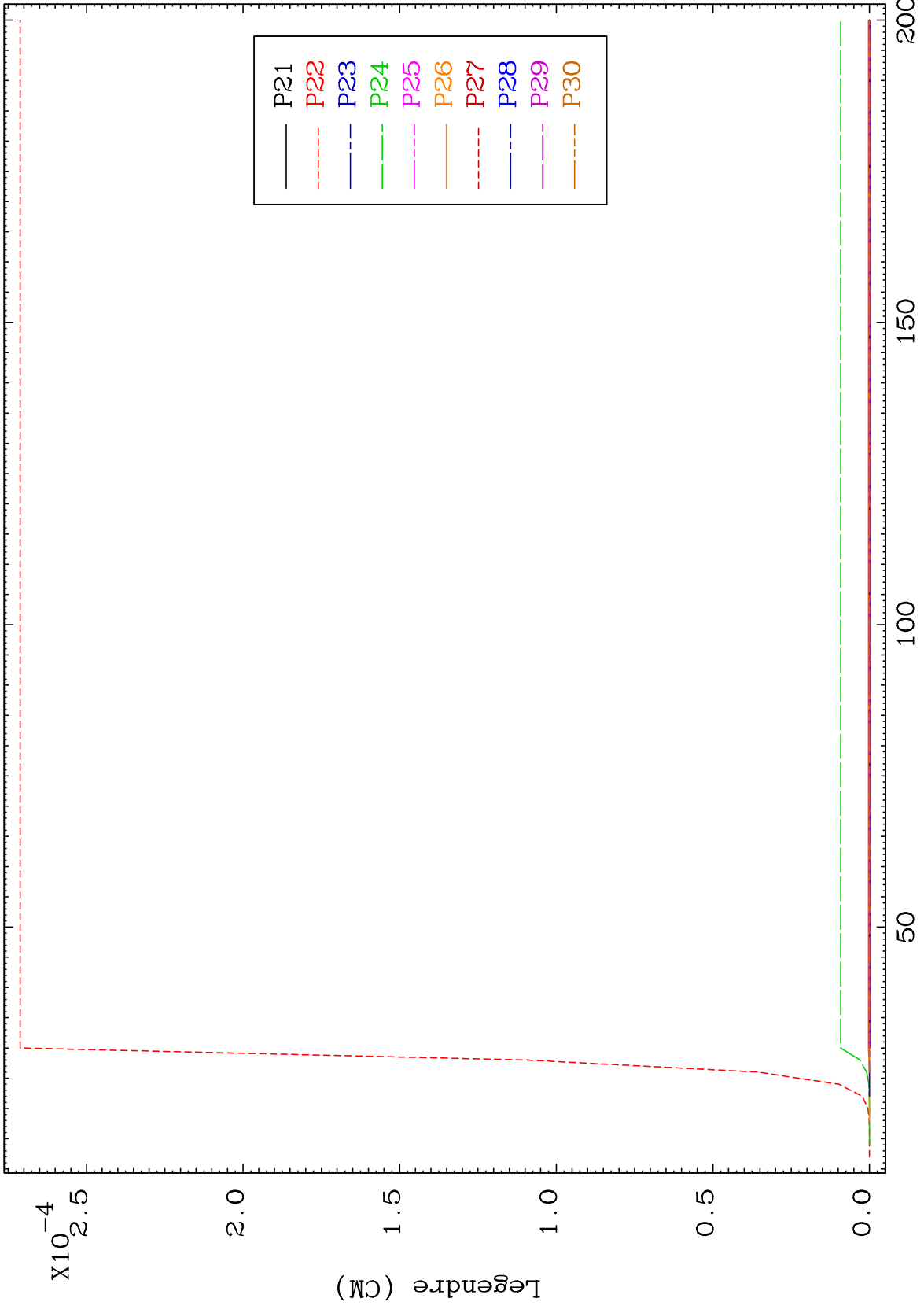


59

Incident Energy (MeV)

88-Ra-208

MAT 8780 MT= 61 (n, n') Level Legendre Coefficients 88-Ra-208

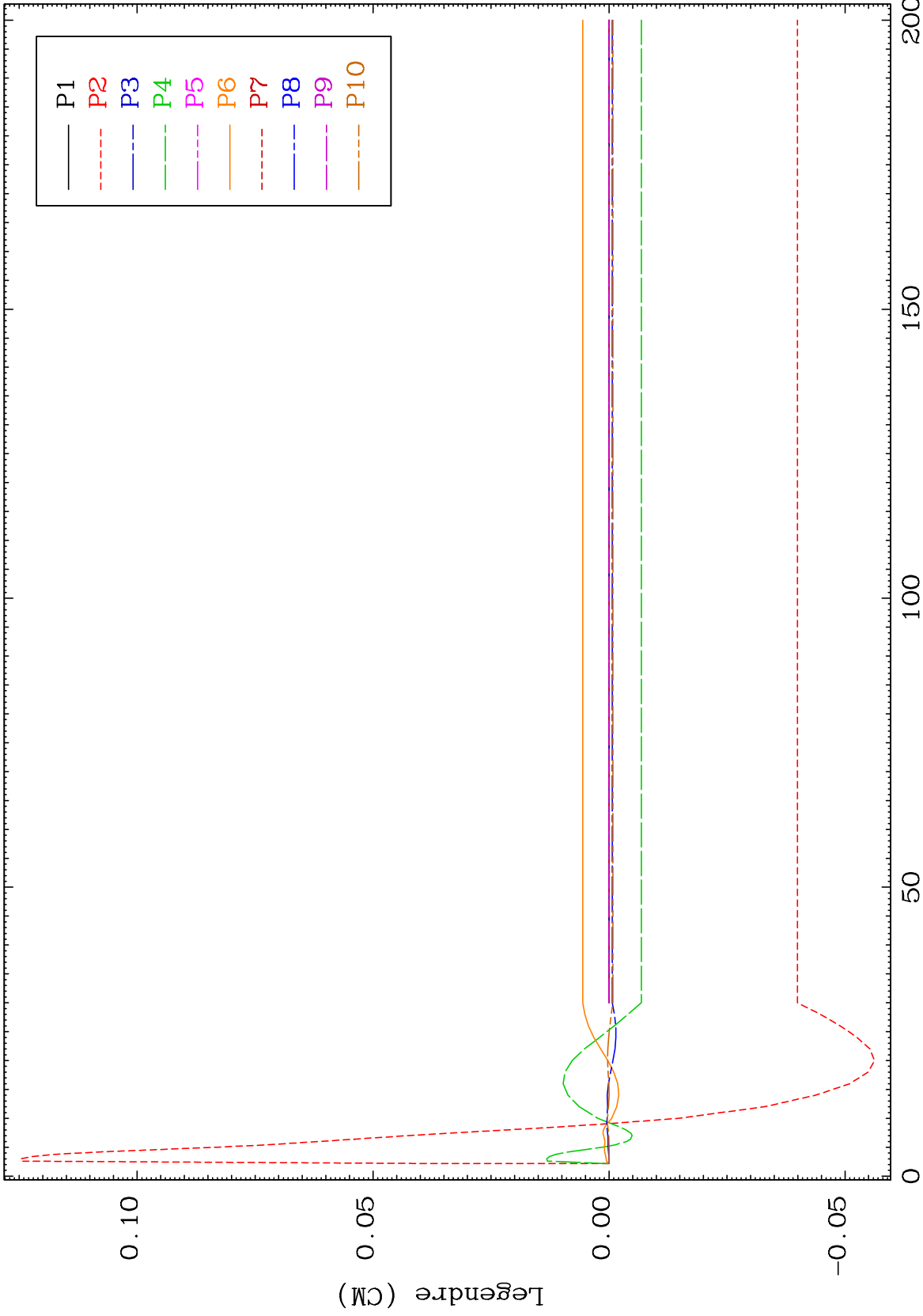


88-Ra-208

MAT 8780

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

88-Ra-208



61

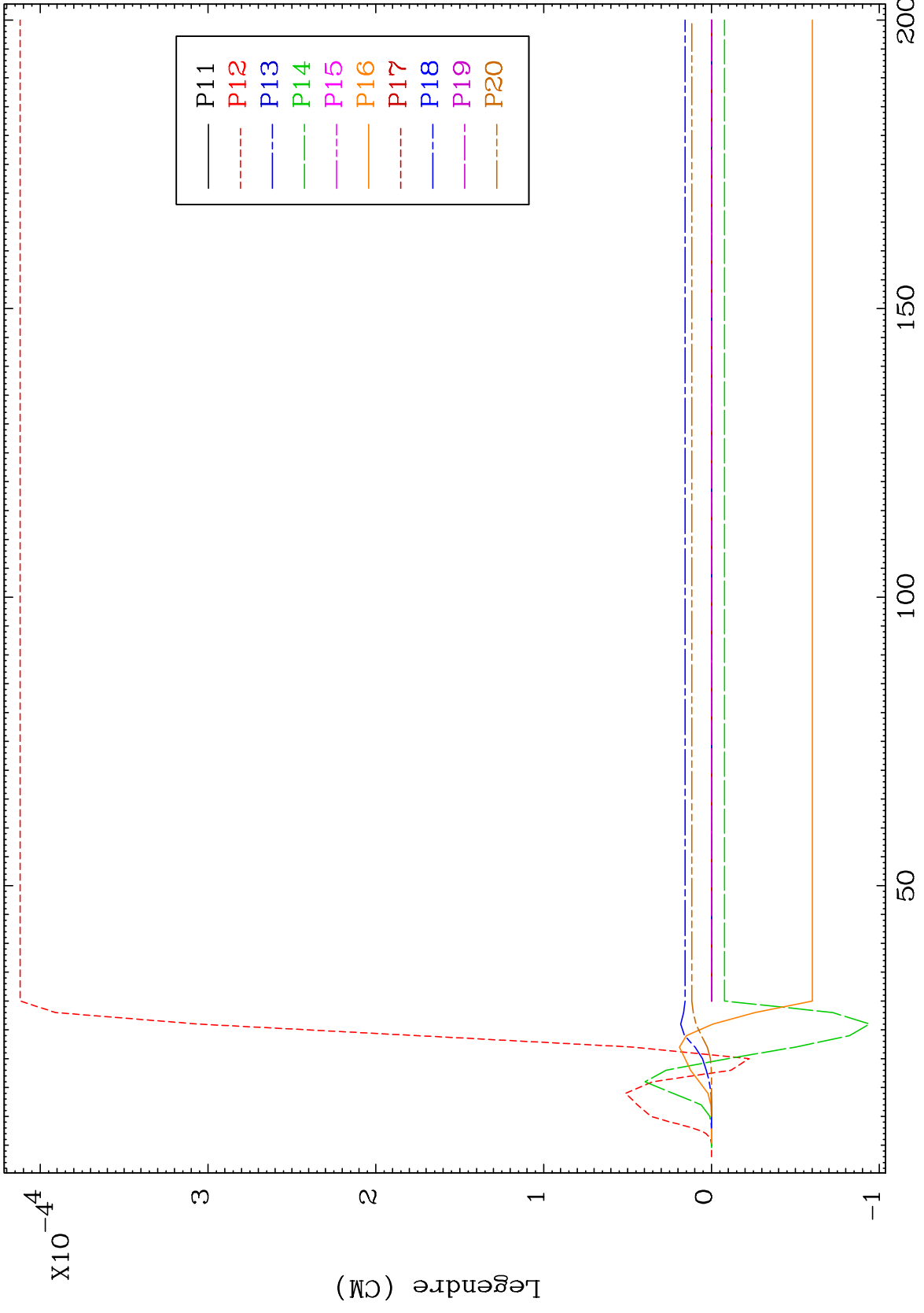
Incident Energy (MeV)

88-Ra-208

MAT 8780

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

88-Ra-208



62

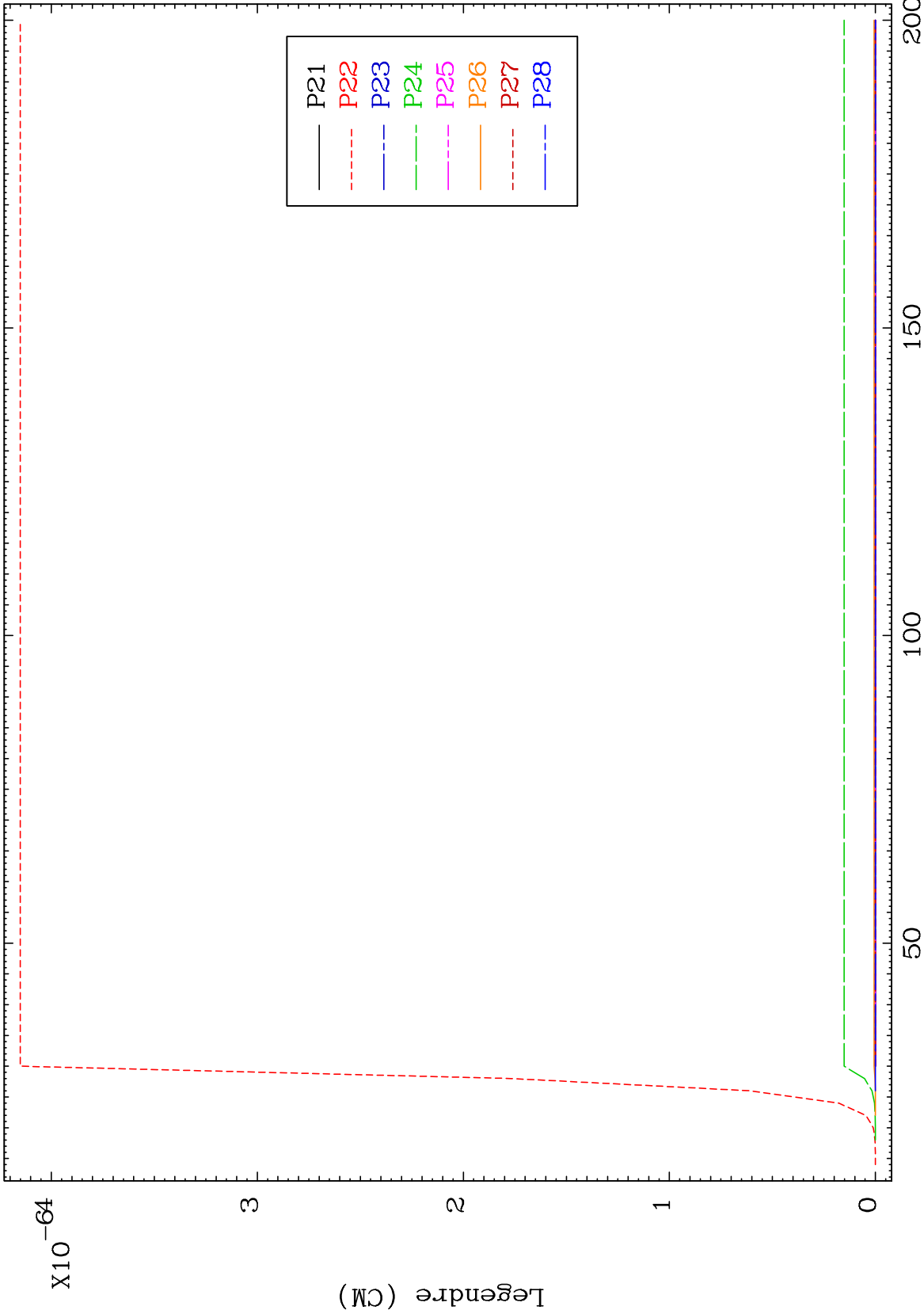
Incident Energy (MeV)

88-Ra-208

MAT 8780

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

88-Ra-208



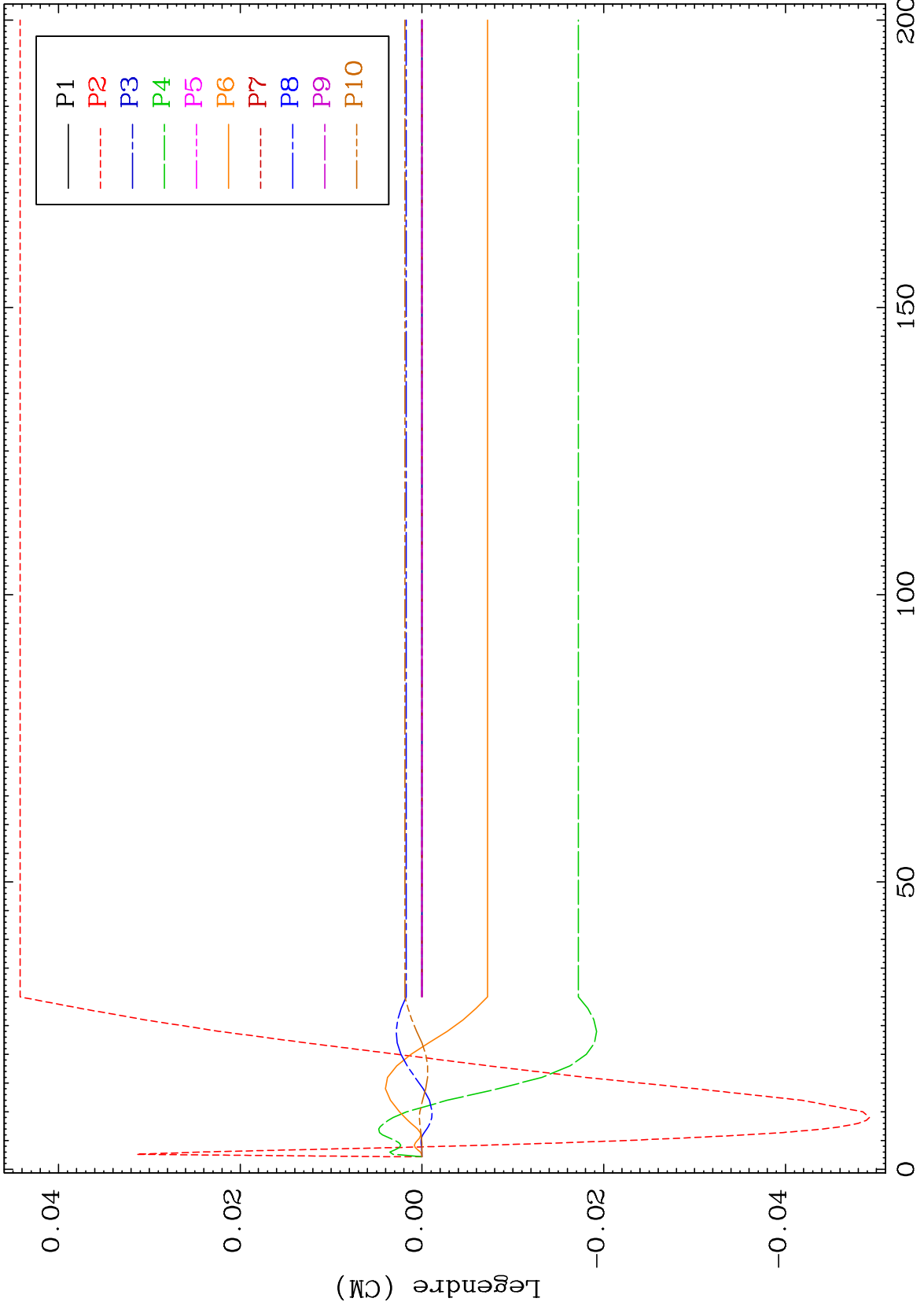
63

Incident Energy (MeV)

88-Ra-208



MAT 8780 MT= 63 (n,n') Level Legendre Coefficients 88-Ra-208

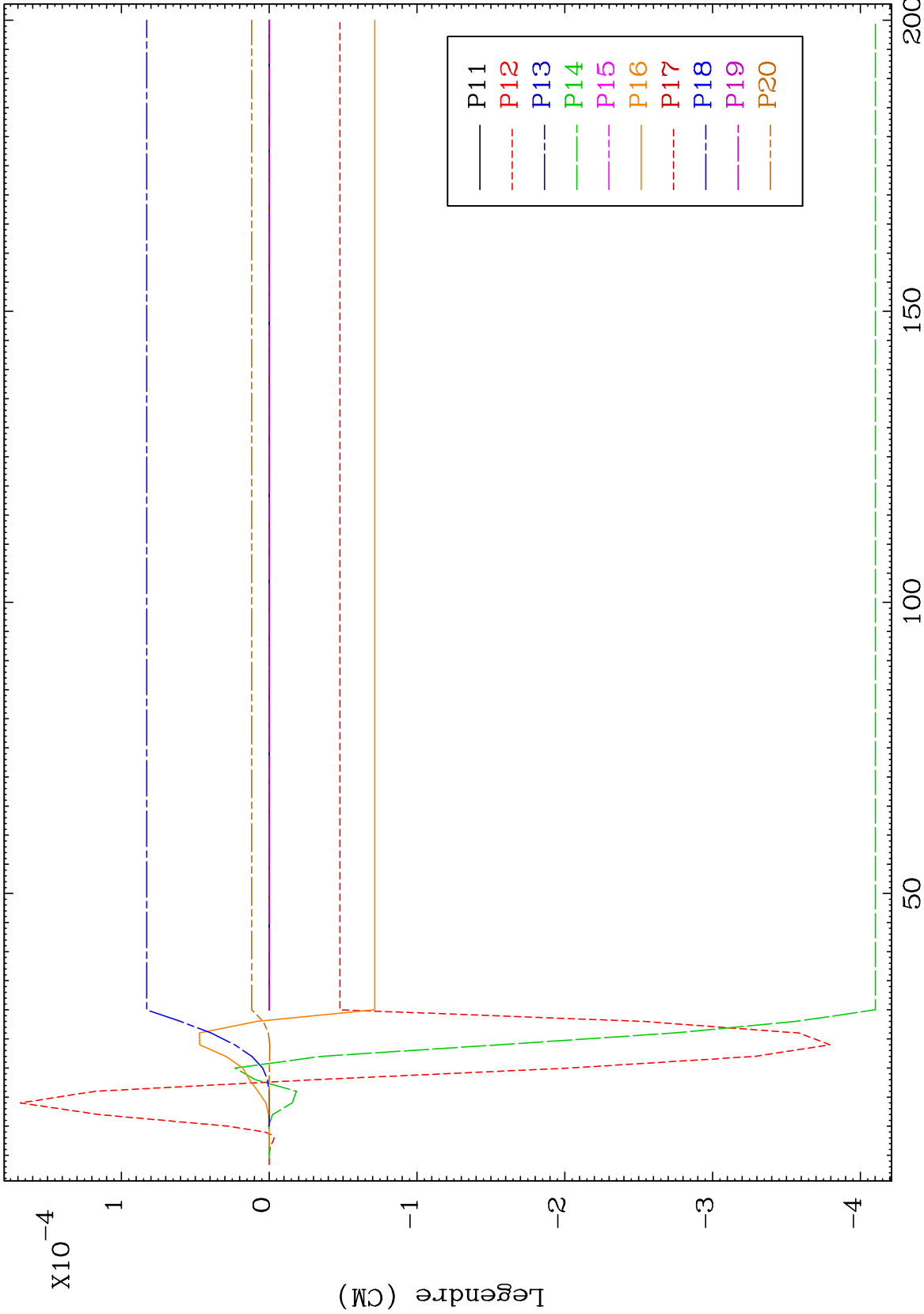


64 88-Ra-208

MAT 8780

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

88-Ra-208

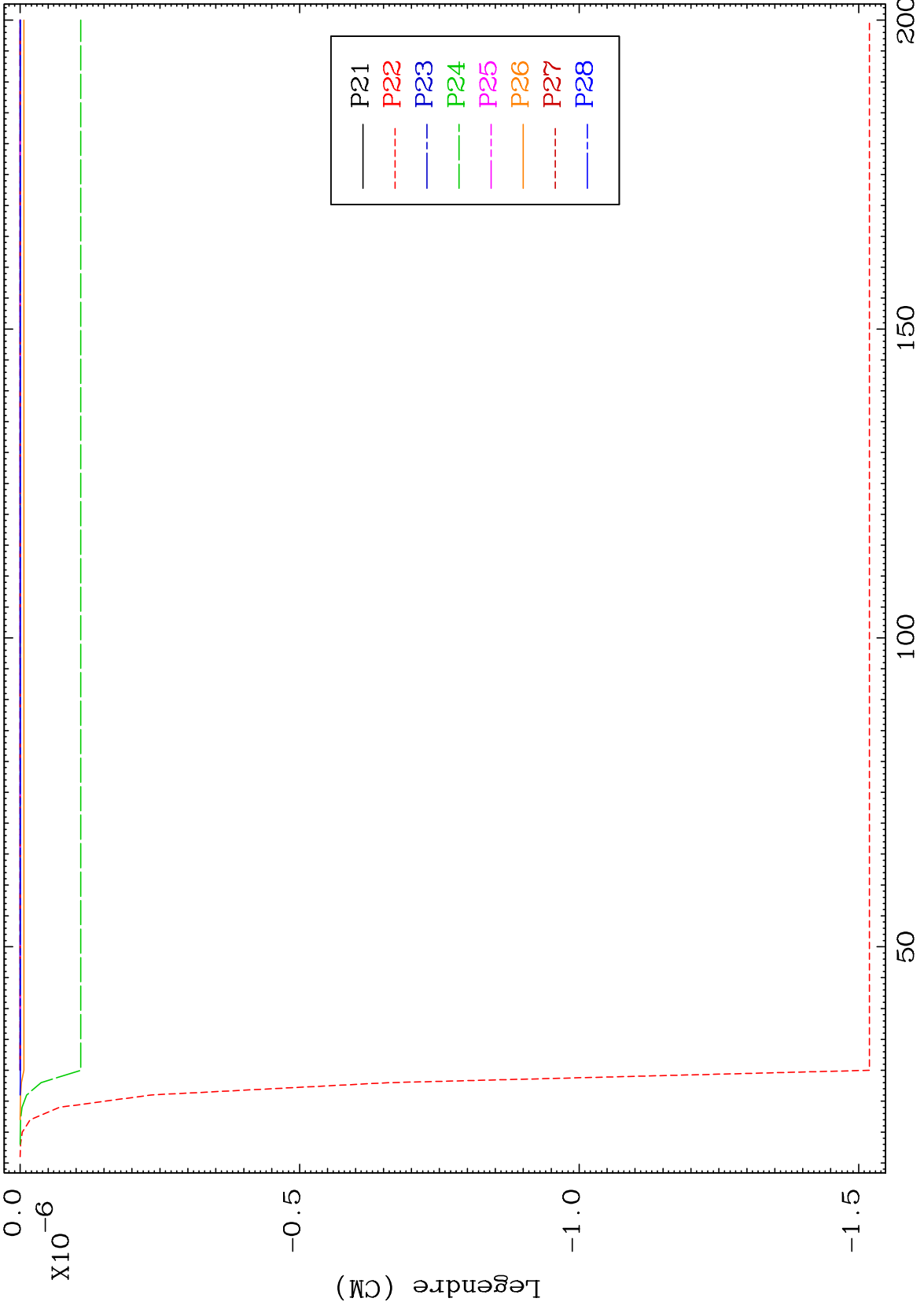


65

Incident Energy (MeV)

88-Ra-208

MAT 8780 MT= 63 (n,n') Level Legendre Coefficients 88-Ra-208

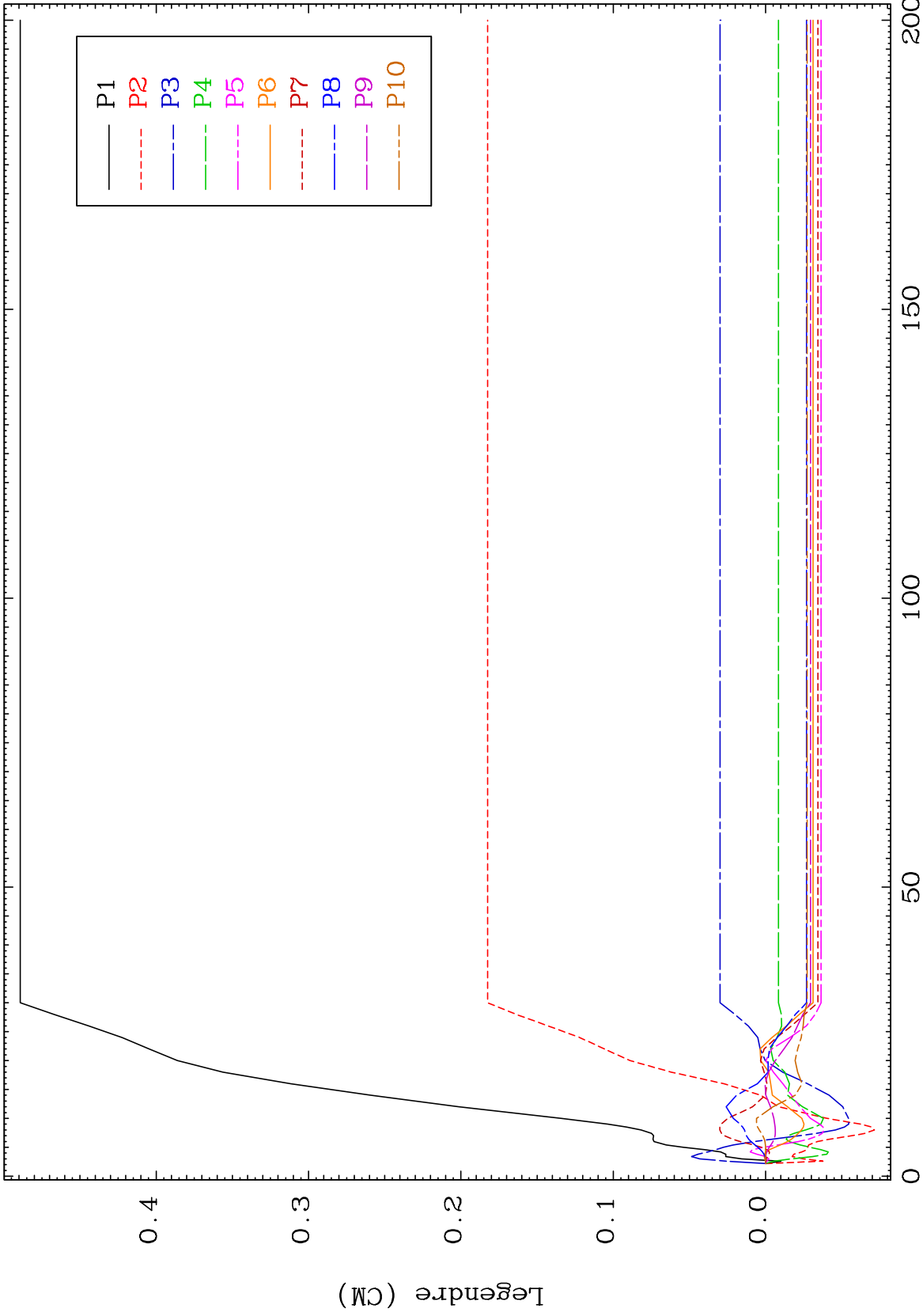


66 88-Ra-208

MAT 8780

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

88-Ra-208



67

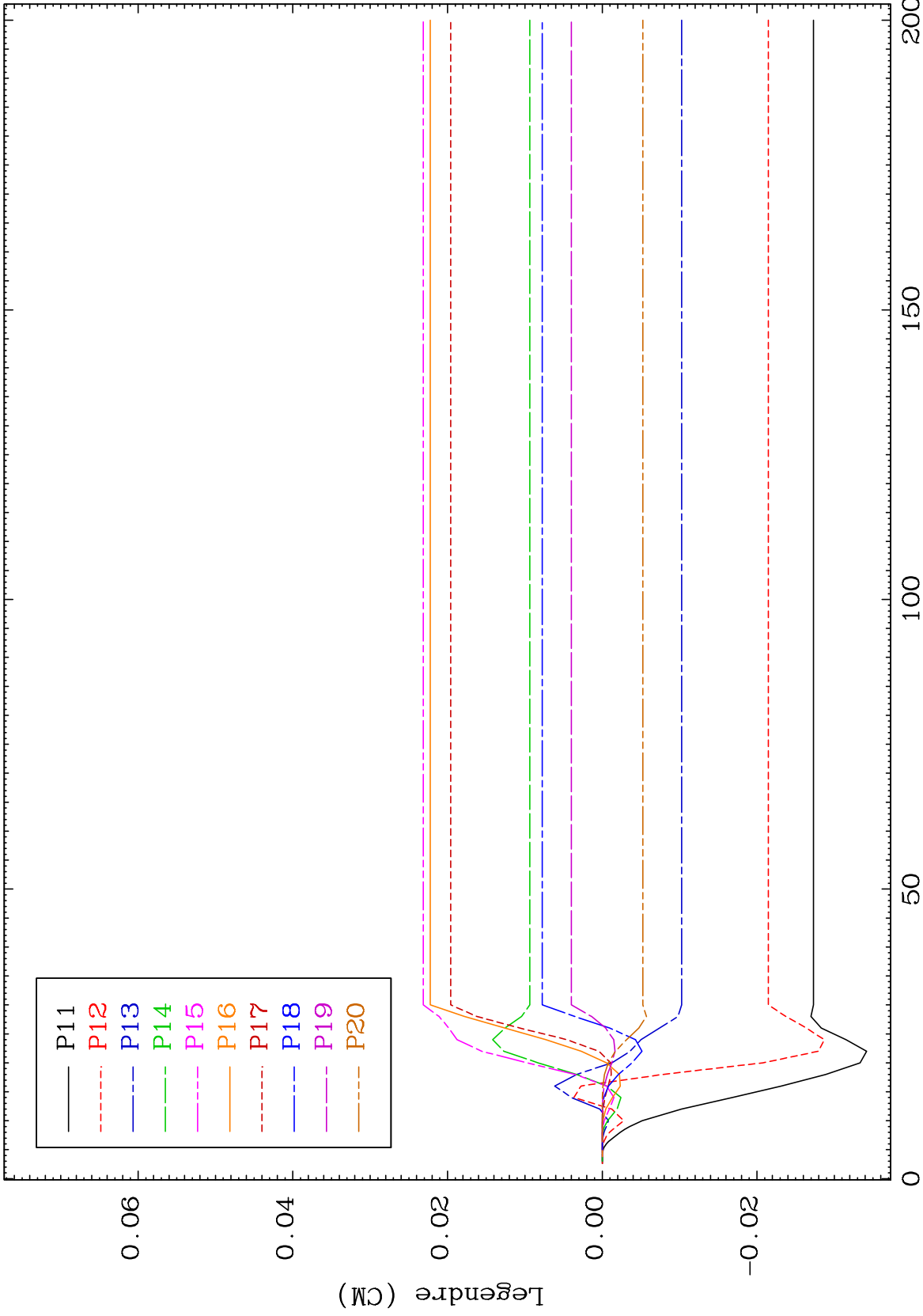
Incident Energy (MeV)

88-Ra-208

MAT 8780

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

88-Ra-208



68

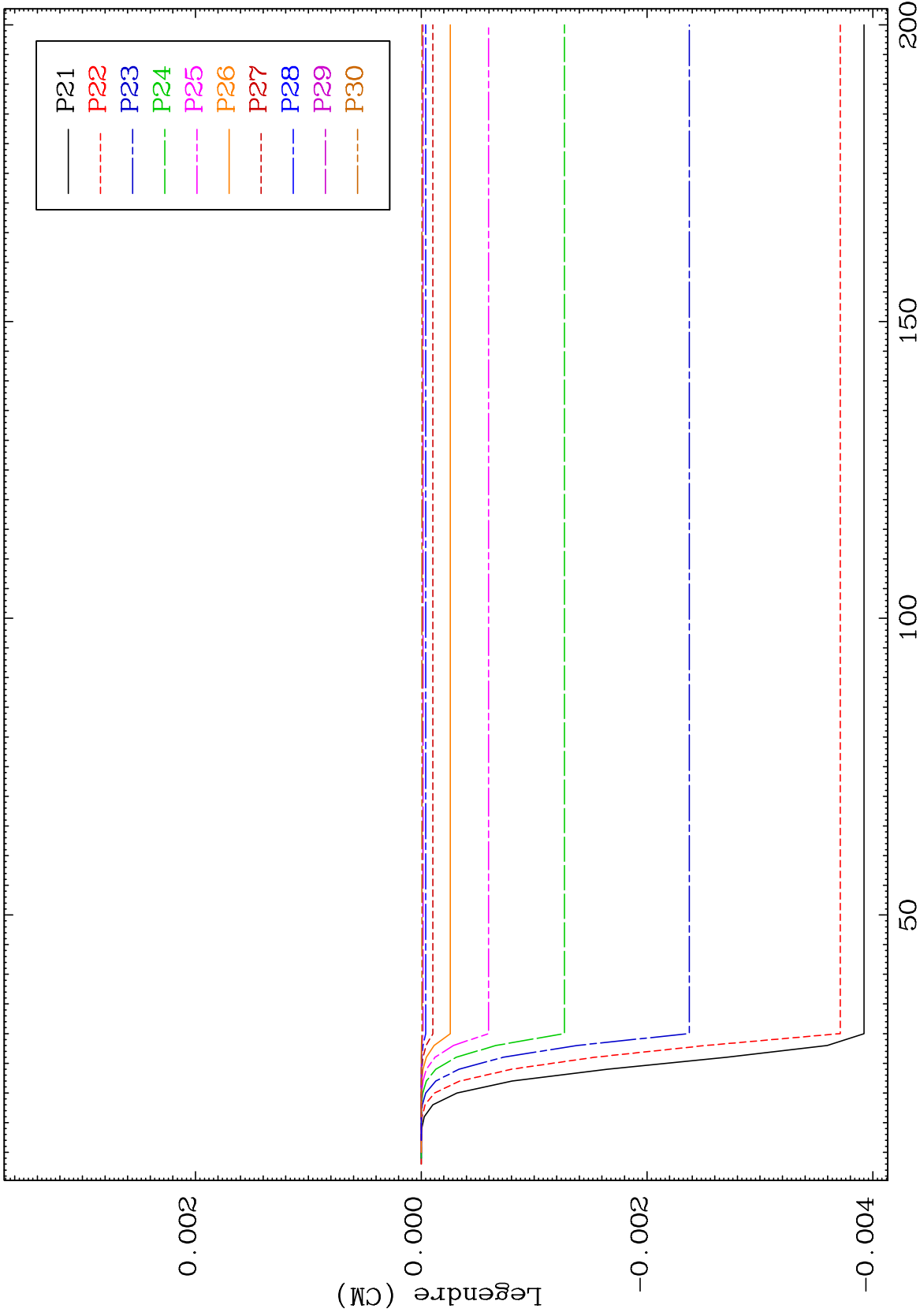
Incident Energy (MeV)

88-Ra-208

MAT 8780

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

88-Ra-208



69

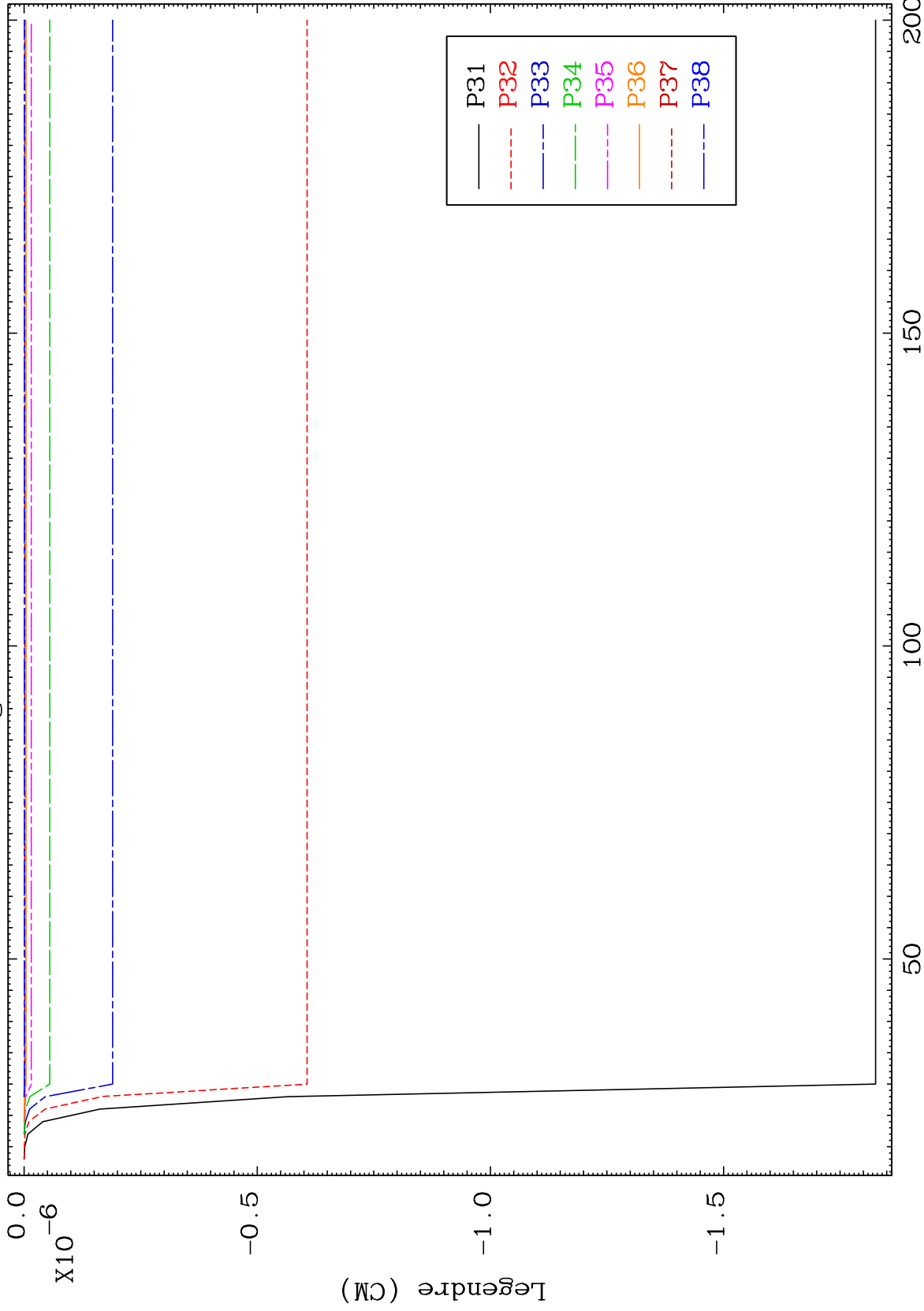
Incident Energy (MeV)

88-Ra-208

MAT 8780

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

88-Ra-208



88-Ra-208

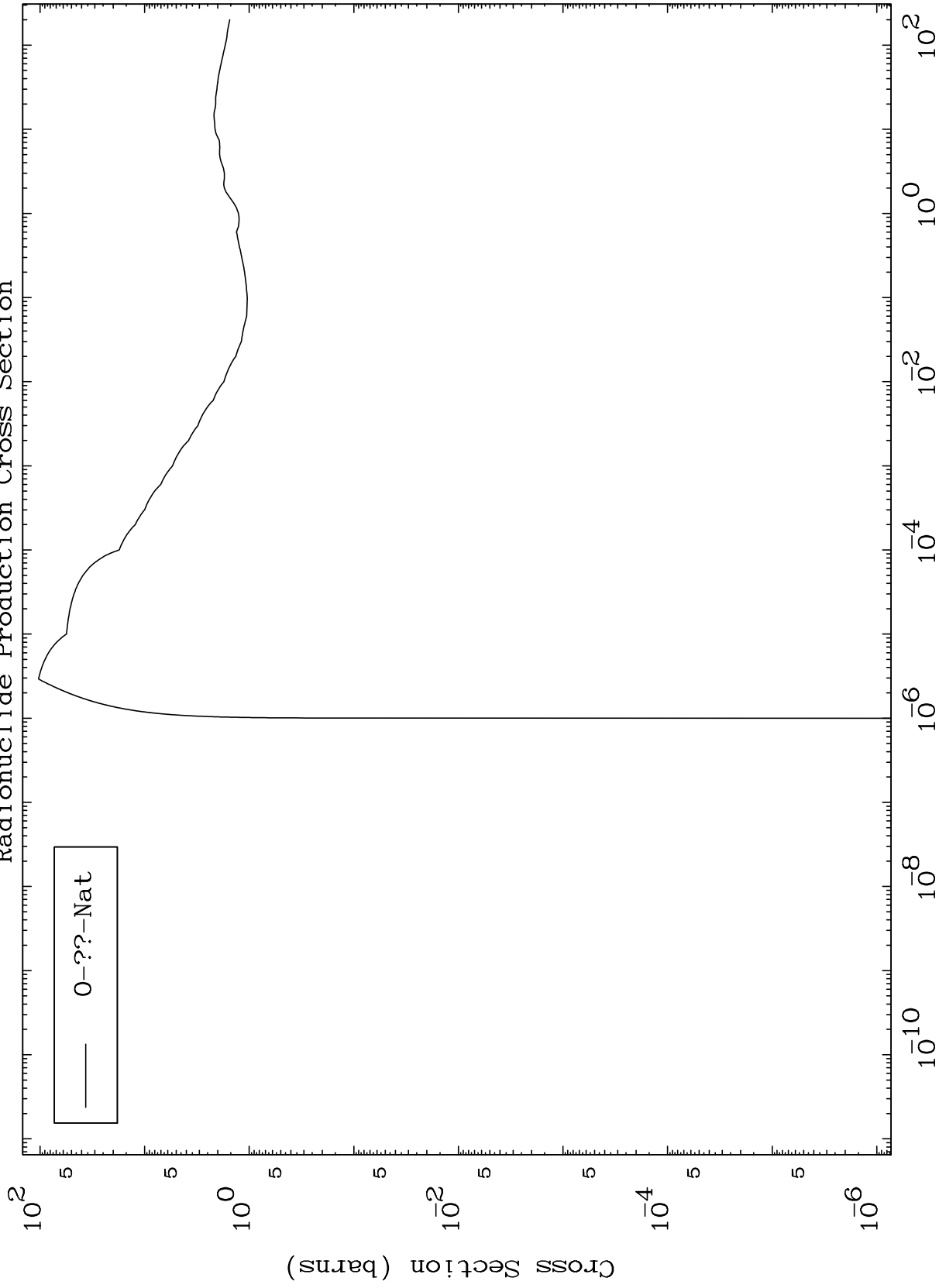
Incident Energy (MeV)

70

MAT 8780

88-Ra-208

Fission  
Radionuclide Production Cross Section



71

88-Ra-208

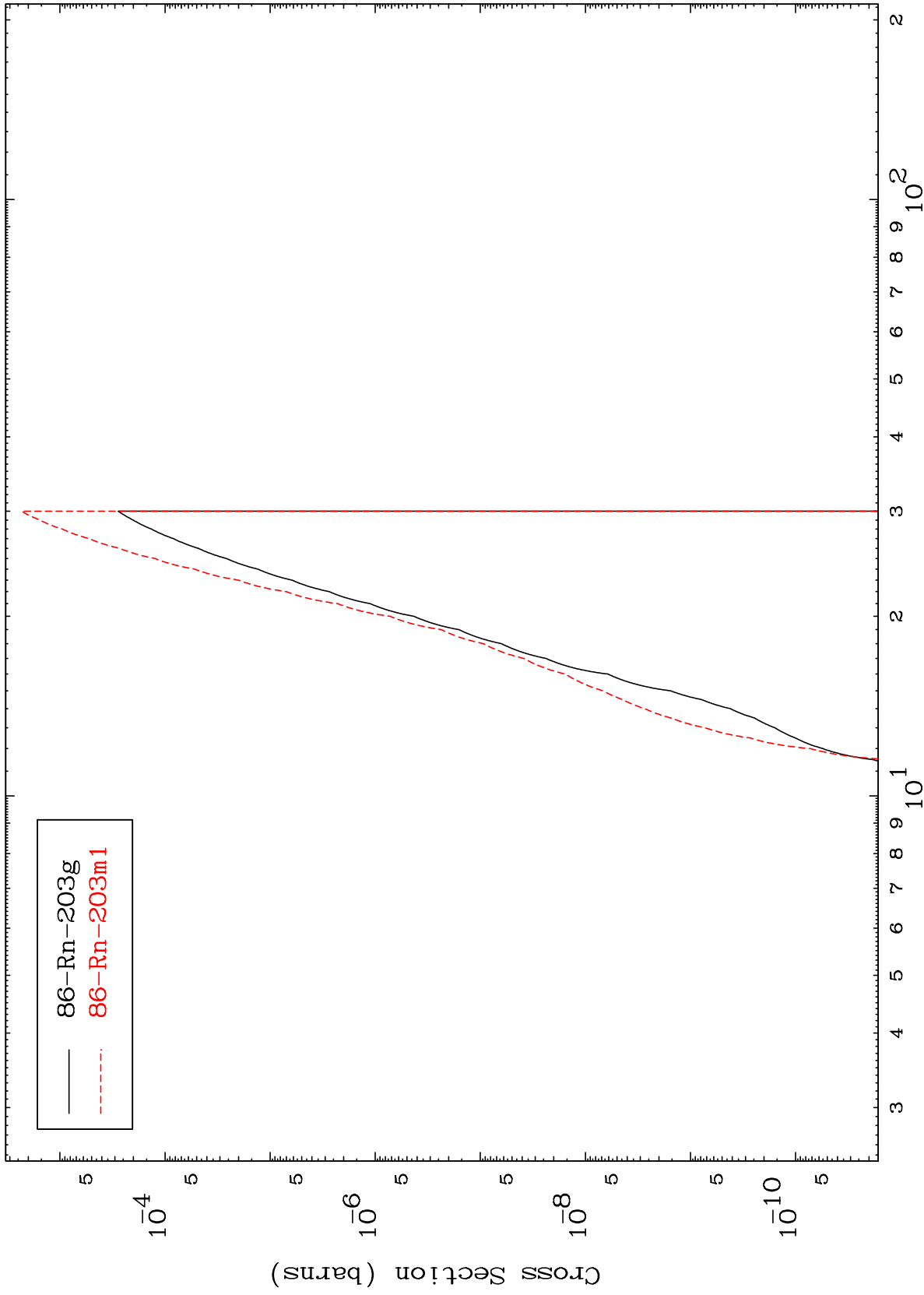


MAT 8780

(n,2n)  $\alpha$

88-Ra-208

Radionuclide Production Cross Section



72

Incident Energy (MeV)

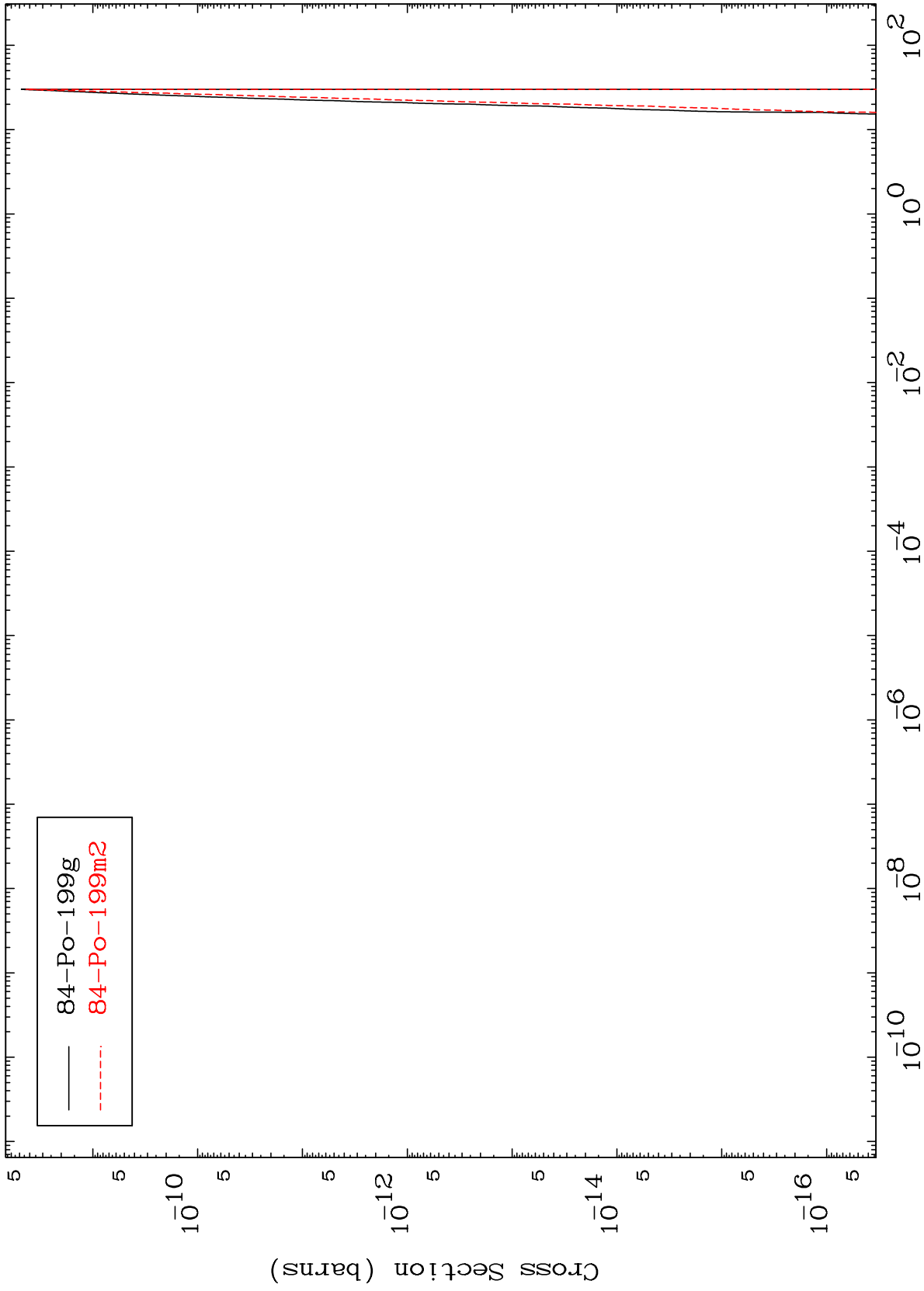
88-Ra-208

MAT 8780

(n,2n) 2 $\alpha$

88-Ra-208

Radionuclide Production Cross Section



73

Incident Energy (MeV)

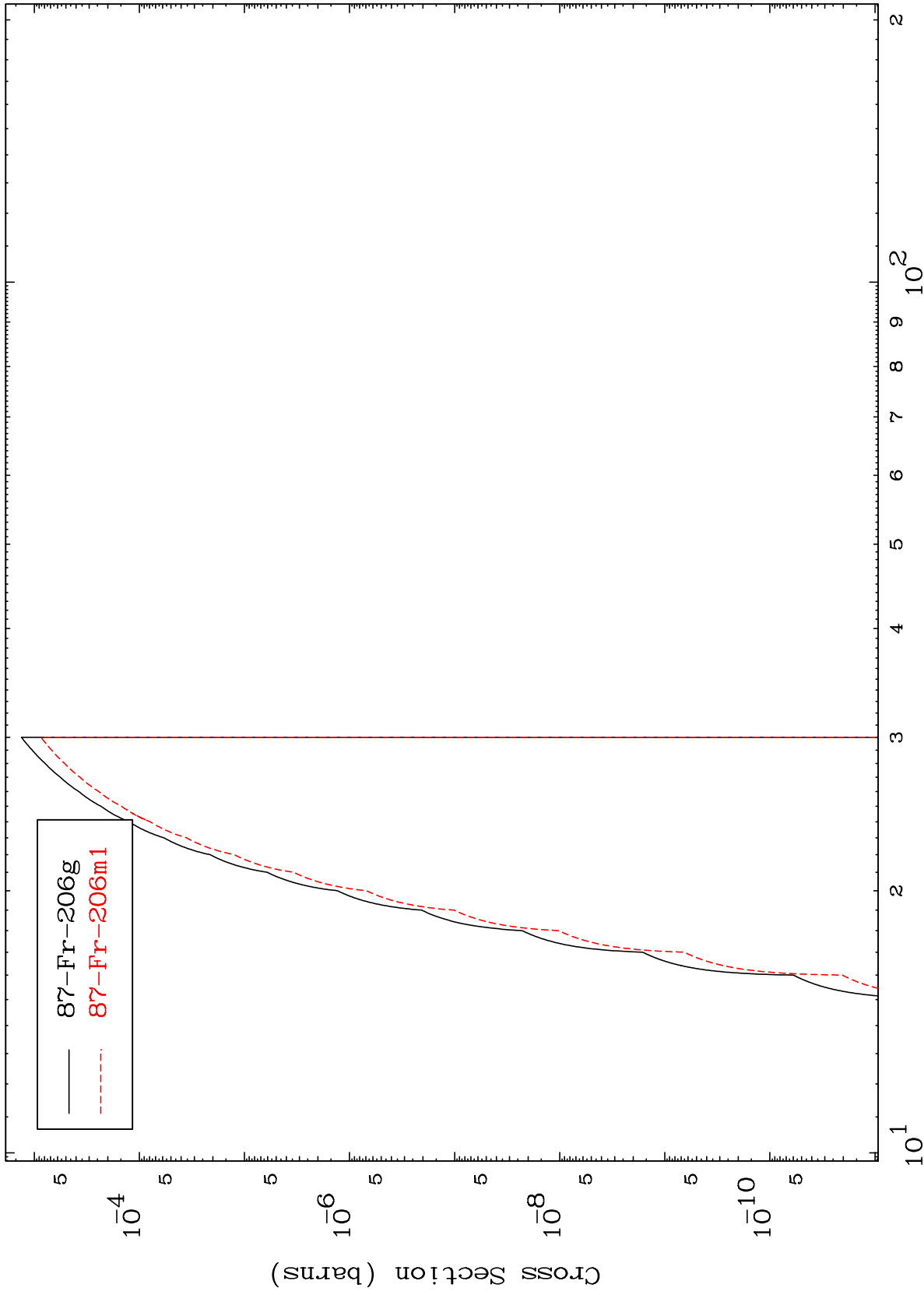
88-Ra-208

MAT 8780

(n,n') d

88-Ra-208

Radionuclide Production Cross Section

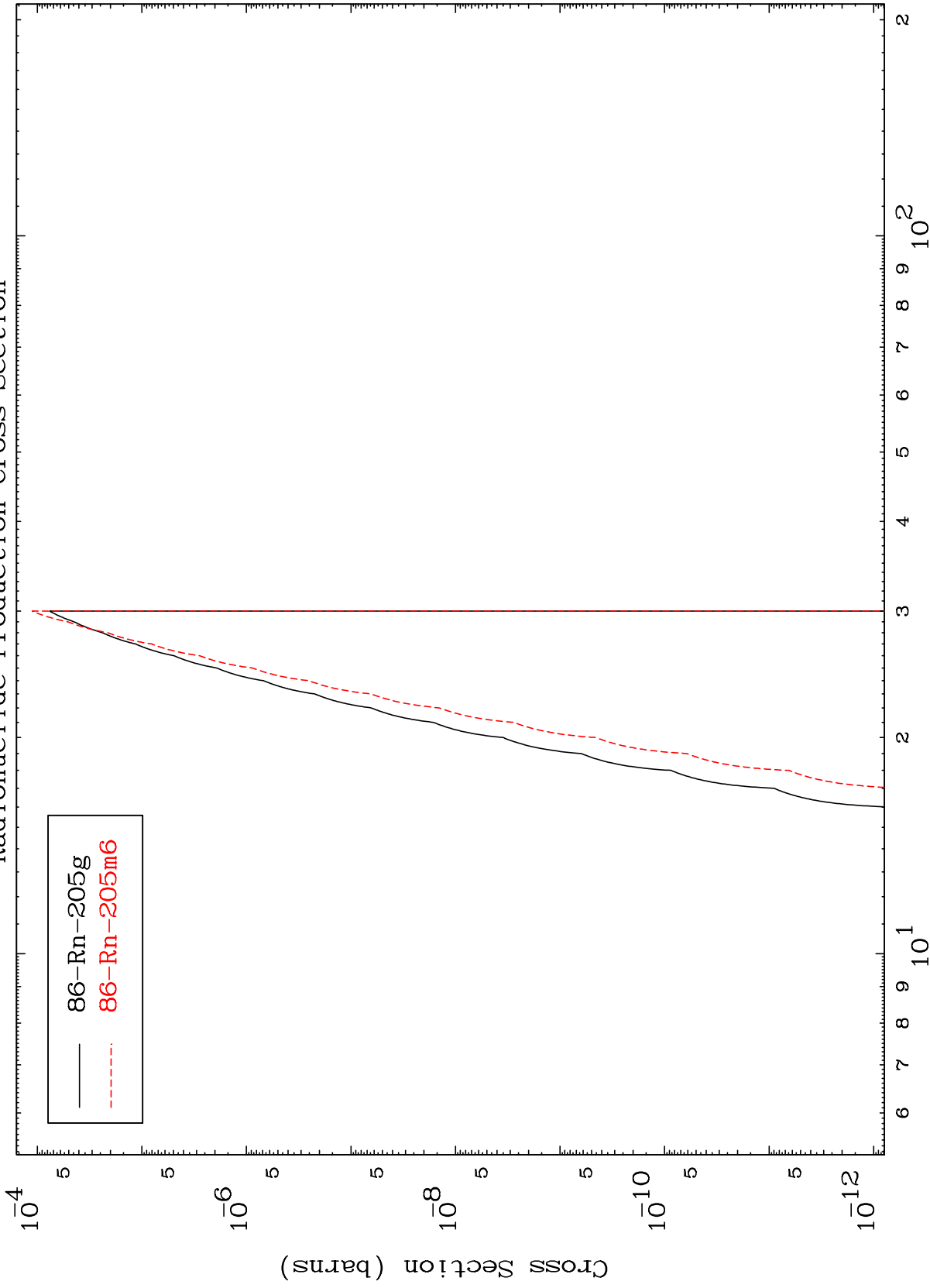


MAT 8780

(n, n') He-3

88-Ra-208

Radionuclide Production Cross Section



75

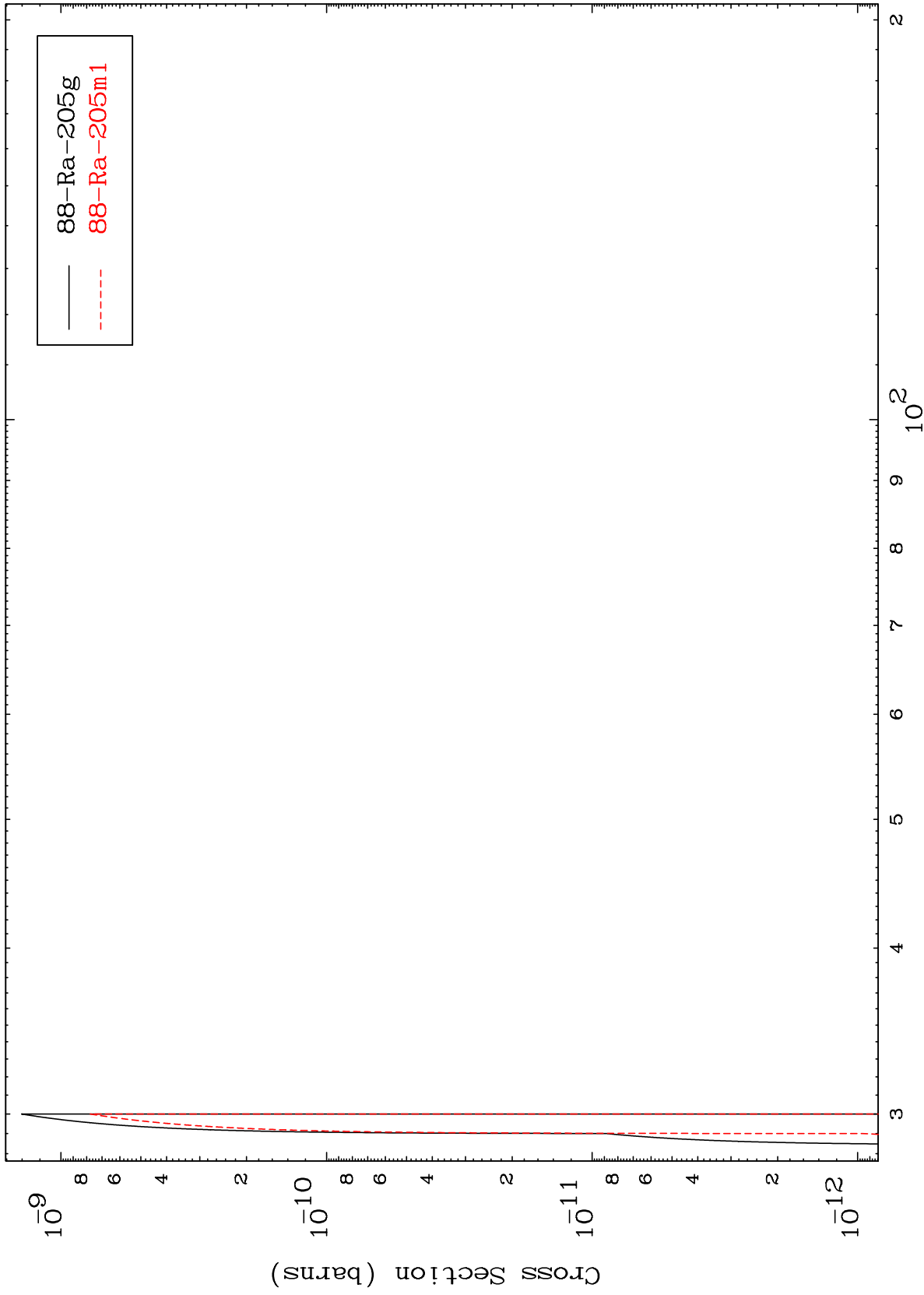
Incident Energy (MeV)

88-Ra-208

MAT 8780

88-Ra-208

(n,4n)  
Radionuclide Production Cross Section



76

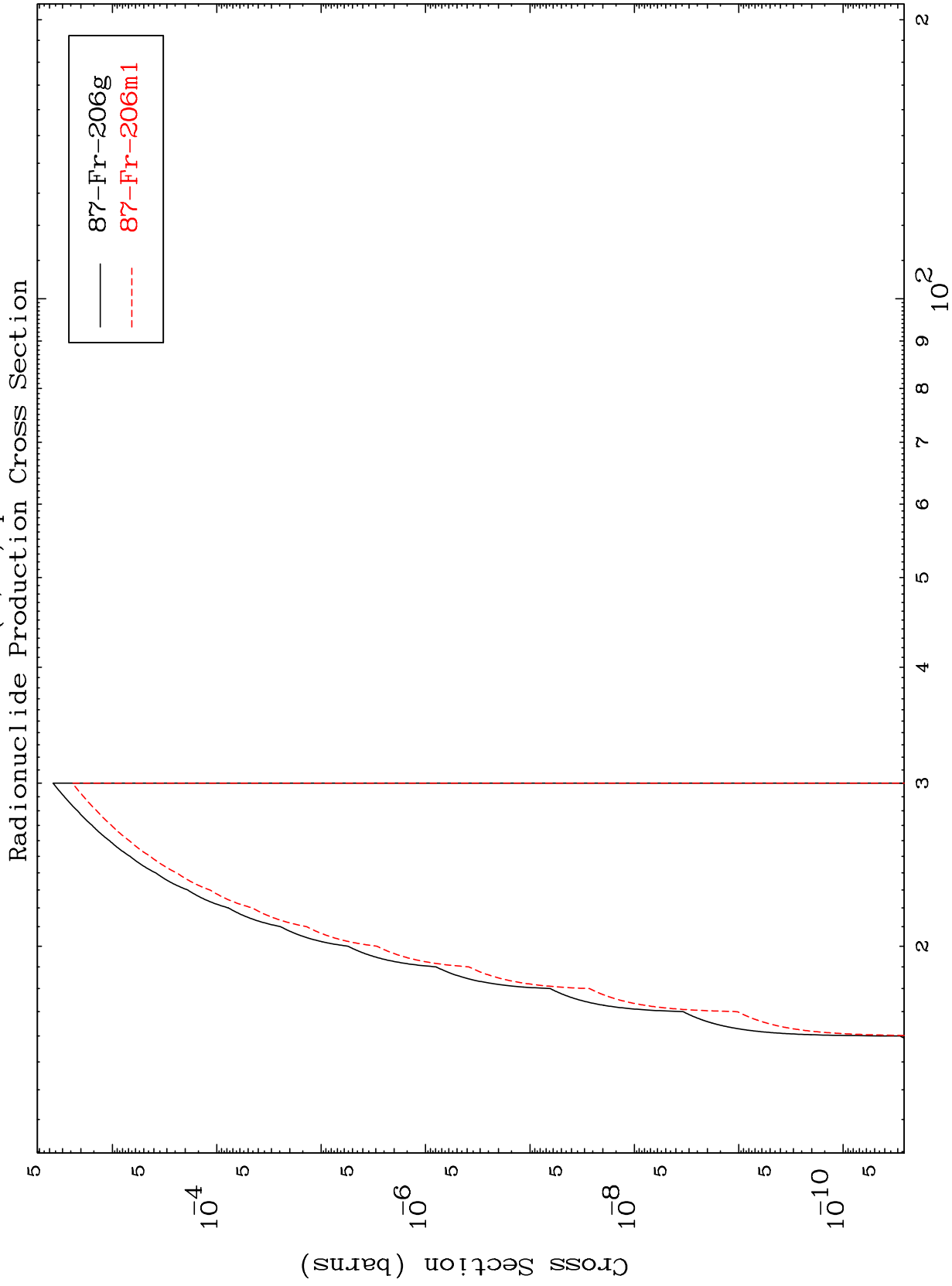
88-Ra-208

Incident Energy (MeV)

MAT 8780

(n,2n) p

88-Ra-208



77

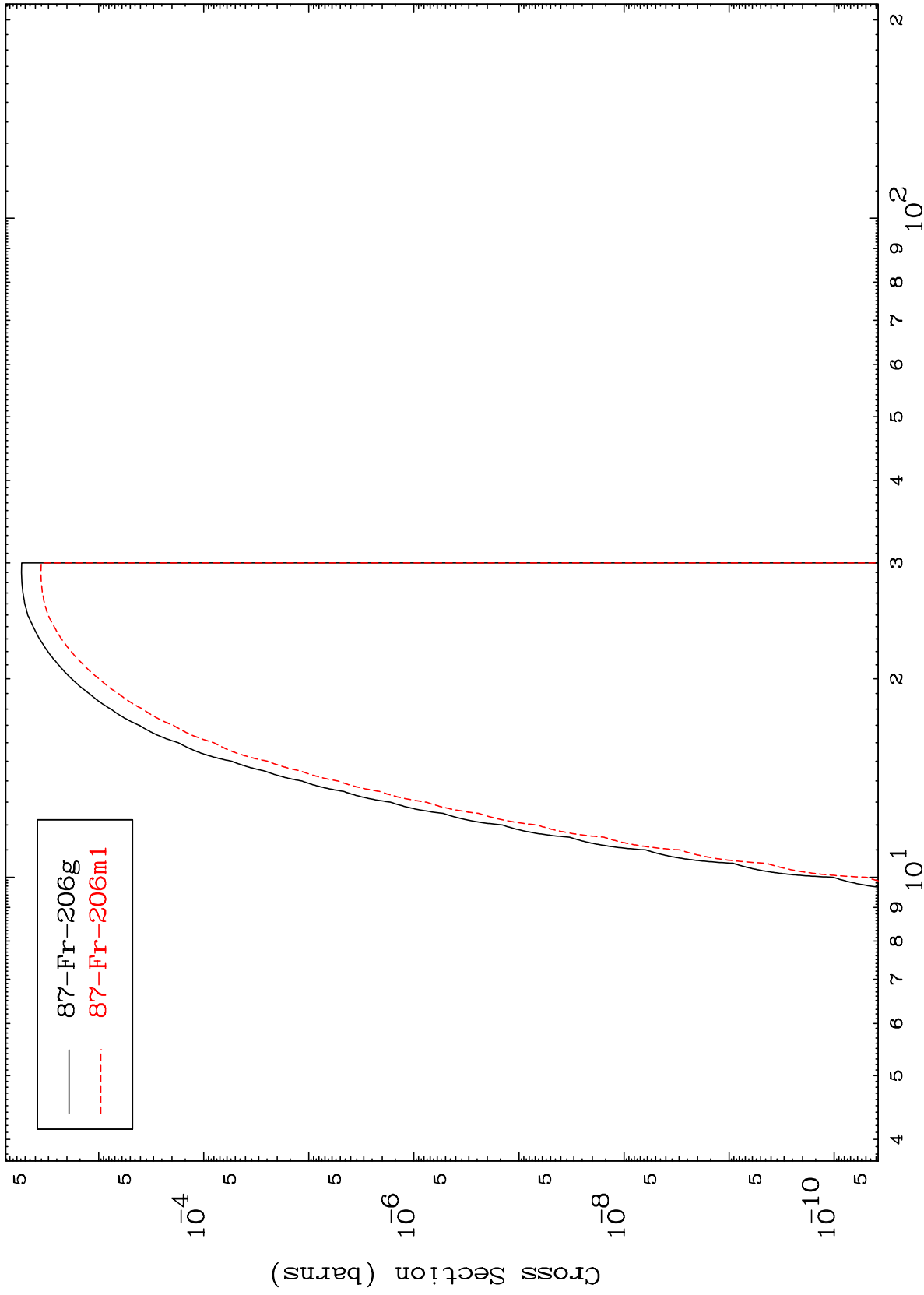
Incident Energy (MeV)

88-Ra-208

MAT 8780

88-Ra-208

(n, t)  
Radionuclide Production Cross Section



78

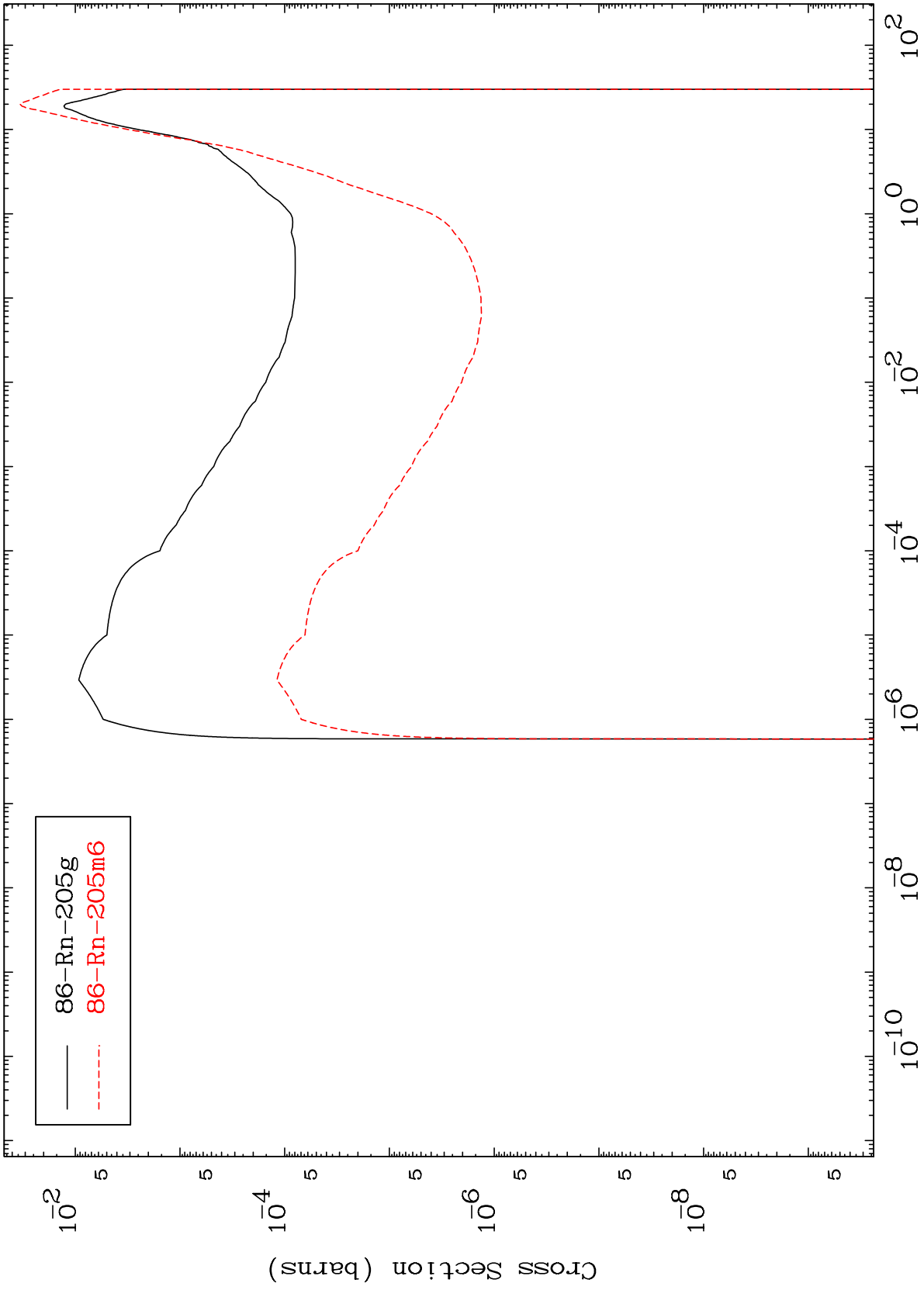
Incident Energy (MeV)

88-Ra-208

MAT 8780

88-Ra-208

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



79

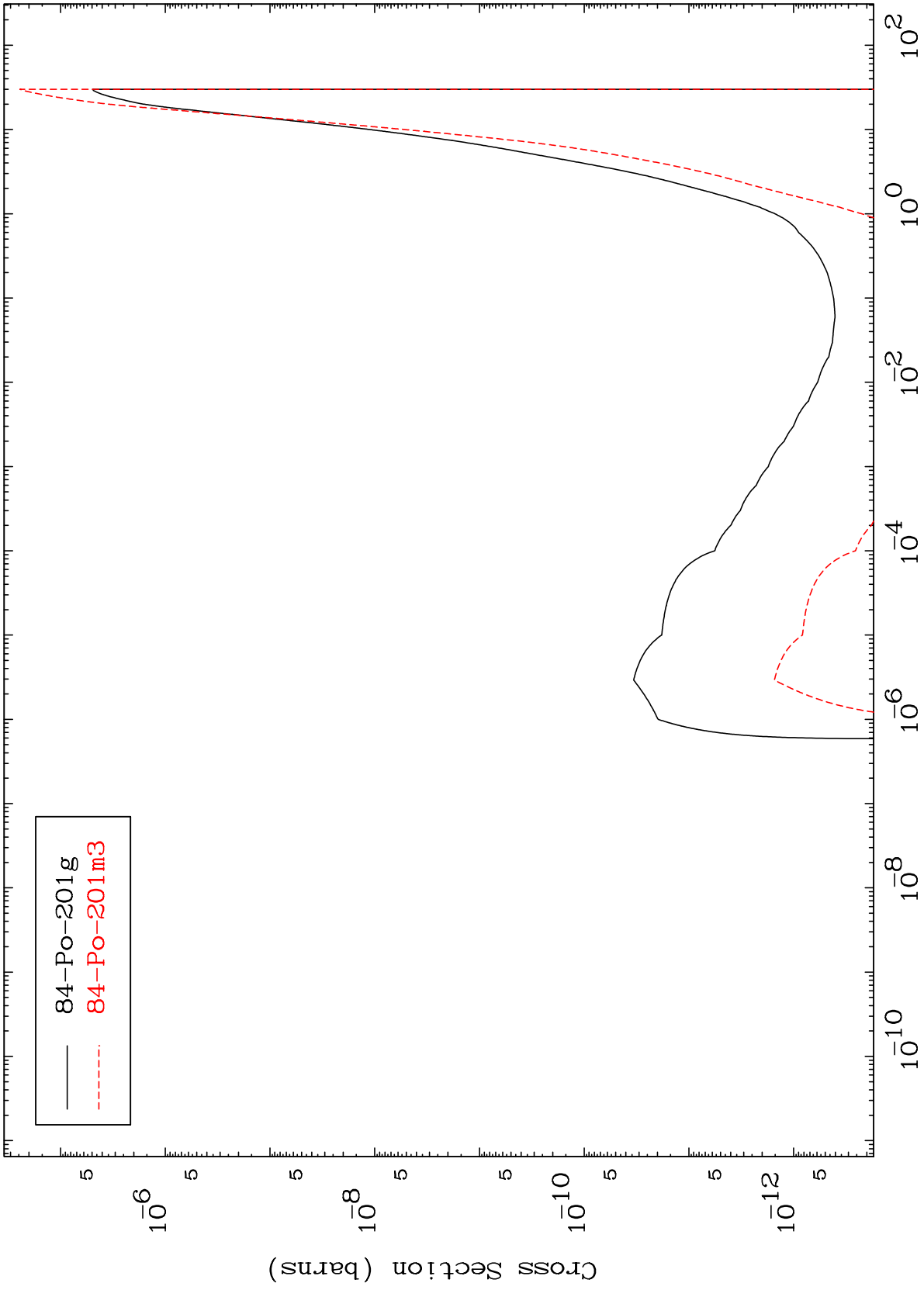
88-Ra-208



MAT 8780

88-Ra-208

Radionuclide Production Cross Section  
(n,2α)



80

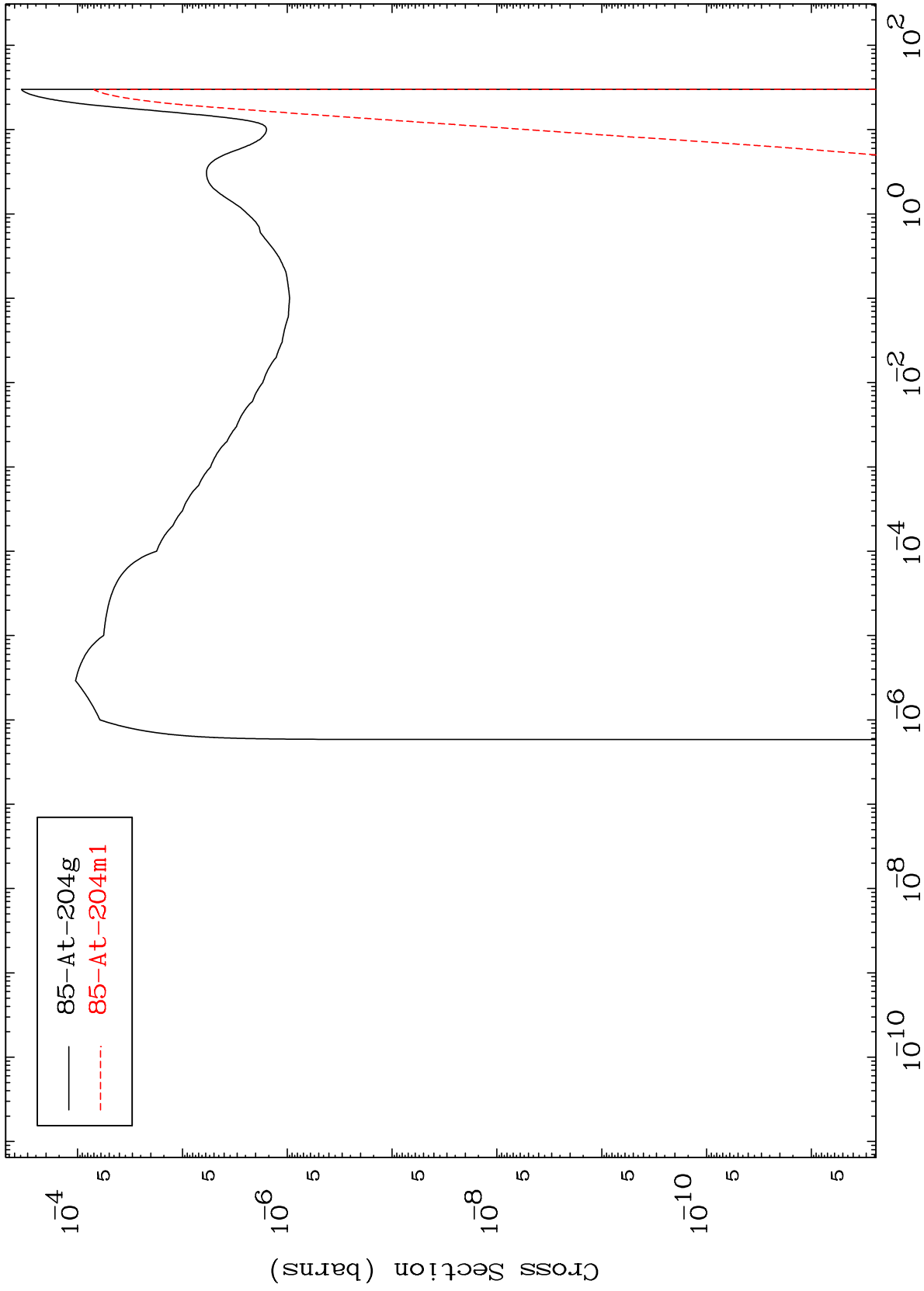
88-Ra-208

MAT 8780

(n,p)  $\alpha$

88-Ra-208

Radionuclide Production Cross Section



81

Incident Energy (MeV)

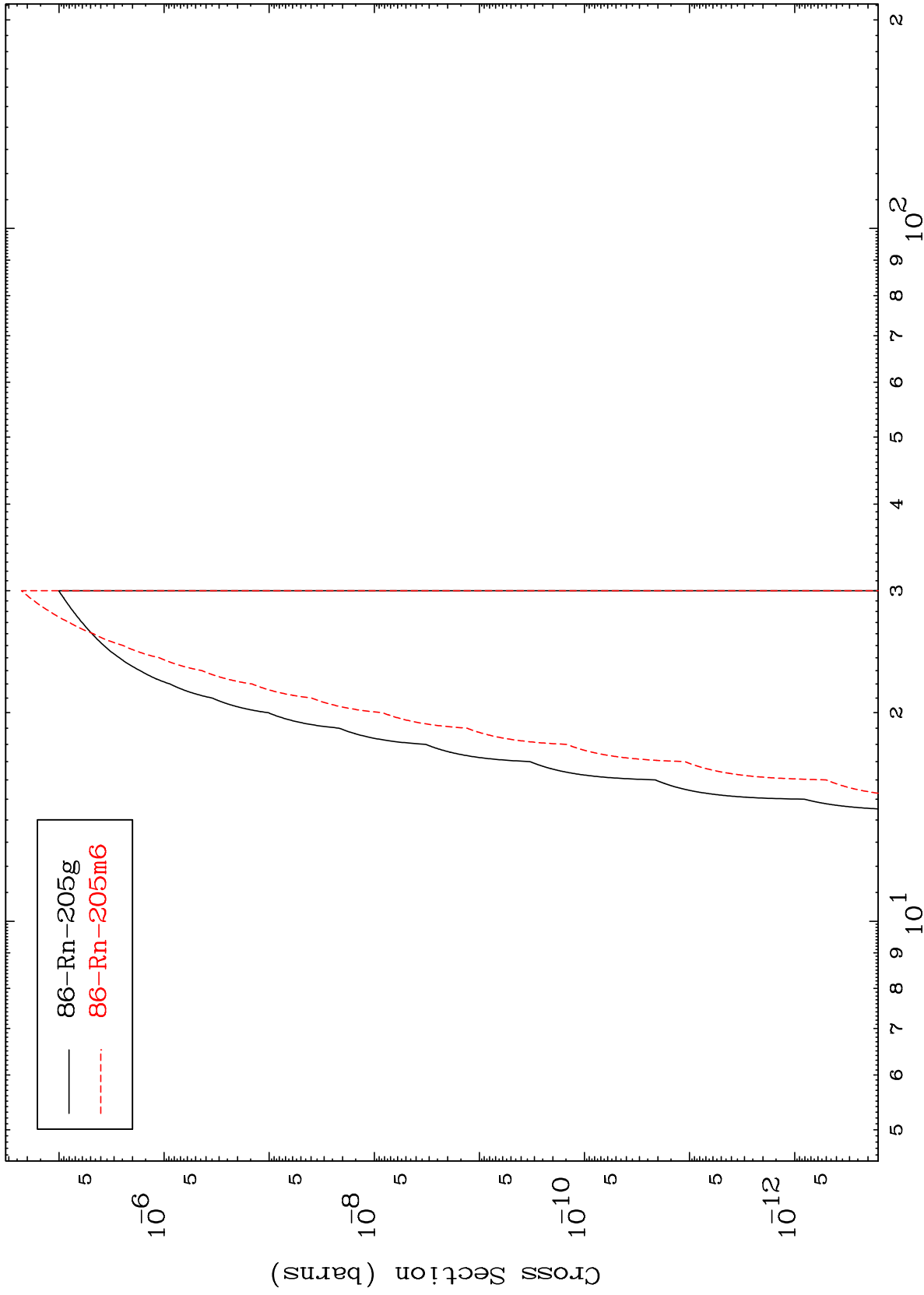
88-Ra-208

MAT 8780

(n,p) t

88-Ra-208

Radionuclide Production Cross Section



82

Incident Energy (MeV)

88-Ra-208