

Program EVALPLOT
(Version 2021-1)

by

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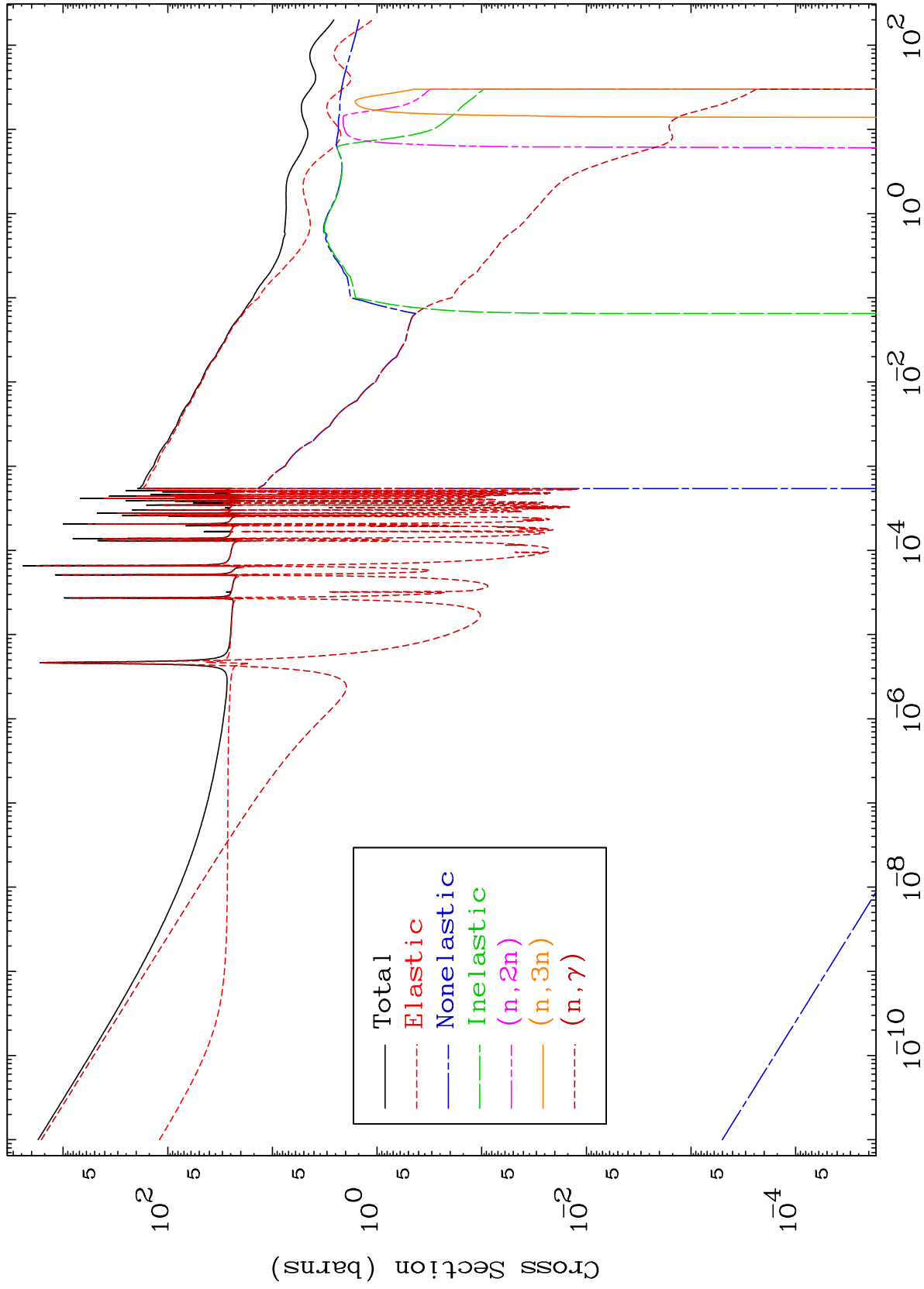
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6846

Neutron Major
293 Kelvin Cross Sections

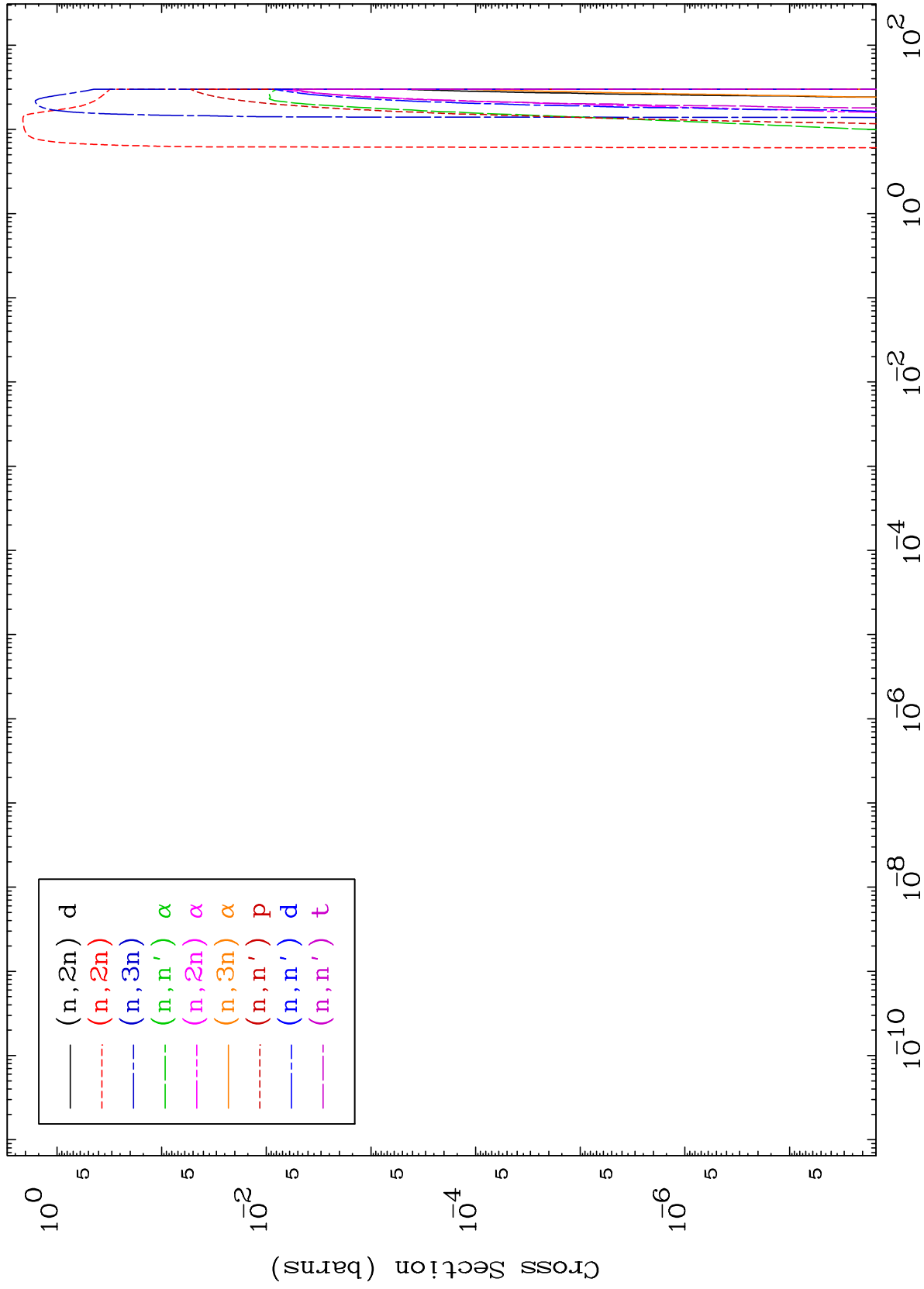
68-Er-169



MAT 6846

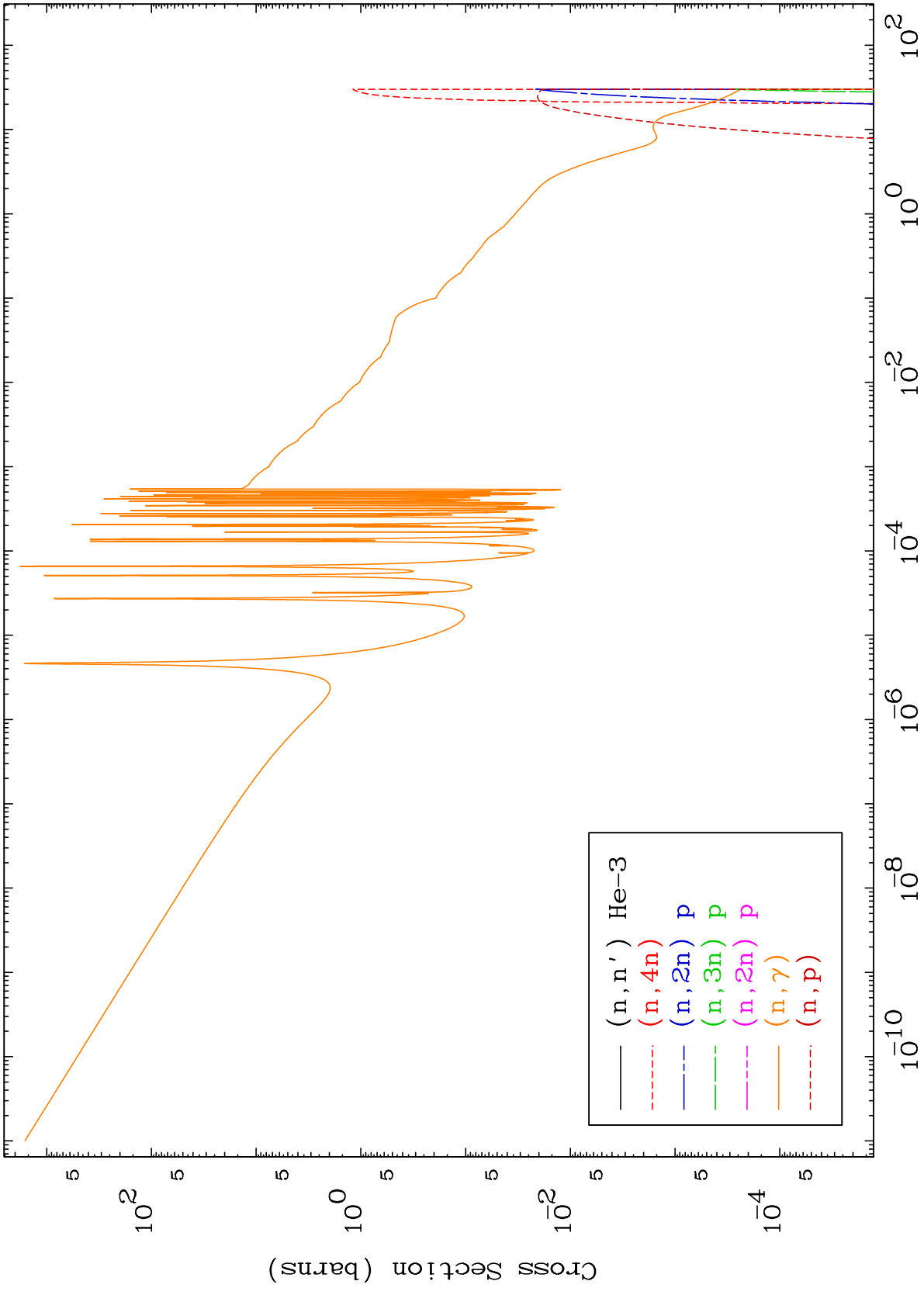
Neutron Absorption
293 Kelvin Cross Sections

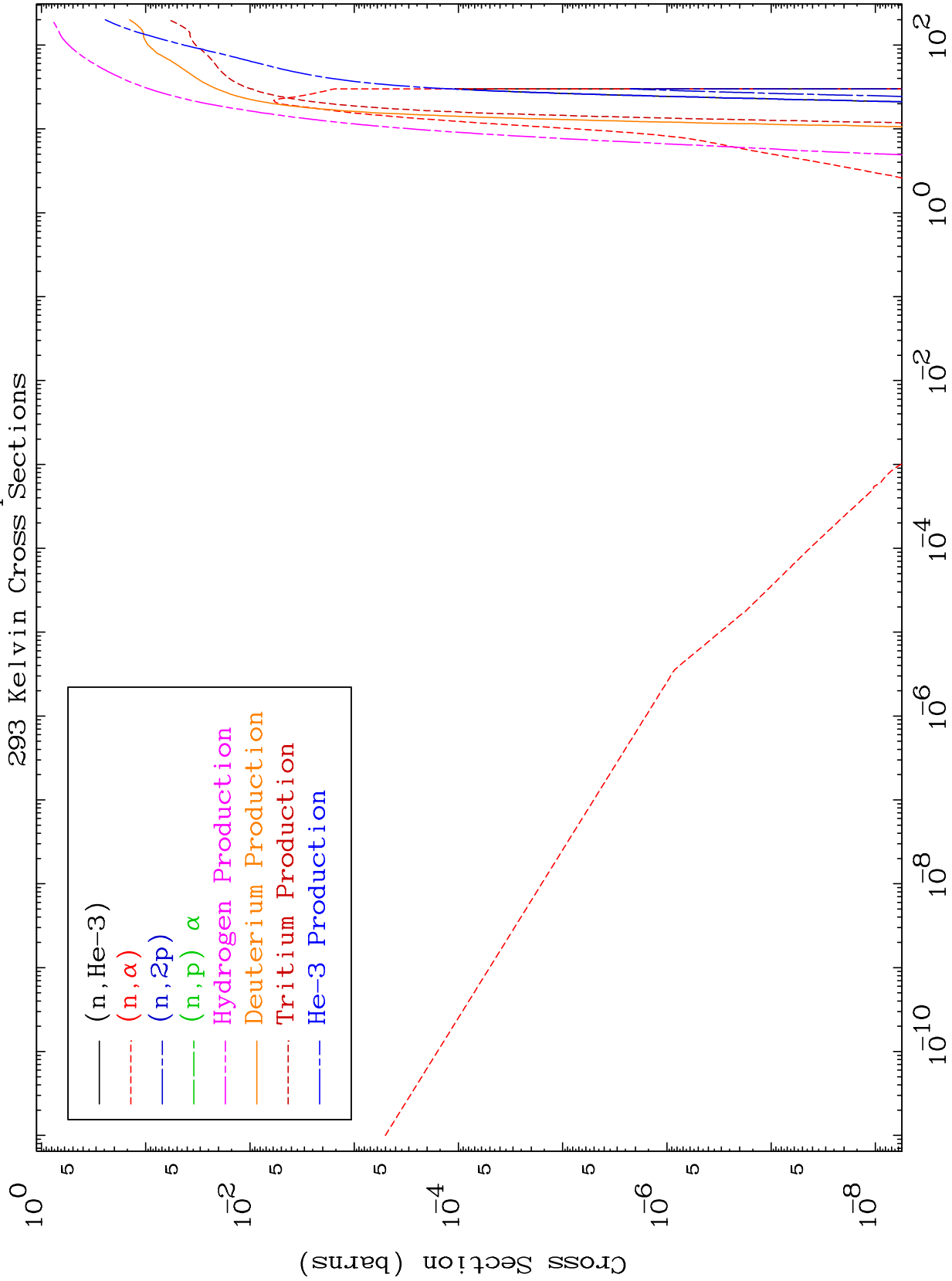
68-Er-169



2

68-Er-169

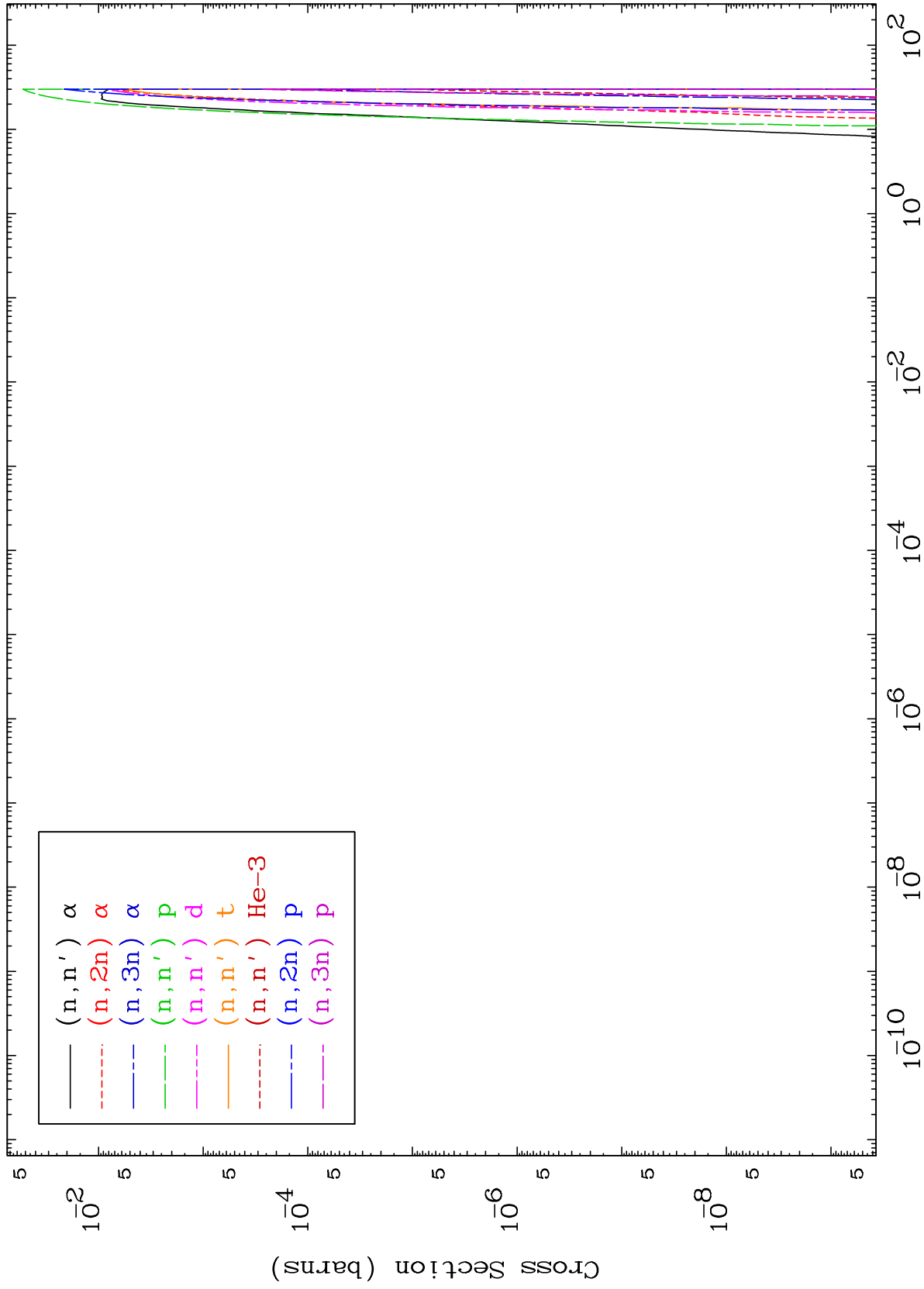




MAT 6846

293 Charged Particle
Kelvin Cross Sections

68-Er-169



5

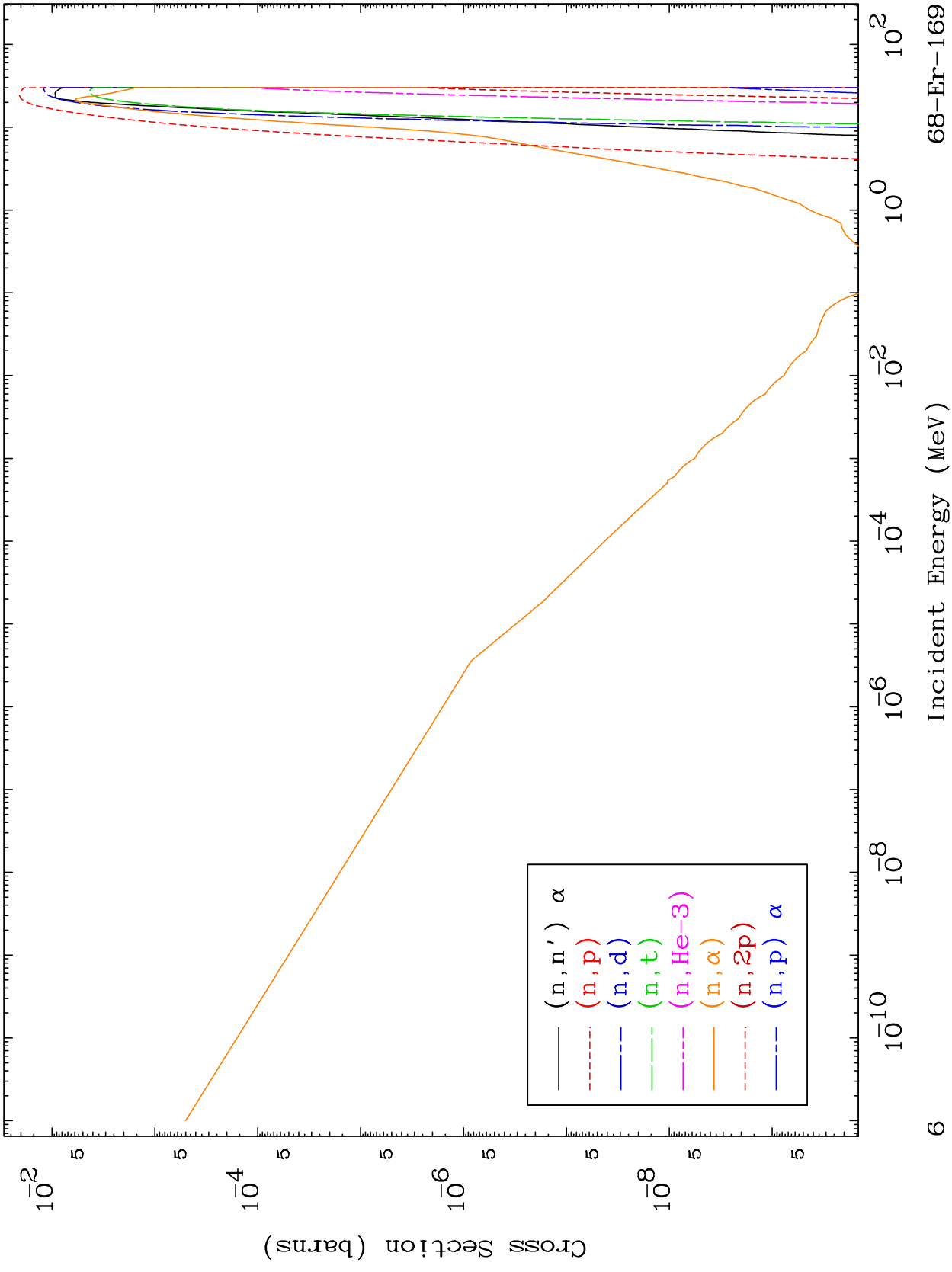
Incident Energy (MeV)

68-Er-169

MAT 6846

Charged Particle
293 Kelvin Cross Sections

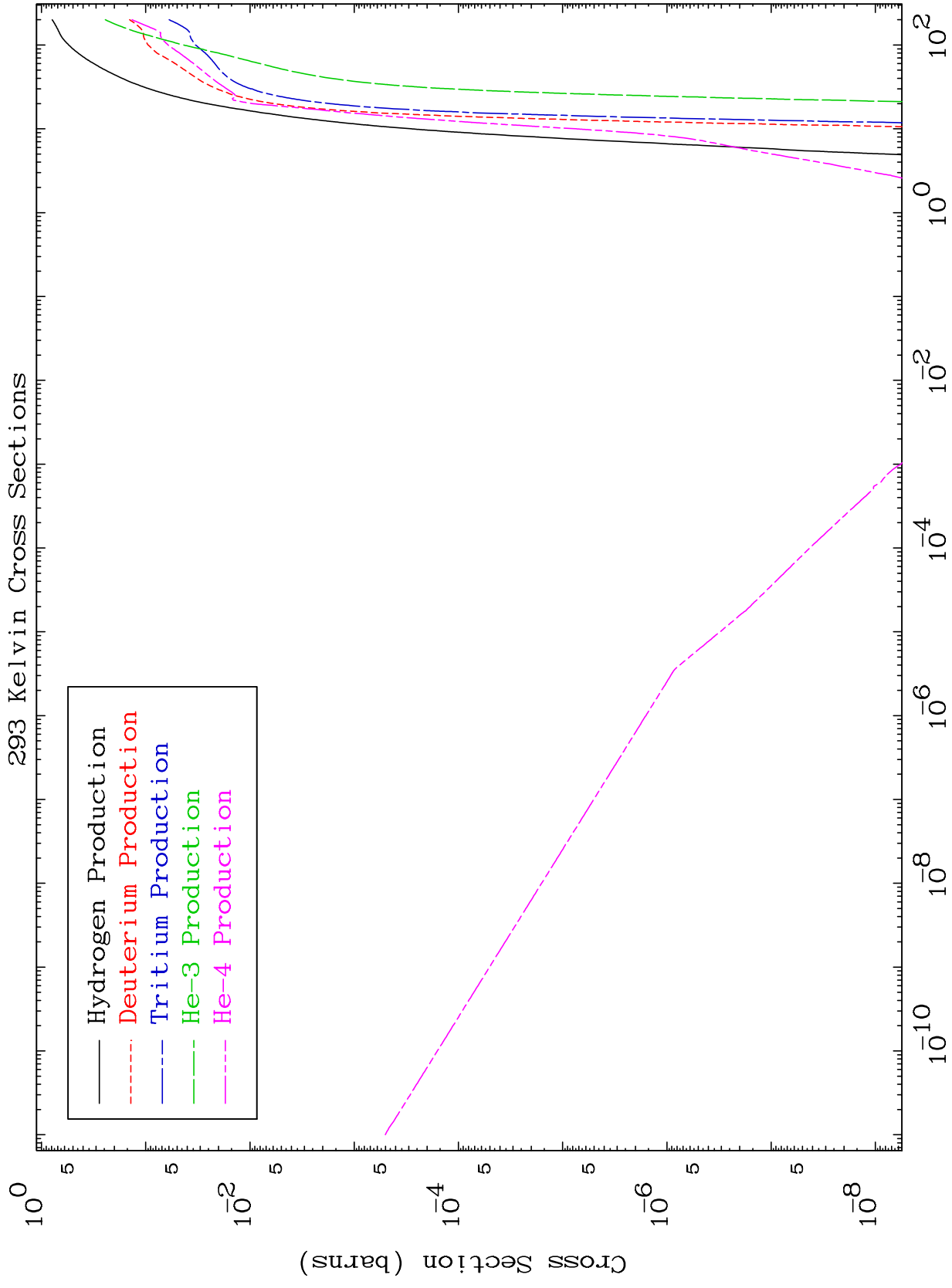
68-Er-169



MAT 6846

Particle Production
293 Kelvin Cross Sections

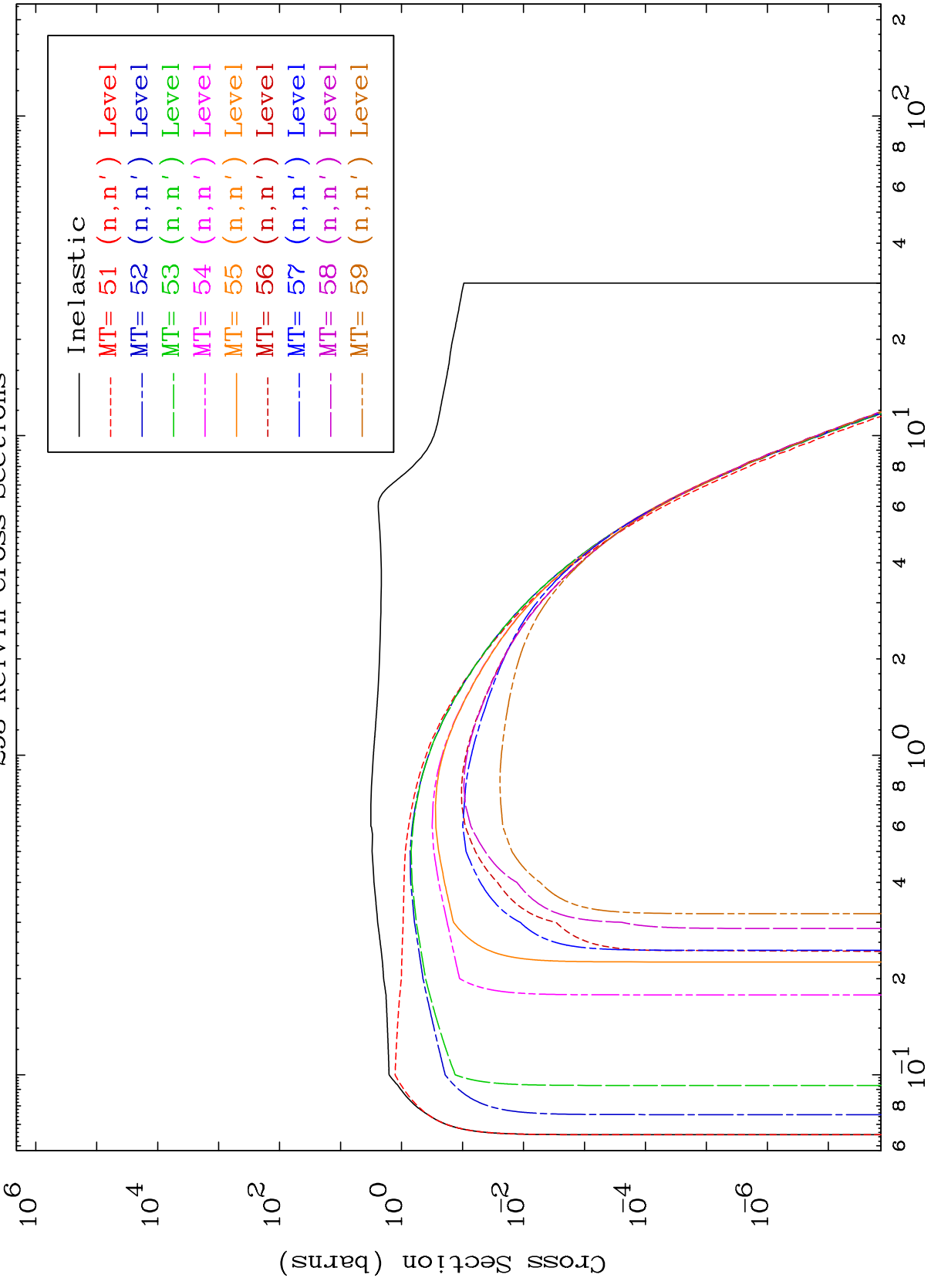
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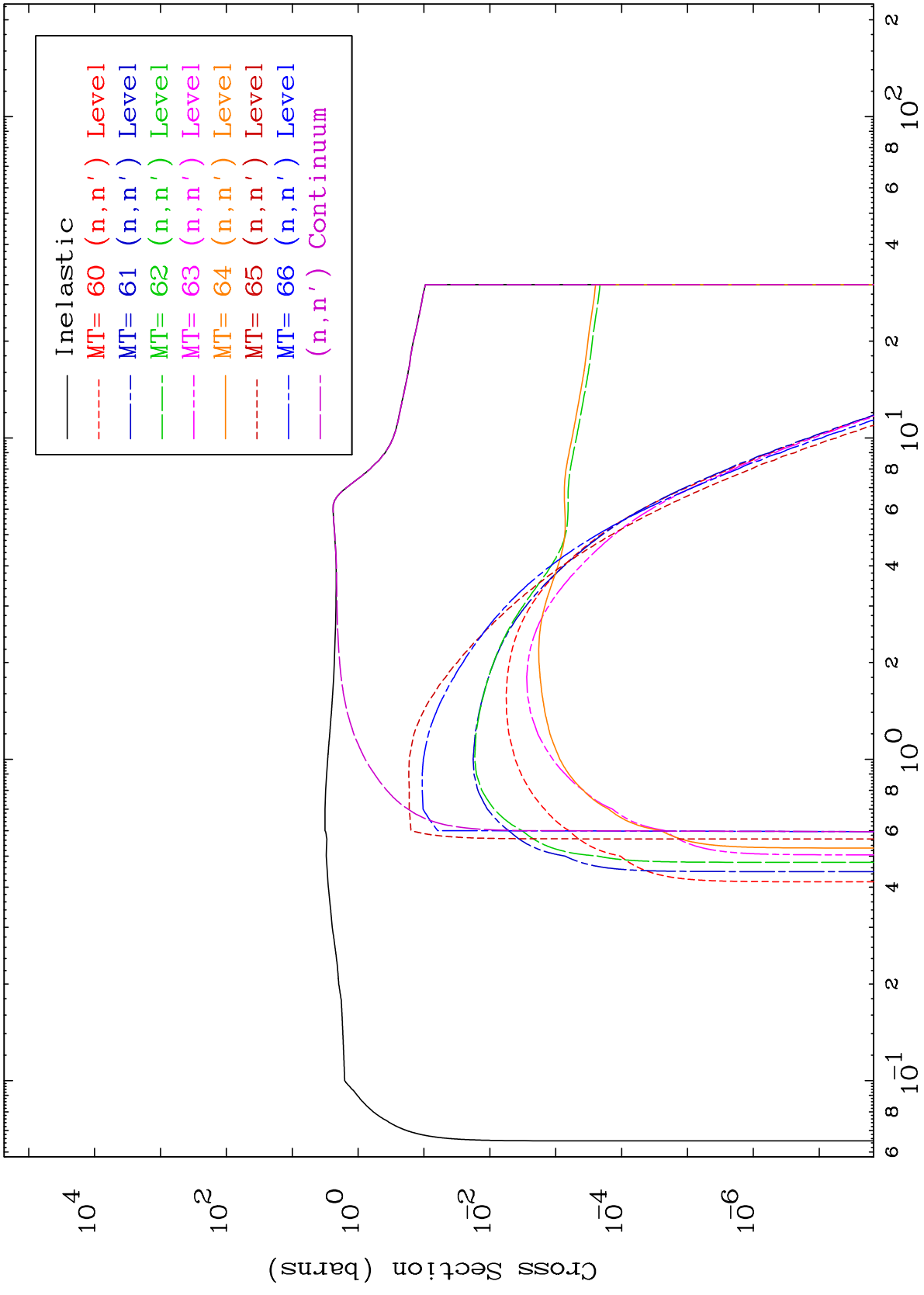


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Incident Energy (MeV)

68-Er-169

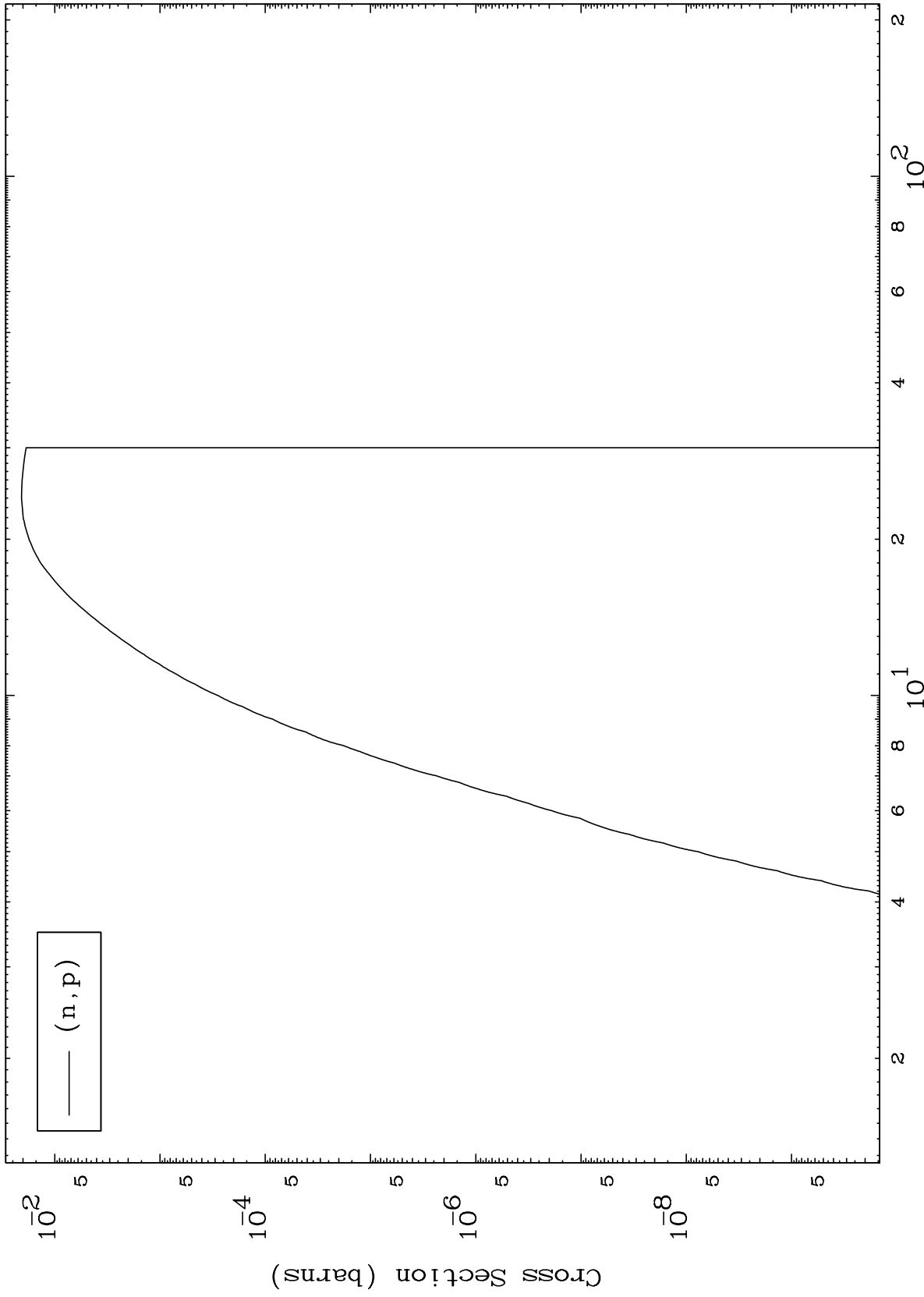




MAT 6846

(n,p) Levels
293 Kelvin Cross Sections

68-Er-169



10

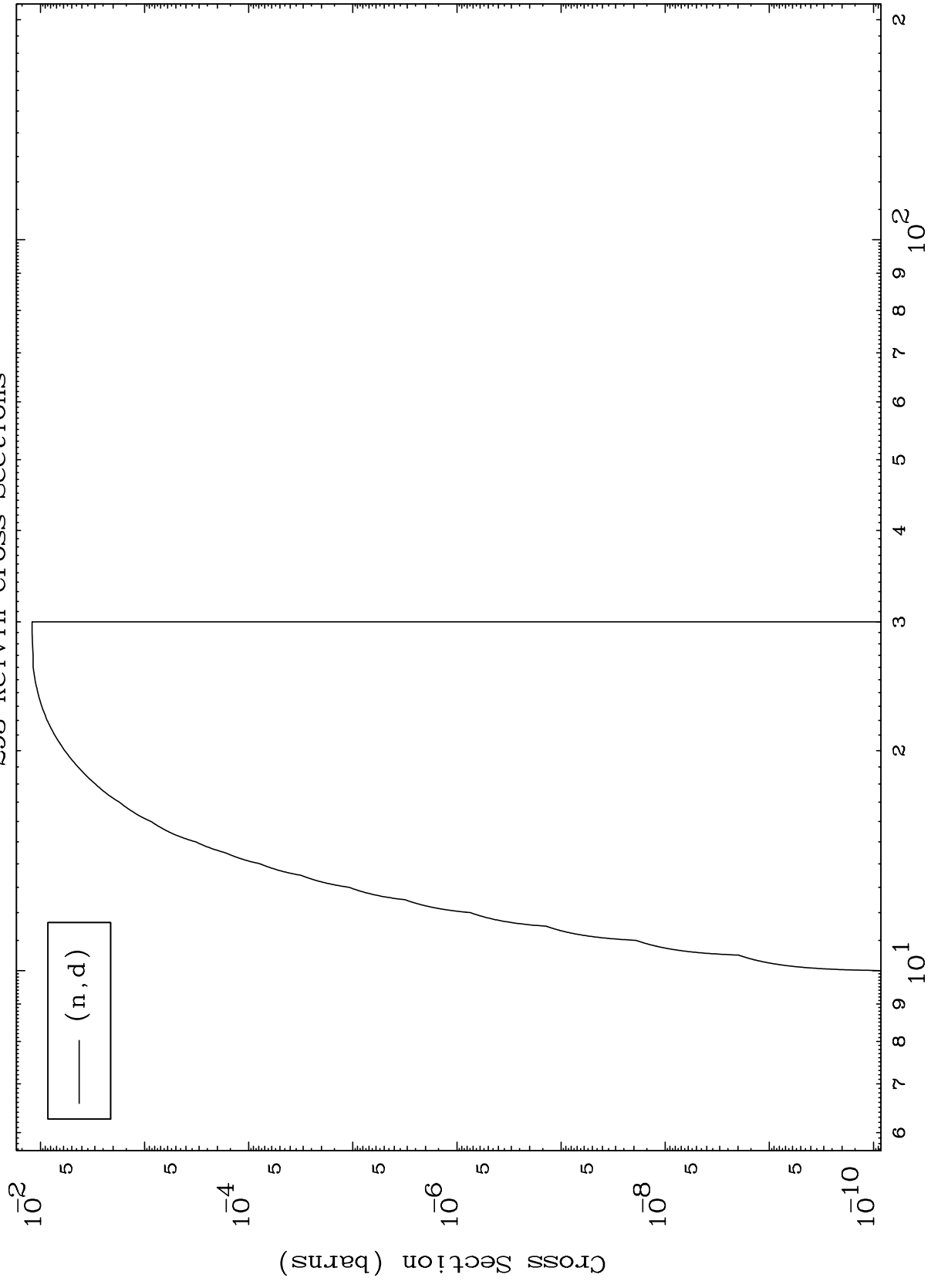
Incident Energy (MeV)

68-Er-169

MAT 6846

(n,d) Levels
293 Kelvin Cross Sections

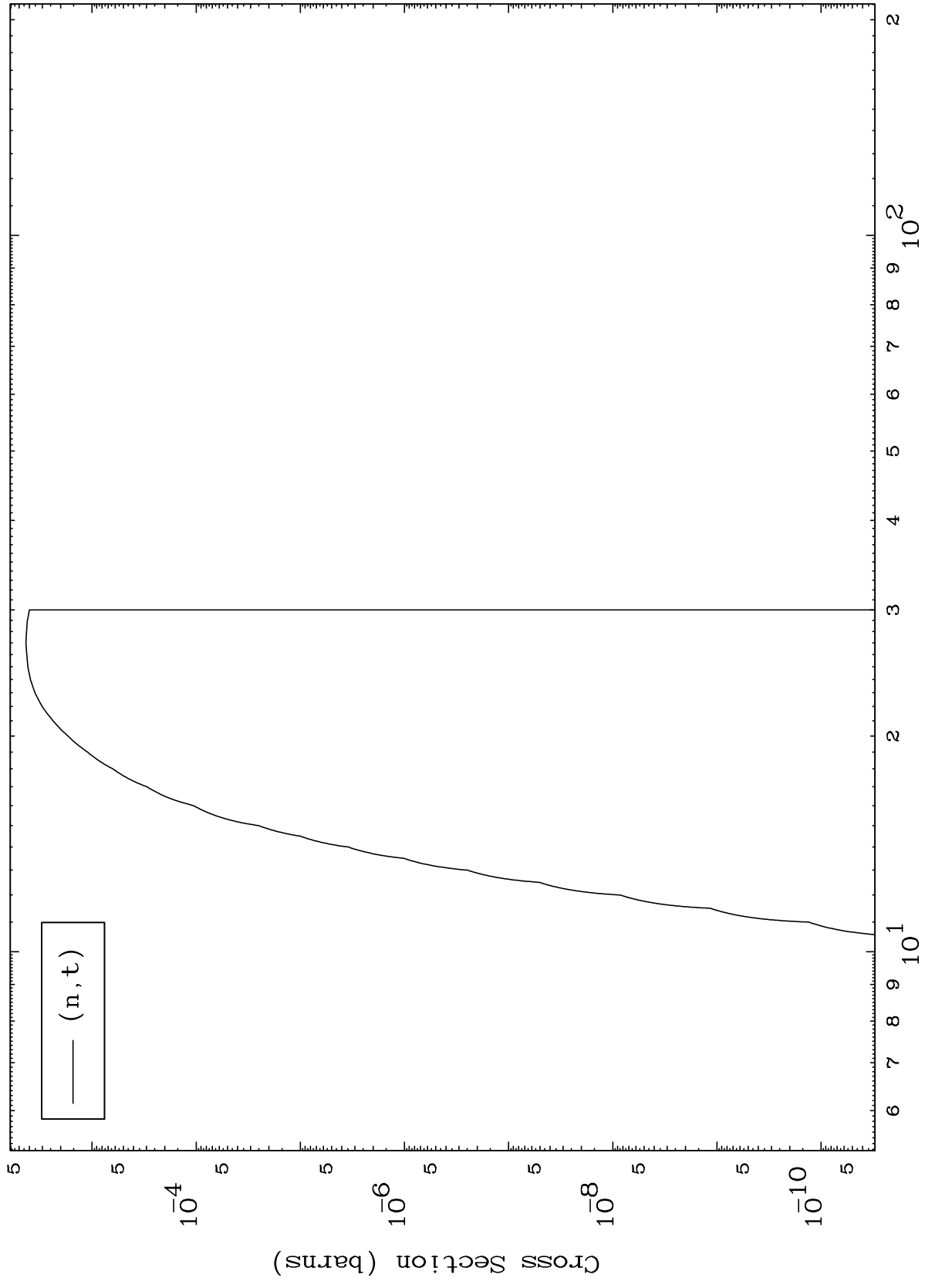
68-Er-169



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Incident Energy (MeV)

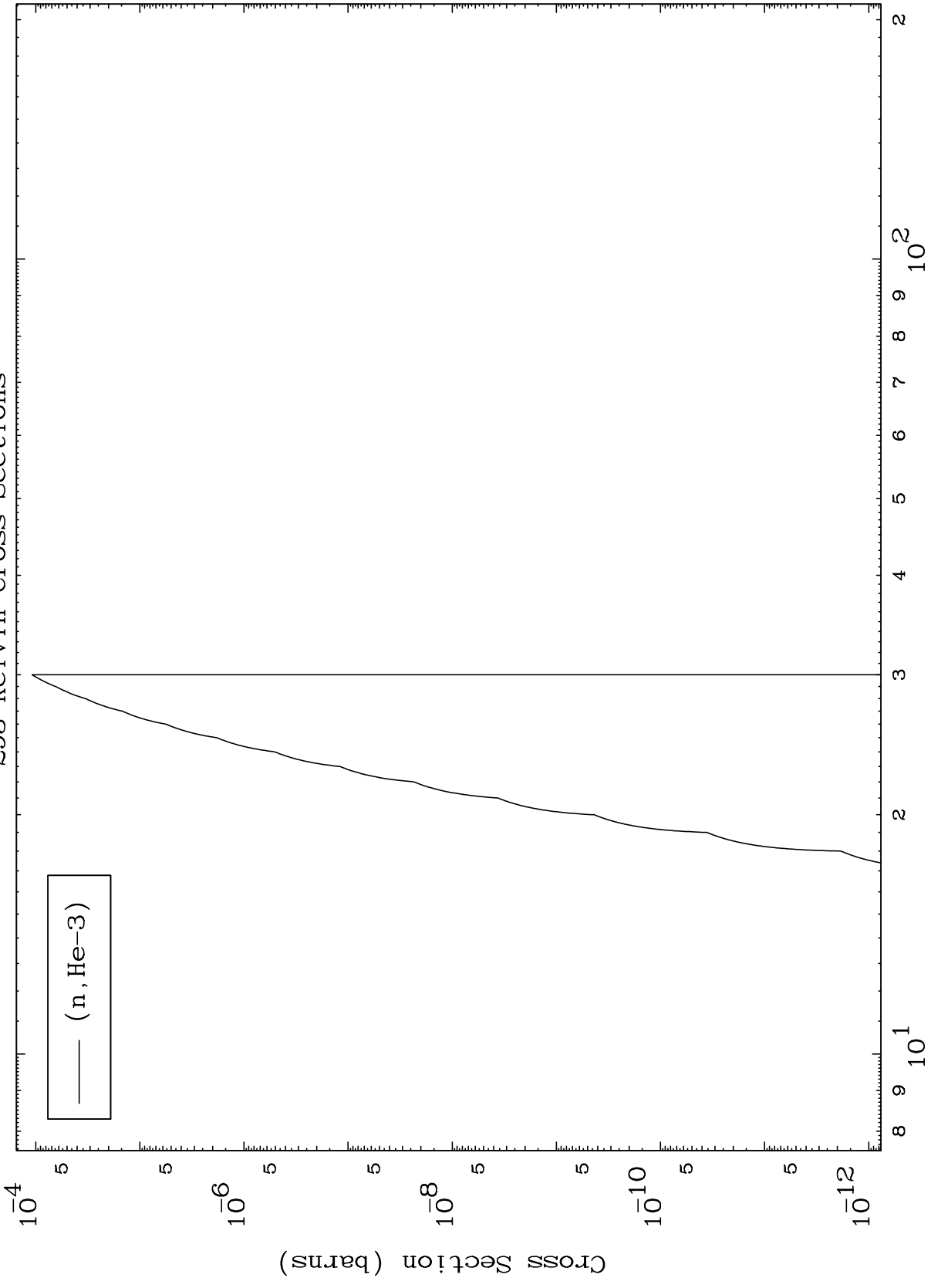
68-Er-169



MAT 6846

(n,He3) Levels
293 Kelvin Cross Sections

68-Er-169



13

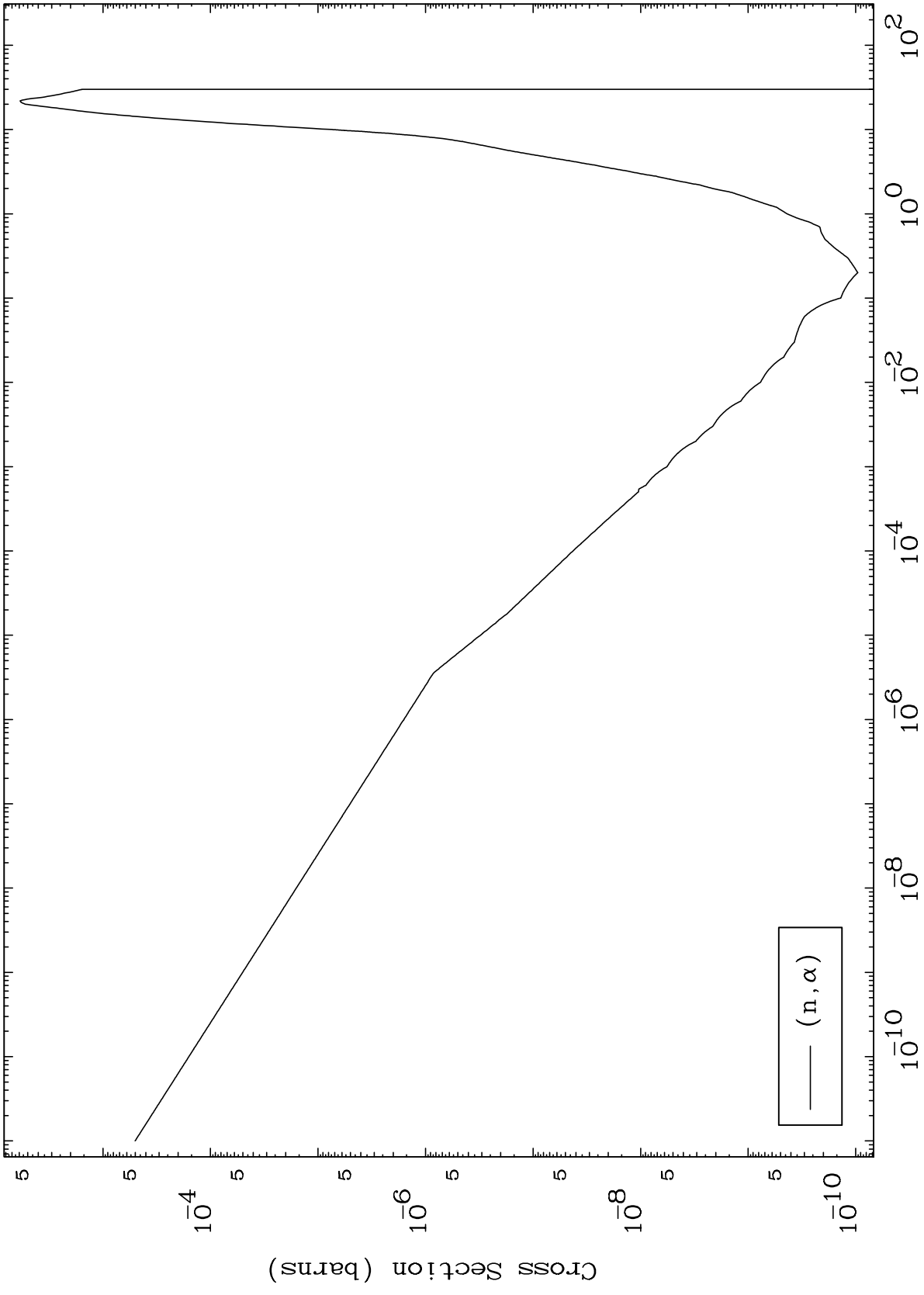
Incident Energy (MeV)

68-Er-169

MAT 6846

(n,α) Levels
293 Kelvin Cross Sections

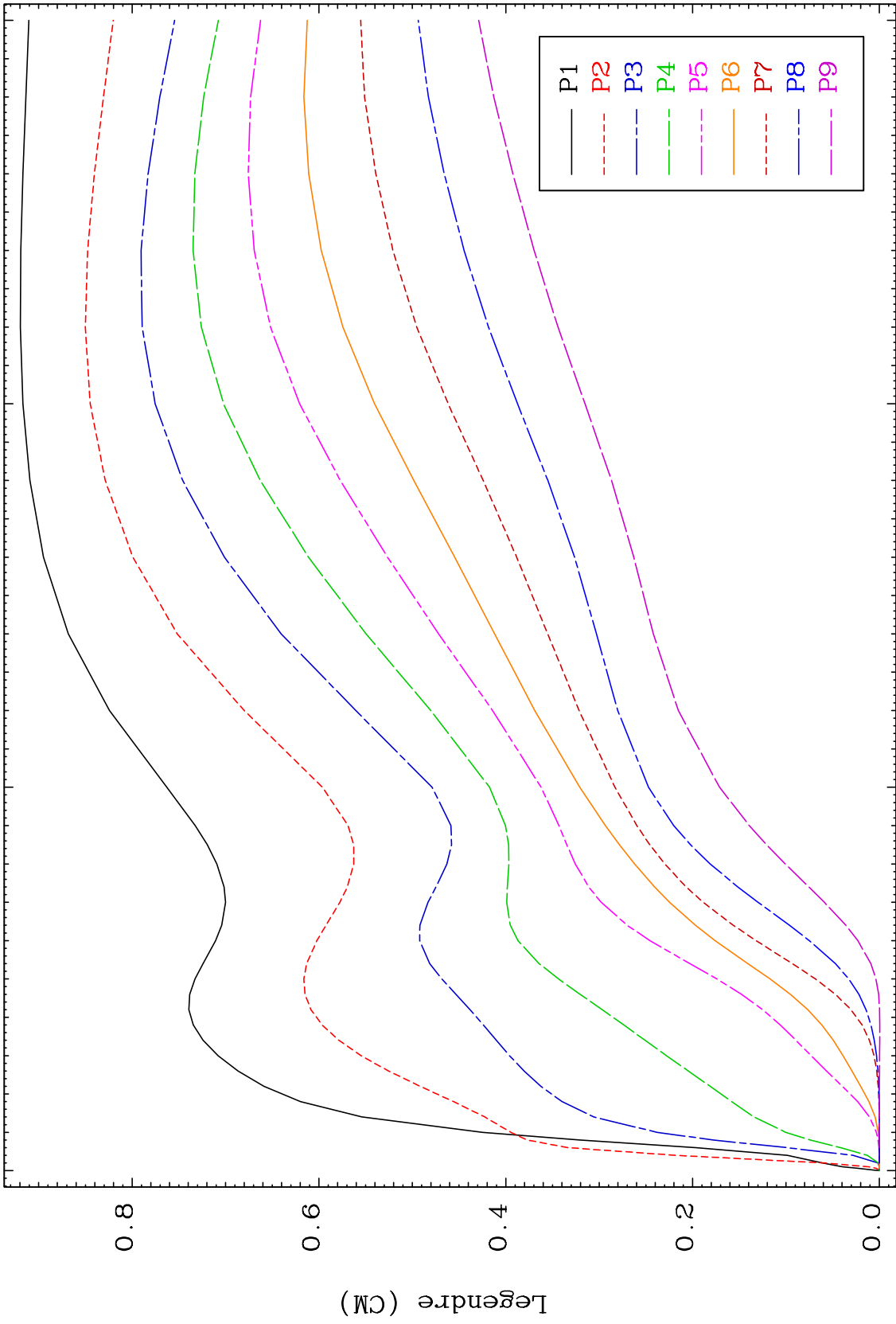
68-Er-169



MAT 6846

68-Er-169

Elastic Legendre Coefficients



0

15

10

20

30

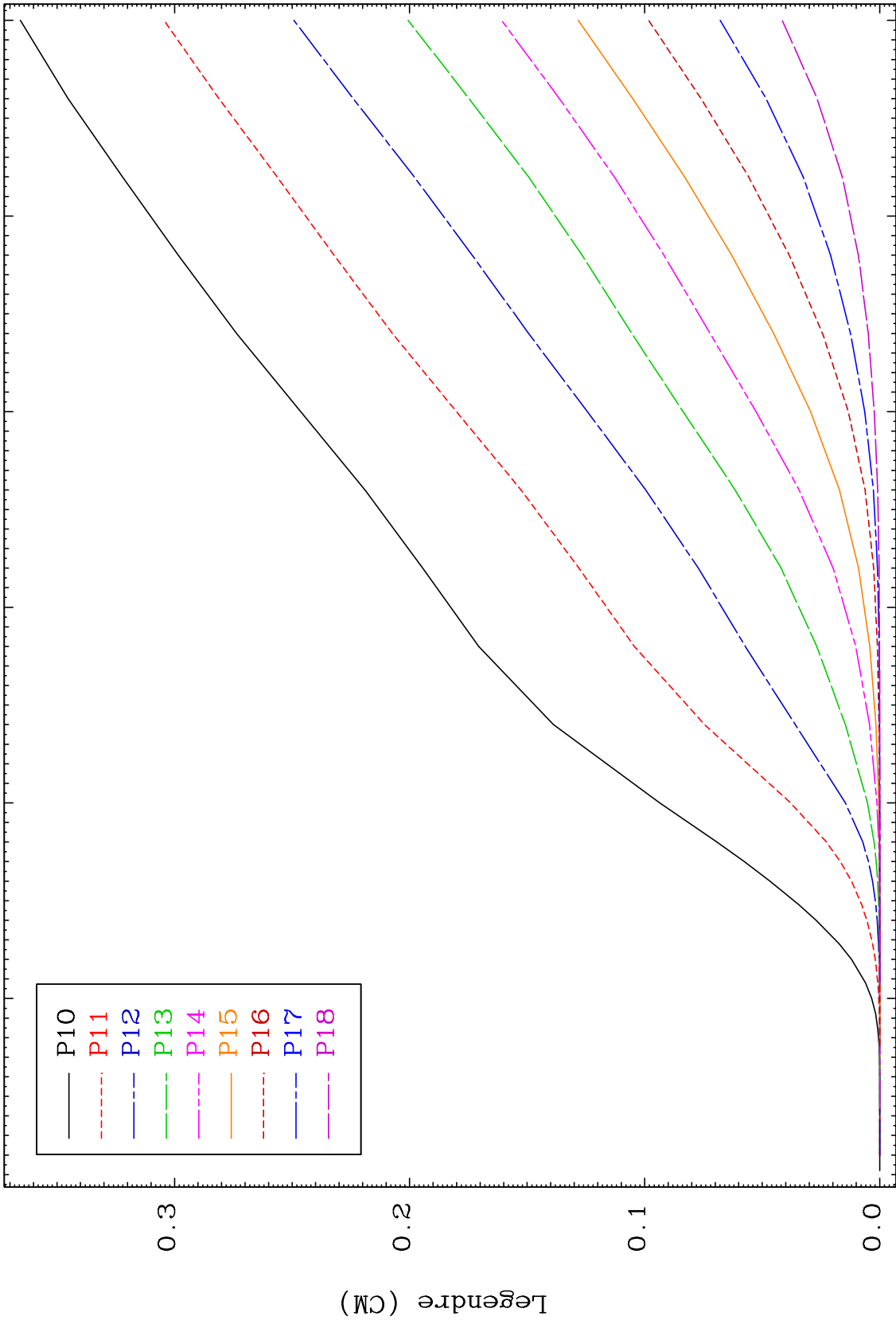
Incident Energy (MeV)

68-Er-169

MAT 6846

Elastic Legendre Coefficients

68-Er-169



16

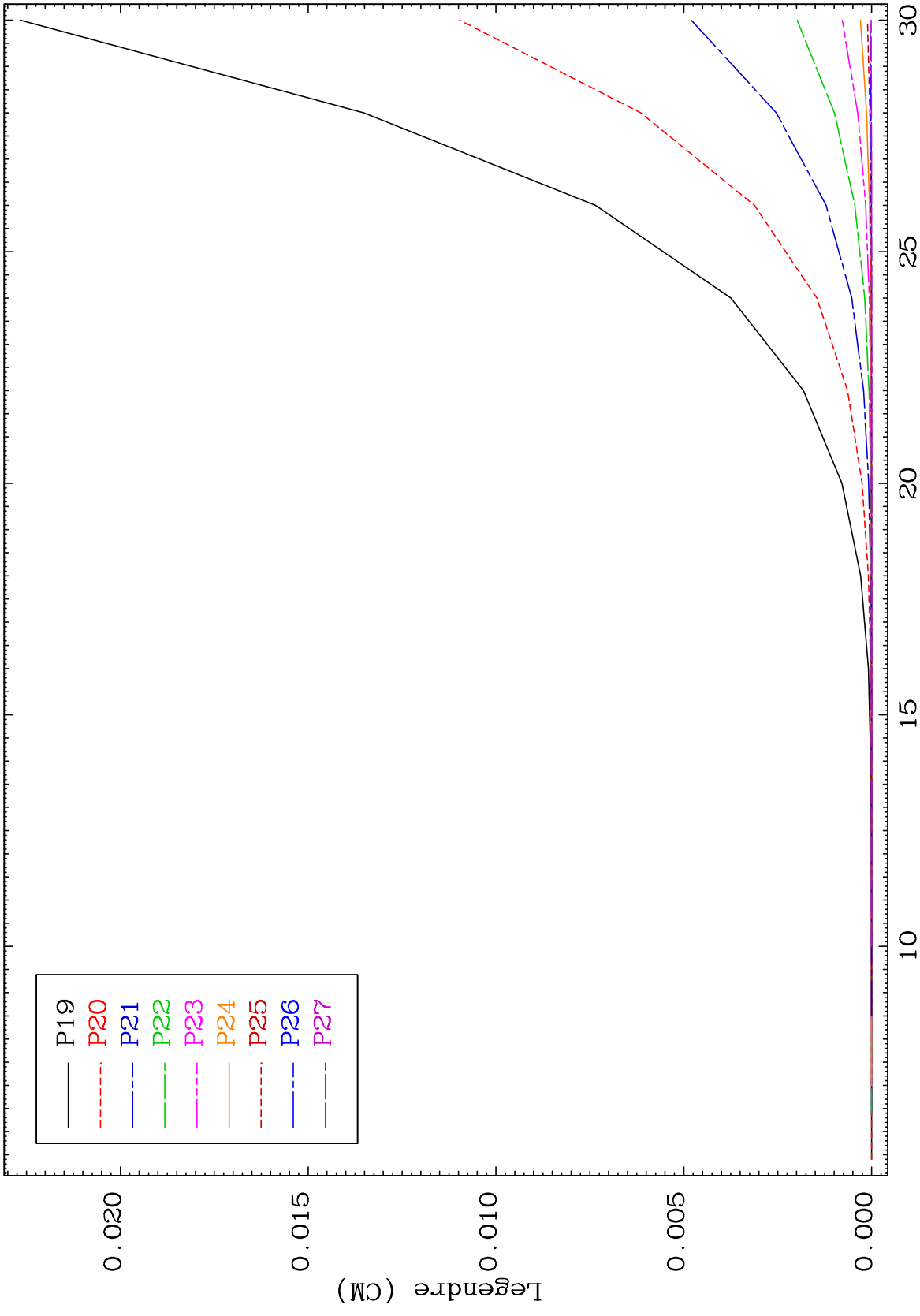
Incident Energy (MeV)

68-Er-169

MAT 6846

Elastic Legendre Coefficients

68-Er-169



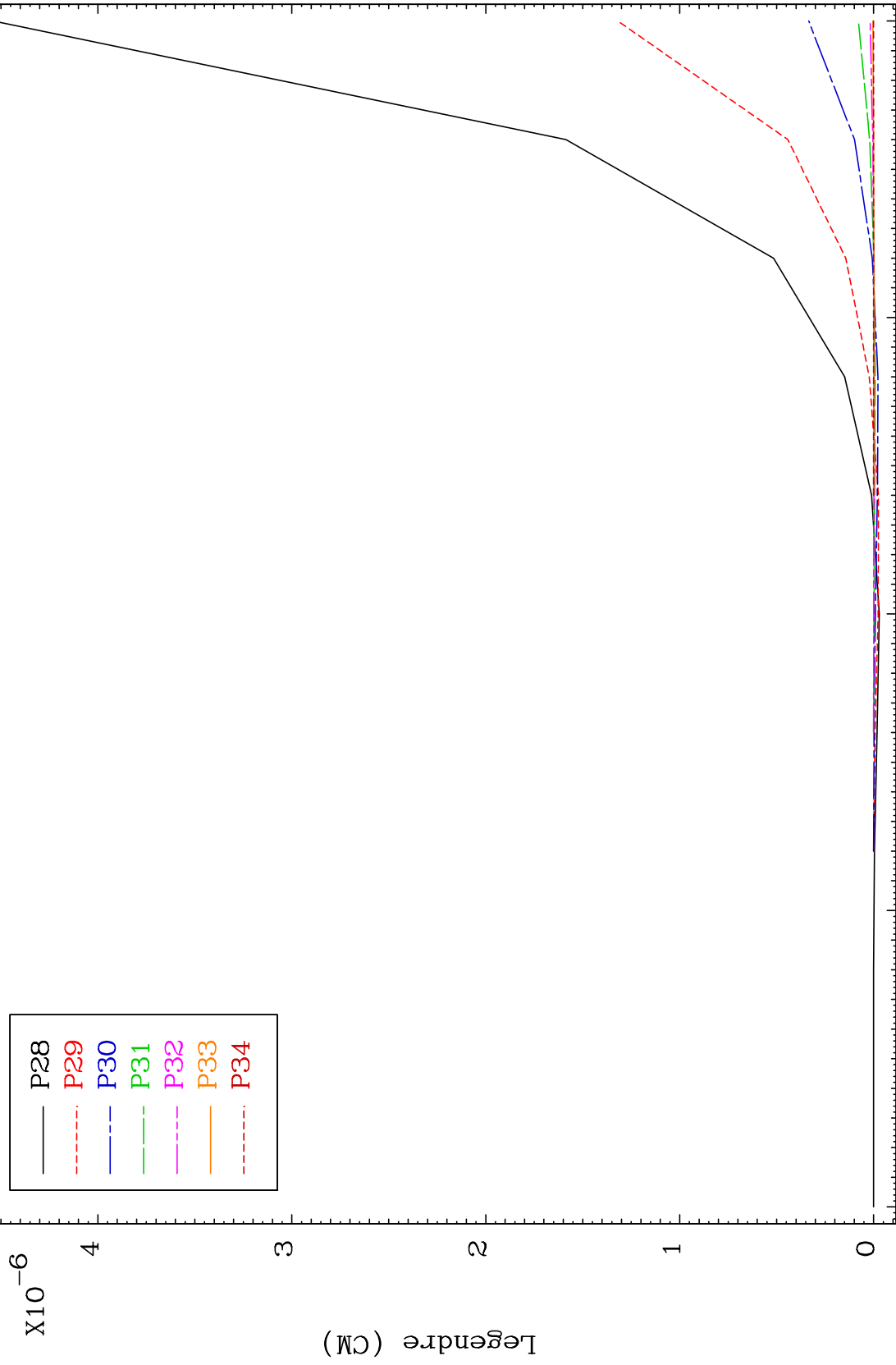
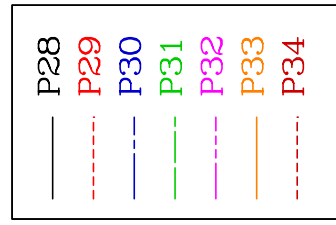
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68-Er-169

MAT 6846

Elastic Legendre Coefficients

68-Er-169



18

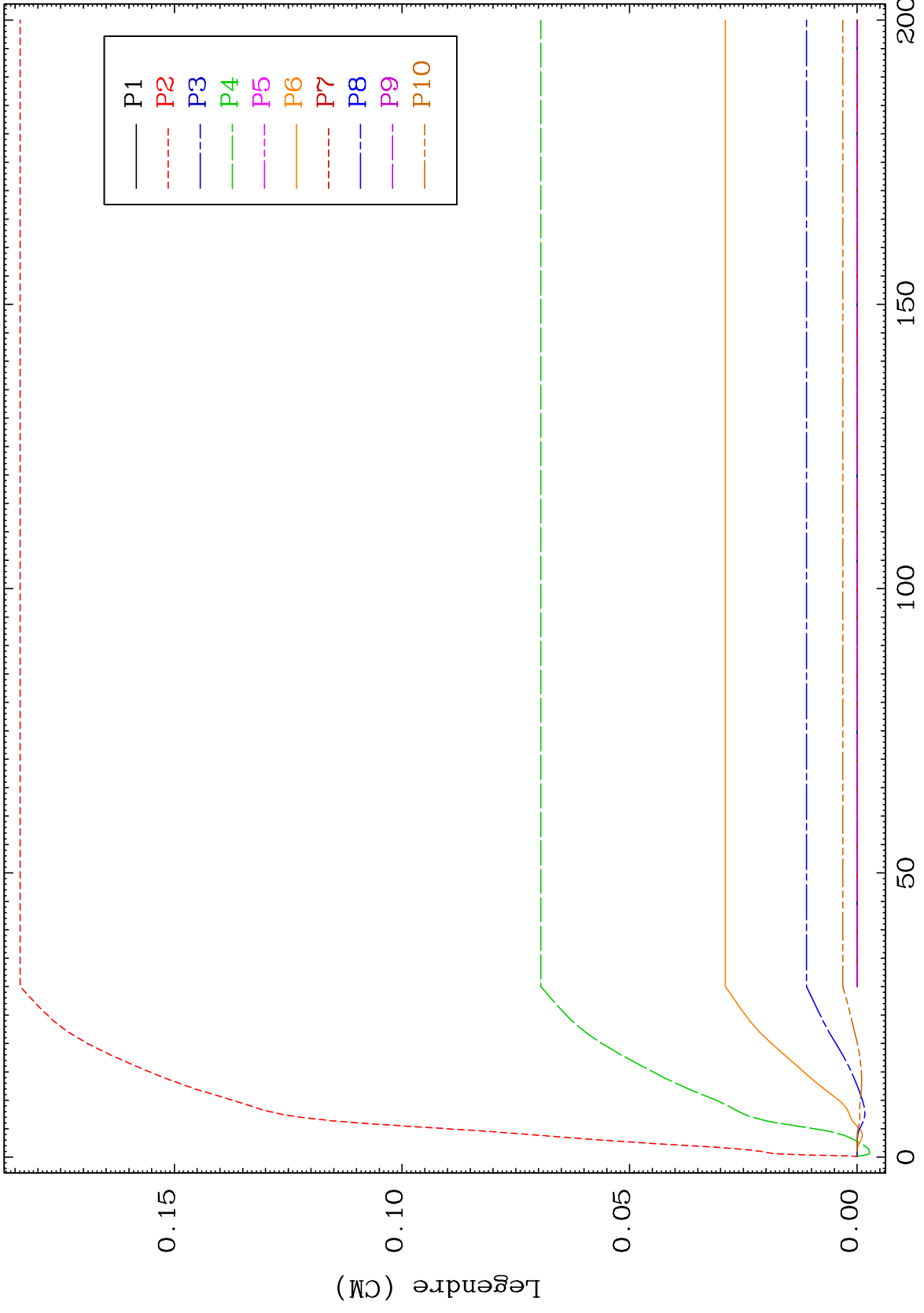
Incident Energy (MeV)

68-Er-169

MAT 6846

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

68-Er-169



19

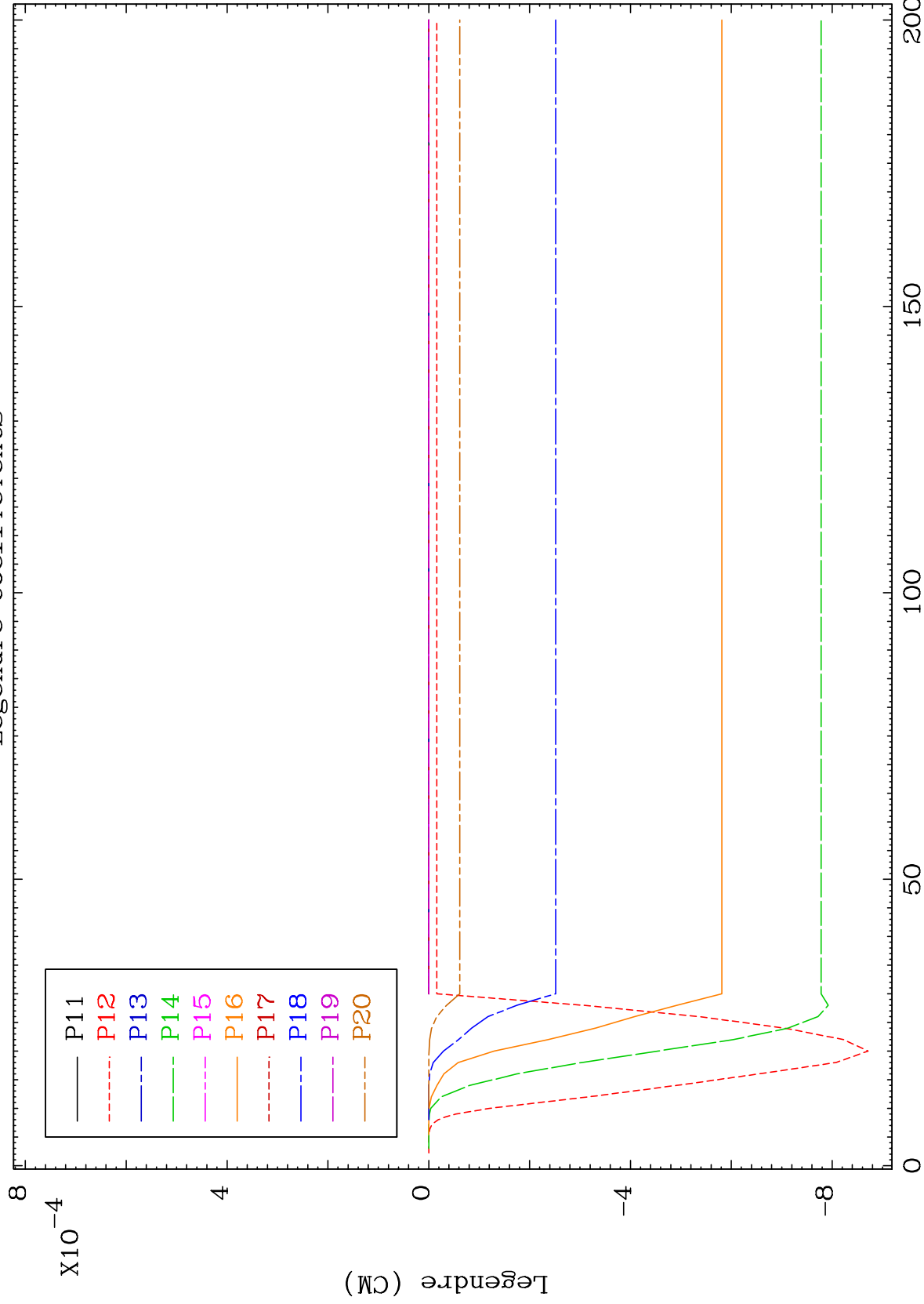
Incident Energy (MeV)

68-Er-169

MAT 6846

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

68-Er-169



20

50

100

150

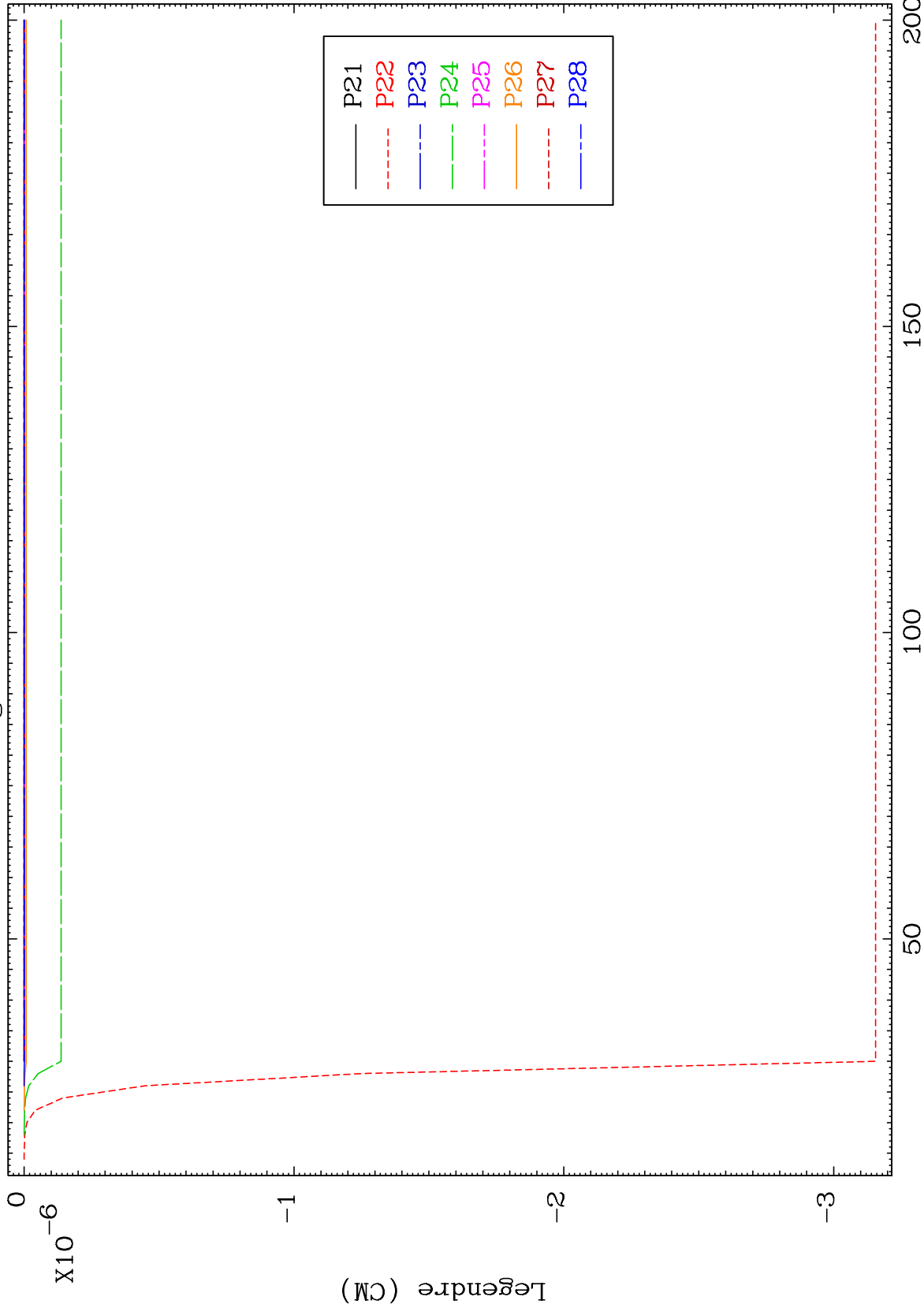
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68-Er-169

MAT 6846

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

68-Er-169



21

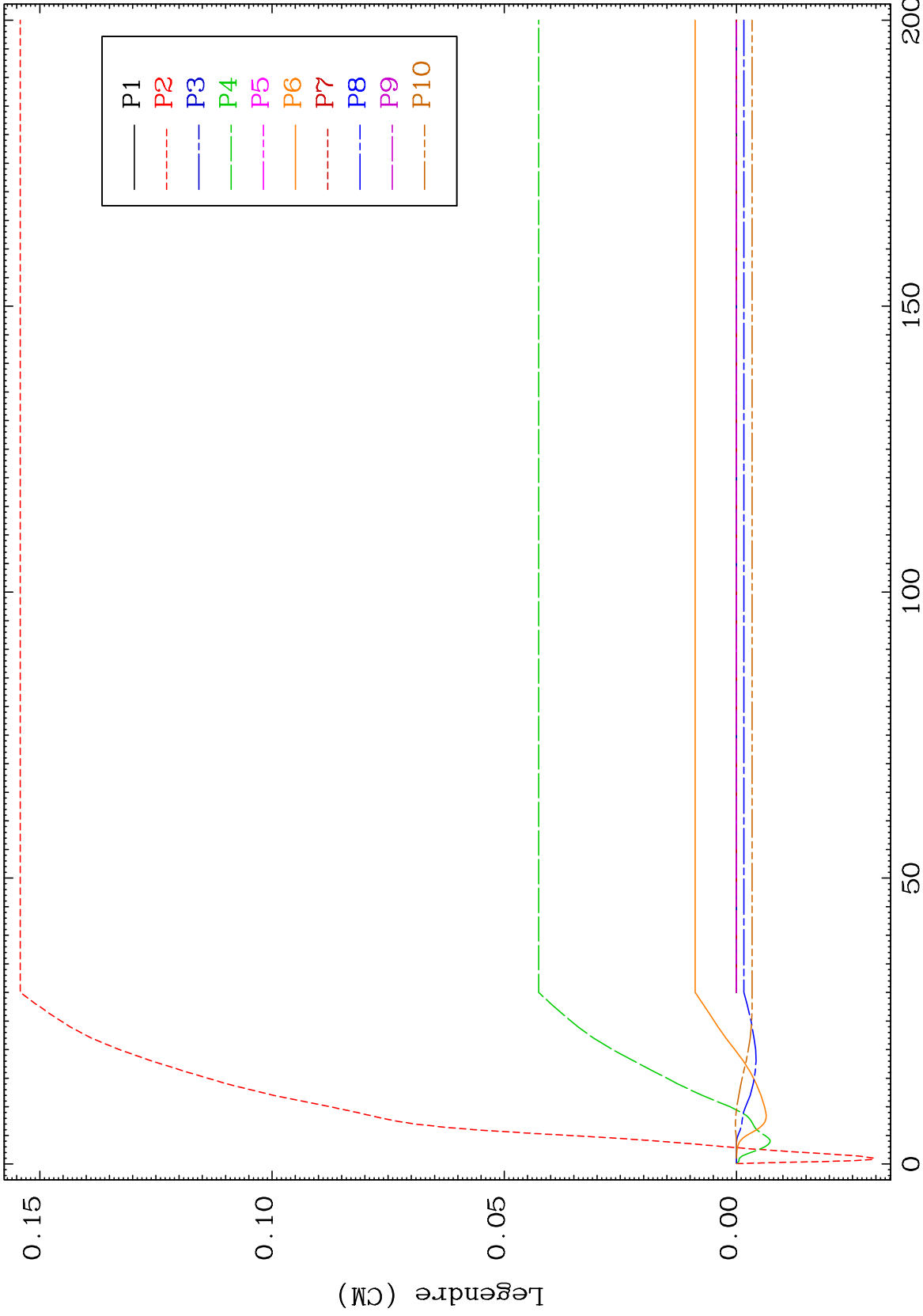
Incident Energy (MeV)

68-Er-169

MAT 6846

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

68-Er-169



22

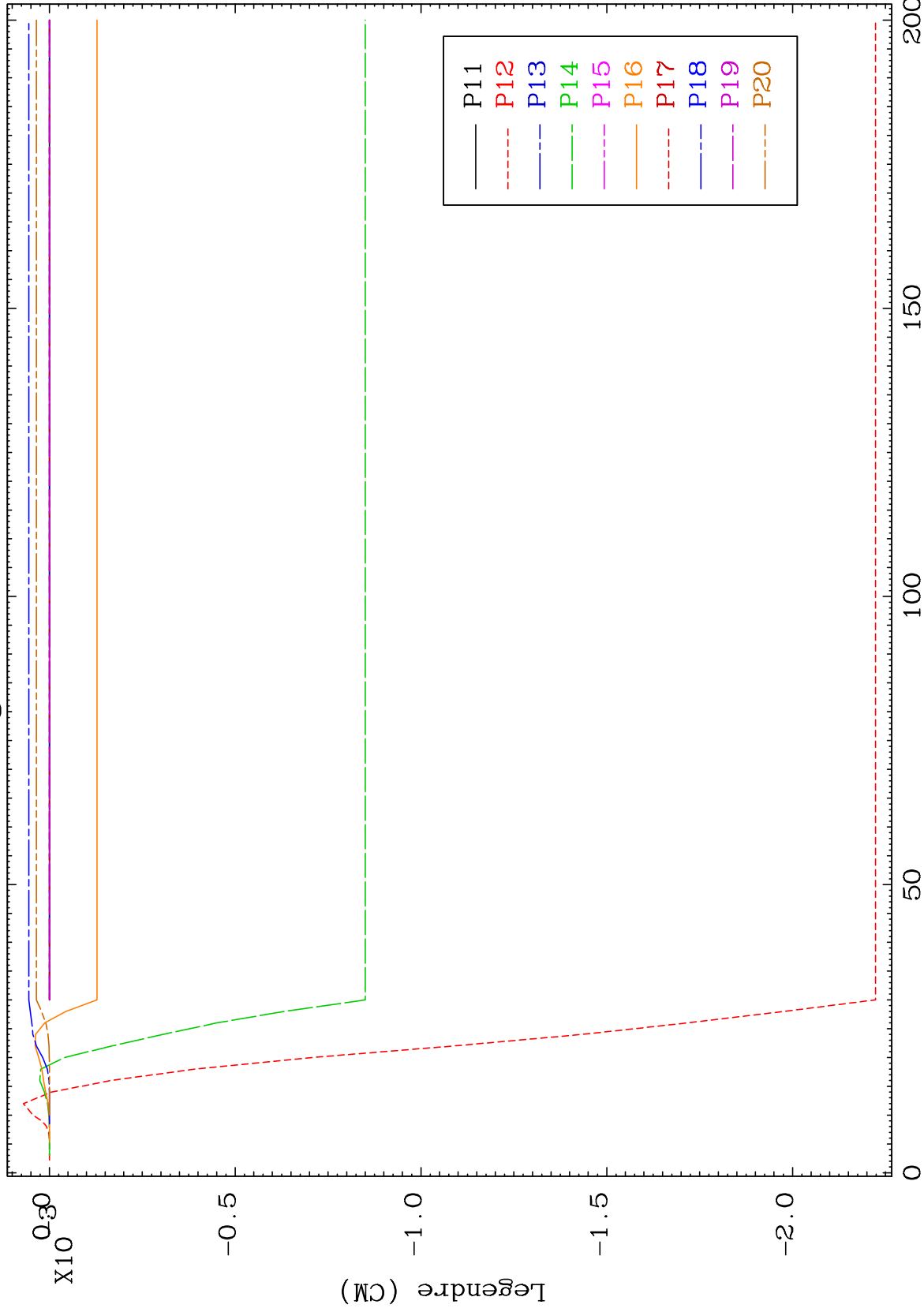
Incident Energy (MeV)

68-Er-169

MAT 6846

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

68-Er-169



23

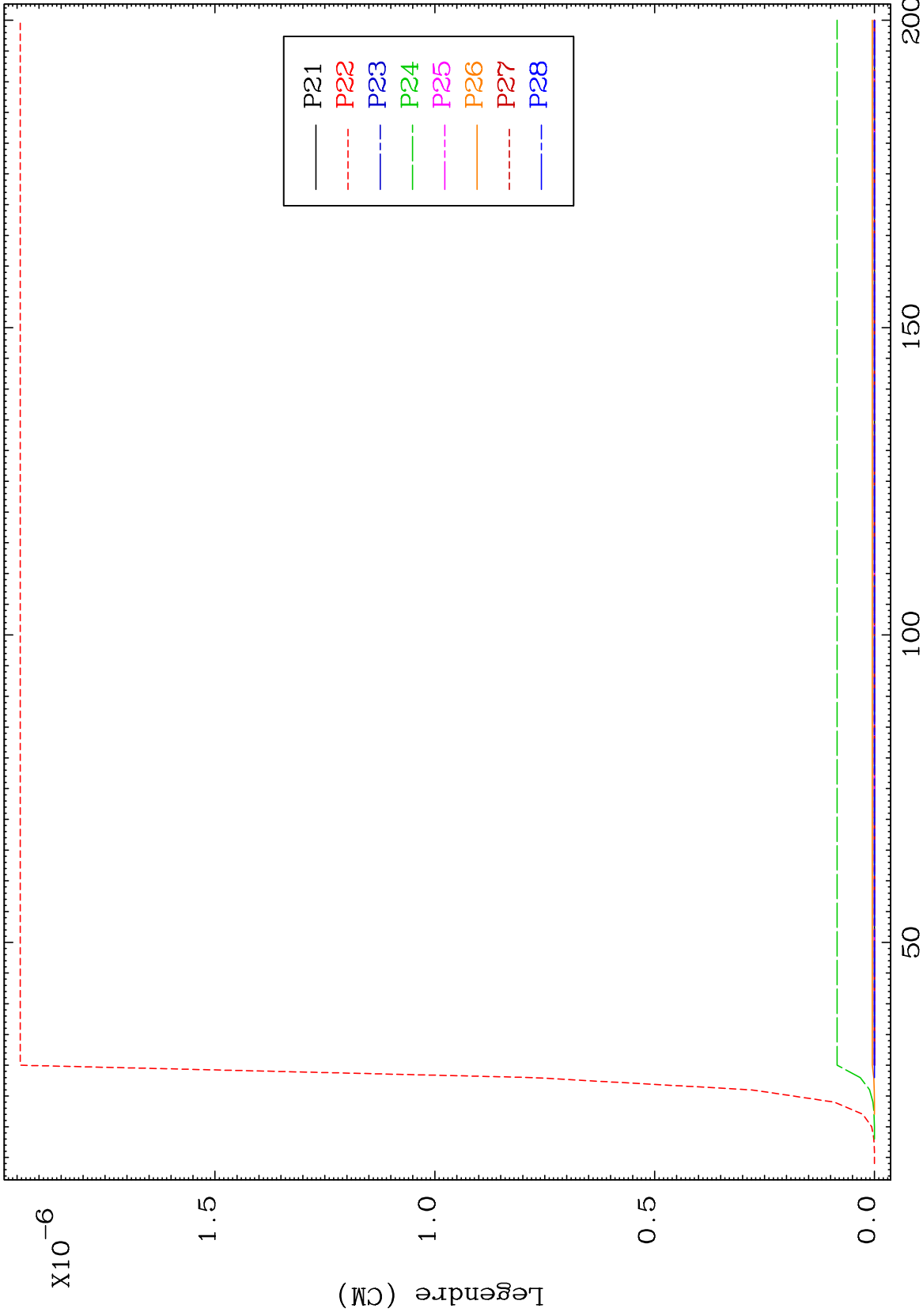
Incident Energy (MeV)

68-Er-169

MAT 6846

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

68-Er-169



24

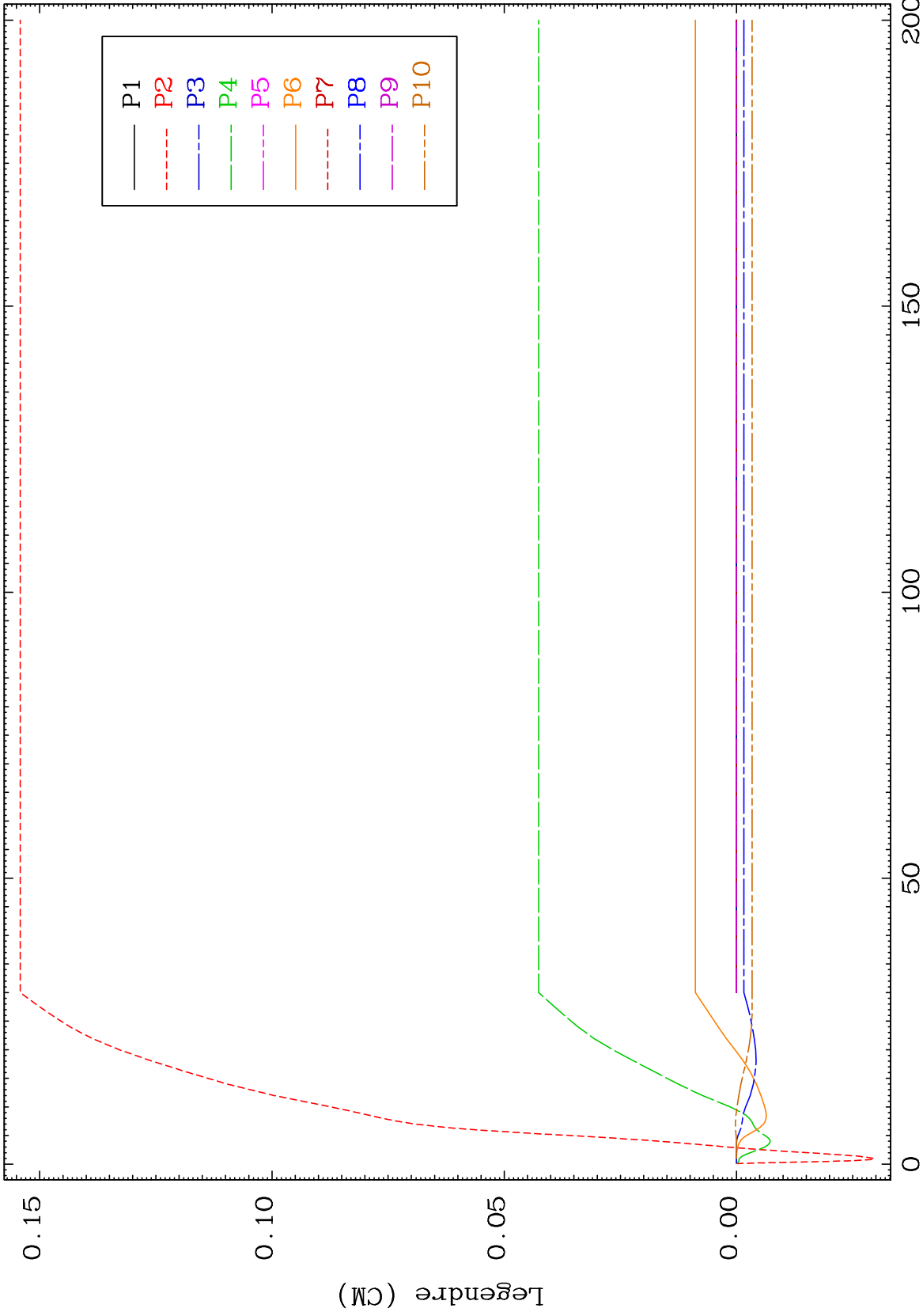
Incident Energy (MeV)

68-Er-169

MAT 6846

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

68-Er-169



25

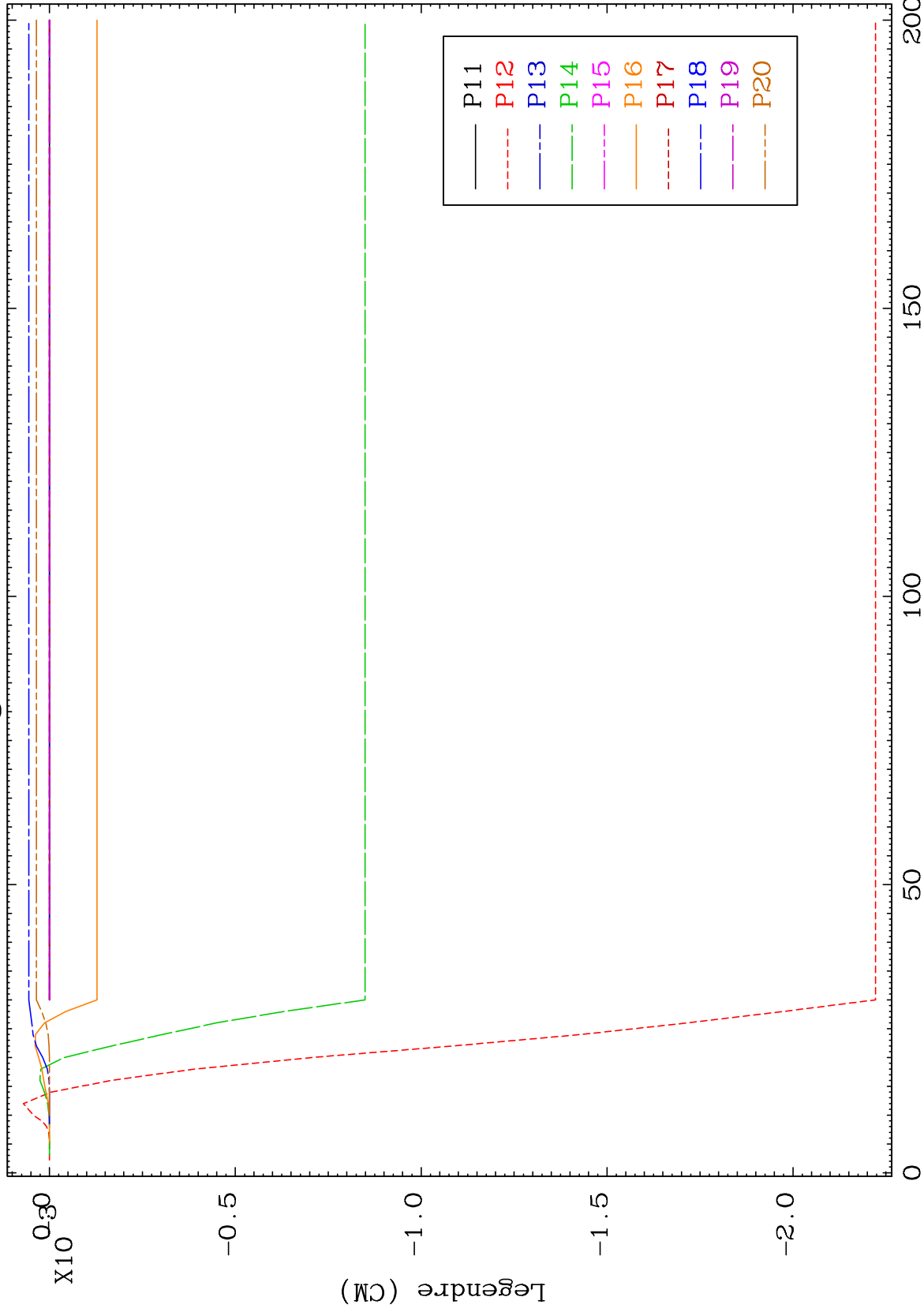
Incident Energy (MeV)

68-Er-169

MAT 6846

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

68-Er-169



26

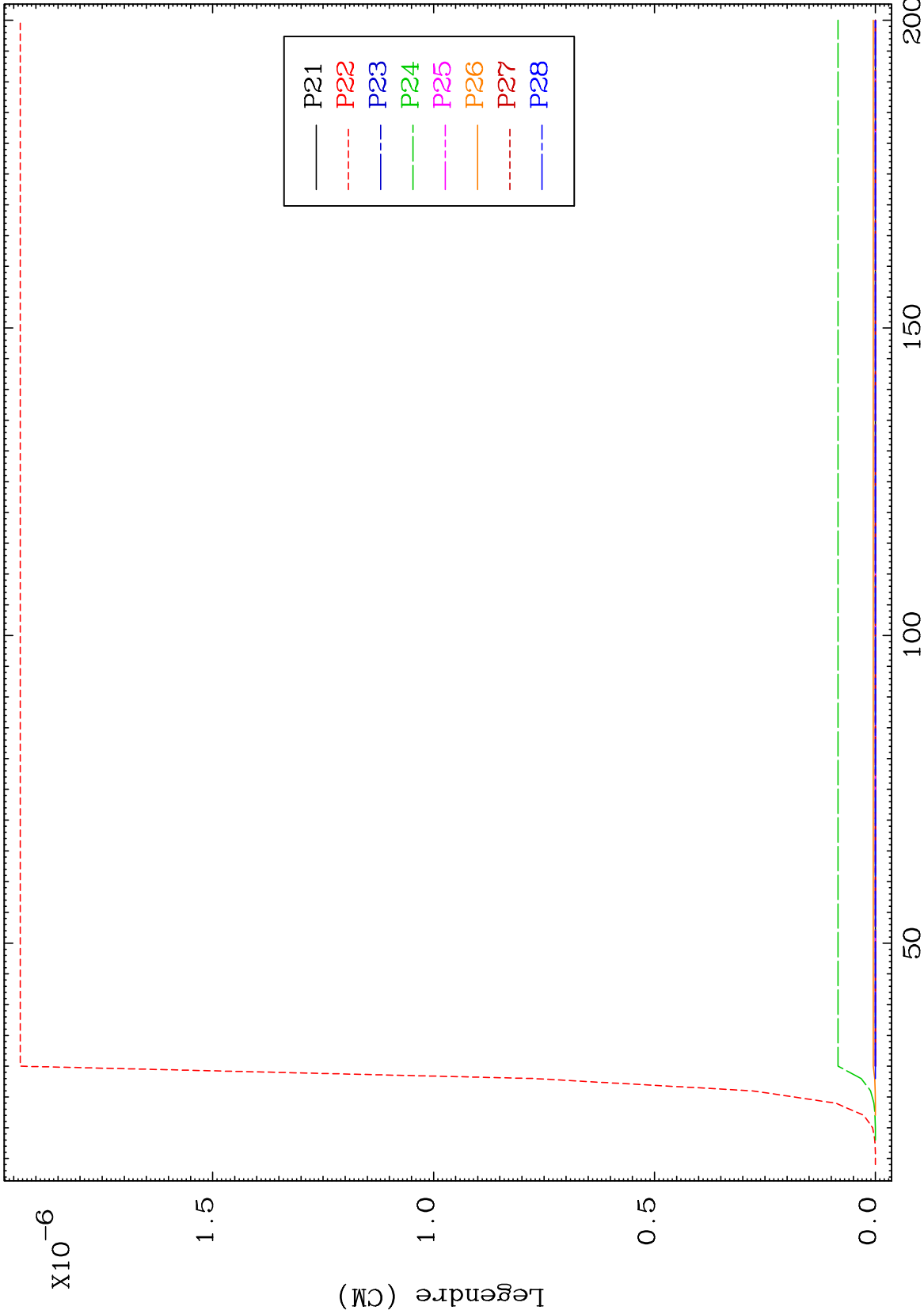
Incident Energy (MeV)

68-Er-169

MAT 6846

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

68-Er-169



27

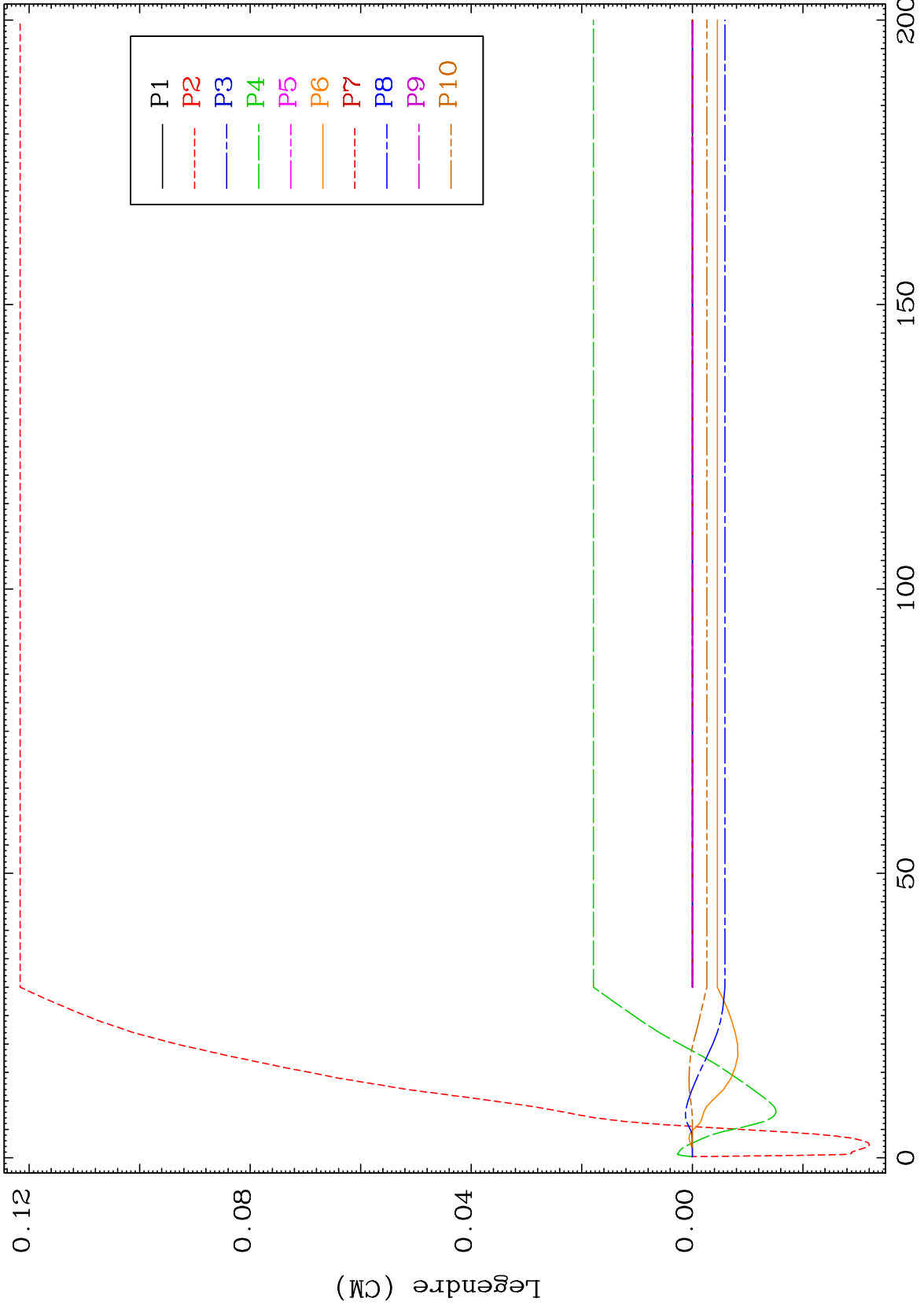
Incident Energy (MeV)

68-Er-169

MAT 6846

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

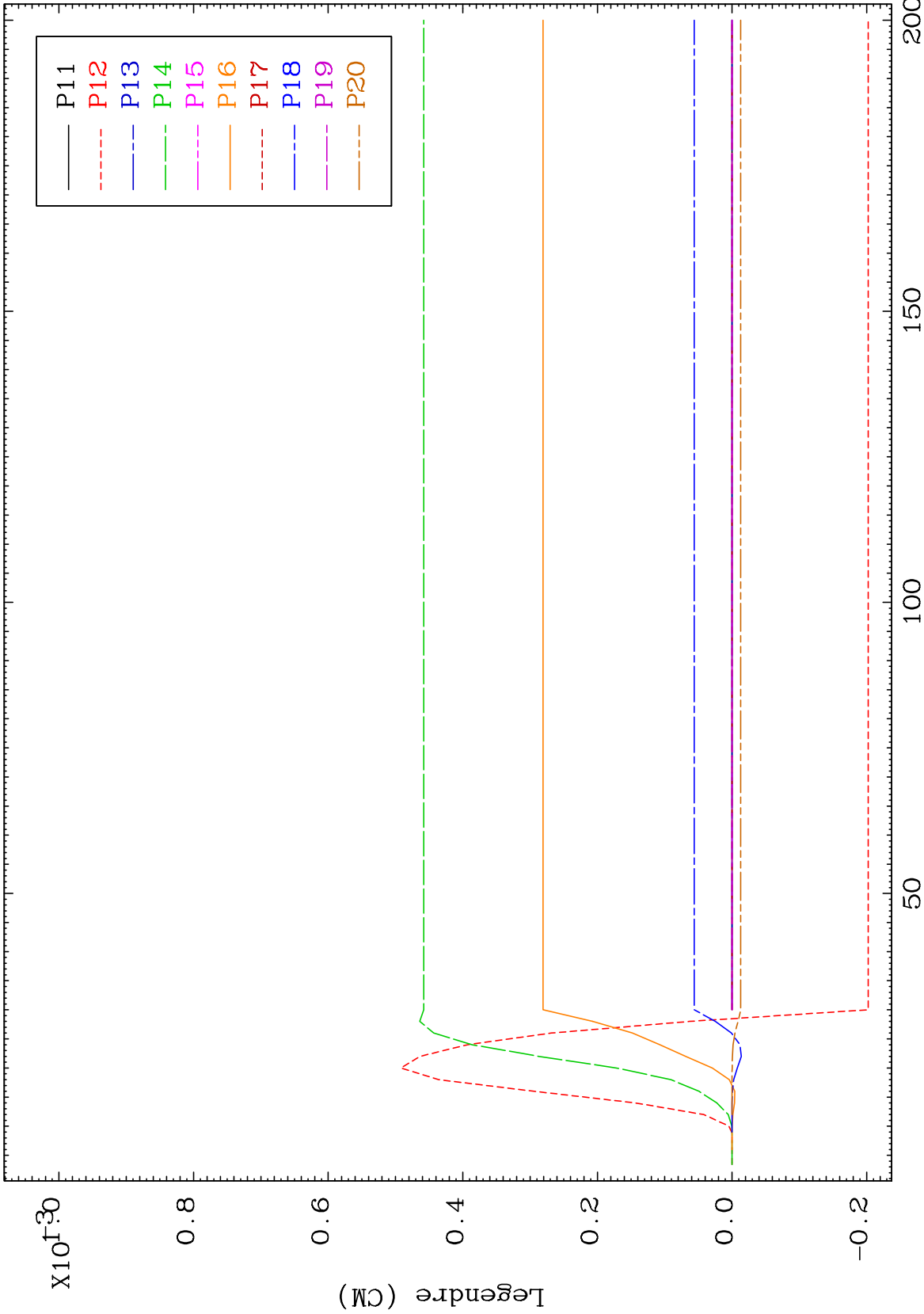
68-Er-169



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Incident Energy (MeV)

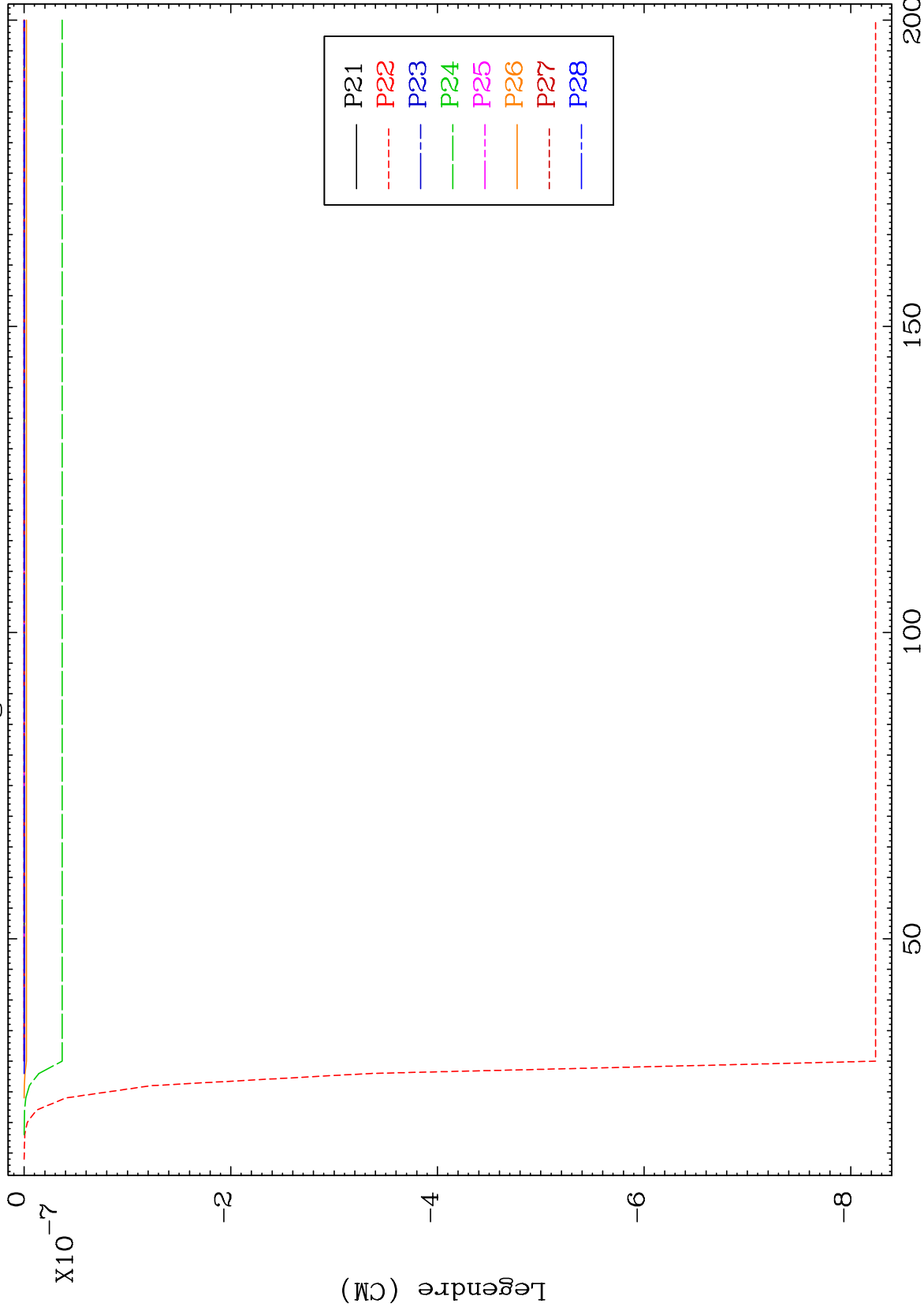
68-Er-169



MAT 6846

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

68-Er-169



30

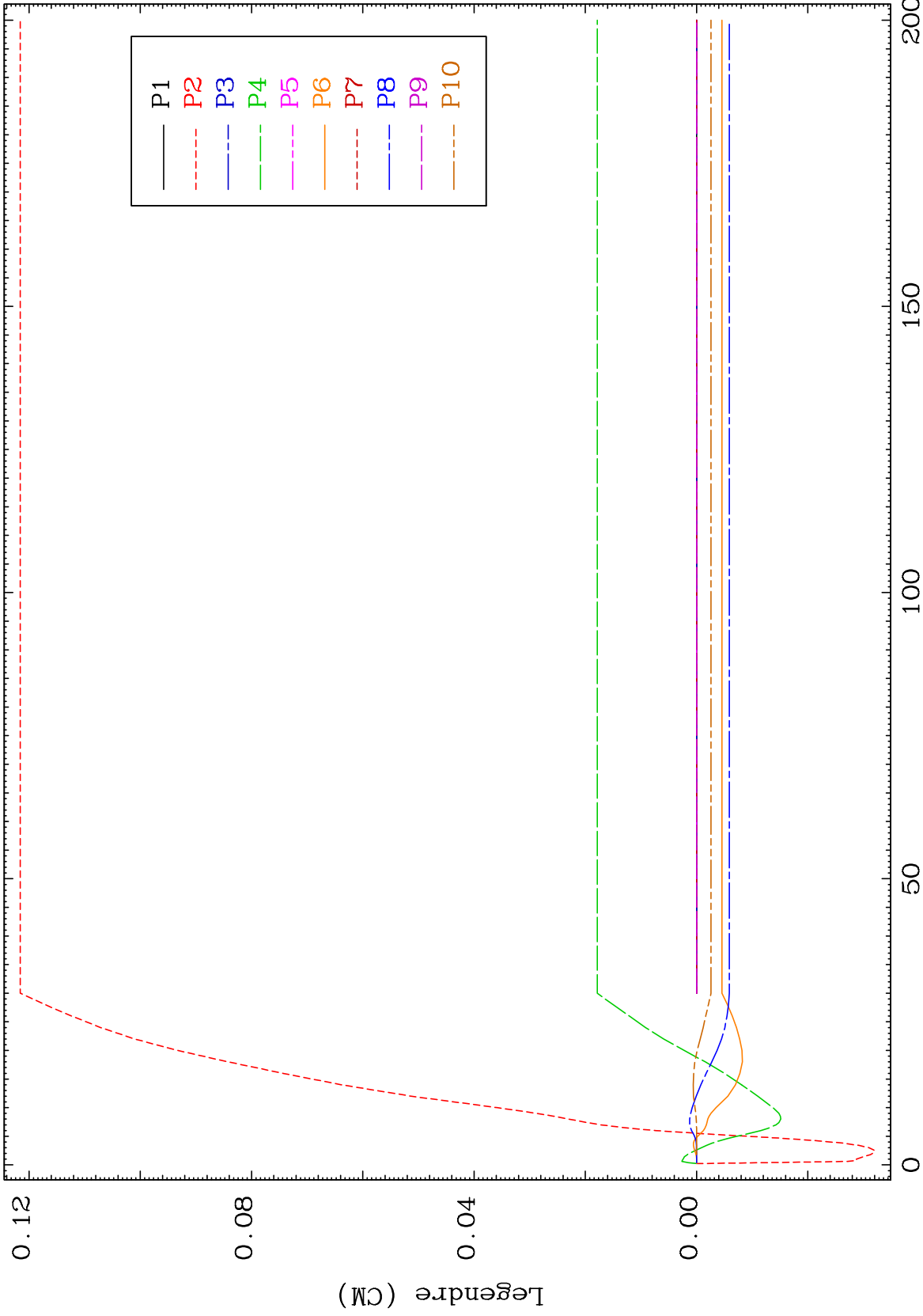
Incident Energy (MeV)

68-Er-169

MAT 6846

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

68-Er-169



31

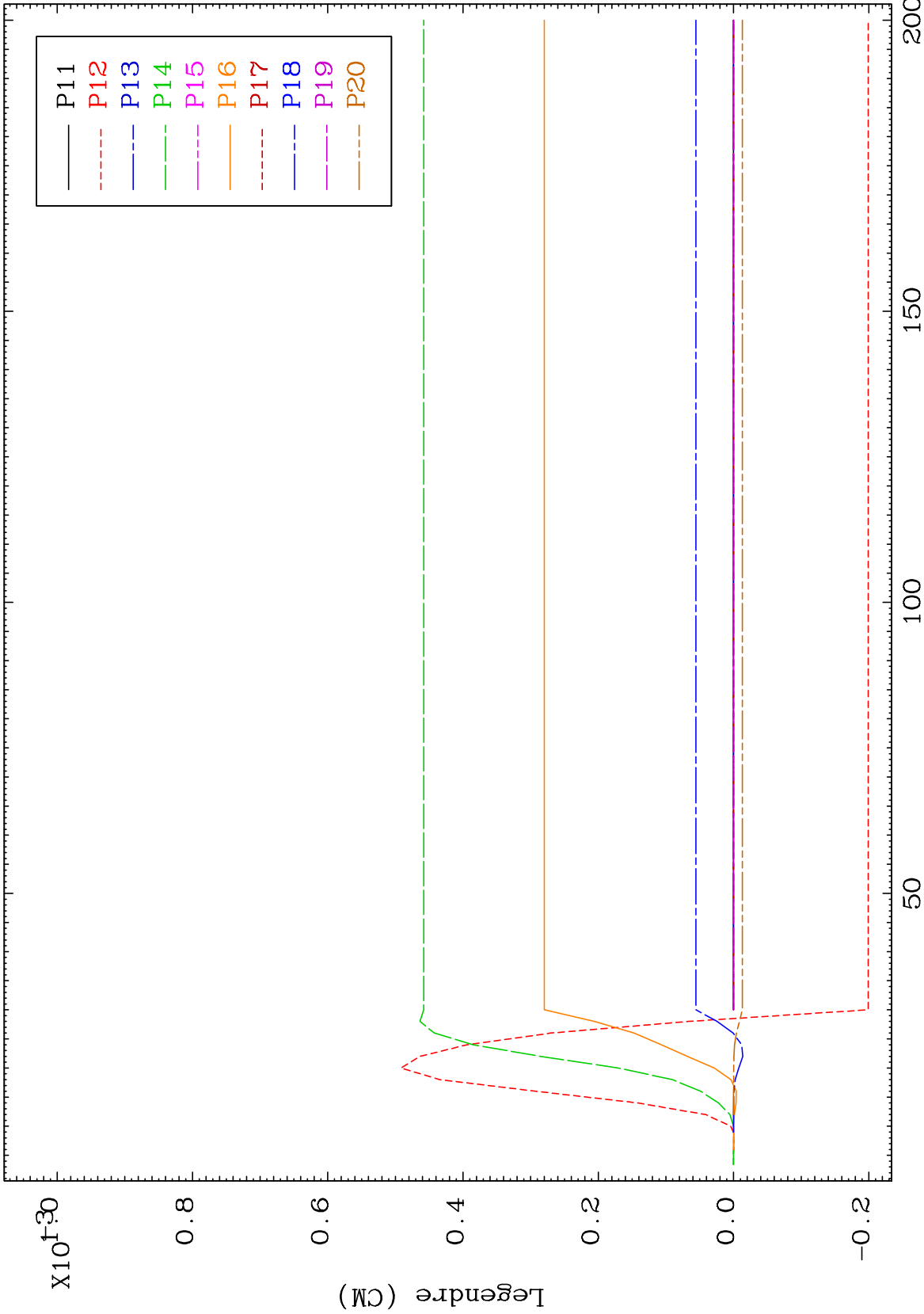
Incident Energy (MeV)

68-Er-169

MAT 6846

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

68-Er-169



32

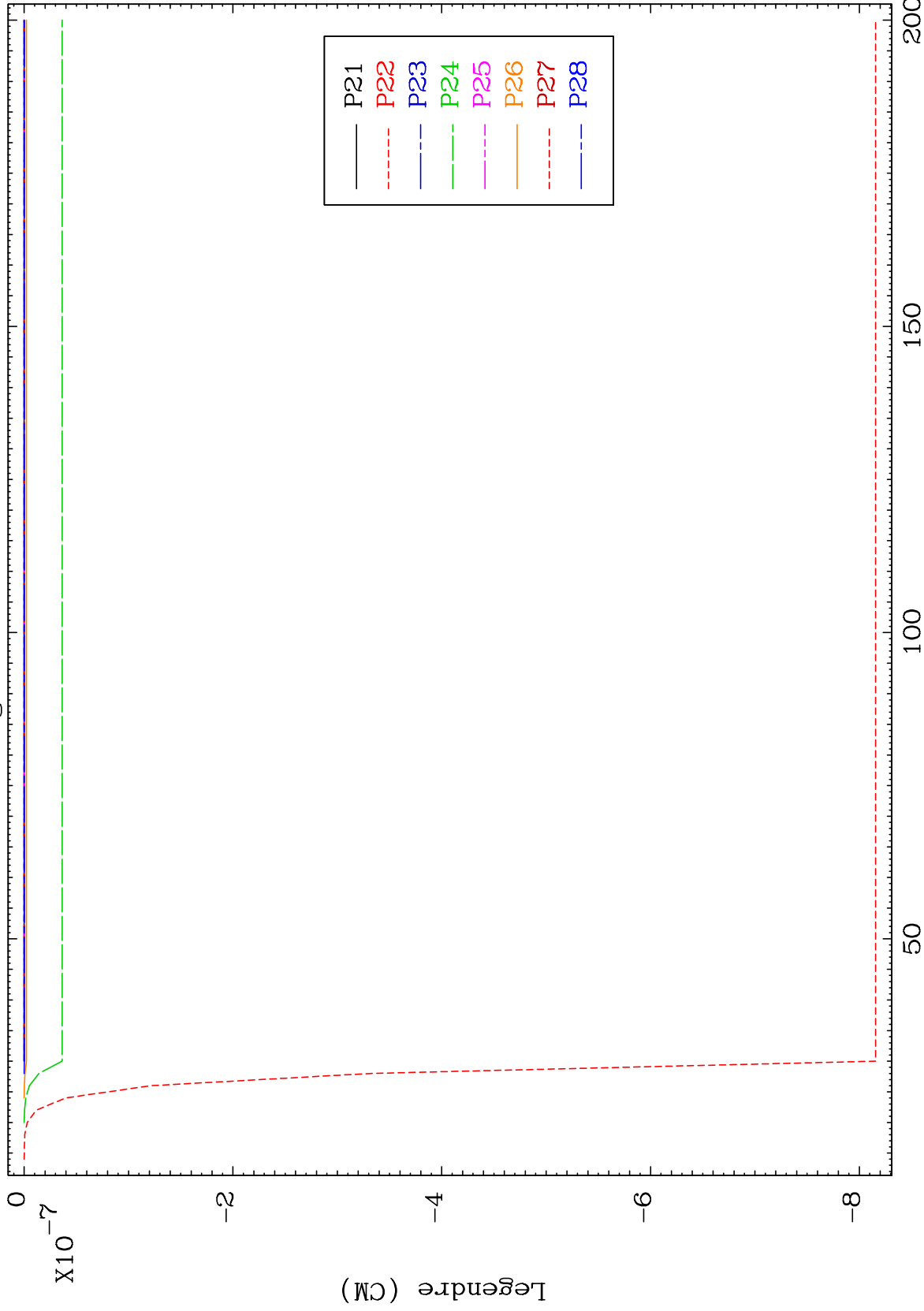
Incident Energy (MeV)

68-Er-169

MAT 6846

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

68-Er-169



33

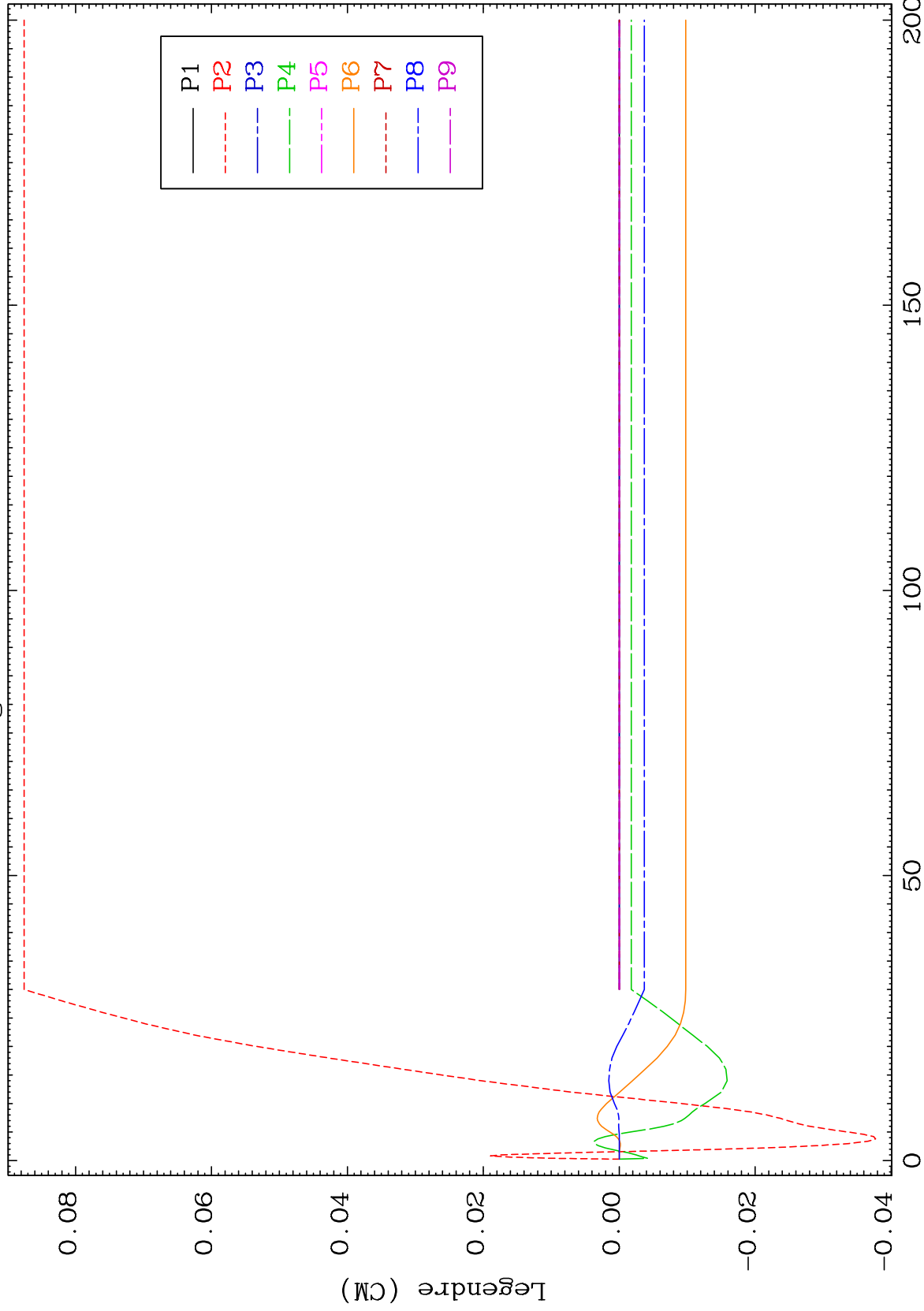
Incident Energy (MeV)

68-Er-169

MAT 6846

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

68-Er-169



34

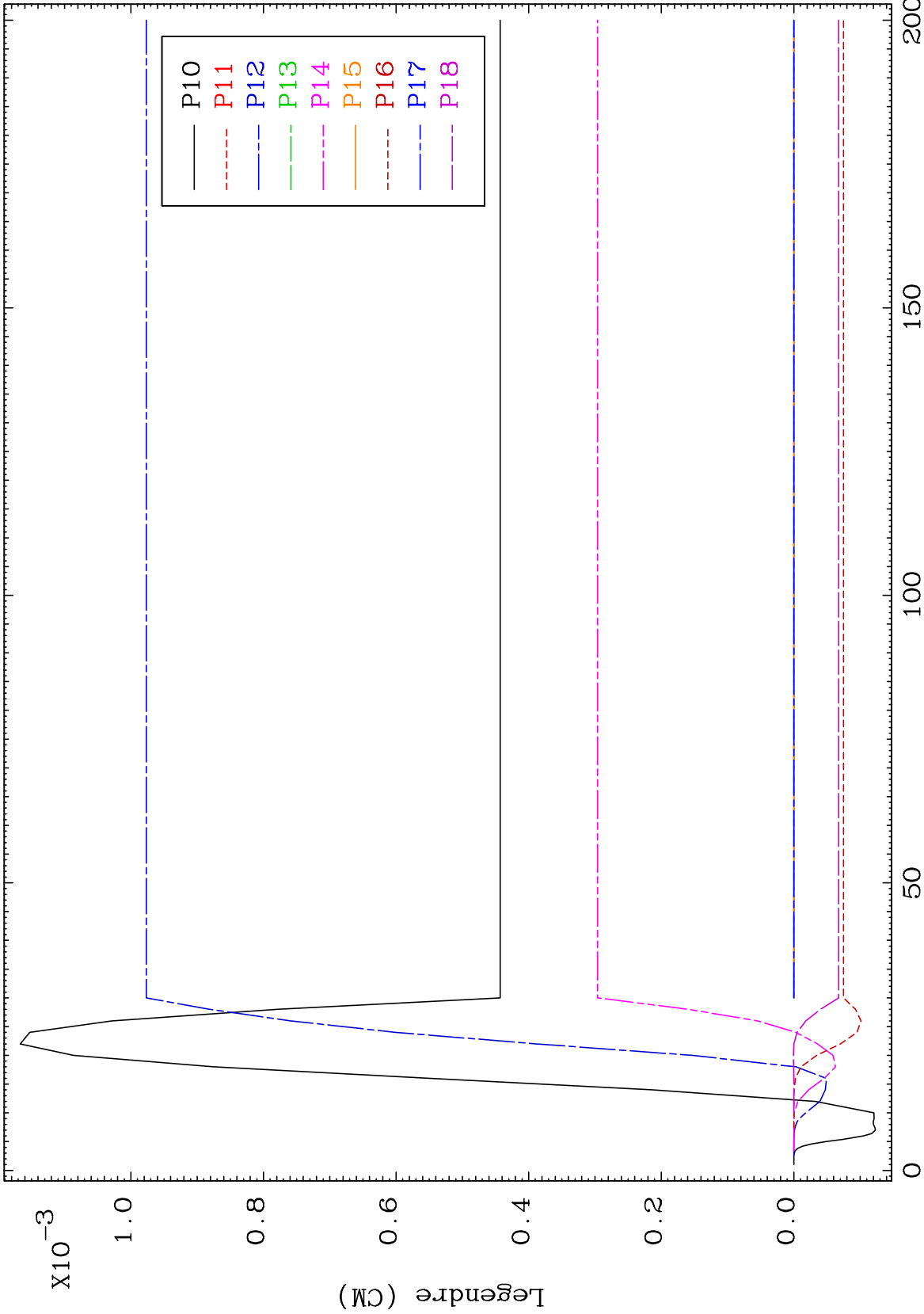
Incident Energy (MeV)

68-Er-169

MAT 6846

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

68-Er-169



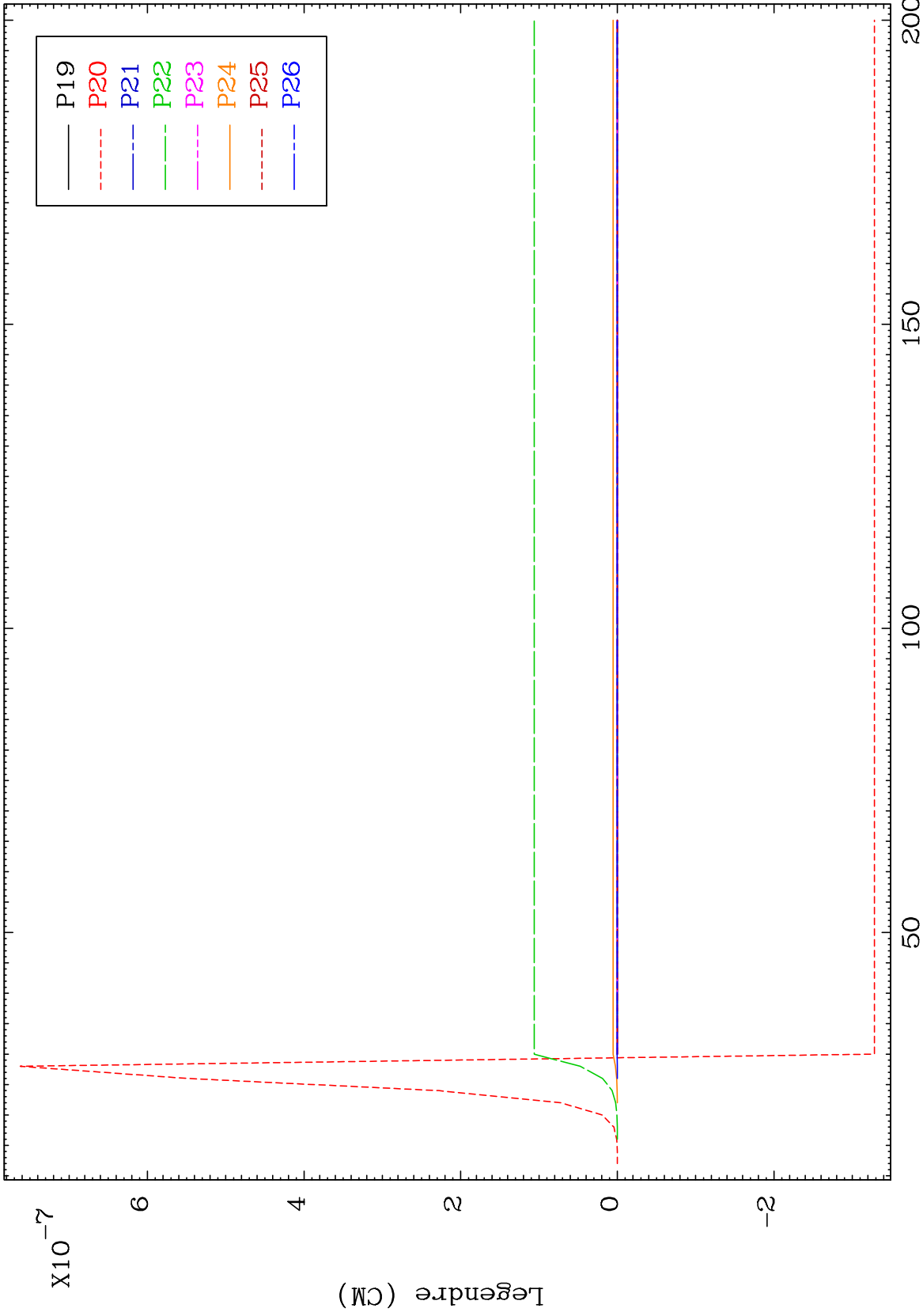
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68-Er-169

MAT 6846

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

68-Er-169



36

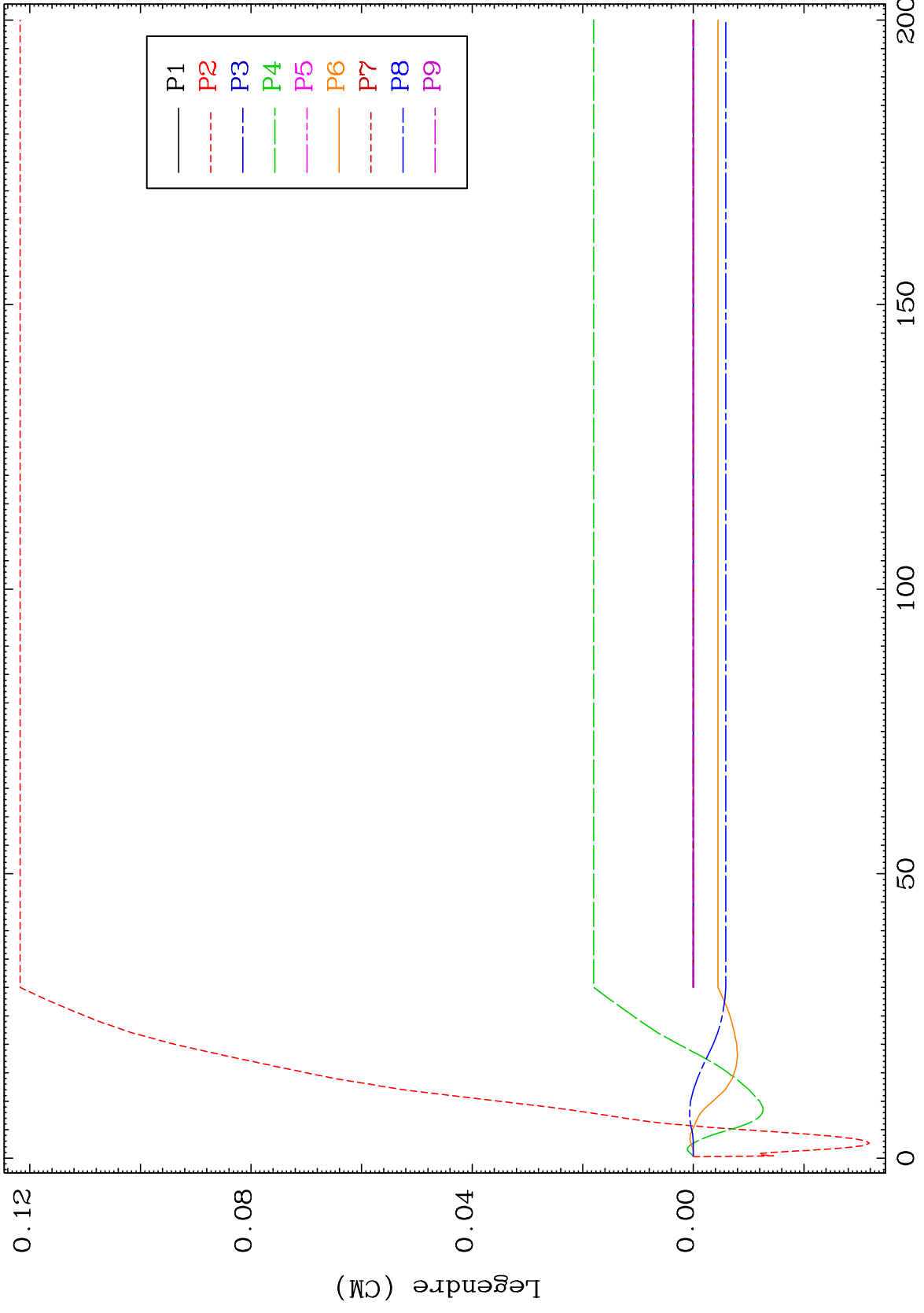
Incident Energy (MeV)

68-Er-169

MAT 6846

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

68-Er-169



37

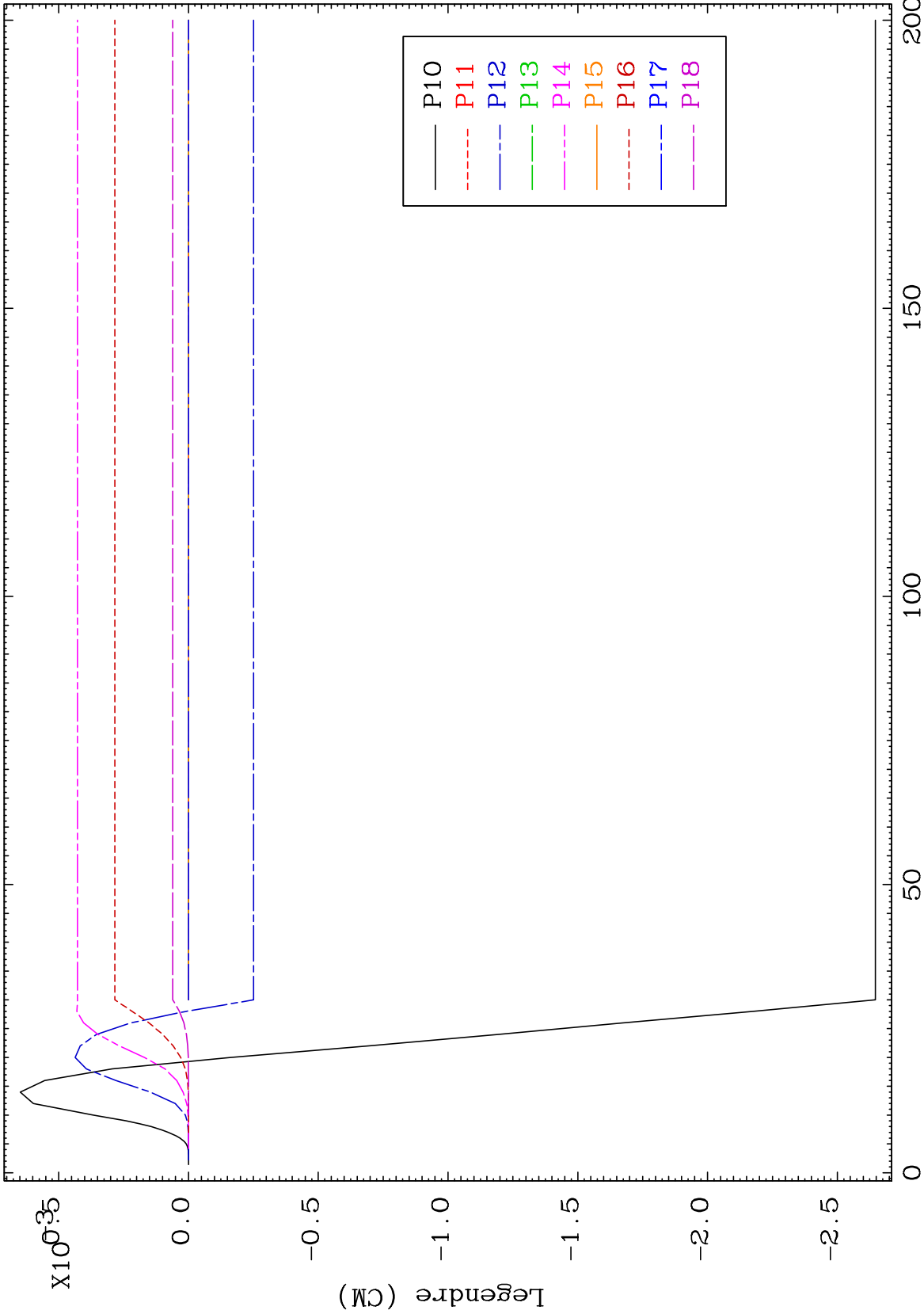
Incident Energy (MeV)

68-Er-169

MAT 6846

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

68-Er-169



38

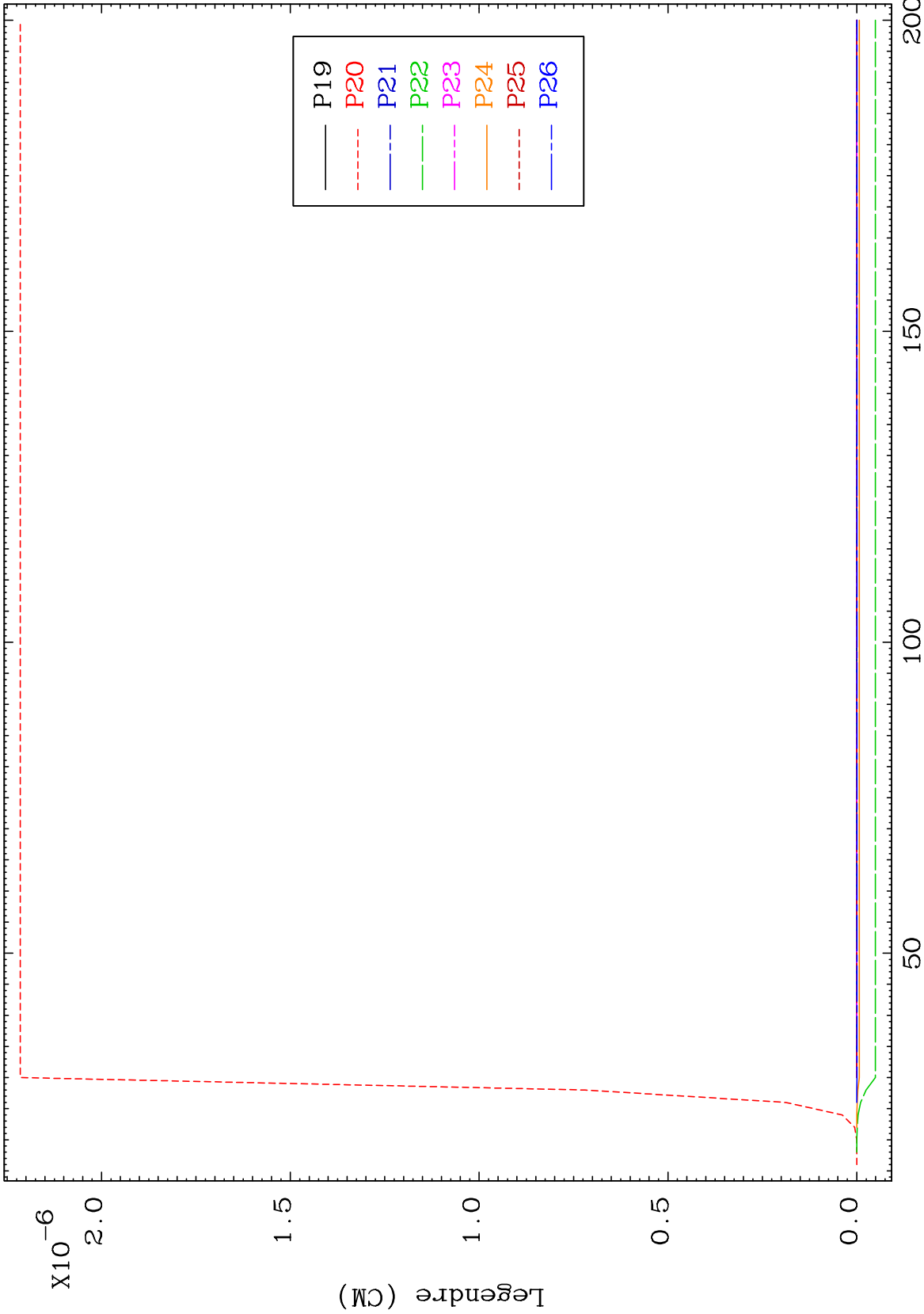
Incident Energy (MeV)

68-Er-169

MAT 6846

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

68-Er-169



39

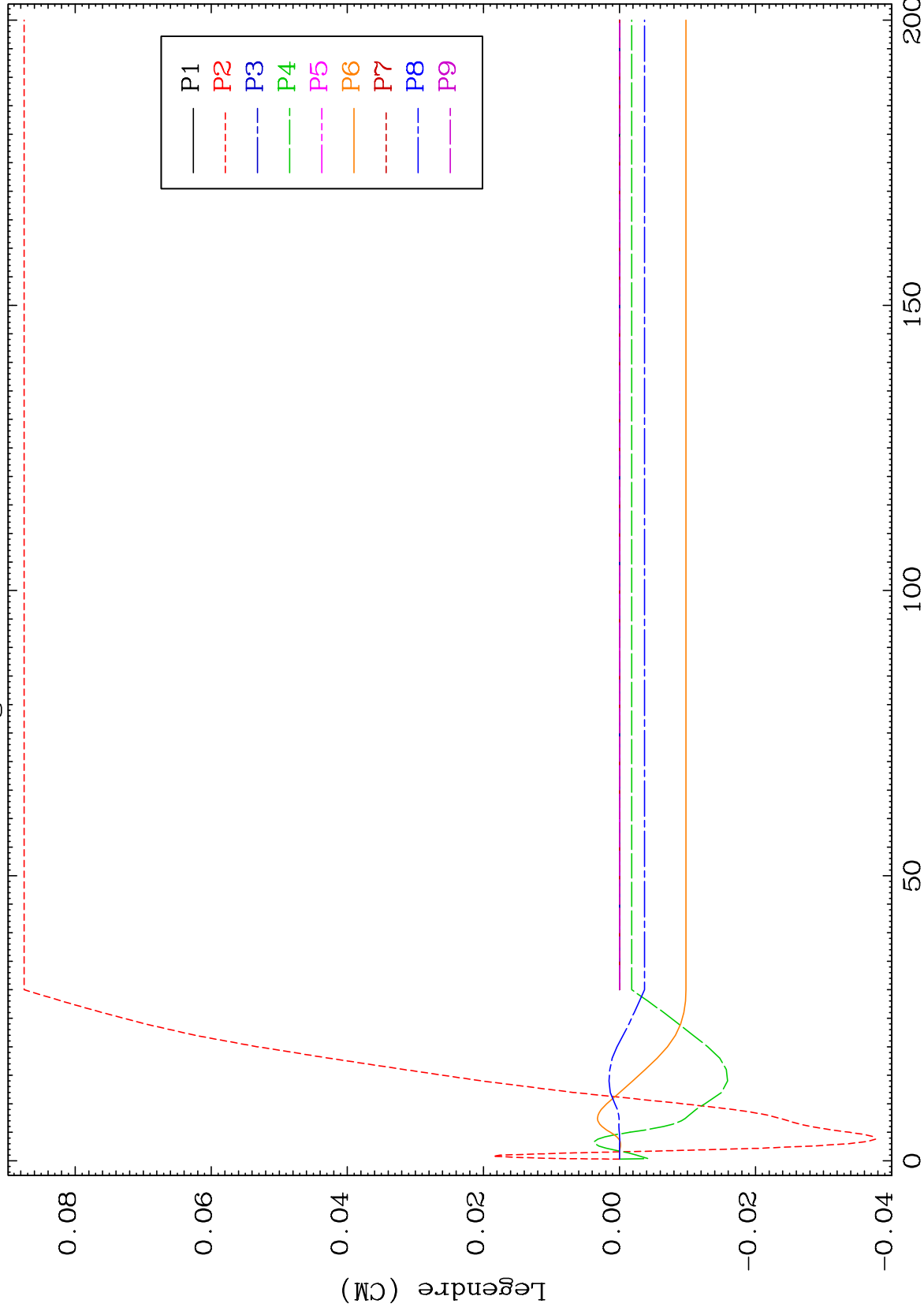
Incident Energy (MeV)

68-Er-169

MAT 6846

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

68-Er-169



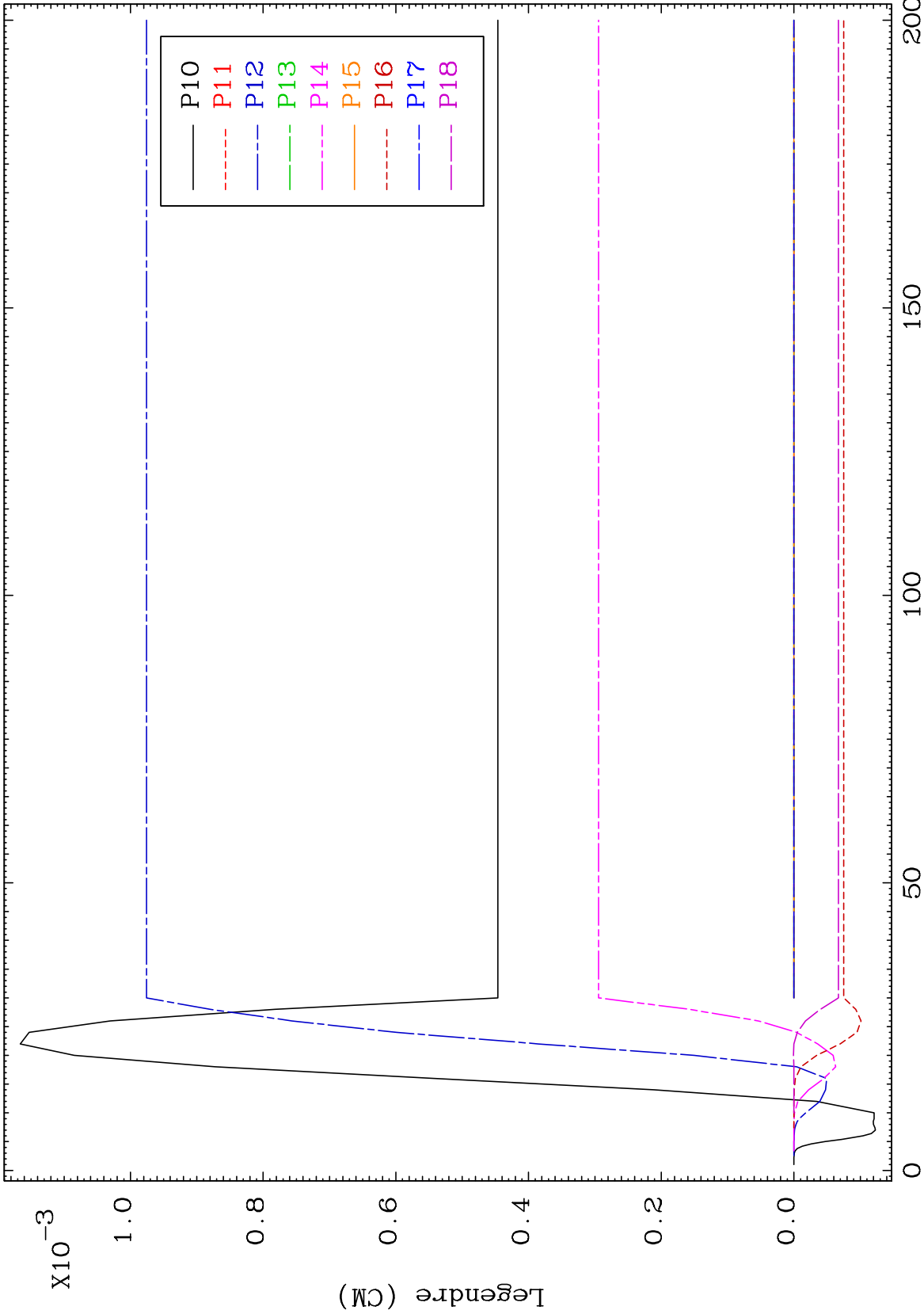
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Incident Energy (MeV)

MAT 6846

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

68-Er-169



41

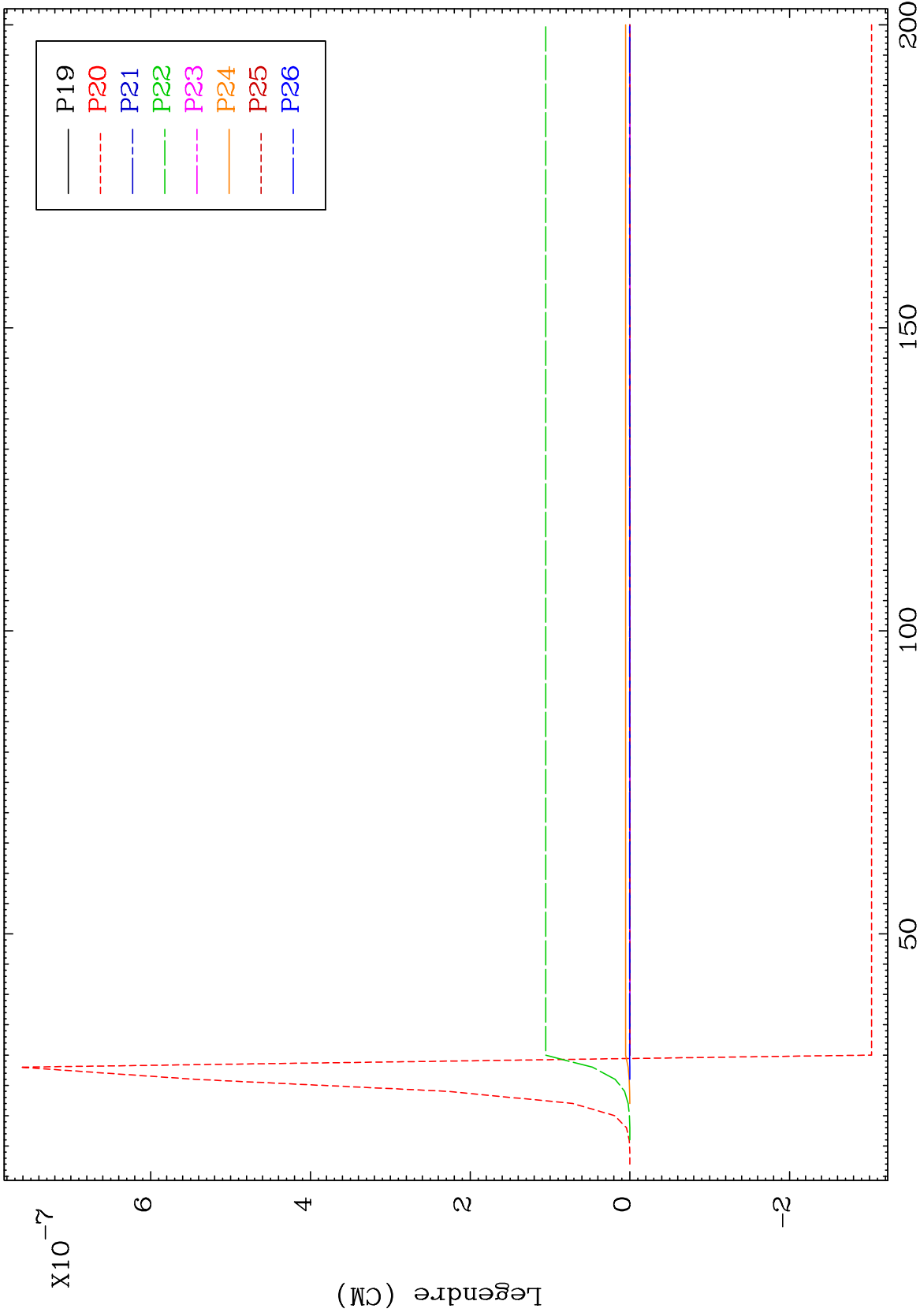
Incident Energy (MeV)

68-Er-169

MAT 6846

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

68-Er-169



42

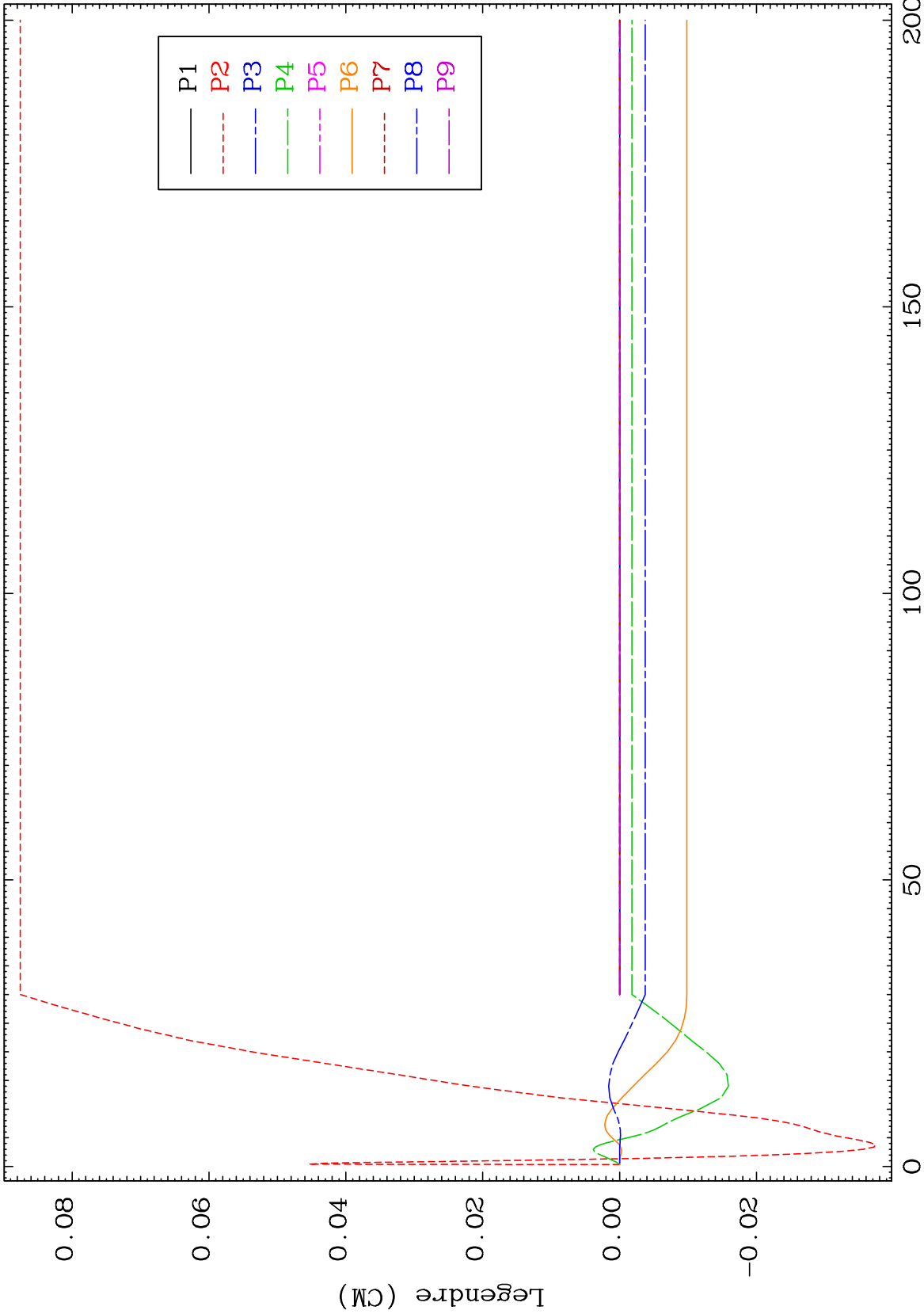
Incident Energy (MeV)

68-Er-169

MAT 6846

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

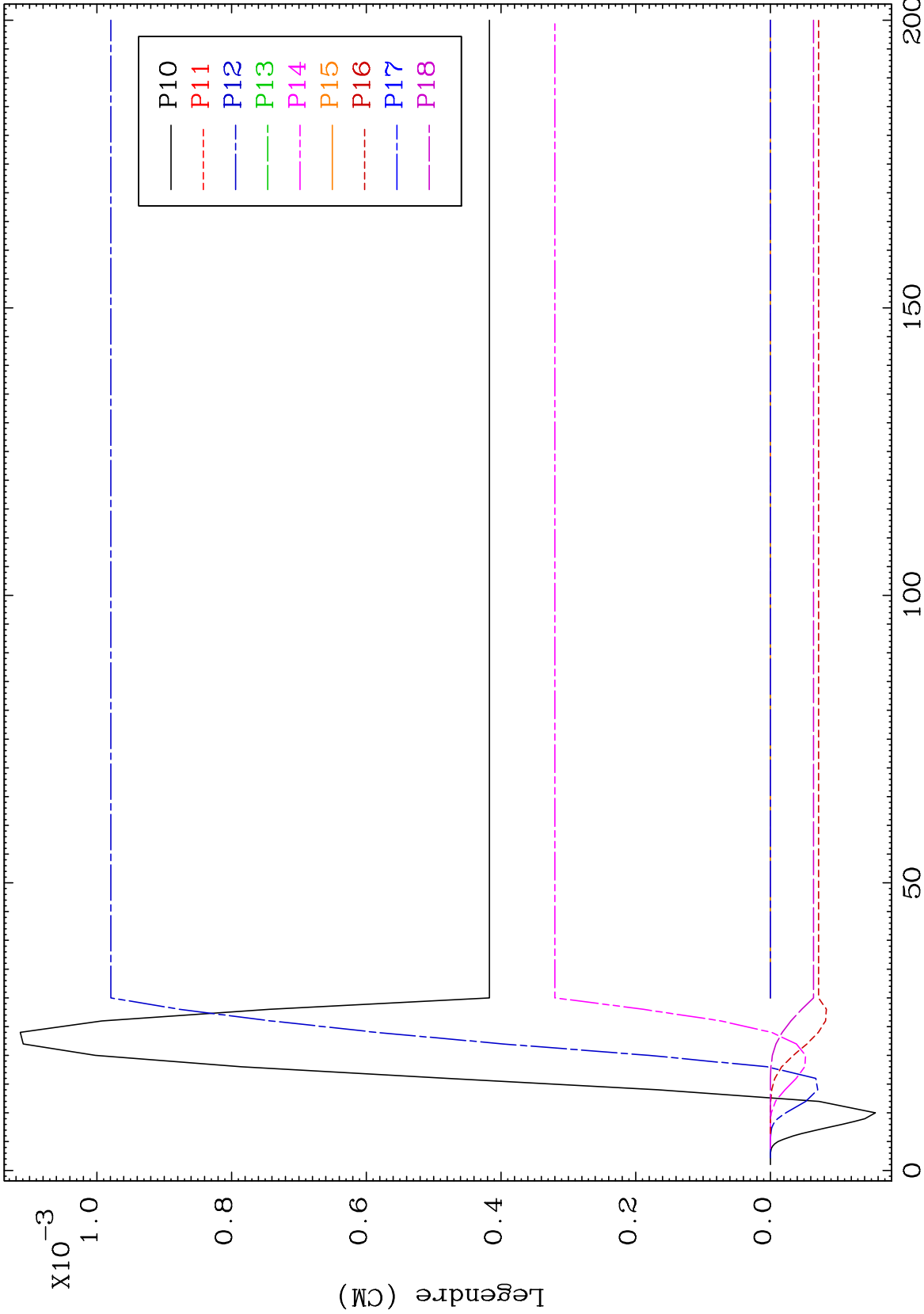
68-Er-169



43

Incident Energy (MeV)

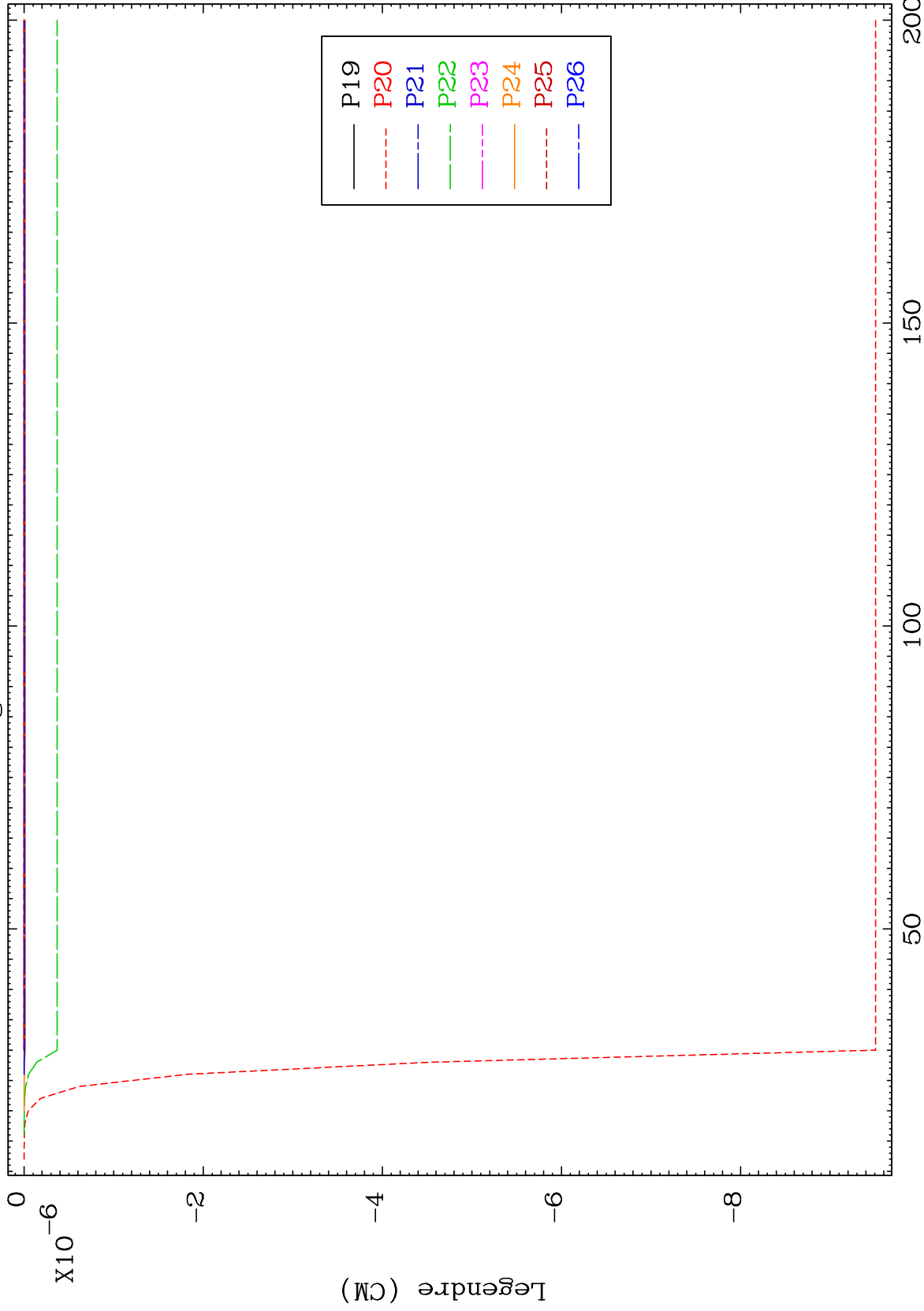
68-Er-169



MAT 6846

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

68-Er-169



45

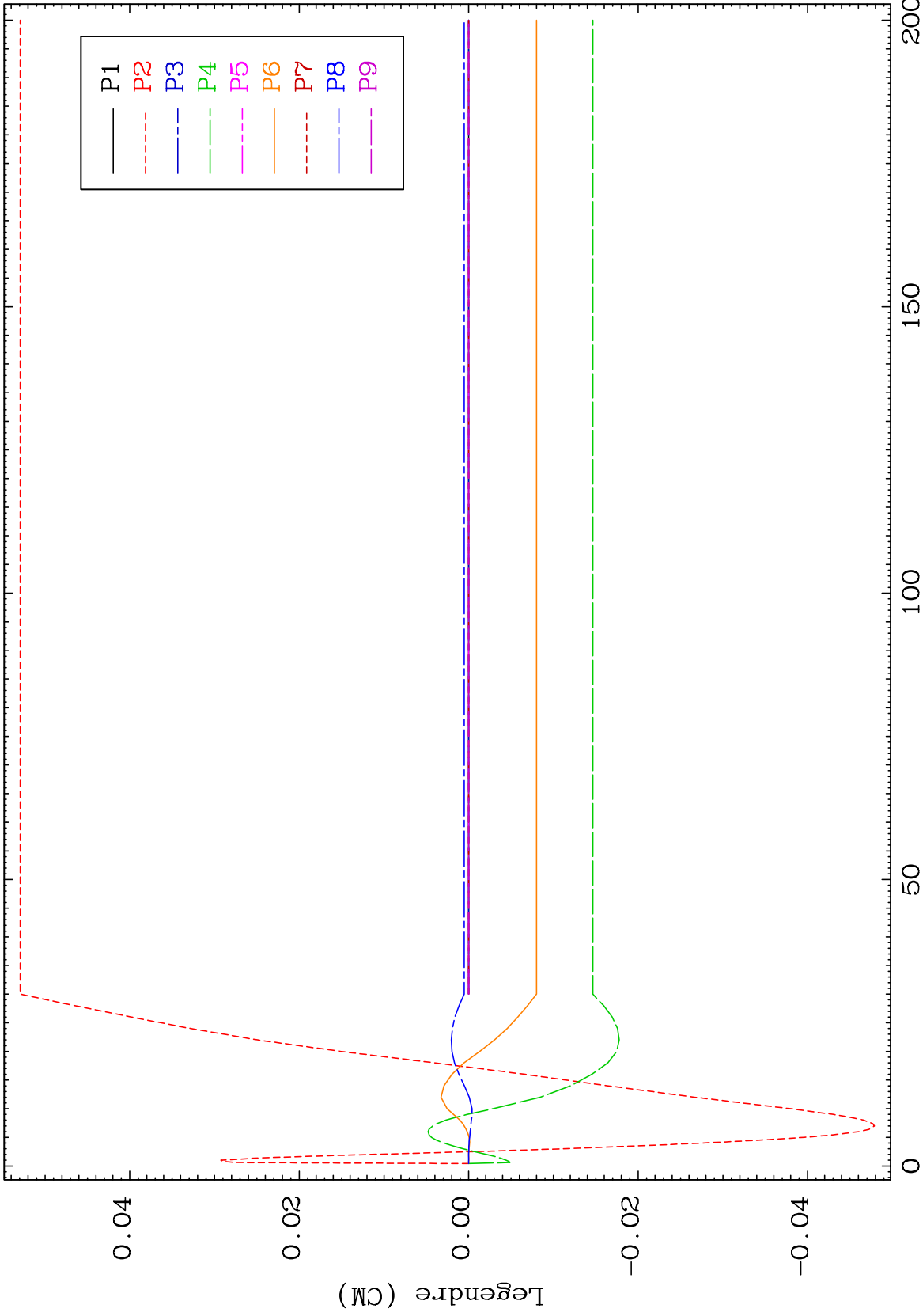
Incident Energy (MeV)

68-Er-169

MAT 6846

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

68-Er-169



46

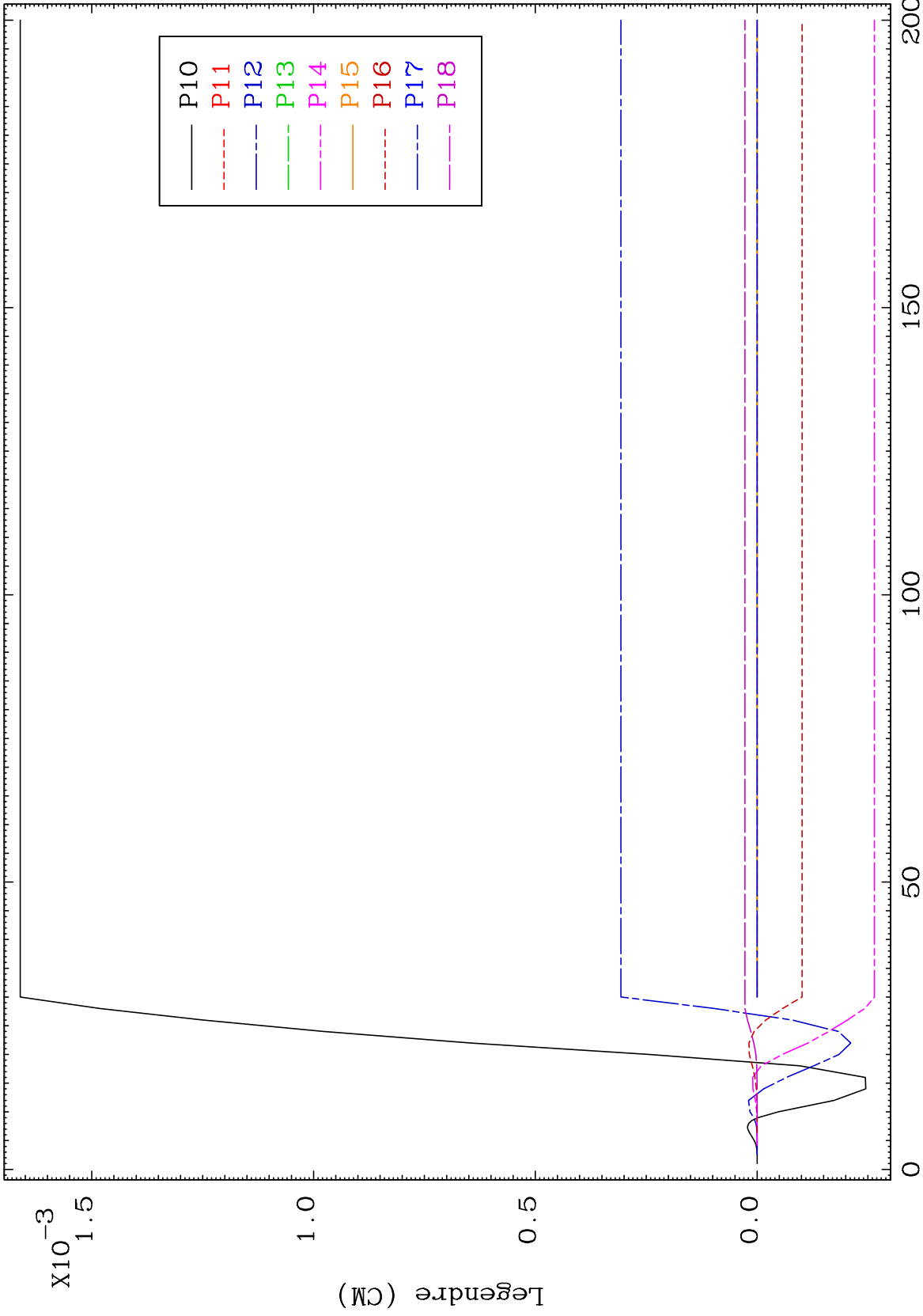
Incident Energy (MeV)

68-Er-169

MAT 6846

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

68-Er-169



47

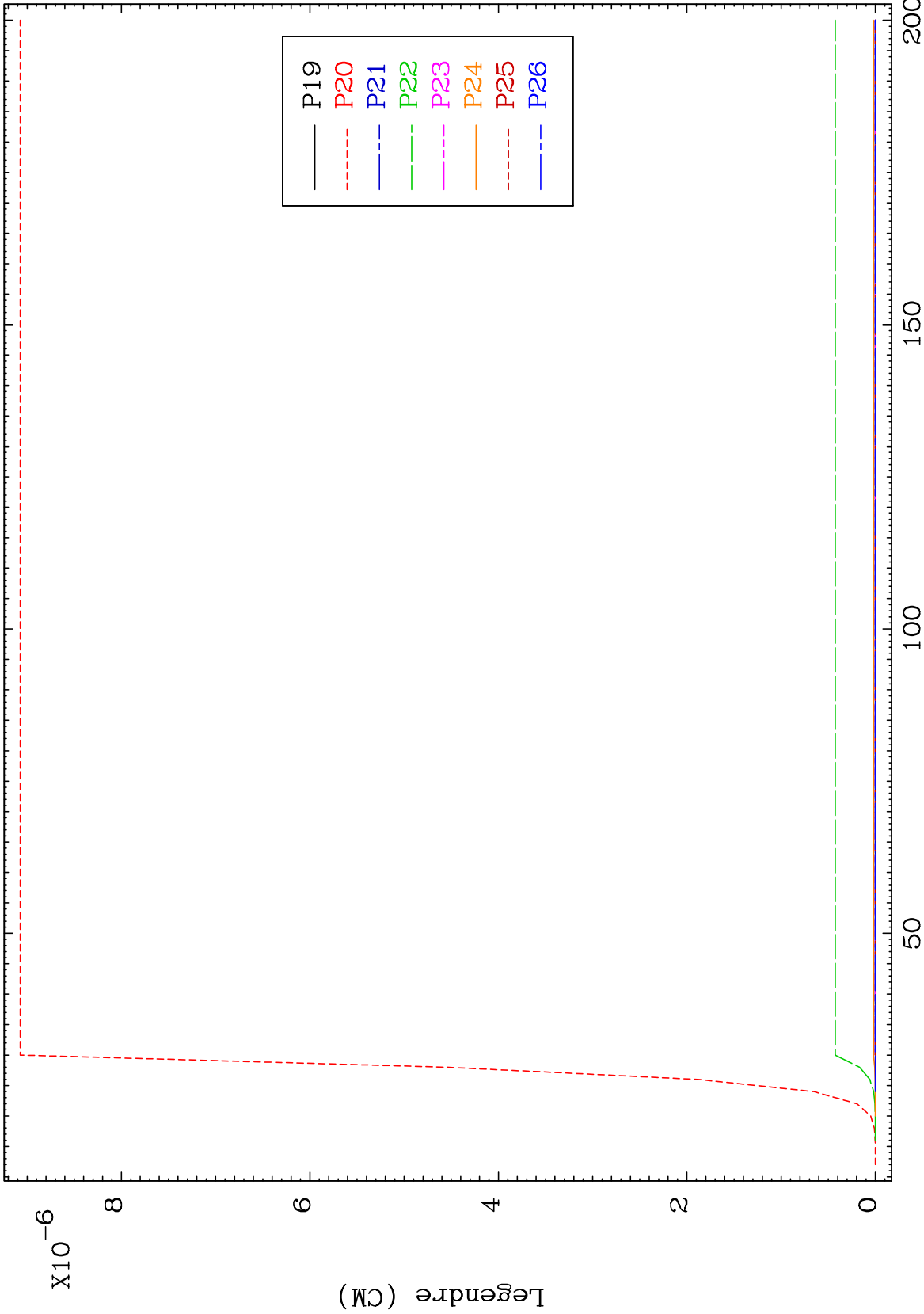
Incident Energy (MeV)

68-Er-169

MAT 6846

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

68-Er-169



48

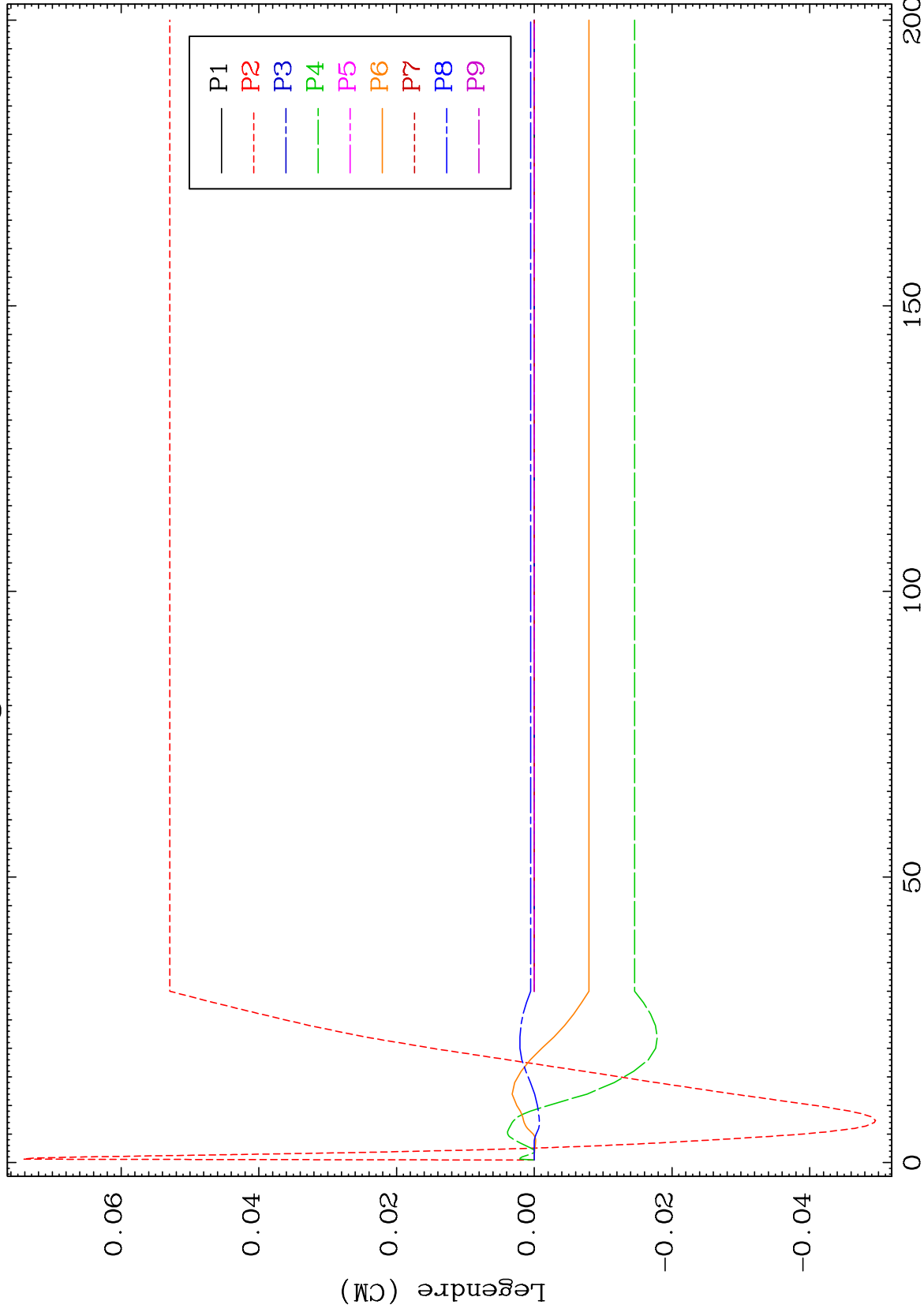
Incident Energy (MeV)

68-Er-169

MAT 6846

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

68-Er-169



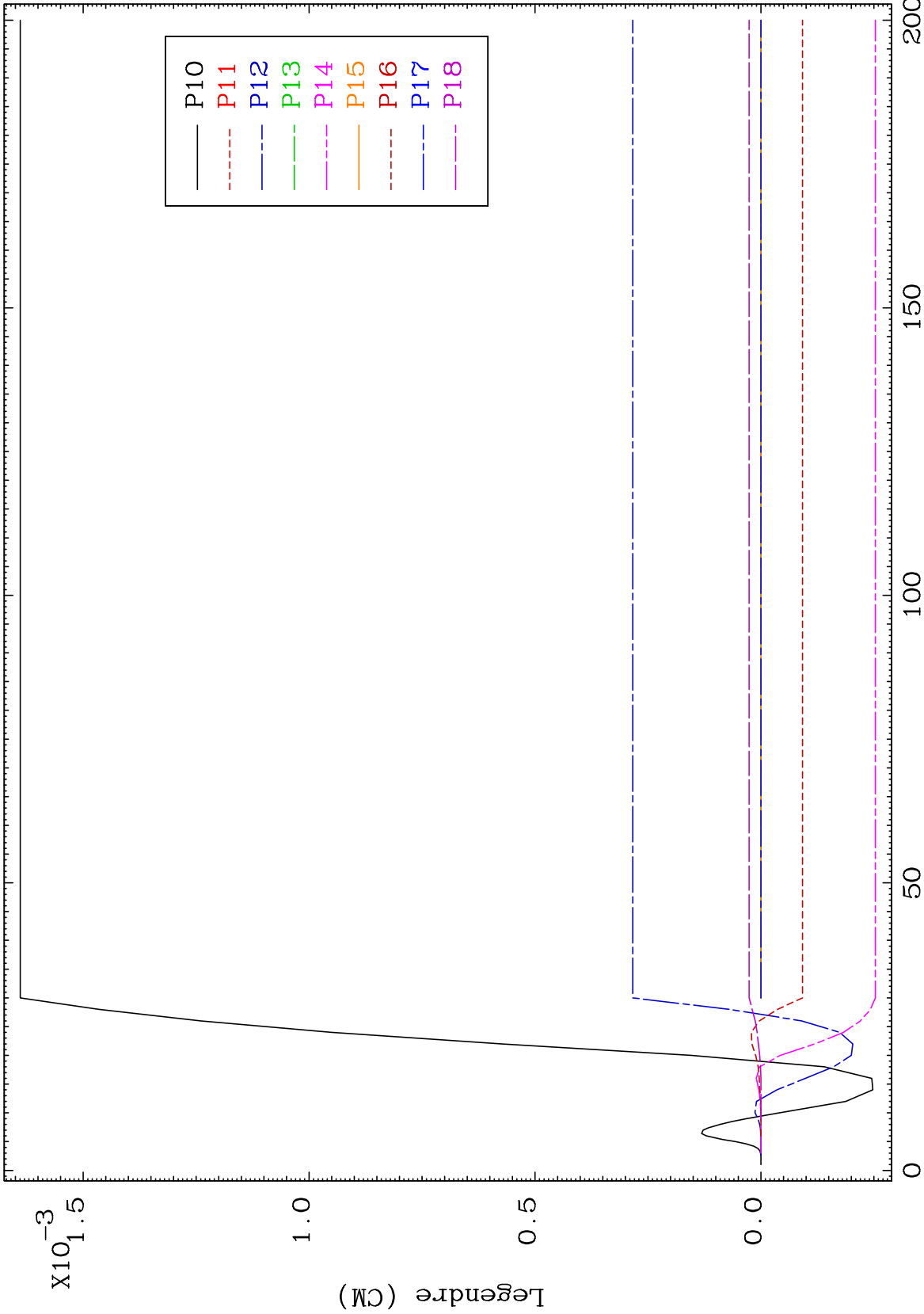
49

68-Er-169

MAT 6846

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

68-Er-169

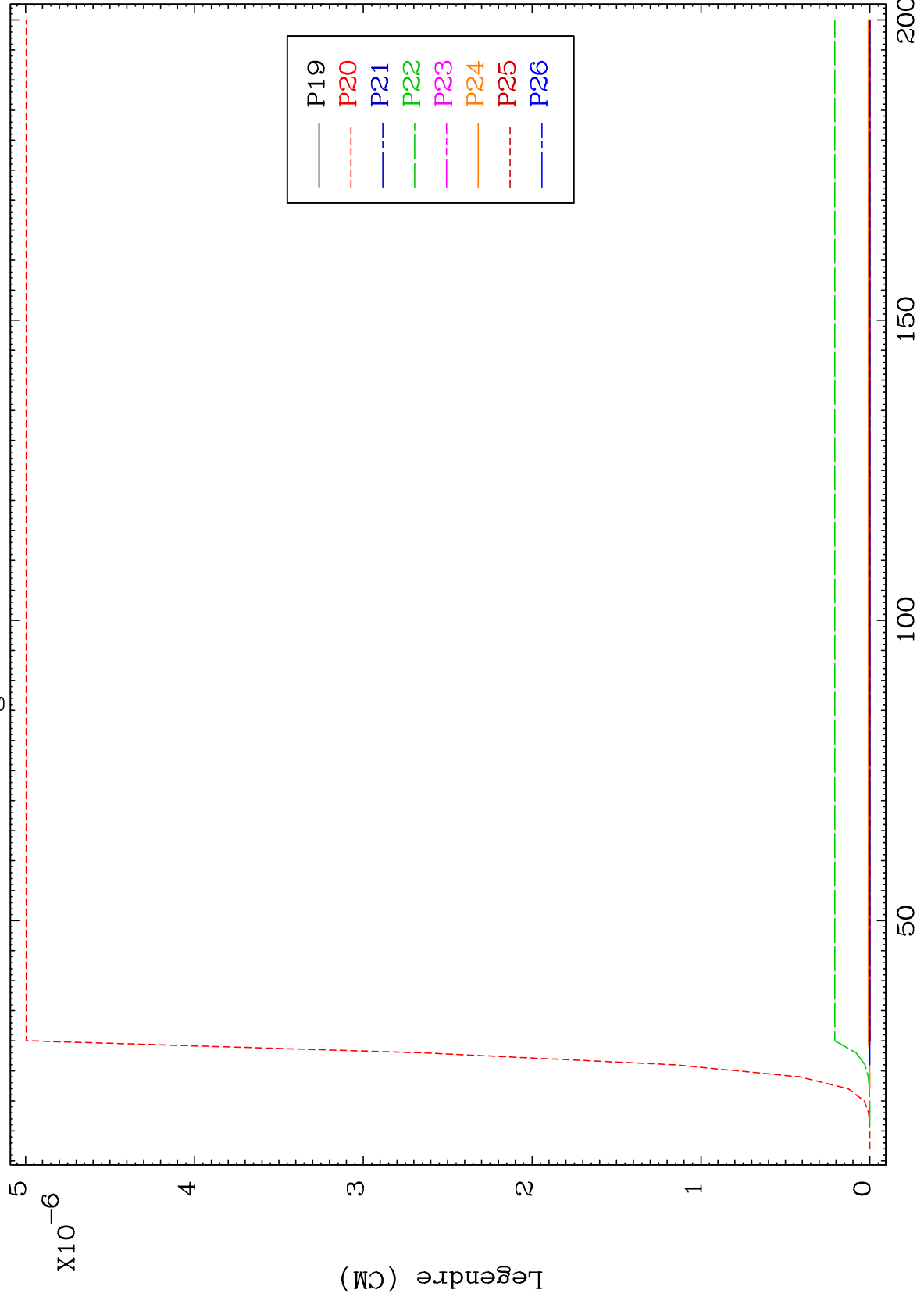


68-Er-169

MAT 6846

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

68-Er-169



51

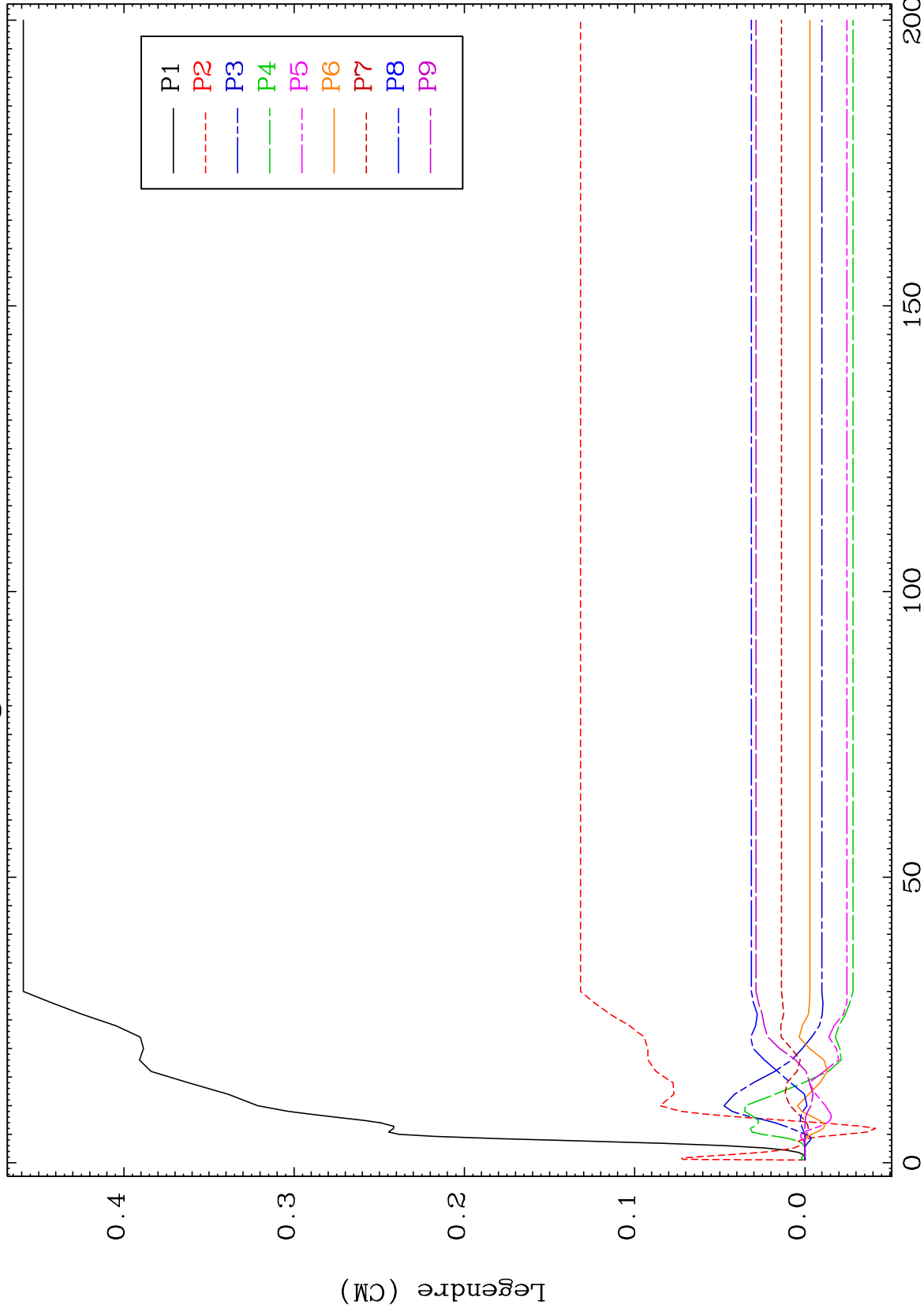
Incident Energy (MeV)

68-Er-169

MAT 6846

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

68-Er-169



52

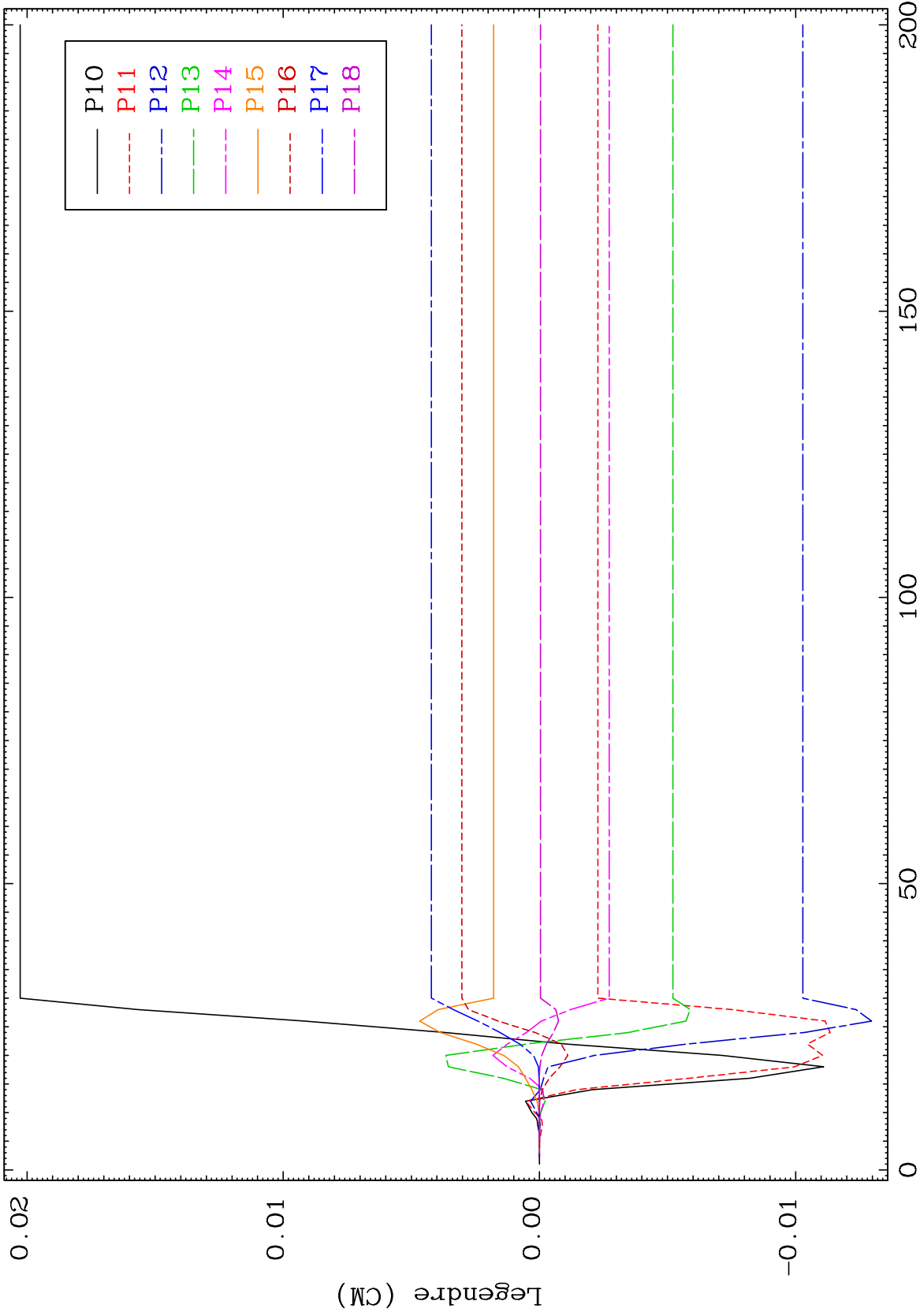
Incident Energy (MeV)

68-Er-169

MAT 6846

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

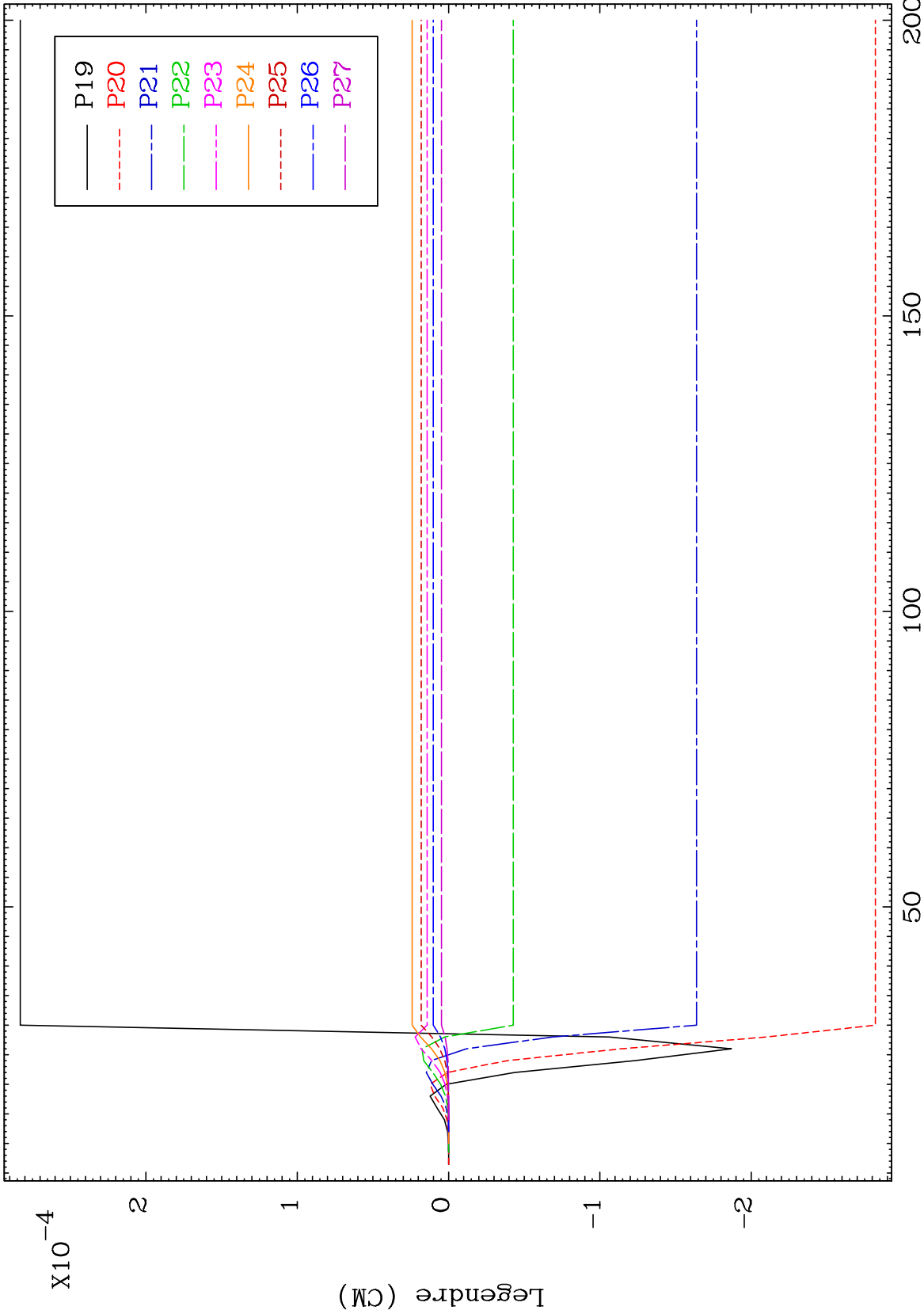
68-Er-169



53

Incident Energy (MeV)

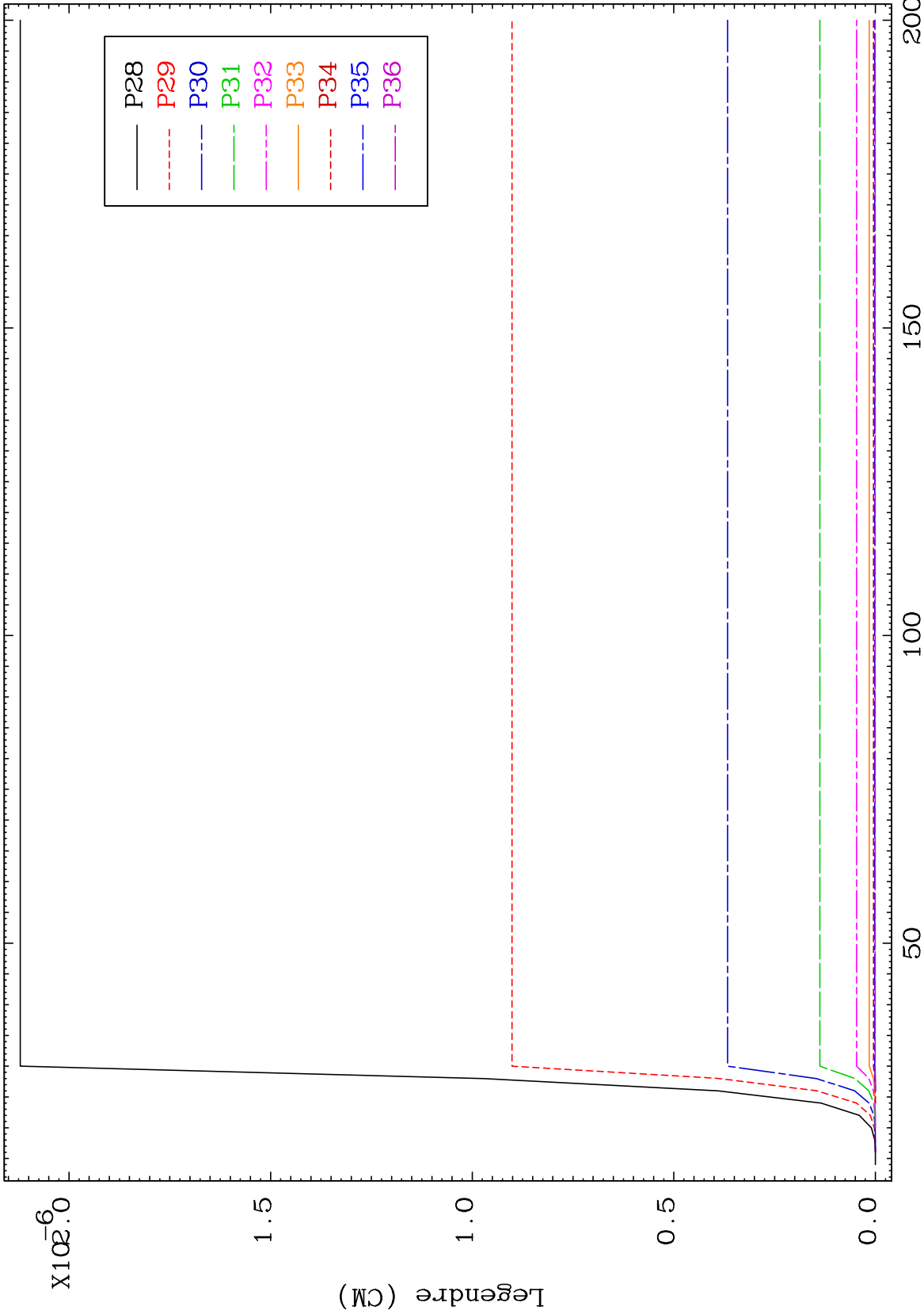
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MAT 6846

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

68-Er-169



55

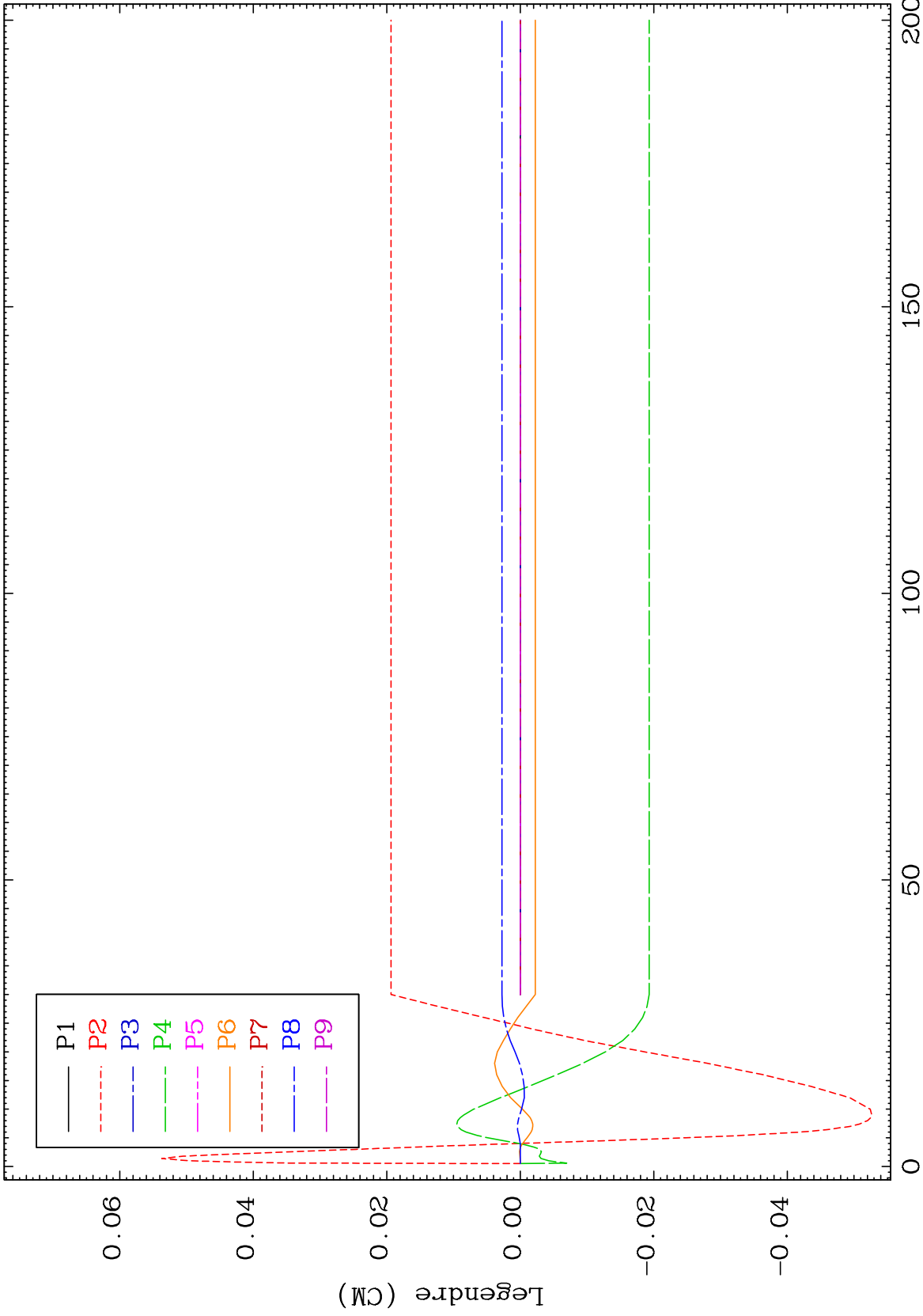
Incident Energy (MeV)

68-Er-169

MAT 6846

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

68-Er-169



56

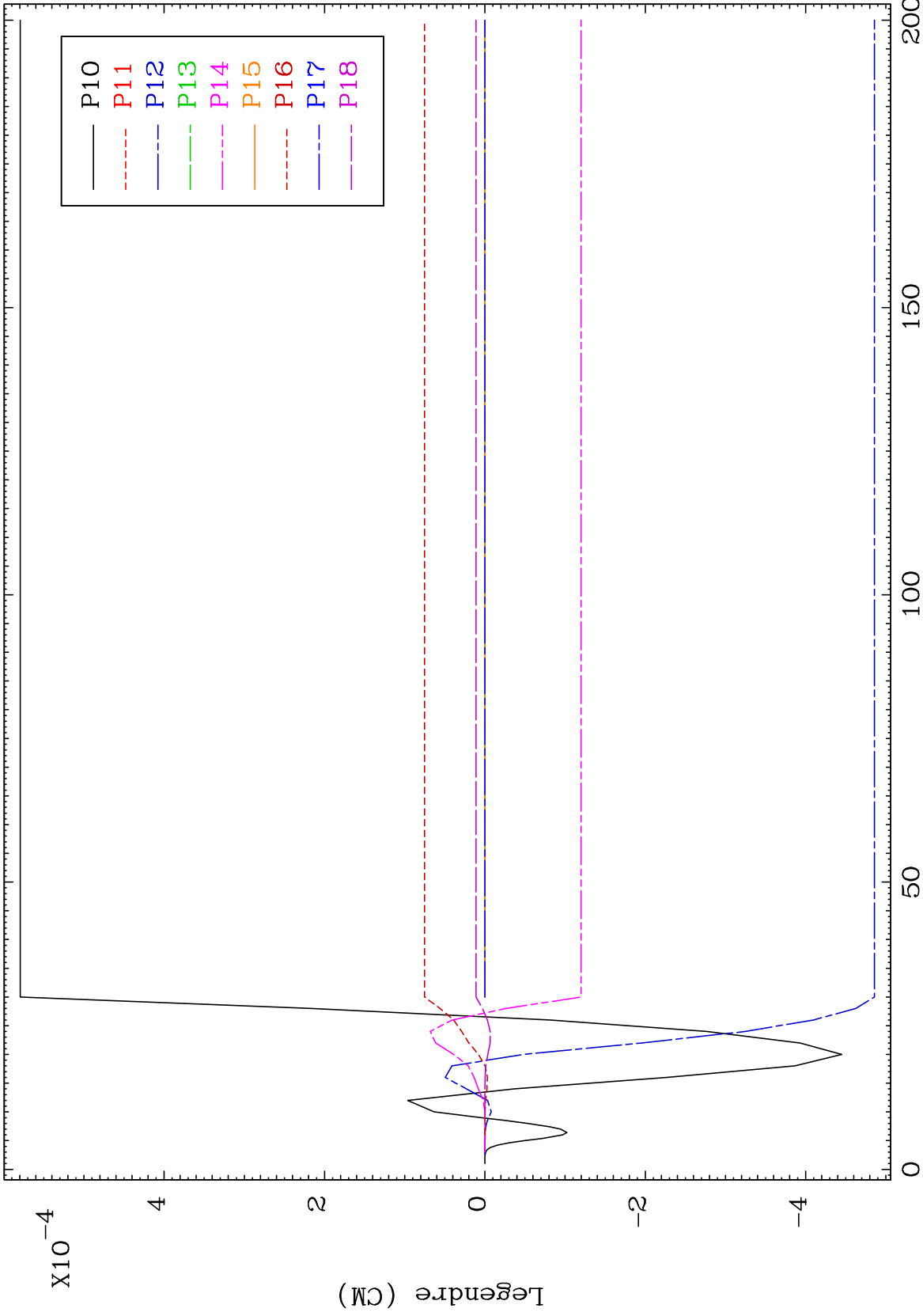
Incident Energy (MeV)

68-Er-169

MAT 6846

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

68-Er-169



57

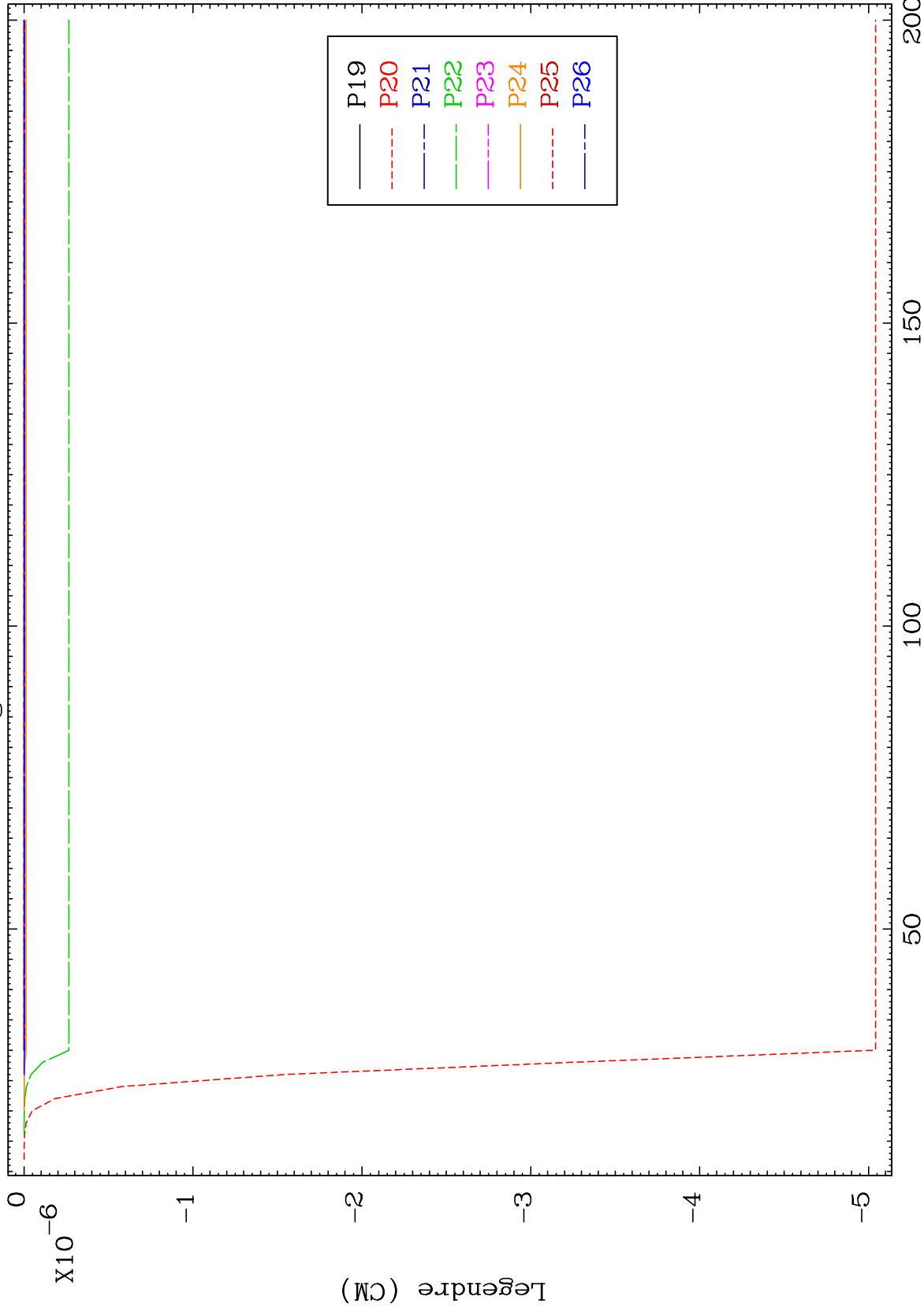
Incident Energy (MeV)

68-Er-169

MAT 6846

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

68-Er-169



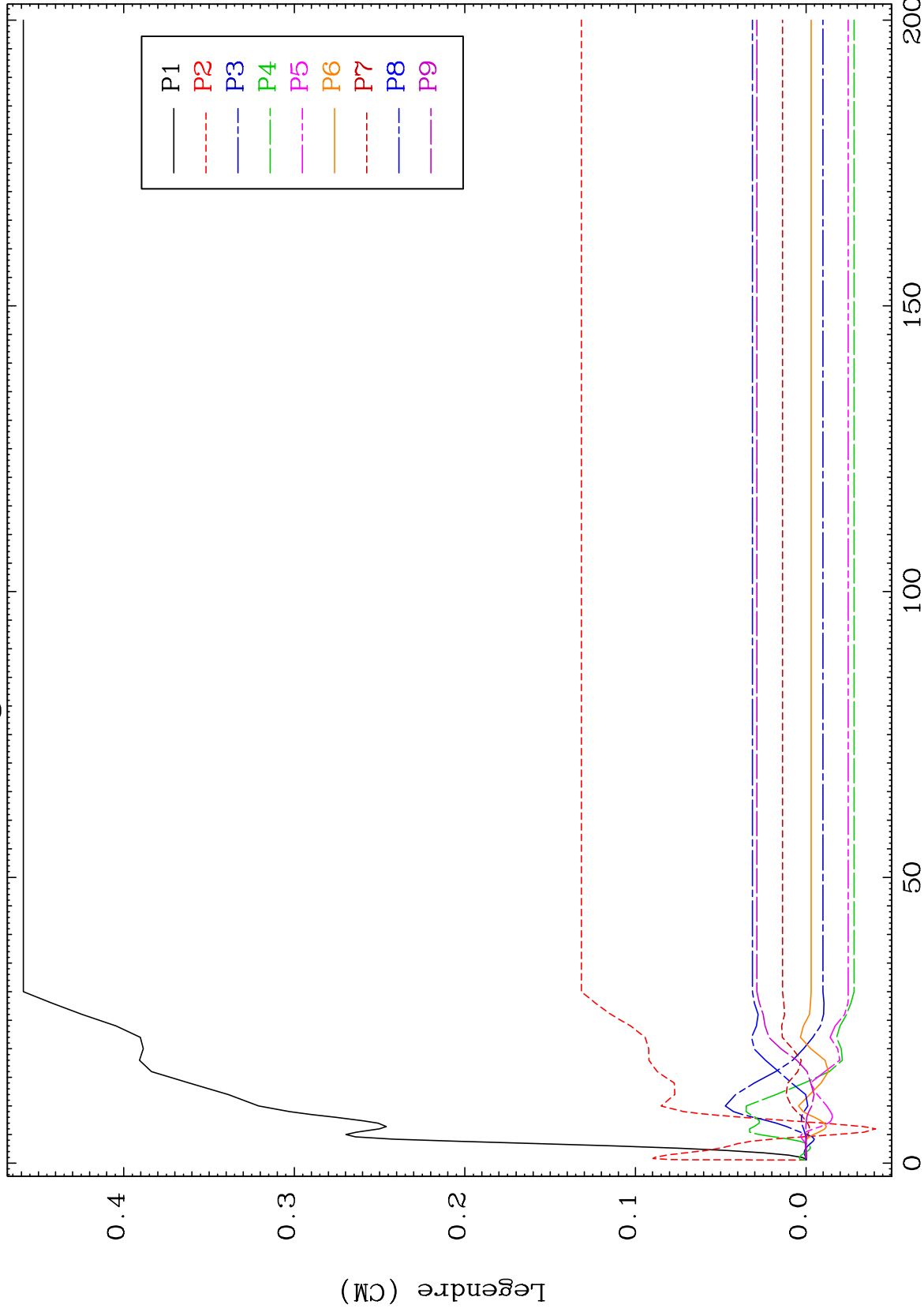
58

68-Er-169

MAT 6846

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

68-Er-169



59

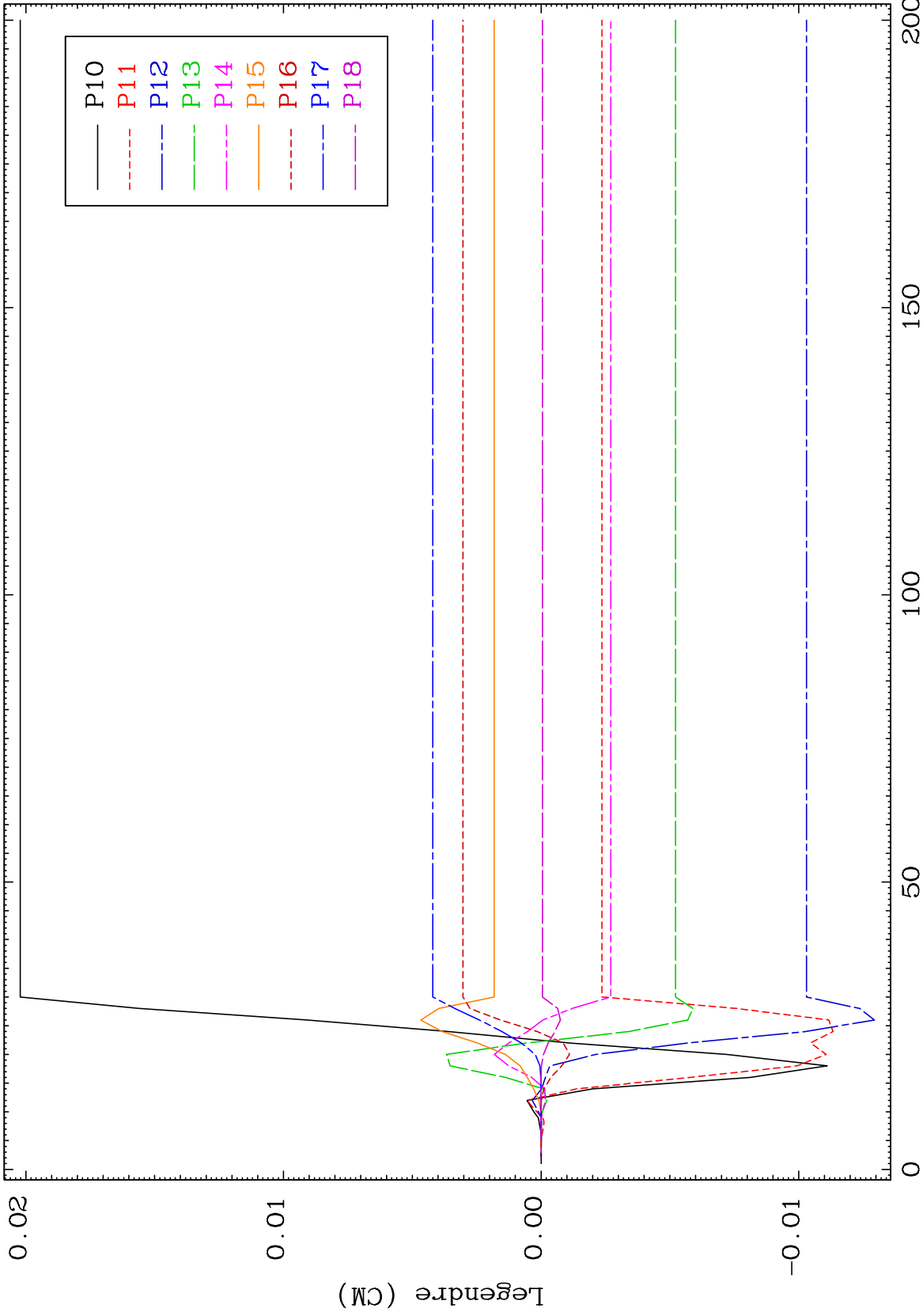
Incident Energy (MeV)

68-Er-169

MAT 6846

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

68-Er-169



60

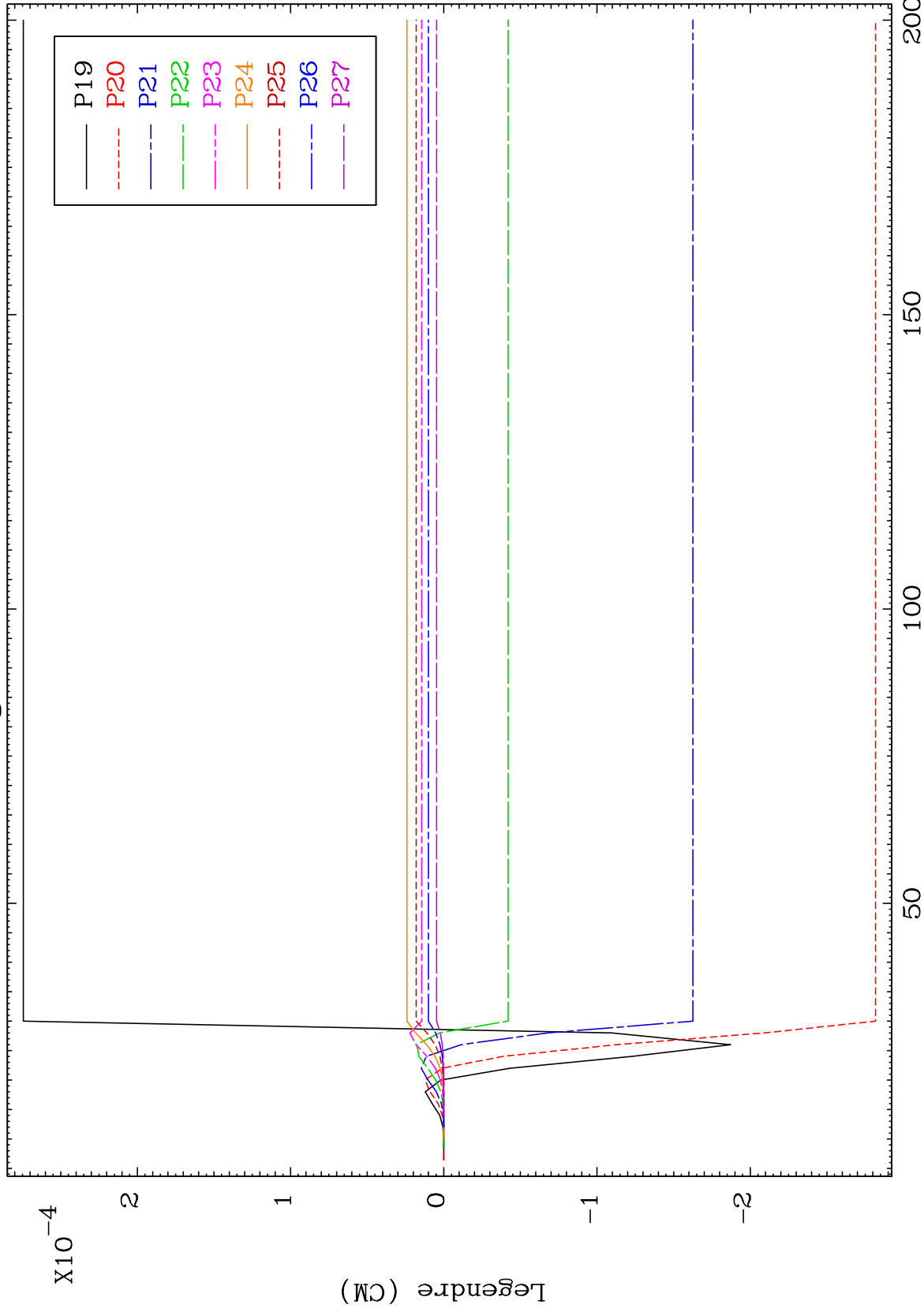
Incident Energy (MeV)

68-Er-169

MAT 6846

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

68-Er-169



61

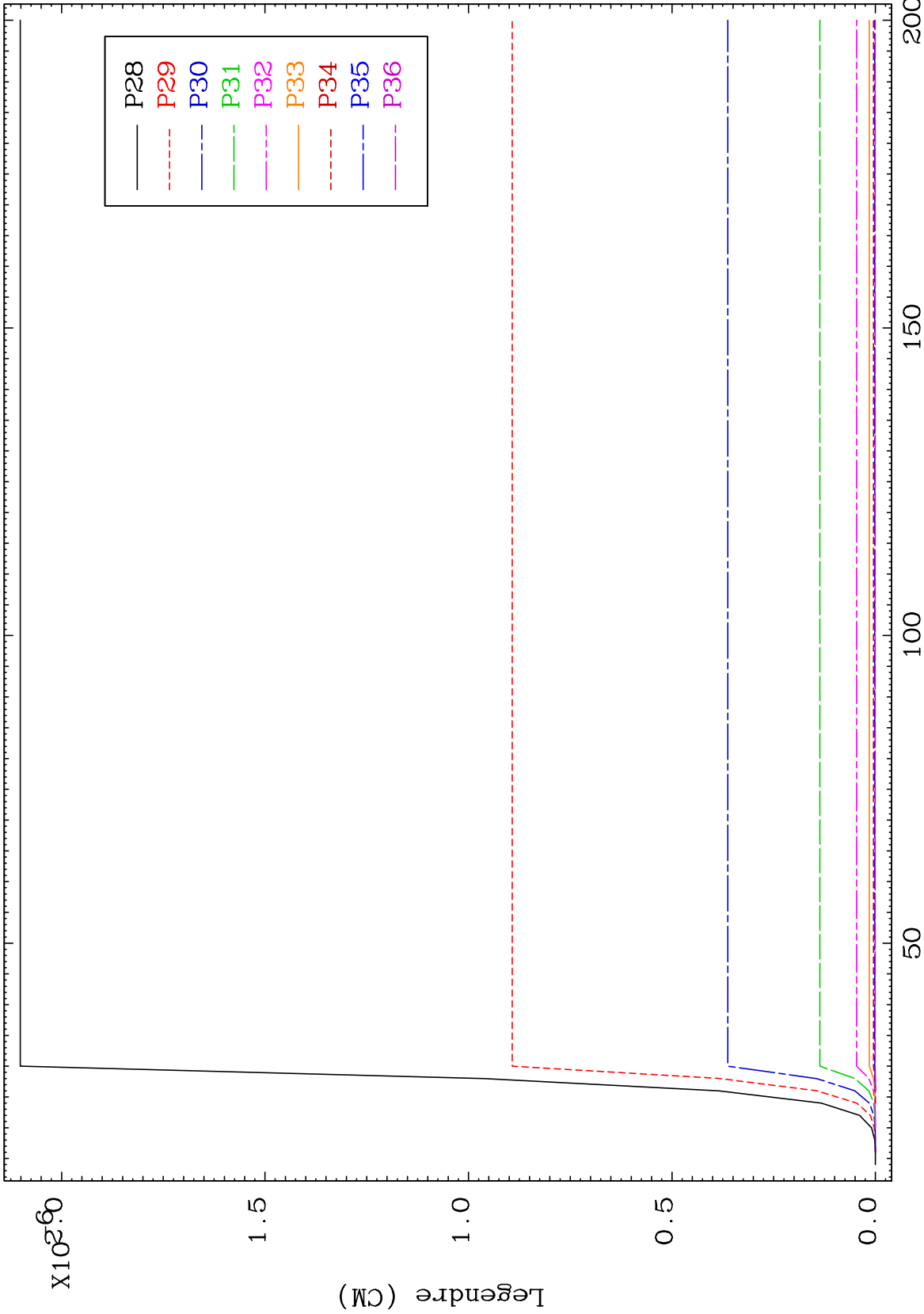
Incident Energy (MeV)

68-Er-169

MAT 6846

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

68-Er-169



62

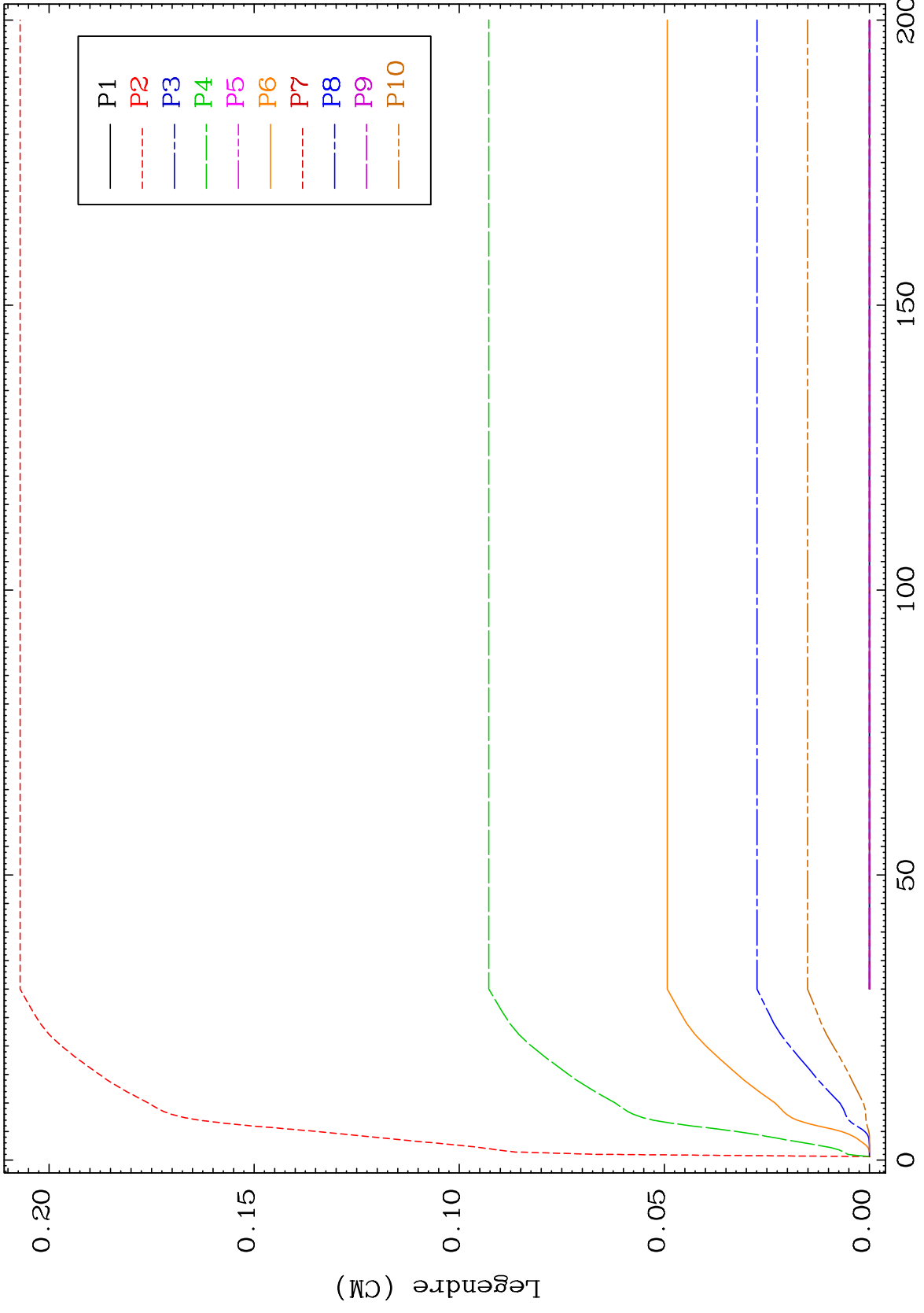
Incident Energy (MeV)

68-Er-169

MAT 6846

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

68-Er-169



63

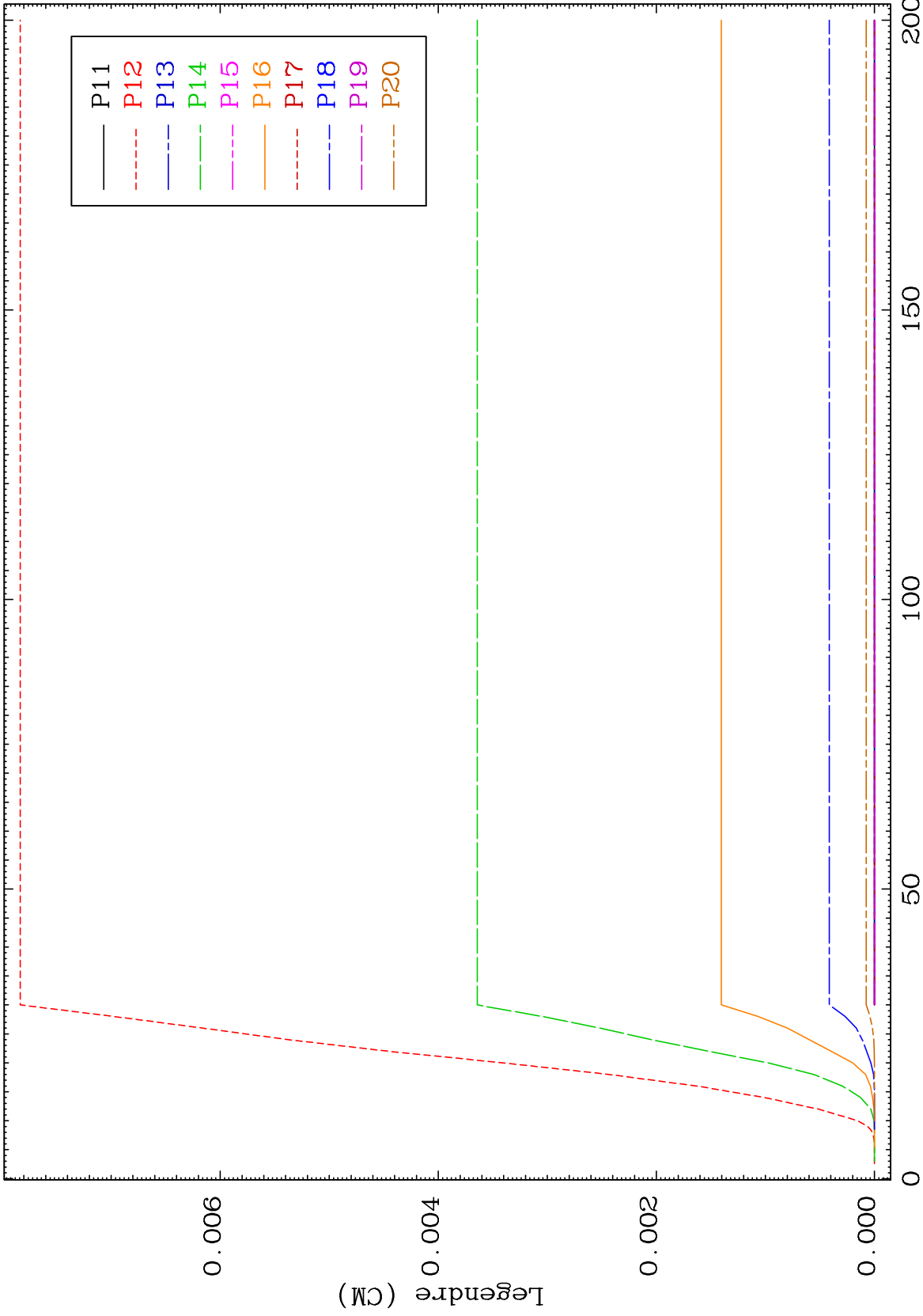
Incident Energy (MeV)

68-Er-169

MAT 6846

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

68-Er-169



64

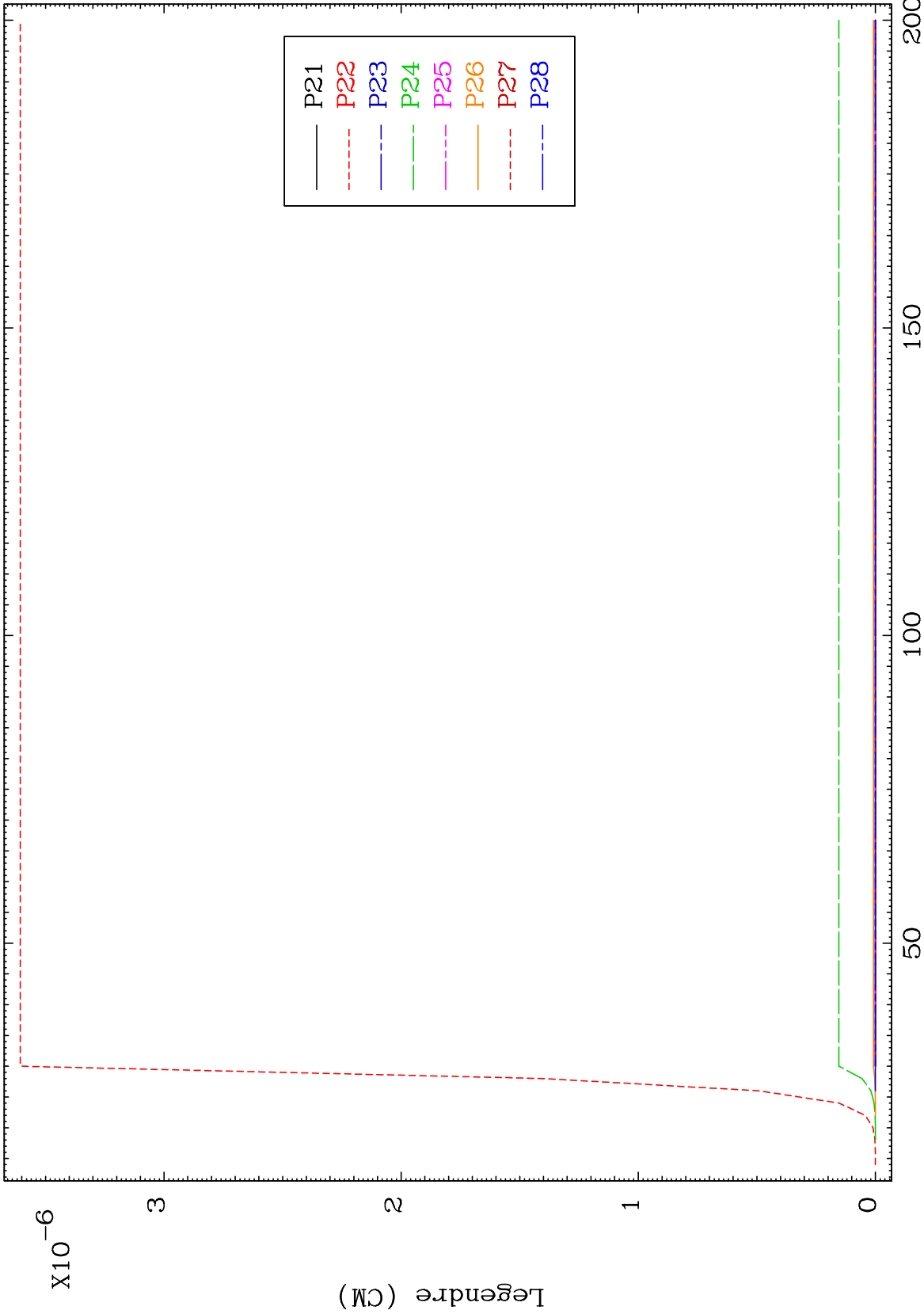
Incident Energy (MeV)

68-Er-169

MAT 6846

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

68-Er-169



65

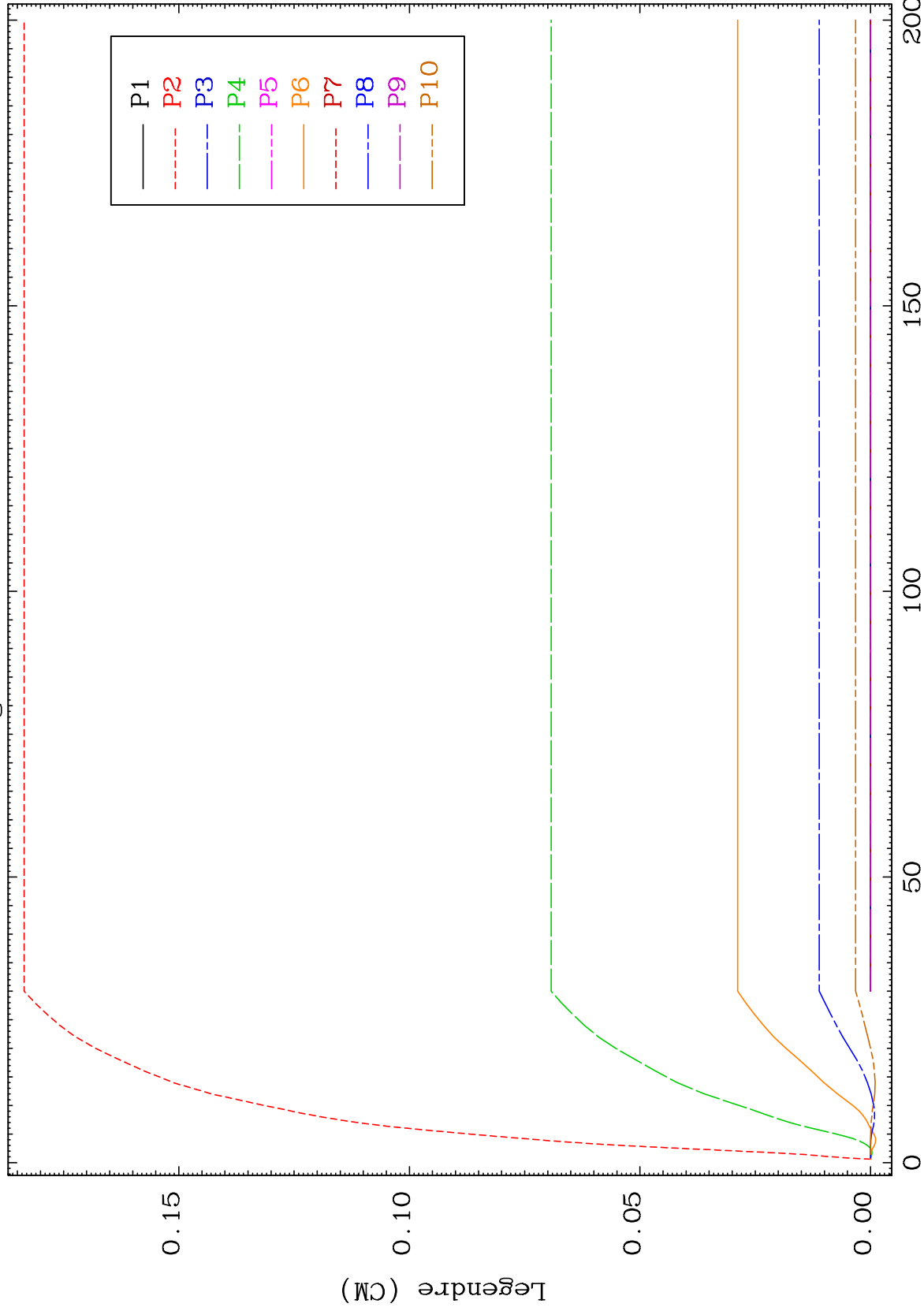
Incident Energy (MeV)

68-Er-169

MAT 6846

MT= 66 (n,n') Level
Legendre Coefficients

68-Er-169



66

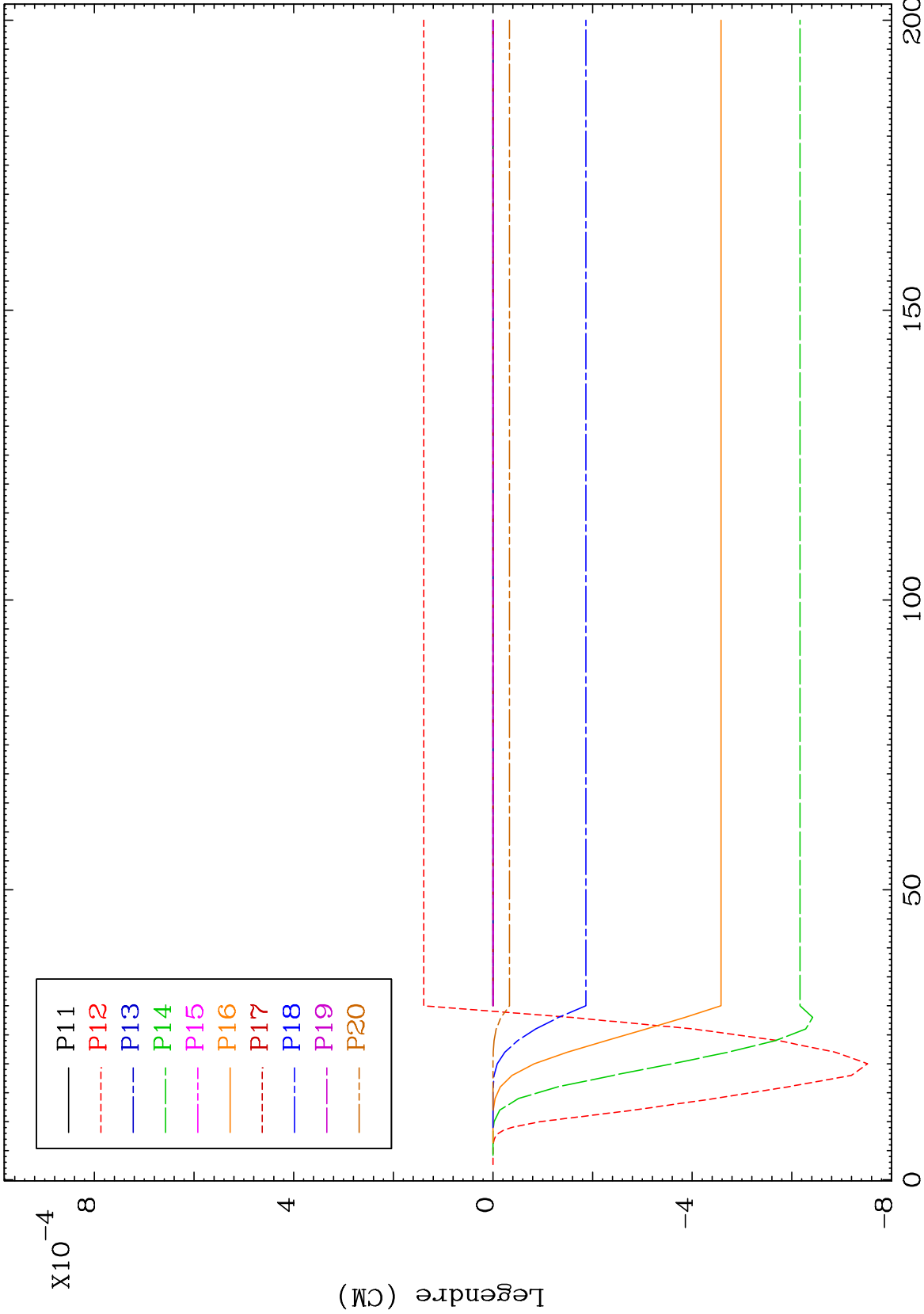
Incident Energy (MeV)

68-Er-169

MAT 6846

MT= 66 (n,n') Level
Legendre Coefficients

68-Er-169



67

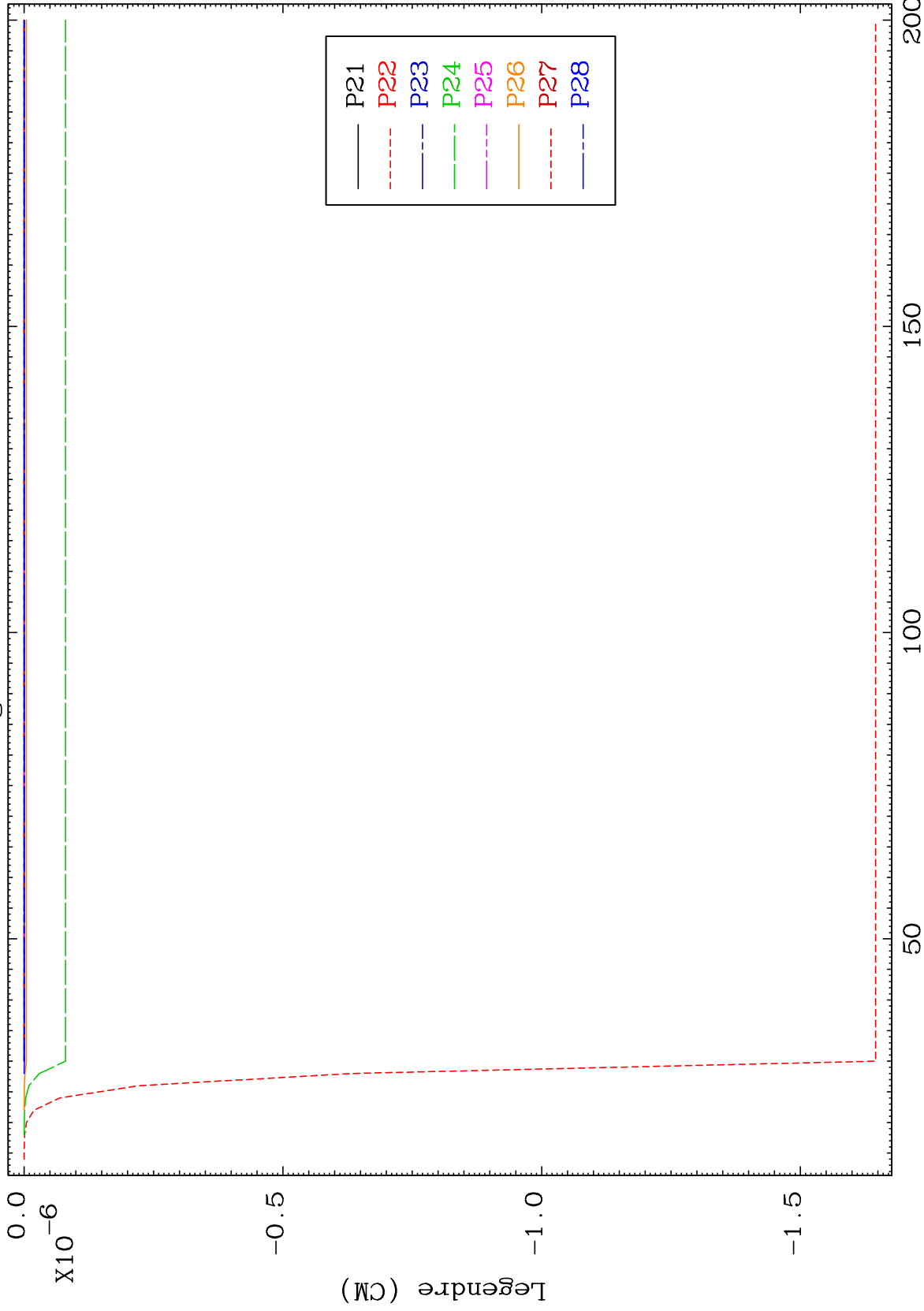
Incident Energy (MeV)

68-Er-169

MAT 6846

MT= 66 (n,n') Level
Legendre Coefficients

68-Er-169



68

Incident Energy (MeV)

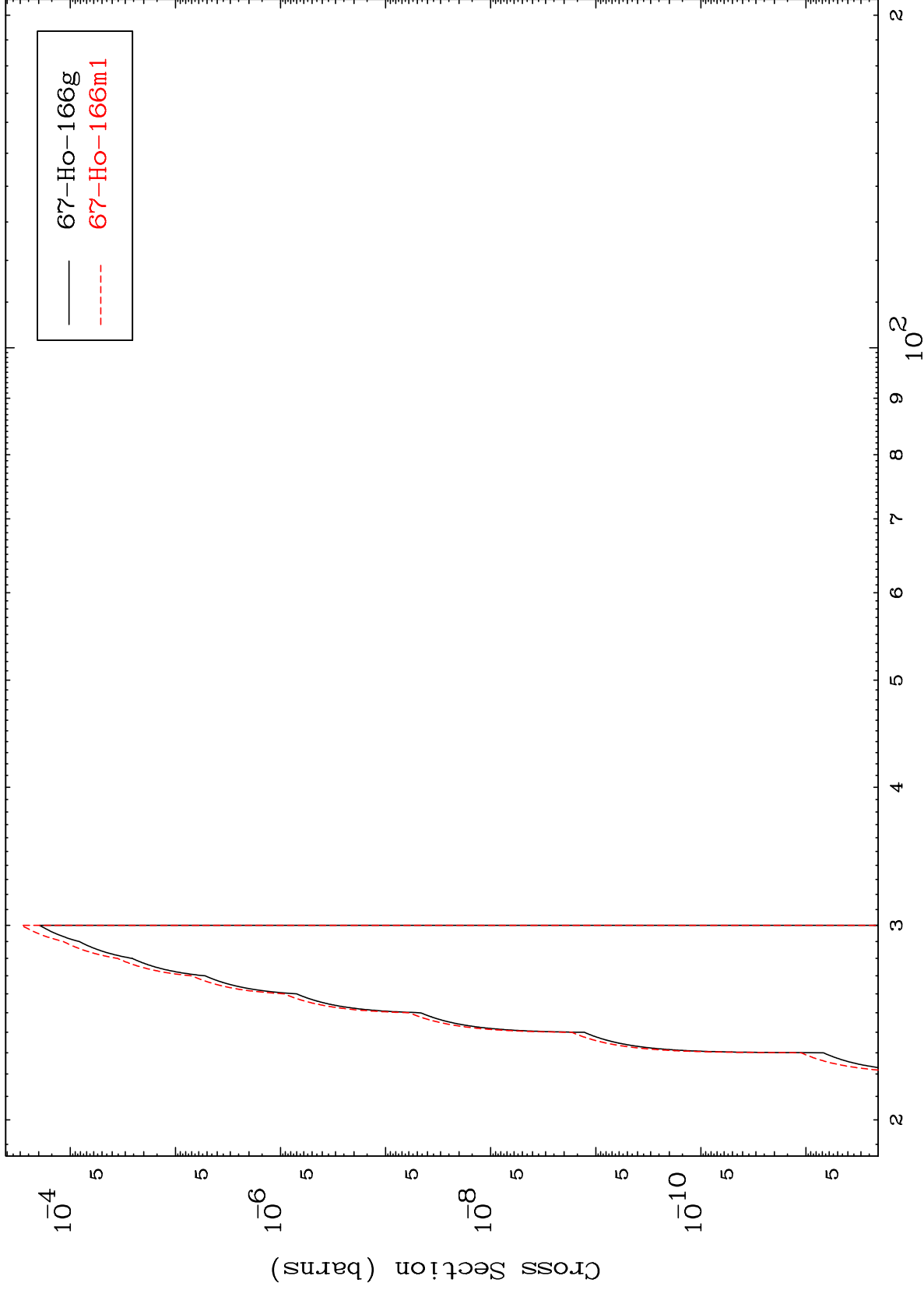
68-Er-169

MAT 6846

(n,2n) d

68-Er-169

Radionuclide Production Cross Section



69

Incident Energy (MeV)

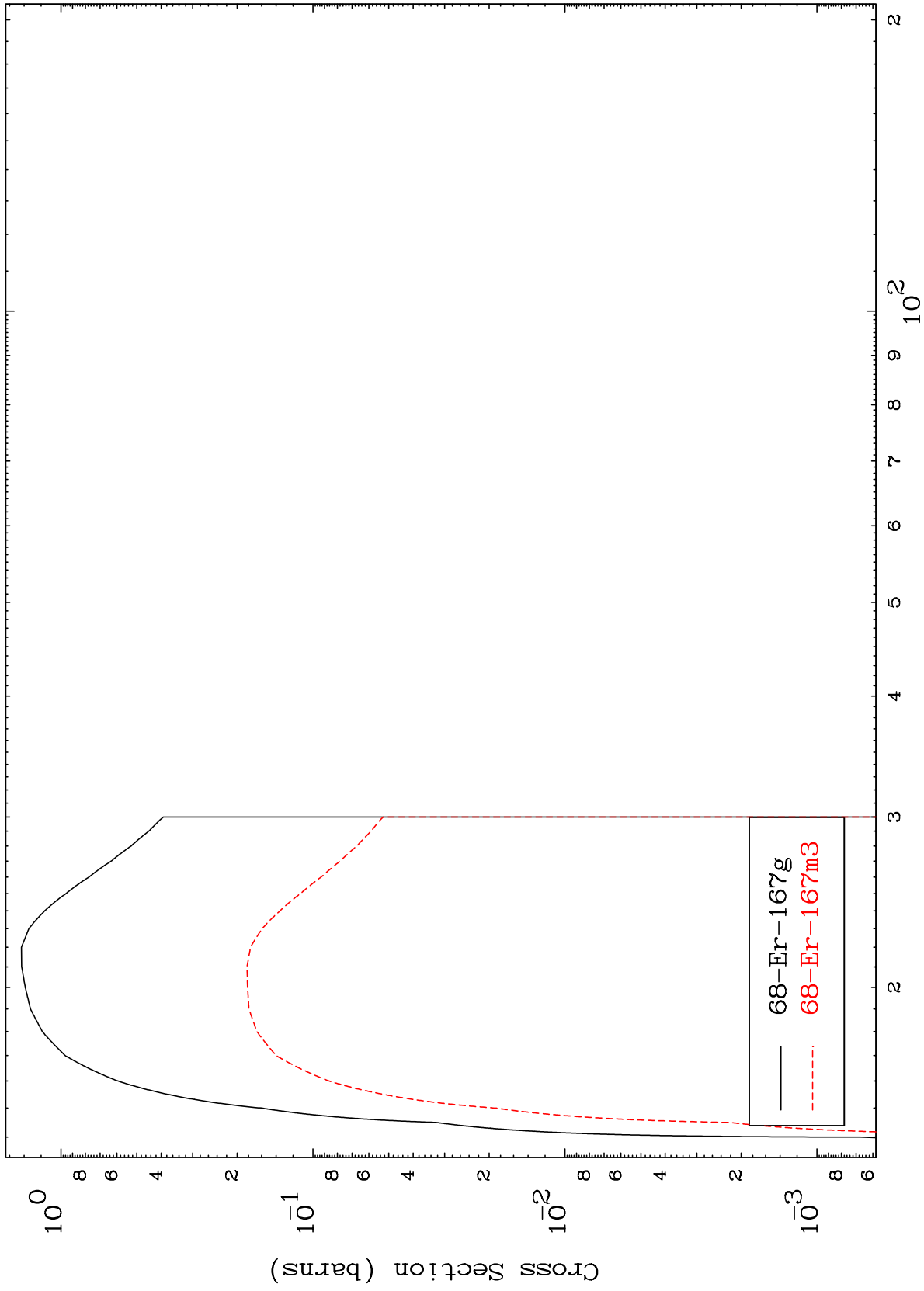
68-Er-169

MAT 6846

(n,3n)

68-Er-169

Radionuclide Production Cross Section



70

Incident Energy (MeV)

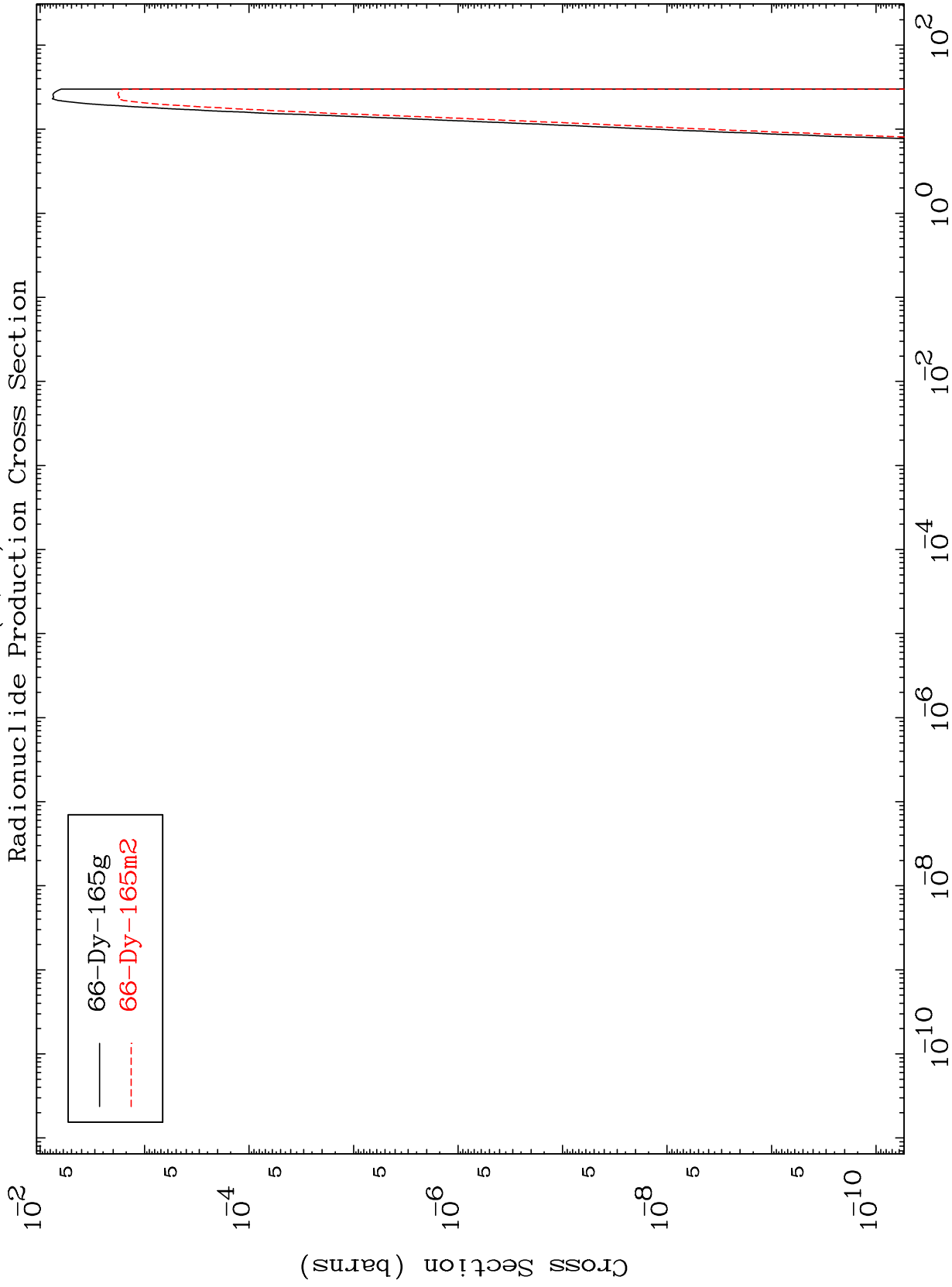
68-Er-169

MAT 6846

(n,n') α

68-Er-169

Radionuclide Production Cross Section



71

Incident Energy (MeV)

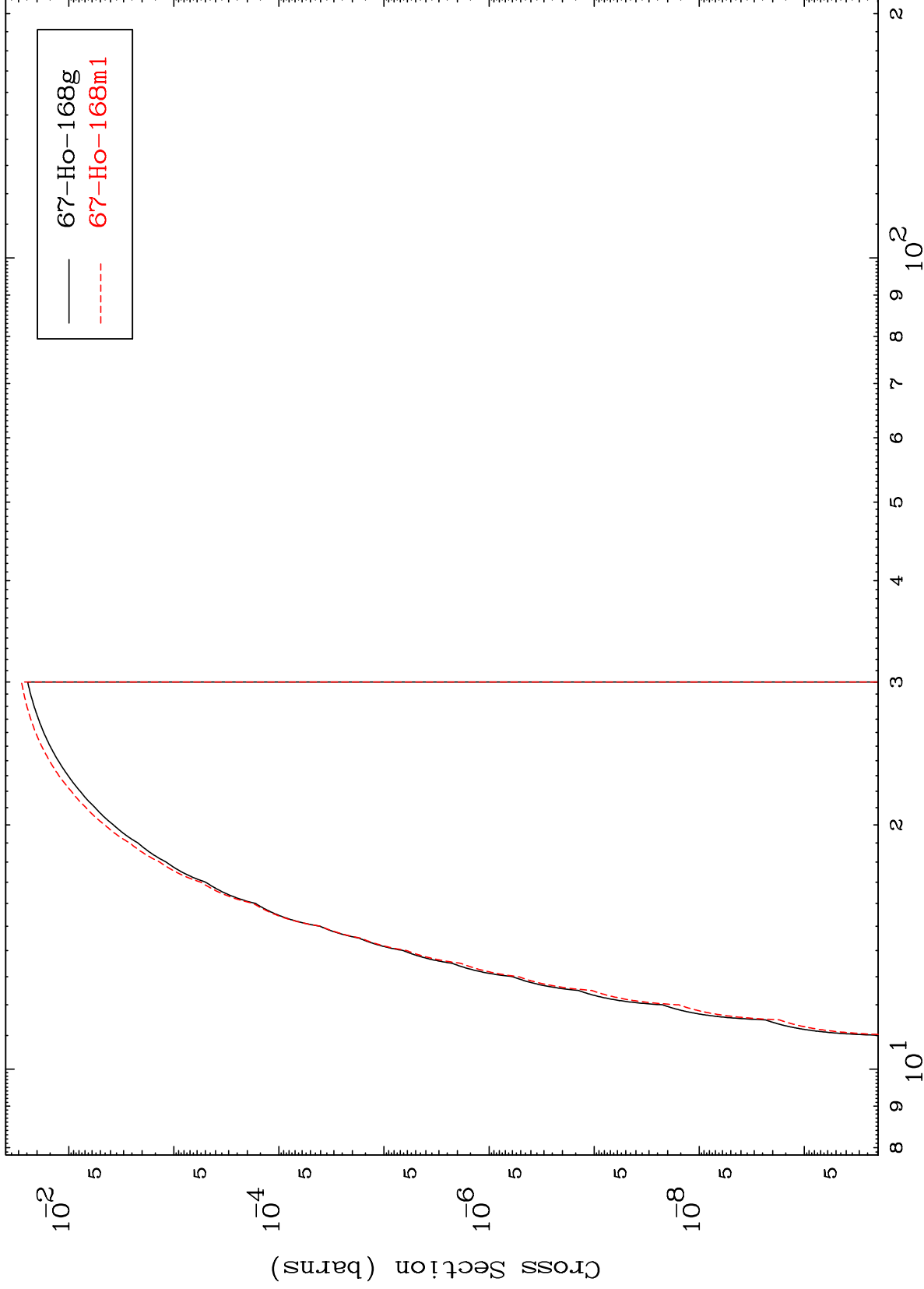
68-Er-169

MAT 6846

(n,n') p

68-Er-169

Radionuclide Production Cross Section



72

Incident Energy (MeV)

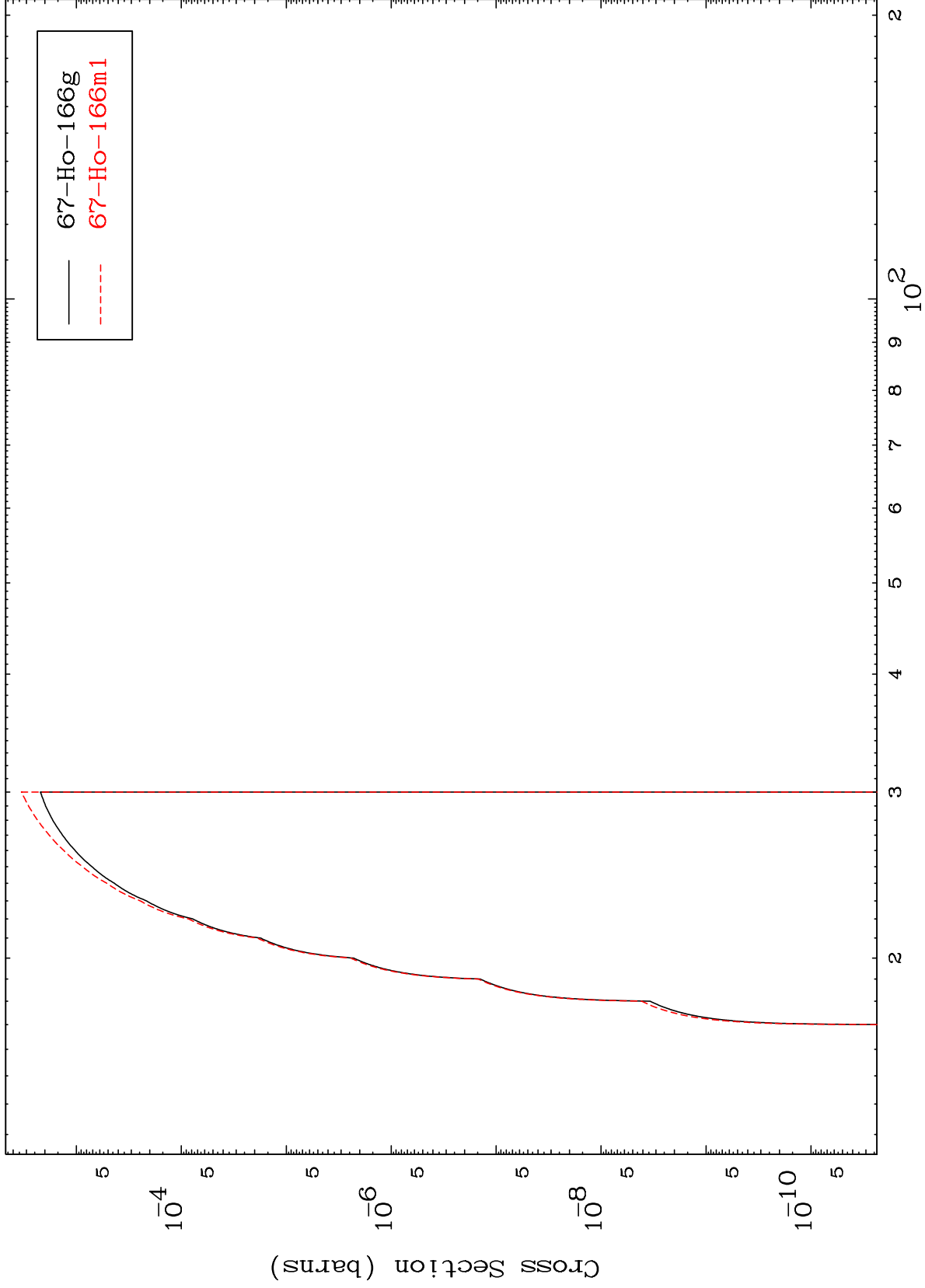
68-Er-169

MAT 6846

(n,n') t

68-Er-169

Radionuclide Production Cross Section



73

Incident Energy (MeV)

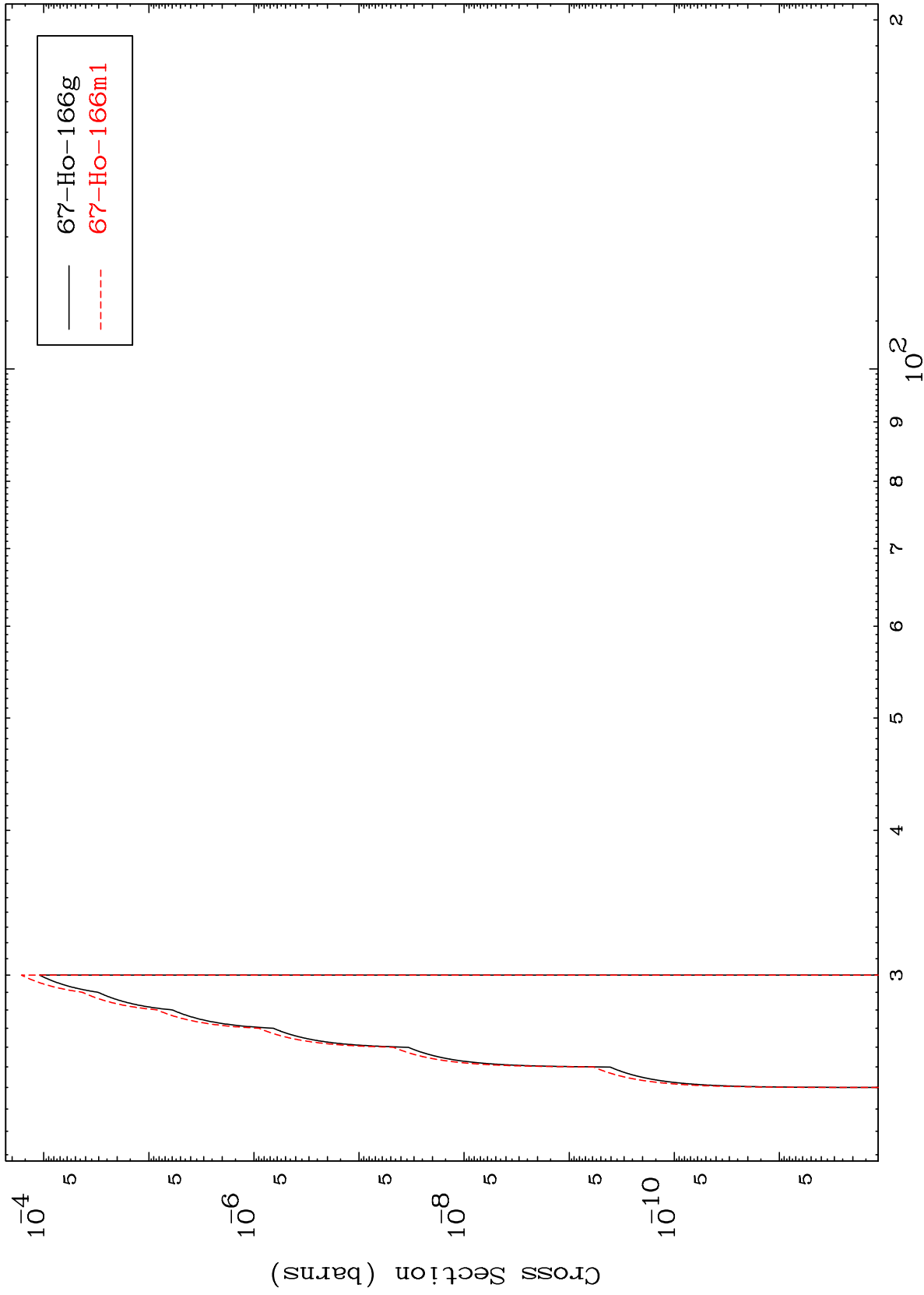
68-Er-169

MAT 6846

(n,3n) p

68-Er-169

Radionuclide Production Cross Section



74

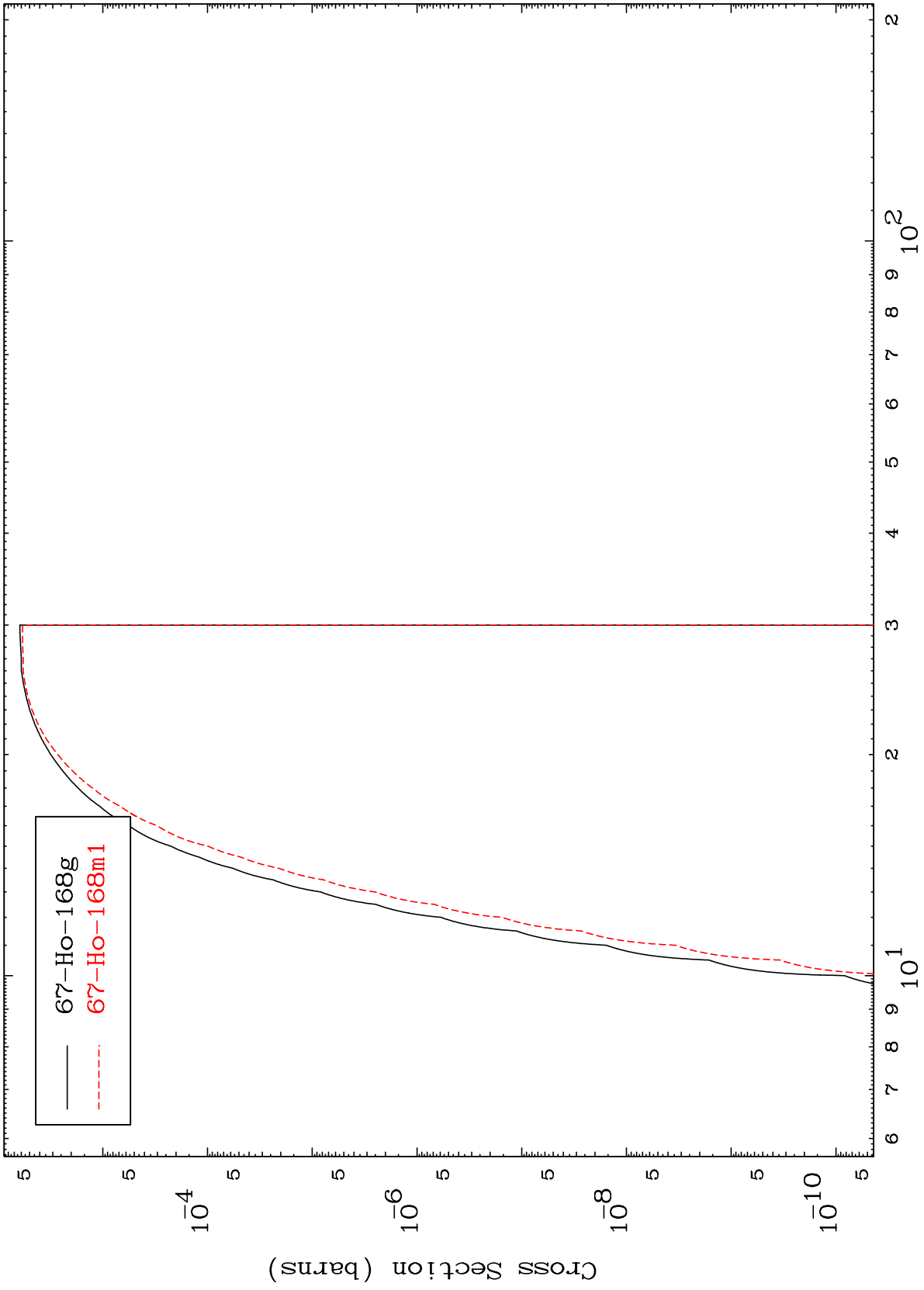
Incident Energy (MeV)

68-Er-169

MAT 6846

68-Er-169

(n,d)
Radionuclide Production Cross Section



75

Incident Energy (MeV)

68-Er-169