

Program EVALPLOT
(Version 2018-1)

by

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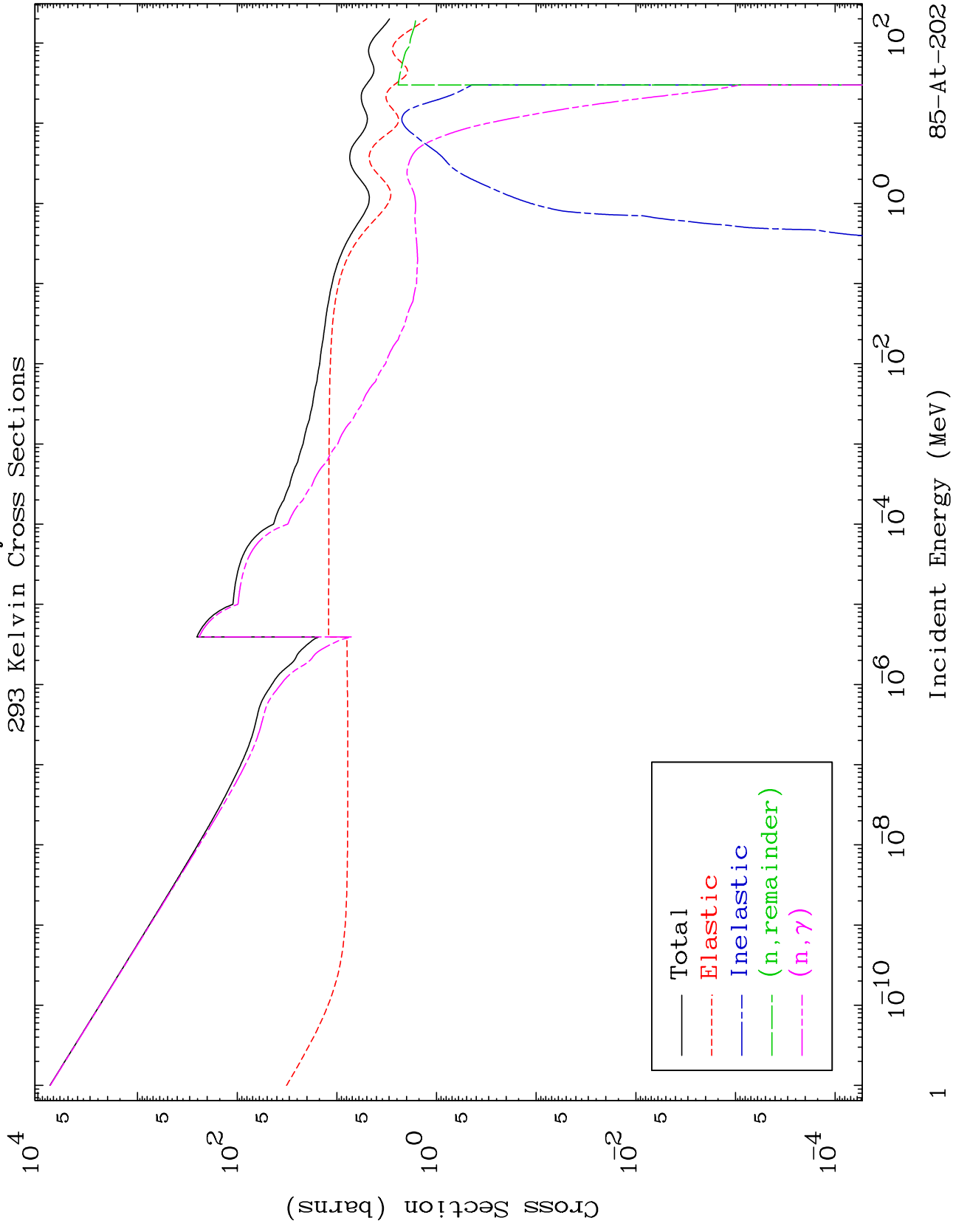
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8522

Major
293 Kelvin Cross Sections

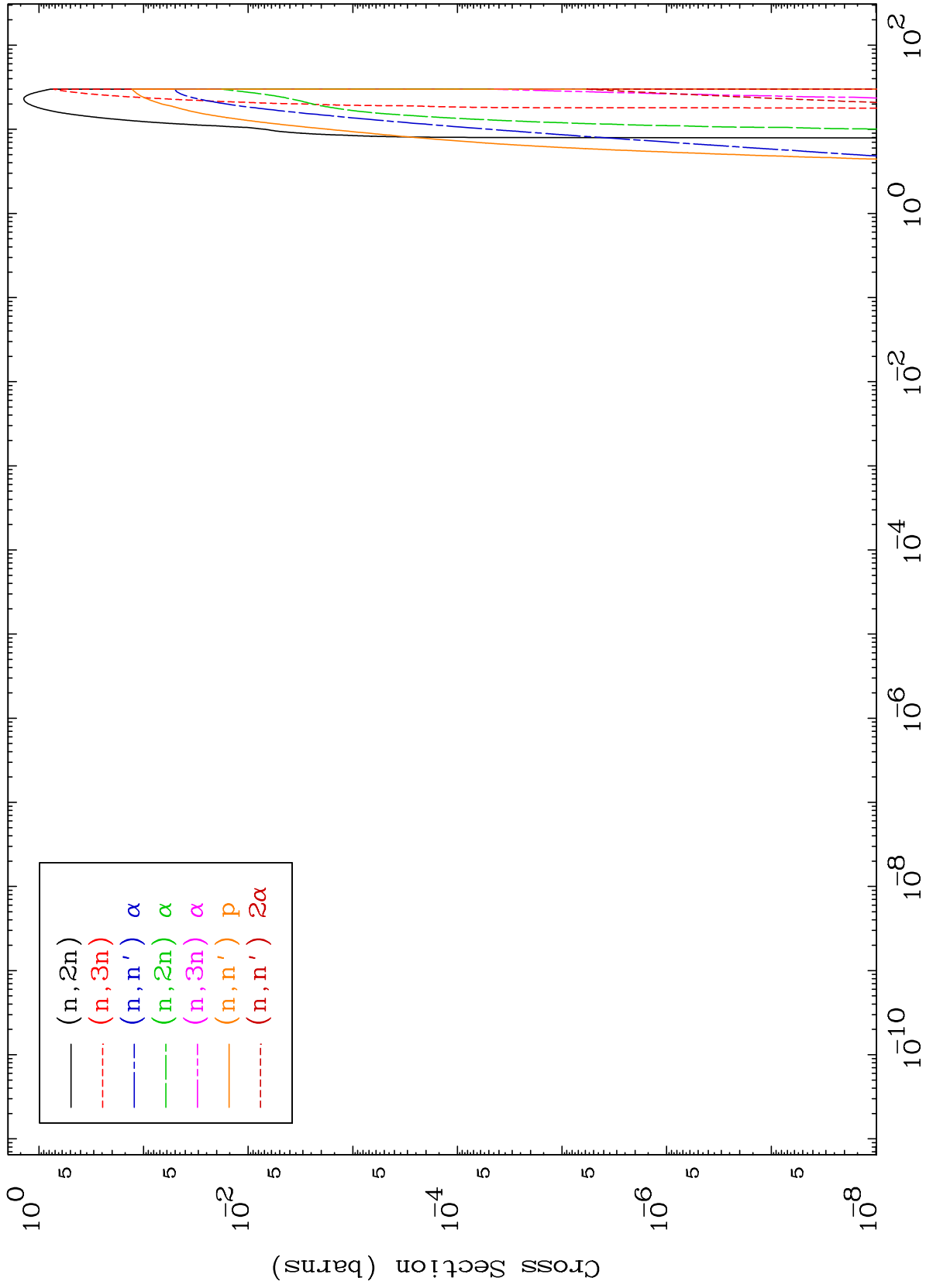
85-At-202



MAT 8522

Neutron Production
293 Kelvin Cross Sections

85-At-202



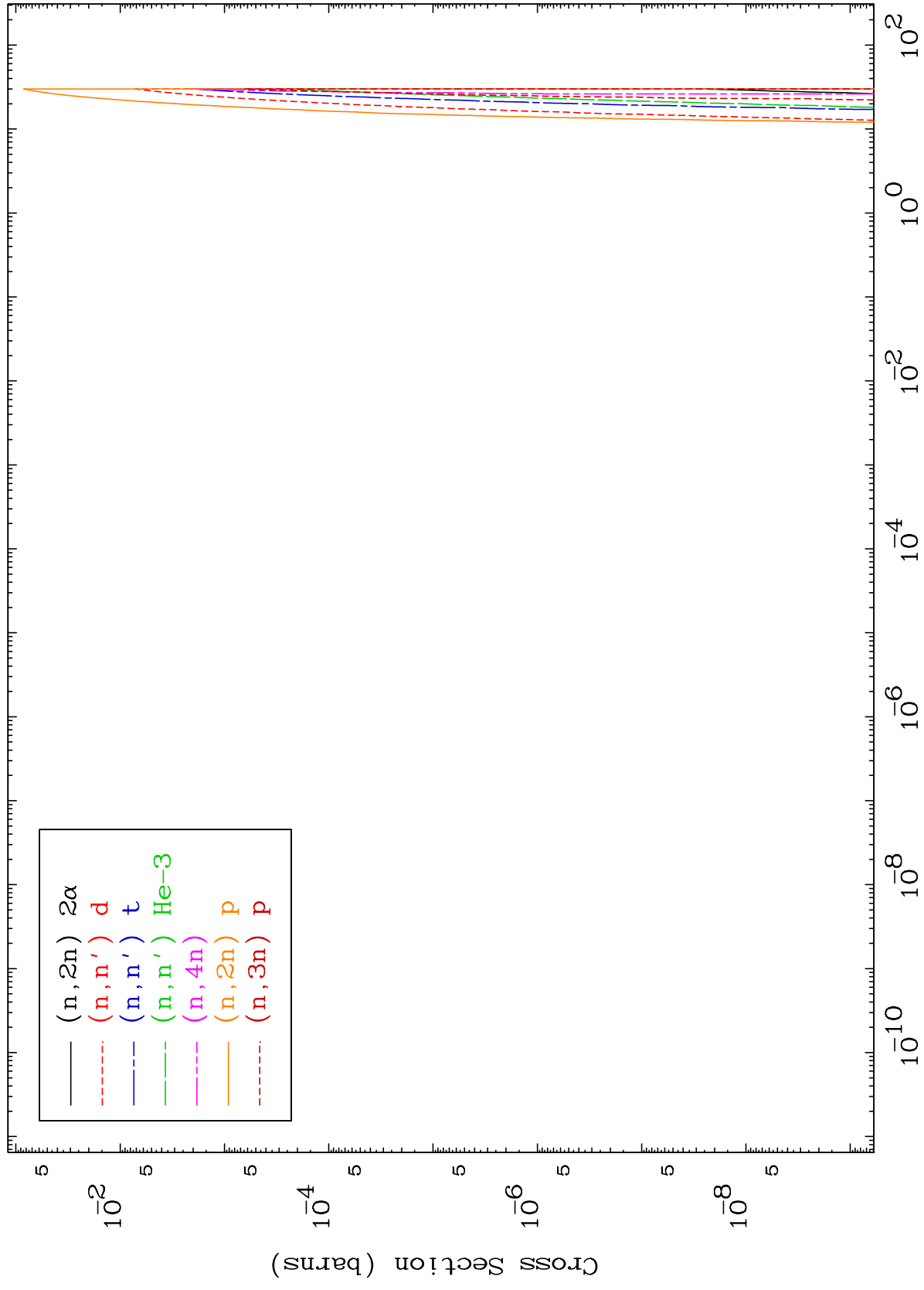
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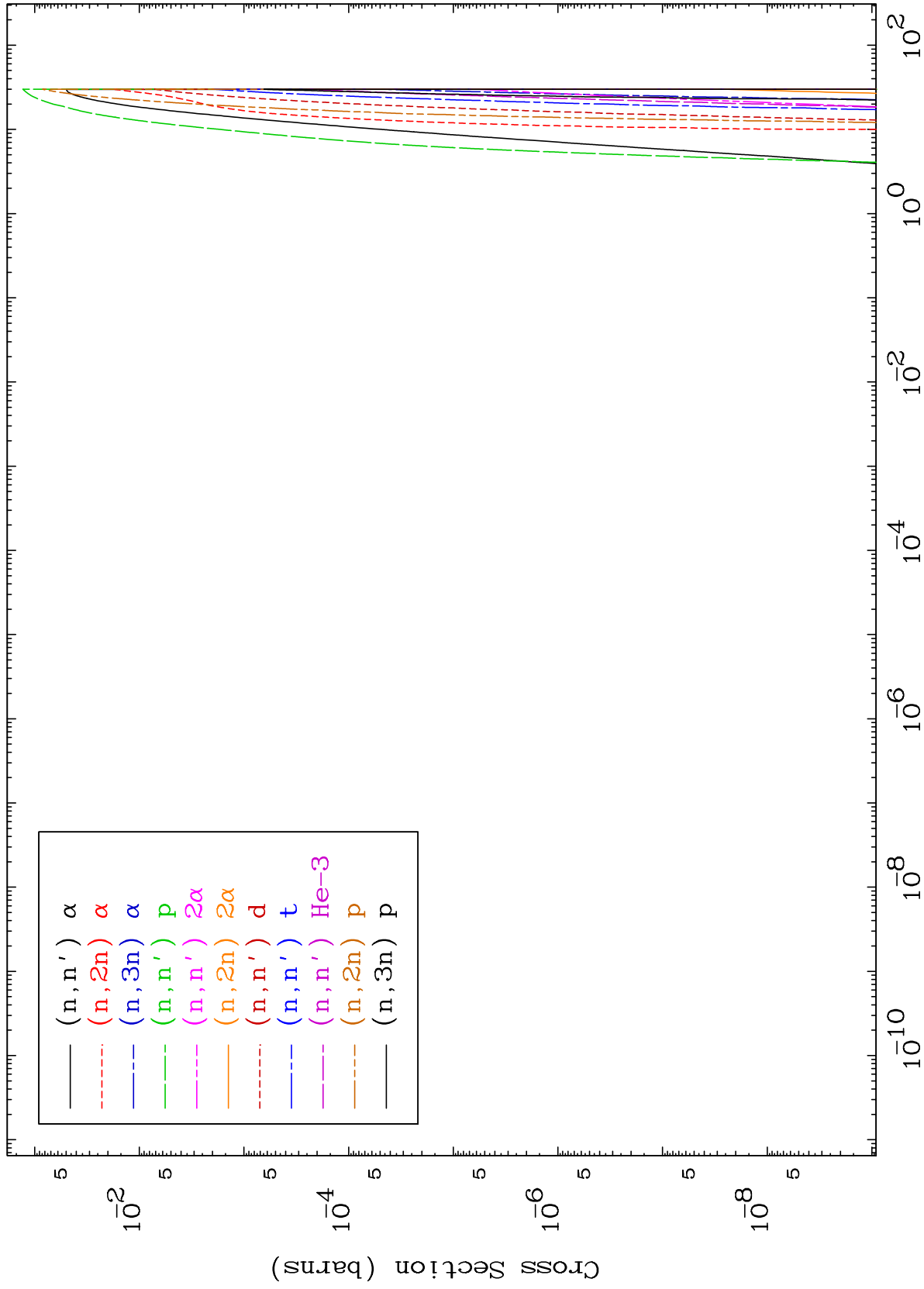
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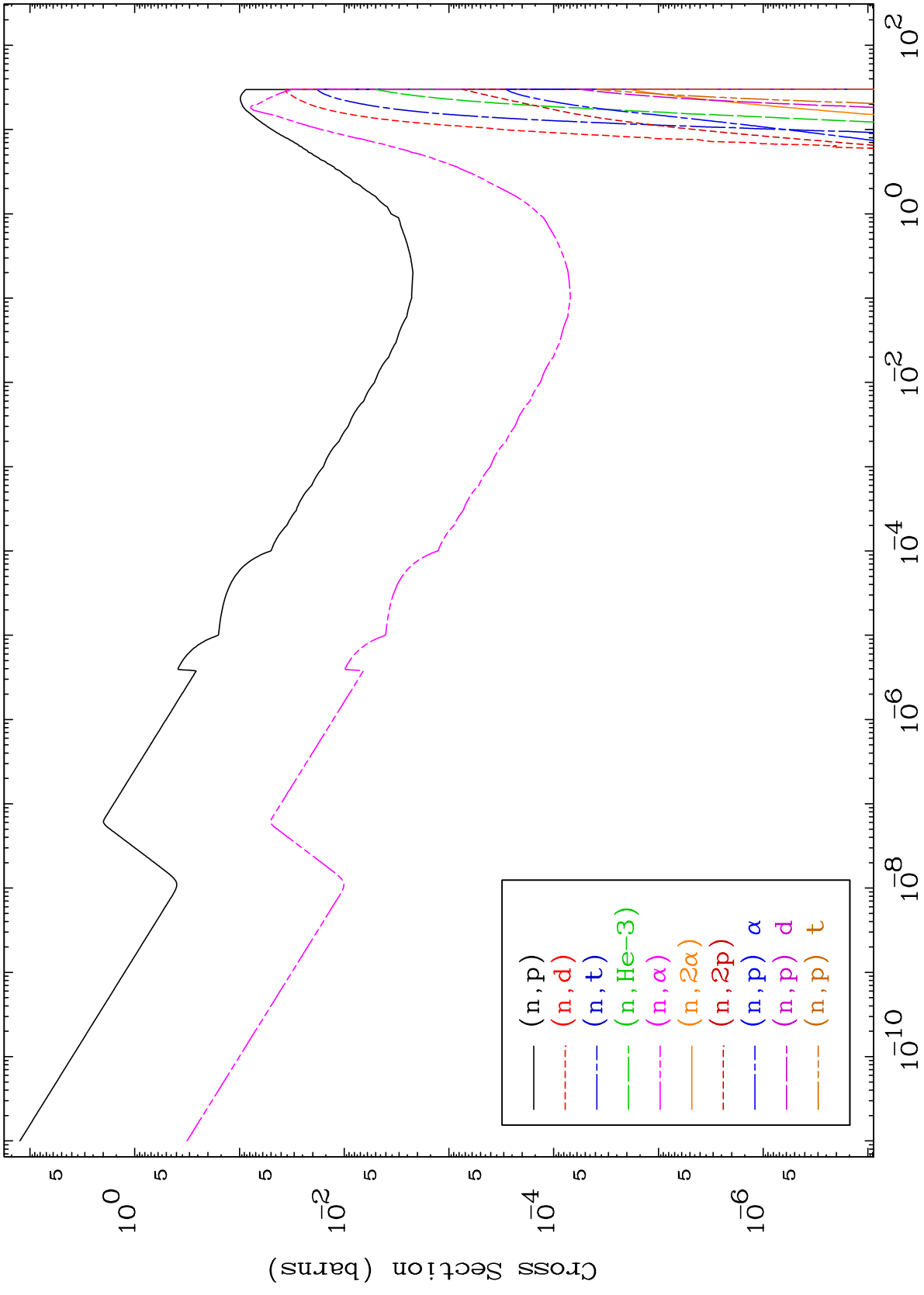
MAT 8522

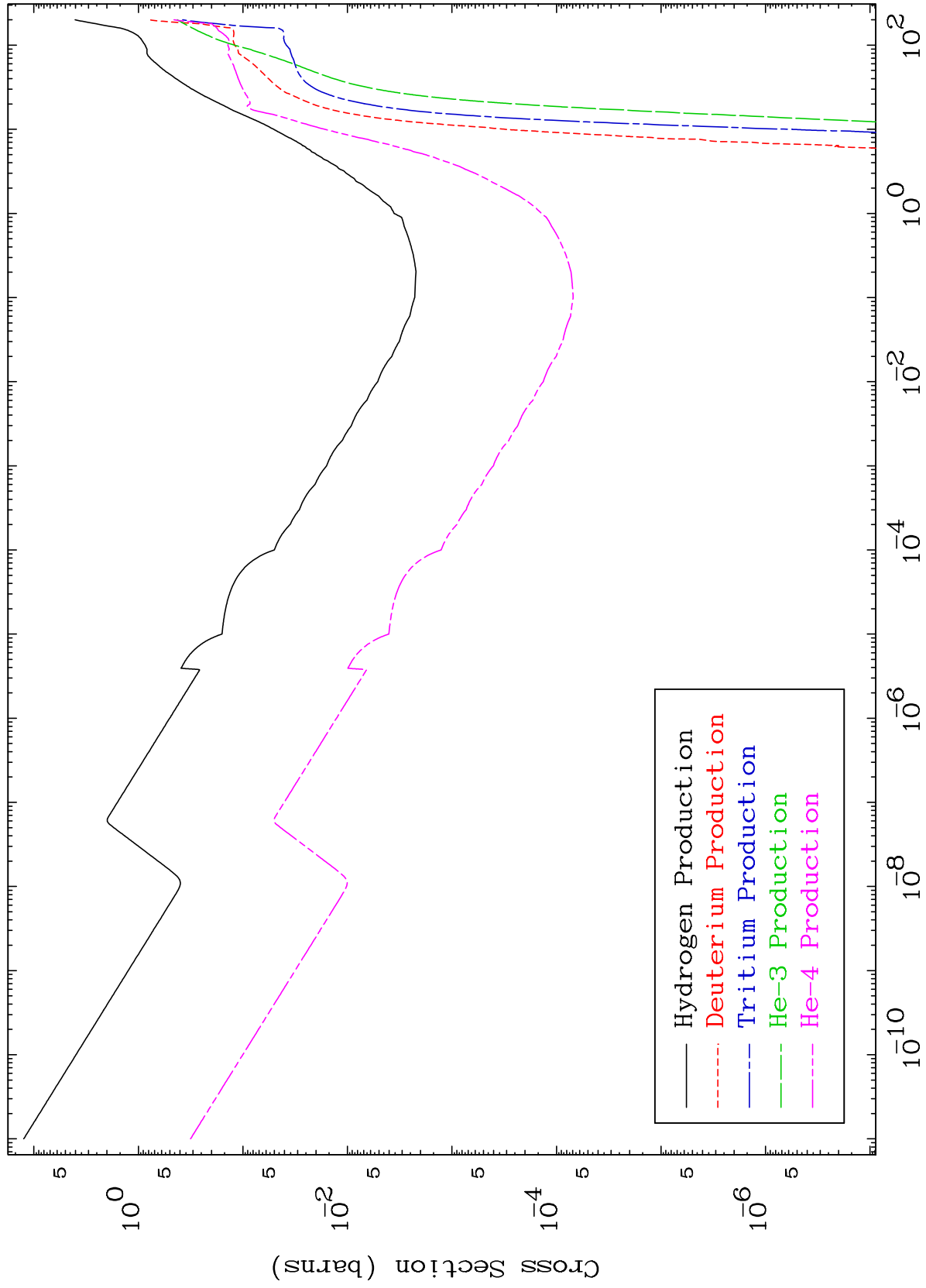
Neutron Production
293 Kelvin Cross Sections

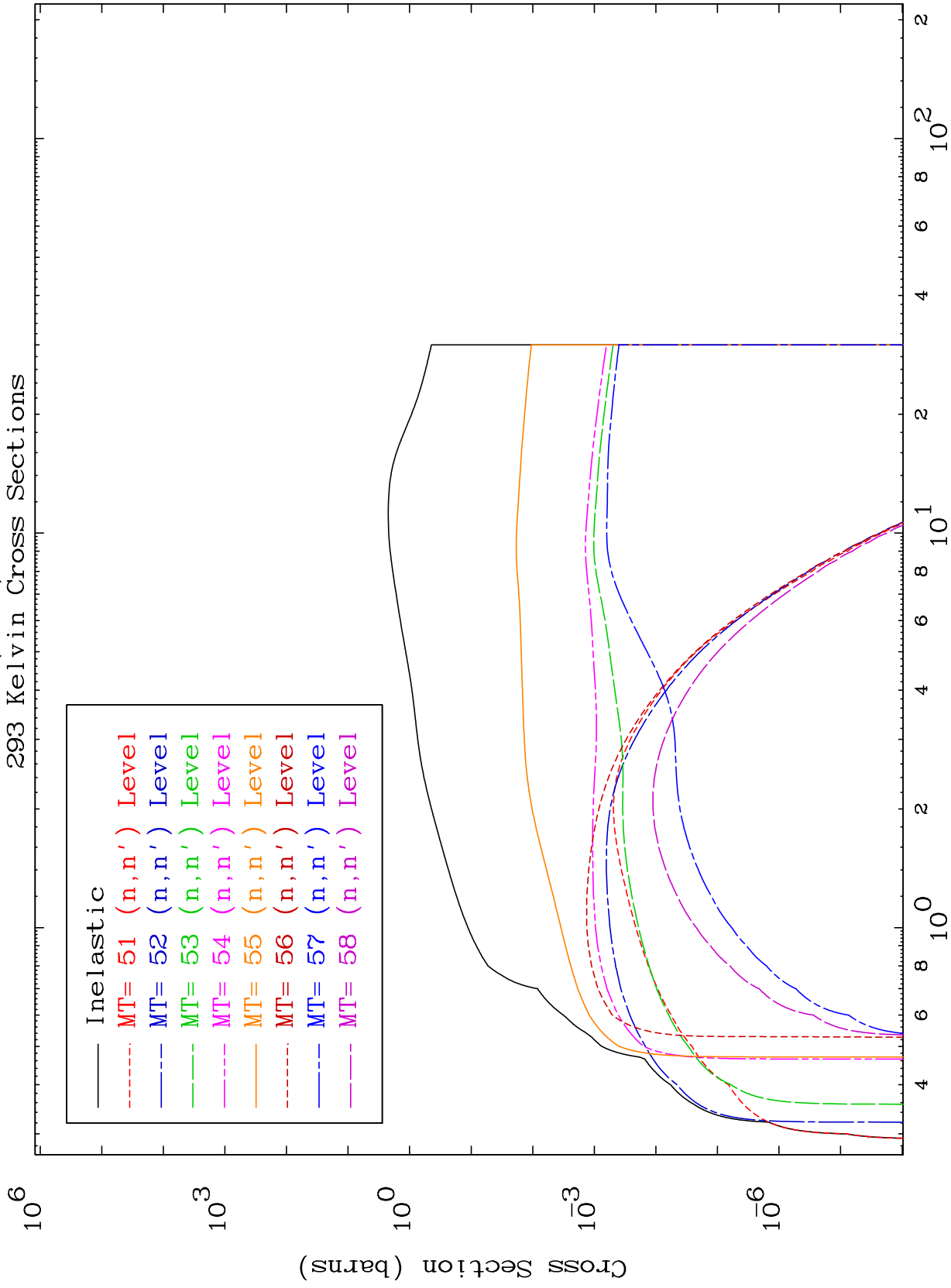
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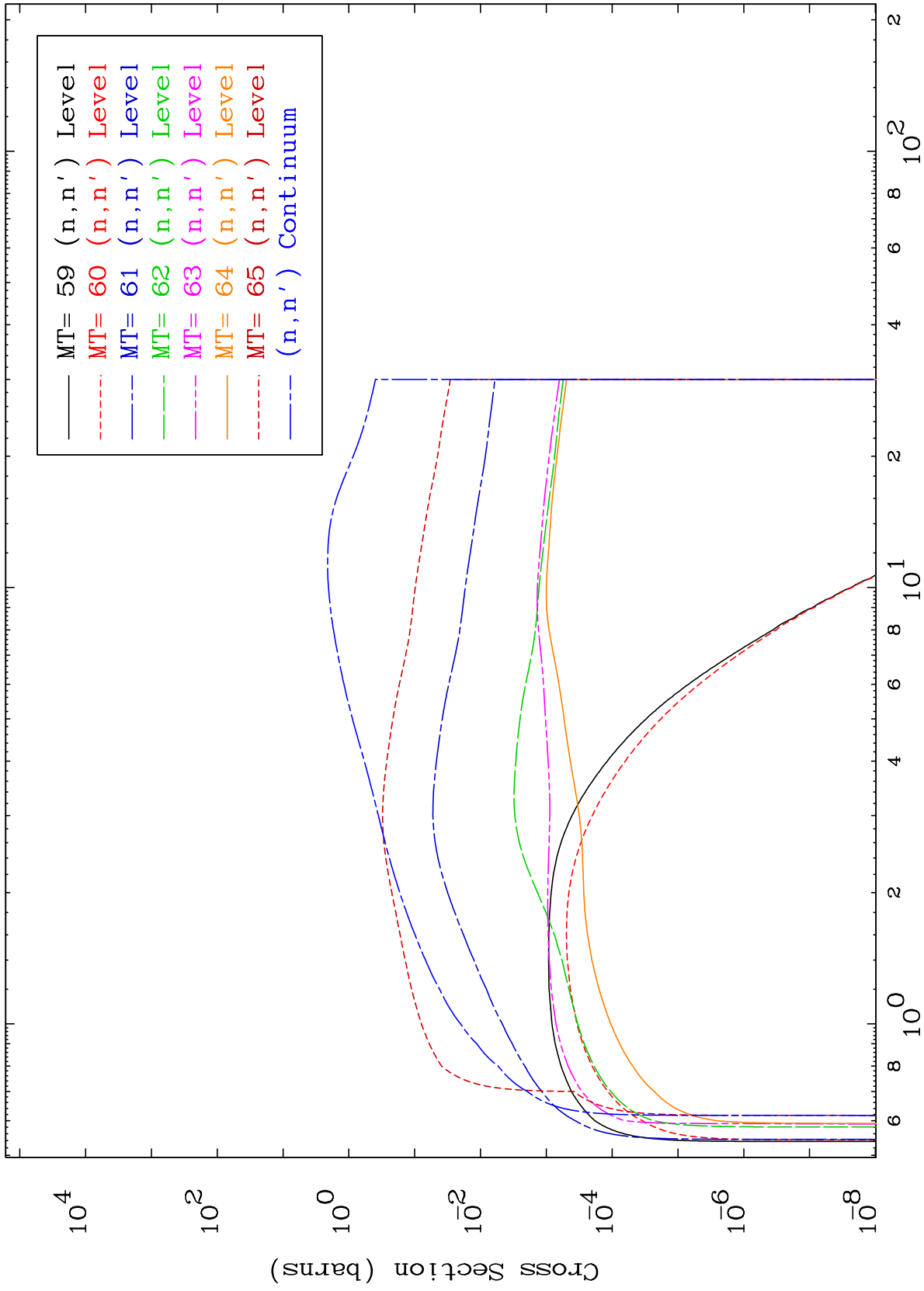




MAT 8522

(n,n') Level
293 Kelvin Cross Sections

85-At-202



8

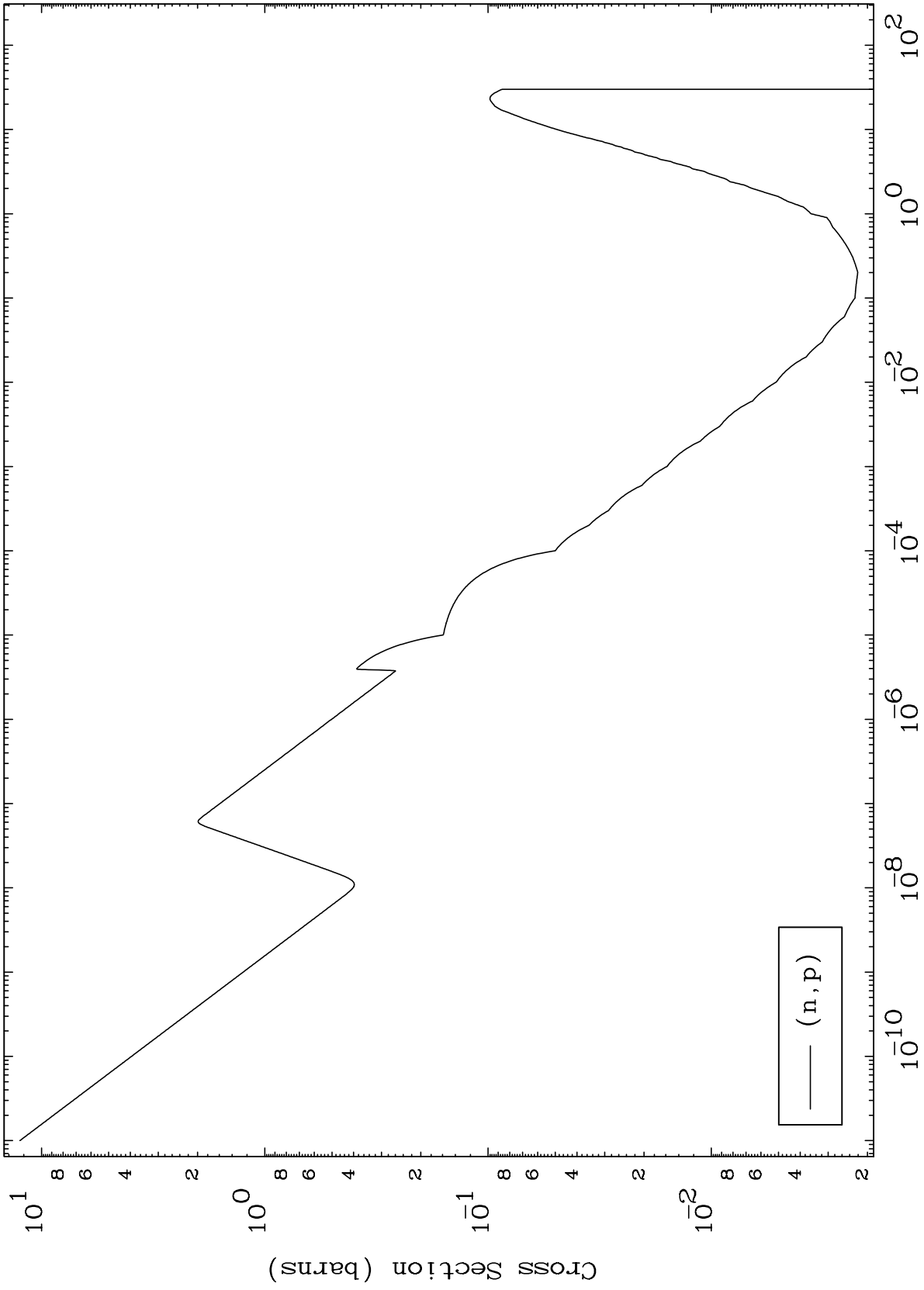
Incident Energy (MeV)

85-At-202

MAT 8522

(n,p) Levels
293 Kelvin Cross Sections

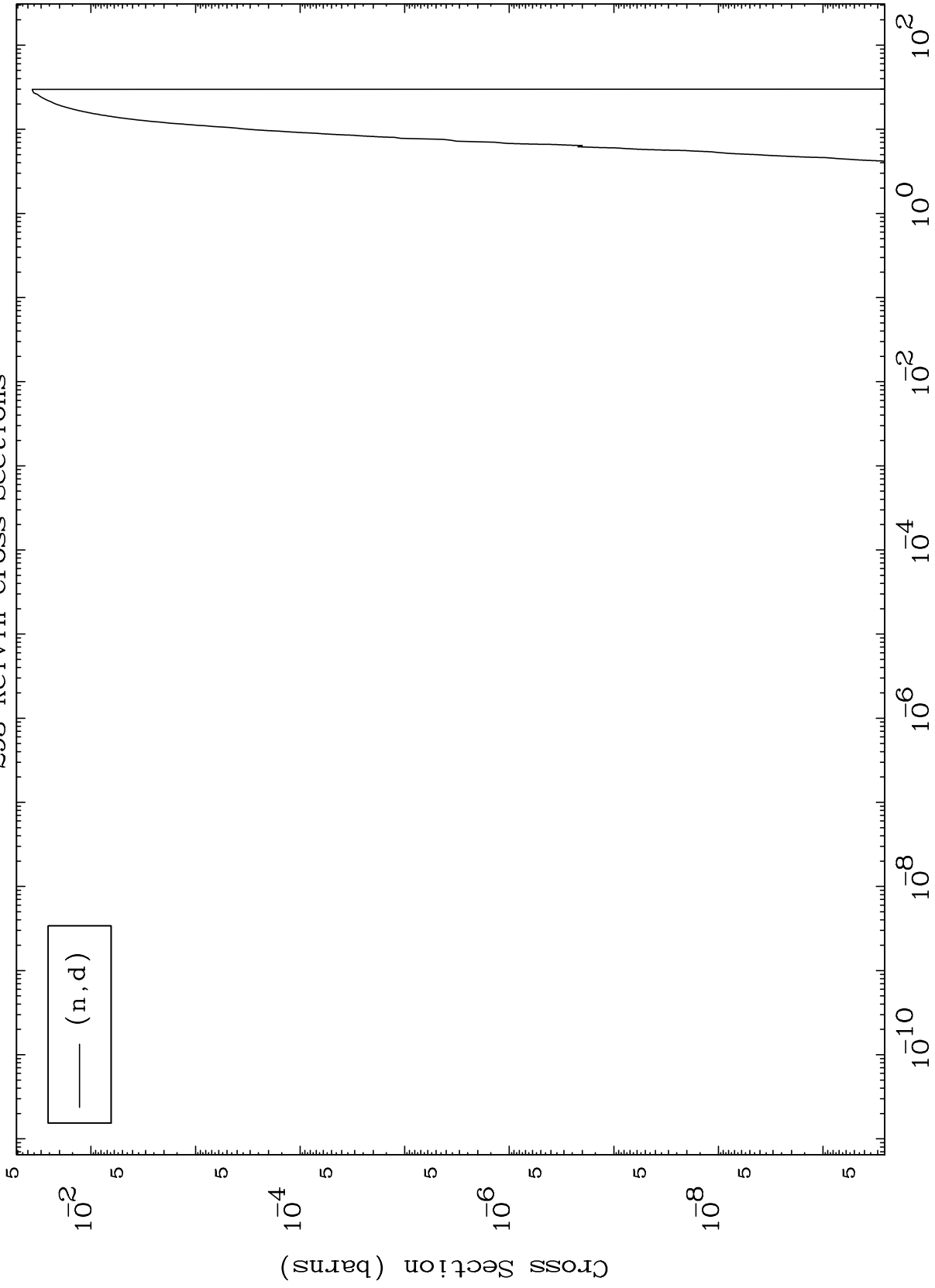
85-At-202



MAT 8522

(n,d) Levels
293 Kelvin Cross Sections

85-At-202



10

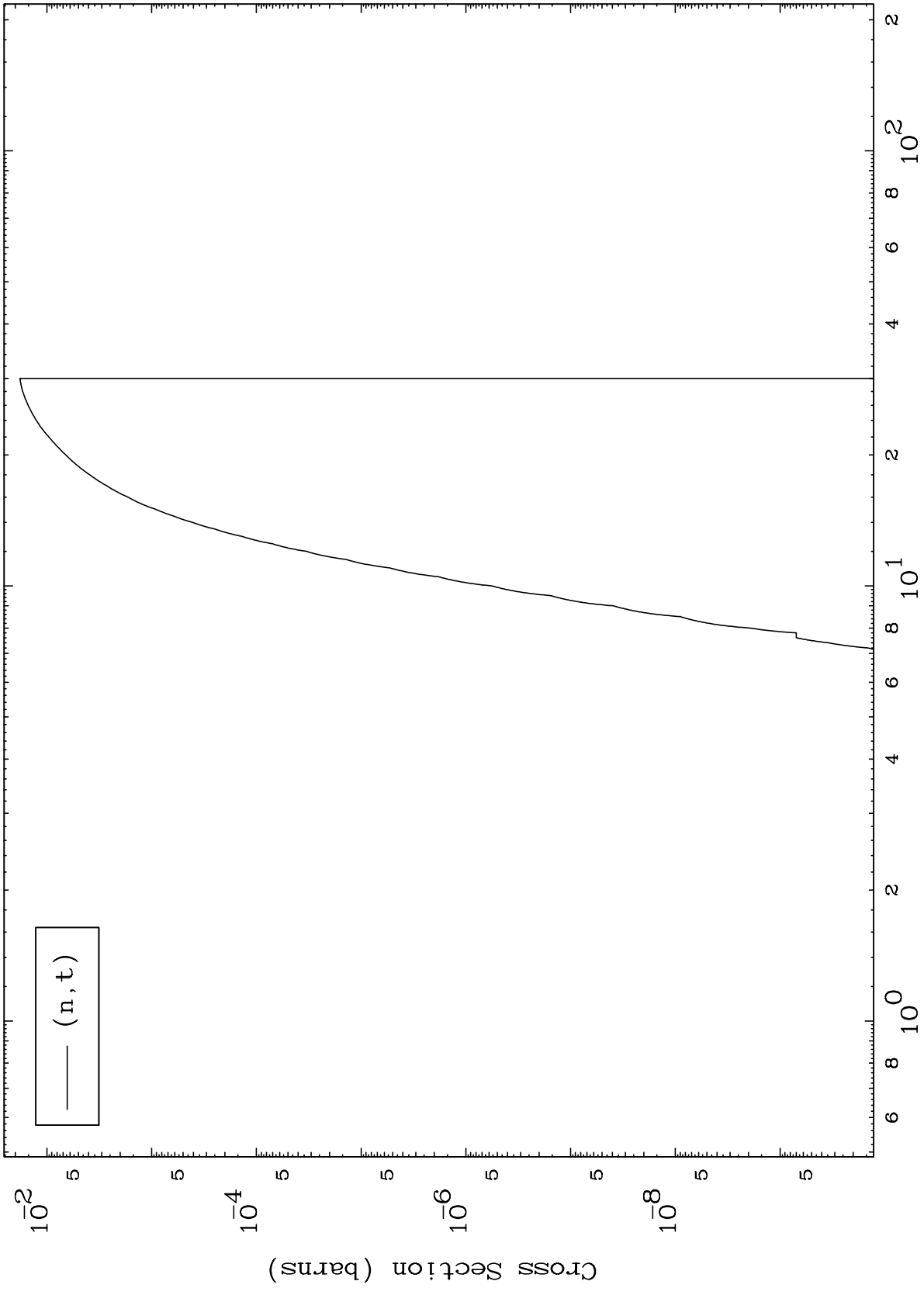
Incident Energy (MeV)

85-At-202

MAT 8522

(n,t) Levels
293 Kelvin Cross Sections

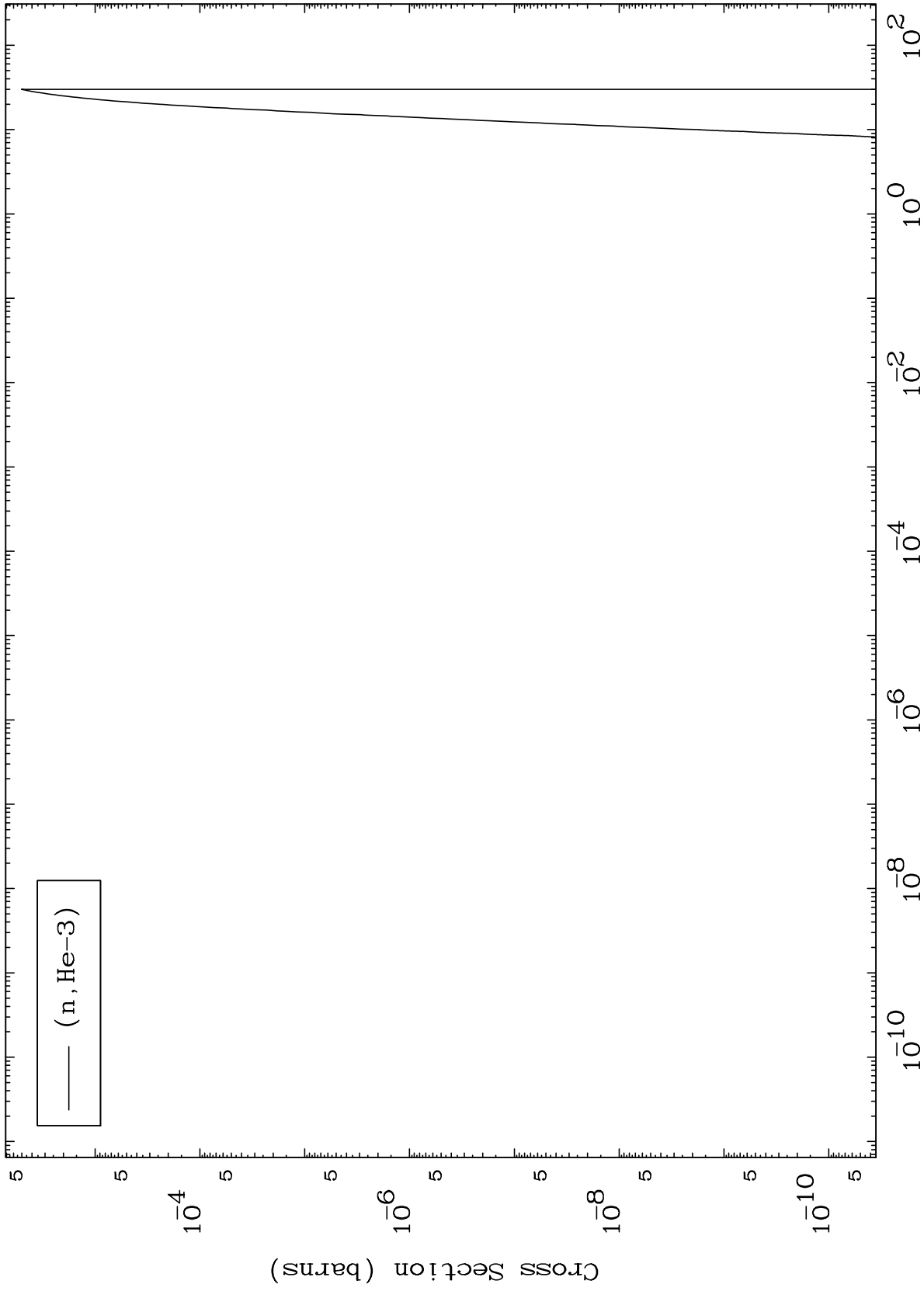
85-At-202



MAT 8522

(n,He3) Levels
293 Kelvin Cross Sections

85-At-202



12

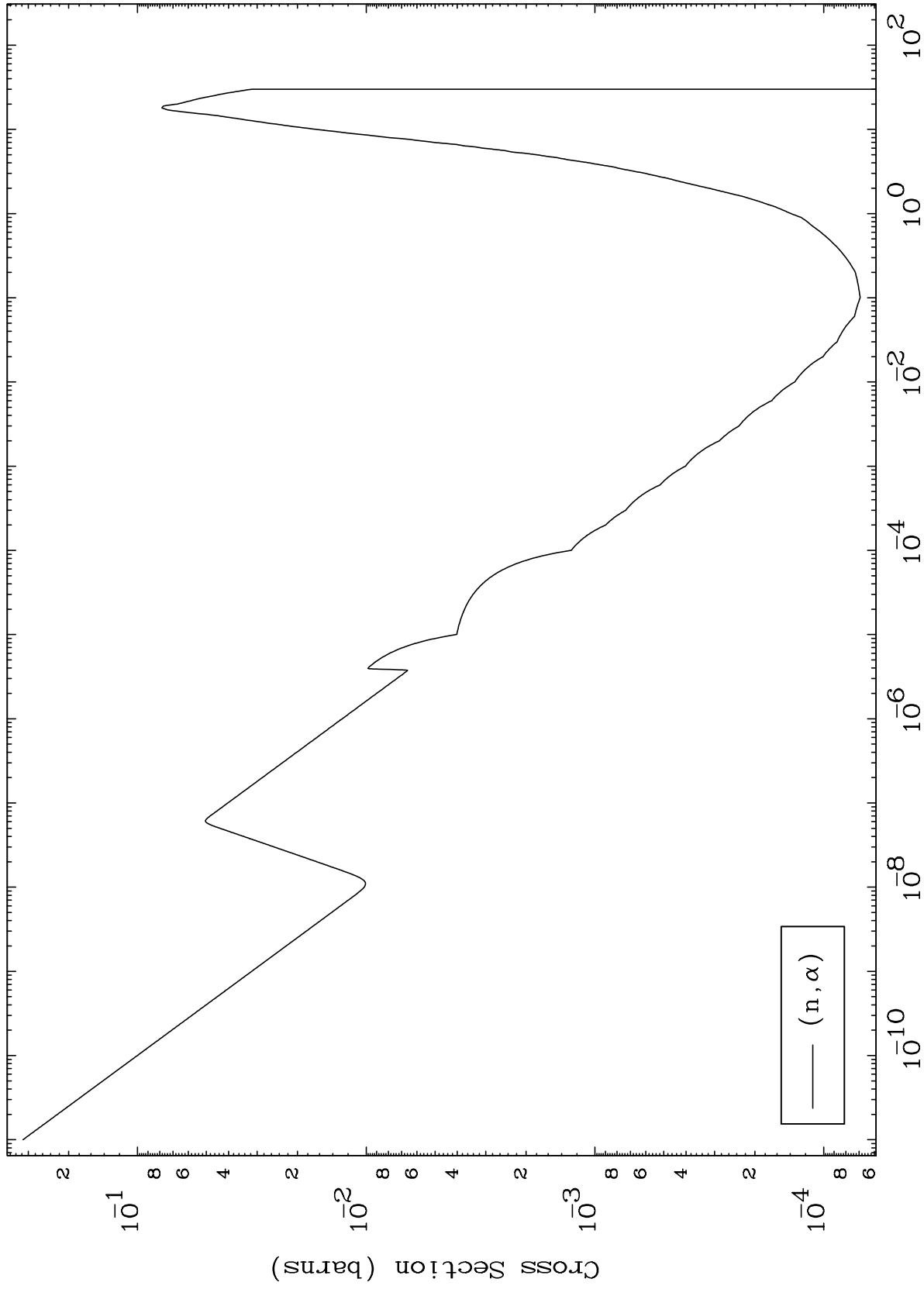
Incident Energy (MeV)

85-At-202

MAT 8522

(n,α) Levels
293 Kelvin Cross Sections

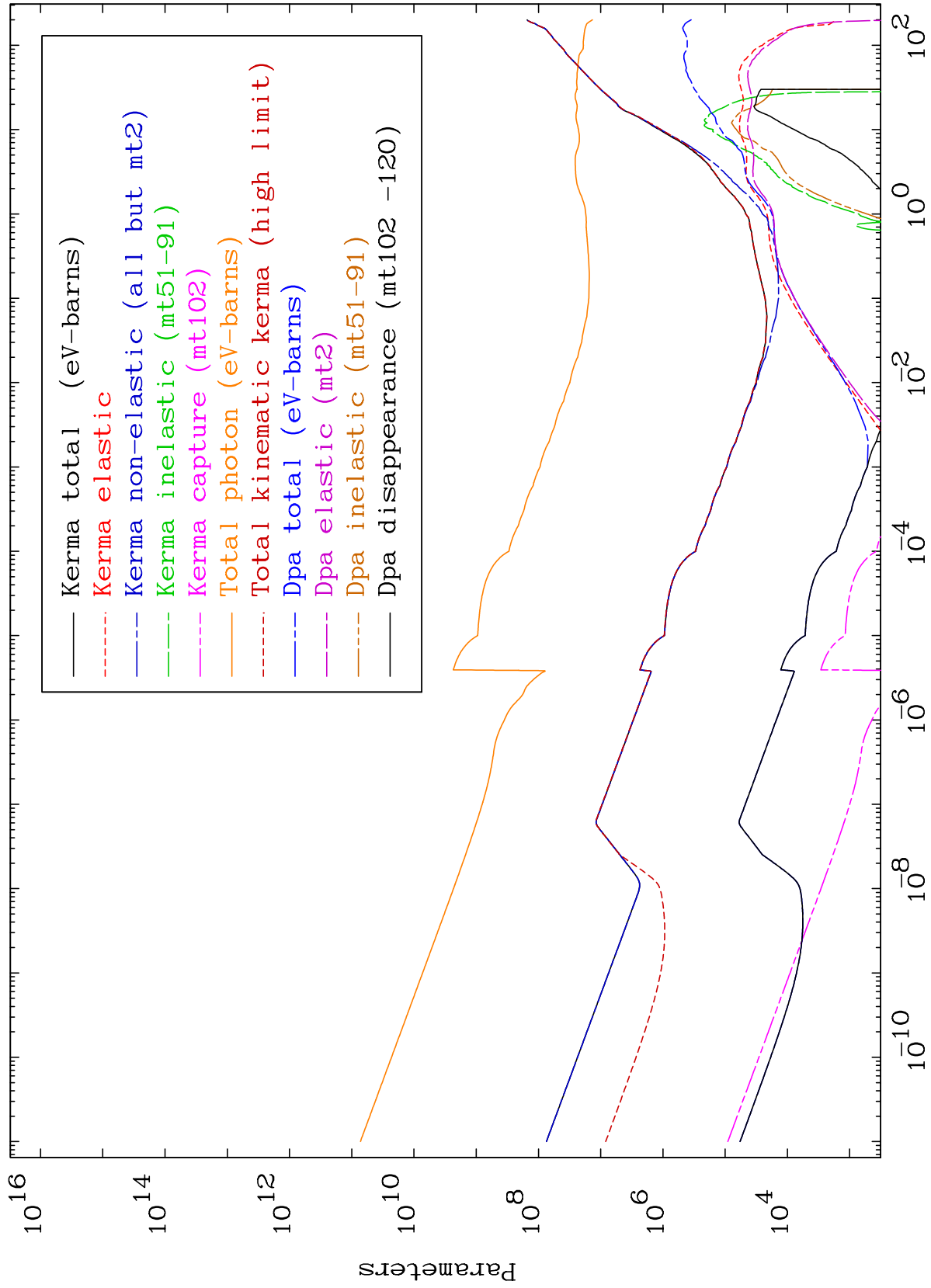
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Incident Energy (MeV)

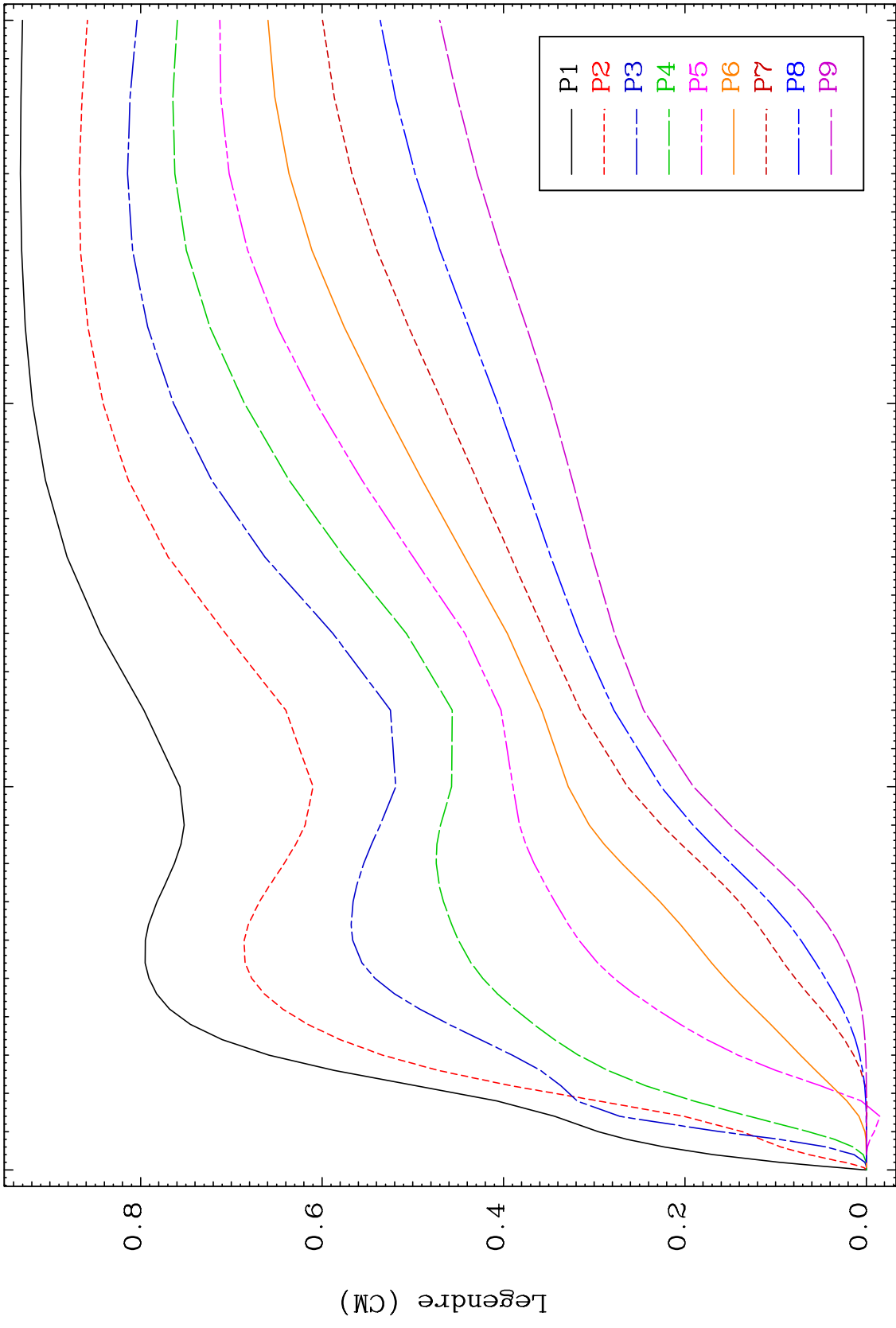
85-At-202



MAT 8522

Elastic Legendre Coefficients

85-At-202



15

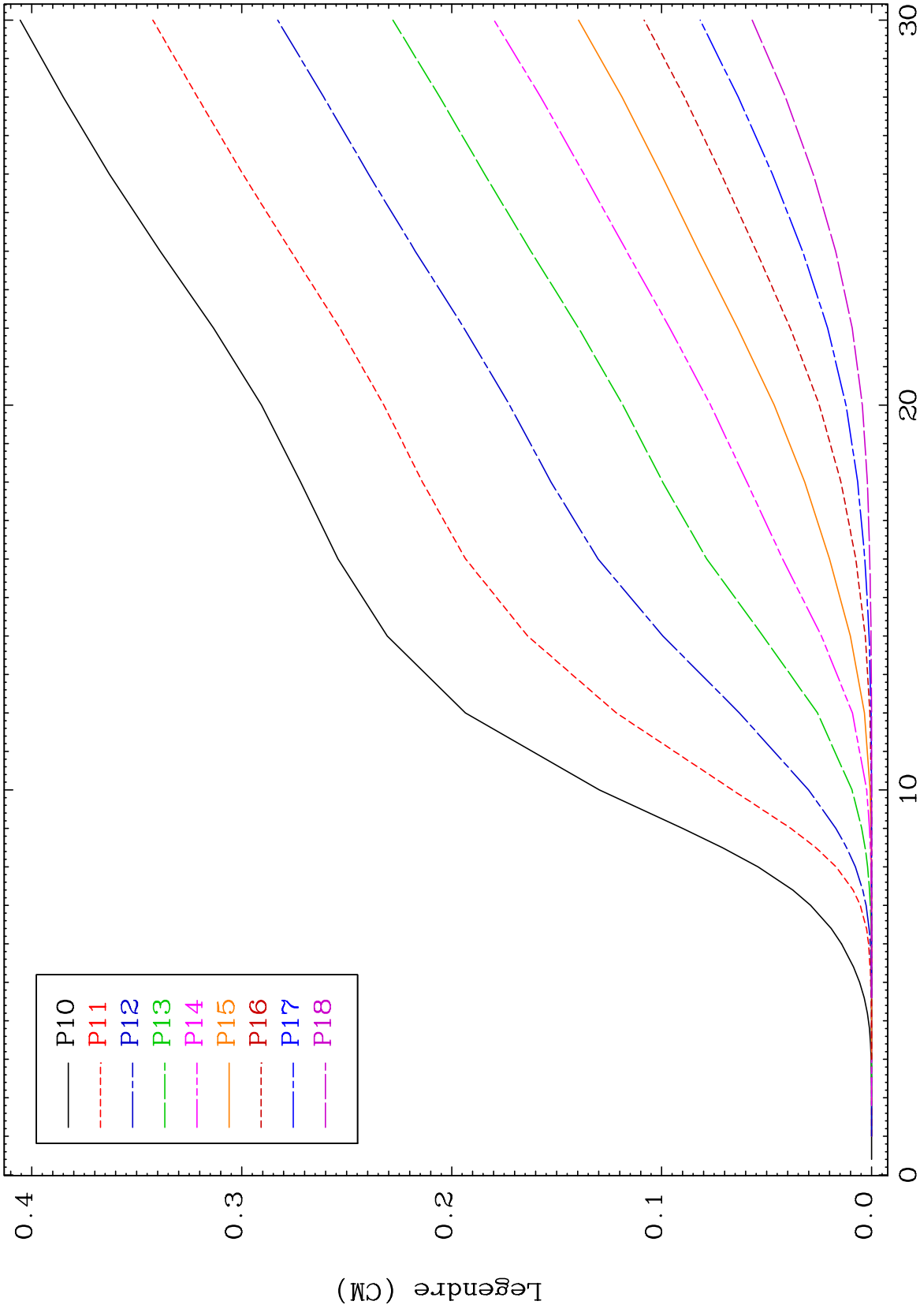
Incident Energy (MeV)

85-At-202

MAT 8522

Elastic Legendre Coefficients

85-At-202



16

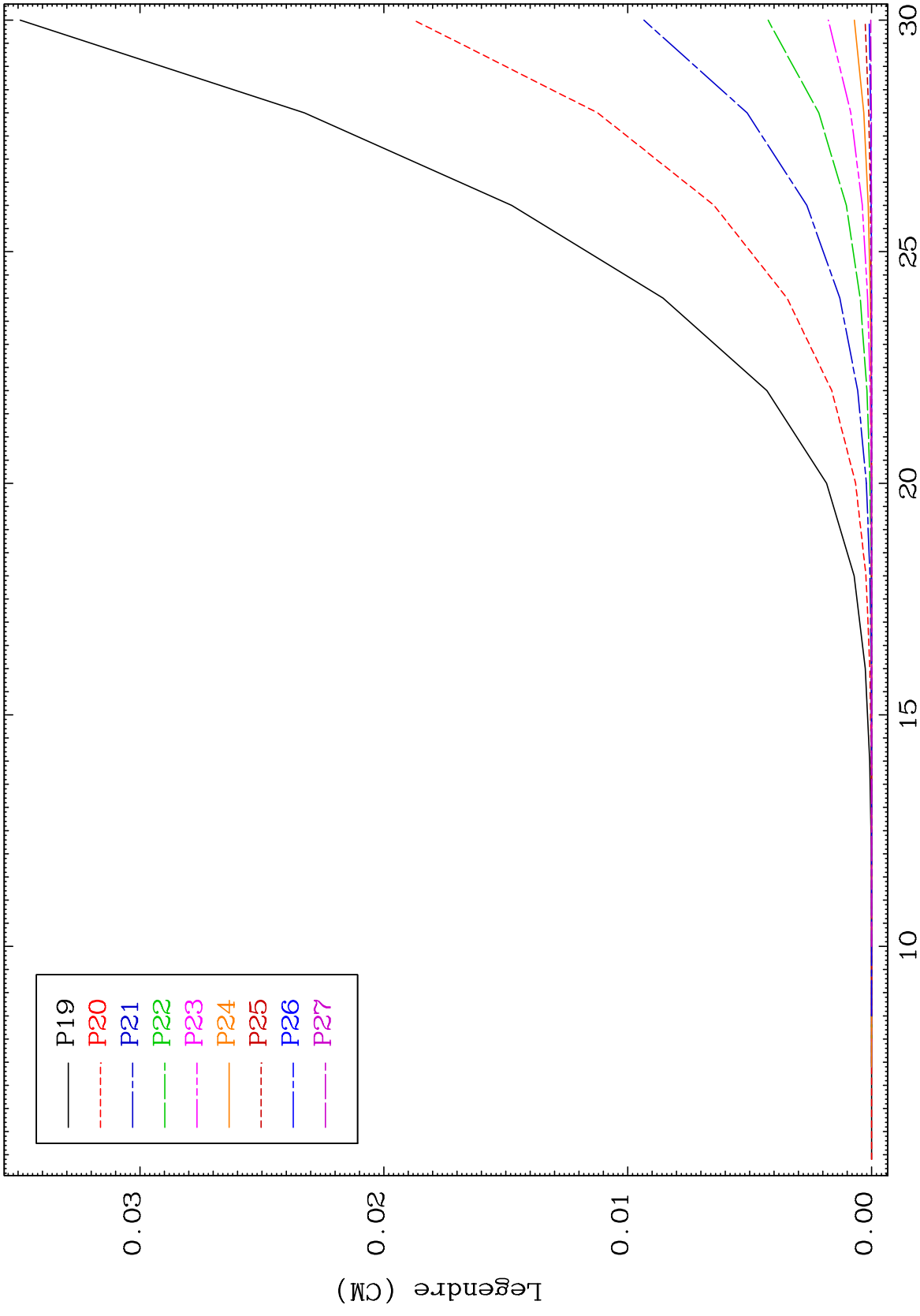
Incident Energy (MeV)

85-At-202

MAT 8522

Elastic Legendre Coefficients

85-At-202



17

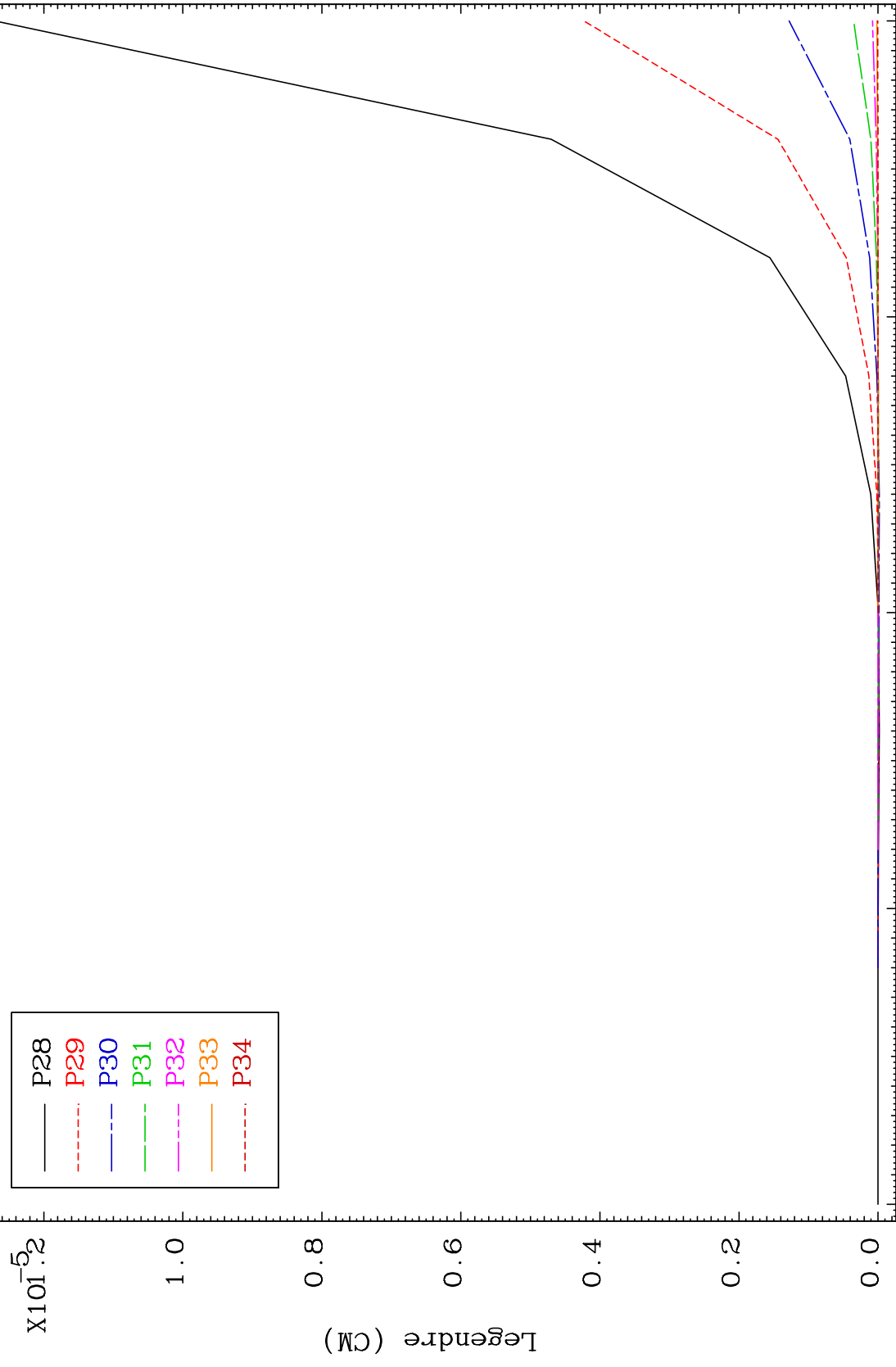
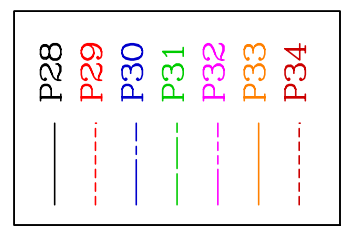
Incident Energy (MeV)

85-At-202

MAT 8522

Elastic Legendre Coefficients

85-At-202



18

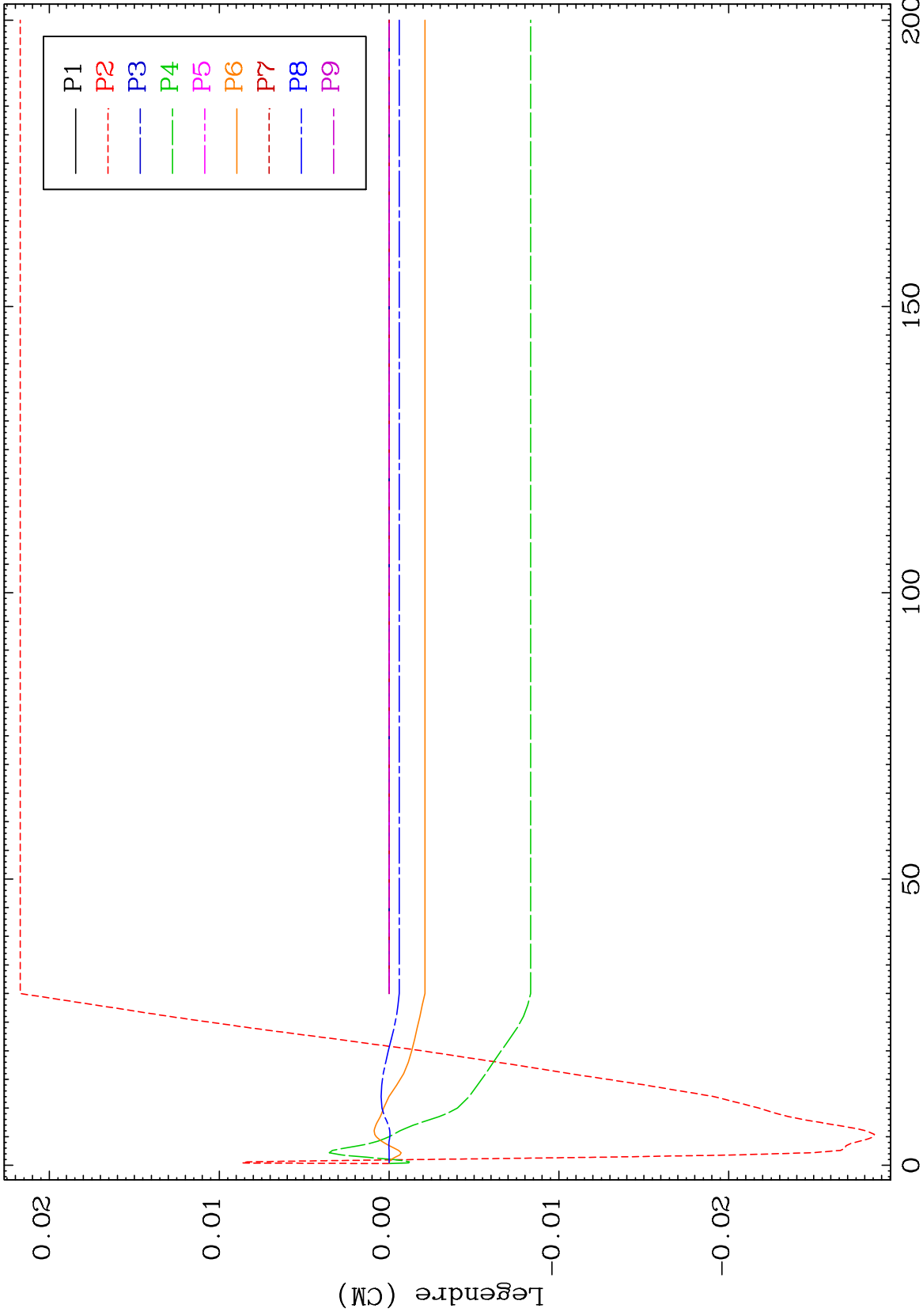
Incident Energy (MeV)

85-At-202

MAT 8522

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

85-At-202



19

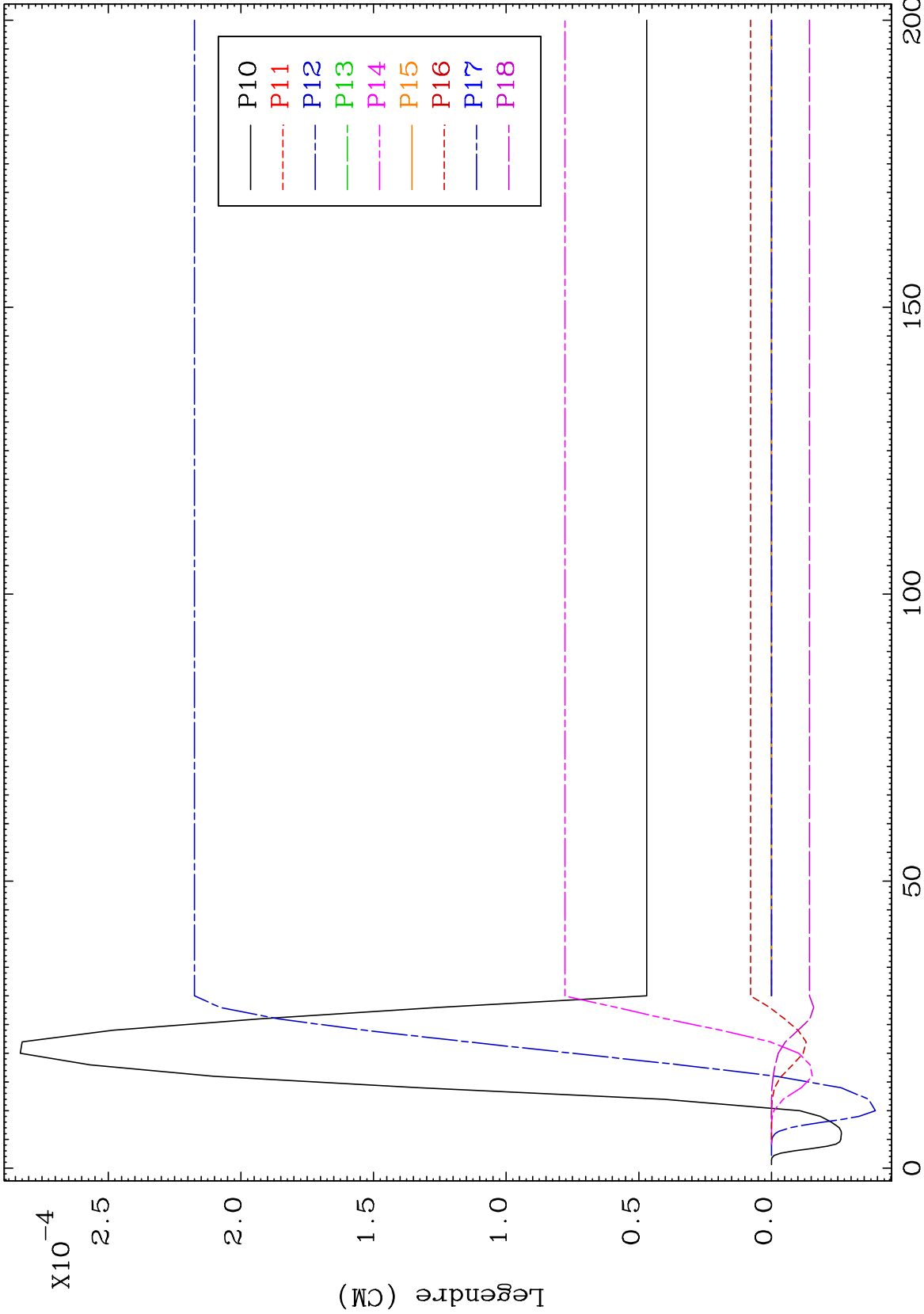
Incident Energy (MeV)

85-At-202

MAT 8522

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

85-At-202



20

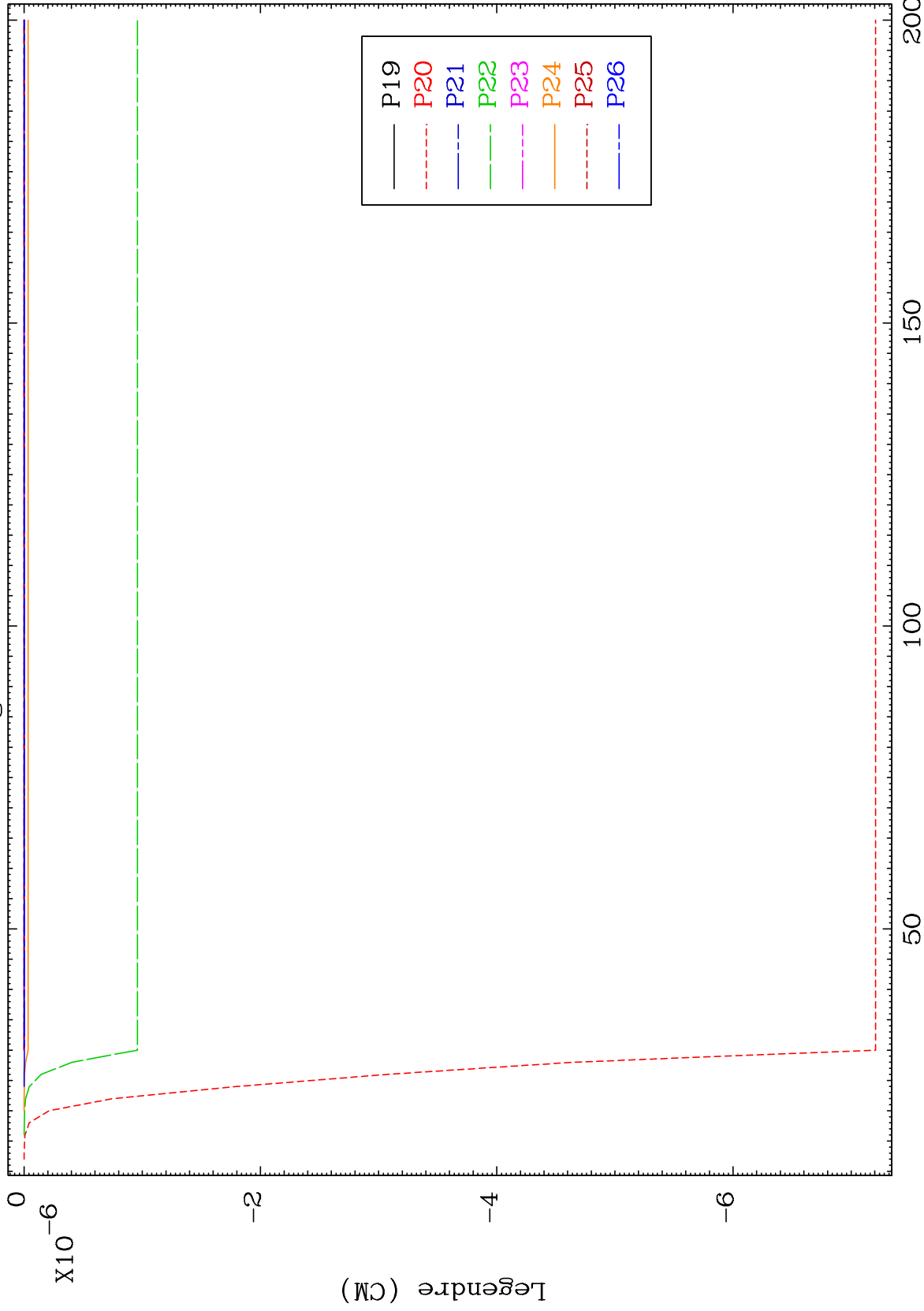
Incident Energy (MeV)

85-At-202

MAT 8522

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

85-At-202



21

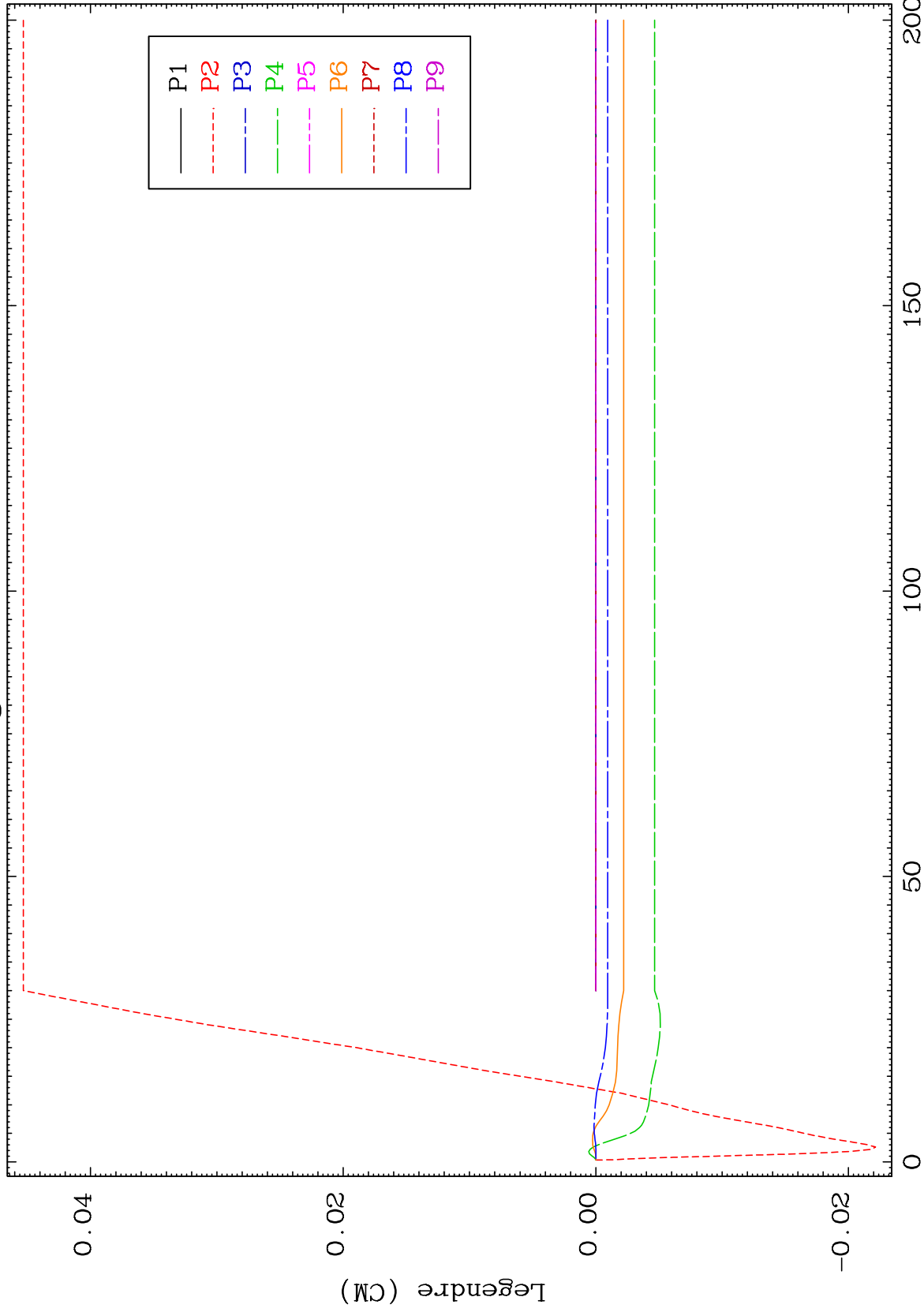
Incident Energy (MeV)

85-At-202

MAT 8522

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

85-At-202



22

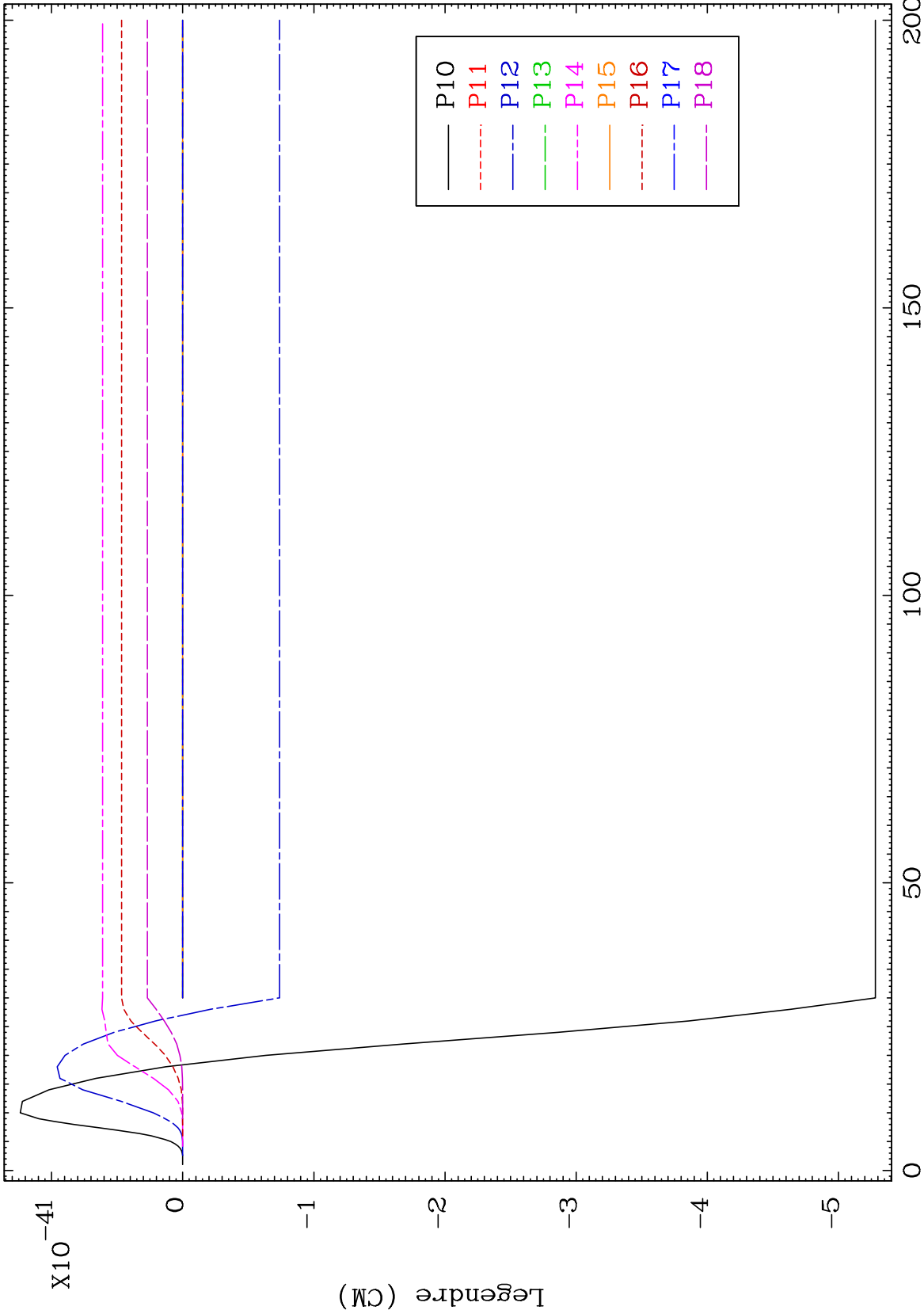
Incident Energy (MeV)

85-At-202

MAT 8522

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

85-At-202

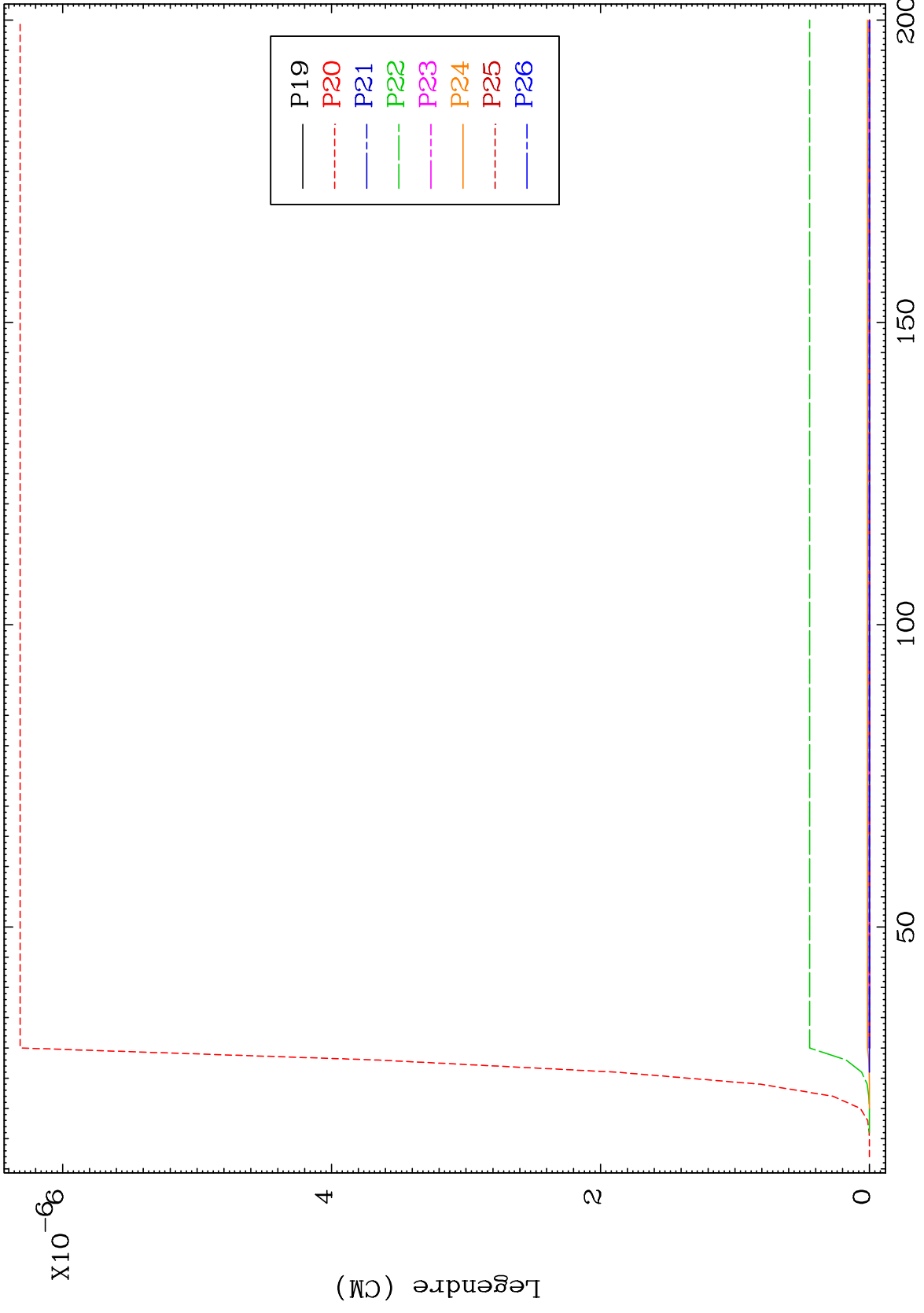


23

Incident Energy (MeV)

85-At-202

MAT 8522 MT= 52 (n,n') Level Legendre Coefficients 85-At-202

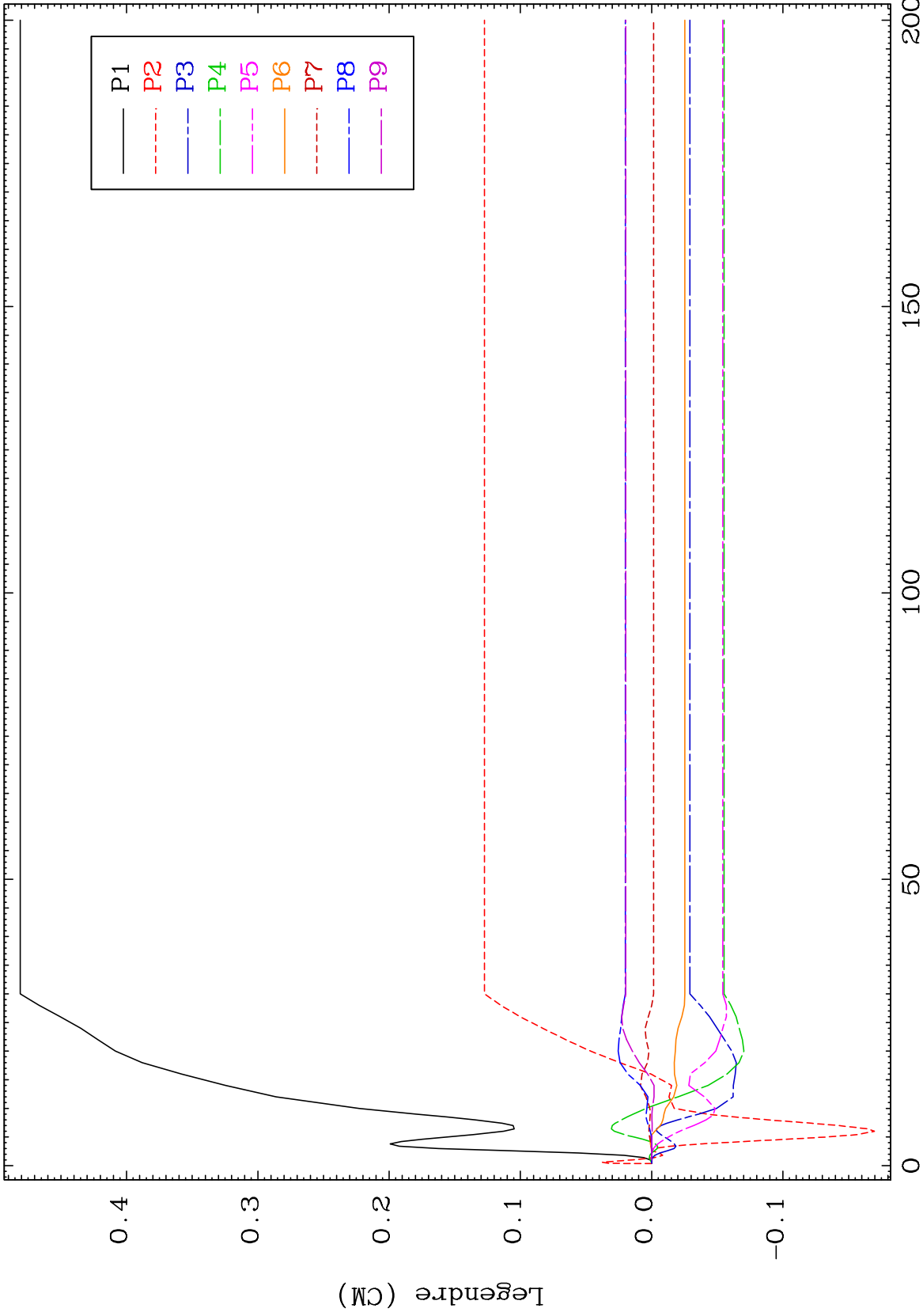


24 Incident Energy (MeV) 85-At-202

MAT 8522

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

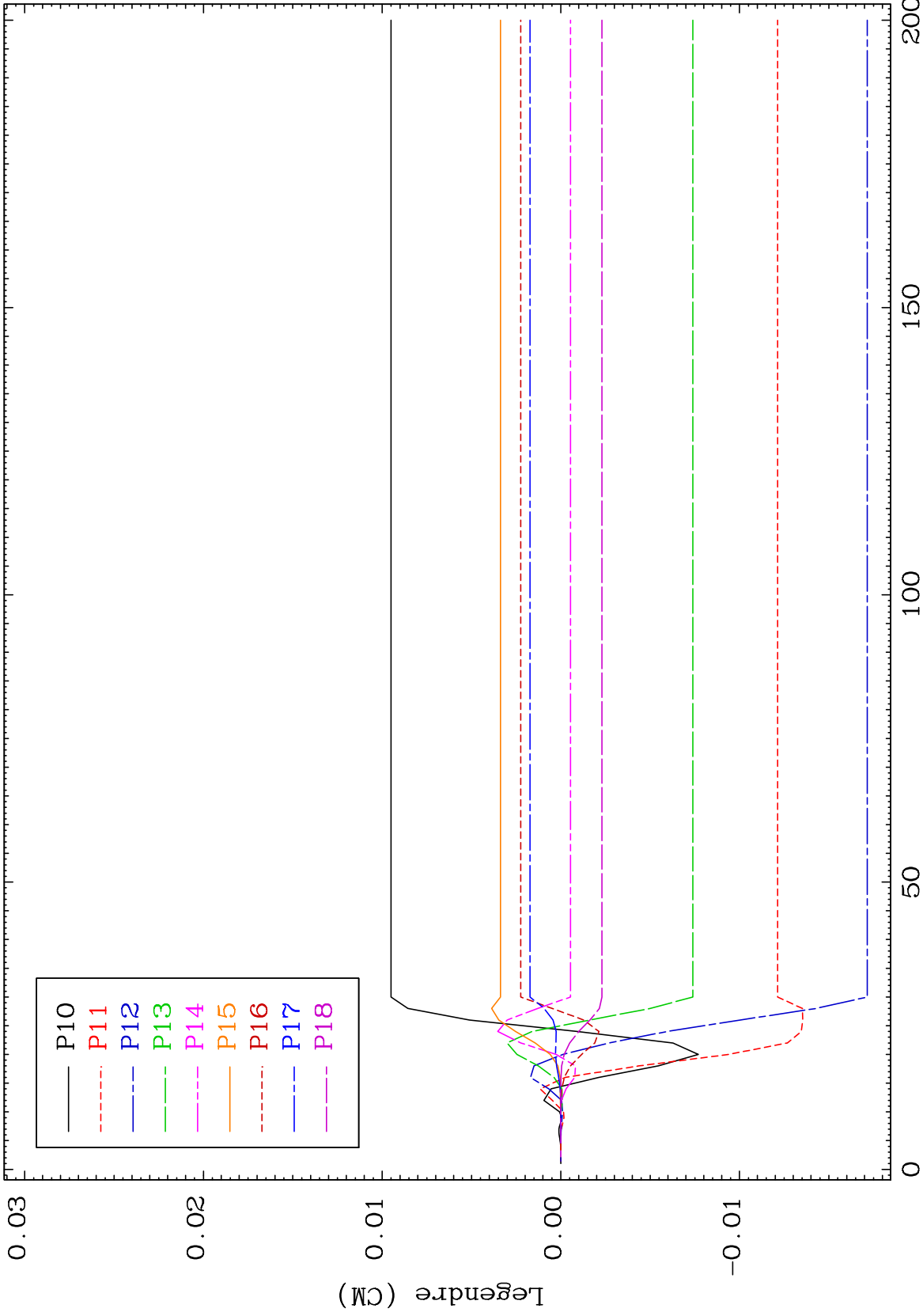
85-At-202



85-At-202

Incident Energy (MeV)

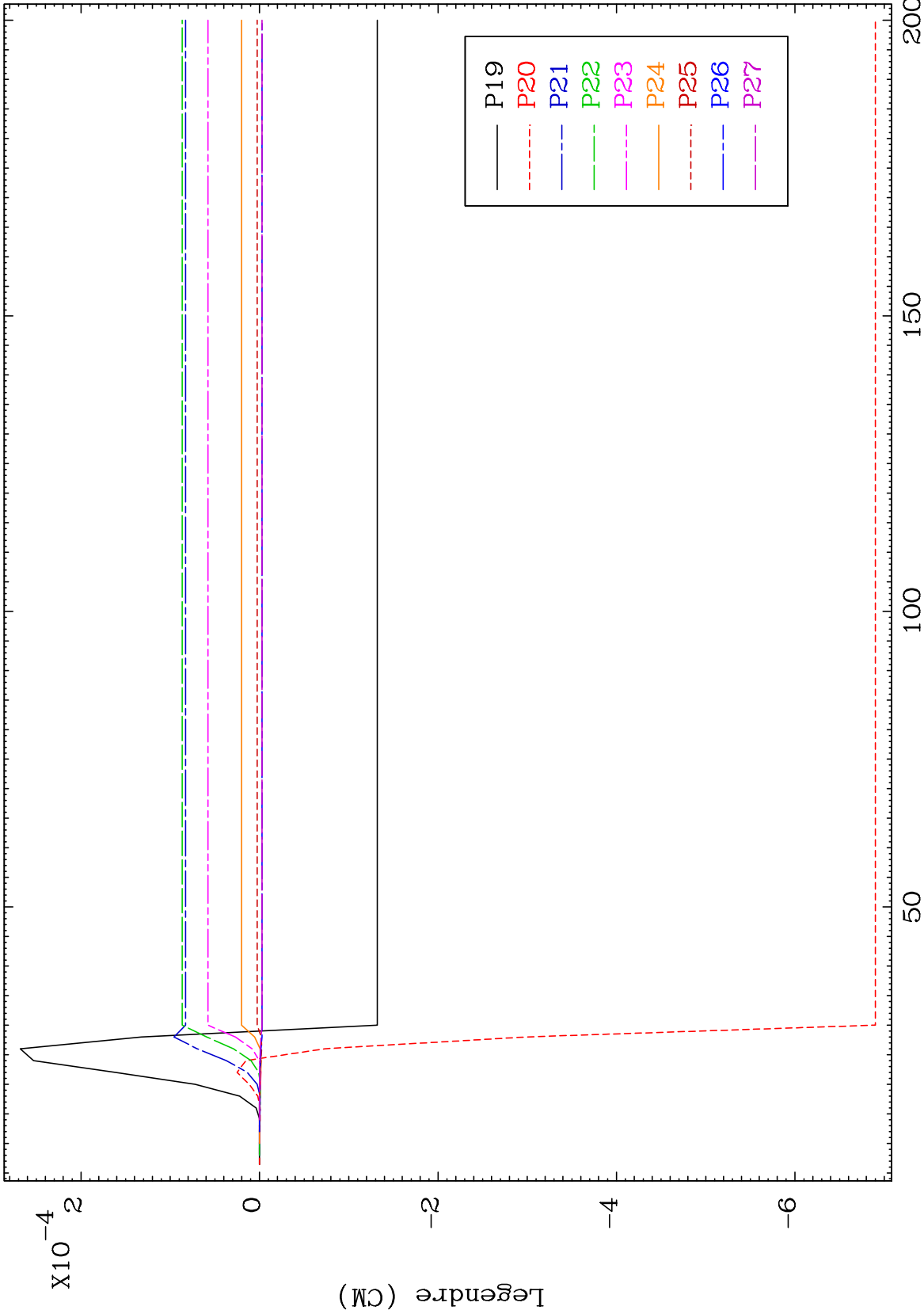
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MAT 8522

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

85-At-202



27

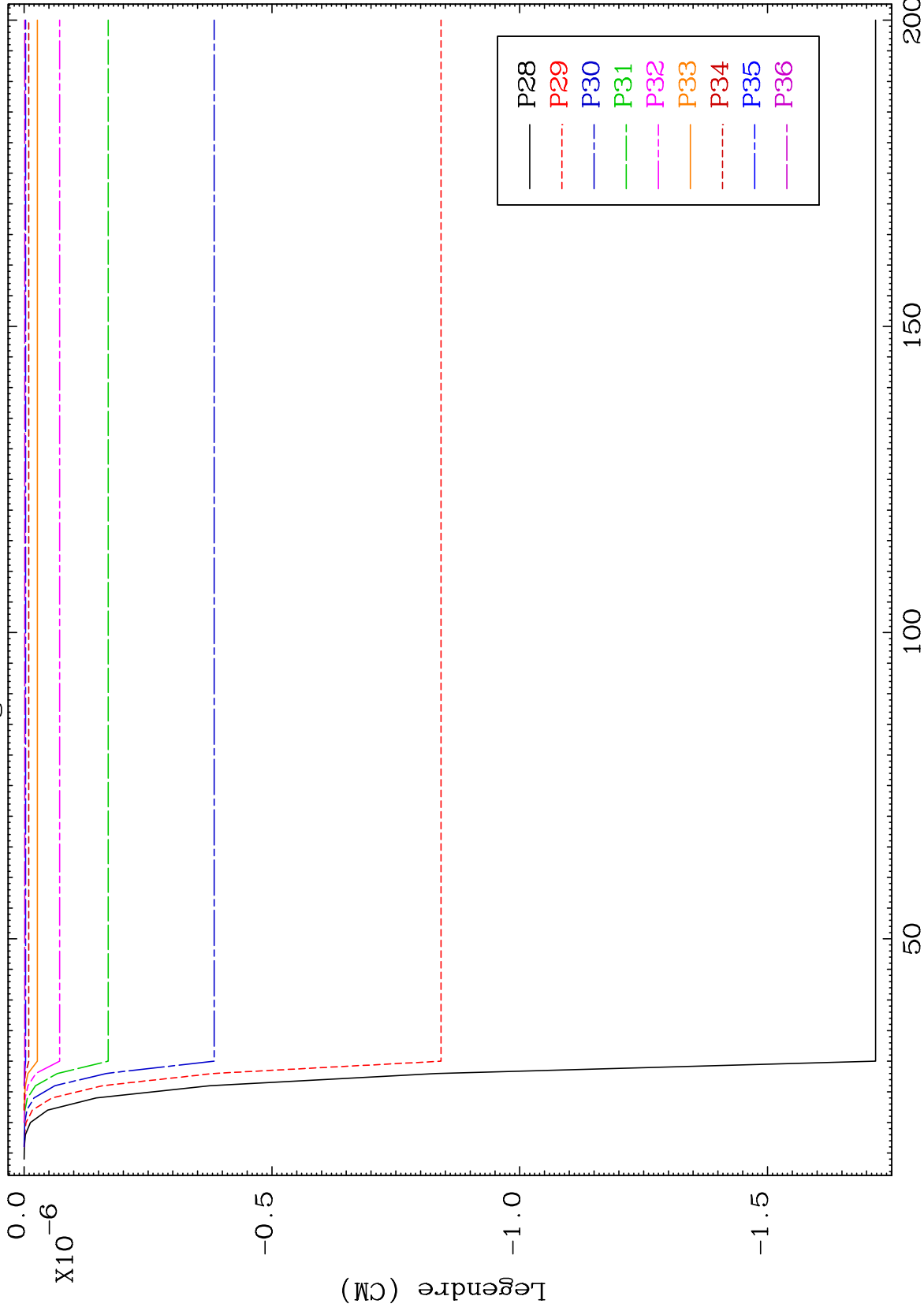
Incident Energy (MeV)

85-At-202

MAT 8522

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

85-At-202



28

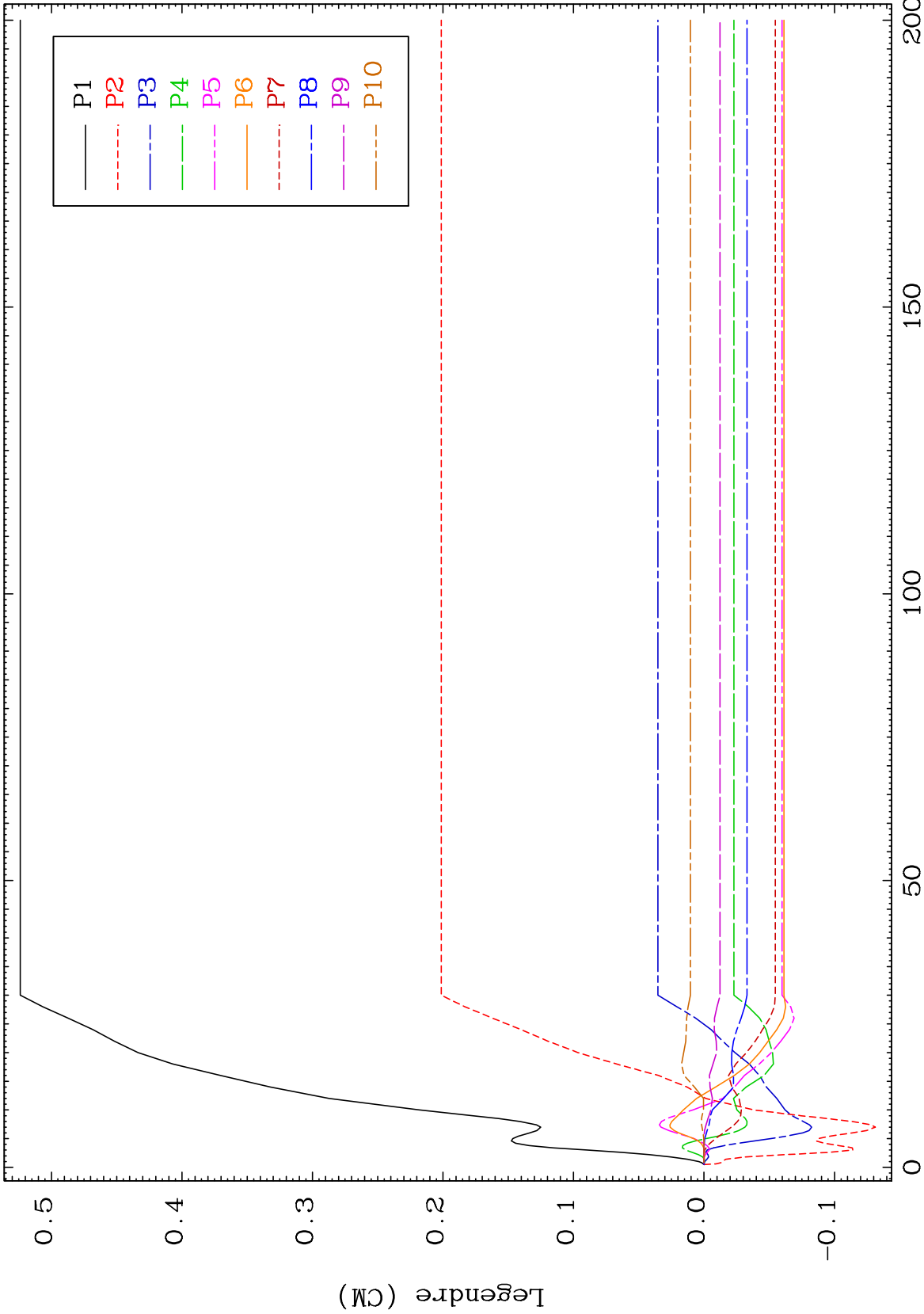
Incident Energy (MeV)

85-At-202

MAT 8522

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

85-At-202



29

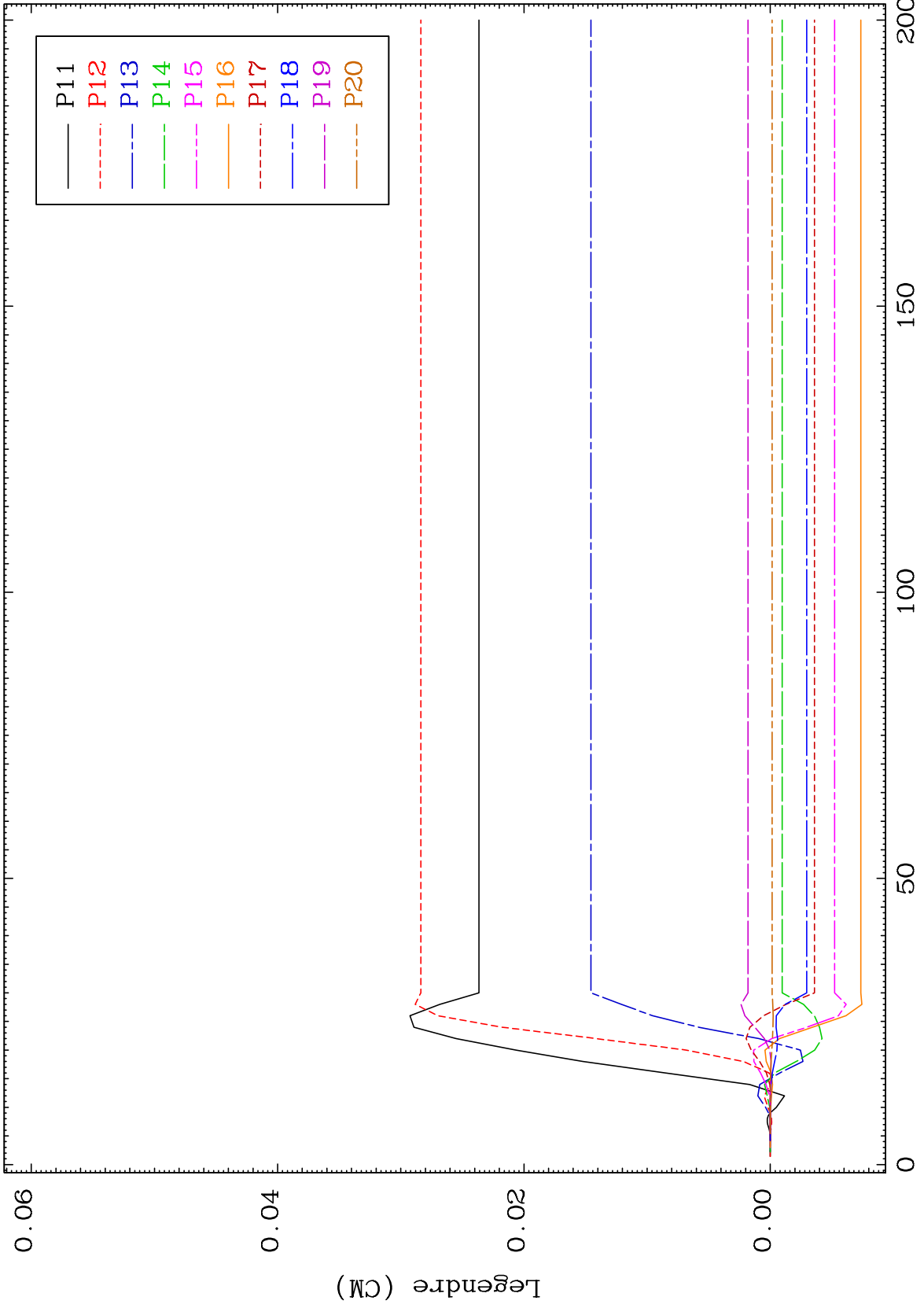
Incident Energy (MeV)

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MAT 8522

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

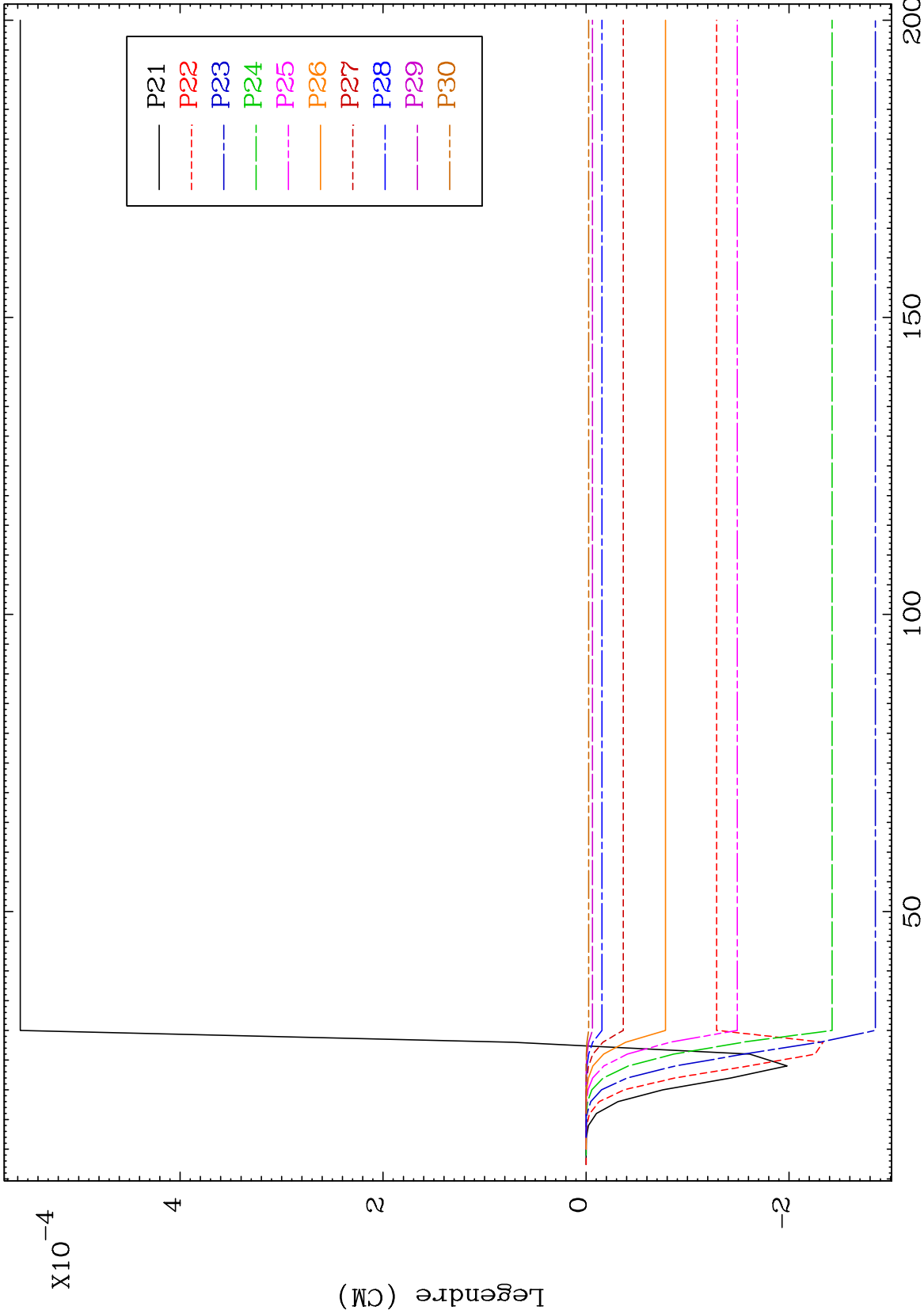
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30

Incident Energy (MeV)

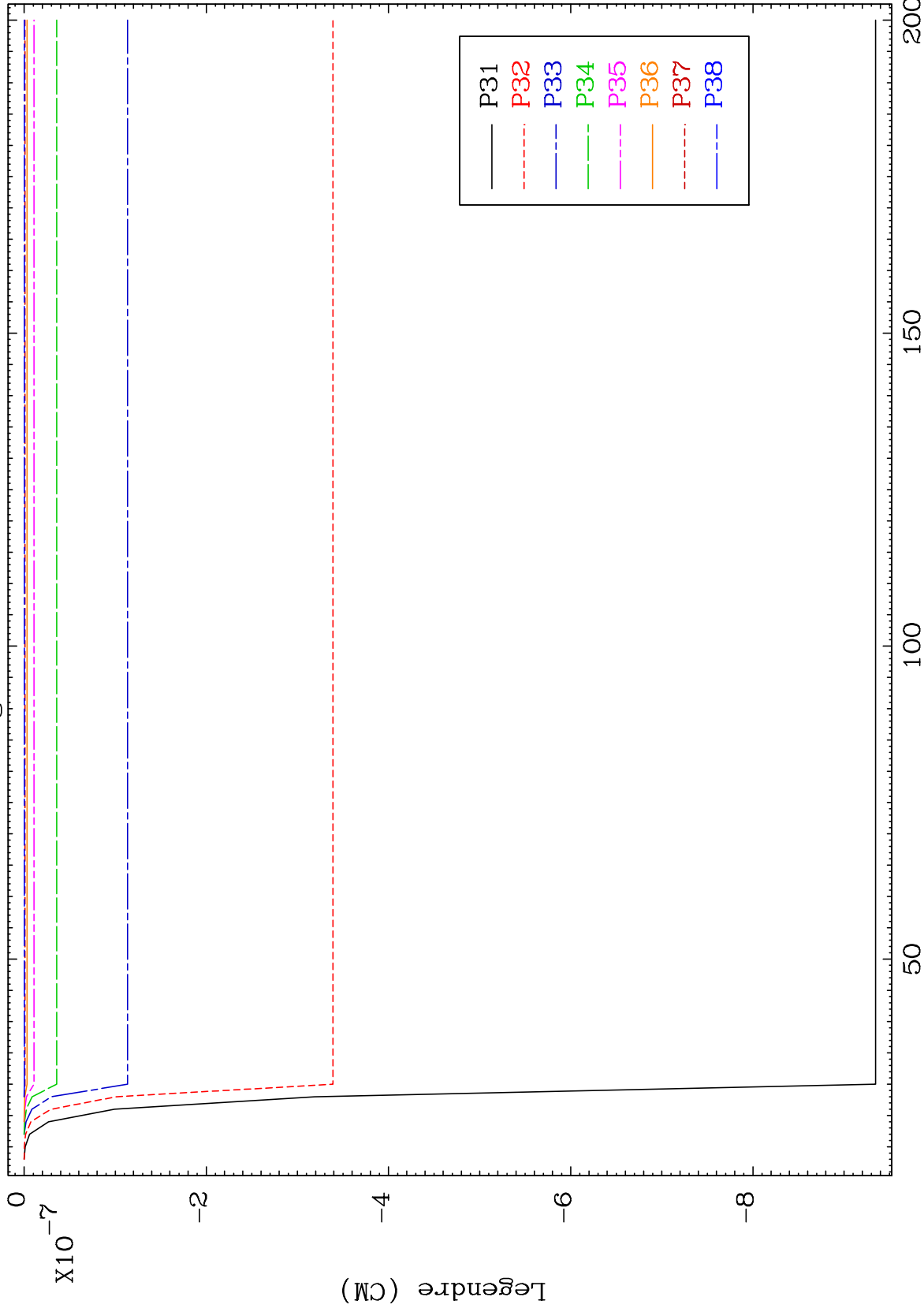
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MAT 8522

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

85-At-202



32

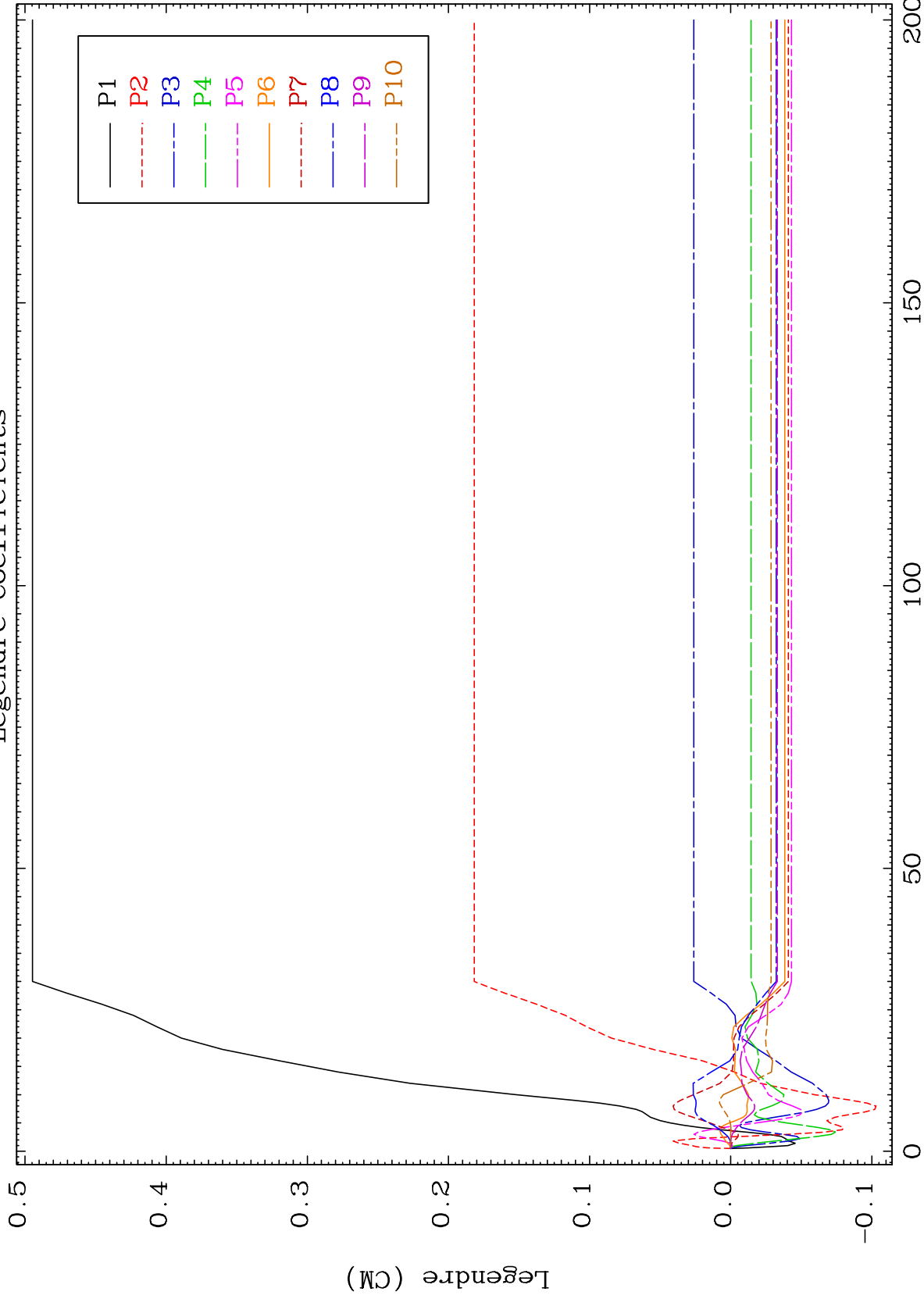
Incident Energy (MeV)

85-At-202

MAT 8522

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

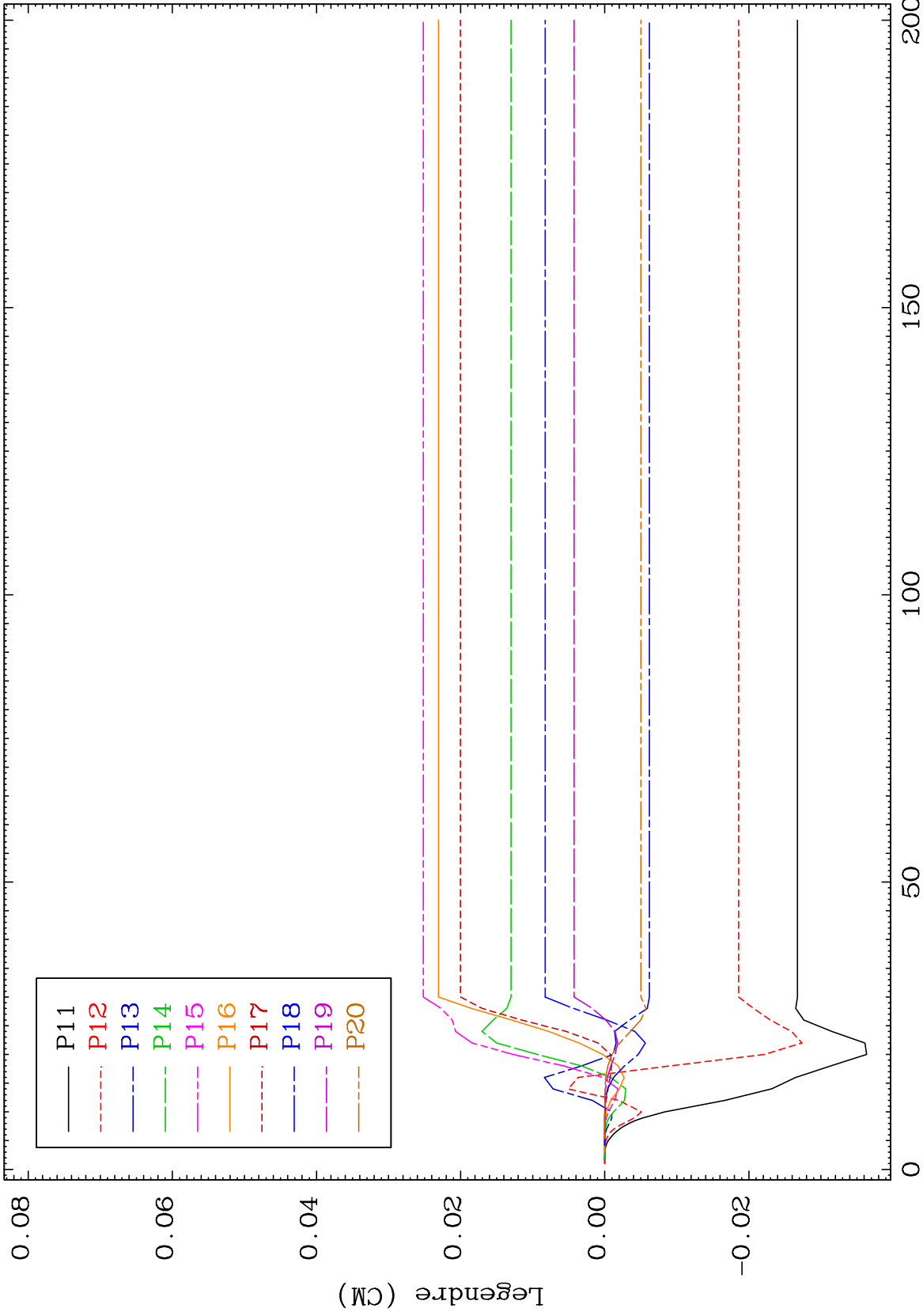
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33

Incident Energy (MeV)

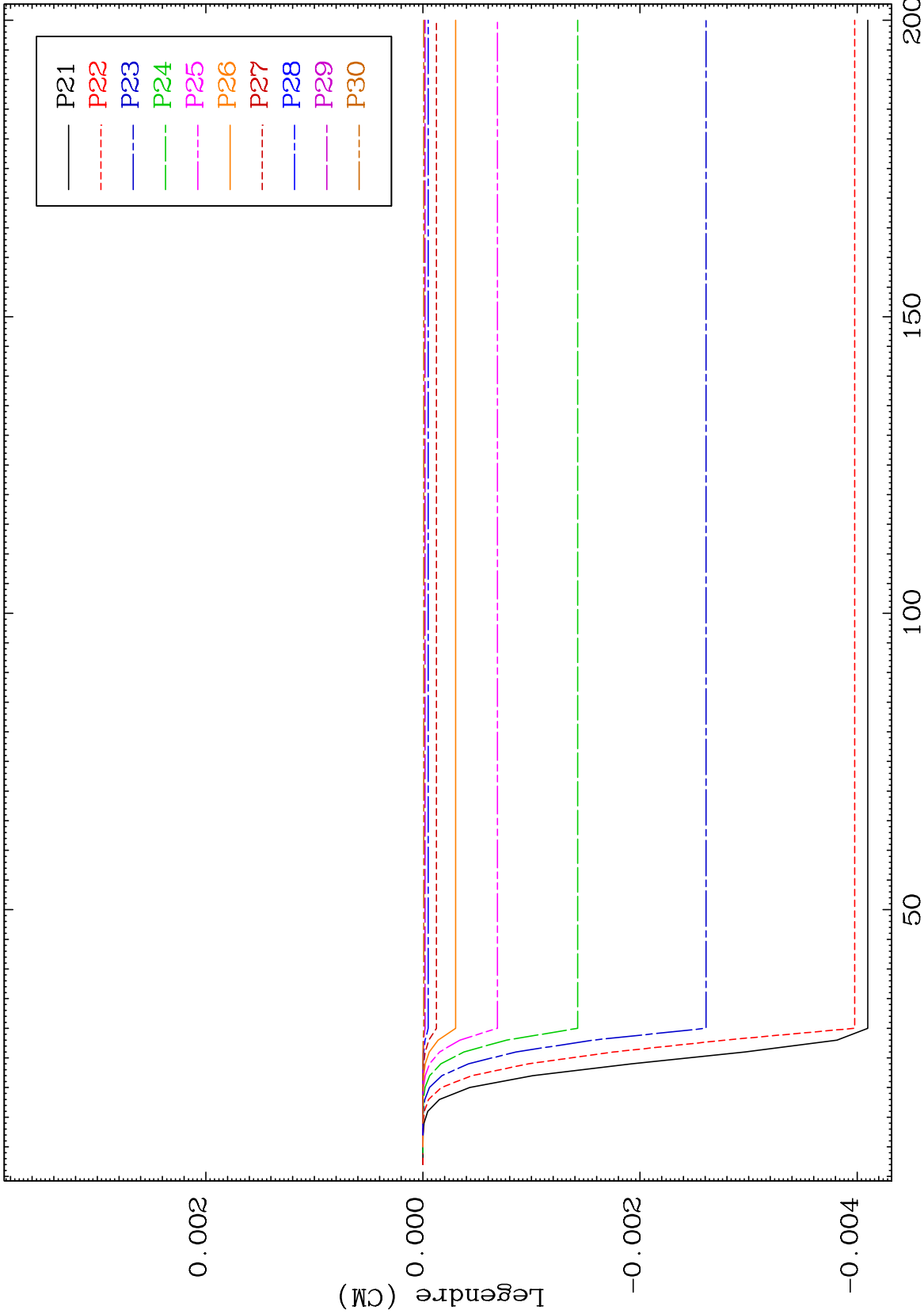
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MAT 8522

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

85-At-202

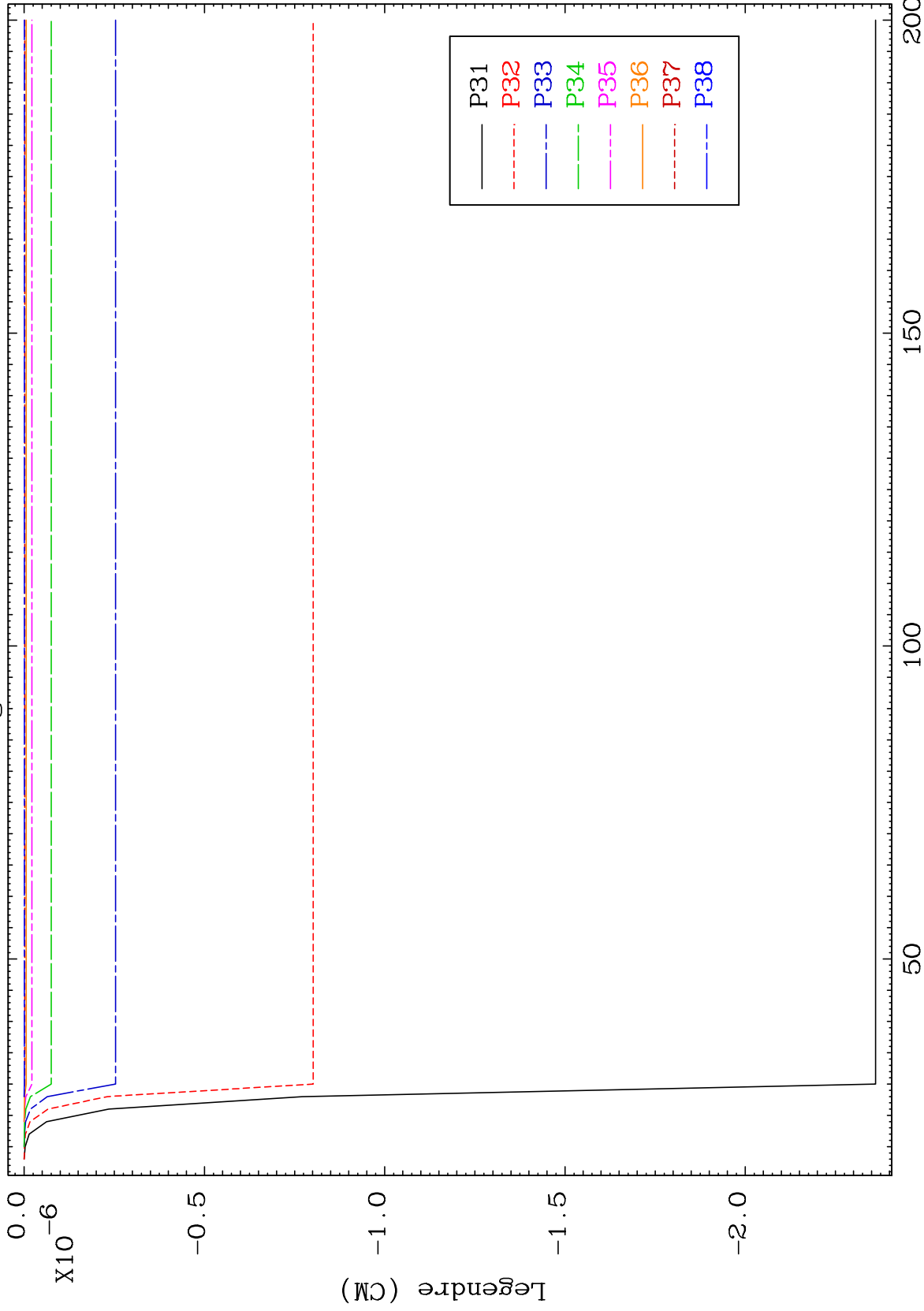


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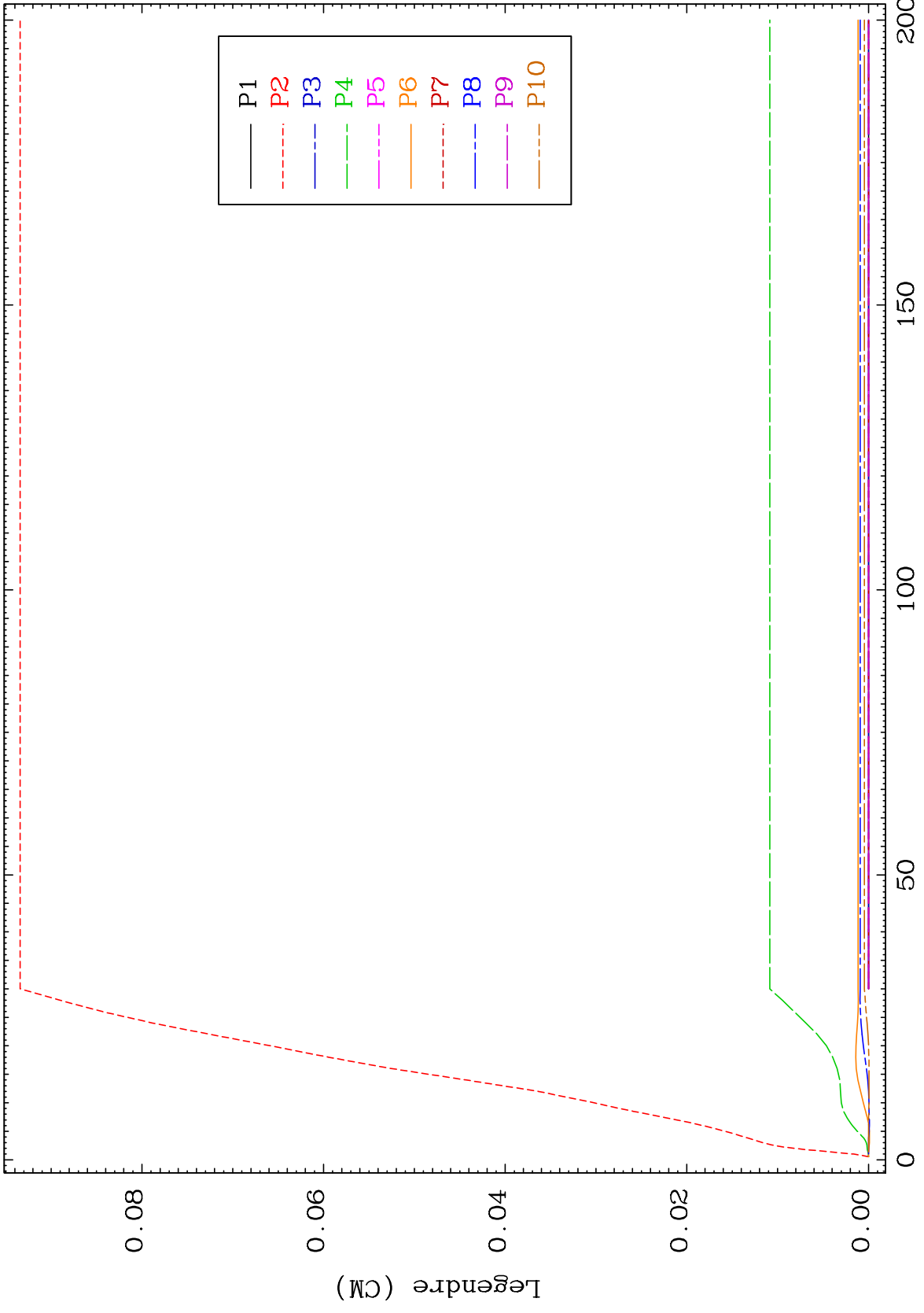
Incident Energy (MeV)

85-At-202

Legendre Coefficients



MAT 8522 MT= 56 (n,n') Level Legendre Coefficients 85-At-202

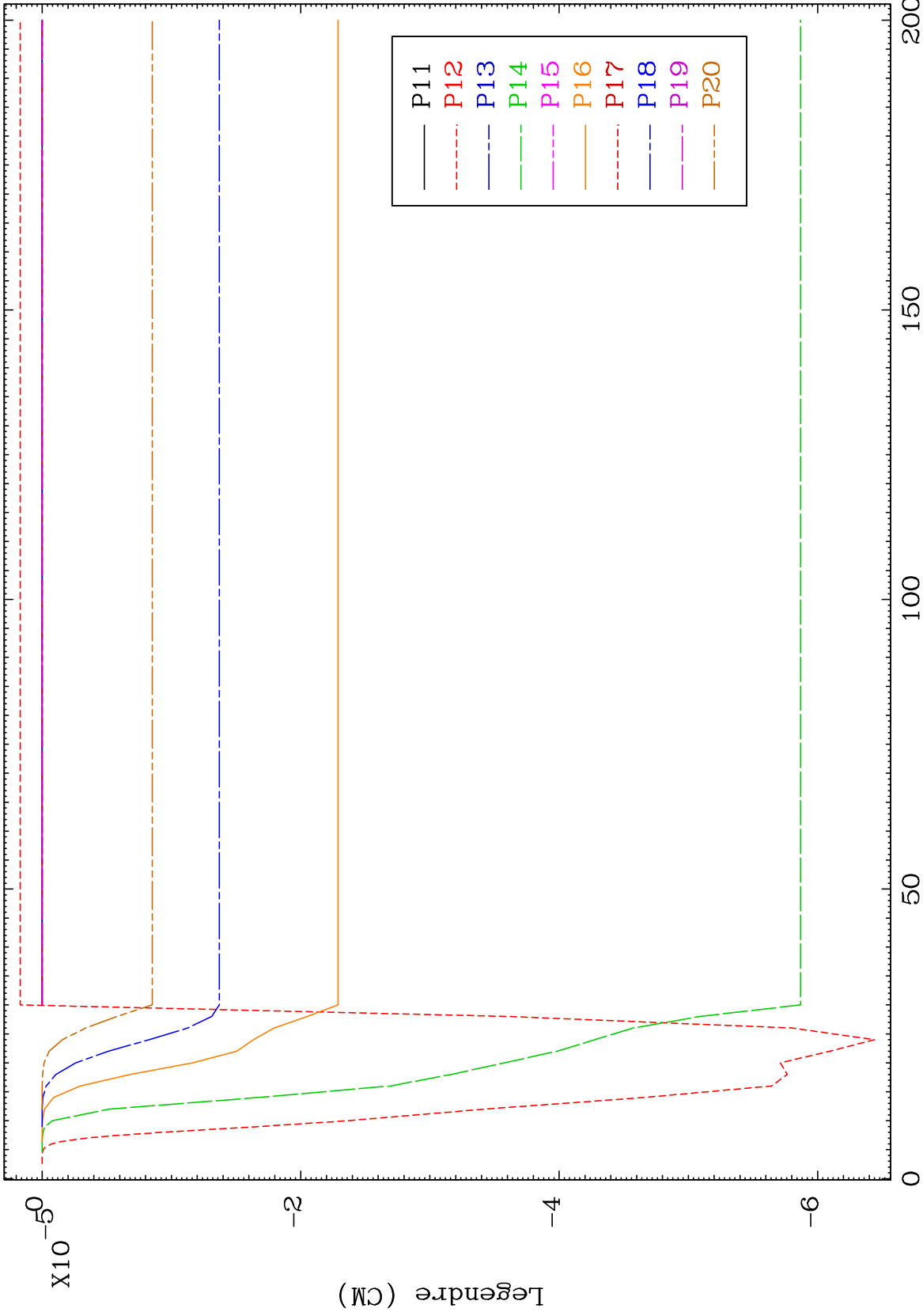


37 85-At-202

MAT 8522

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

85-At-202



38

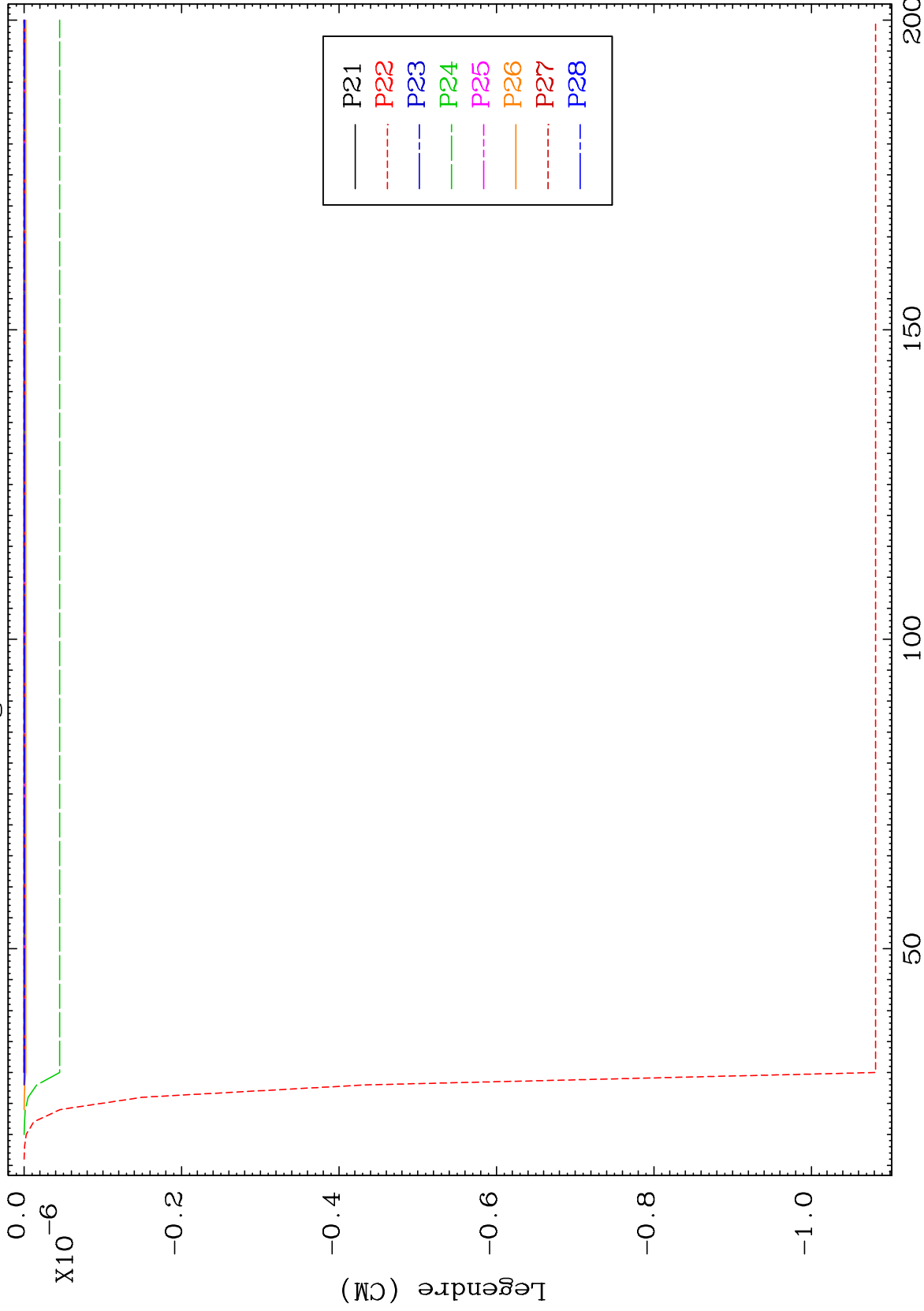
Incident Energy (MeV)

85-At-202

MAT 8522

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

85-At-202



85-At-202

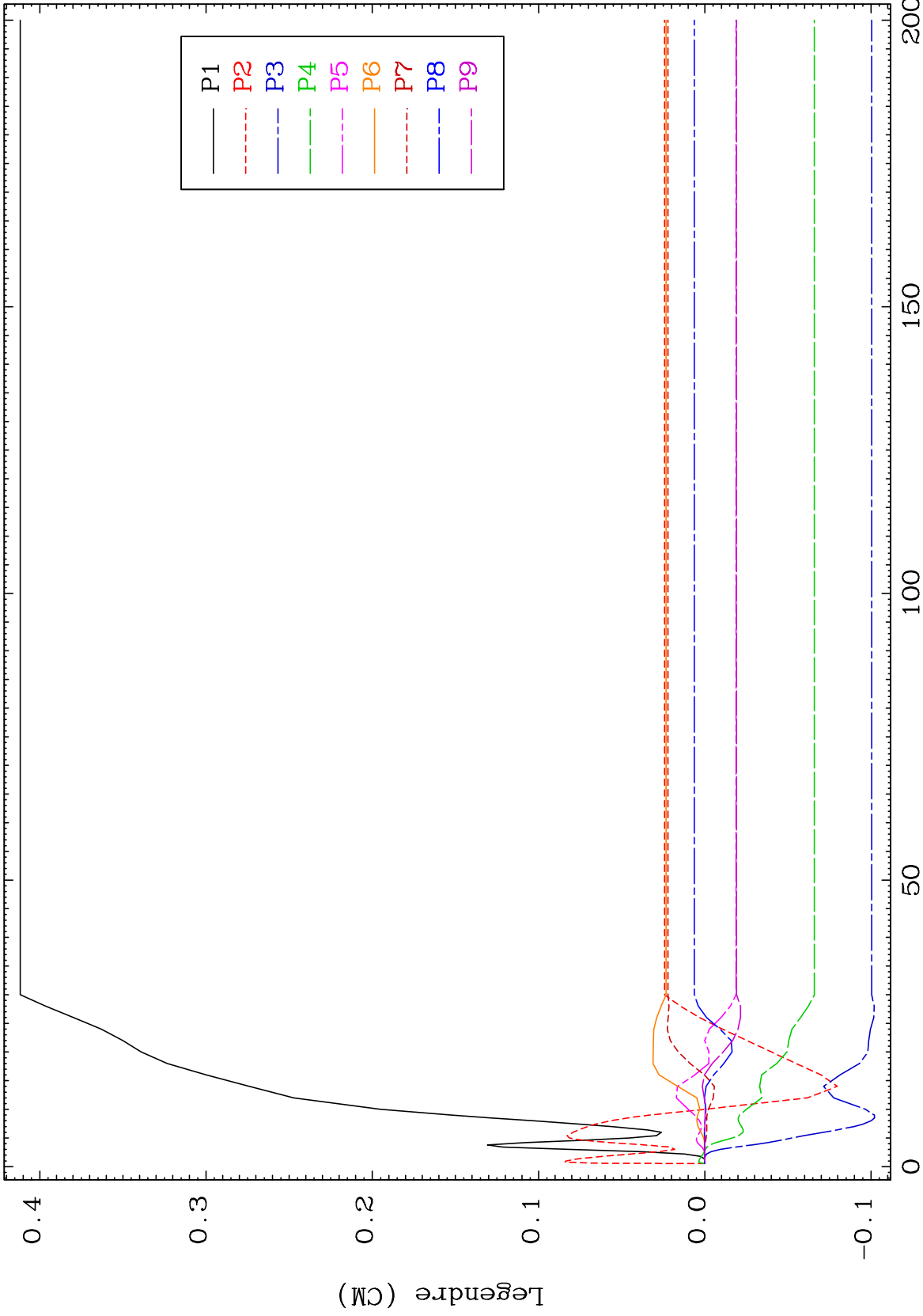
Incident Energy (MeV)

39

MAT 8522

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

85-At-202



85-At-202

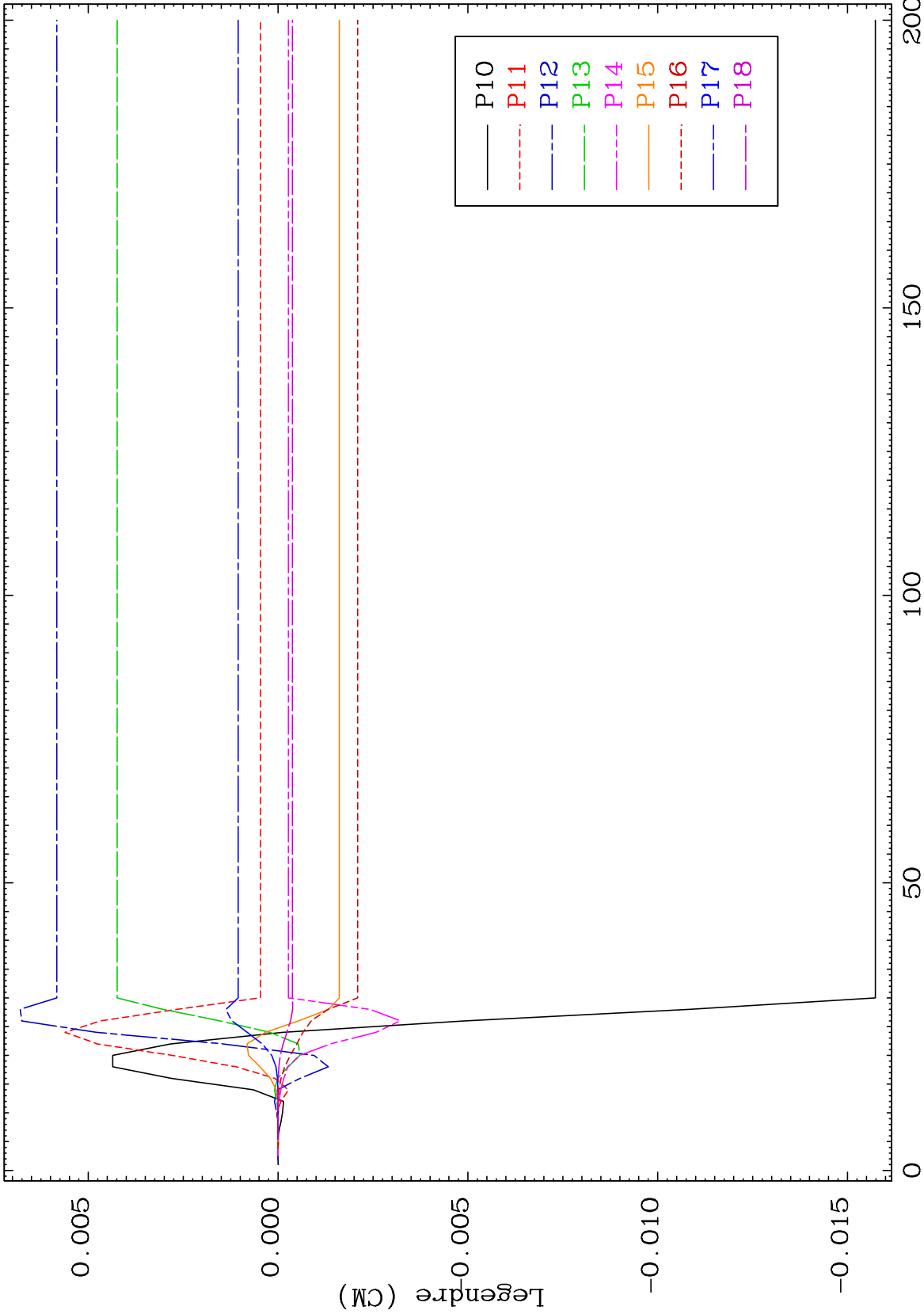
Incident Energy (MeV)

40

MAT 8522

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

85-At-202



41

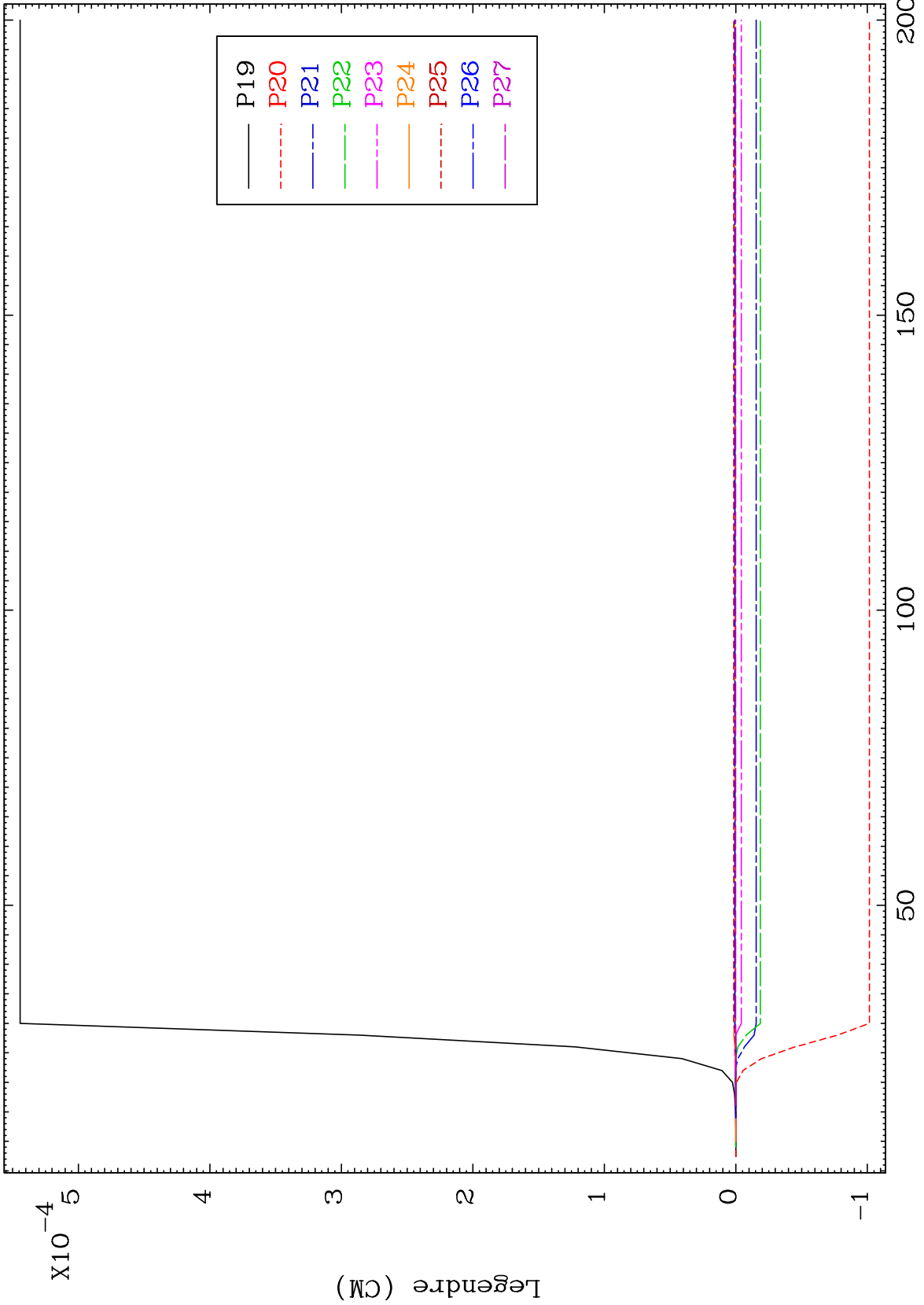
Incident Energy (MeV)

85-At-202

MAT 8522

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

85-At-202



42

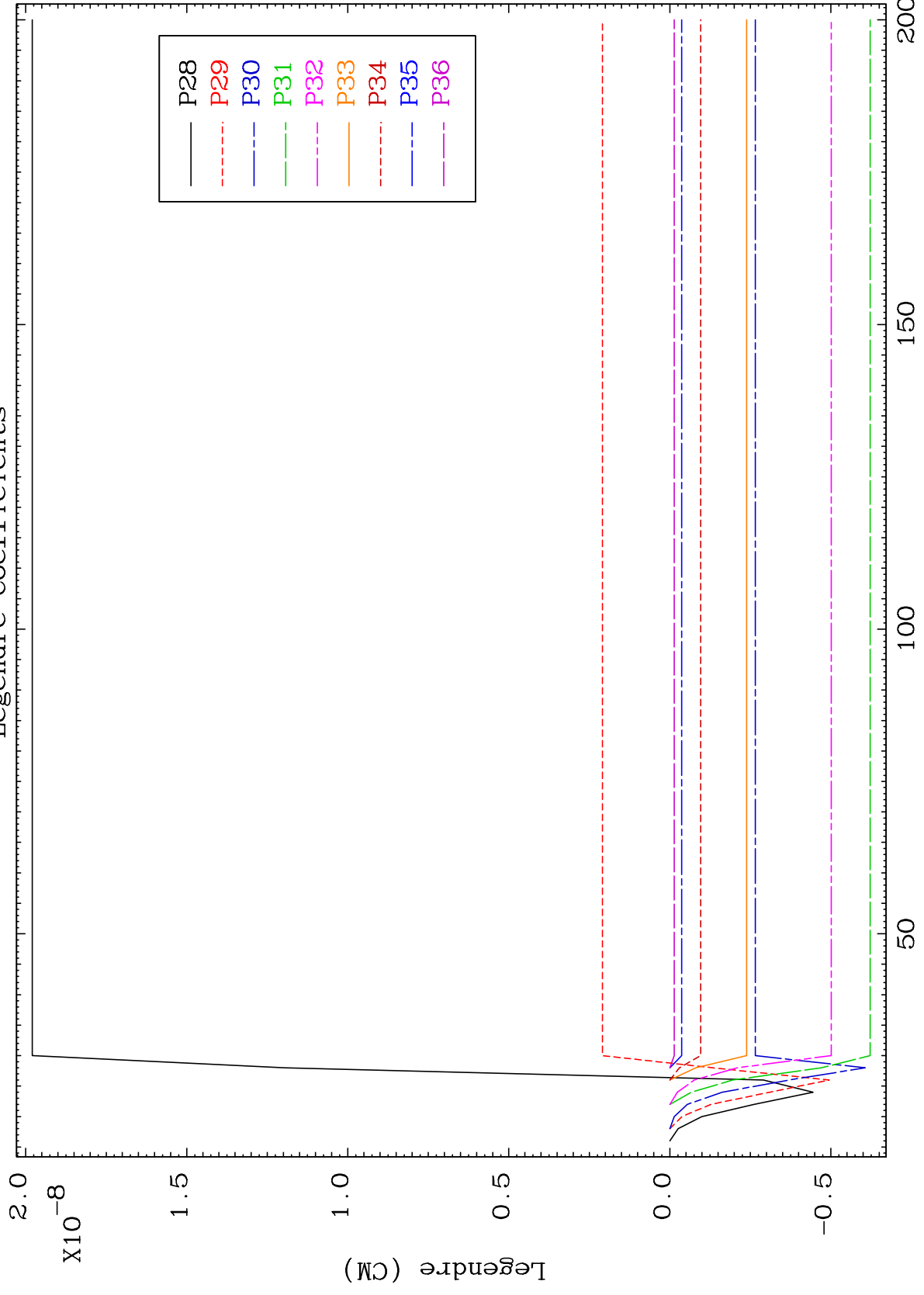
Incident Energy (MeV)

85-At-202

MAT 8522

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

85-At-202



43

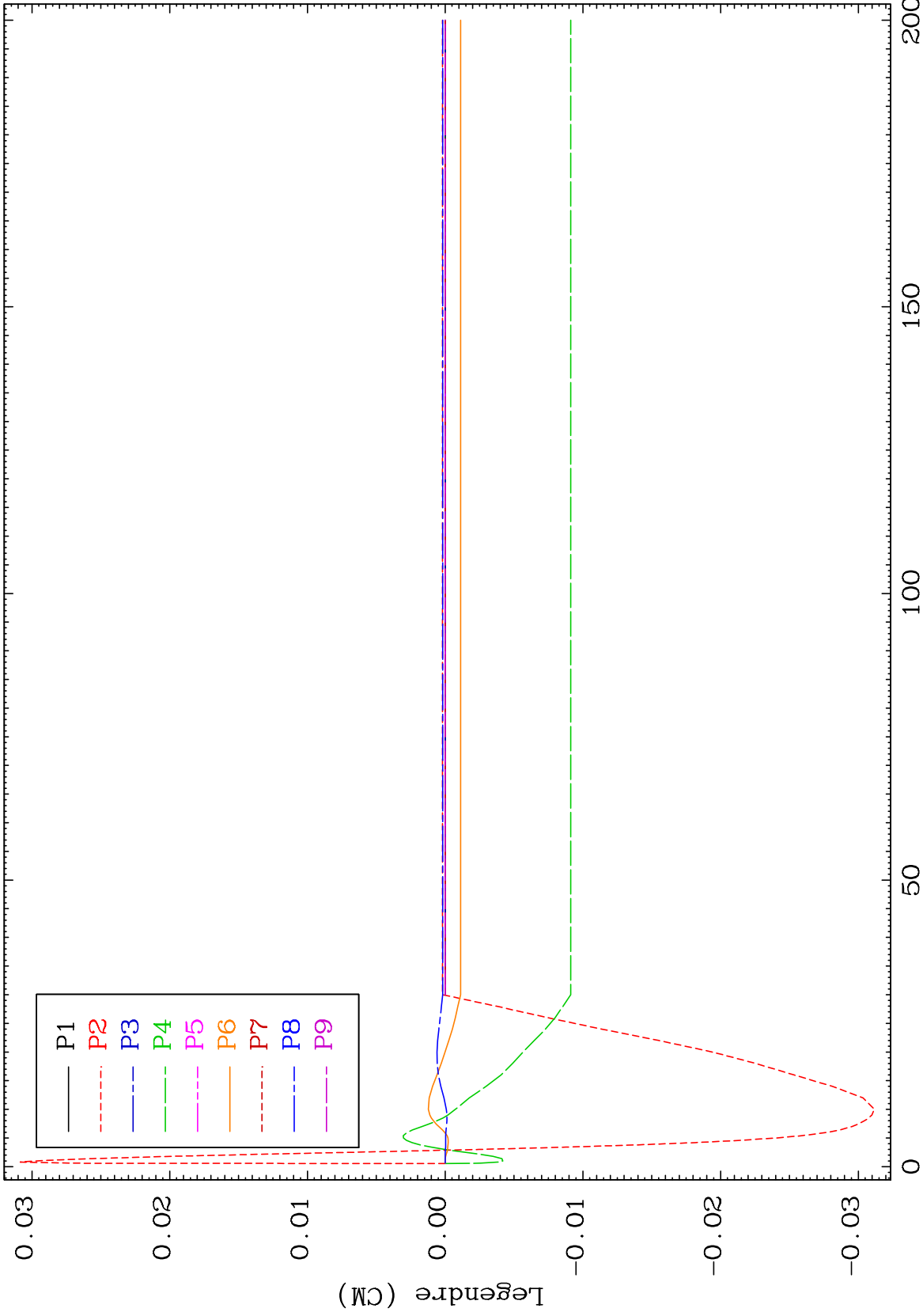
Incident Energy (MeV)

85-At-202

MAT 8522

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

85-At-202



44

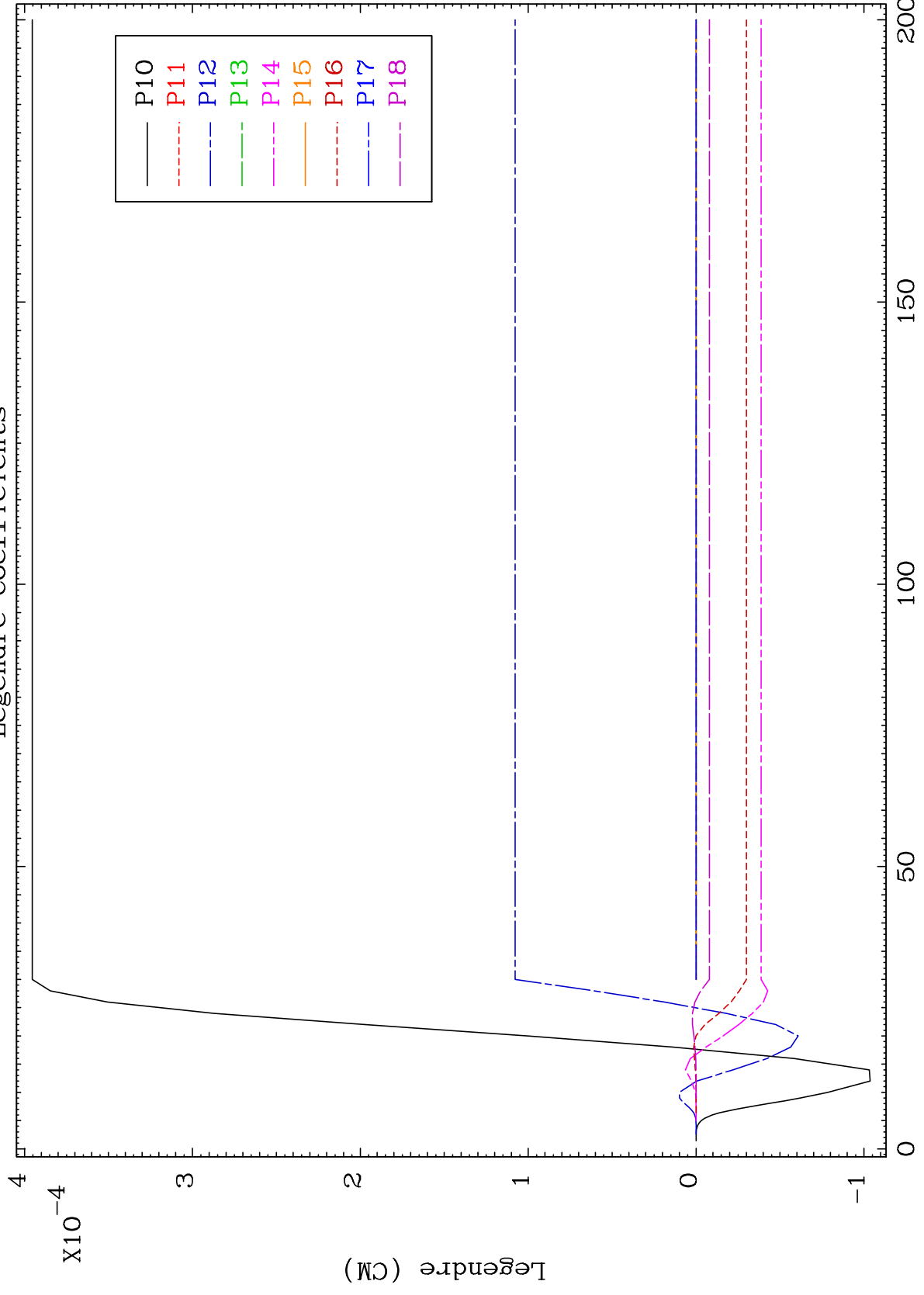
Incident Energy (MeV)

85-At-202

MAT 8522

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

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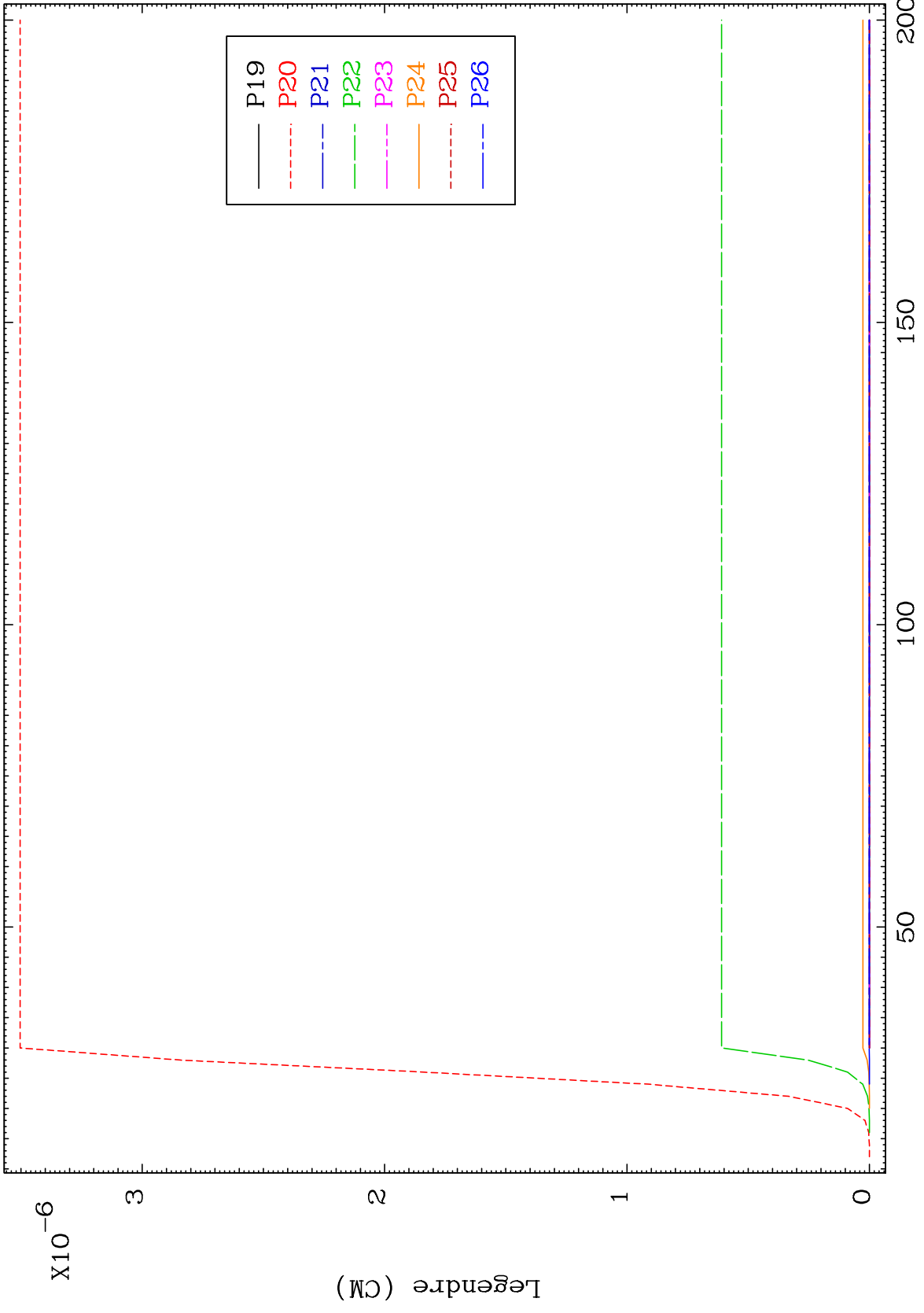


45

Incident Energy (MeV)

85-At-202

MAT 8522 MT= 58 (n,n') Level Legendre Coefficients 85-At-202

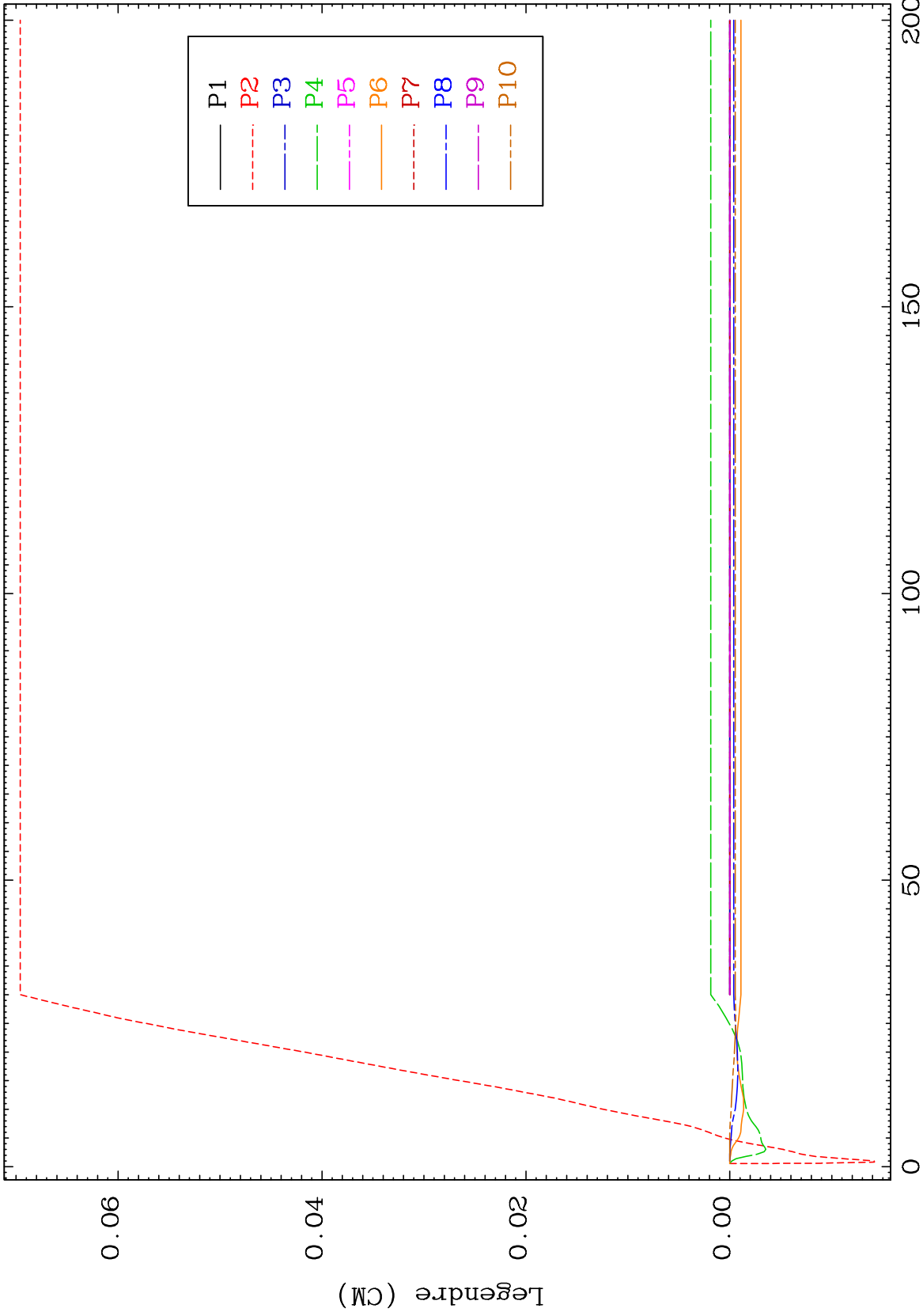


46 Incident Energy (MeV) 85-At-202

MAT 8522

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

85-At-202



47

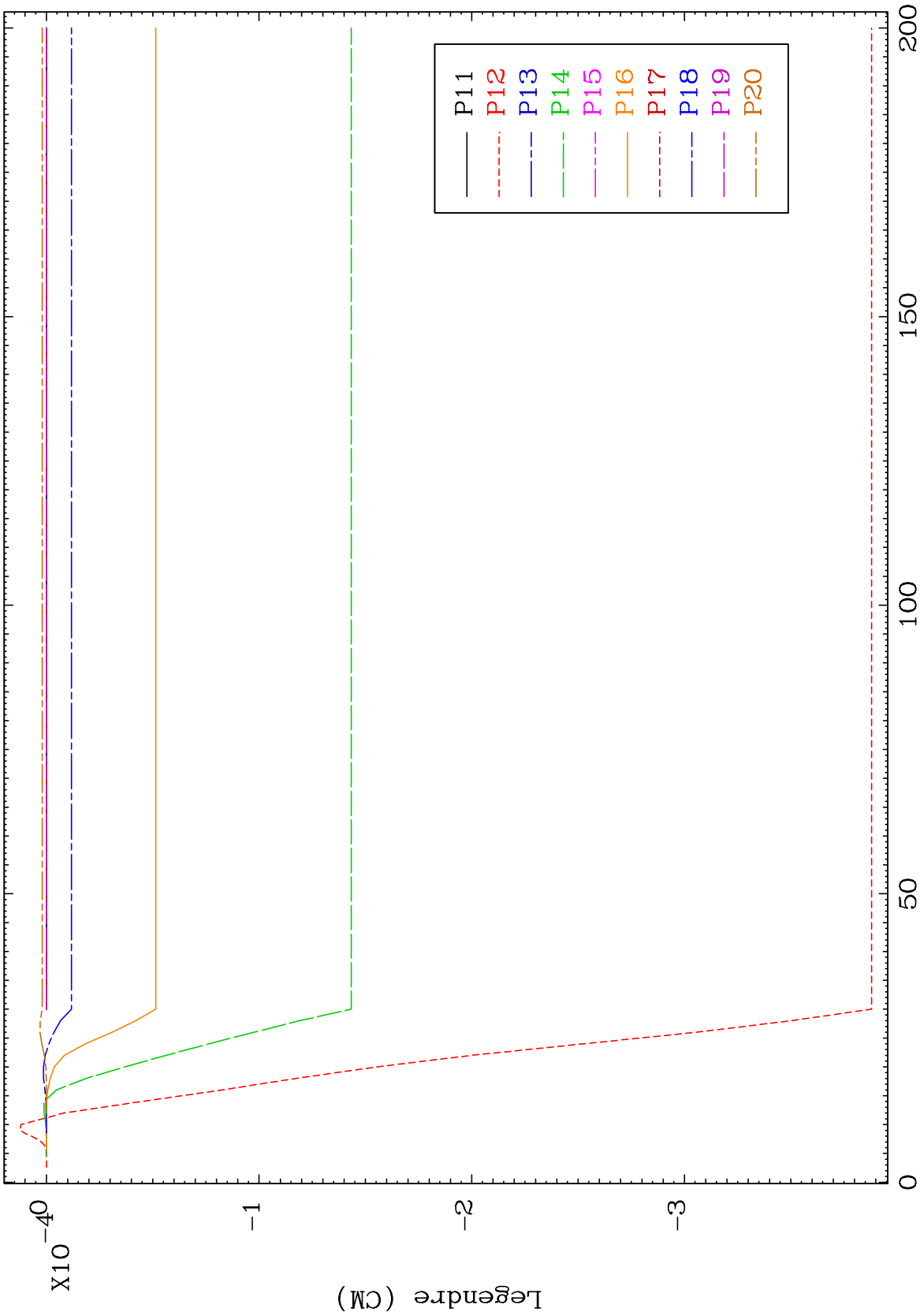
Incident Energy (MeV)

85-At-202

MAT 8522

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

85-At-202

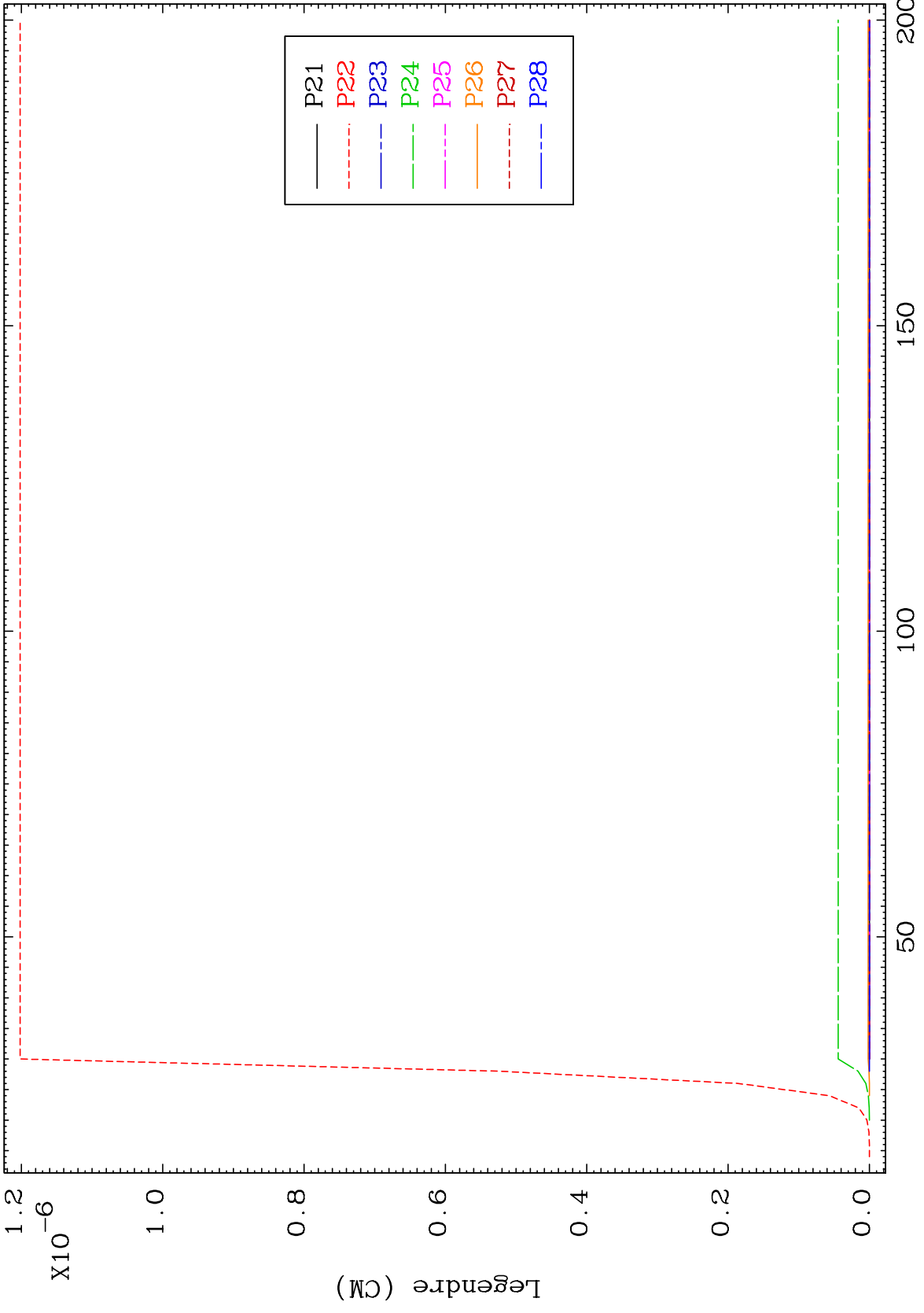


48

Incident Energy (MeV)

85-At-202

MAT 8522 MT= 59 (n,n') Level Legendre Coefficients 85-At-202

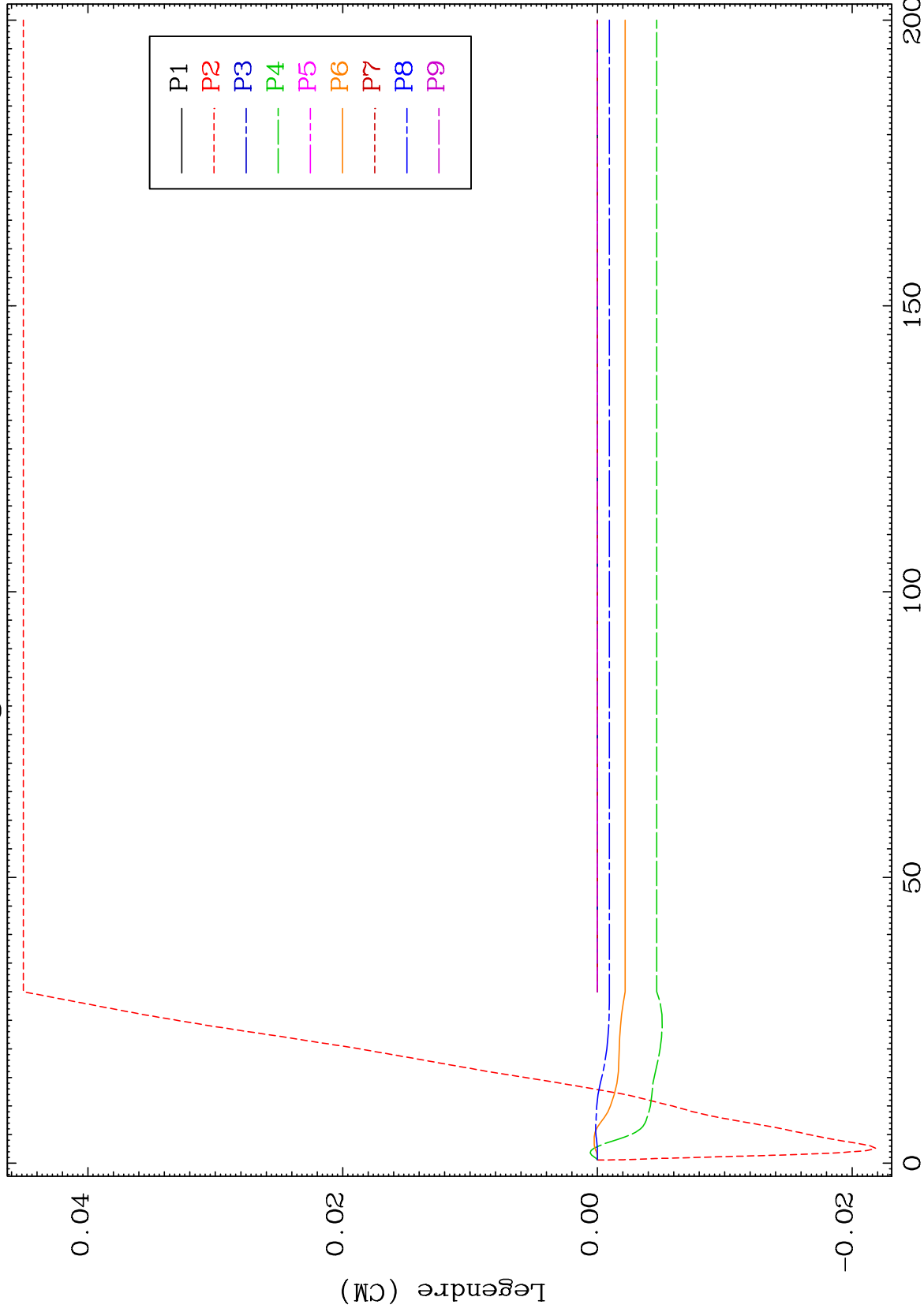


49 85-At-202

MAT 8522

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

85-At-202



85-At-202

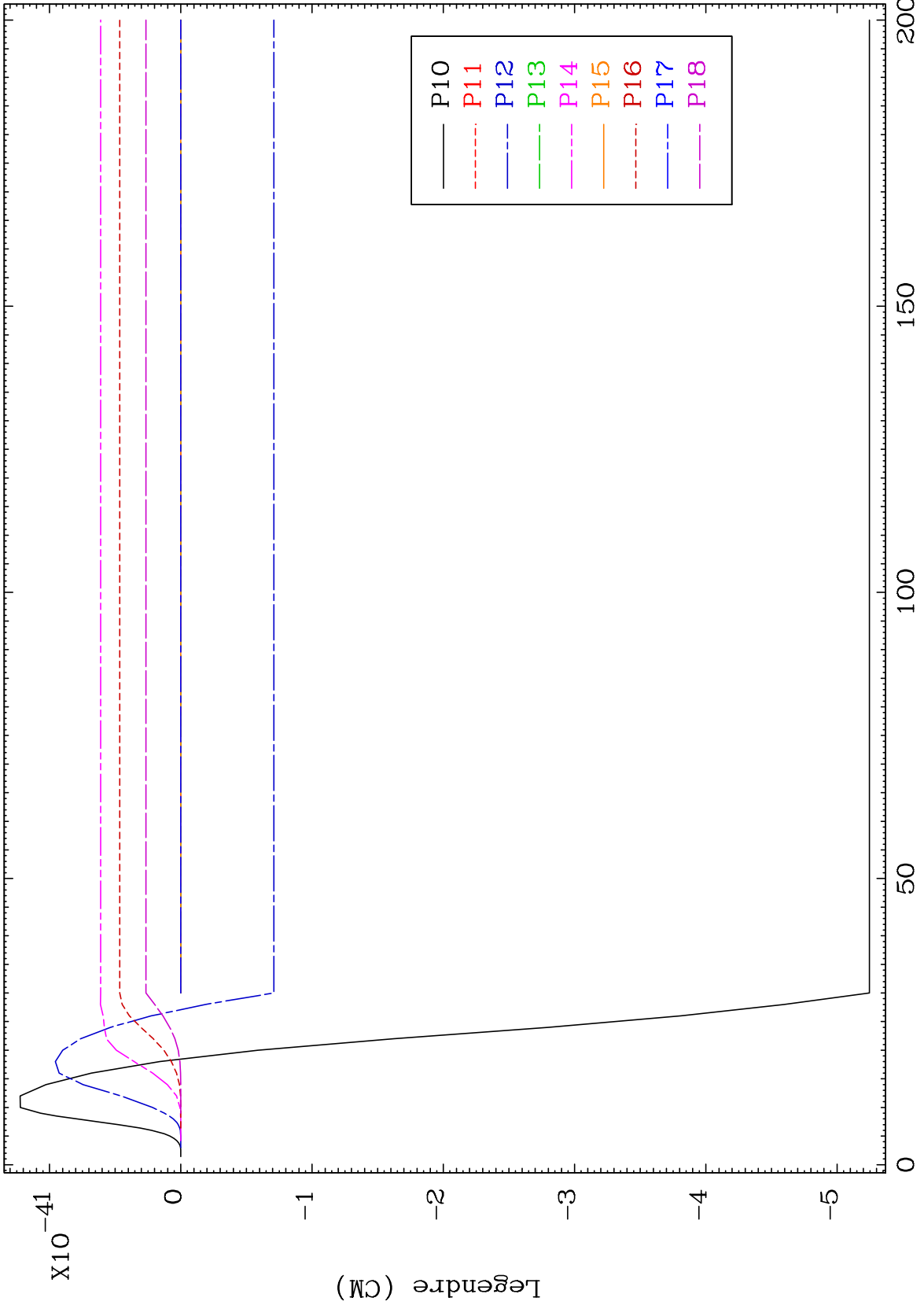
Incident Energy (MeV)

50

MAT 8522

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

85-At-202

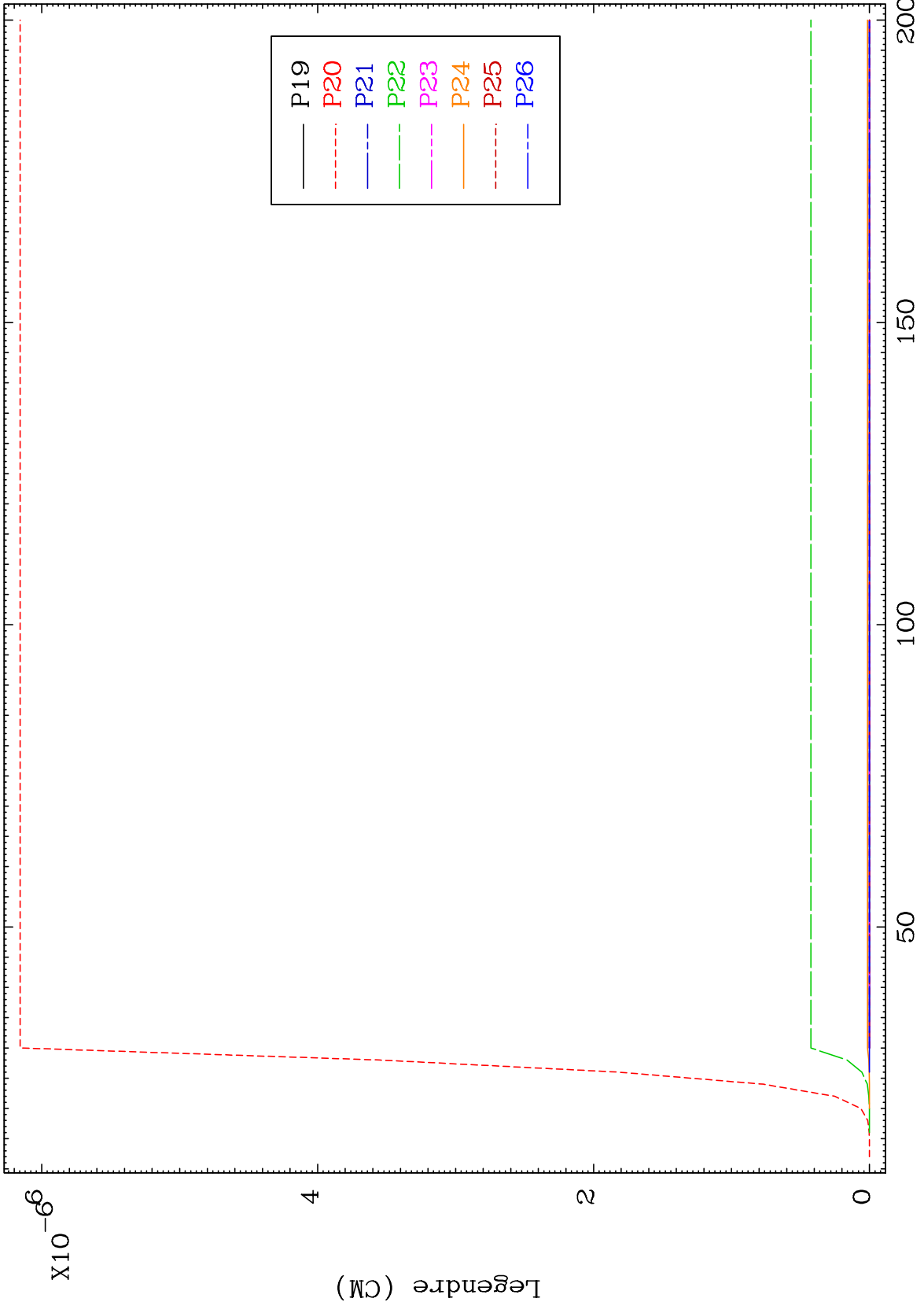


51

Incident Energy (MeV)

85-At-202

MAT 8522 MT= 60 (n,n') Level Legendre Coefficients 85-At-202

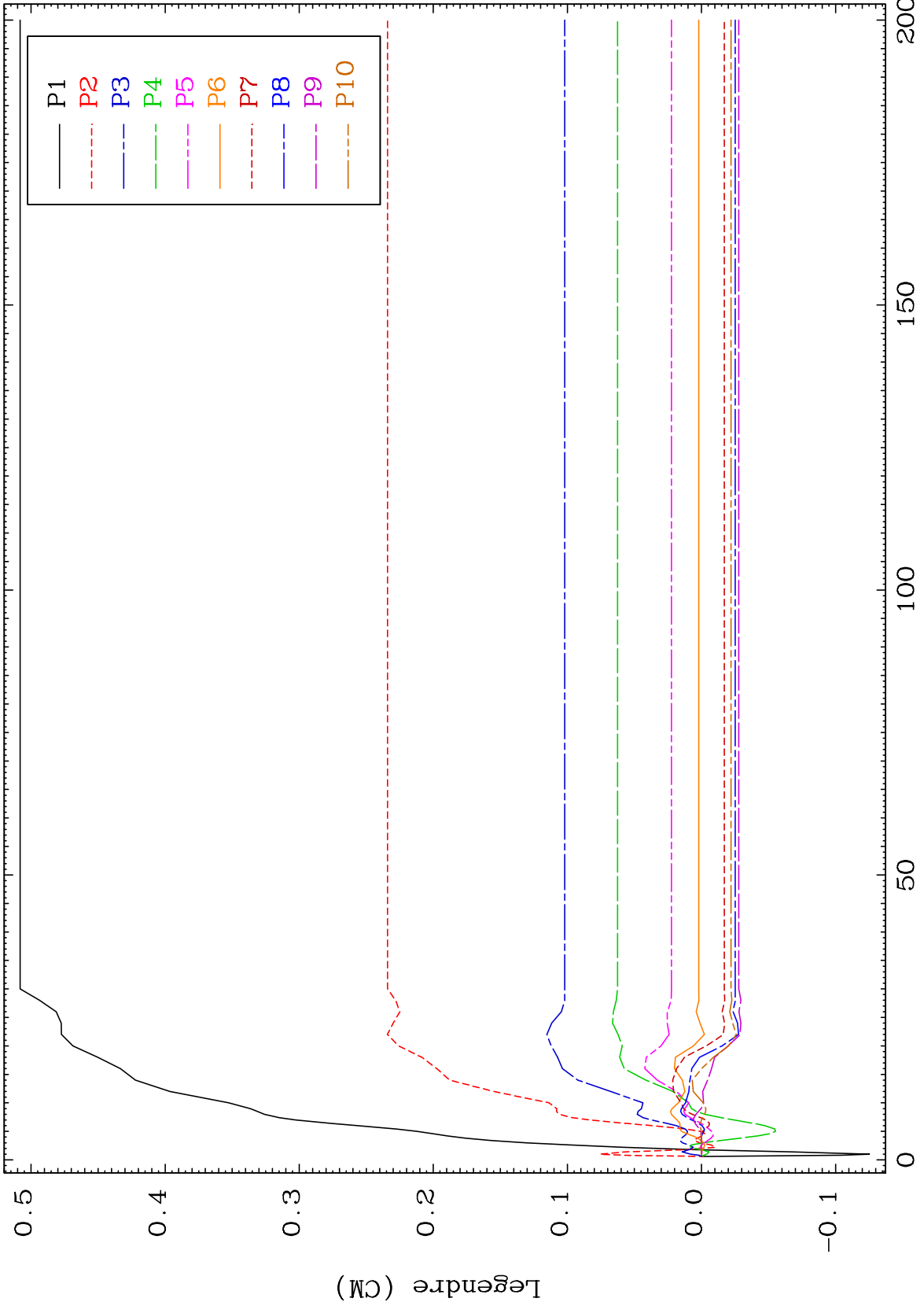


52 Incident Energy (MeV) 85-At-202

MAT 8522

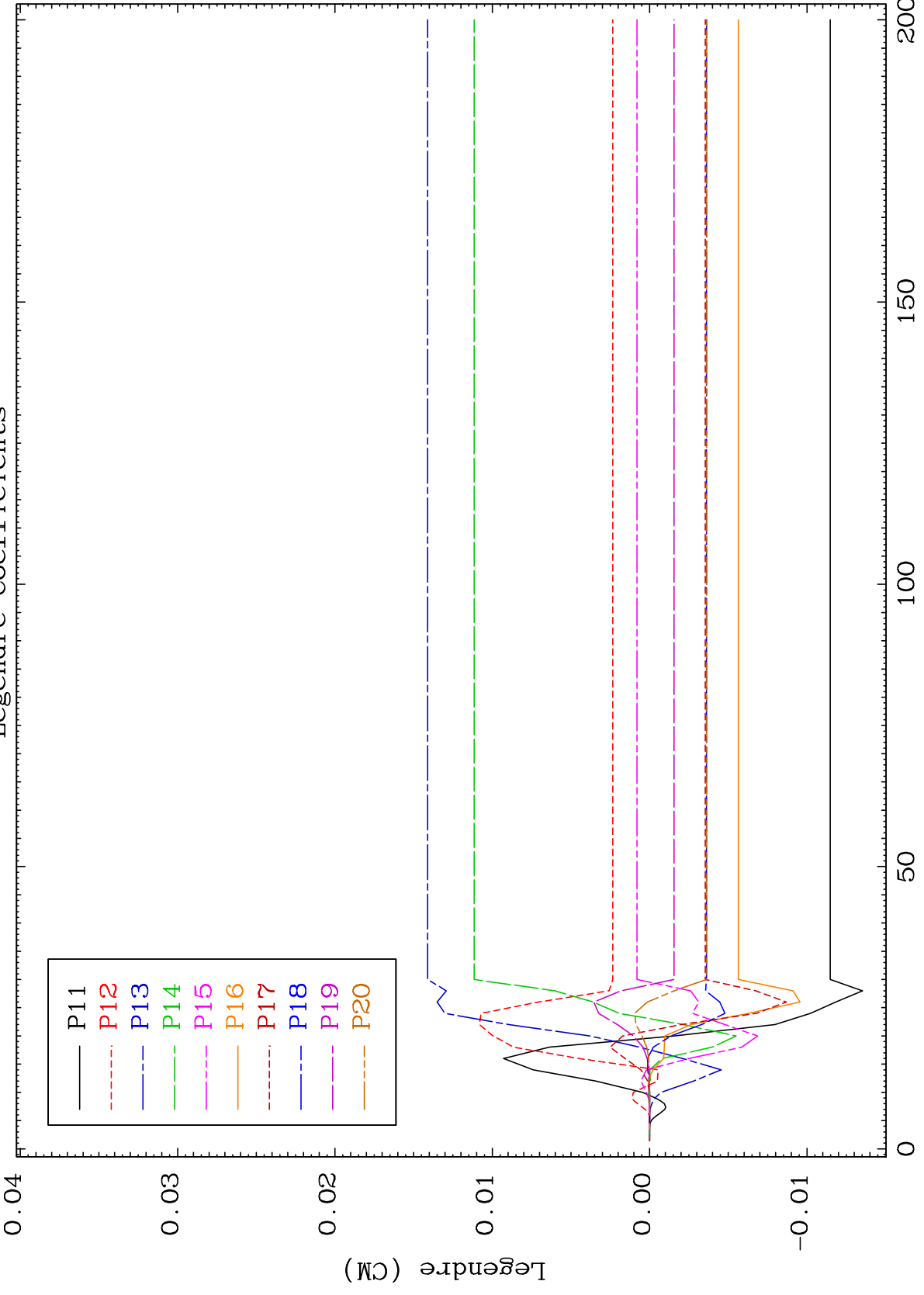
MT= 61 (n,n') Level
Legendre Coefficients

85-At-202



53

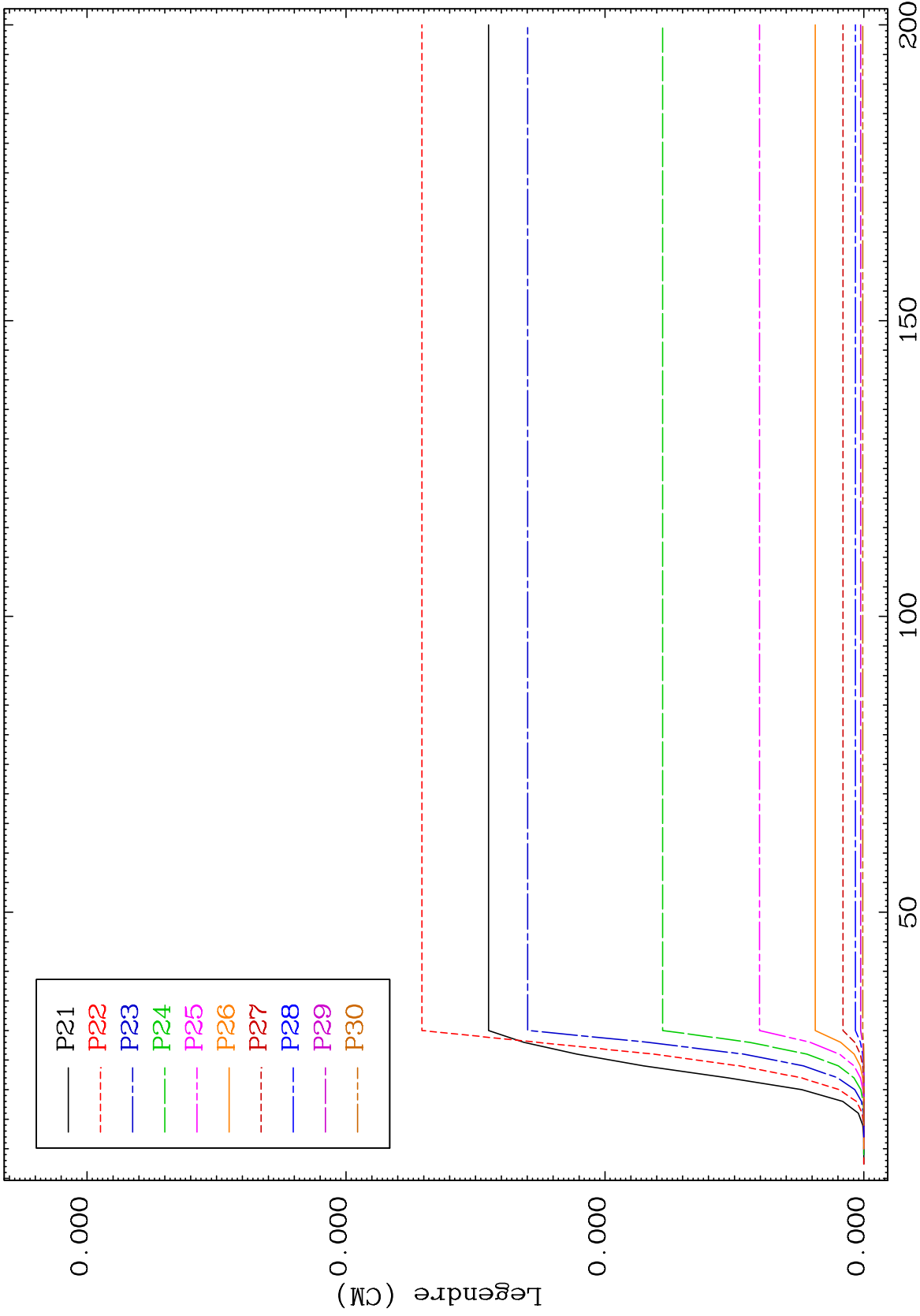
85-At-202



MAT 8522

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

85-At-202



55

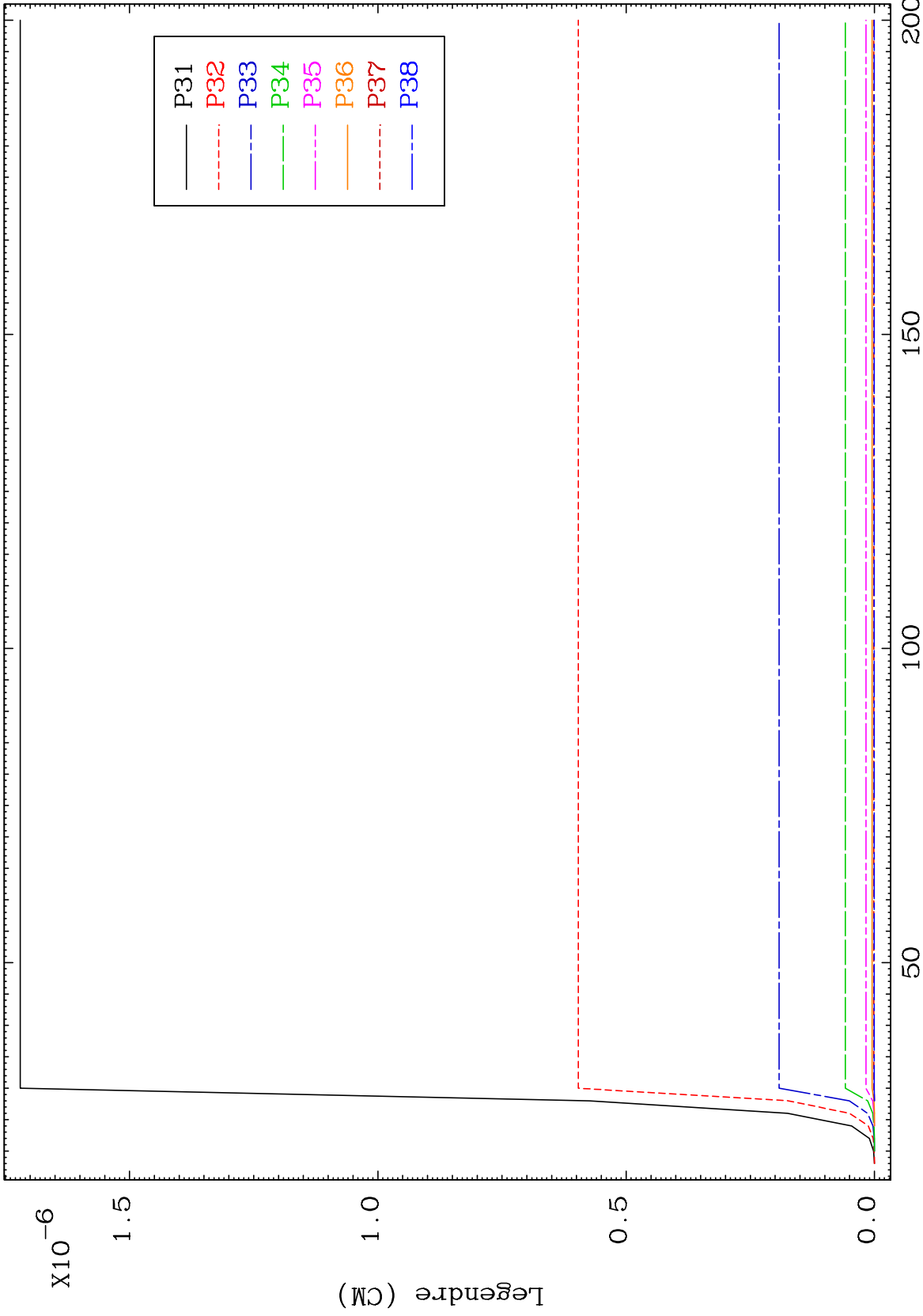
Incident Energy (MeV)

85-At-202

MAT 8522

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

85-At-202



56

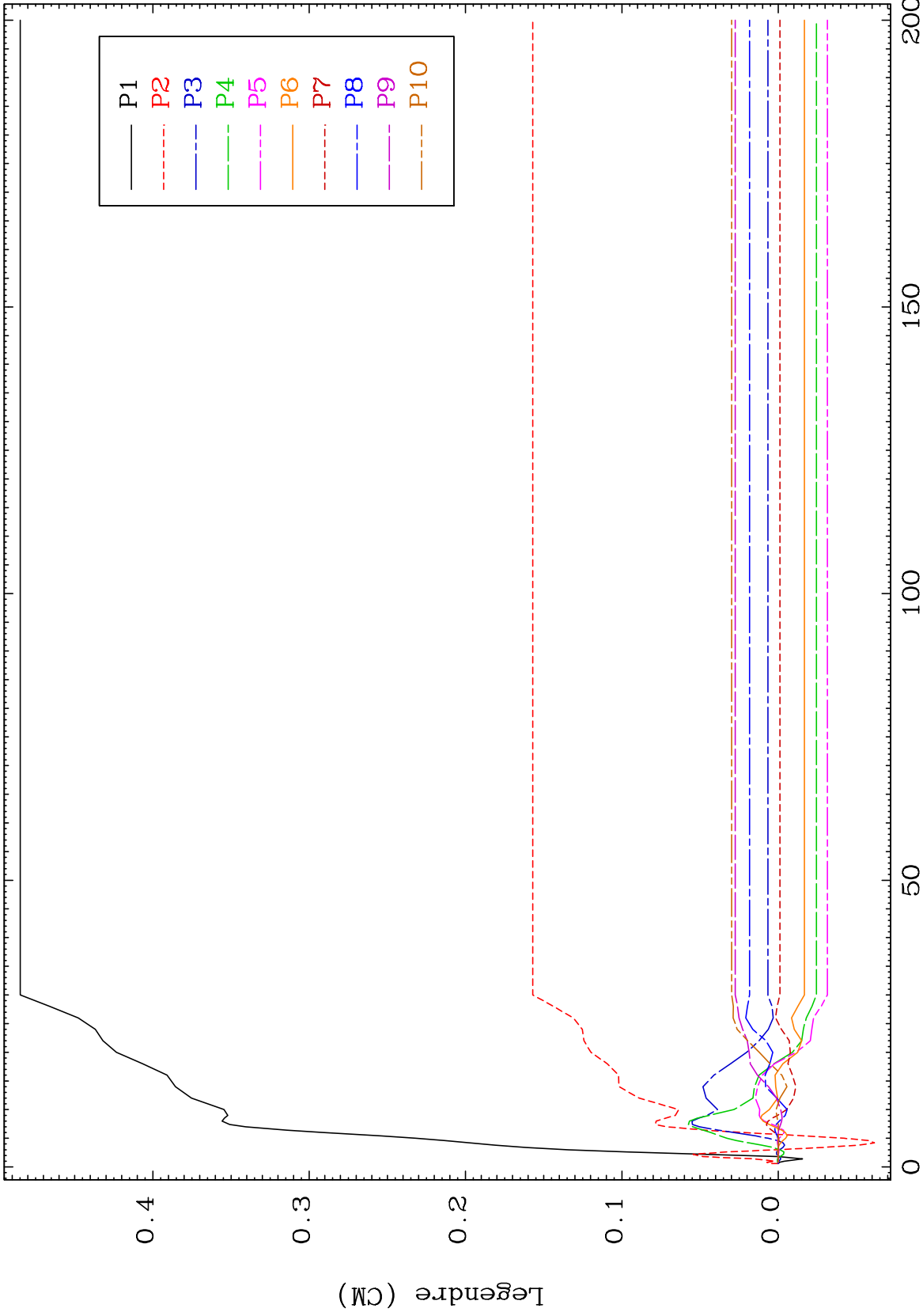
Incident Energy (MeV)

85-At-202

MAT 8522

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

85-At-202



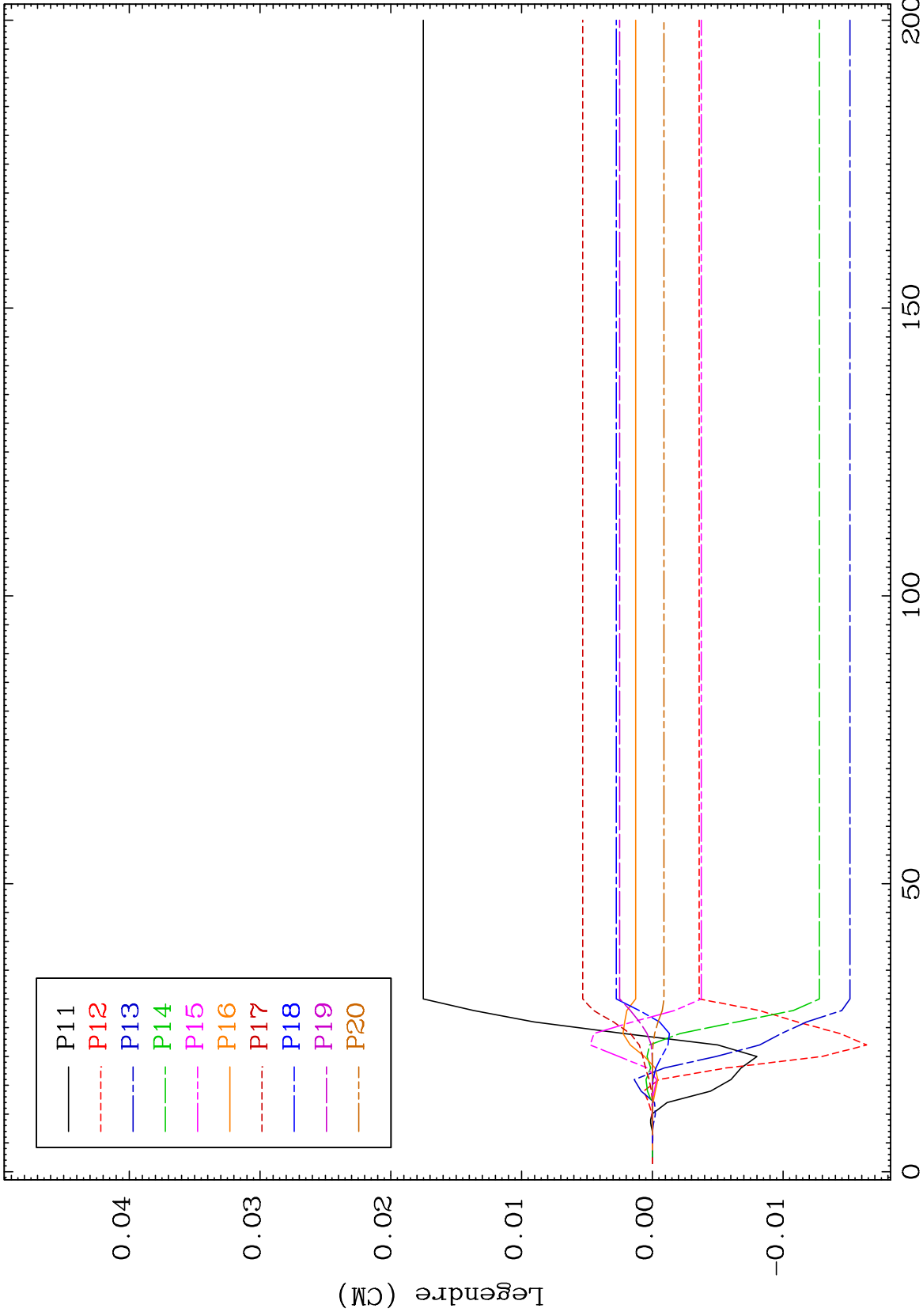
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85-At-202

MAT 8522

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

85-At-202



58

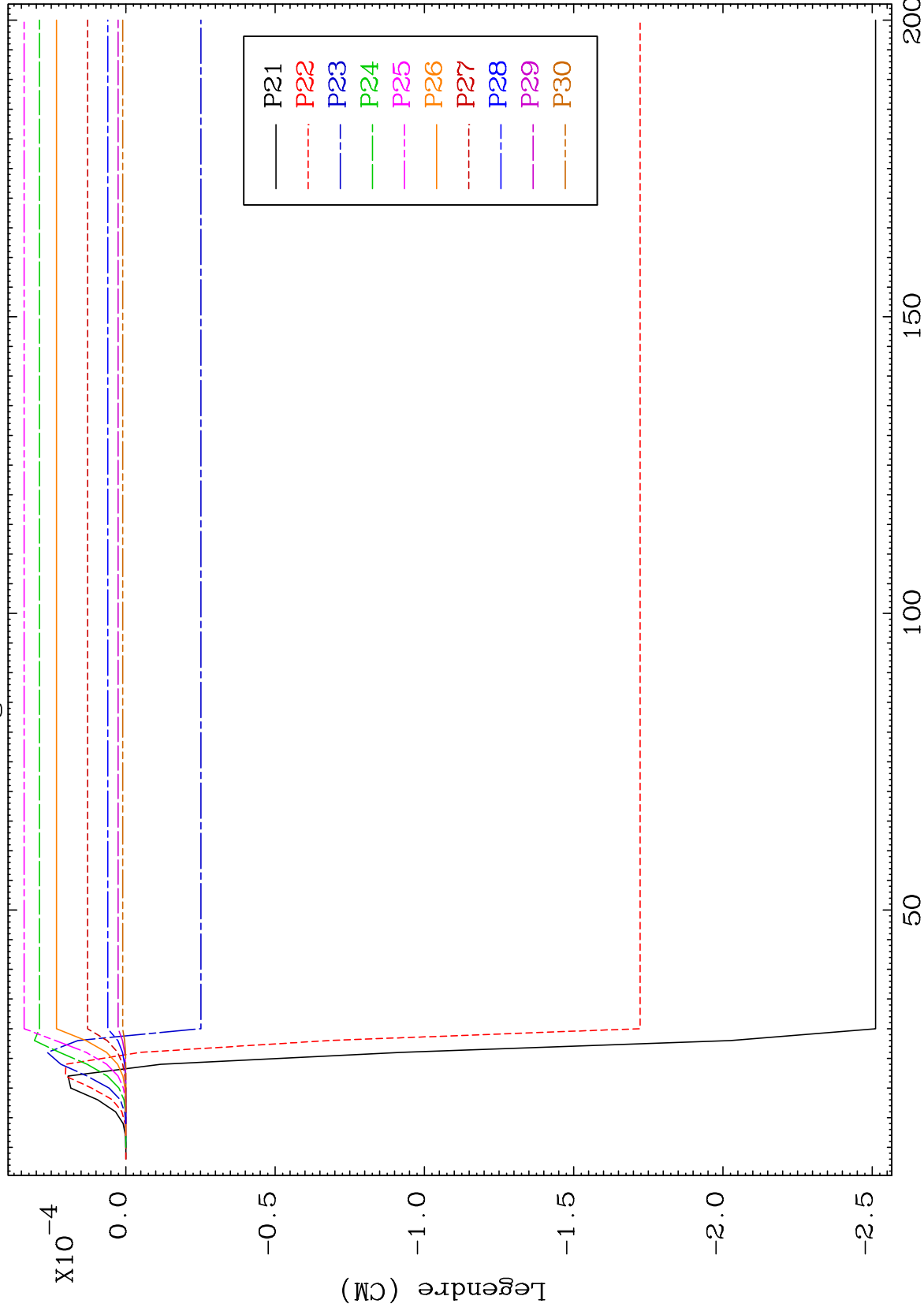
Incident Energy (MeV)

85-At-202

MAT 8522

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

85-At-202



59

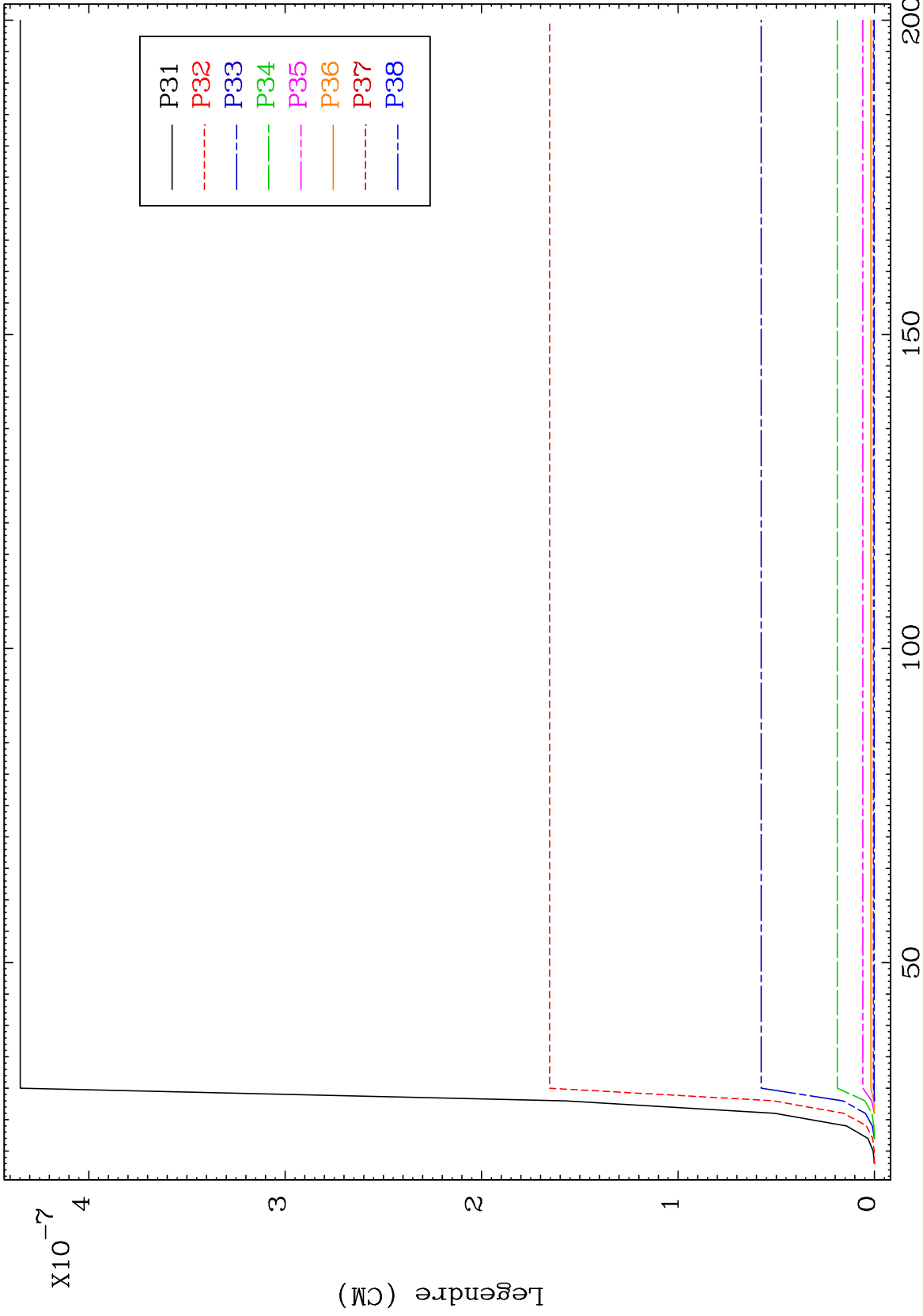
Incident Energy (MeV)

85-At-202

MAT 8522

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

85-At-202



60

Incident Energy (MeV)

150

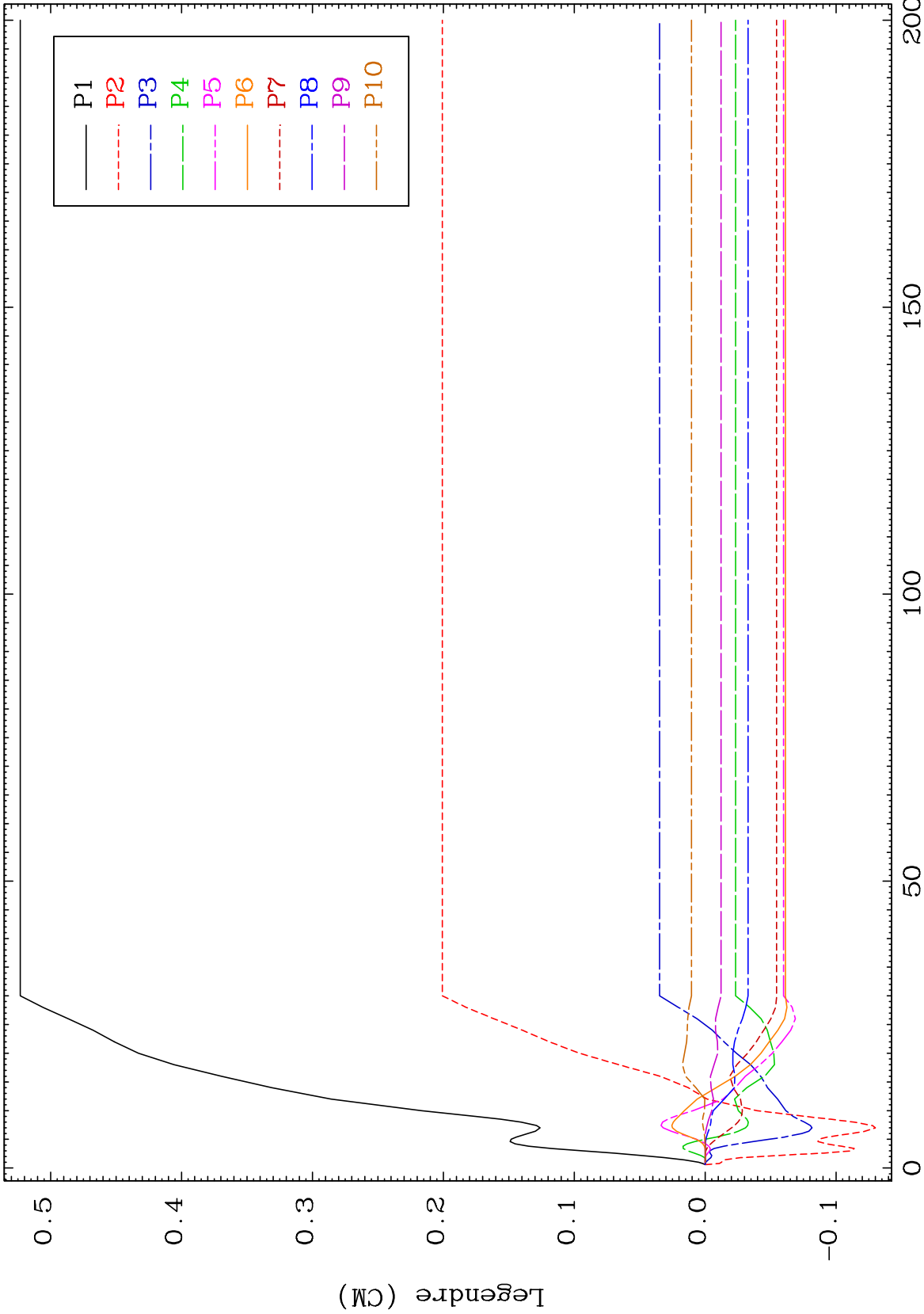
200

85-At-202

MAT 8522

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

85-At-202



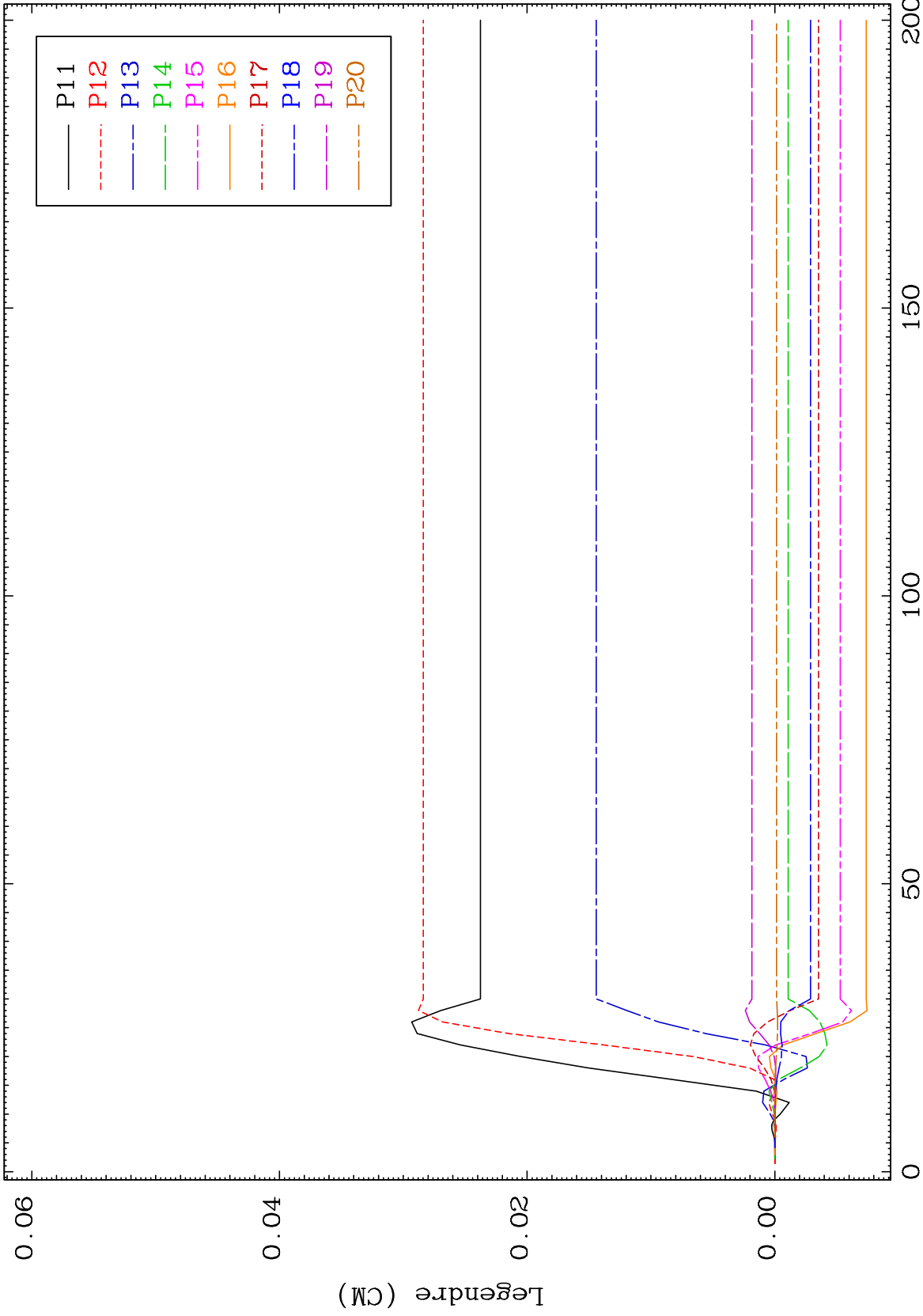
61

85-At-202

MAT 8522

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

85-At-202



62

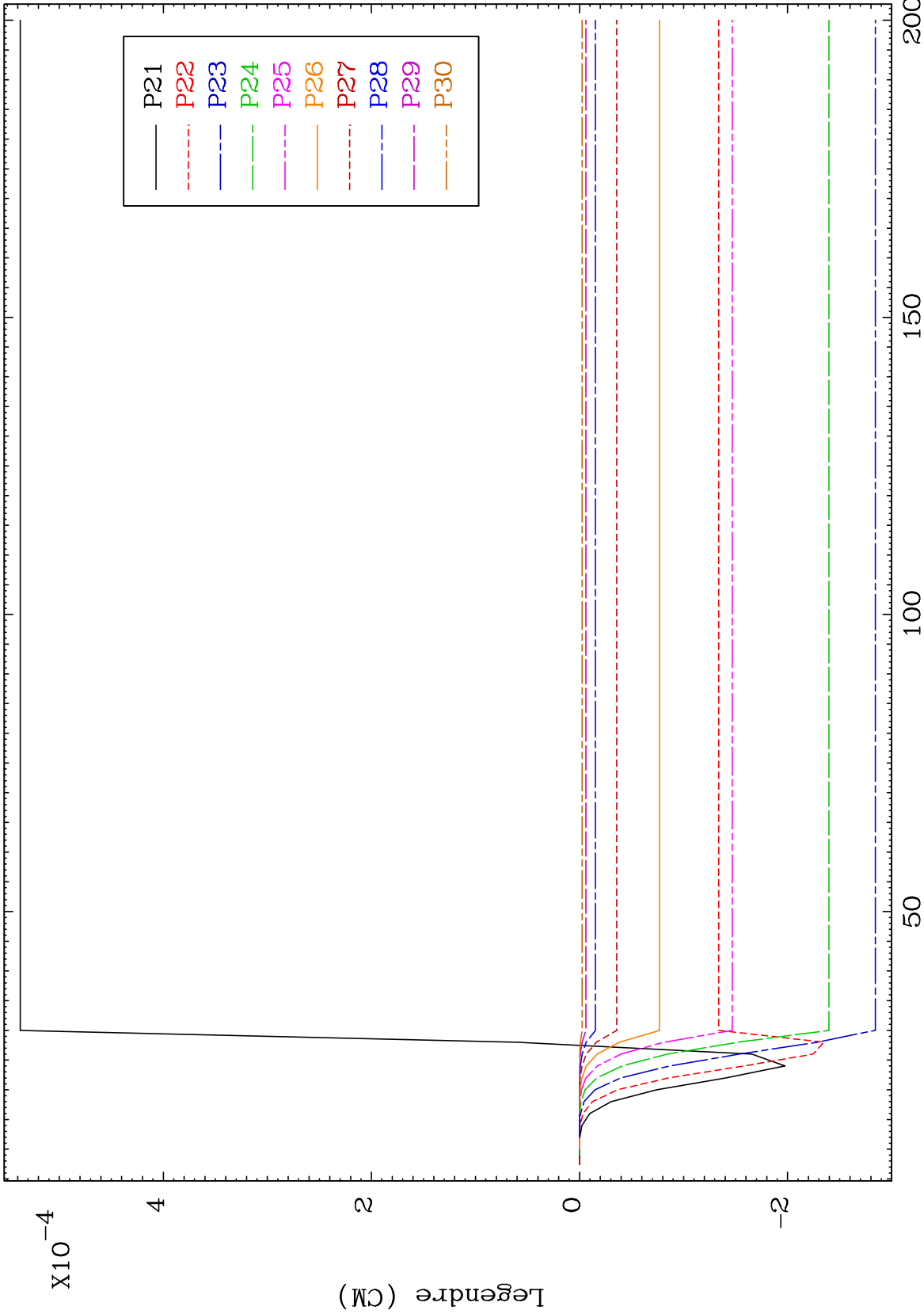
Incident Energy (MeV)

85-At-202

MAT 8522

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

85-At-202



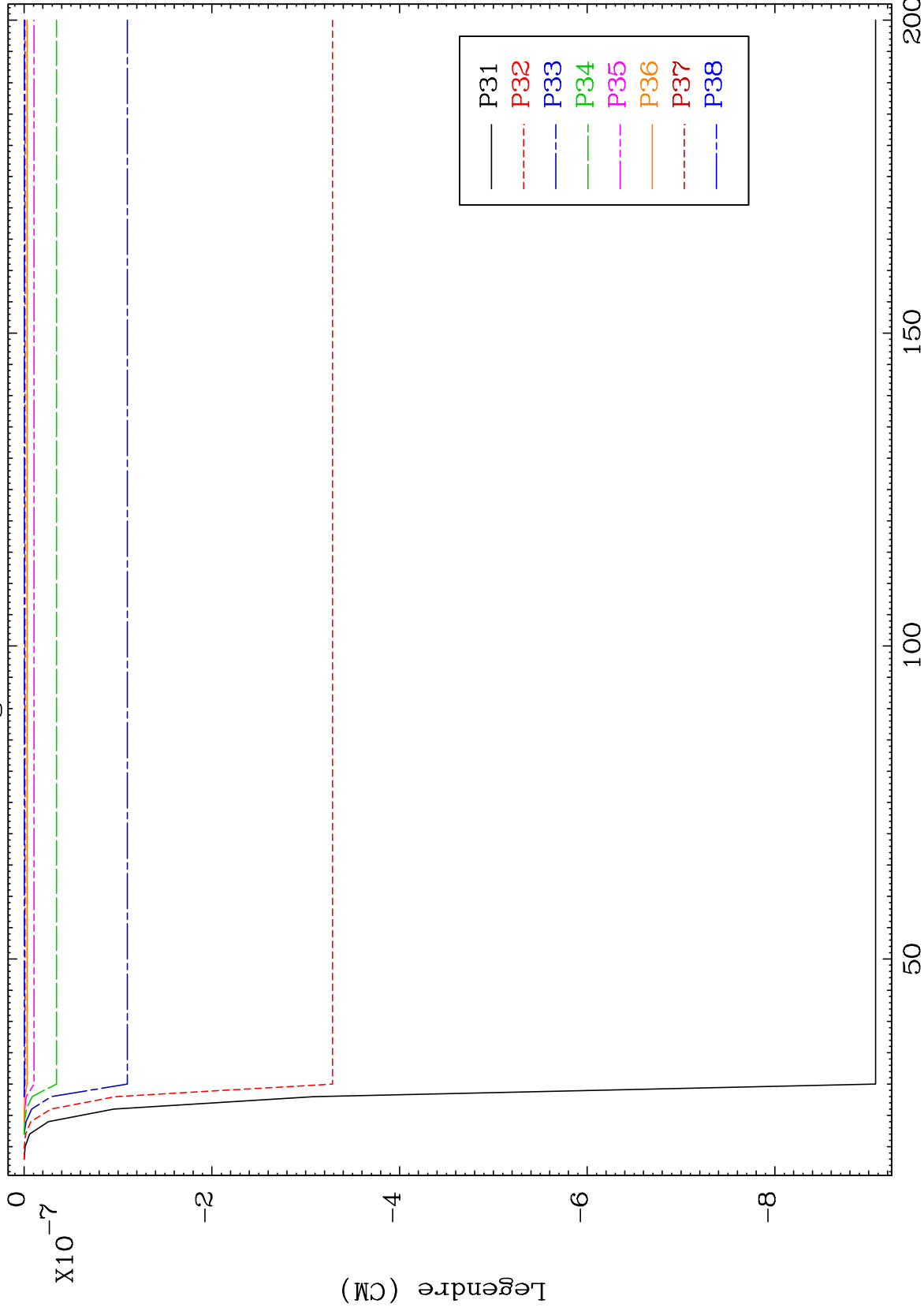
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85-At-202

MAT 8522

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

85-At-202



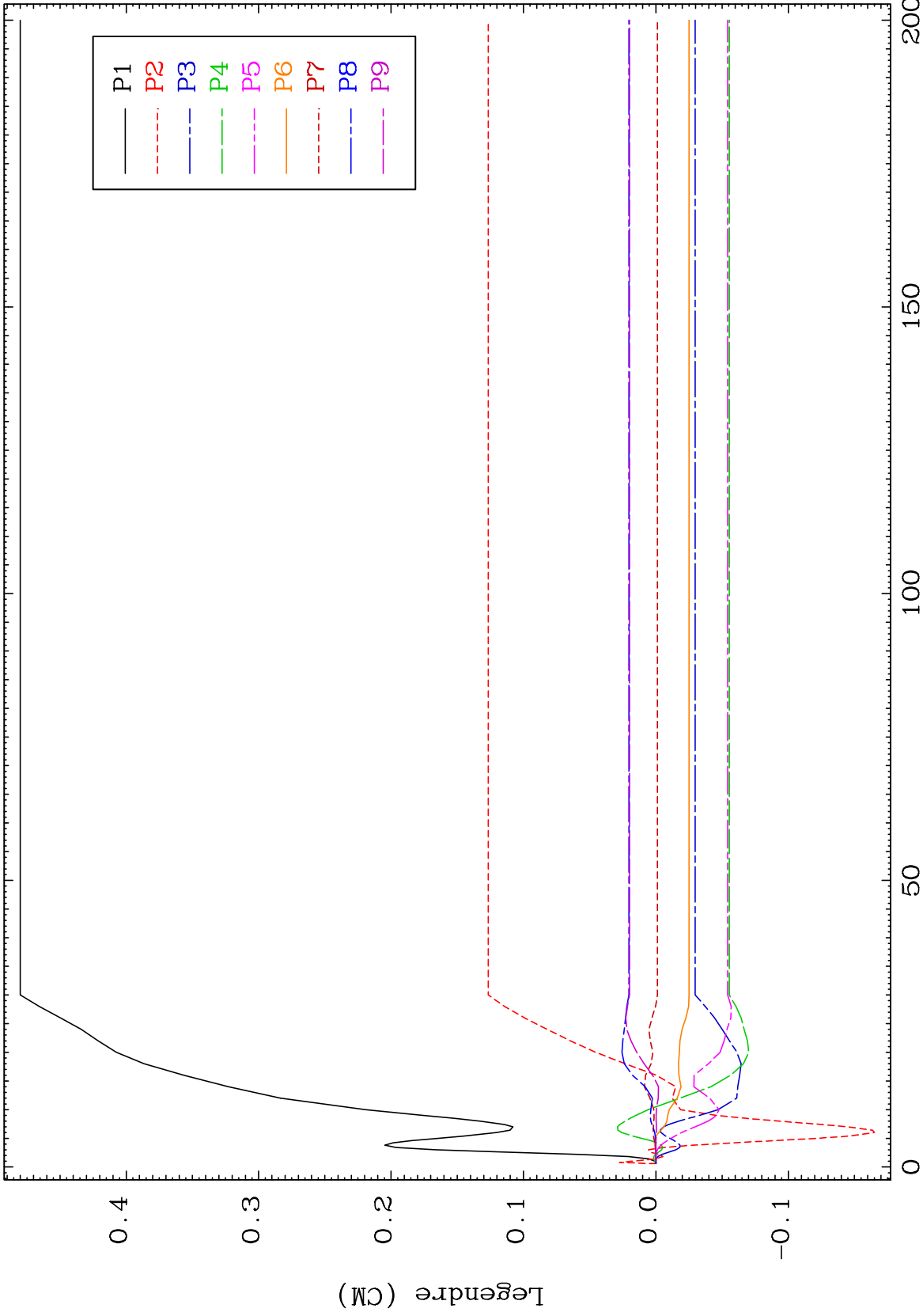
85-At-202

64

MAT 8522

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

85-At-202



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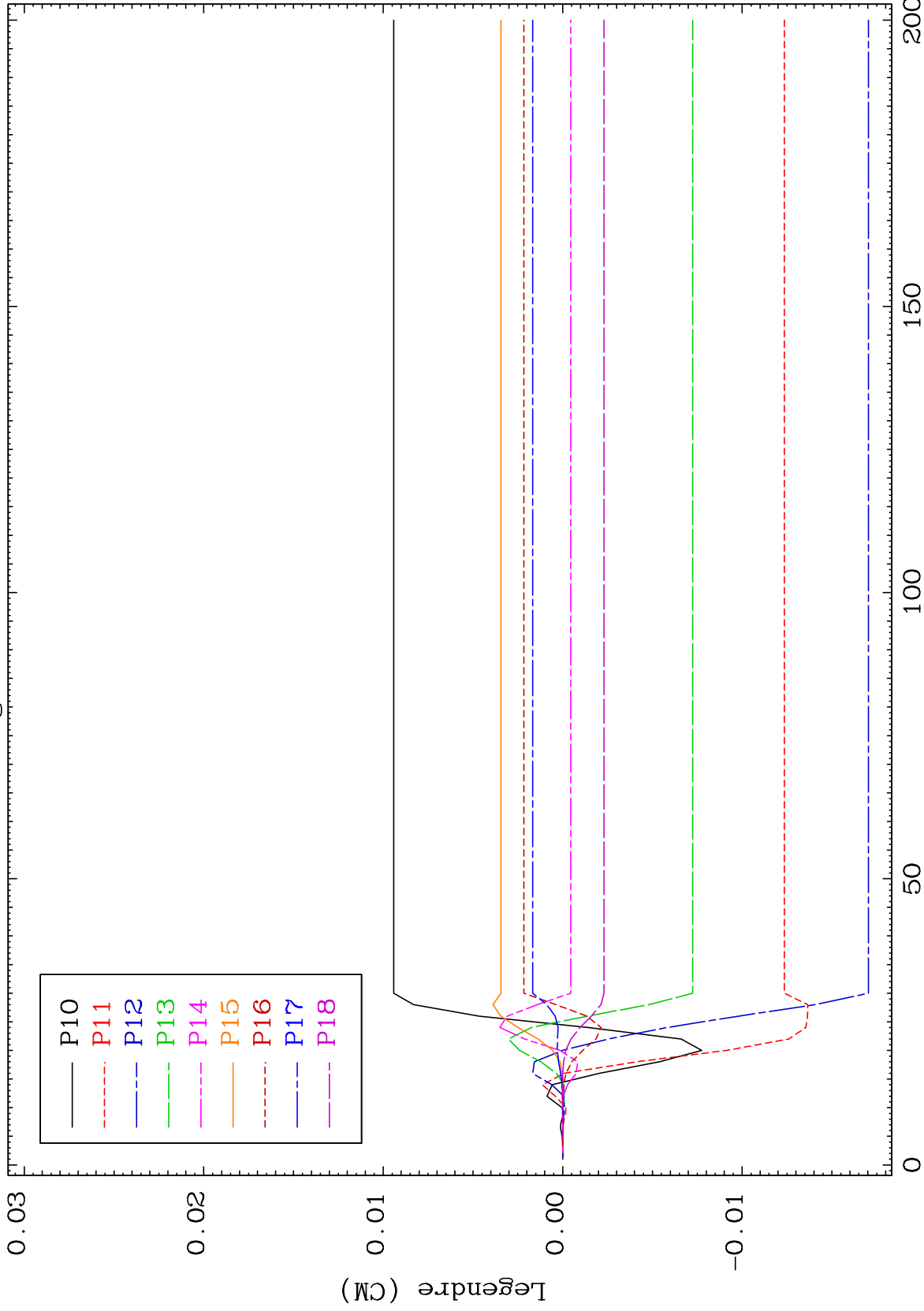
Incident Energy (MeV)

85-At-202

MAT 8522

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

85-At-202



66

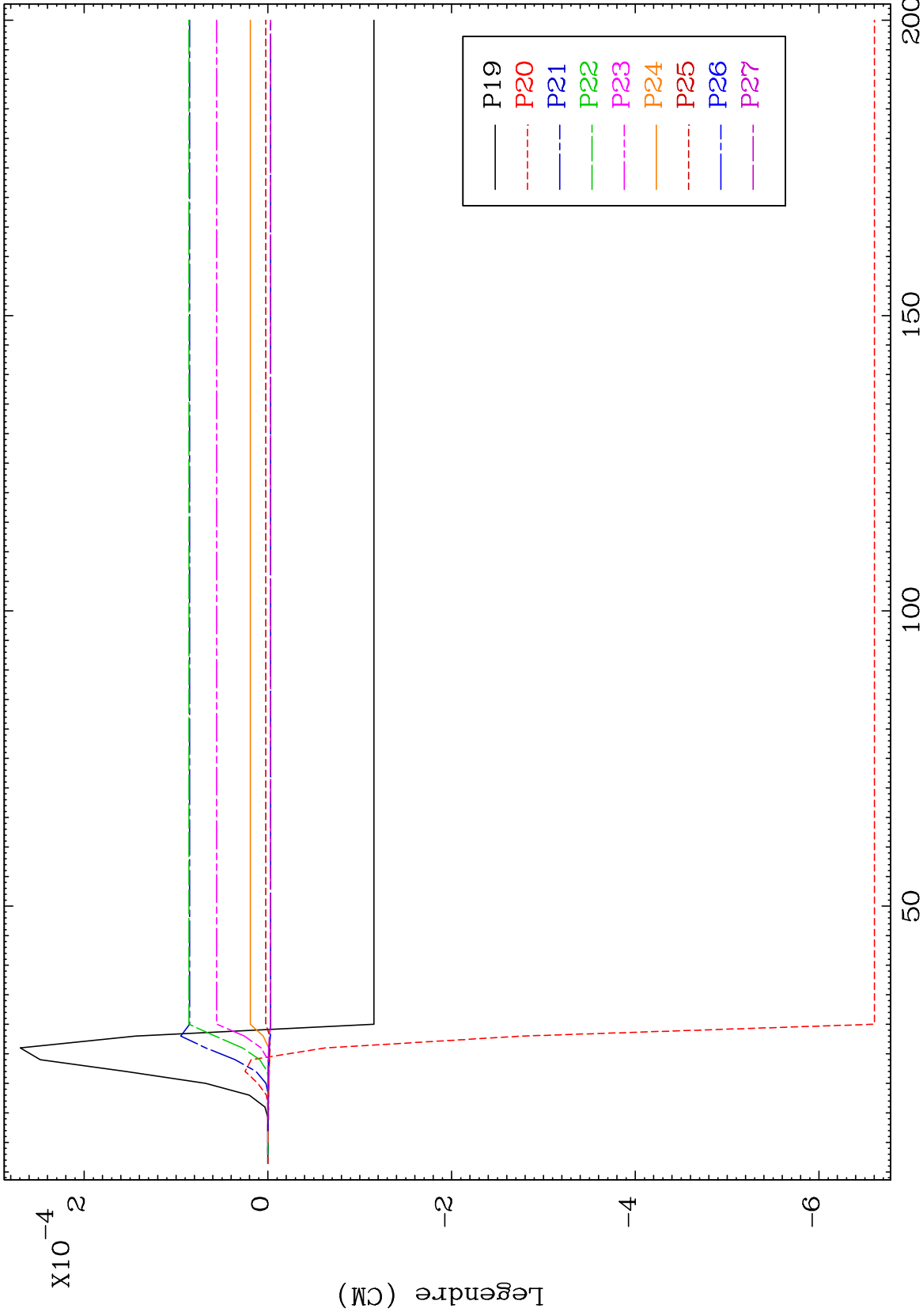
Incident Energy (MeV)

85-At-202

MAT 8522

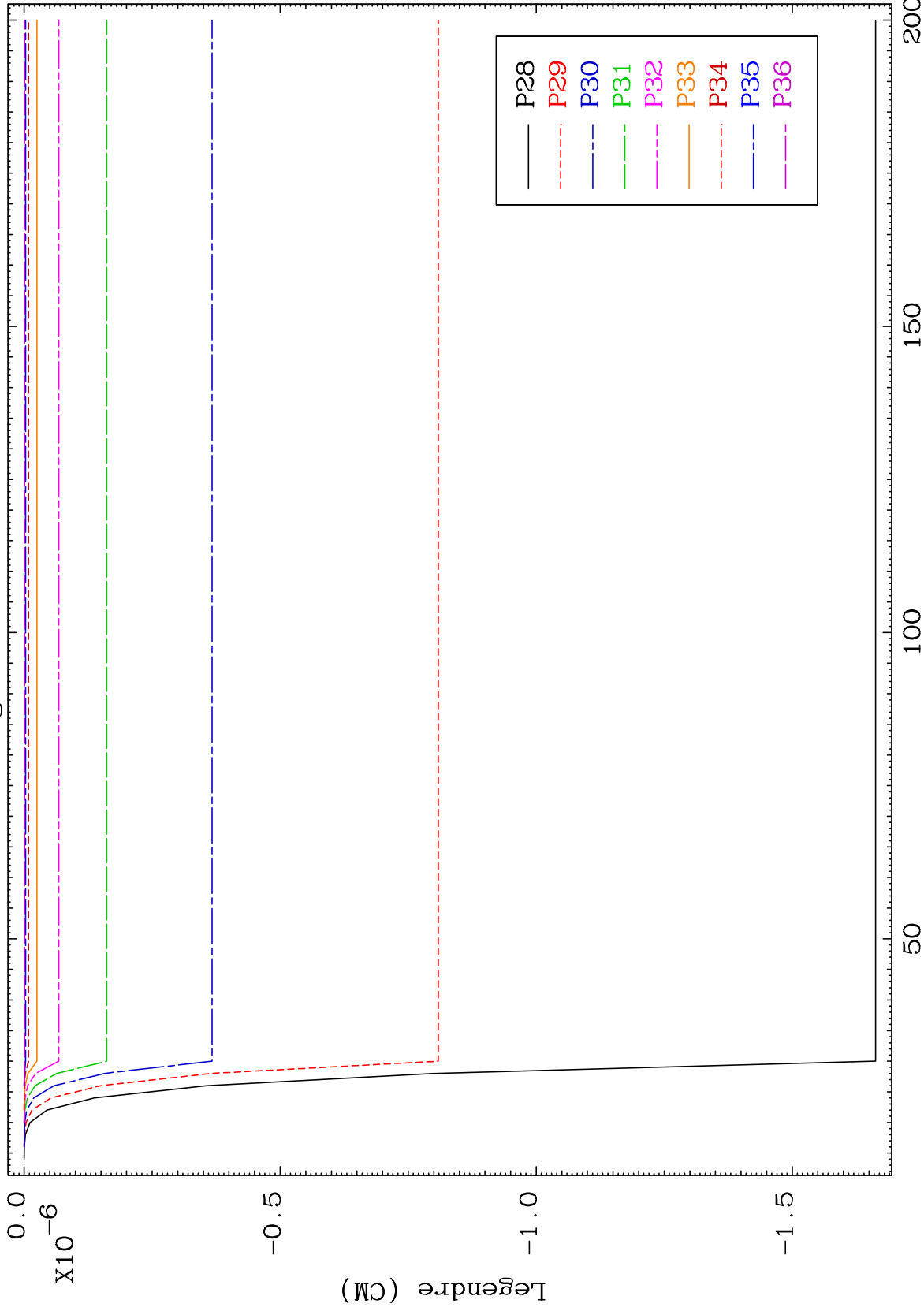
MT= 64 (n,n') Level
Legendre Coefficients

85-At-202



67

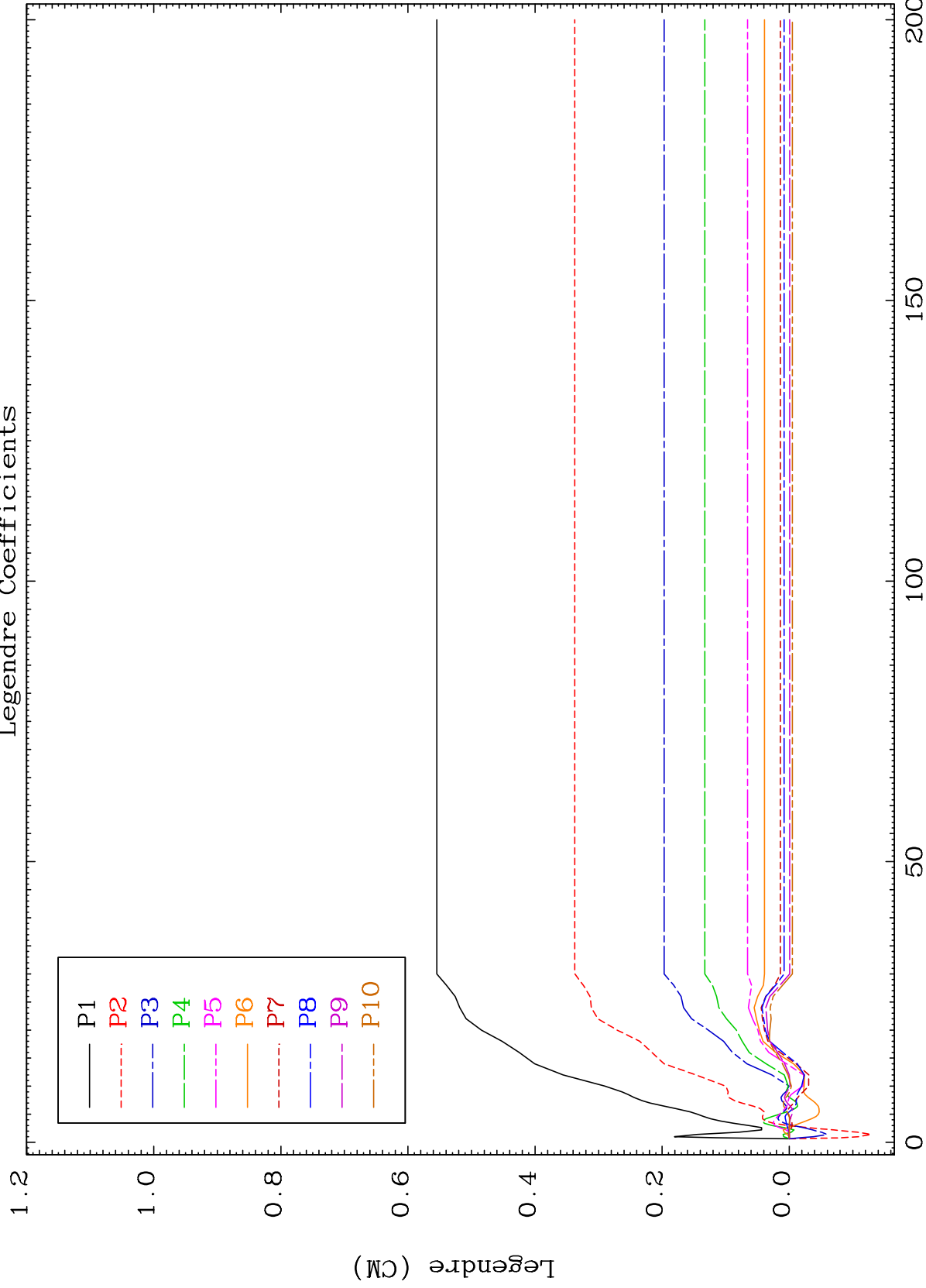
85-At-202



MAT 8522

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

85-At-202



69

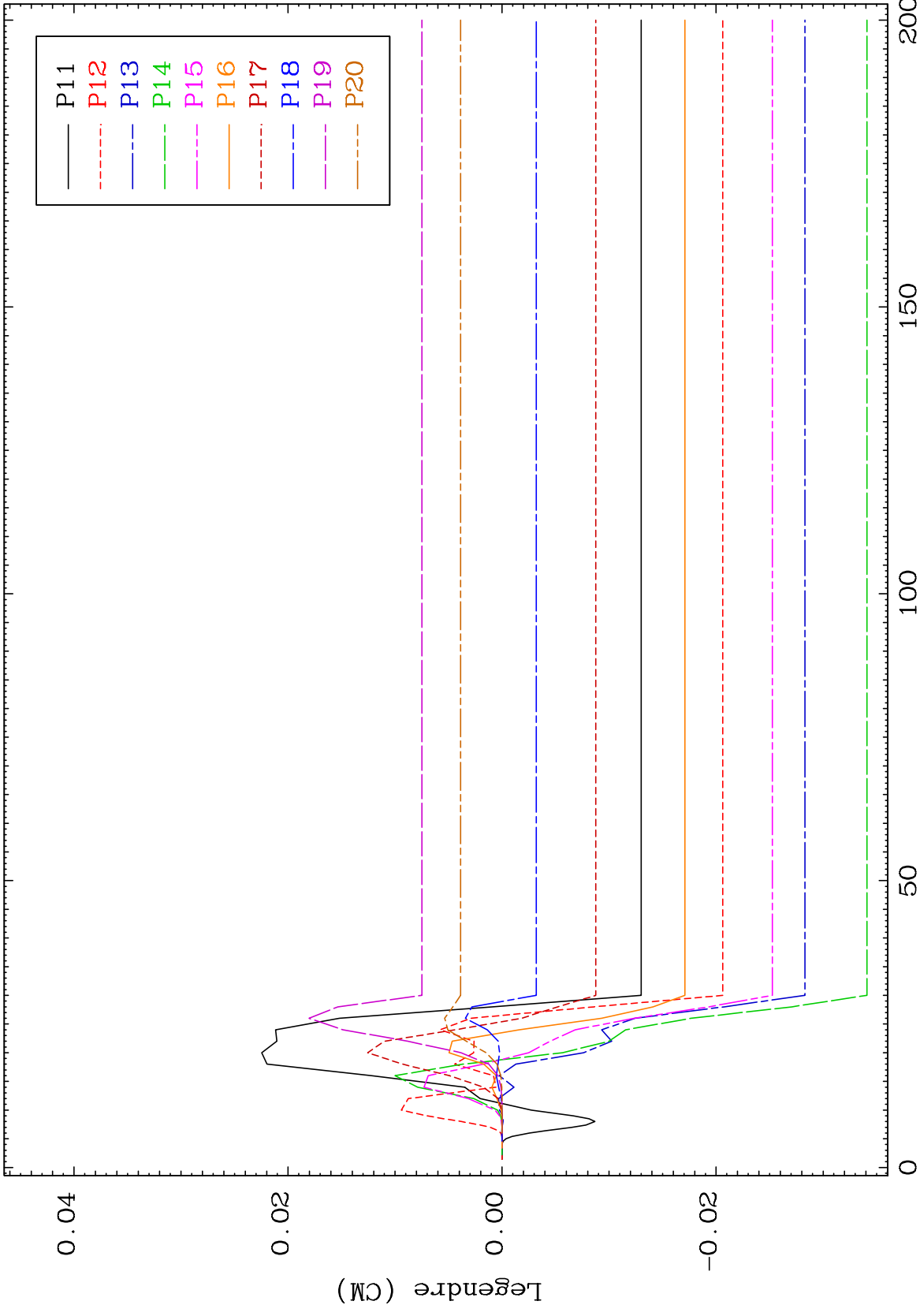
Incident Energy (MeV)

85-At-202

MAT 8522

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

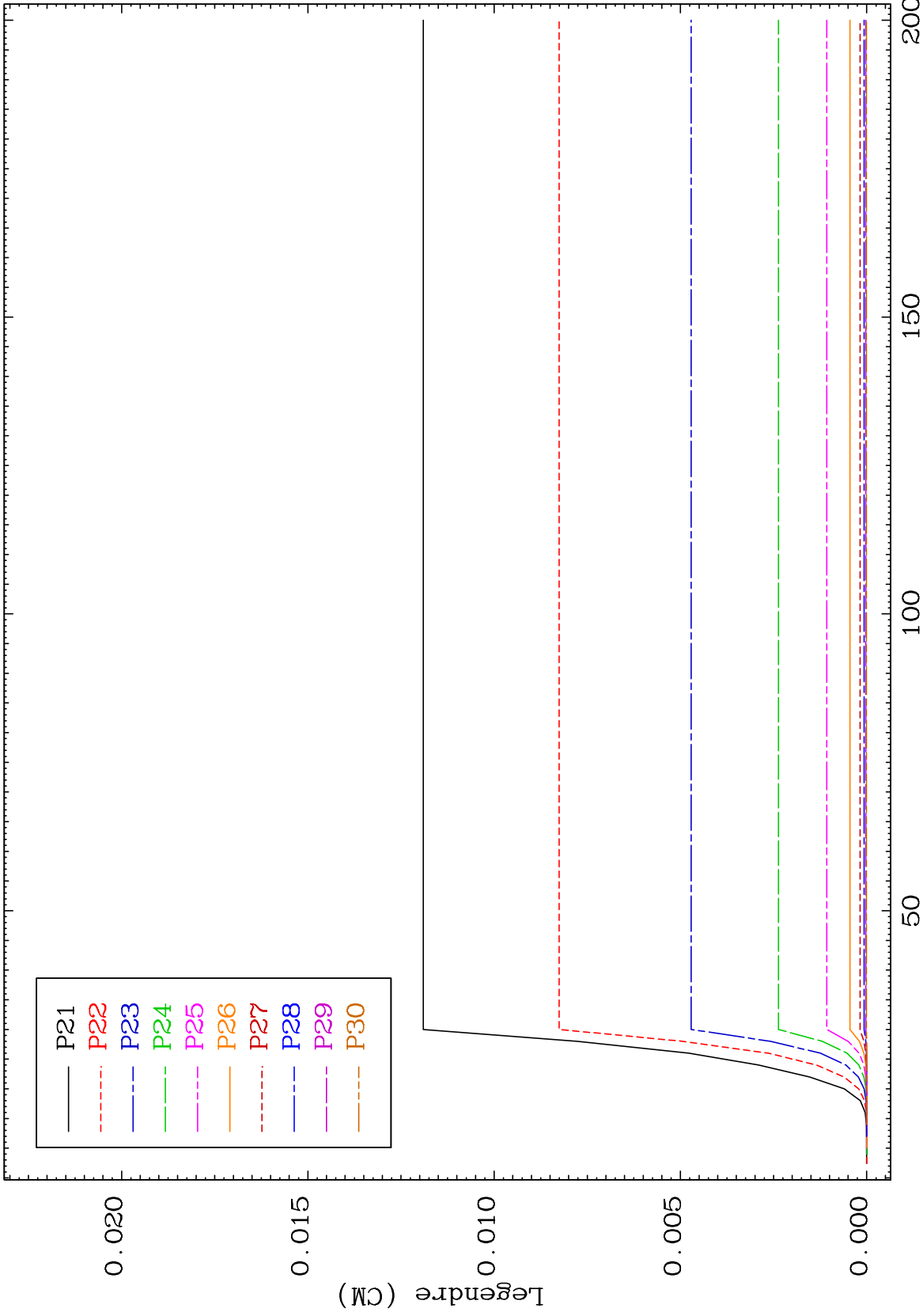
85-At-202



70

Incident Energy (MeV)

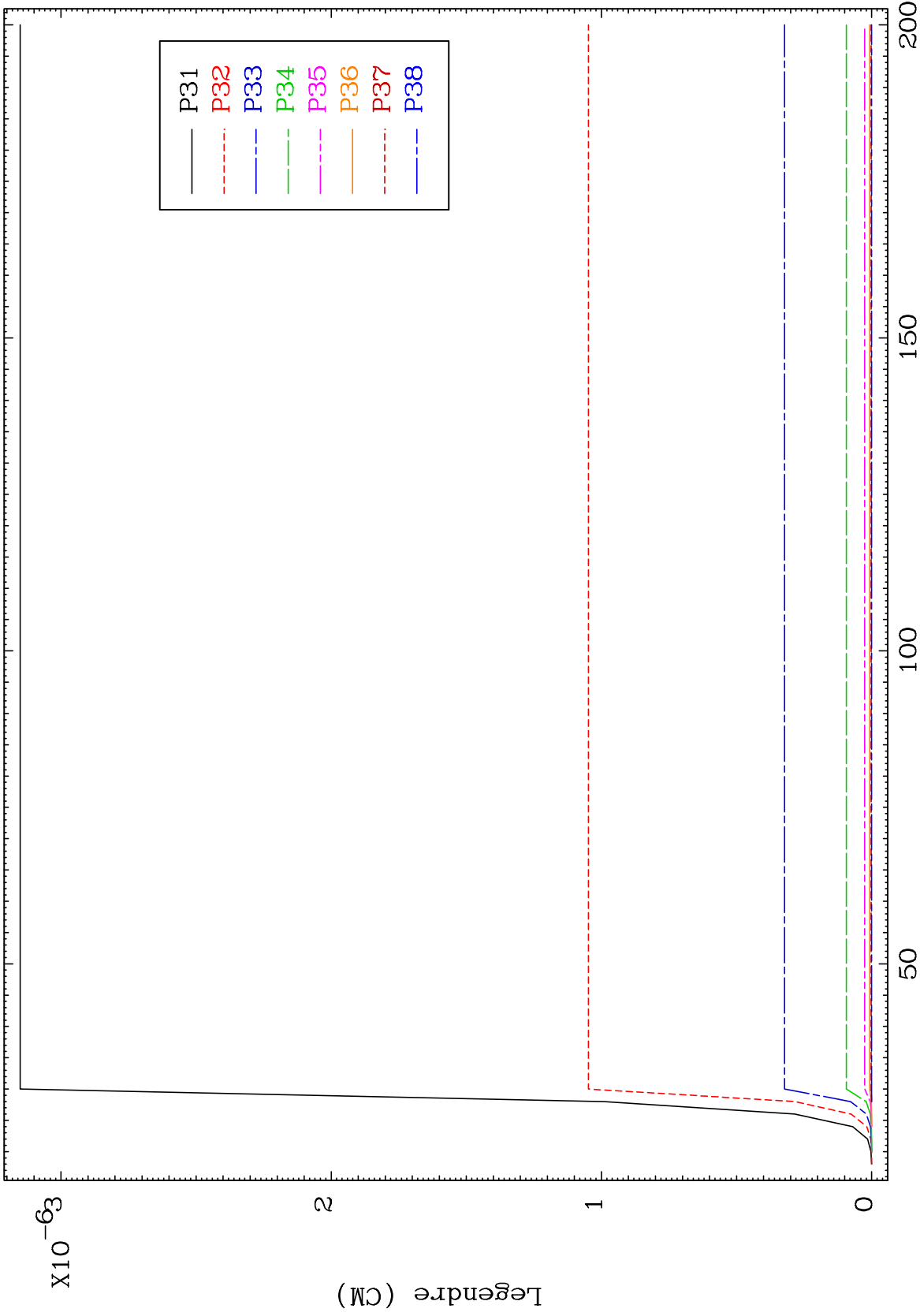
85-At-202



MAT 8522

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

85-At-202



72

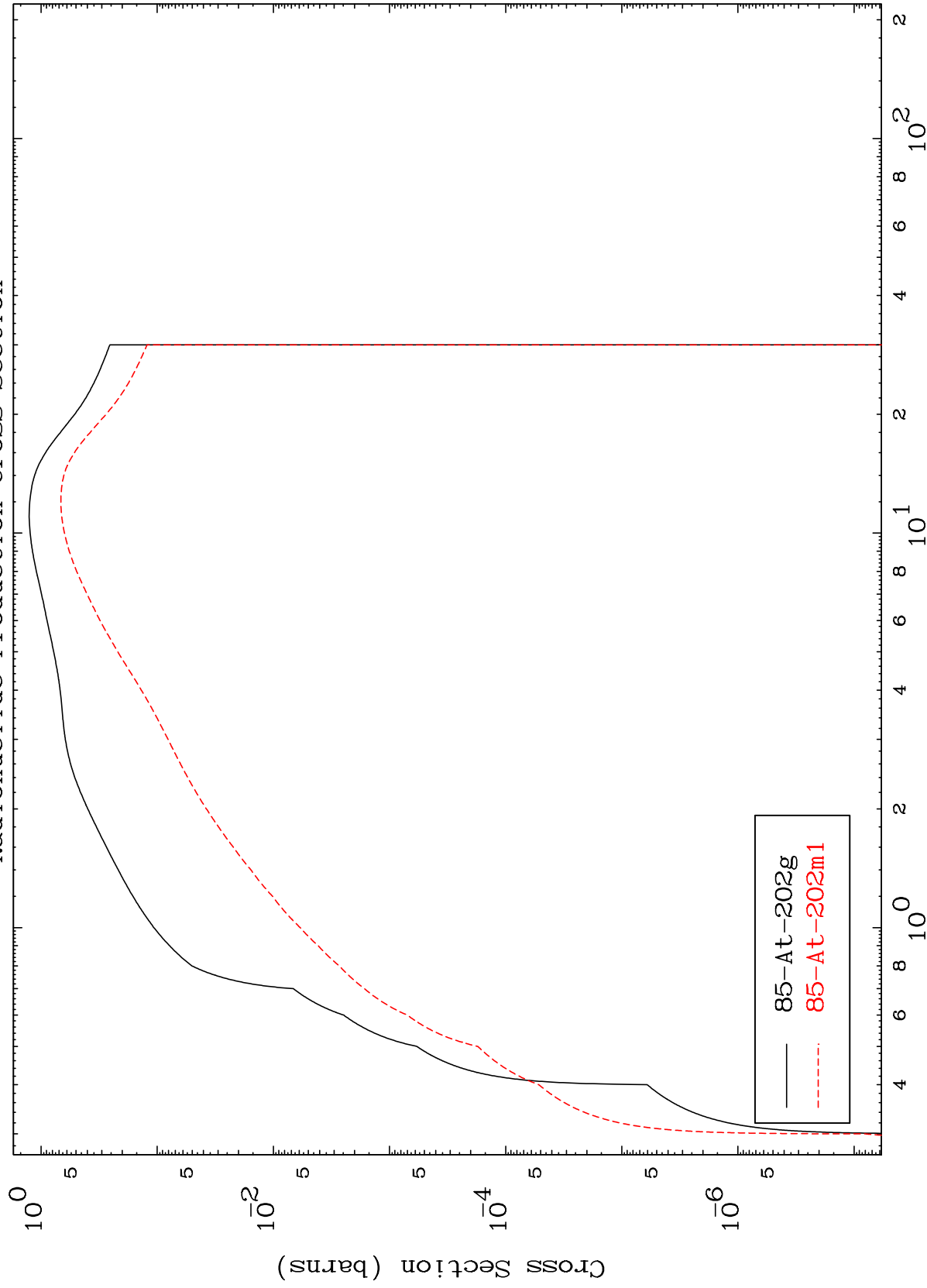
Incident Energy (MeV)

85-At-202

MAT 8522

85-At-202

Inelastic Radionuclide Production Cross Section



73

Incident Energy (MeV)

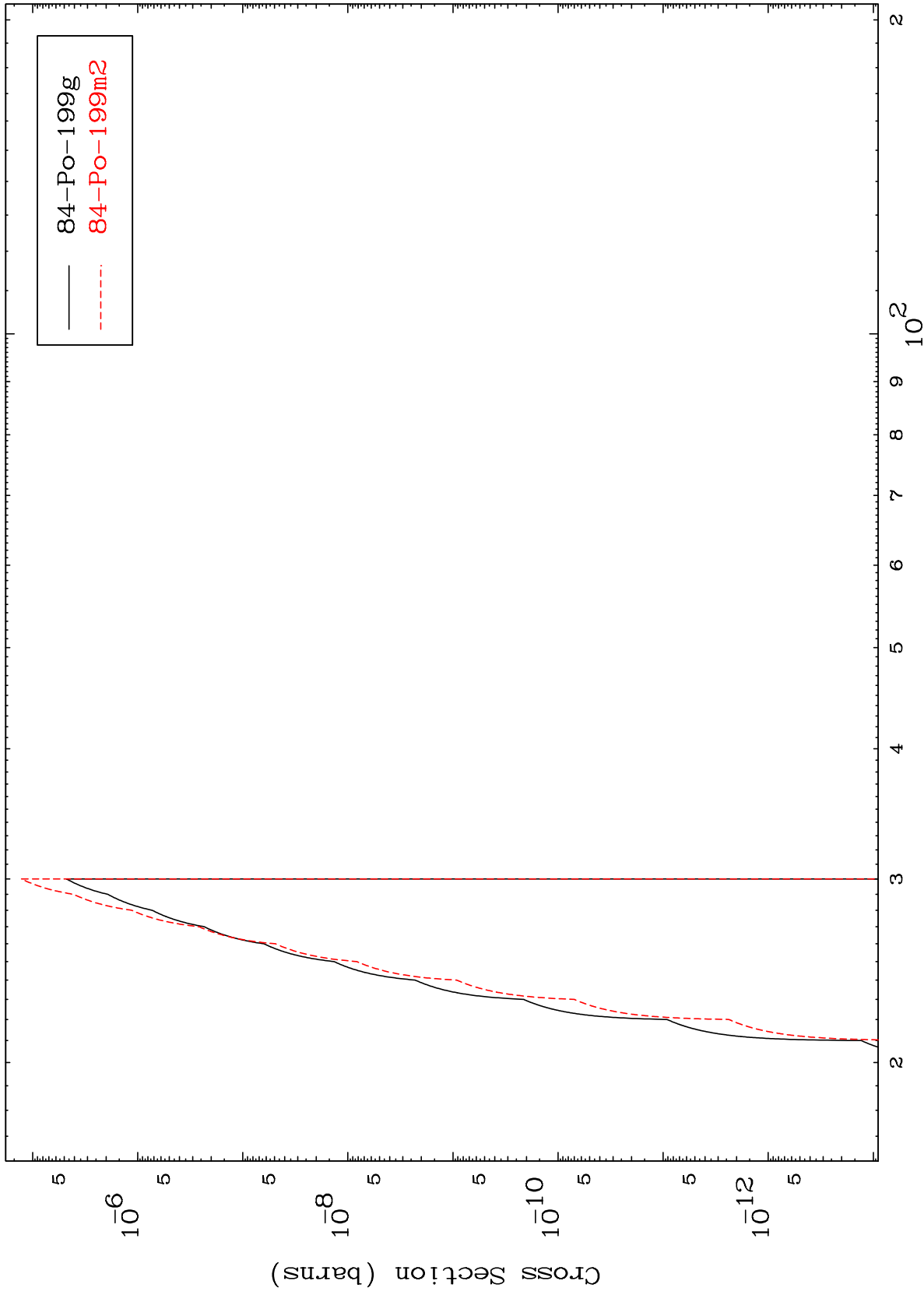
85-At-202

MAT 8522

(n,2n) d

85-At-202

Radionuclide Production Cross Section



74

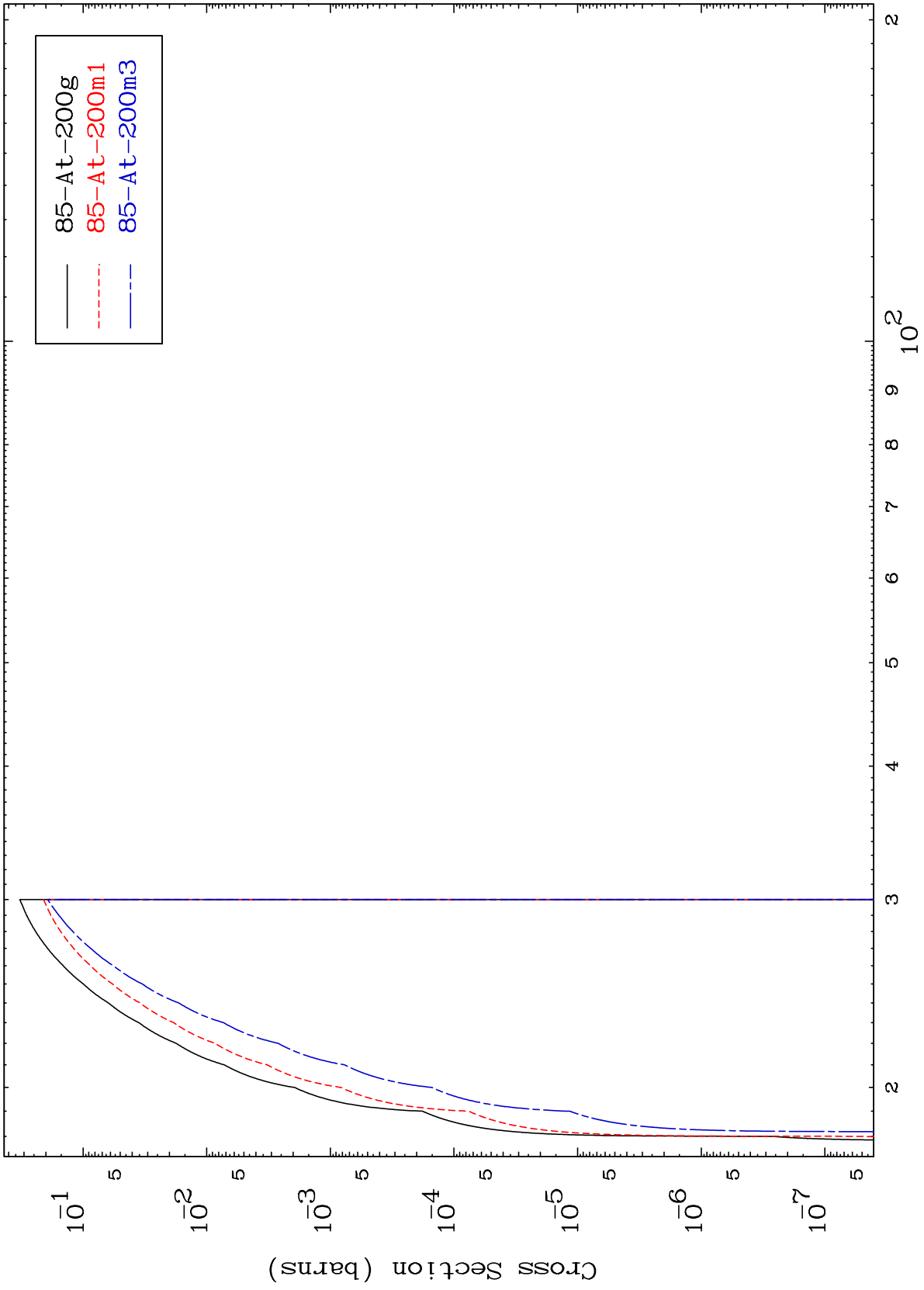
Incident Energy (MeV)

85-At-202

MAT 8522

85-At-202

(n,3n)
Radionuclide Production Cross Section



75

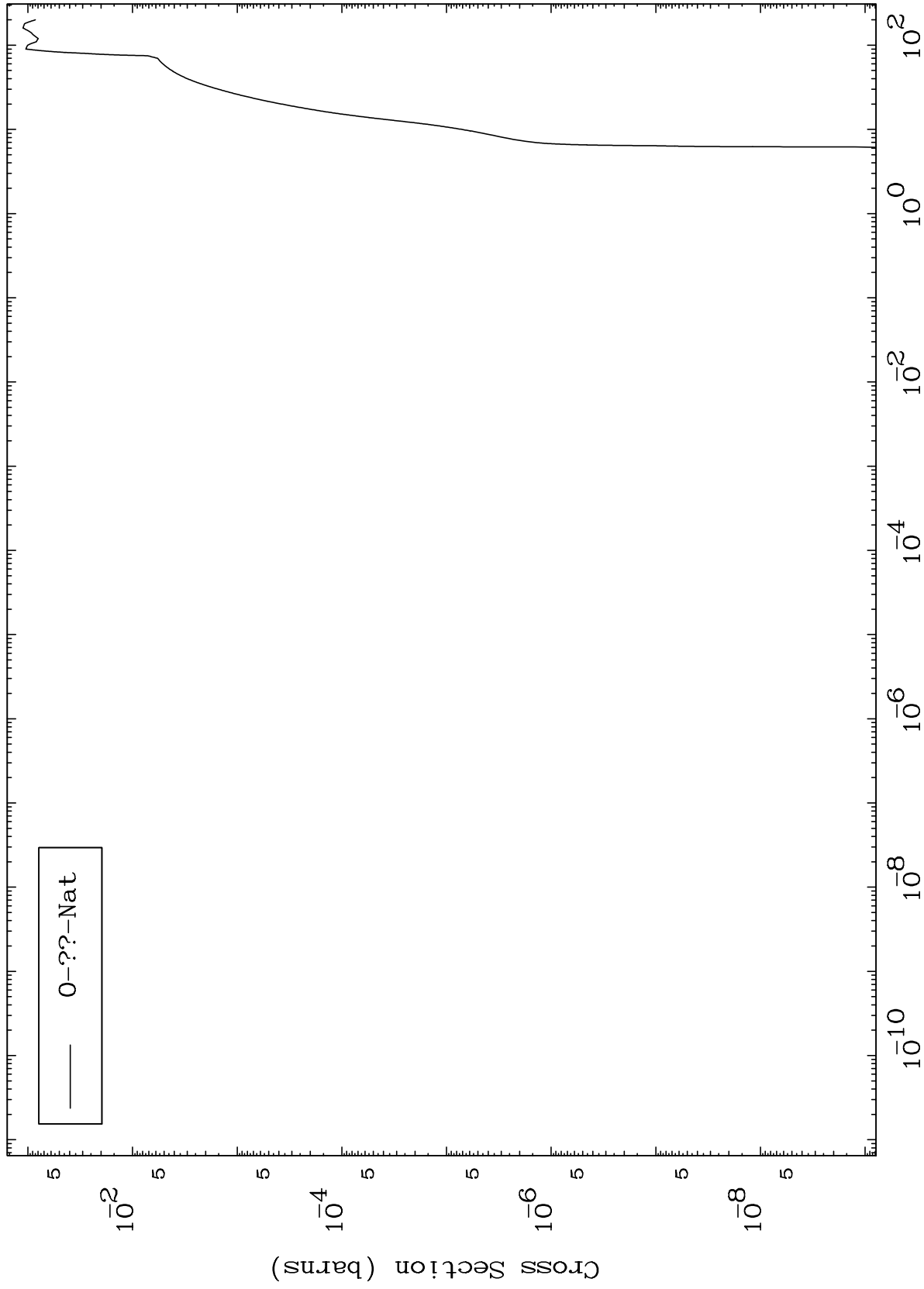
Incident Energy (MeV)

85-At-202

MAT 8522

Fission
Radionuclide Production Cross Section

85-At-202



76

Incident Energy (MeV)

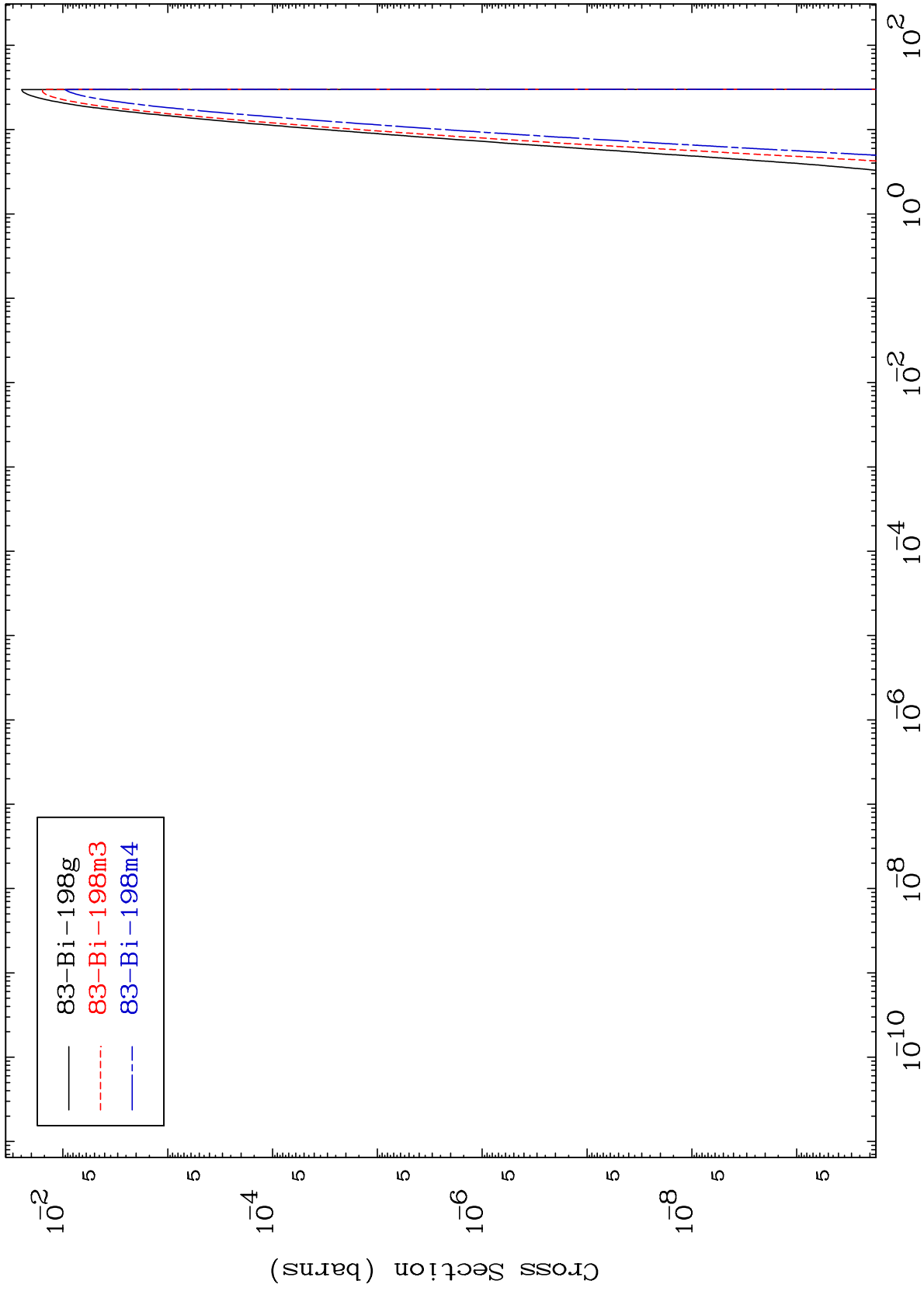
85-At-202

MAT 8522

(n,n') α

85-At-202

Radionuclide Production Cross Section



77

Incident Energy (MeV)

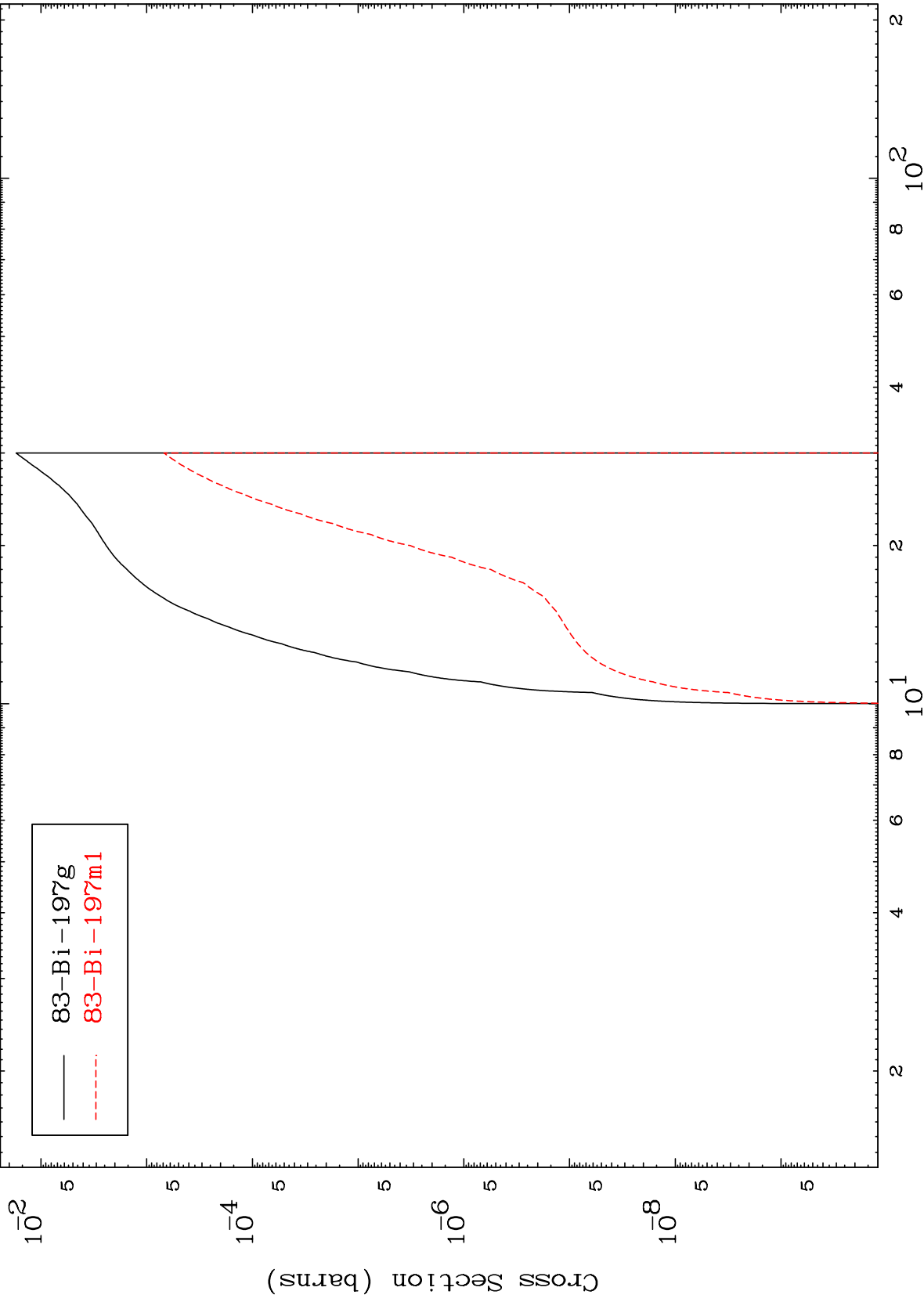
85-At-202

MAT 8522

(n,2n) α

85-At-202

Radionuclide Production Cross Section



78

Incident Energy (MeV)

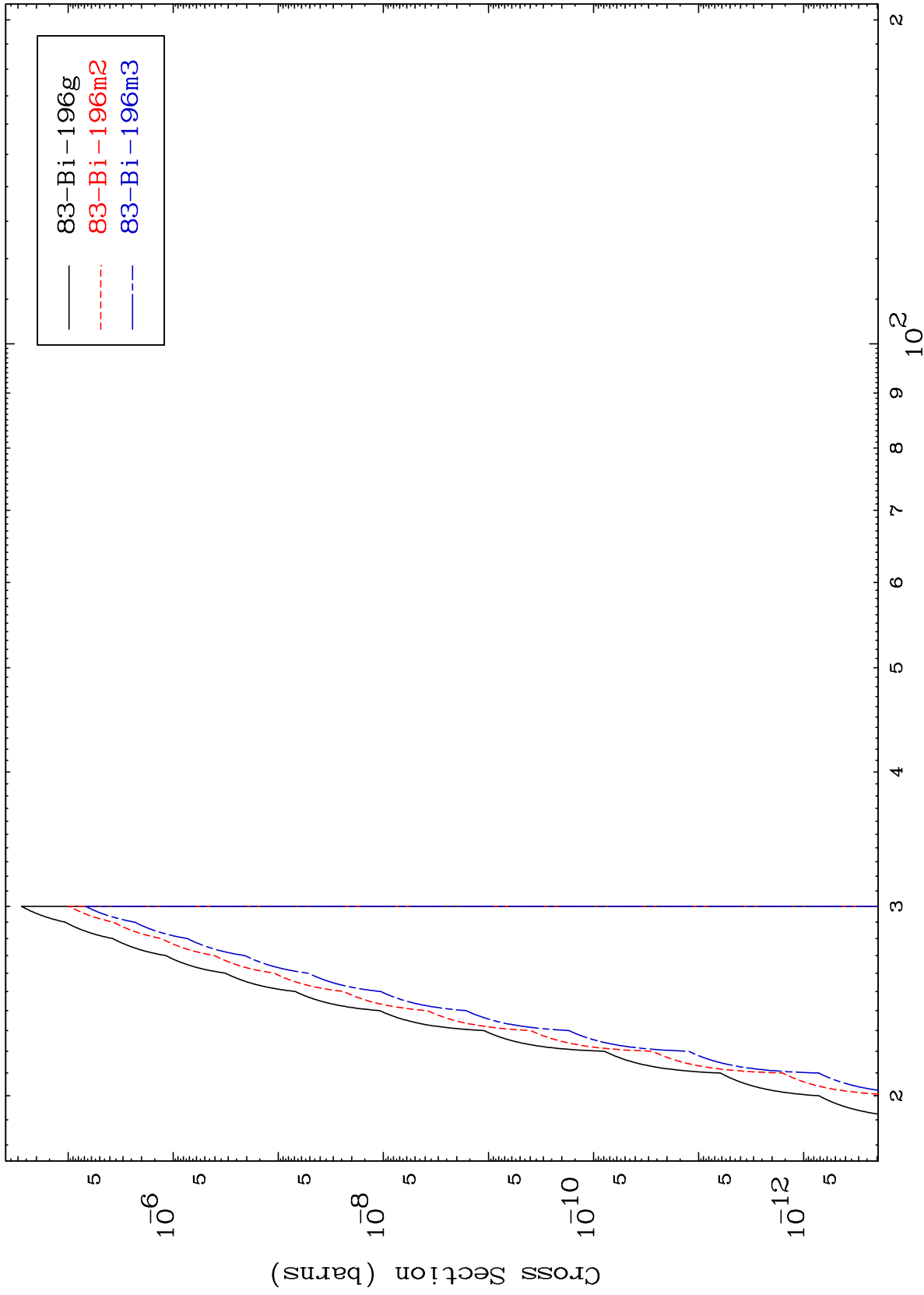
85-At-202

MAT 8522

(n,3n) α

85-At-202

Radionuclide Production Cross Section



79

Incident Energy (MeV)

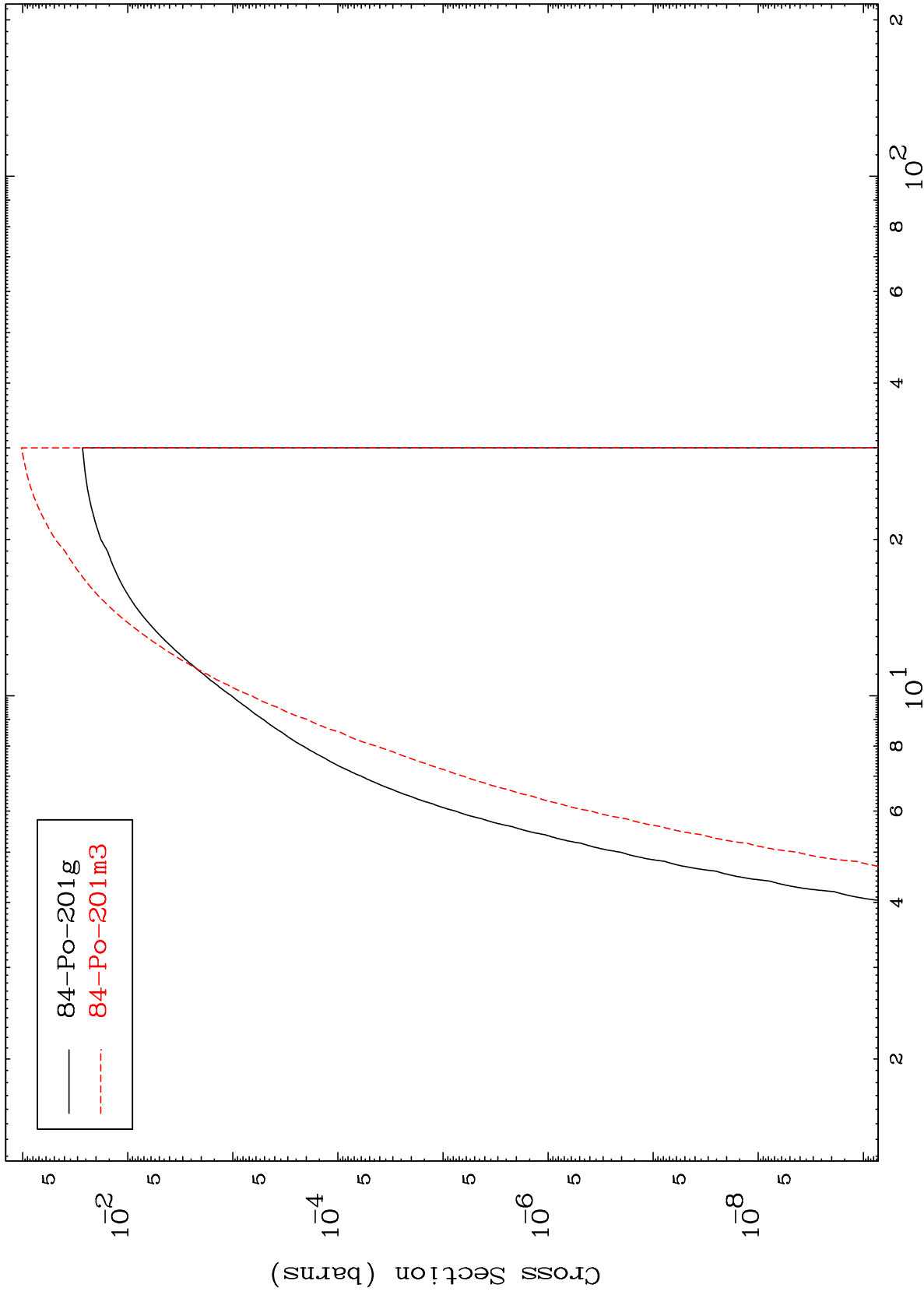
85-At-202

MAT 8522

(n,n') p

85-At-202

Radionuclide Production Cross Section



84-Po-201 g
84-Po-201 m3

80

Incident Energy (MeV)

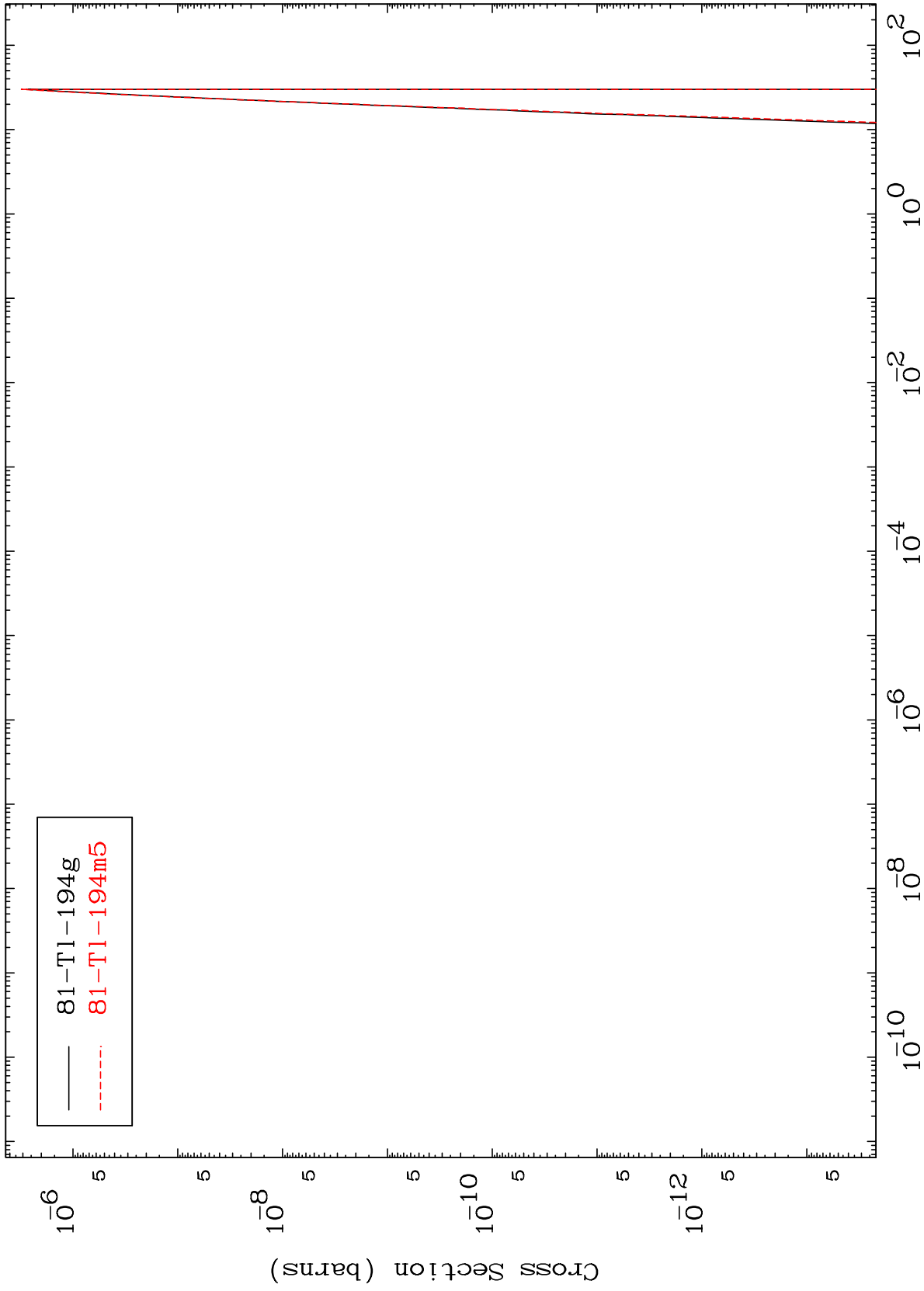
85-At-202

MAT 8522

(n,n') 2 α

85-At-202

Radionuclide Production Cross Section



81

Incident Energy (MeV)

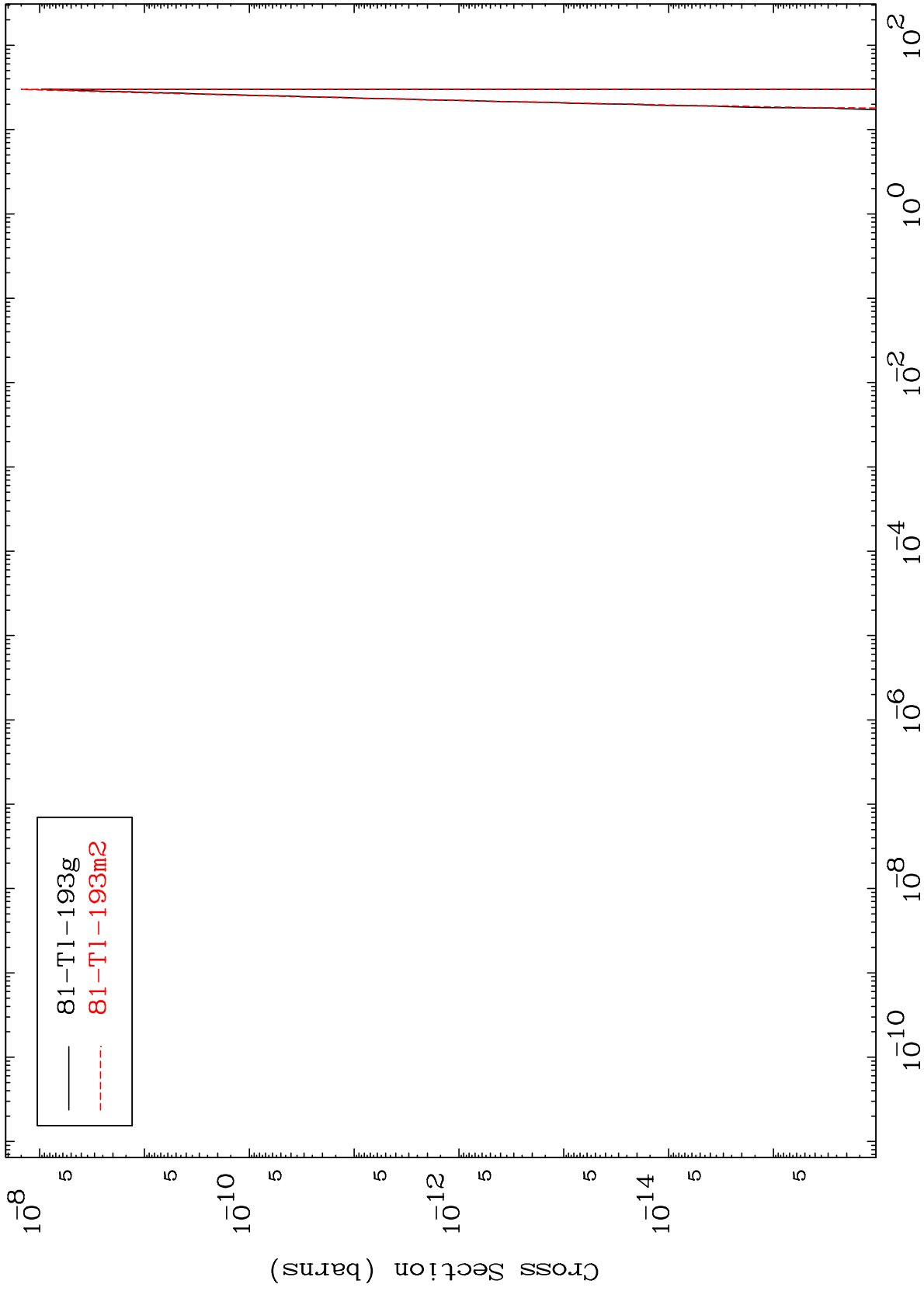
85-At-202

MAT 8522

(n,2n) 2α

85-At-202

Radionuclide Production Cross Section



82

Incident Energy (MeV)

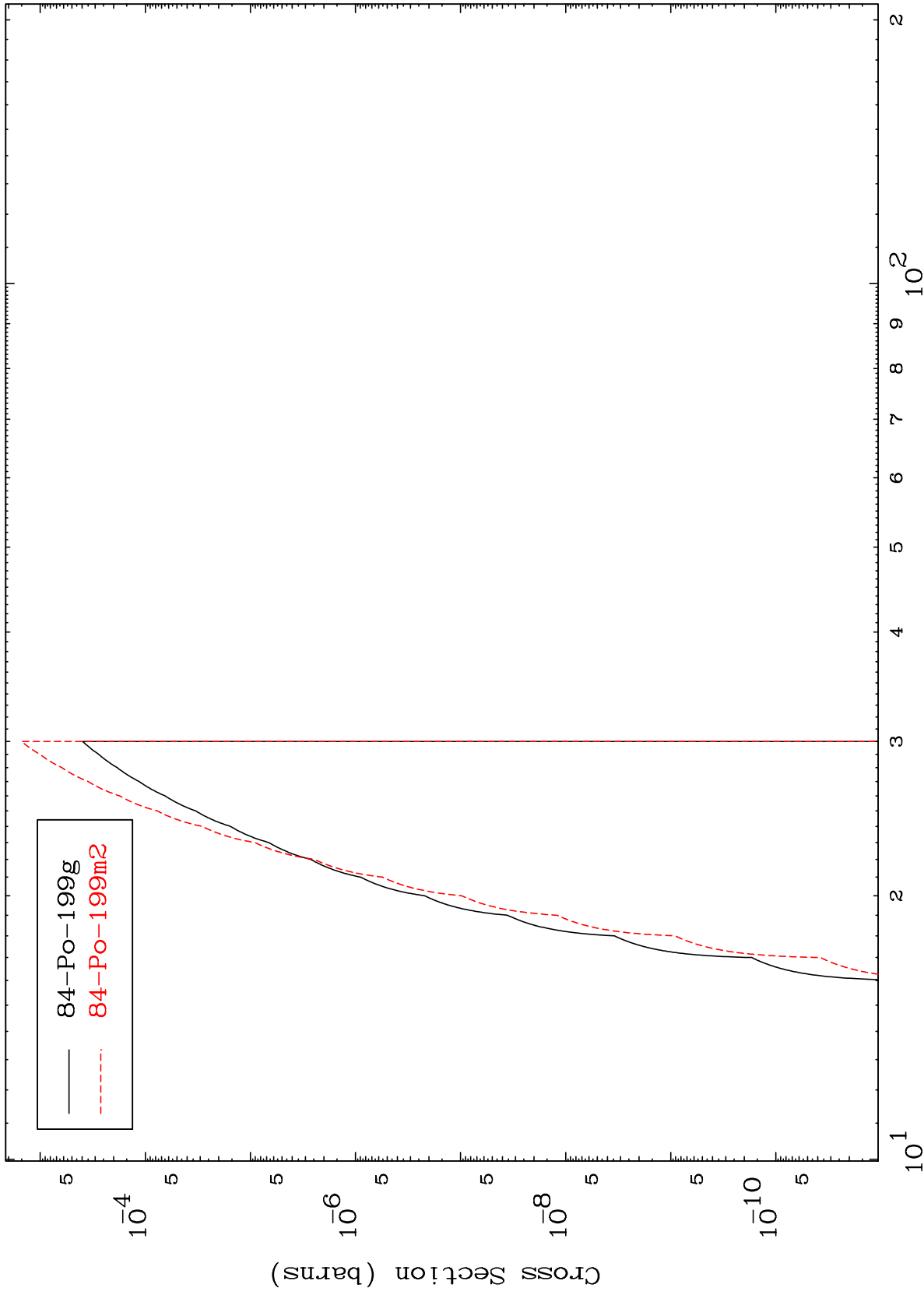
85-At-202

MAT 8522

(n,n') t

85-At-202

Radionuclide Production Cross Section



83

Incident Energy (MeV)

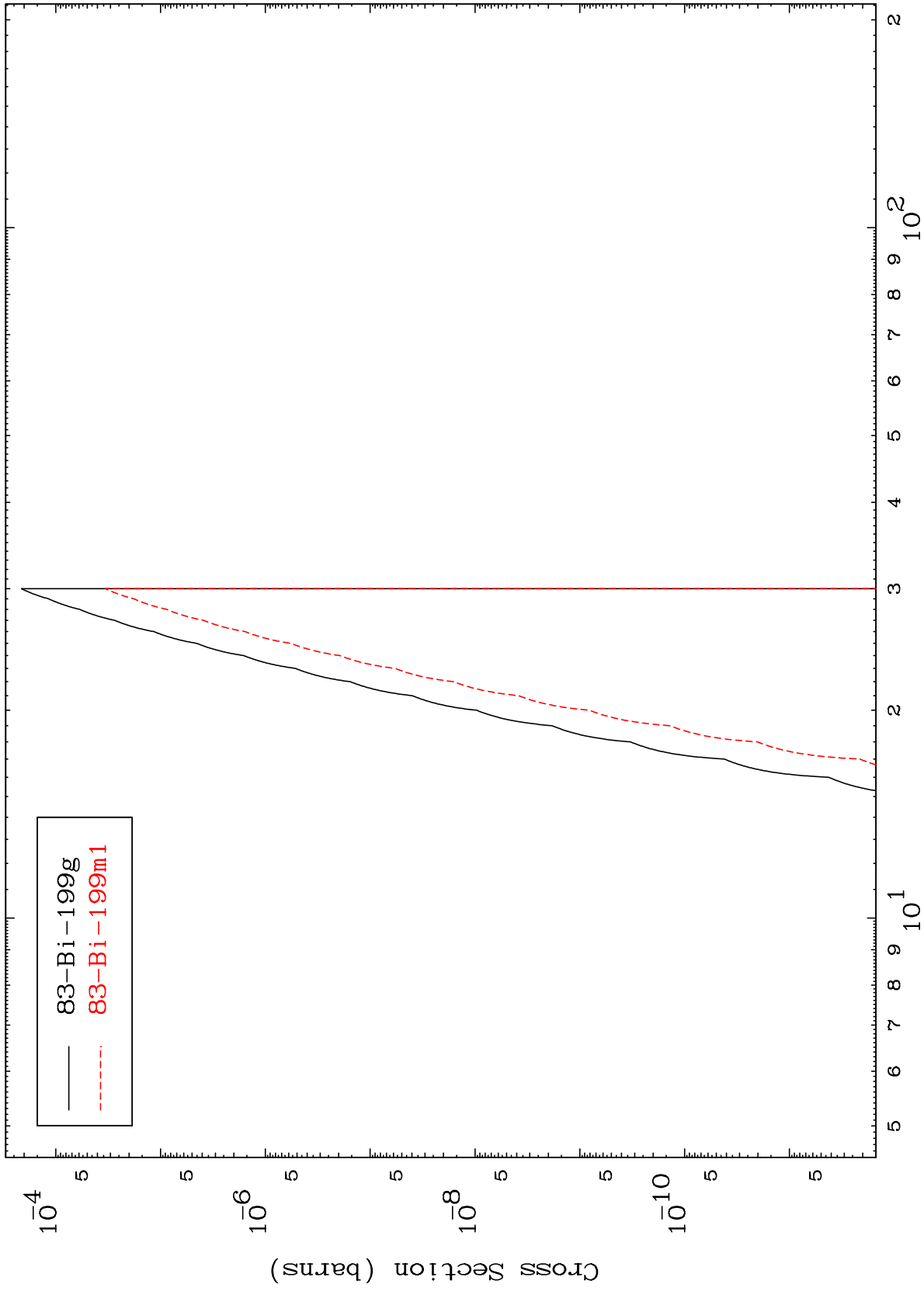
85-At-202

MAT 8522

(n, n') He-3

85-At-202

Radionuclide Production Cross Section



84

Incident Energy (MeV)

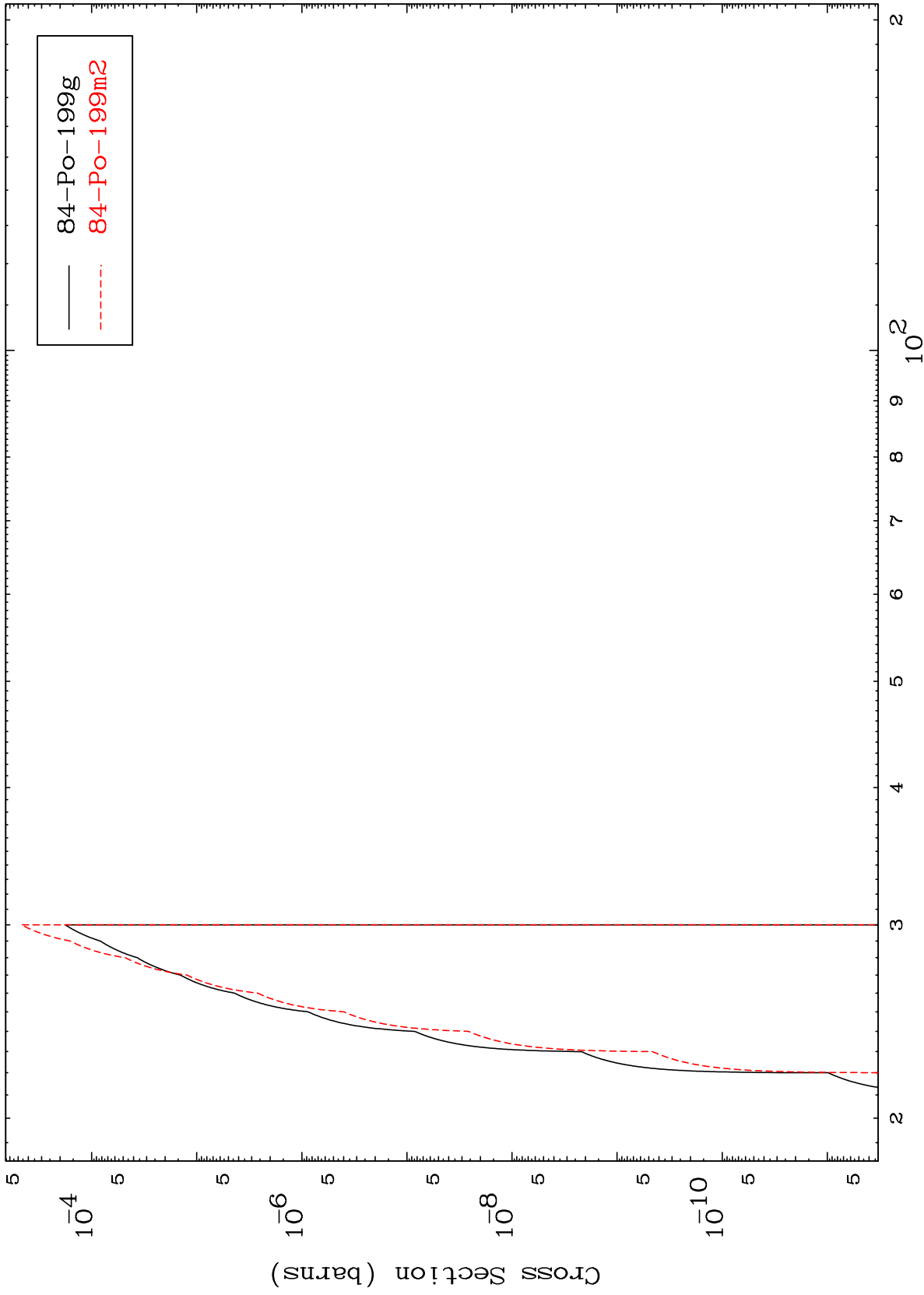
85-At-202

MAT 8522

(n,3n) p

85-At-202

Radionuclide Production Cross Section

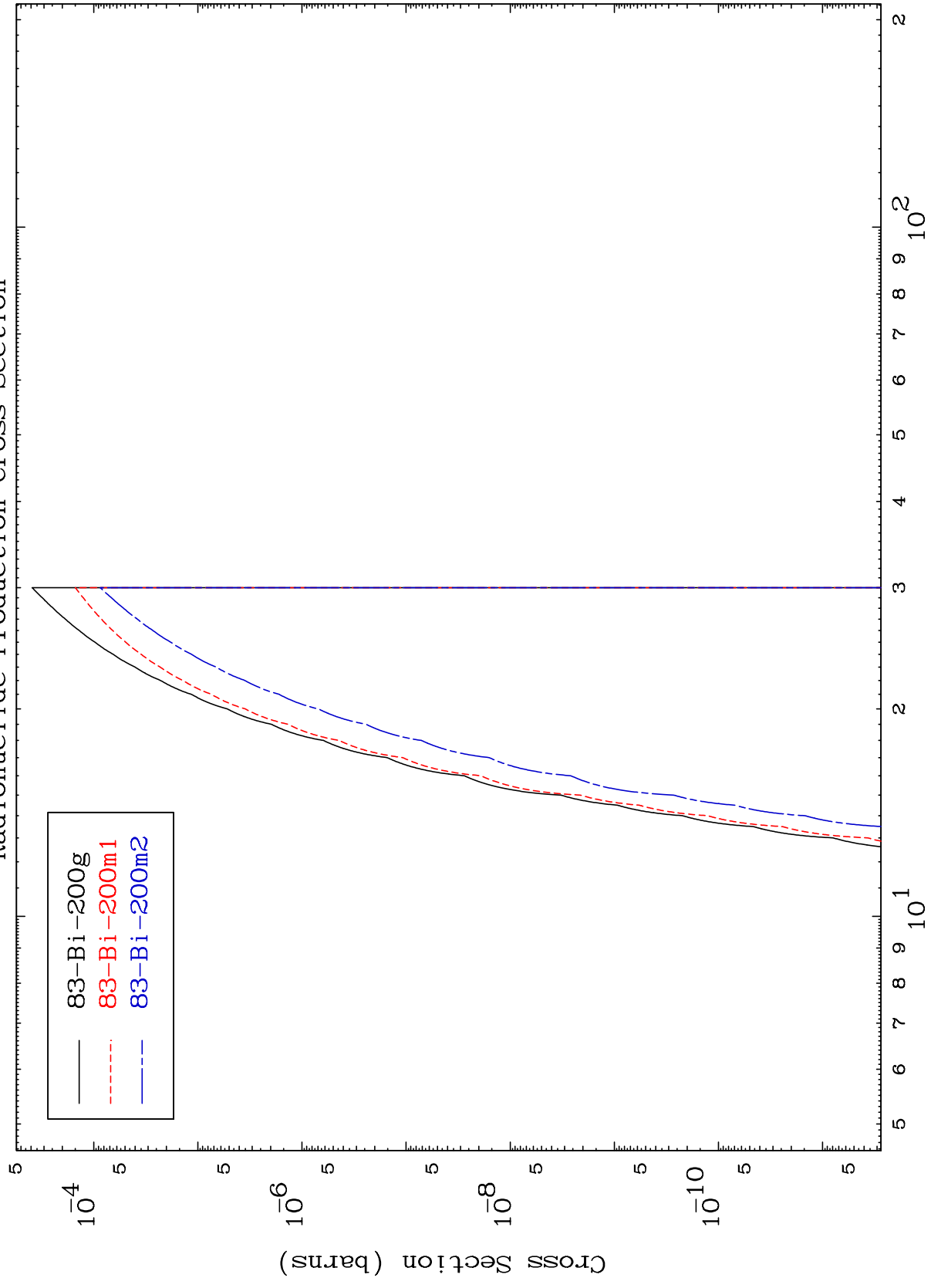


85

Incident Energy (MeV)

85-At-202

(n,2n) p
Radionuclide Production Cross Section

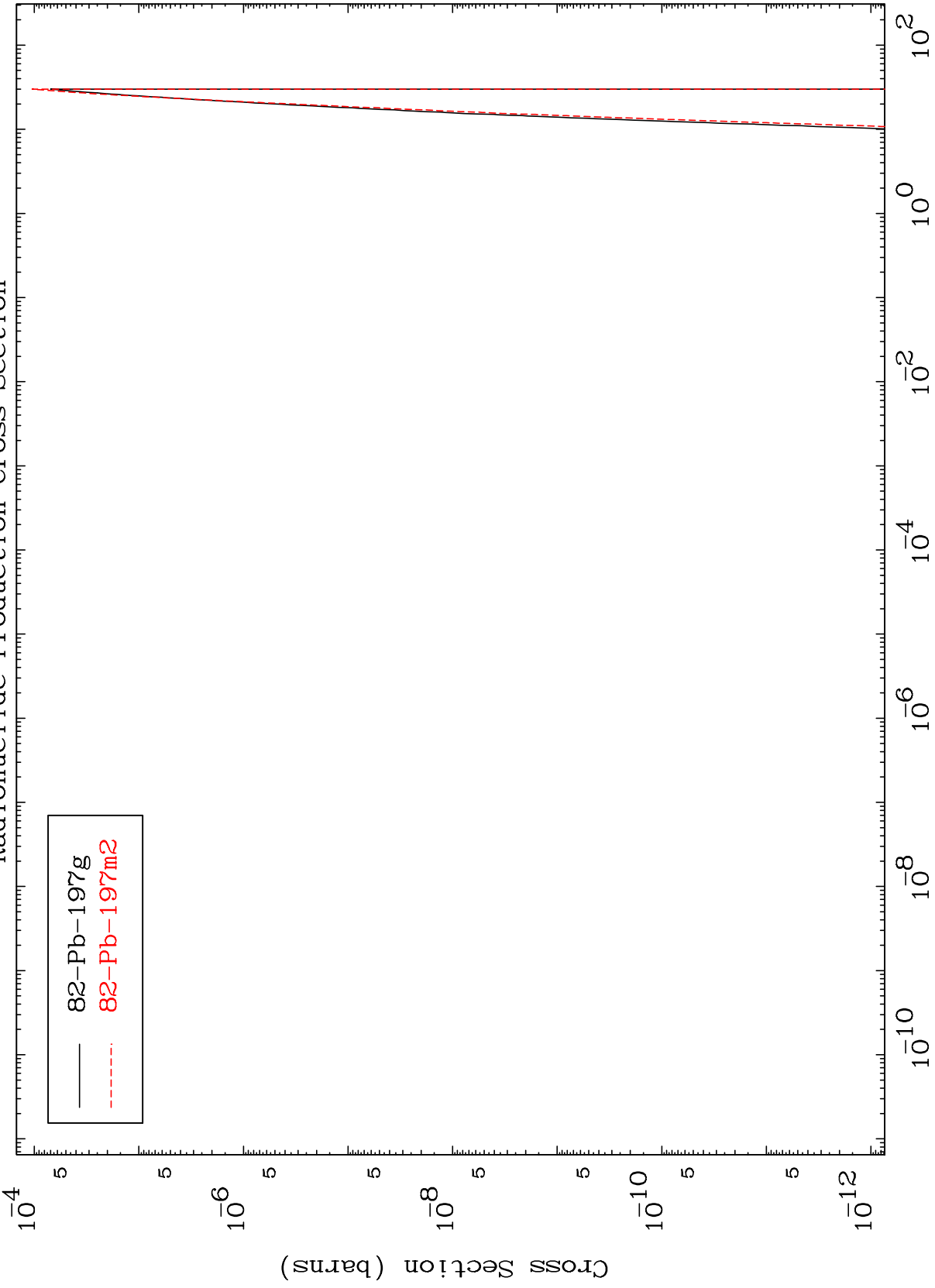


MAT 8522

(n,n') p α

85-At-202

Radionuclide Production Cross Section



82-Pb-197g
82-Pb-197m2

87

Incident Energy (MeV)

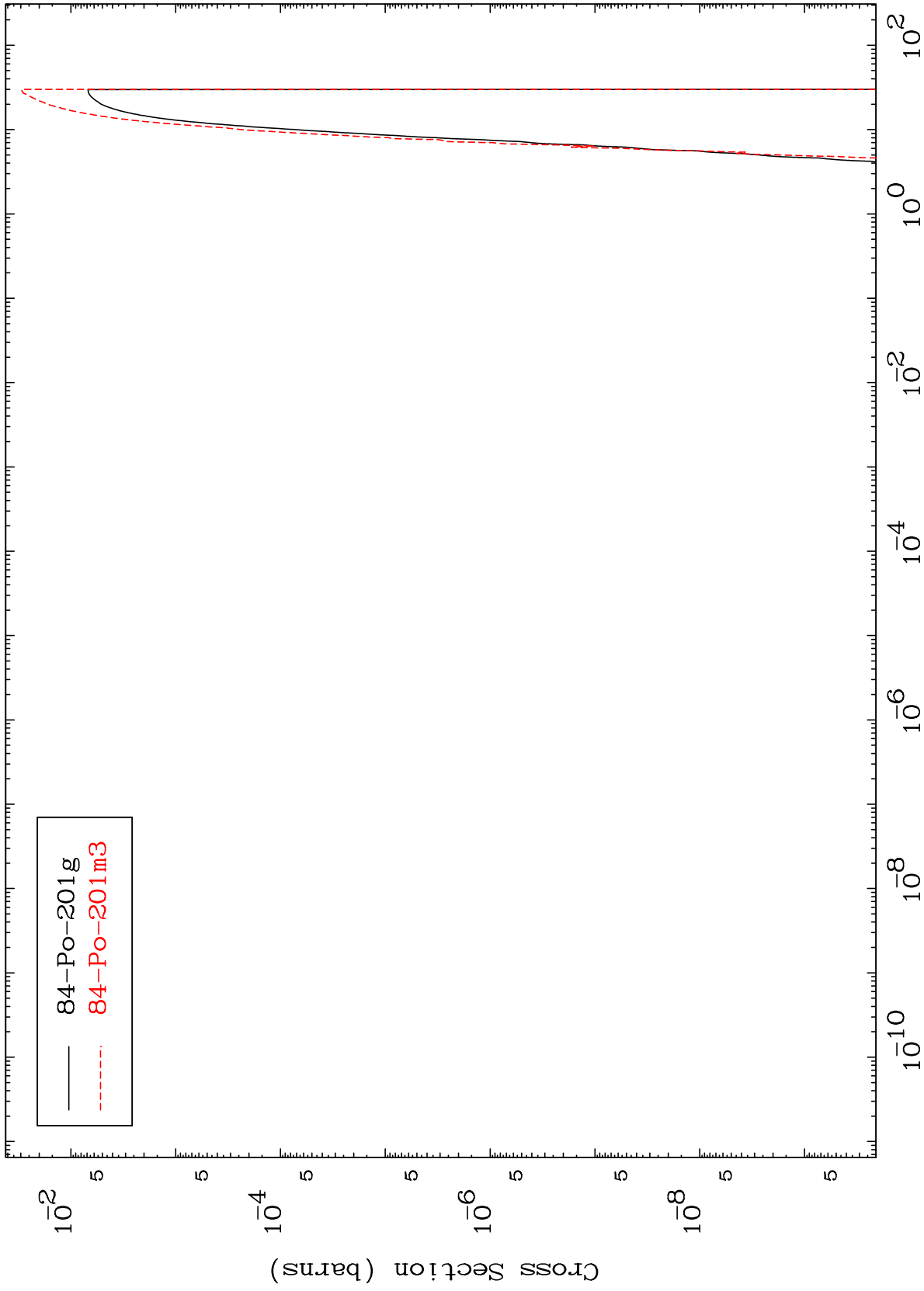
85-At-202

MAT 8522

(n,d)

85-At-202

Radionuclide Production Cross Section



88

Incident Energy (MeV)

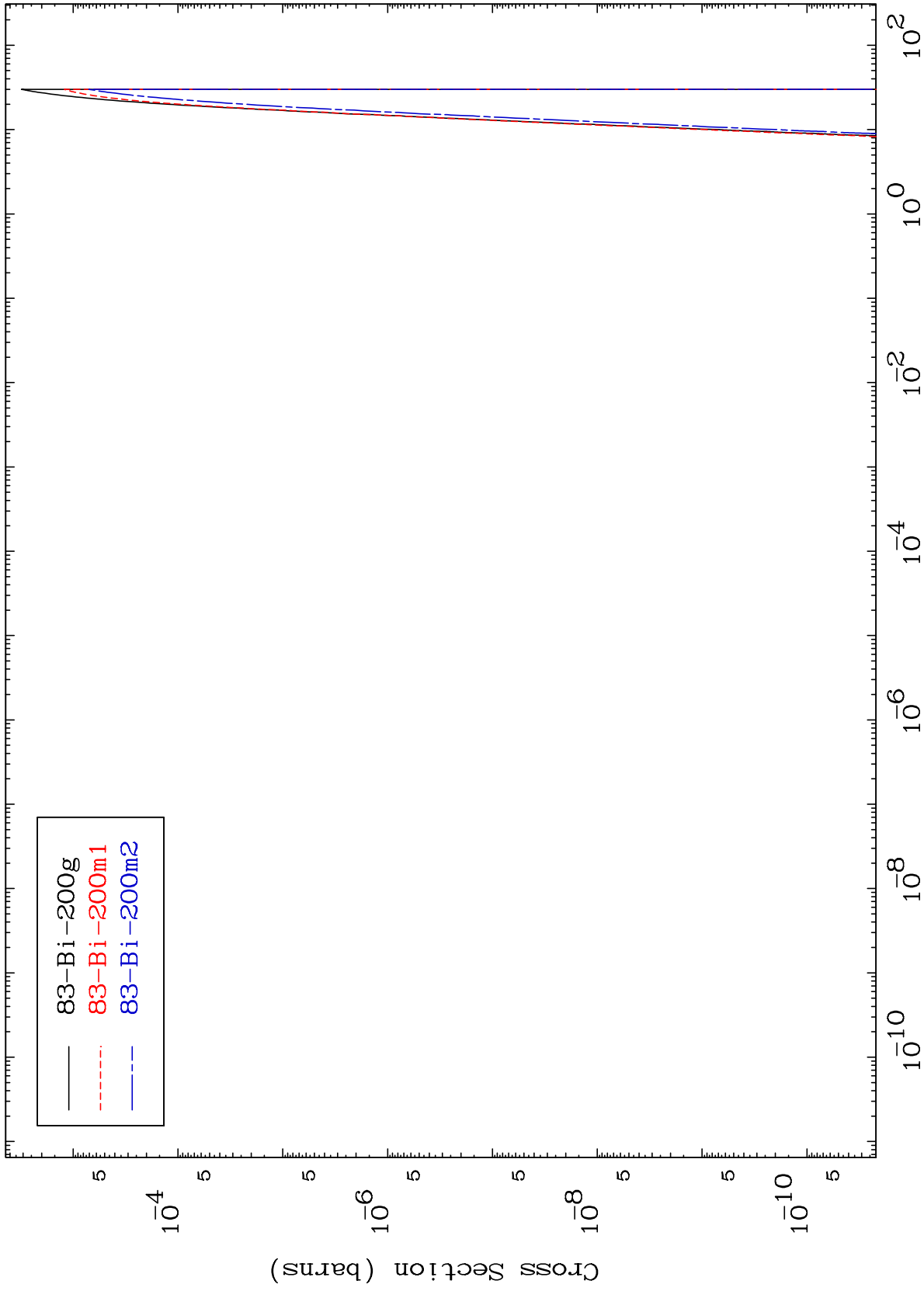
85-At-202

MAT 8522

(n, He-3)

85-At-202

Radionuclide Production Cross Section



89

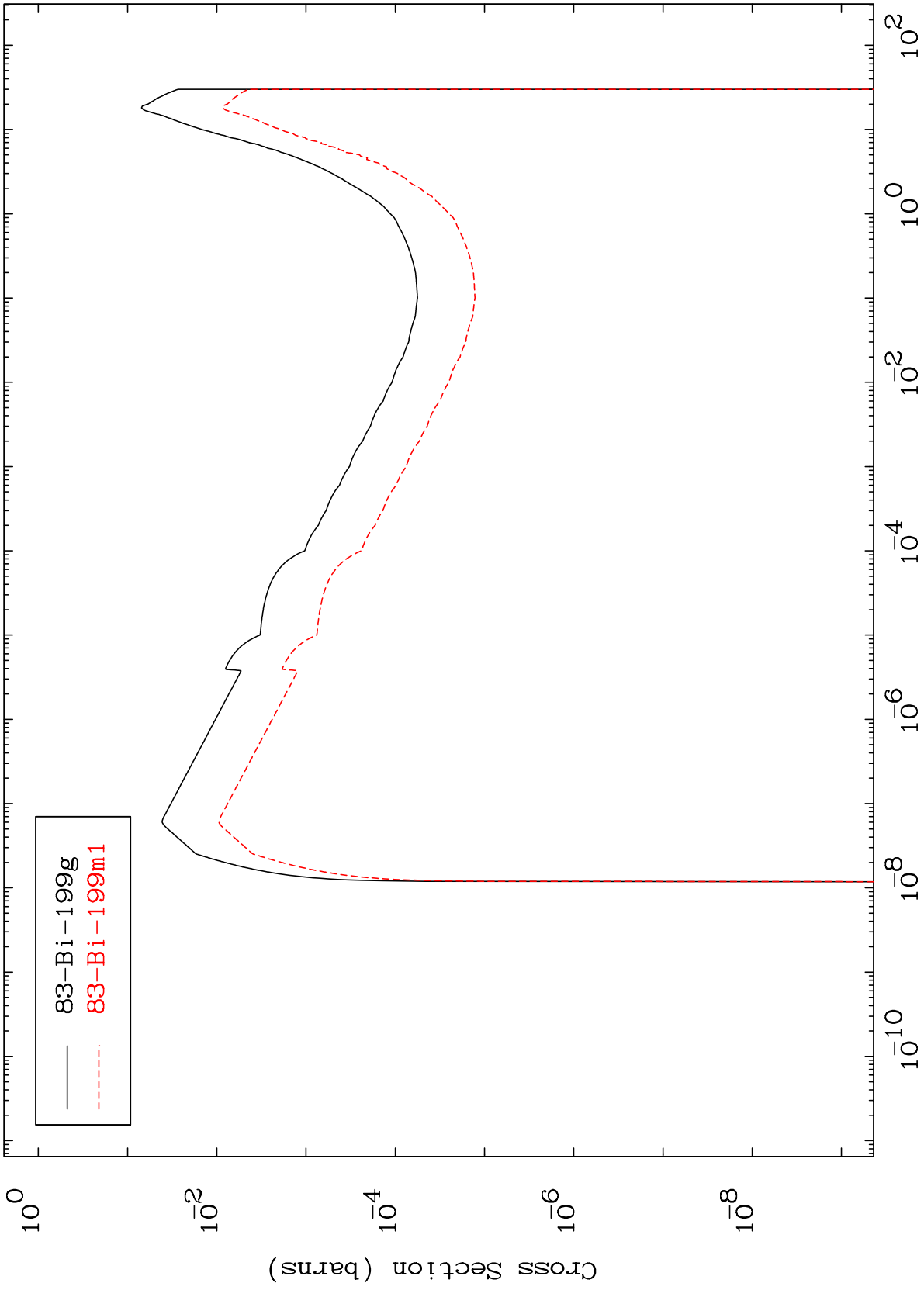
Incident Energy (MeV)

85-At-202

MAT 8522

85-At-202

Radionuclide Production Cross Section
(n,α)



90

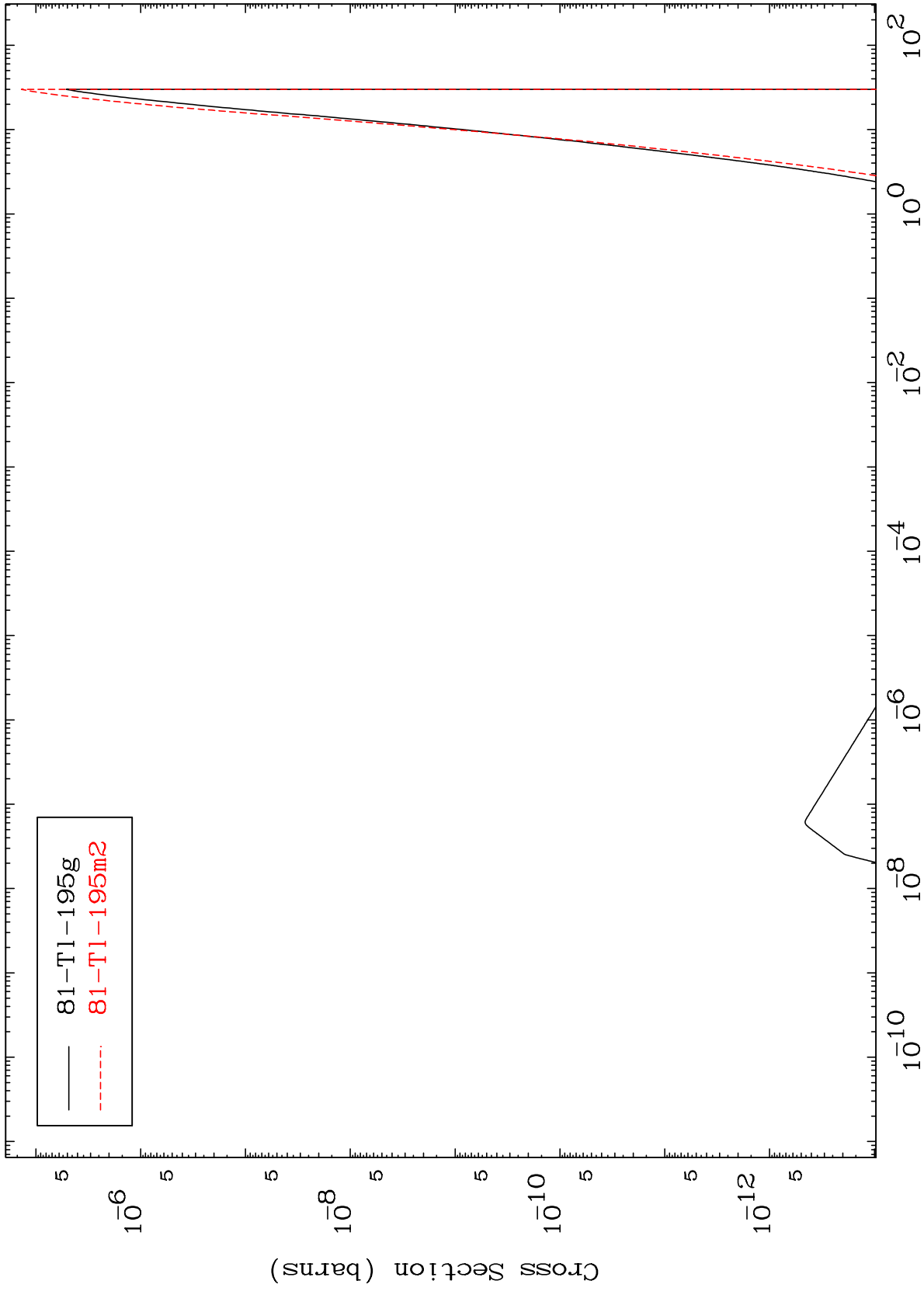
85-At-202

MAT 8522

(n,2α)

85-At-202

Radionuclide Production Cross Section



91

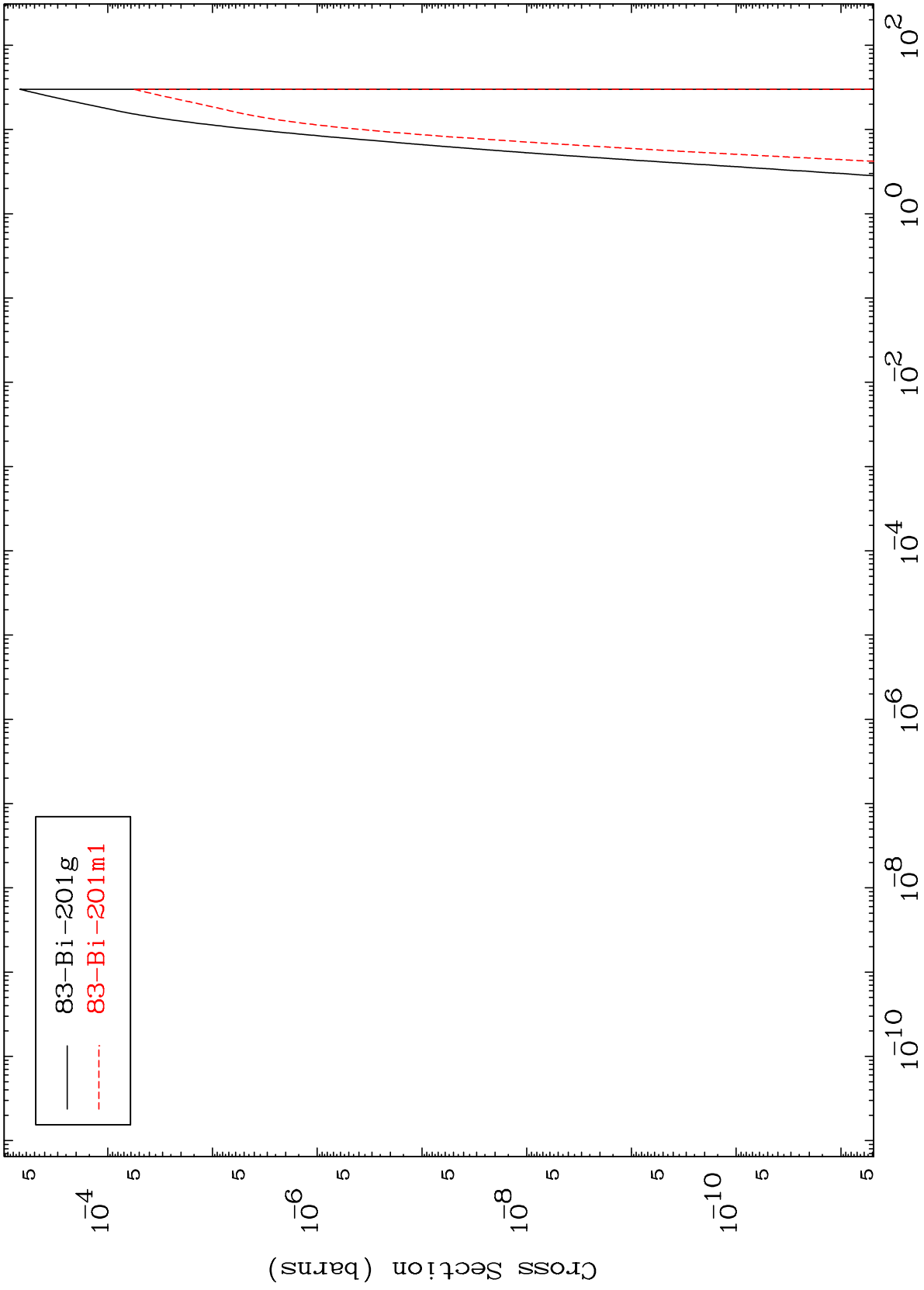
Incident Energy (MeV)

85-At-202

MAT 8522

(n,2p)
Radionuclide Production Cross Section

85-At-202

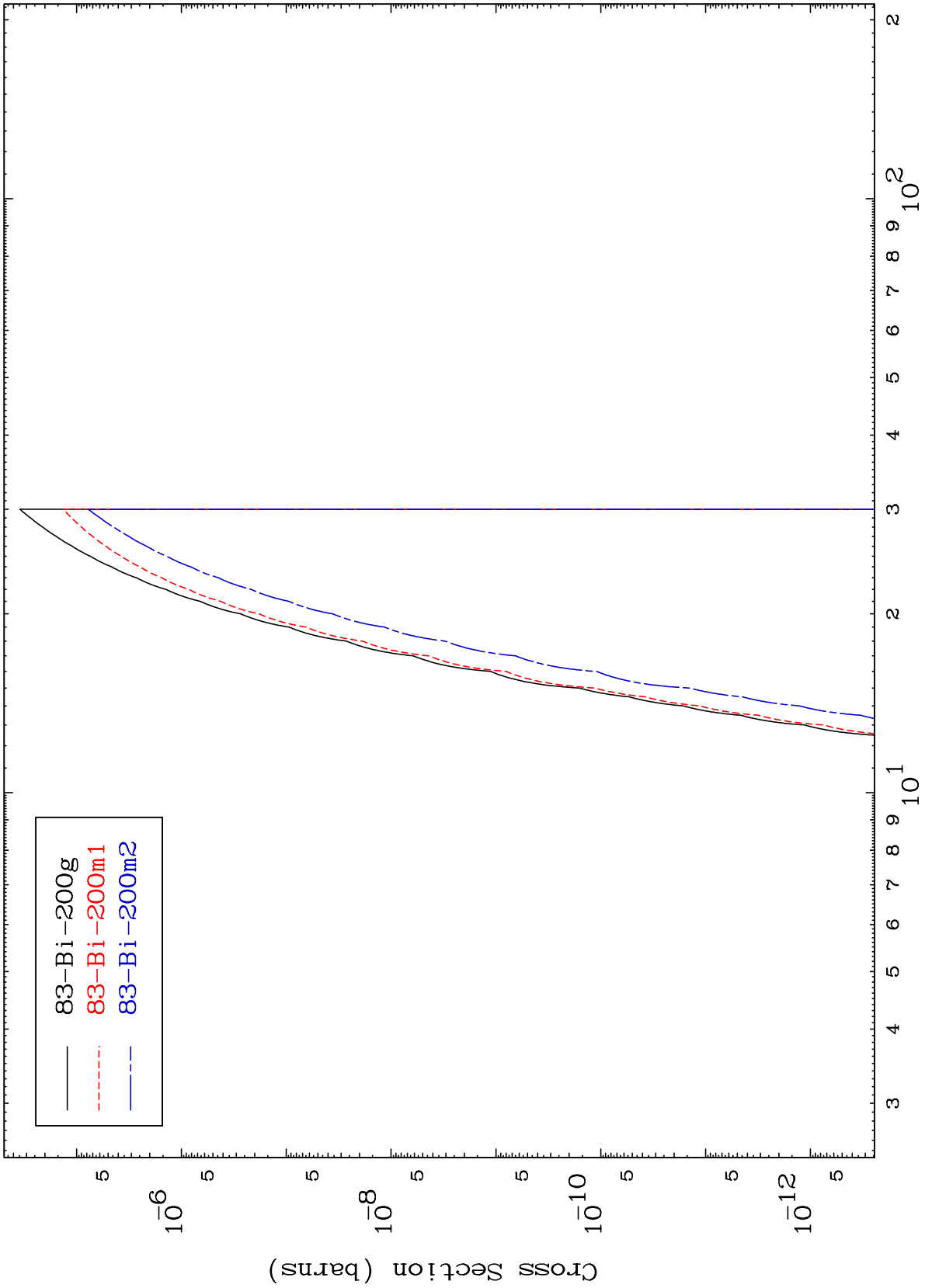


92

Incident Energy (MeV)

85-At-202

Radionuclide Production Cross Section

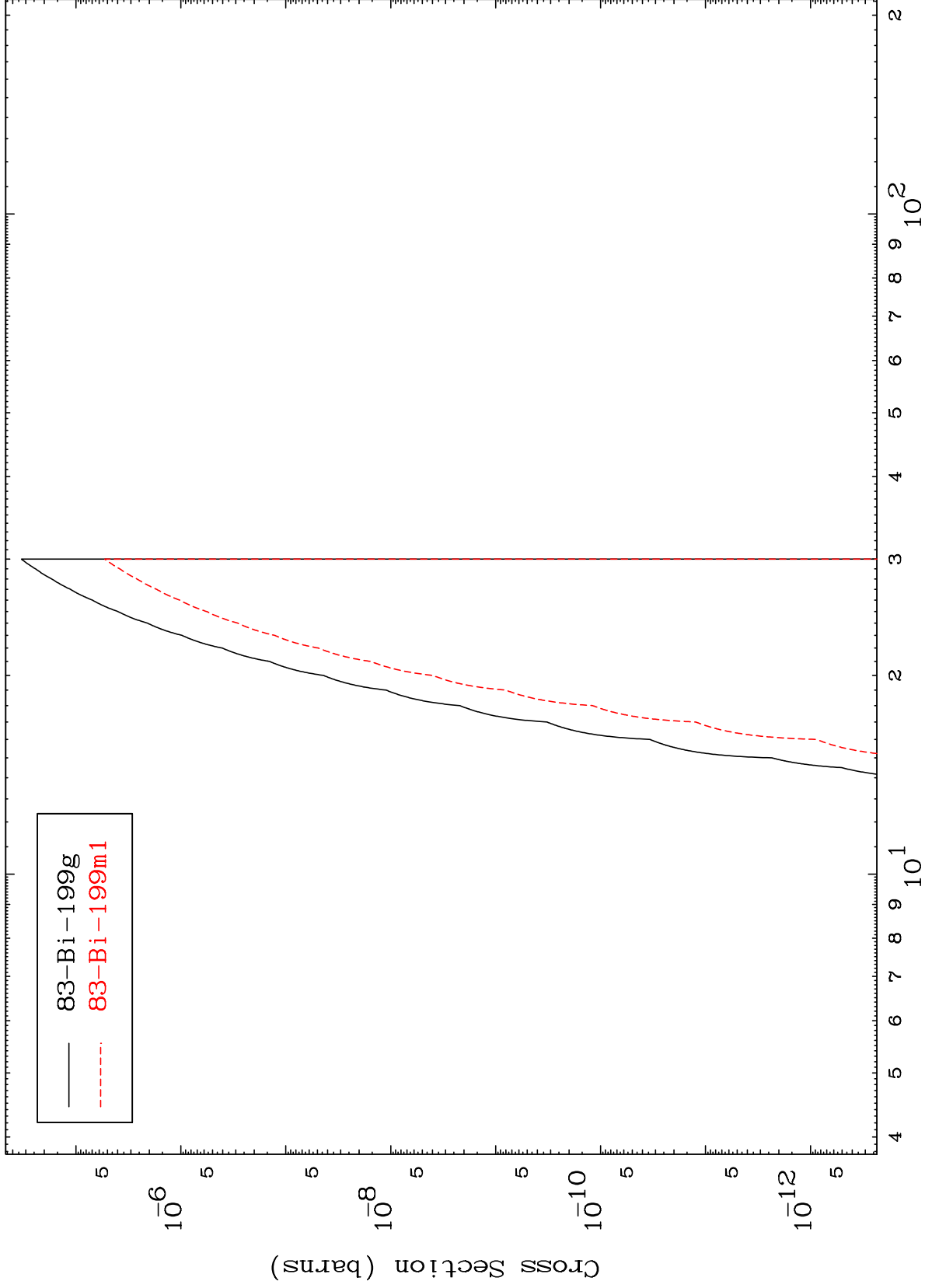


MAT 8522

(n,p) t

85-At-202

Radionuclide Production Cross Section



94

Incident Energy (MeV)

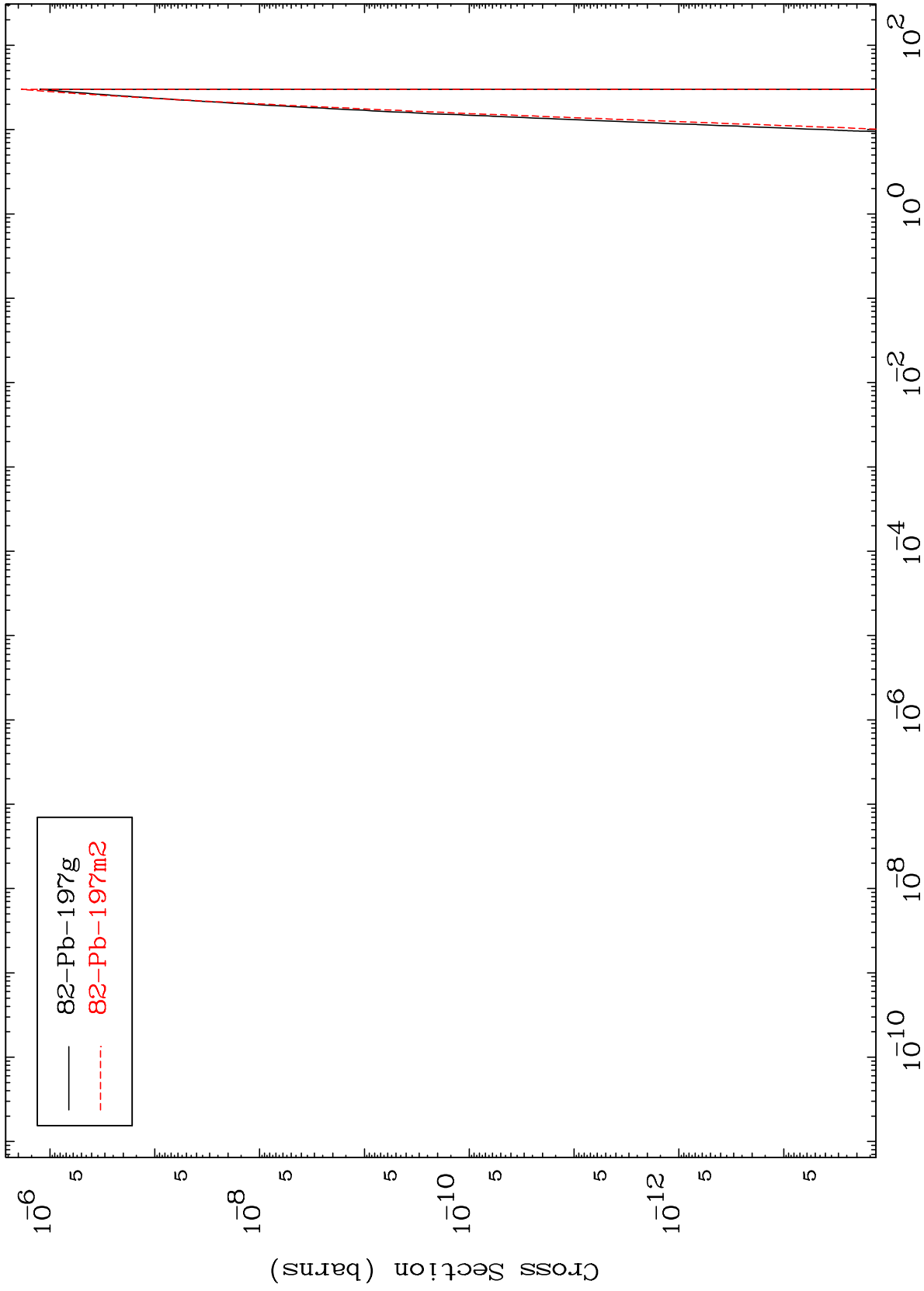
85-At-202

MAT 8522

(n,d) α

85-At-202

Radionuclide Production Cross Section



95

Incident Energy (MeV)

85-At-202