

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

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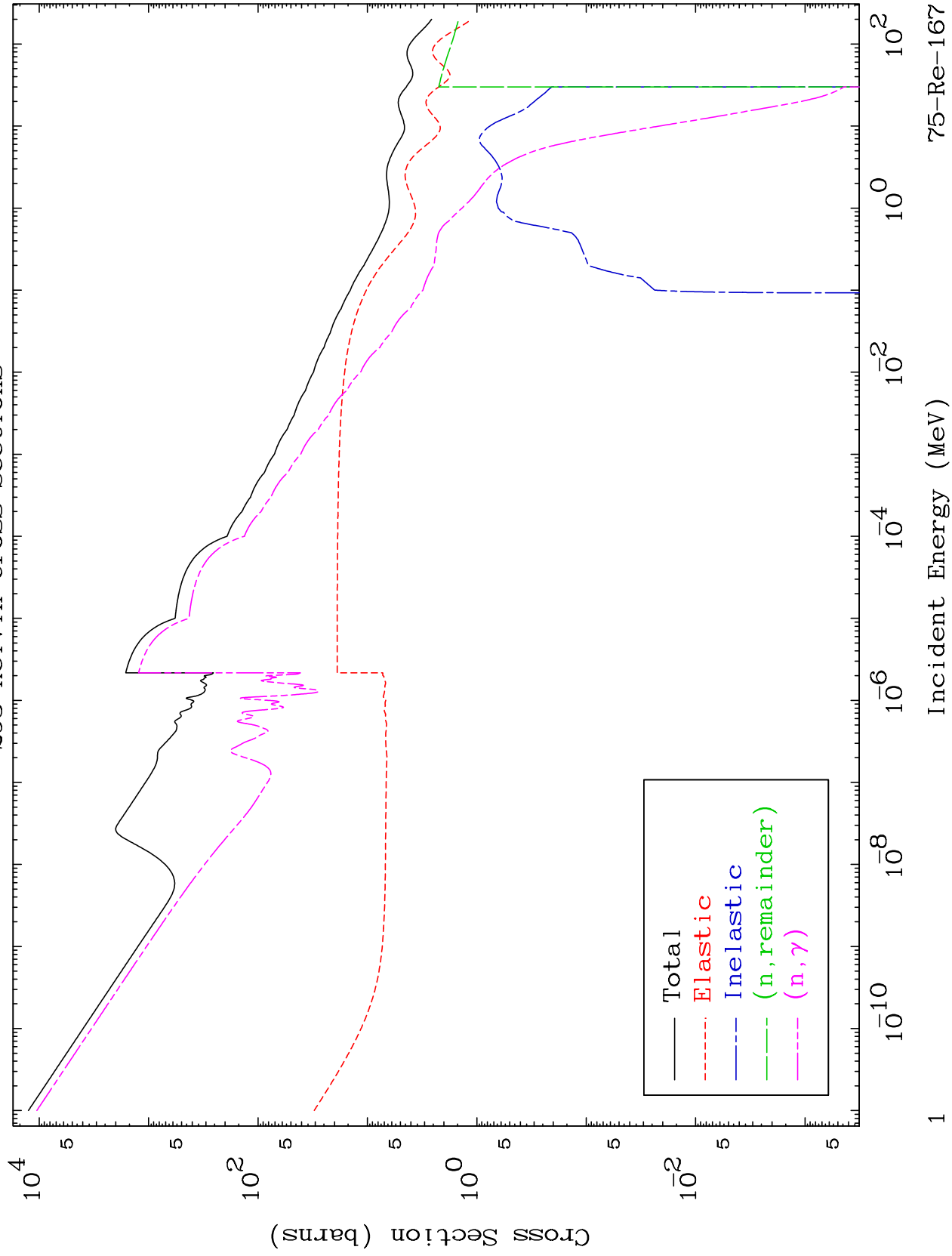
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7471

Major
293 Kelvin Cross Sections

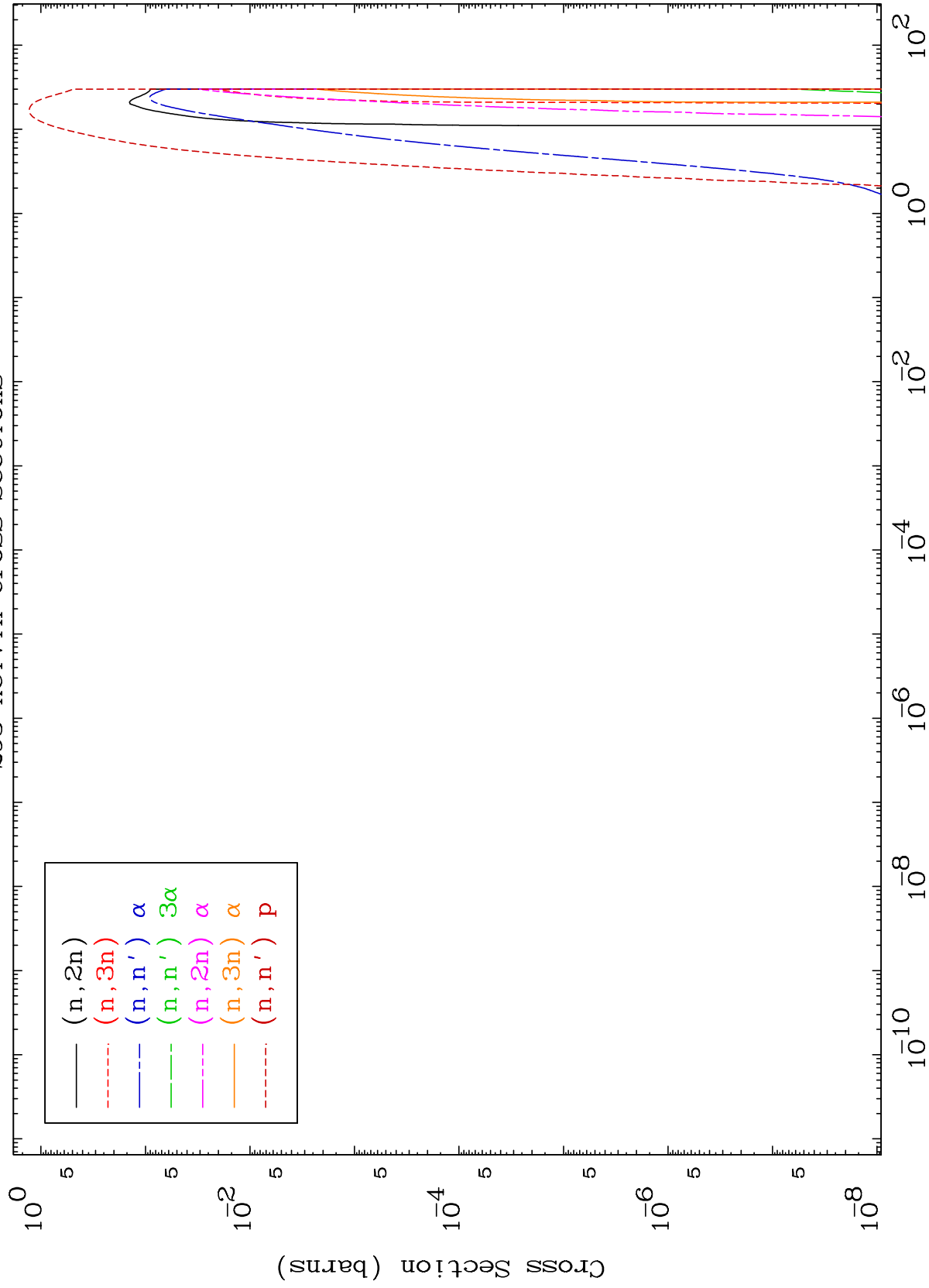
75-Re-167



MAT 7471

Neutron Production
293 Kelvin Cross Sections

75-Re-167



2

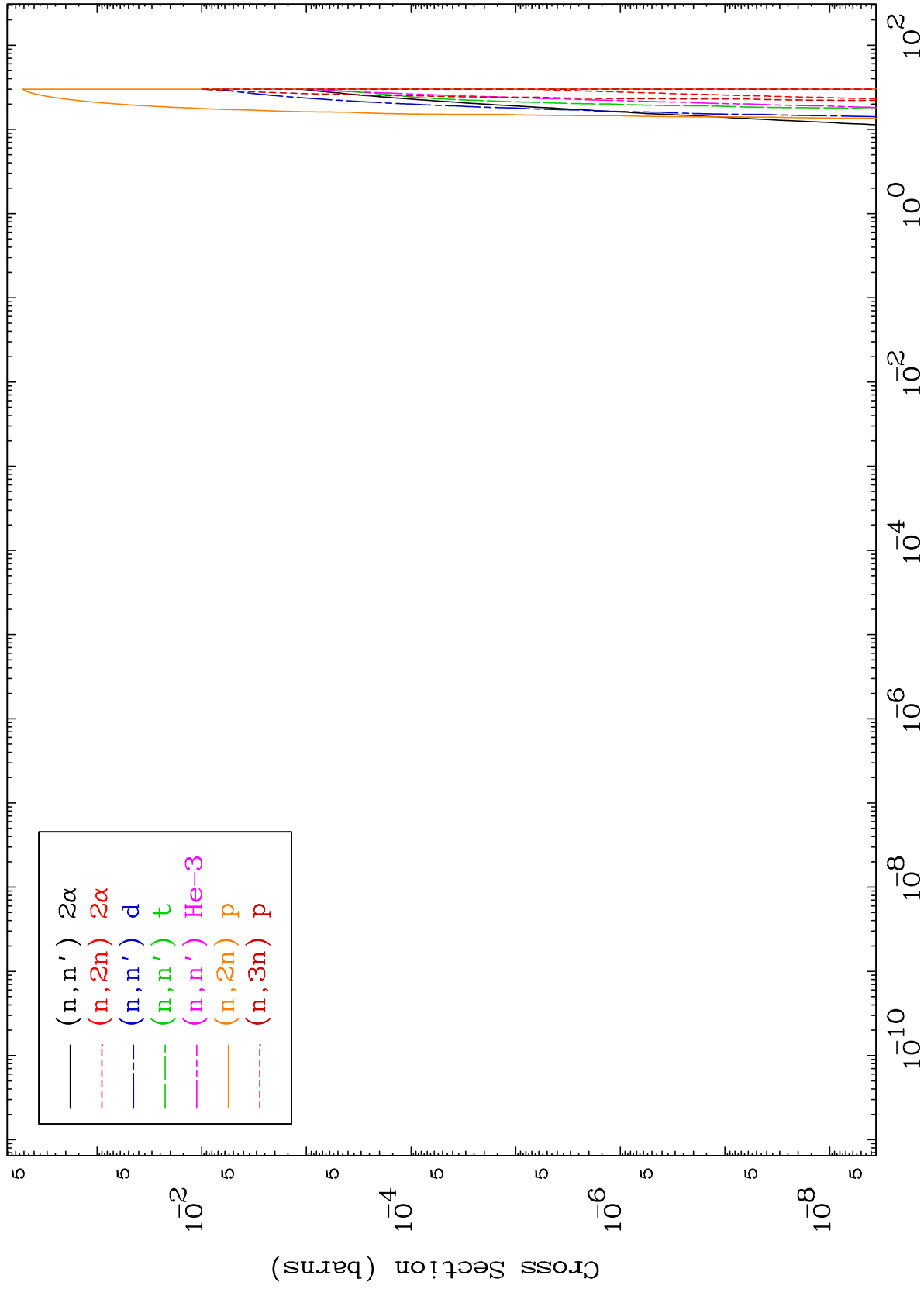
Incident Energy (MeV)

75-Re-167

MAT 7471

Neutron Production
293 Kelvin Cross Sections

75-Re-167

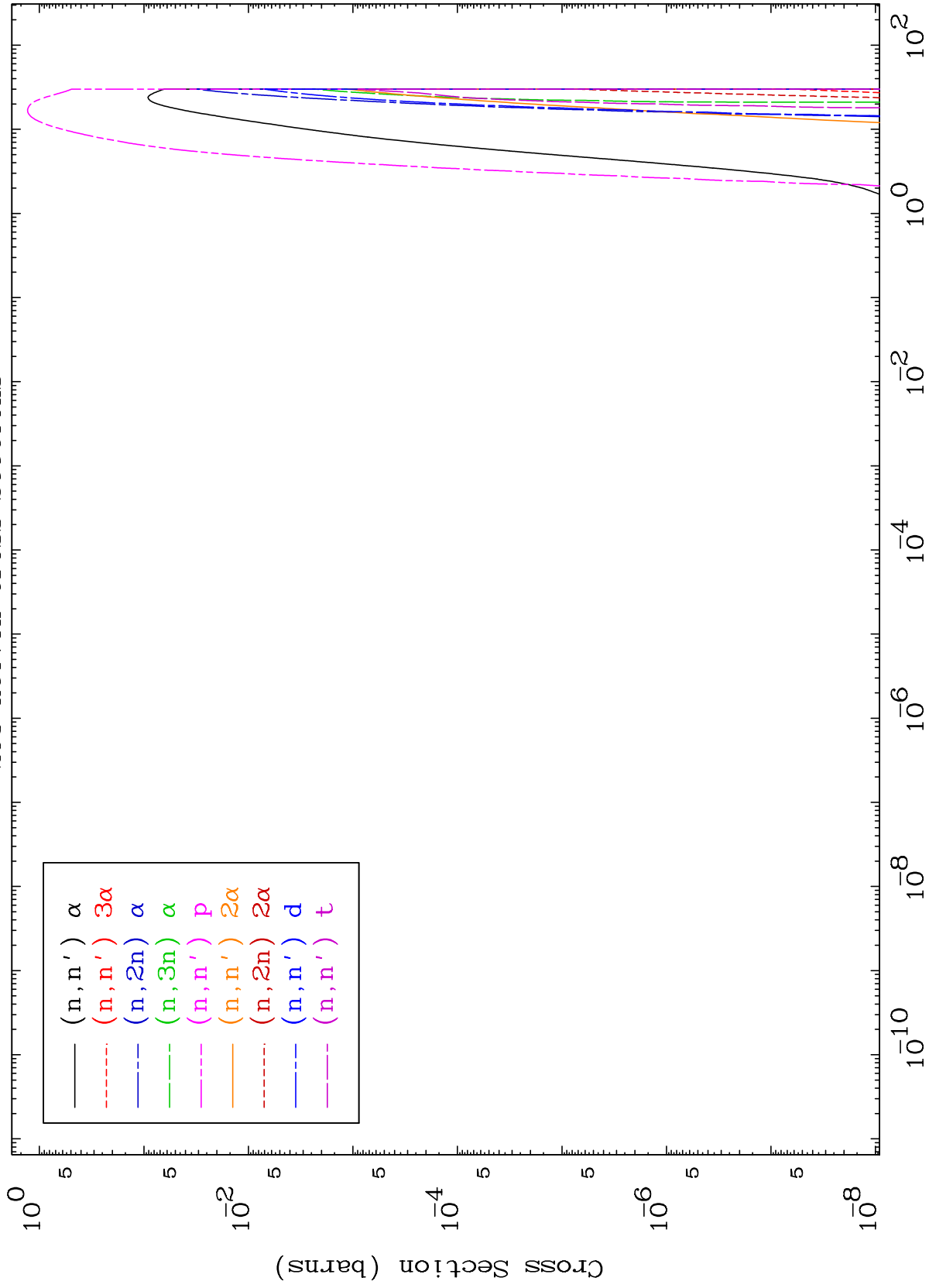


75-Re-167

MAT 7471

293 Kelvin Cross Sections

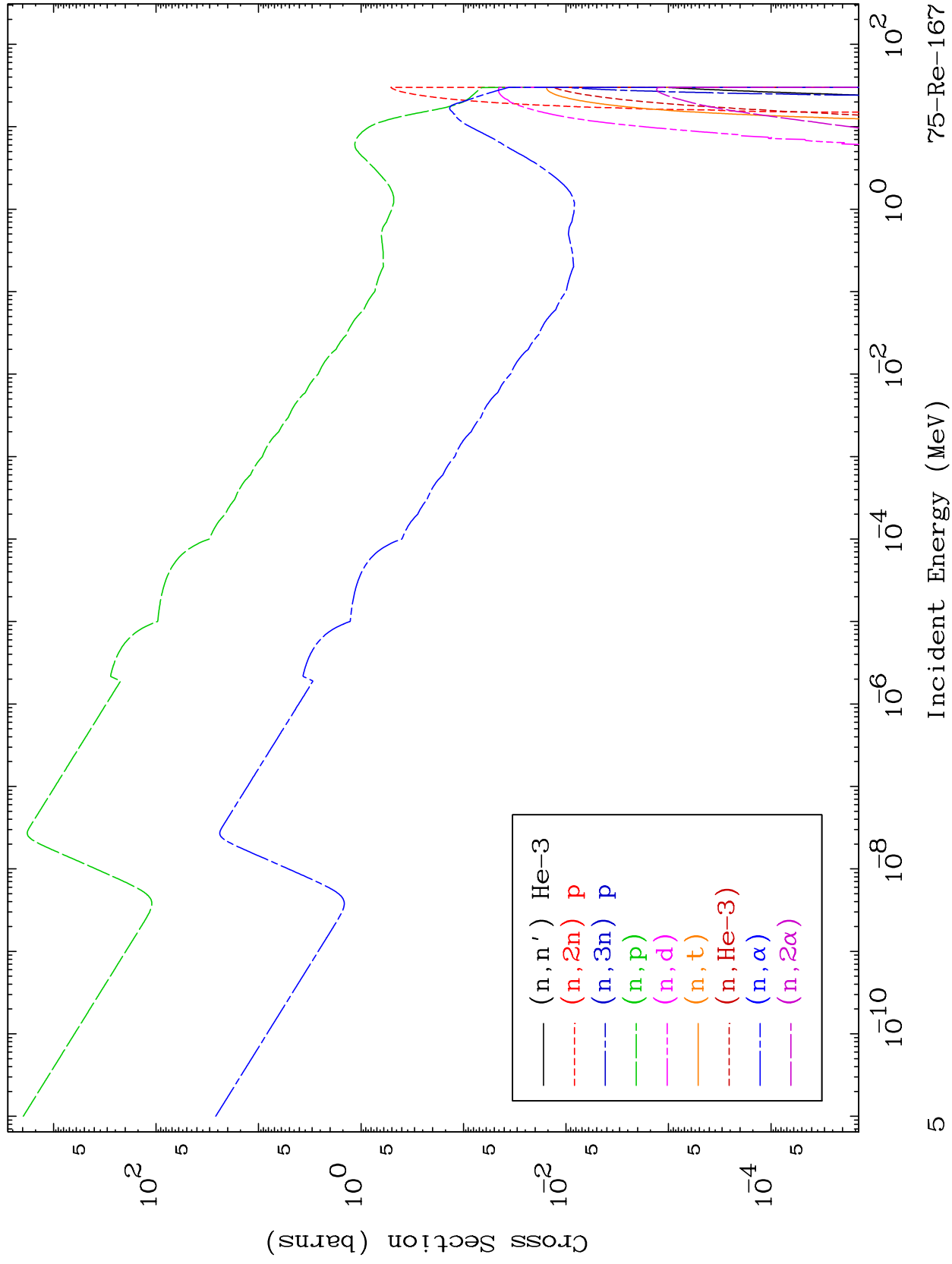
75-Re-167



MAT 7471

Charged Particle
293 Kelvin Cross Sections

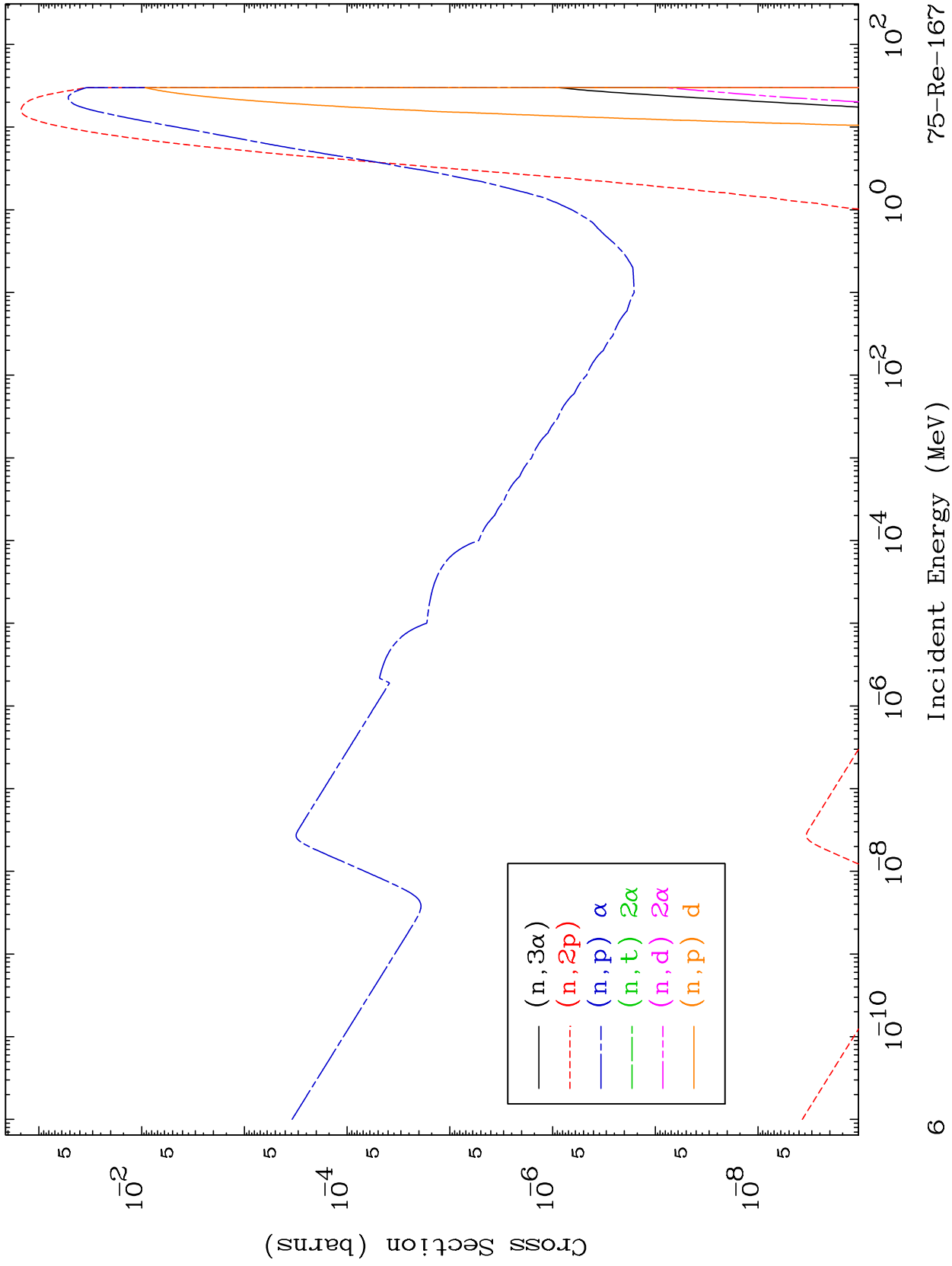
75-Re-167



MAT 7471

293 Kelvin Cross Sections

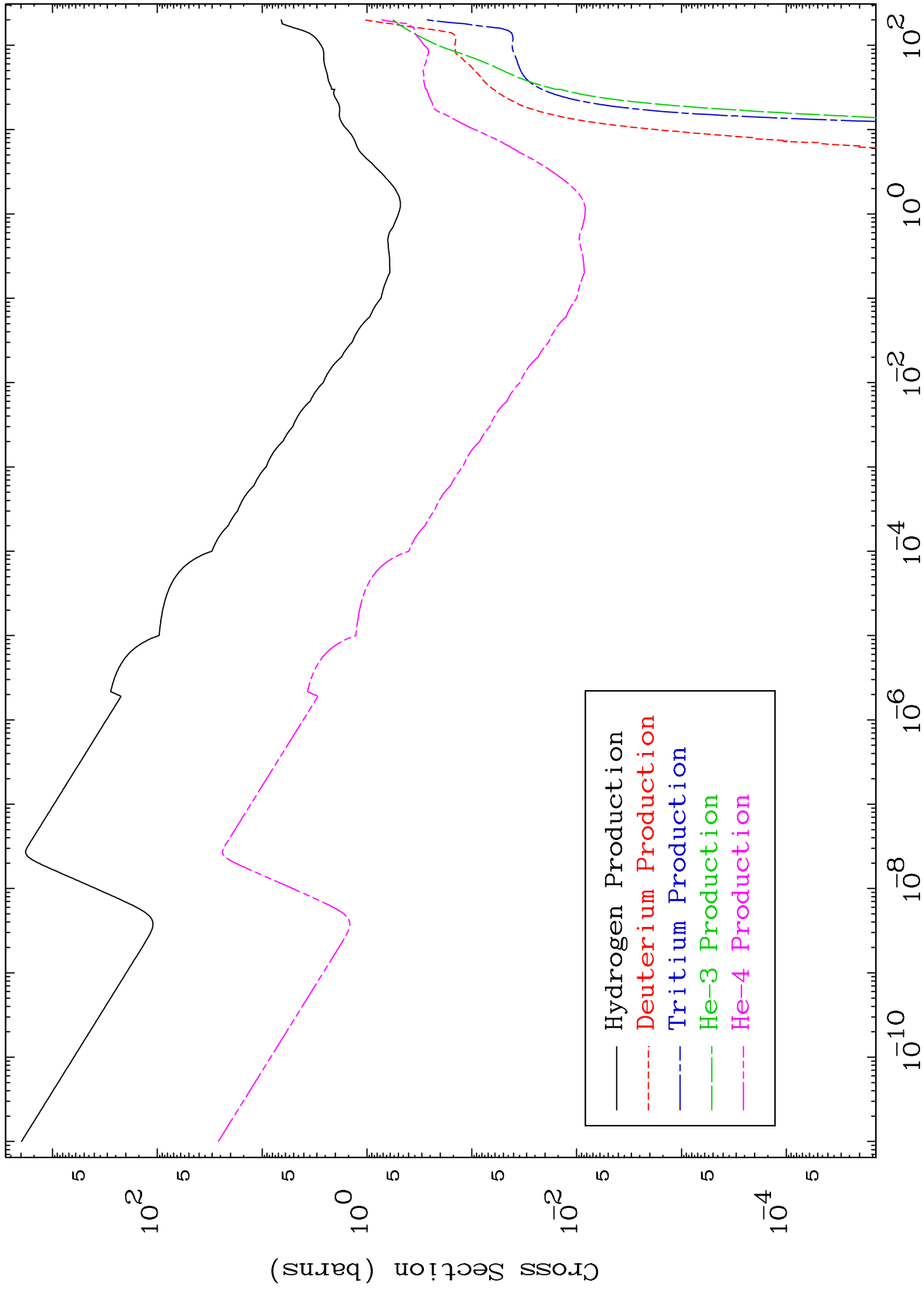
75-Re-167



MAT 7471

Particle Production
293 Kelvin Cross Sections

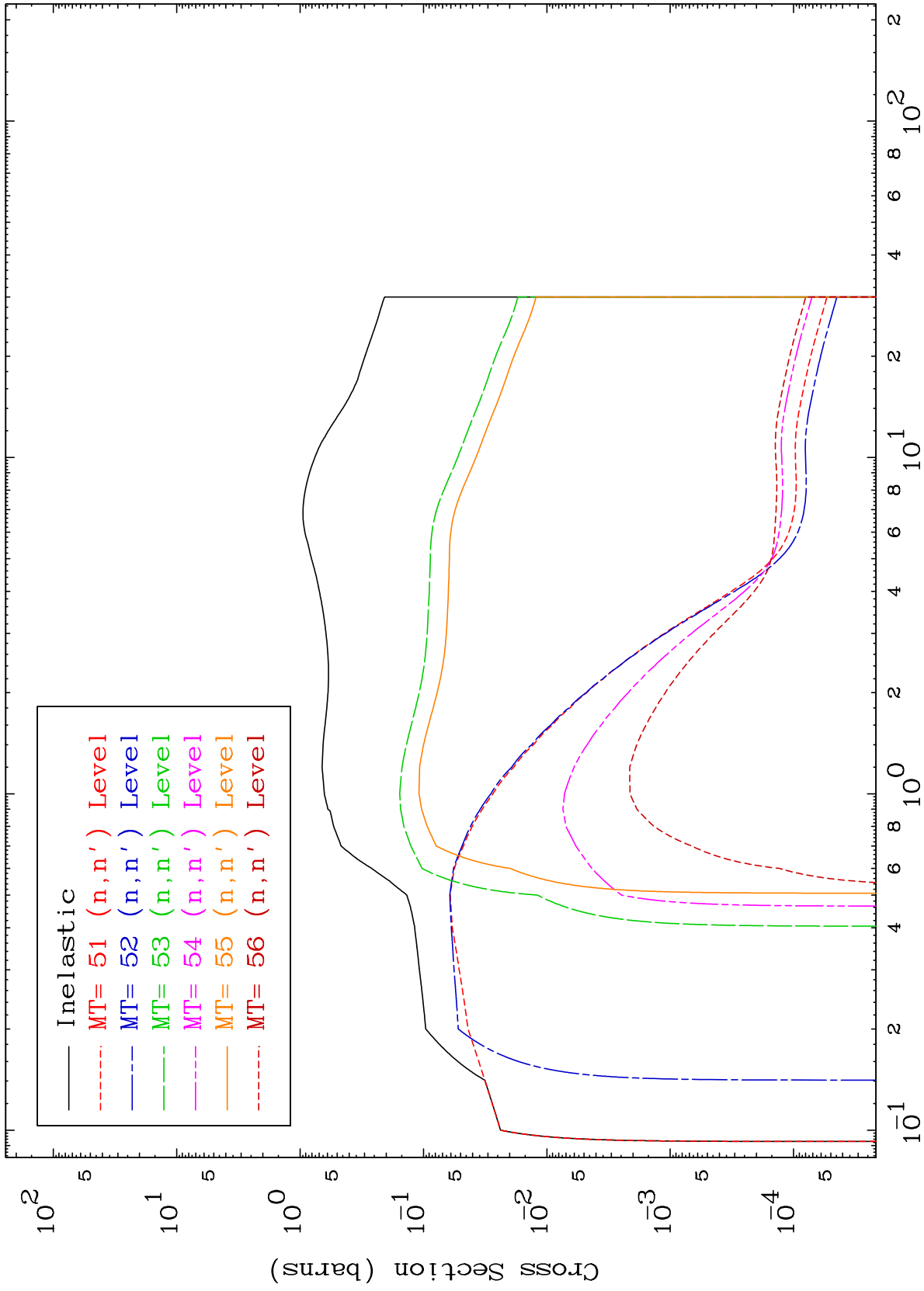
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MAT 7471

(n,n') Level
293 Kelvin Cross Sections

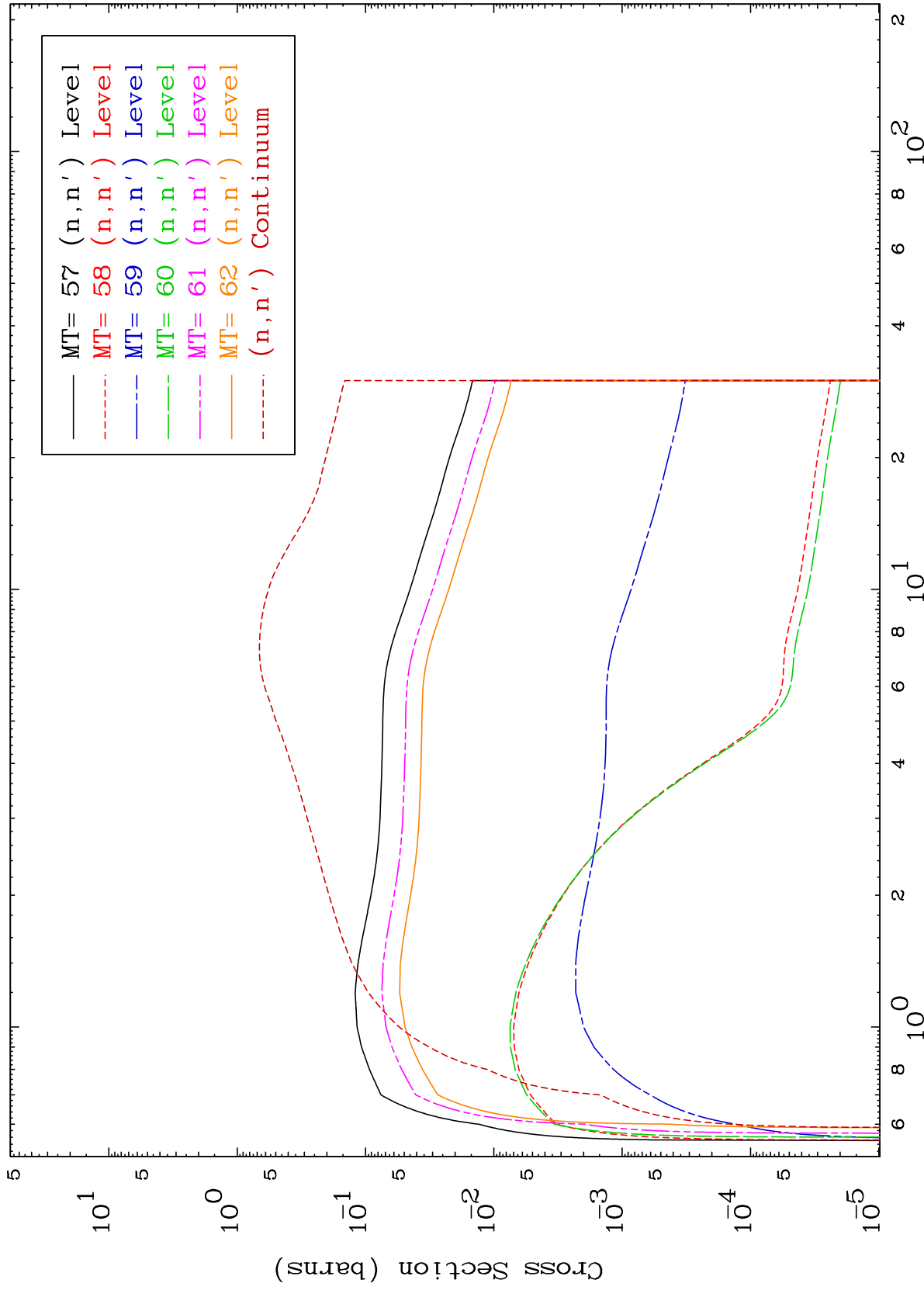
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Incident Energy (MeV)

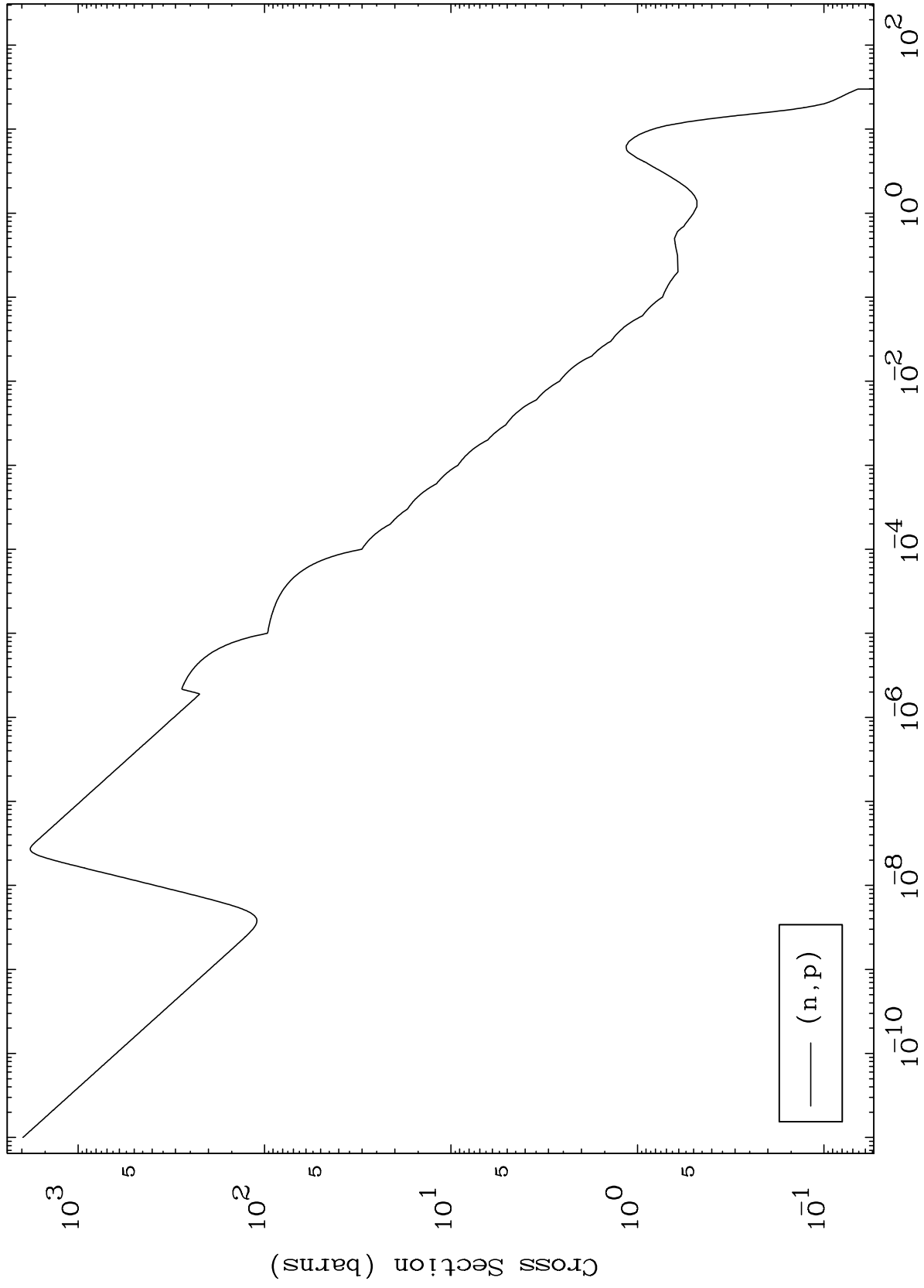
75-Re-167



MAT 7471

(n,p) Levels
293 Kelvin Cross Sections

75-Re-167



10

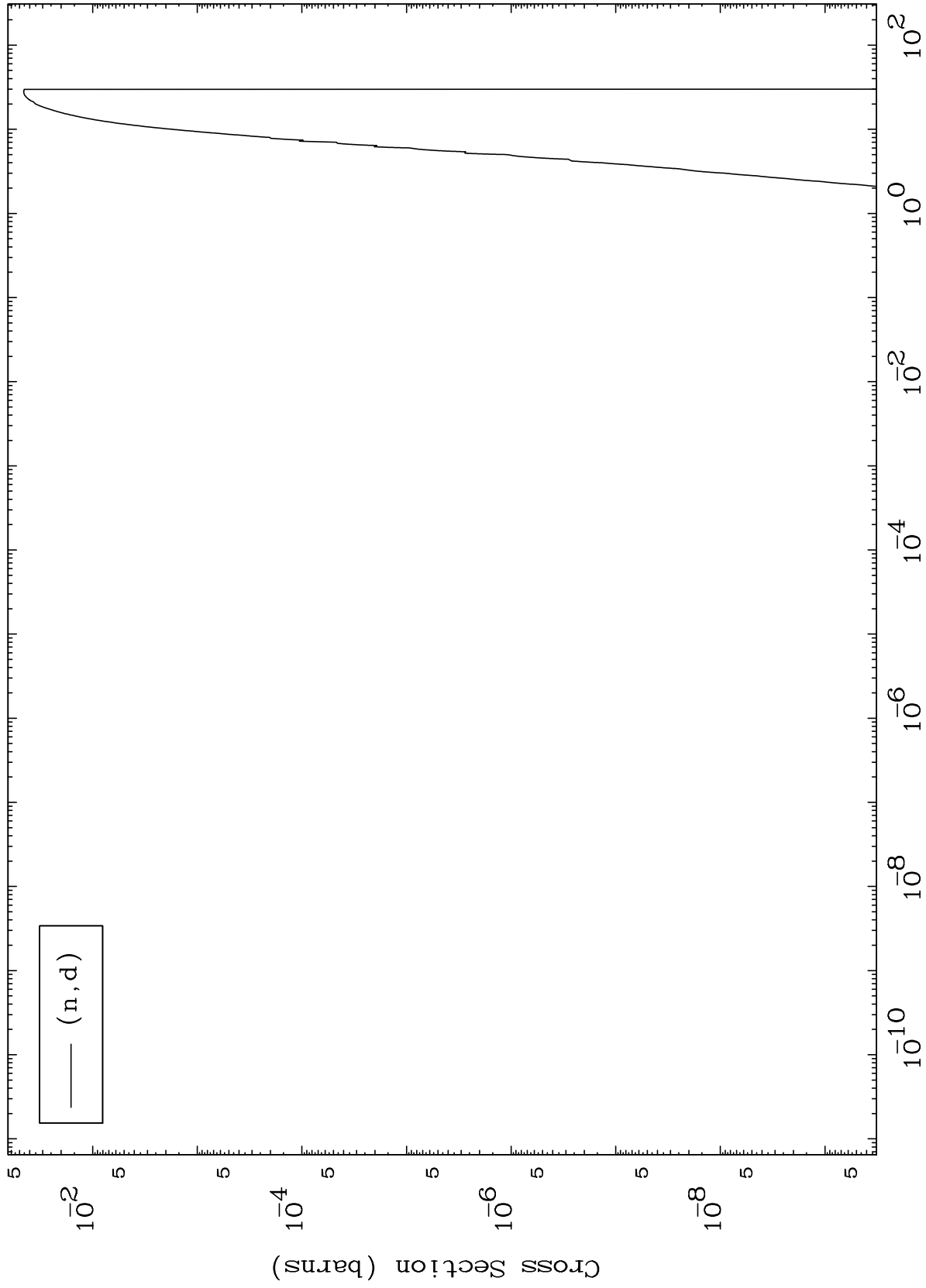
Incident Energy (MeV)

75-Re-167

MAT 7471

(n,d) Levels
293 Kelvin Cross Sections

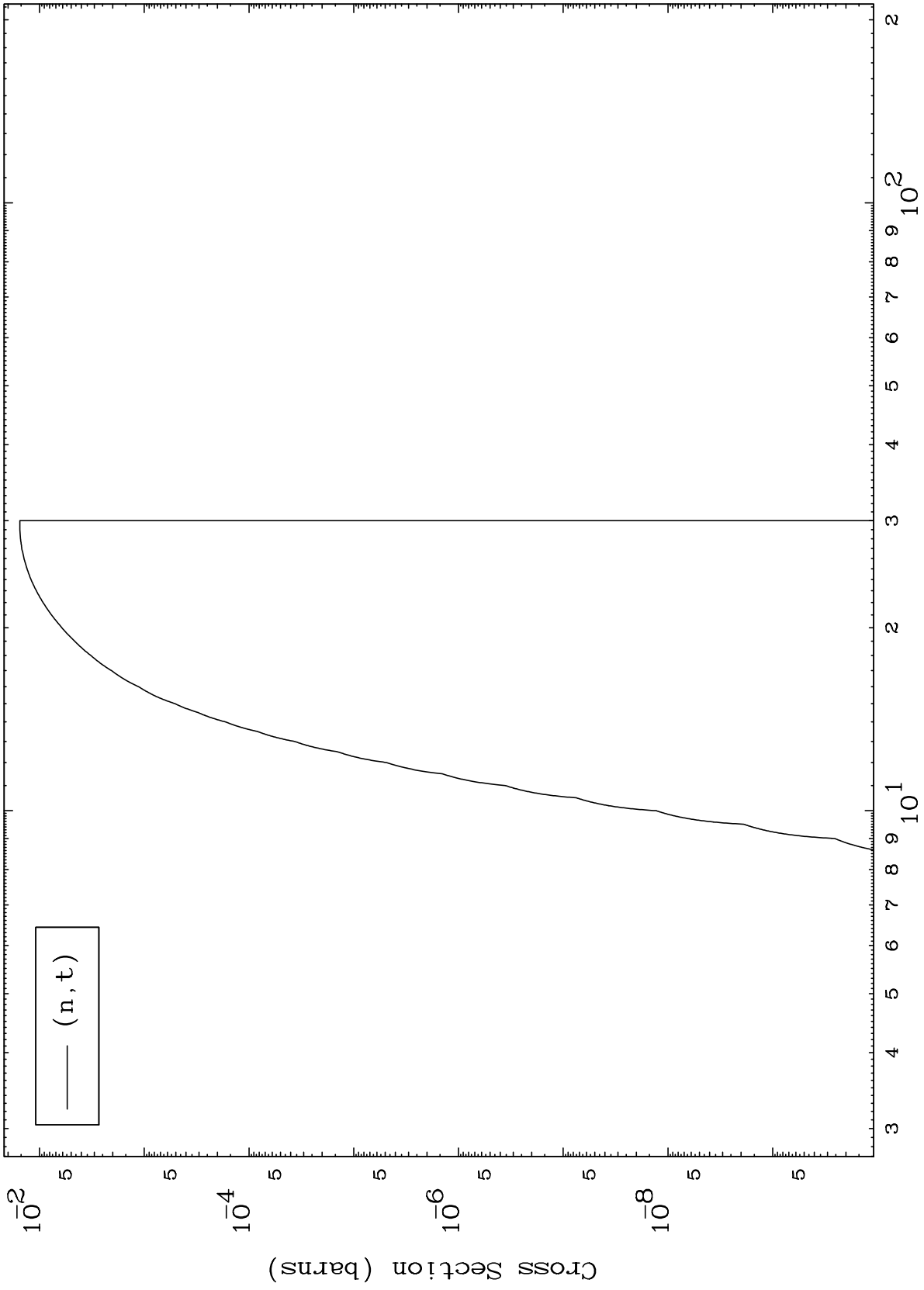
75-Re-167



MAT 7471

(n,t) Levels
293 Kelvin Cross Sections

75-Re-167



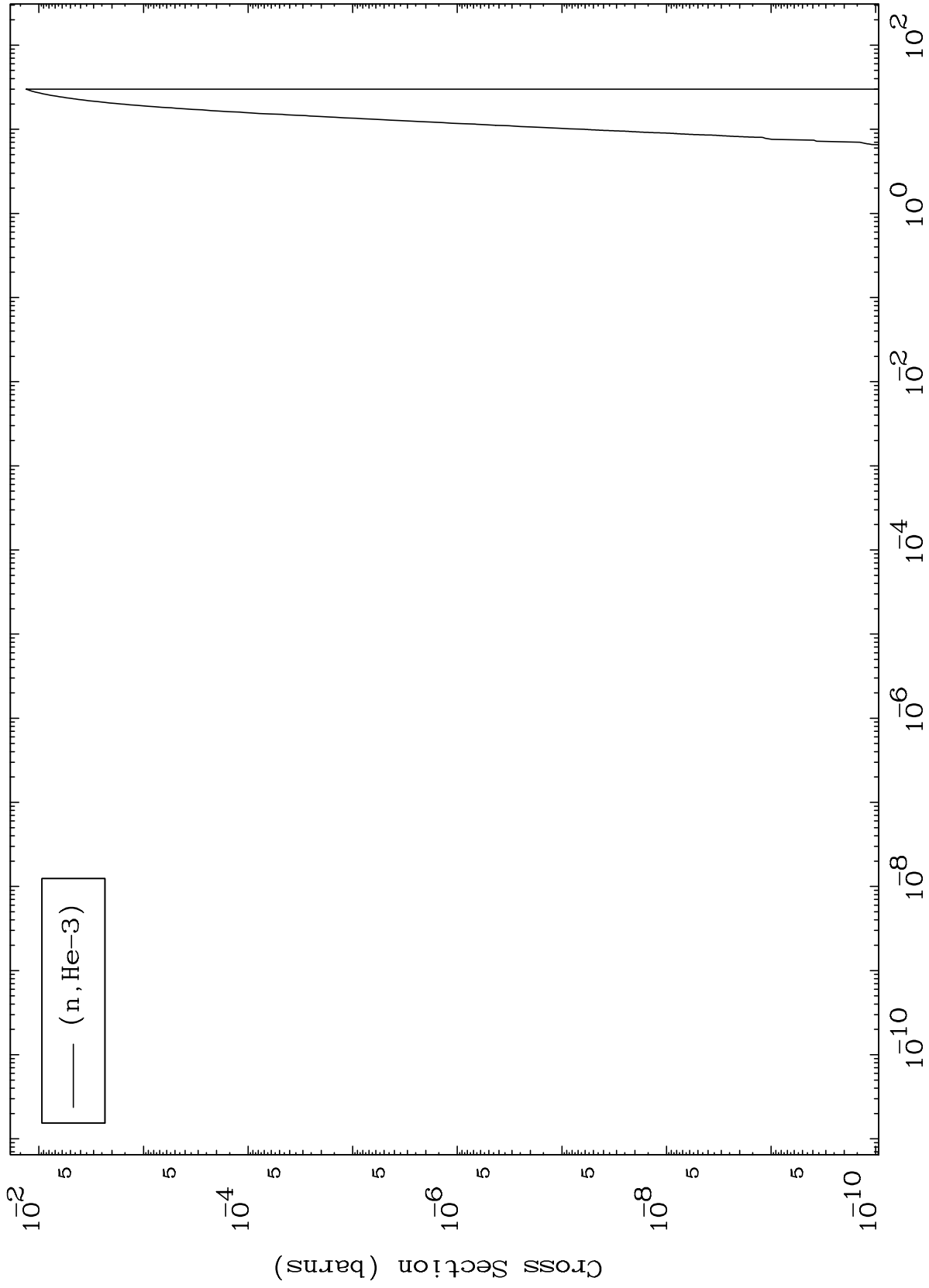
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75-Re-167

MAT 7471

(n,He3) Levels
293 Kelvin Cross Sections

75-Re-167



13

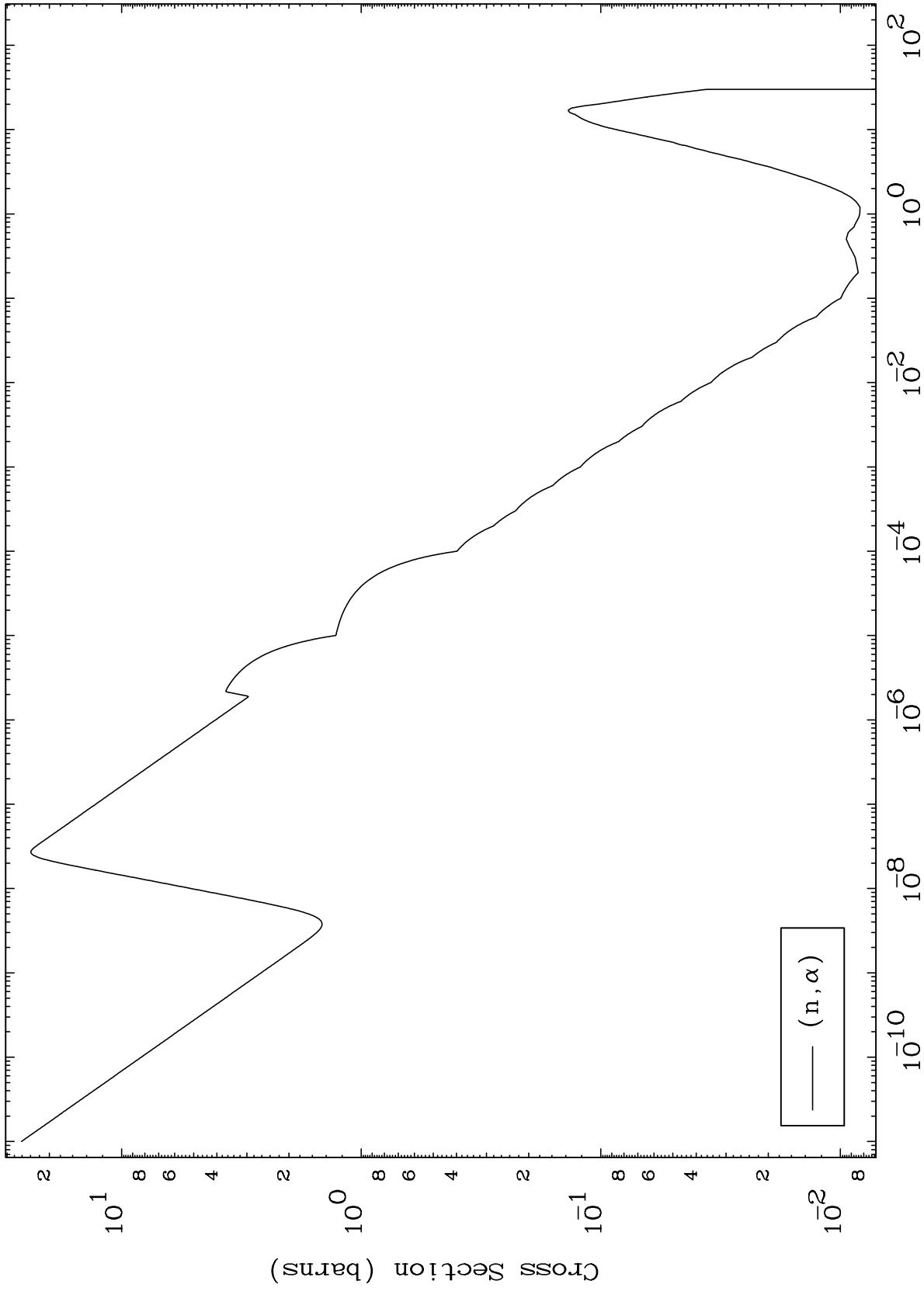
Incident Energy (MeV)

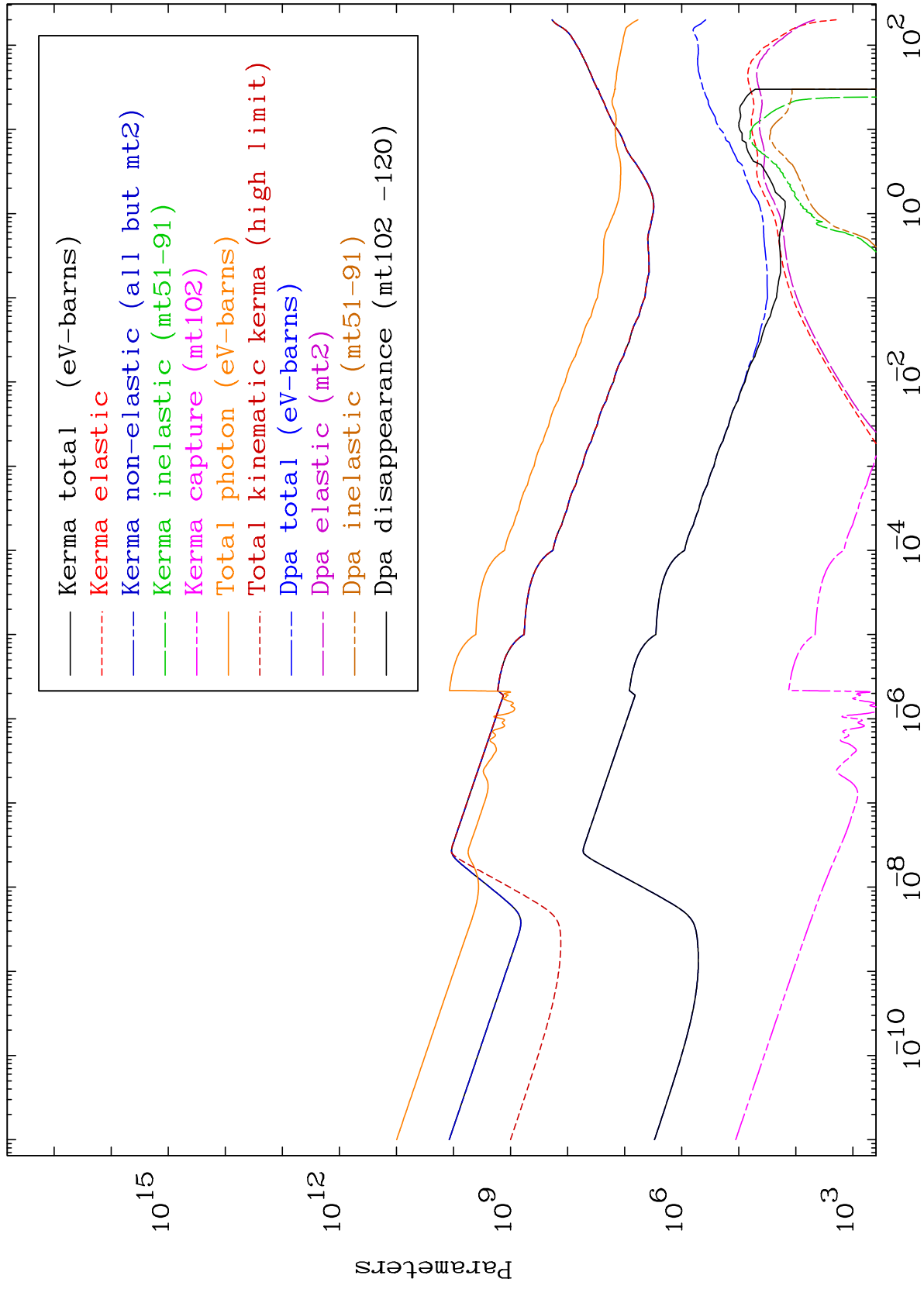
75-Re-167

MAT 7471

(n,α) Levels
293 Kelvin Cross Sections

75-Re-167

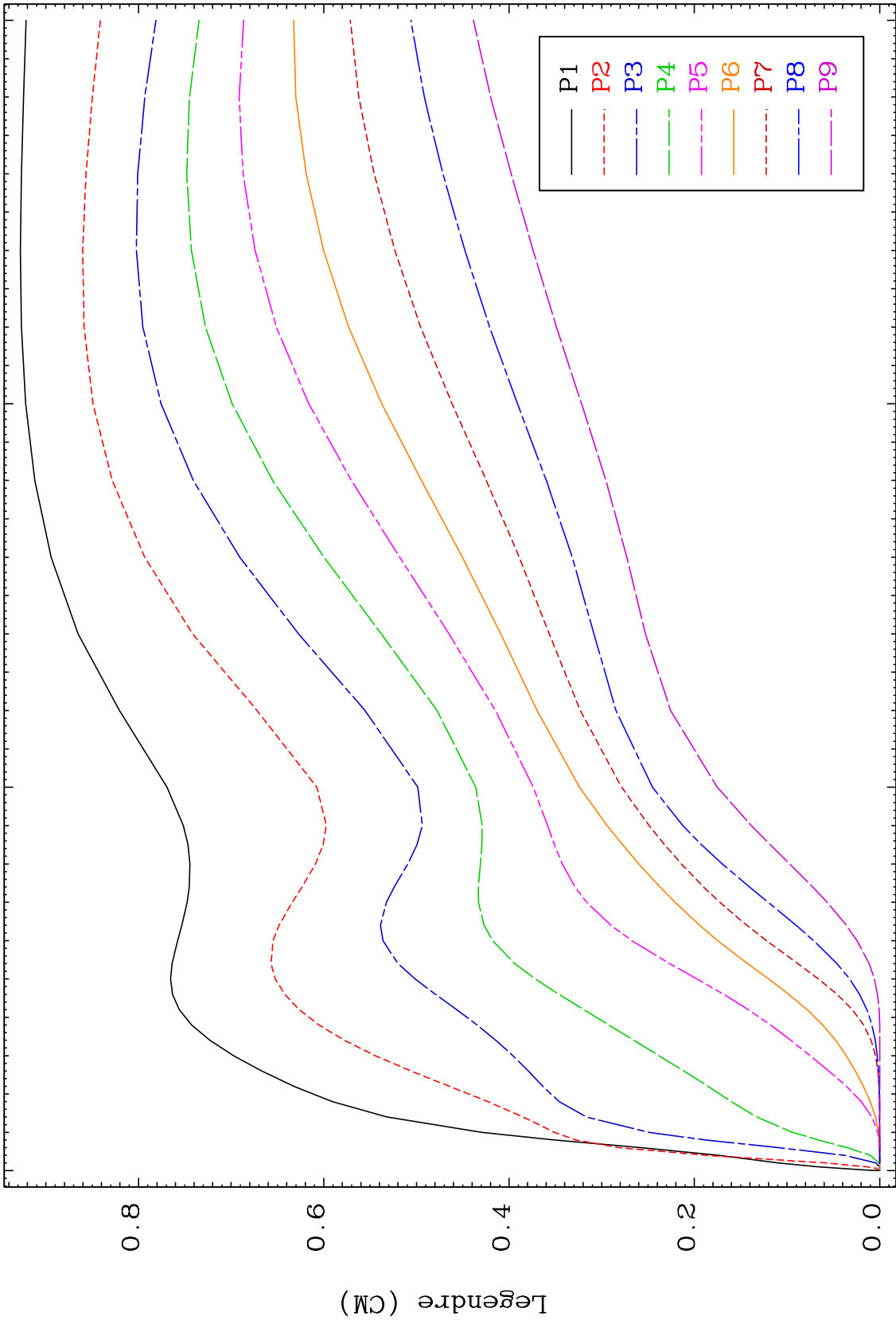




MAT 7471

Elastic Legendre Coefficients

75-Re-167



16

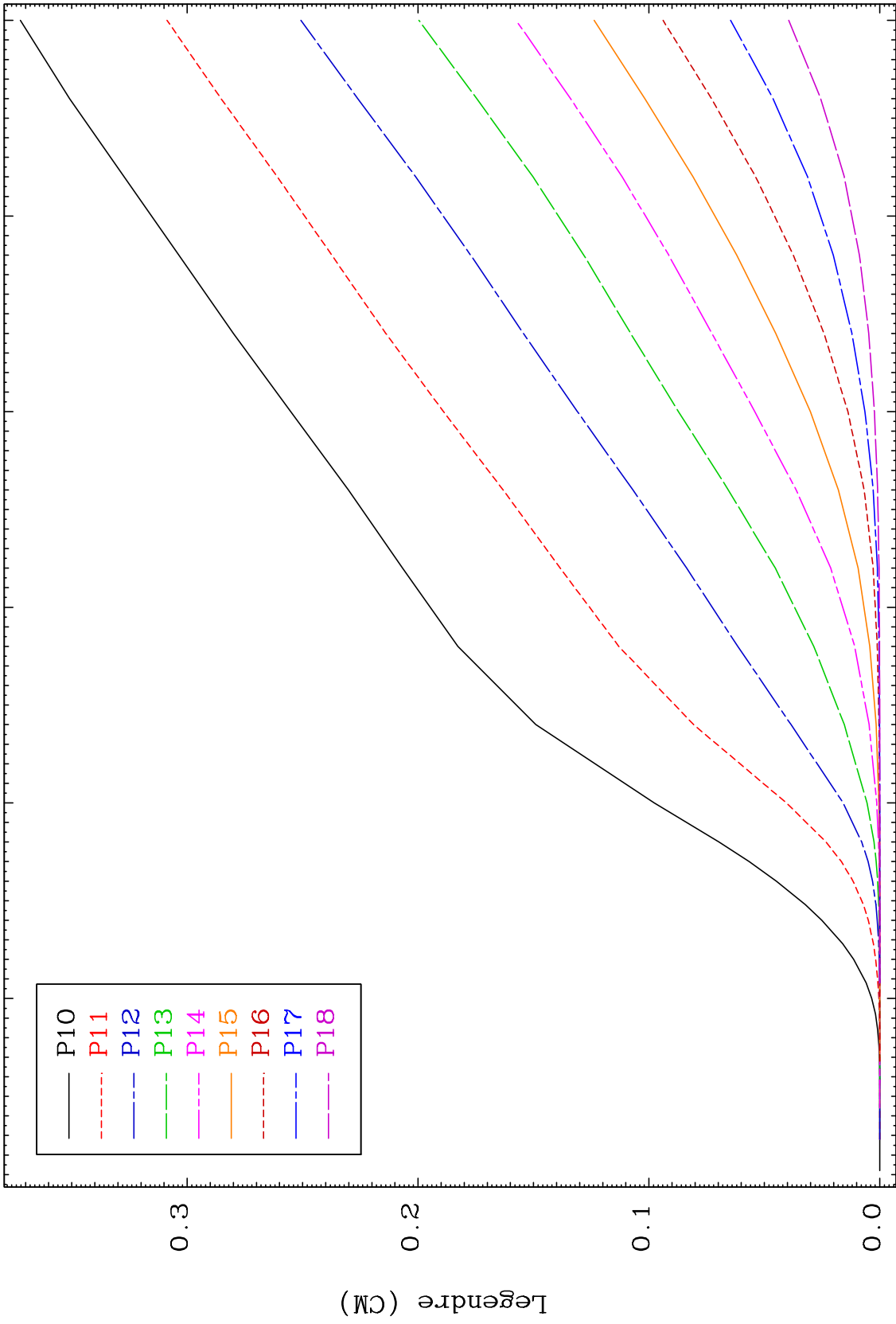
Incident Energy (MeV)

75-Re-167

MAT 7471

Elastic Legendre Coefficients

75-Re-167



17

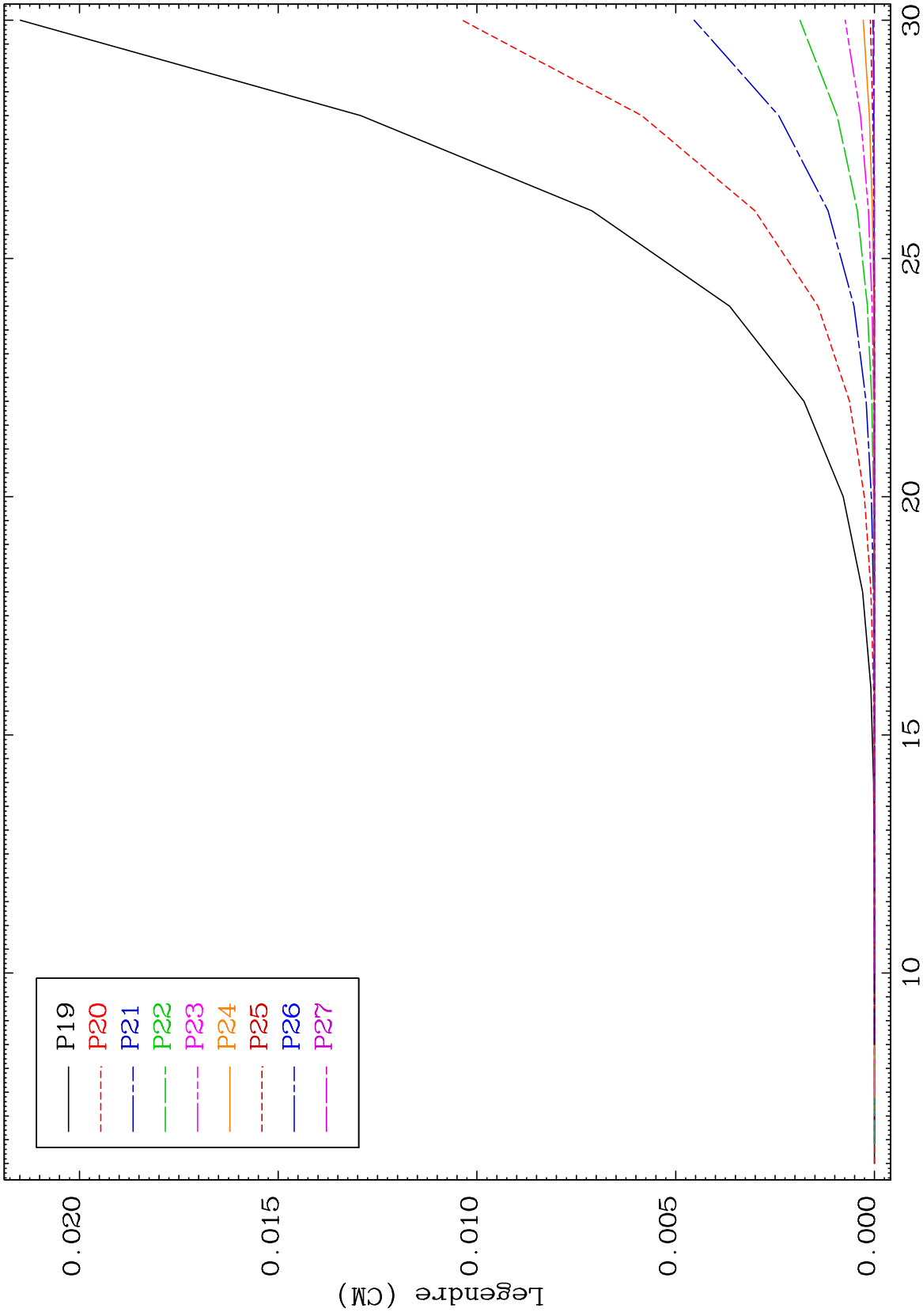
Incident Energy (MeV)

75-Re-167

MAT 7471

Elastic Legendre Coefficients

75-Re-167



18

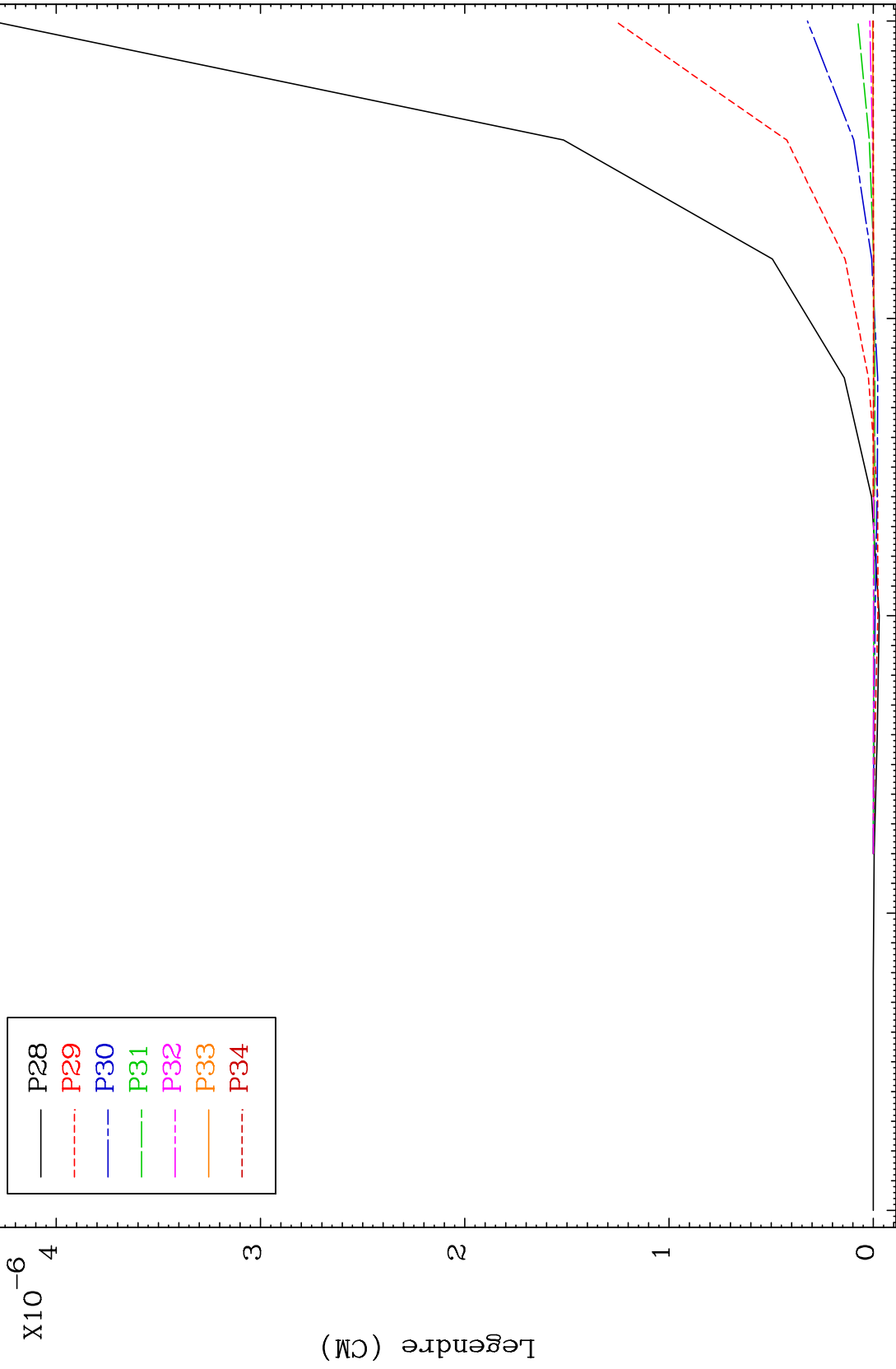
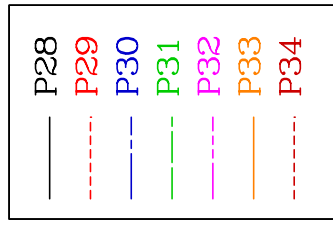
Incident Energy (MeV)

75-Re-167

MAT 7471

Elastic Legendre Coefficients

75-Re-167



19

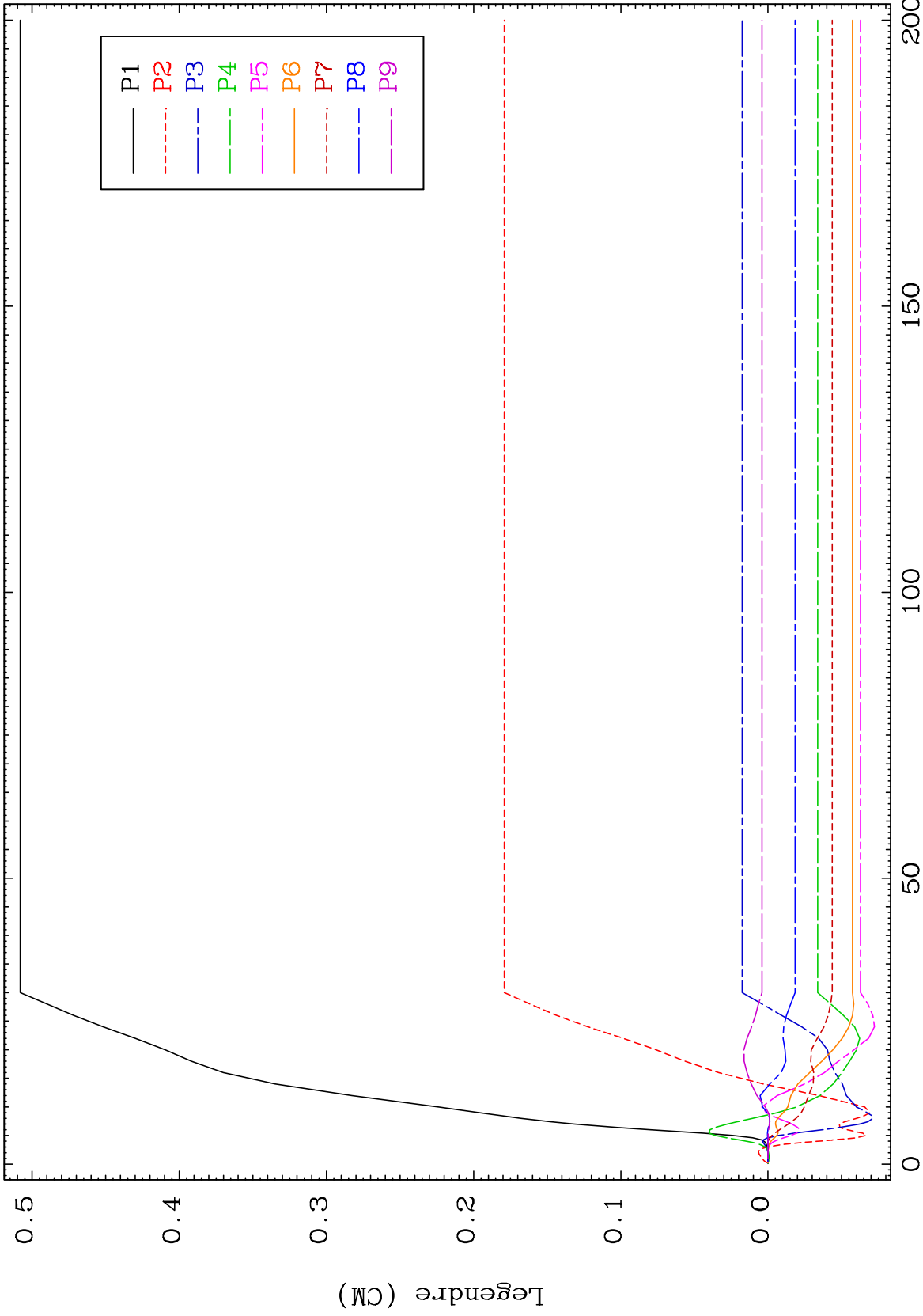
Incident Energy (MeV)

75-Re-167

MAT 7471

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

75-Re-167



75-Re-167

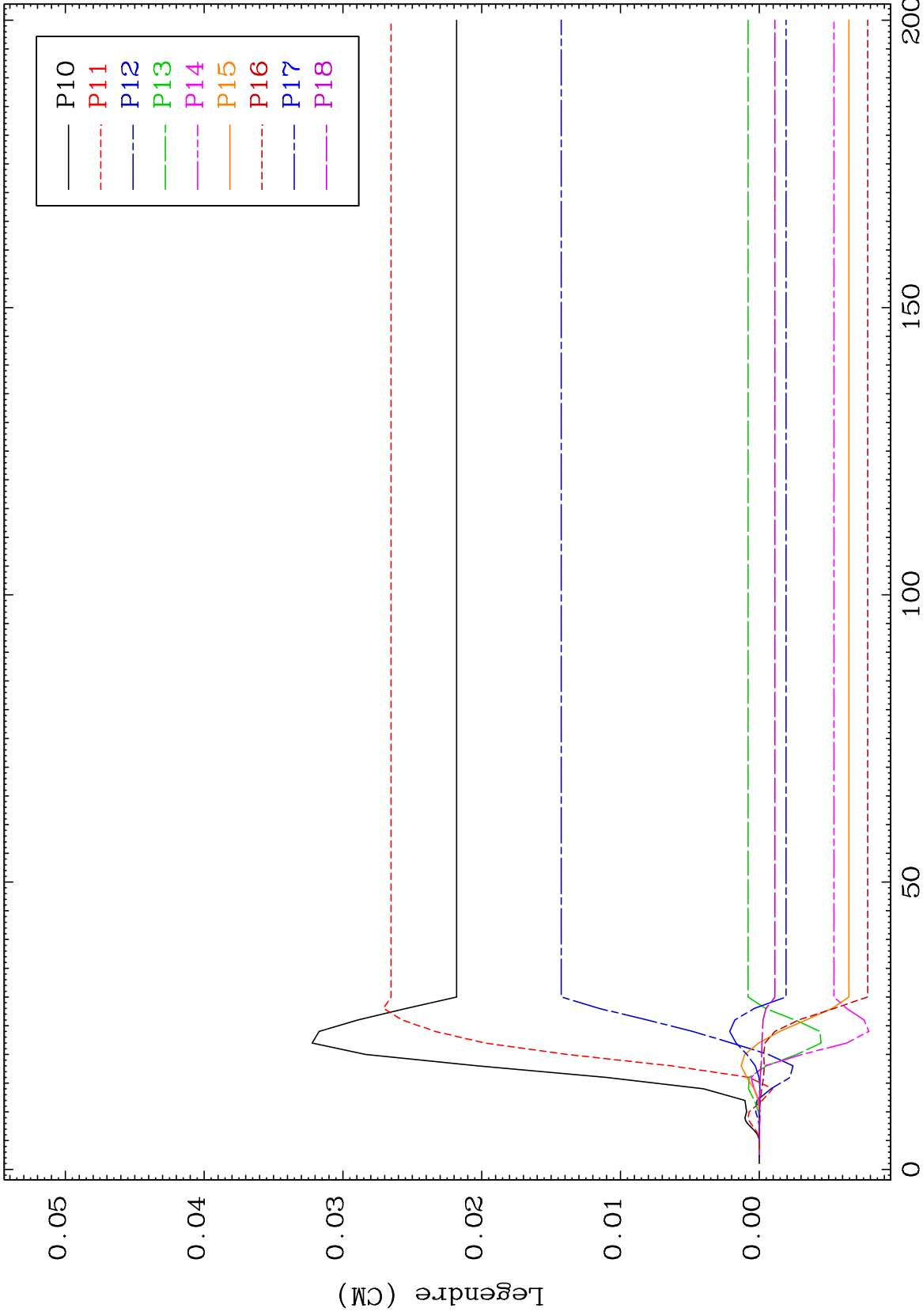
Incident Energy (MeV)

20

MAT 7471

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

75-Re-167



21

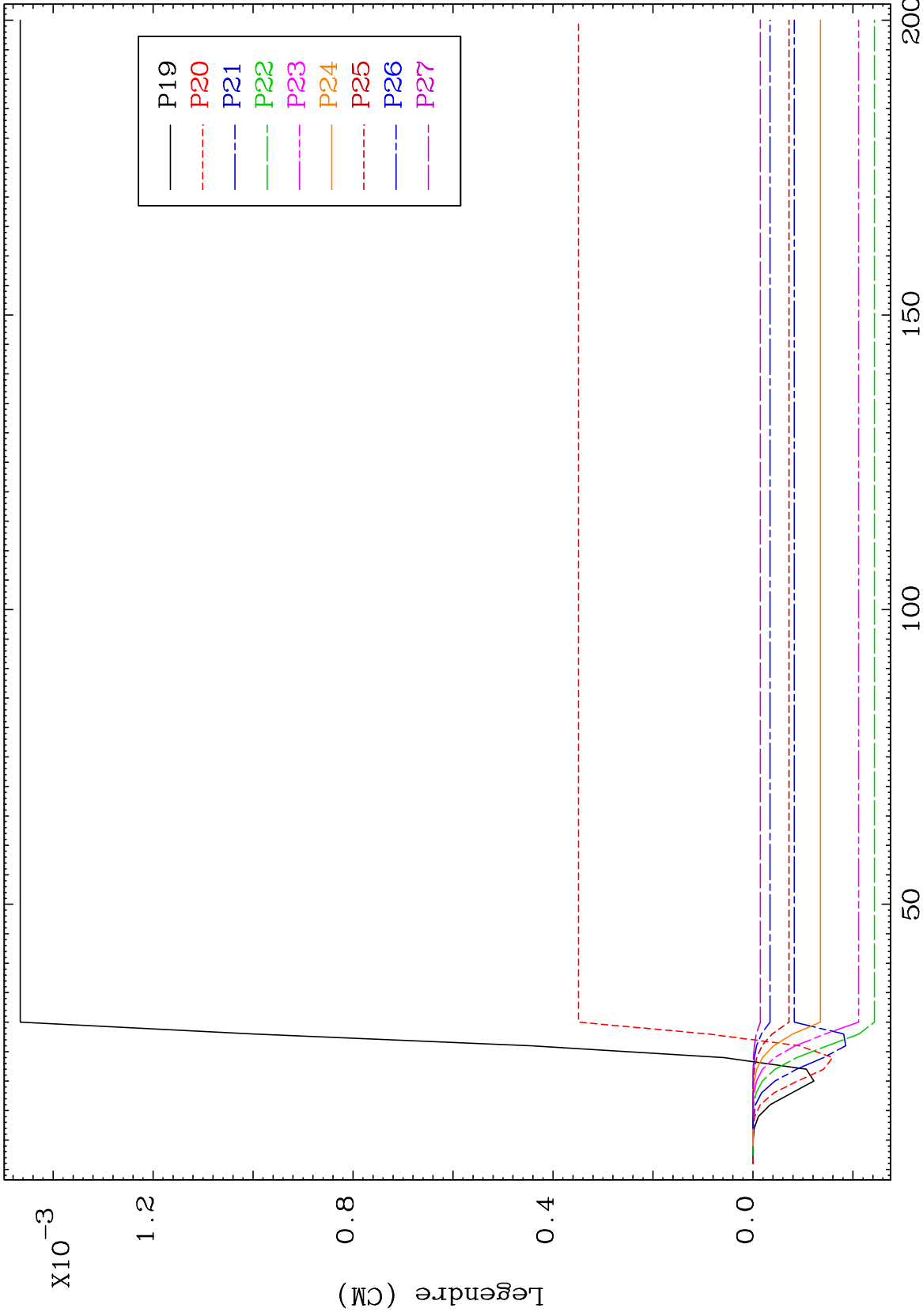
Incident Energy (MeV)

75-Re-167

MAT 7471

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

75-Re-167



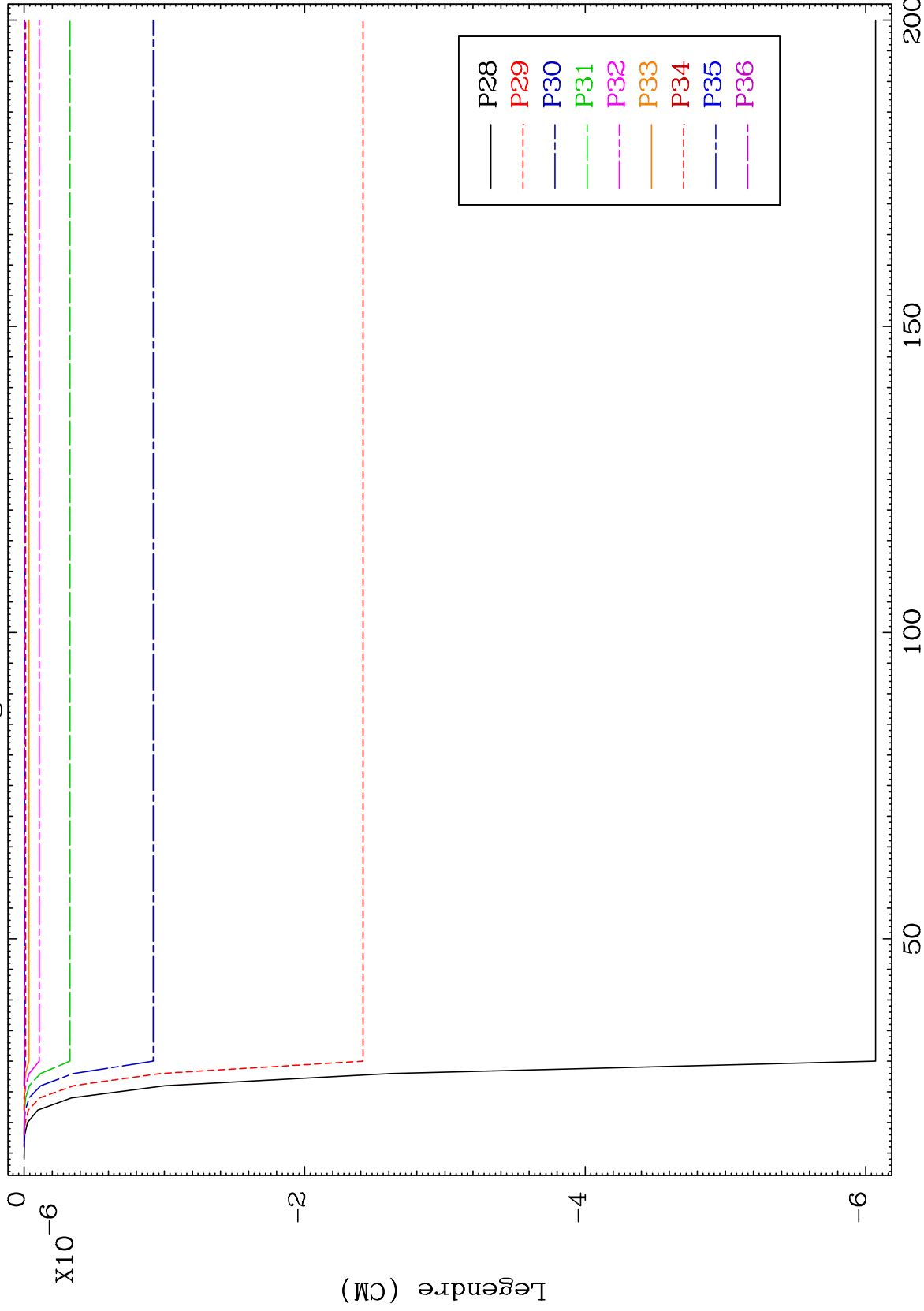
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75-Re-167

MAT 7471

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

75-Re-167



23

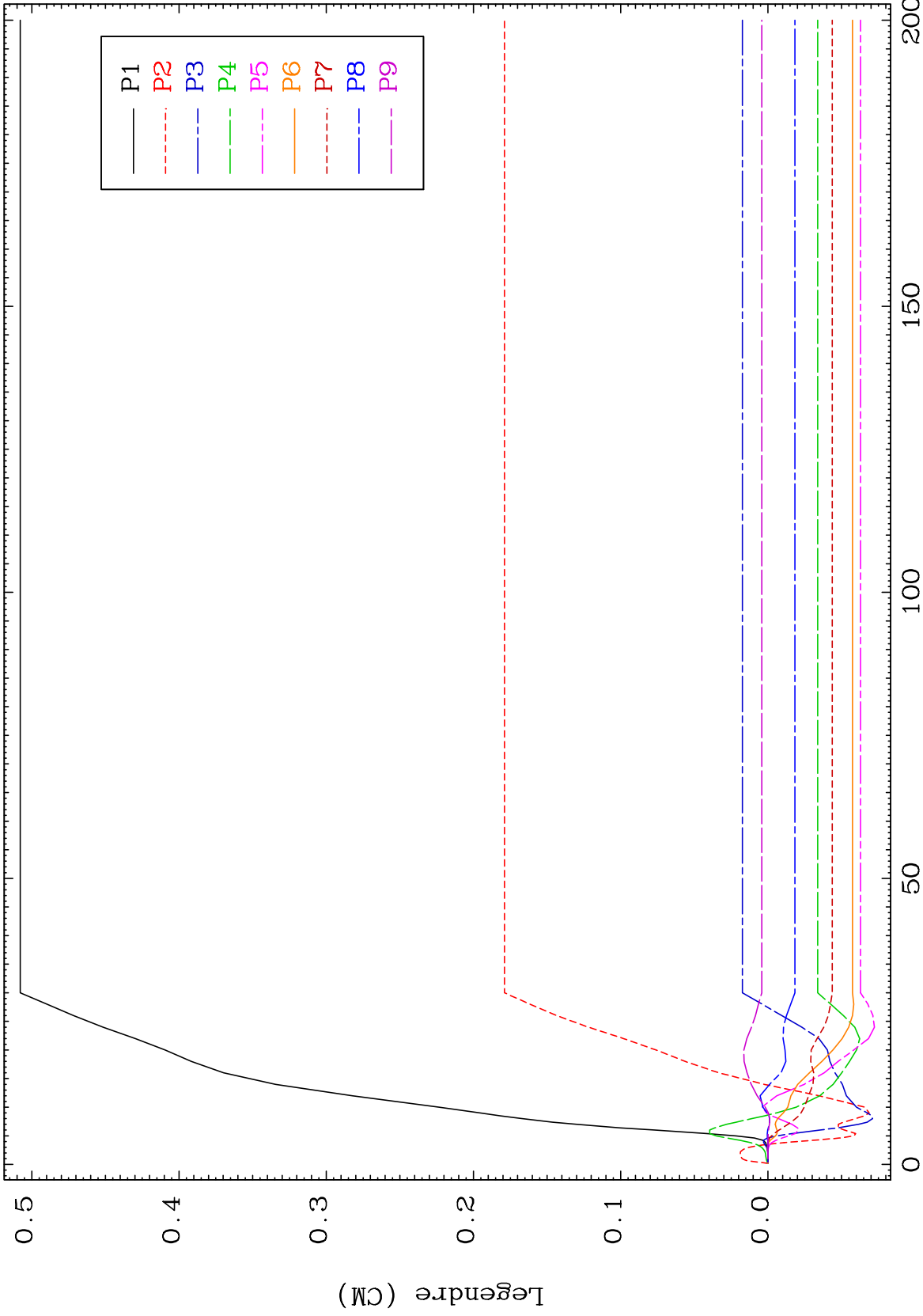
Incident Energy (MeV)

75-Re-167

MAT 7471

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

75-Re-167



24

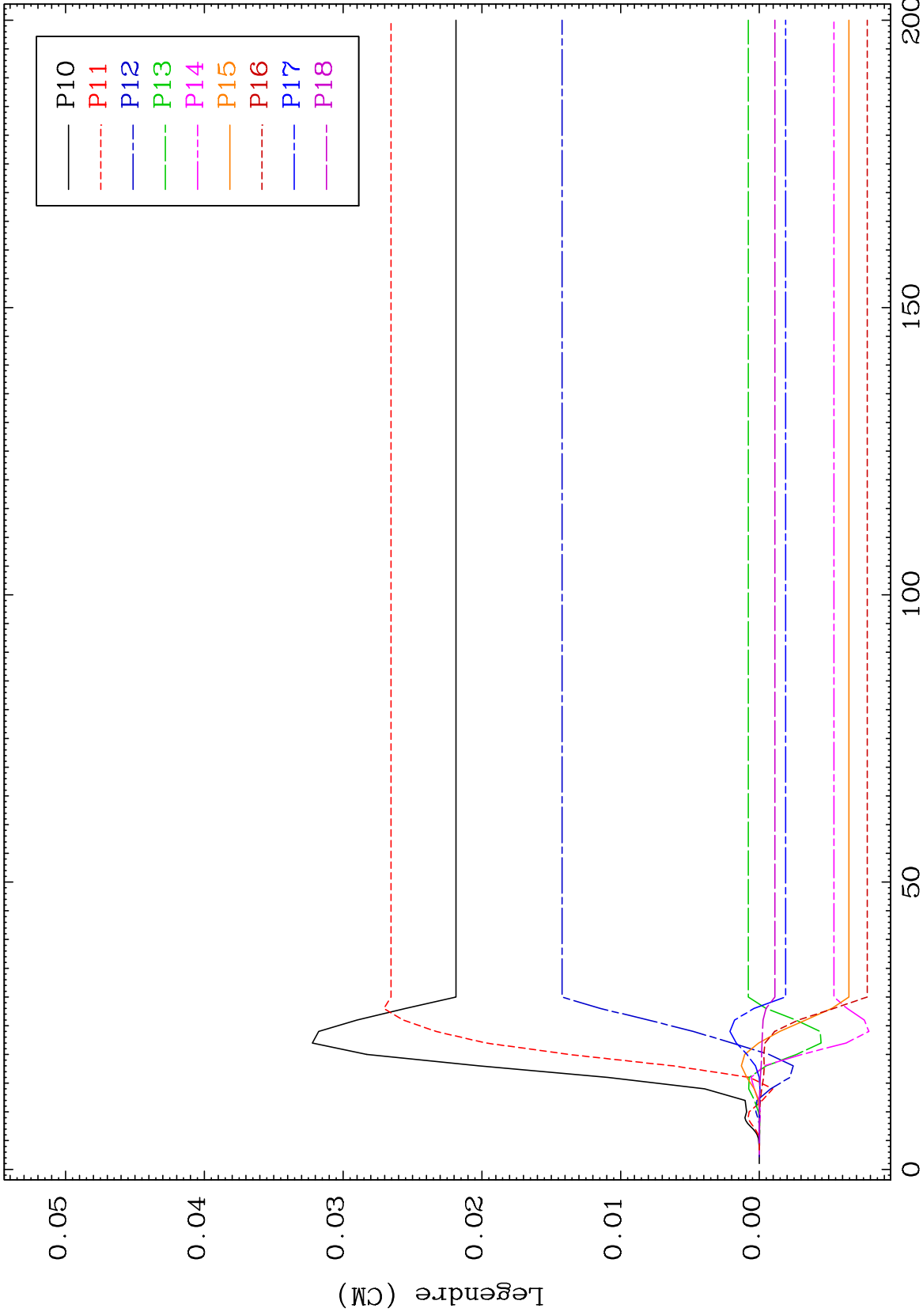
Incident Energy (MeV)

75-Re-167

MAT 7471

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

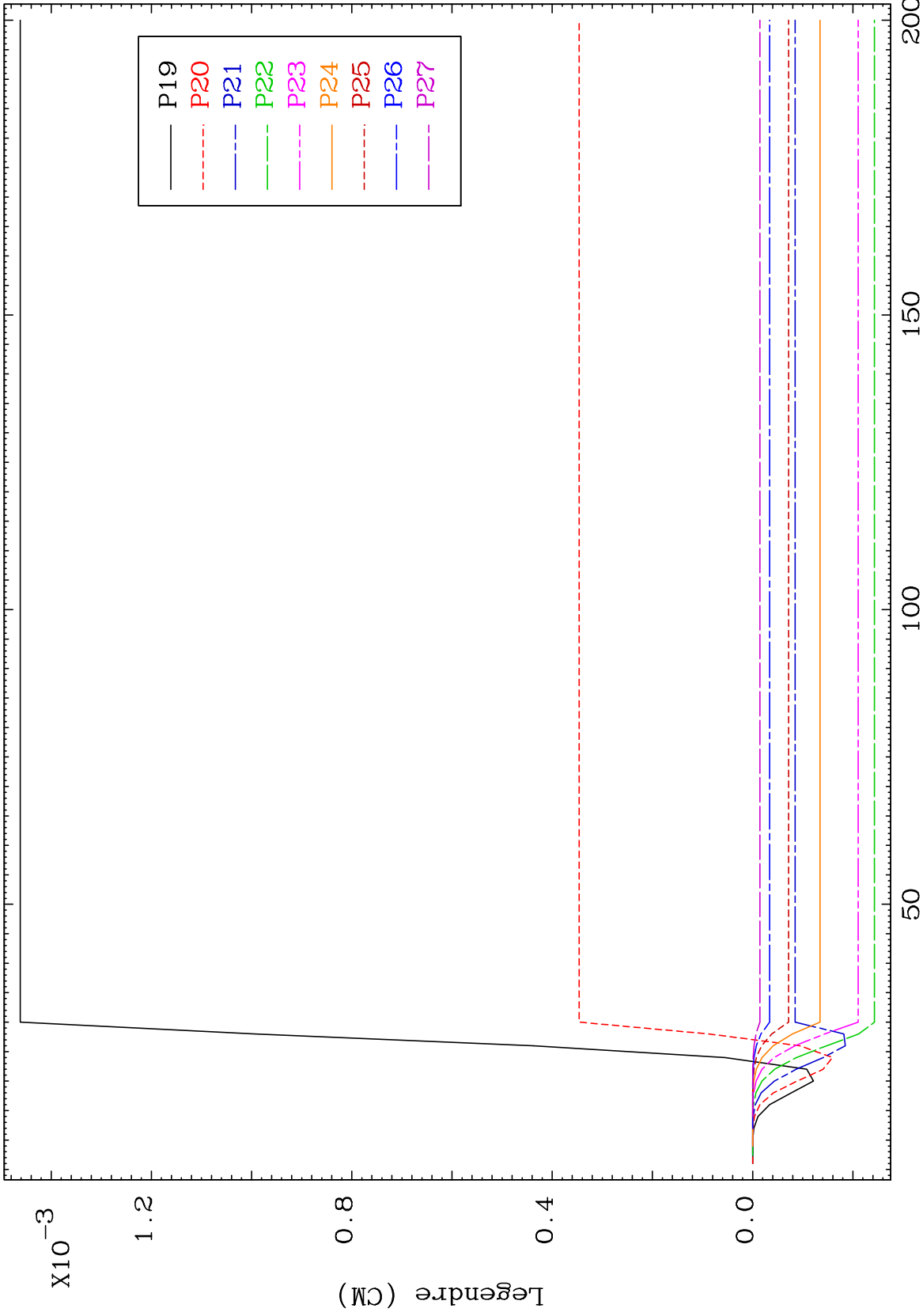
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25

Incident Energy (MeV)

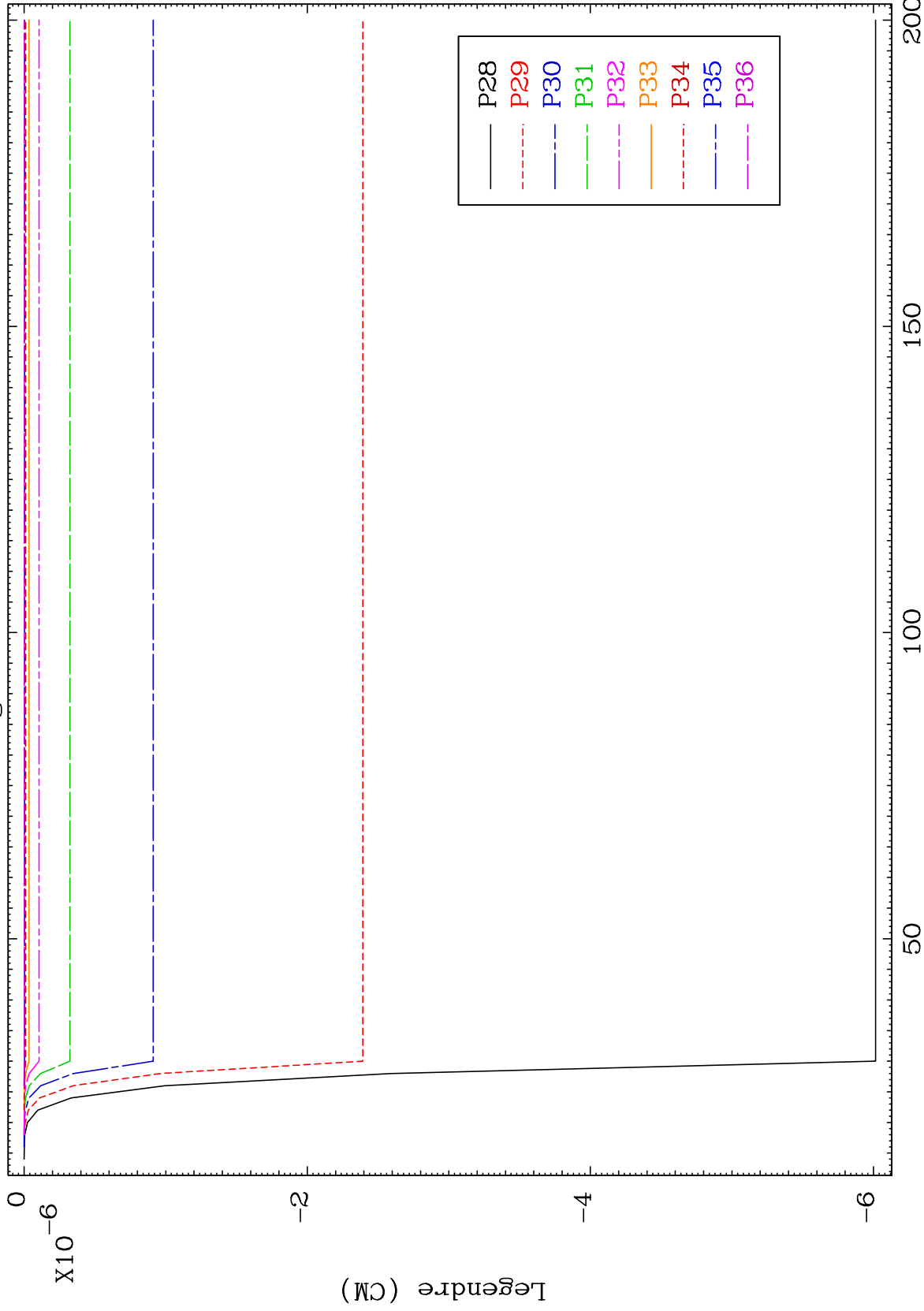
75-Re-167



MAT 7471

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

75-Re-167



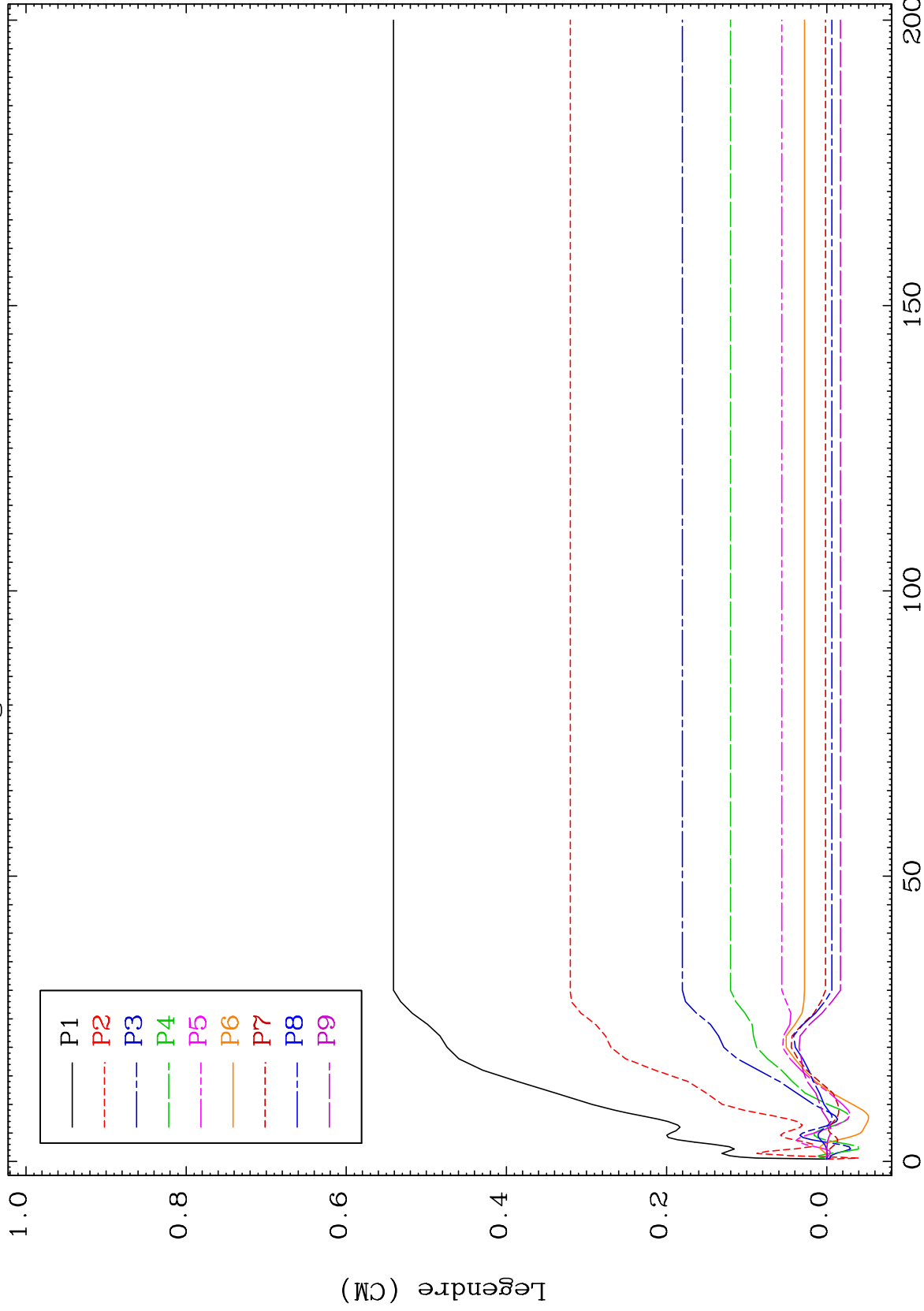
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75-Re-167

MAT 7471

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

75-Re-167



28

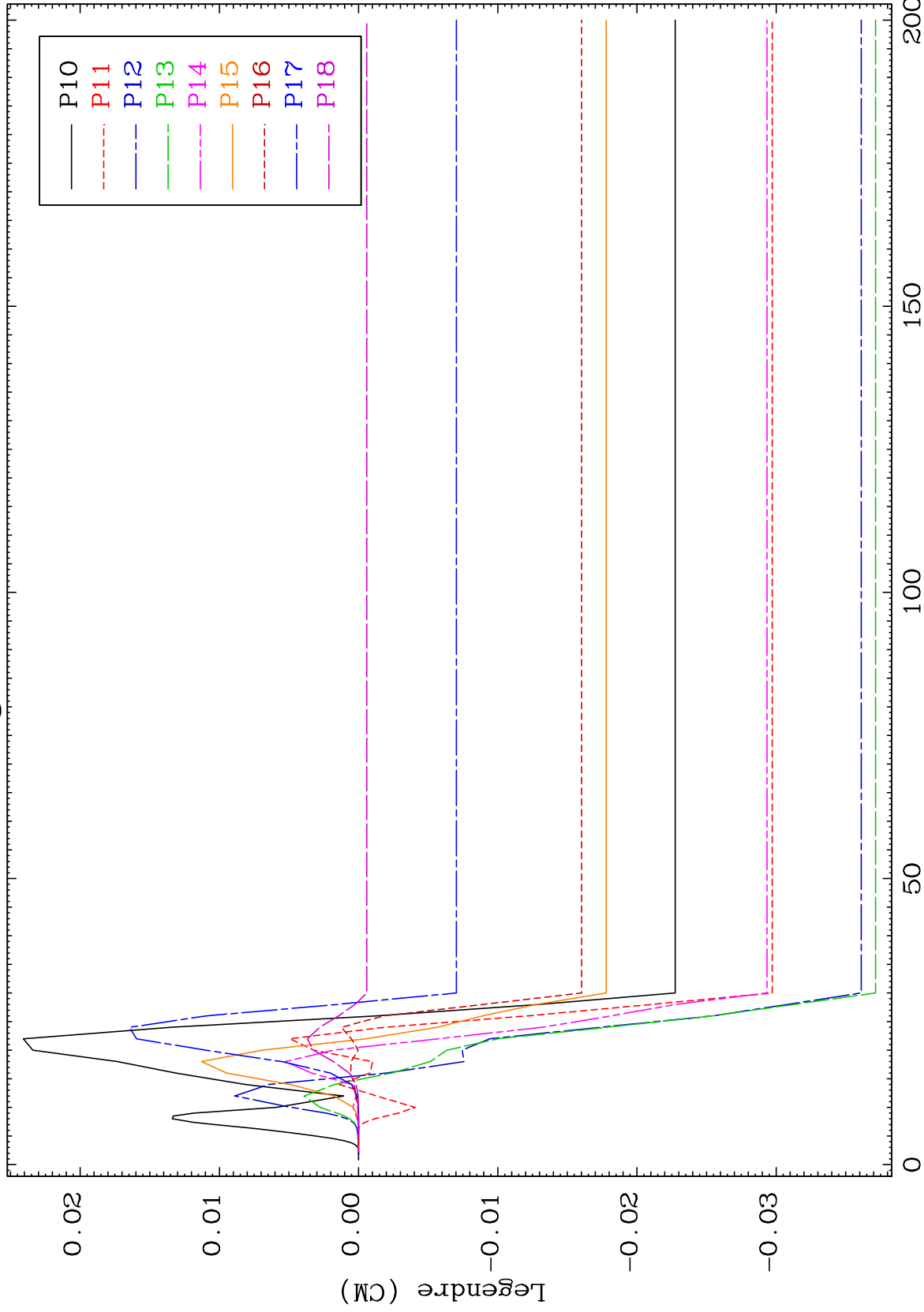
Incident Energy (MeV)

75-Re-167

MAT 7471

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

75-Re-167



29

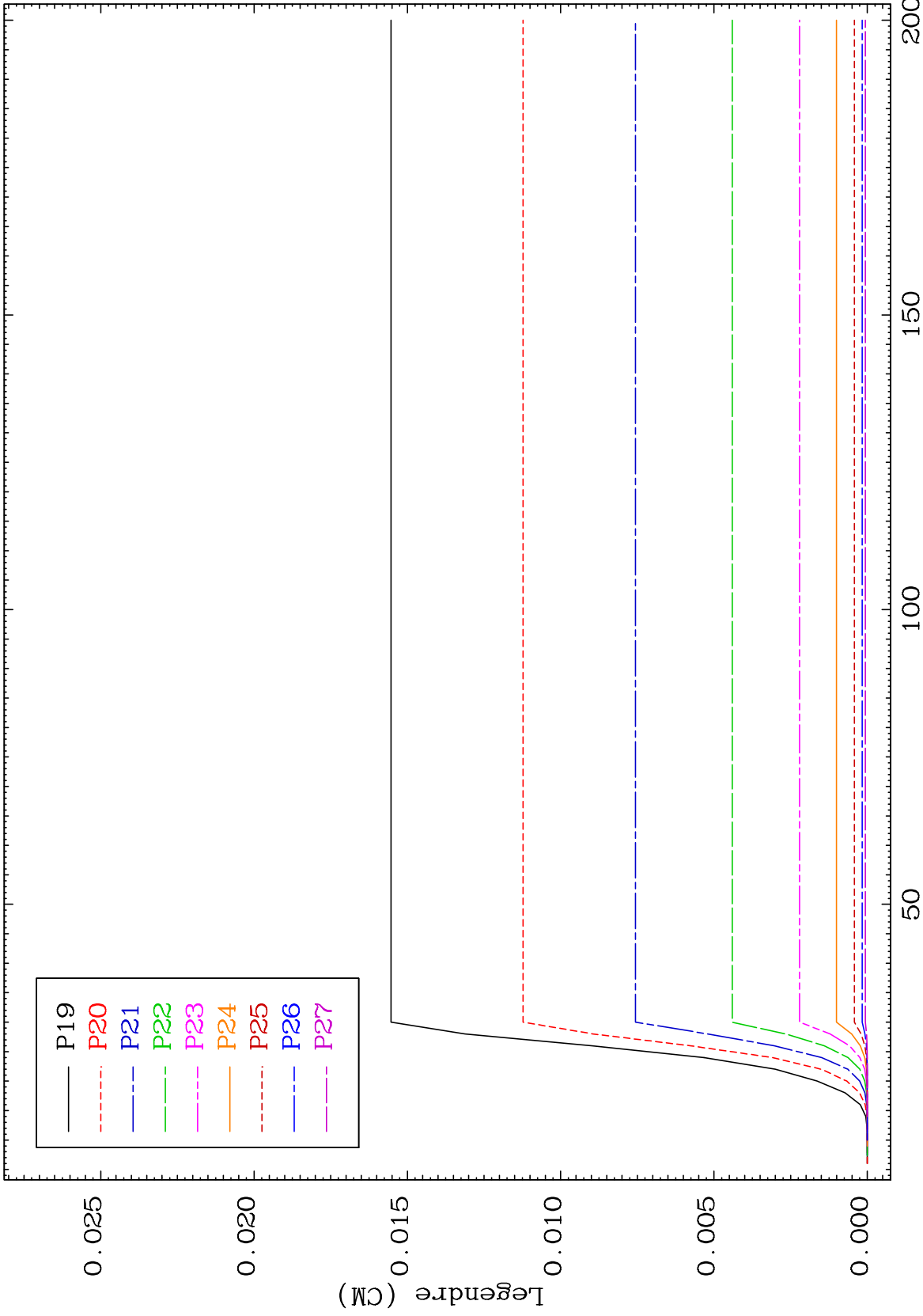
Incident Energy (MeV)

75-Re-167

MAT 7471

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

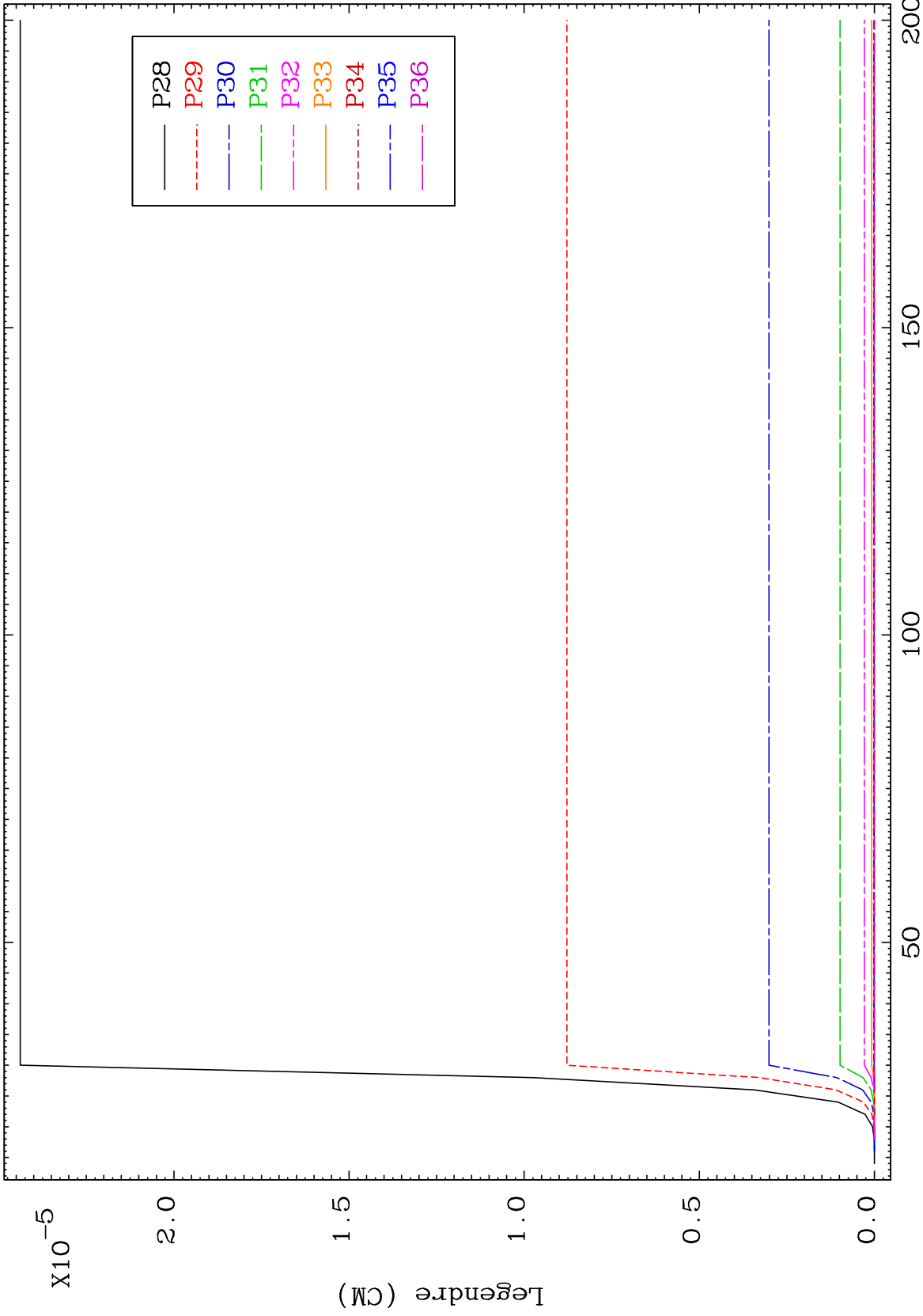
75-Re-167



30

Incident Energy (MeV)

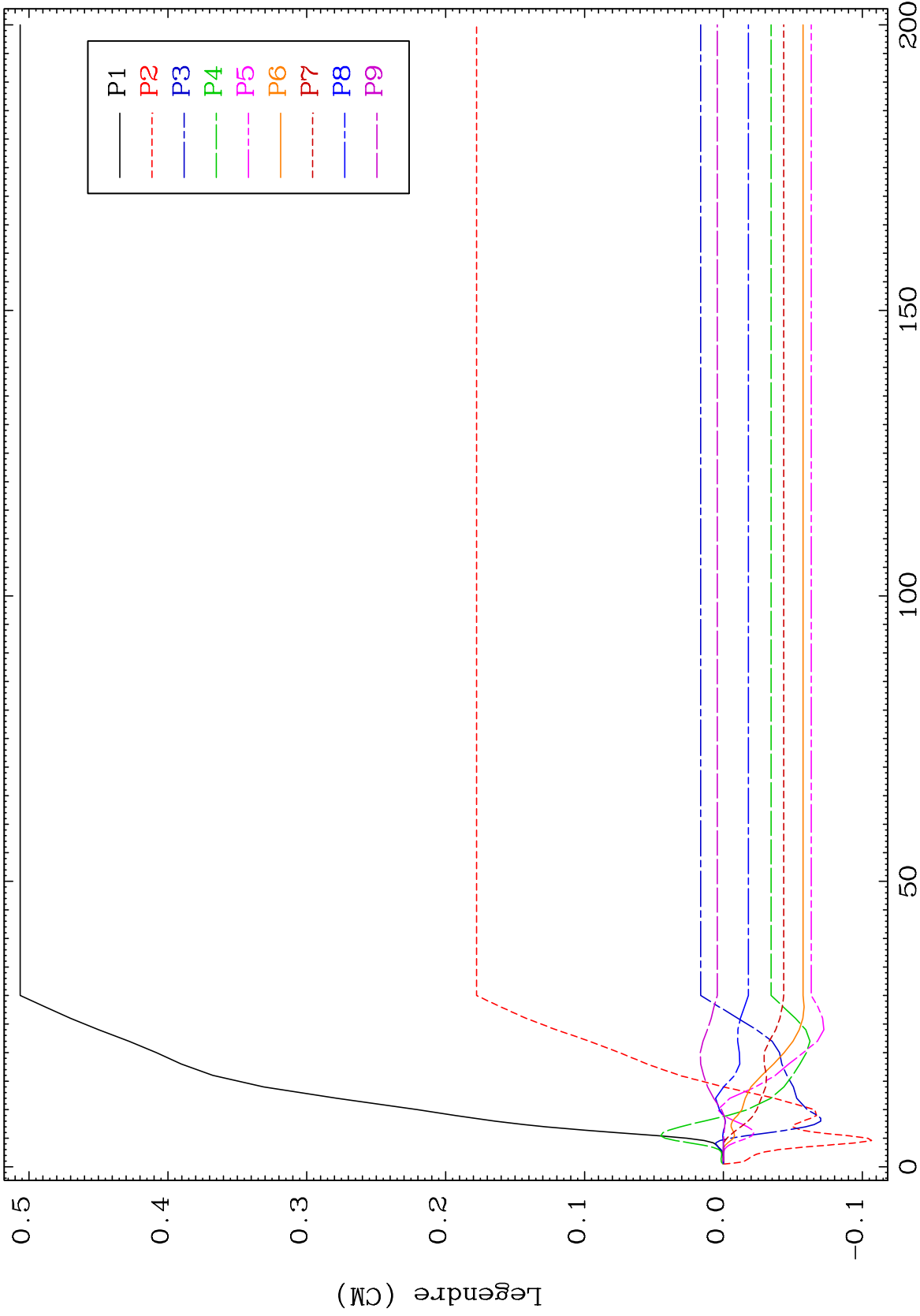
75-Re-167



MAT 7471

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

75-Re-167



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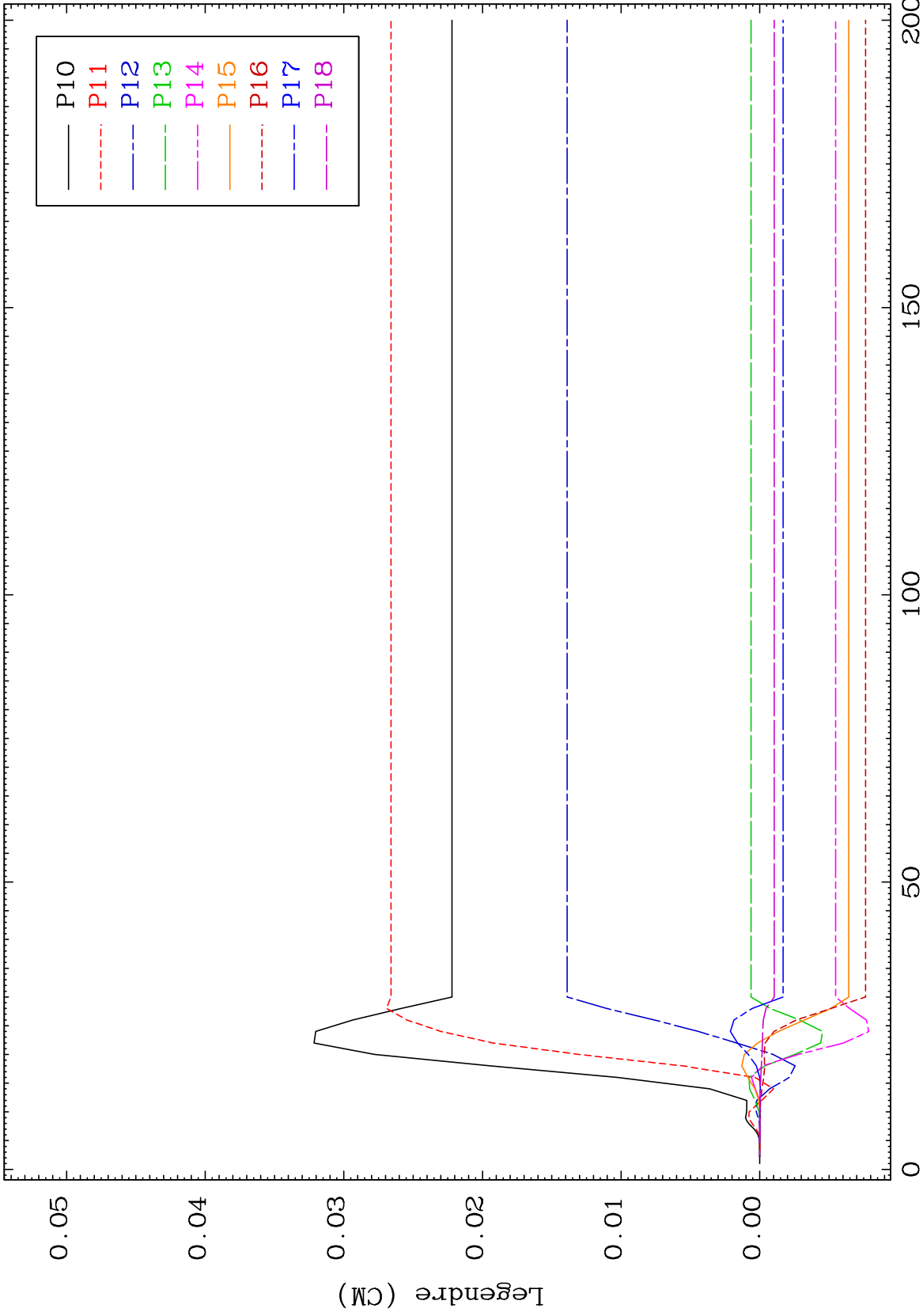
Incident Energy (MeV)

75-Re-167

MAT 7471

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

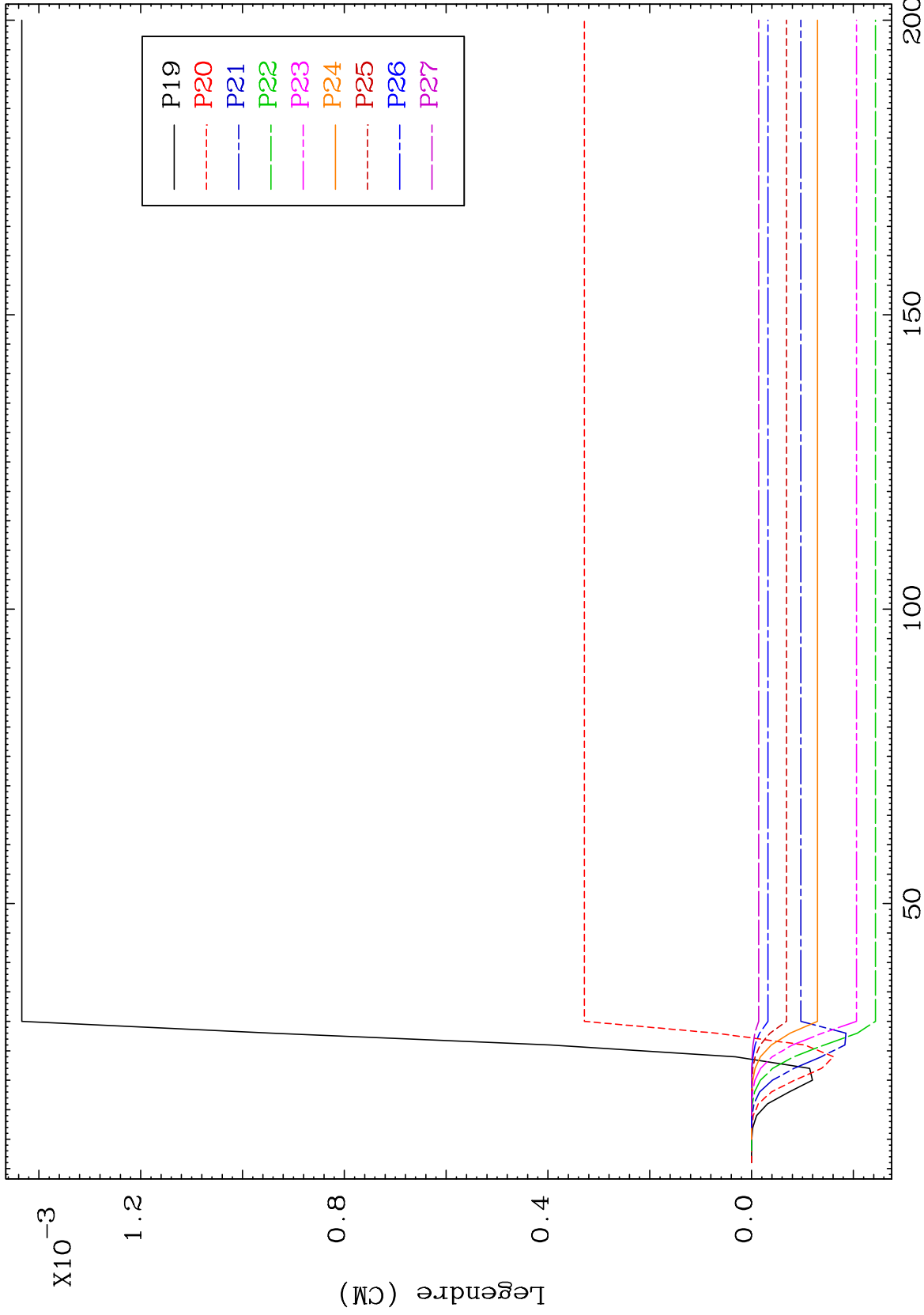
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33

Incident Energy (MeV)

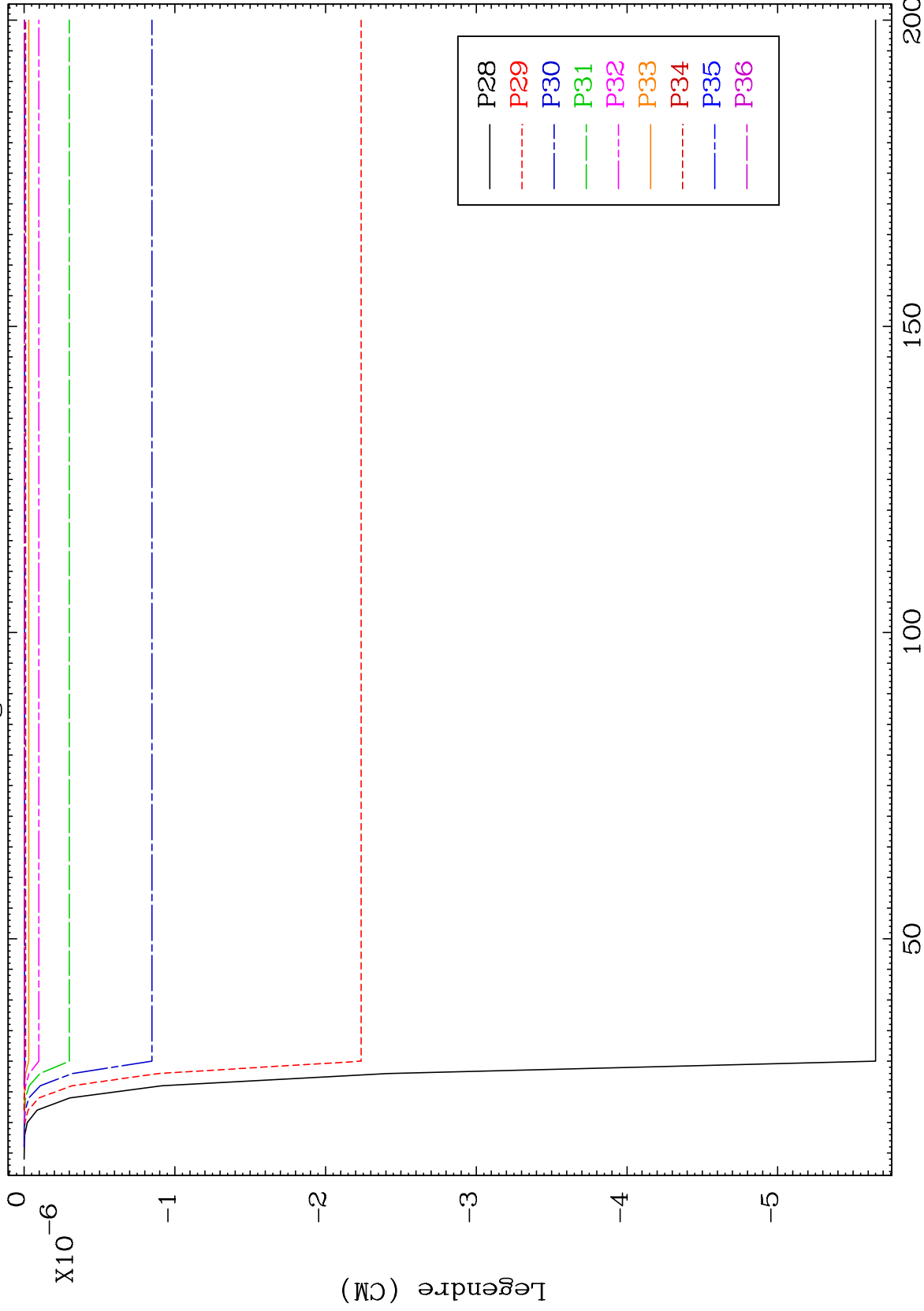
75-Re-167



MAT 7471

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

75-Re-167



75-Re-167

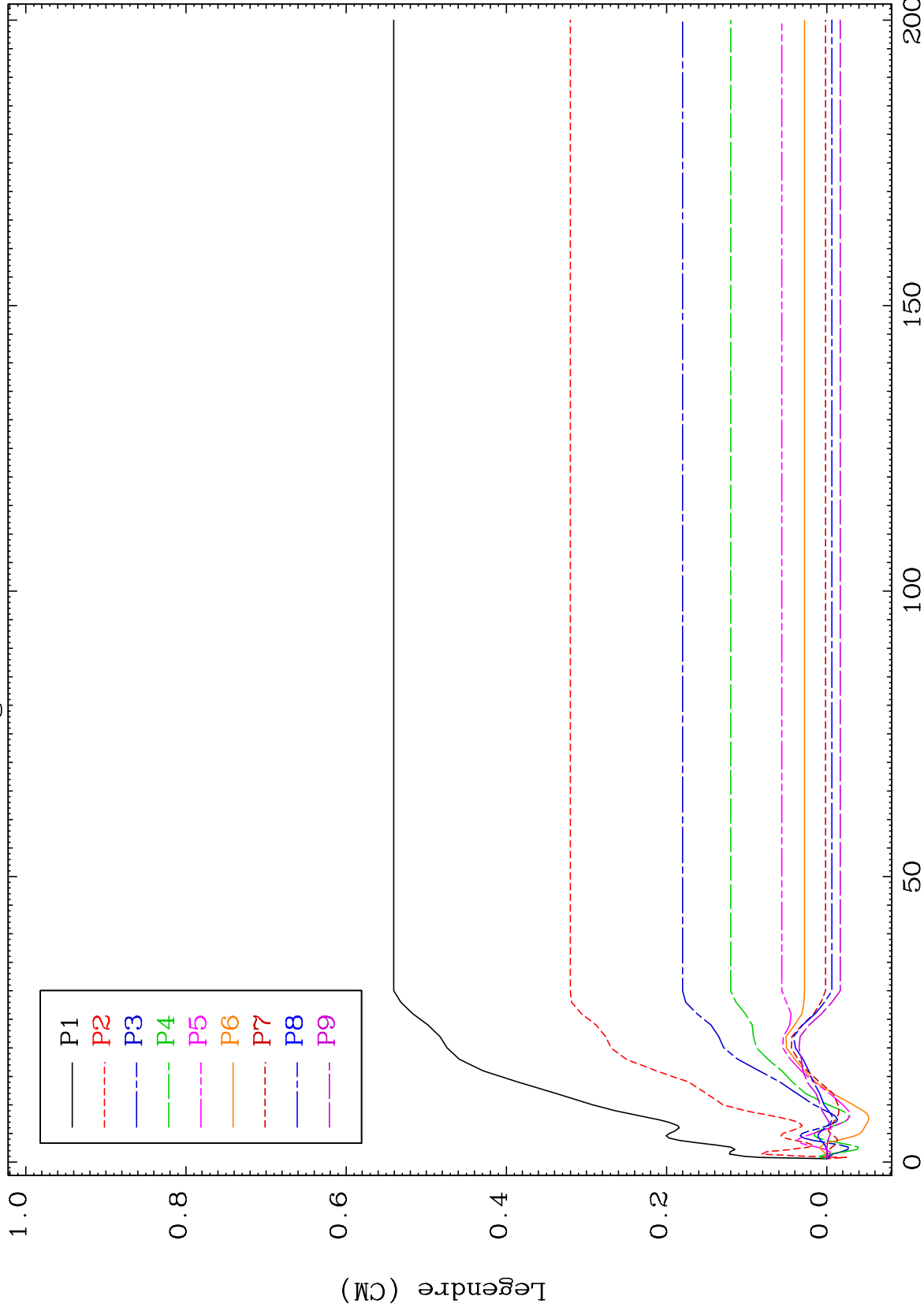
Incident Energy (MeV)

35

MAT 7471

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

75-Re-167



36

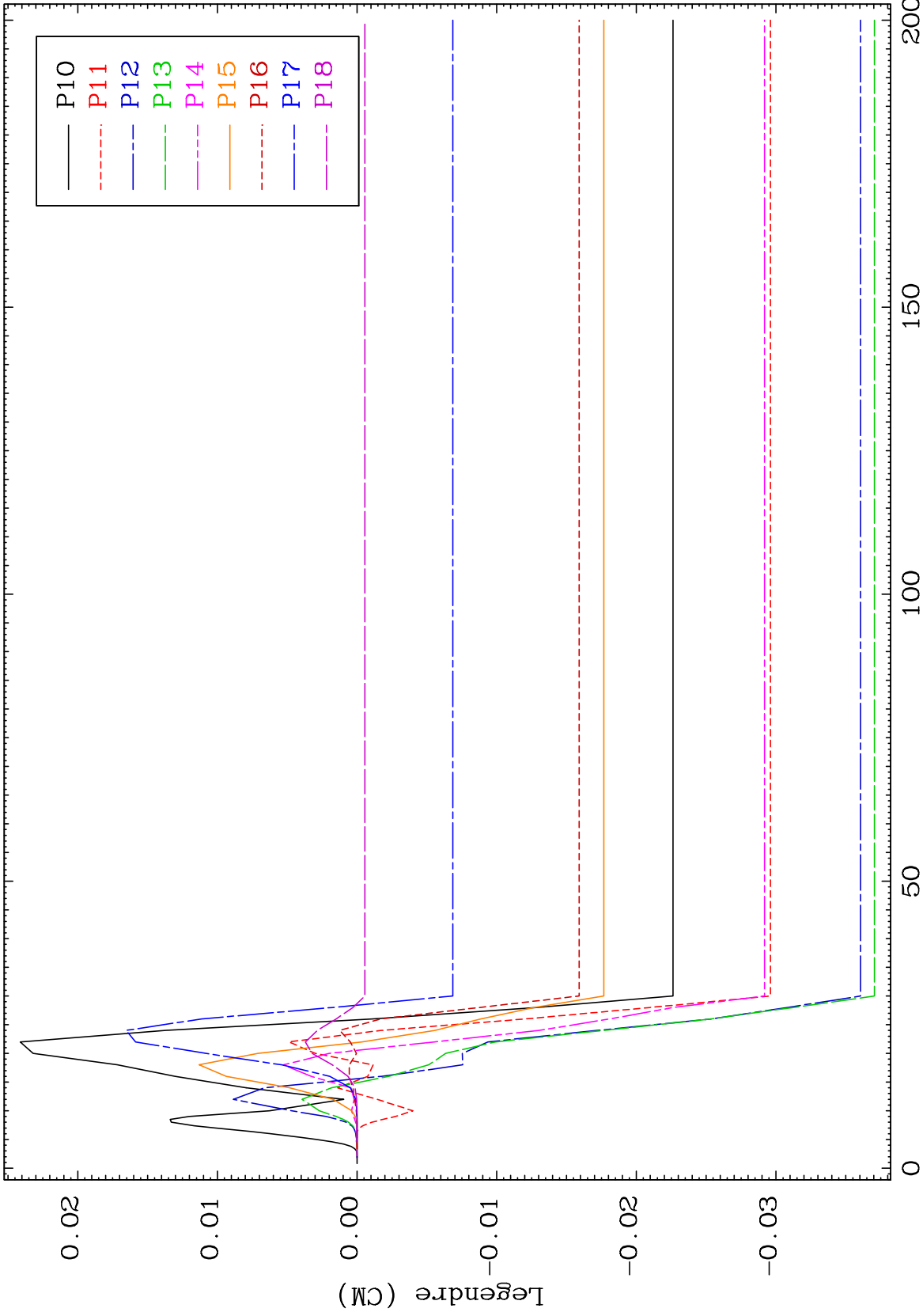
Incident Energy (MeV)

75-Re-167

MAT 7471

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

75-Re-167



37

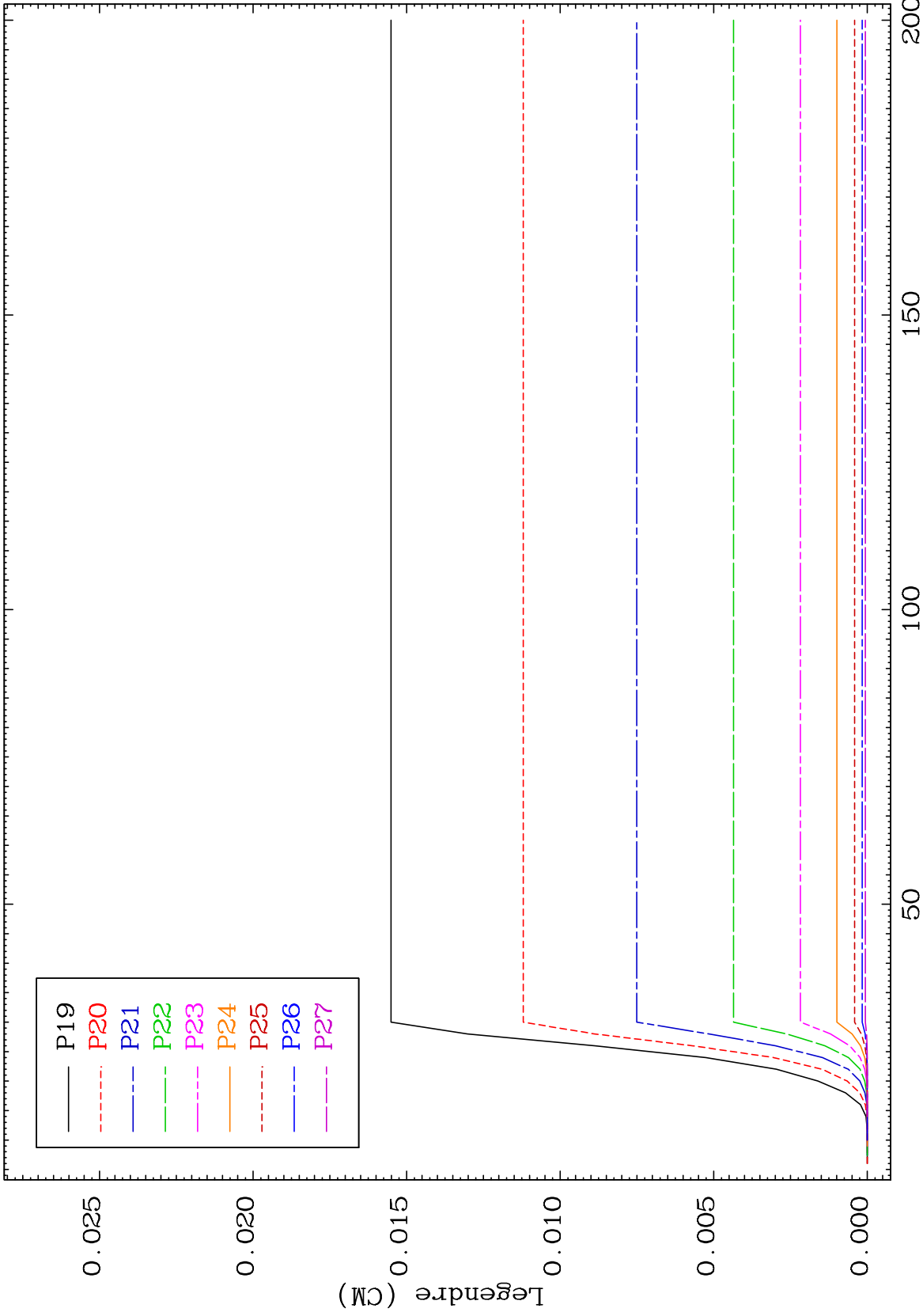
Incident Energy (MeV)

75-Re-167

MAT 7471

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

75-Re-167



38

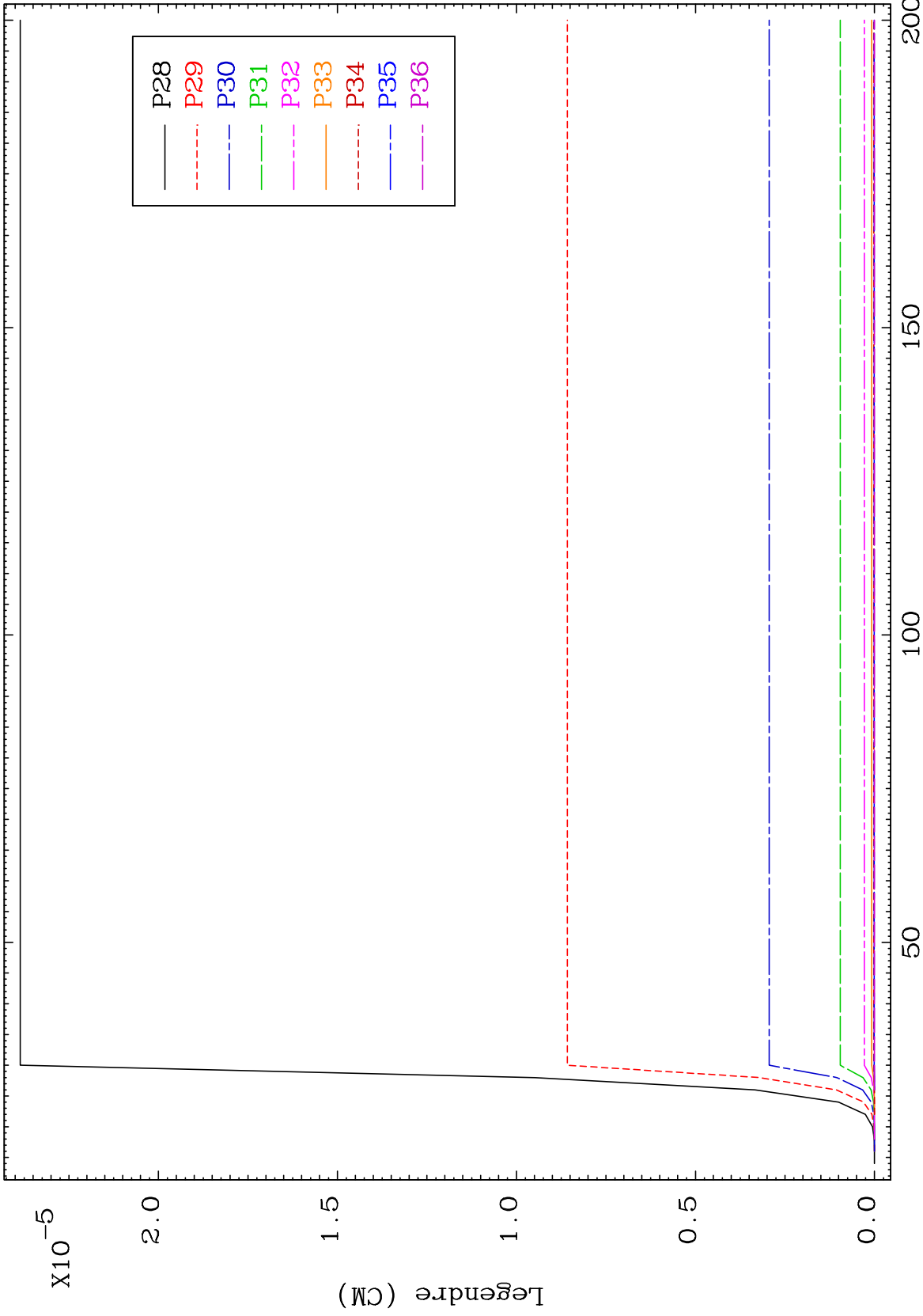
Incident Energy (MeV)

75-Re-167

MAT 7471

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

75-Re-167



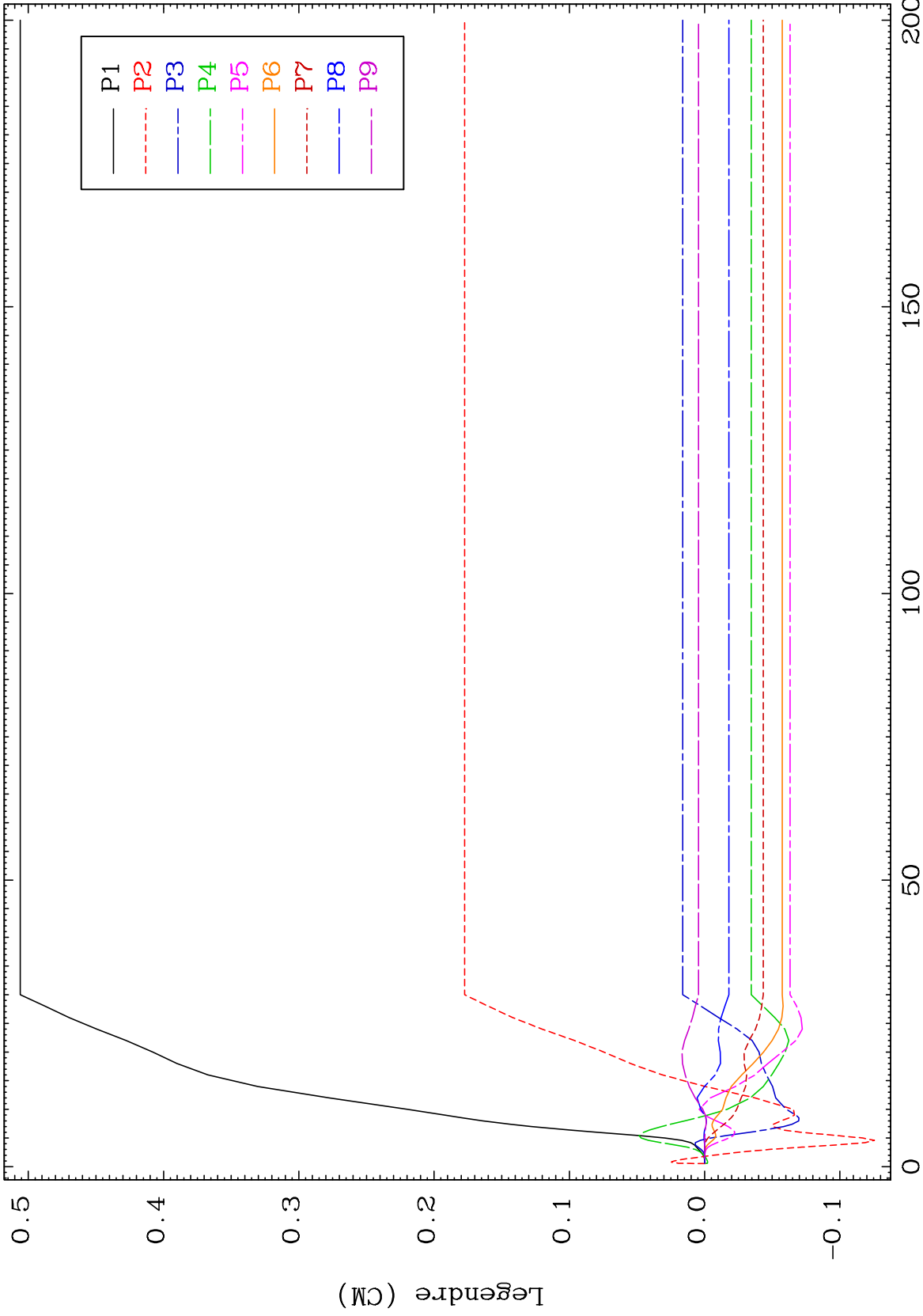
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75-Re-167

MAT 7471

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

75-Re-167



75-Re-167

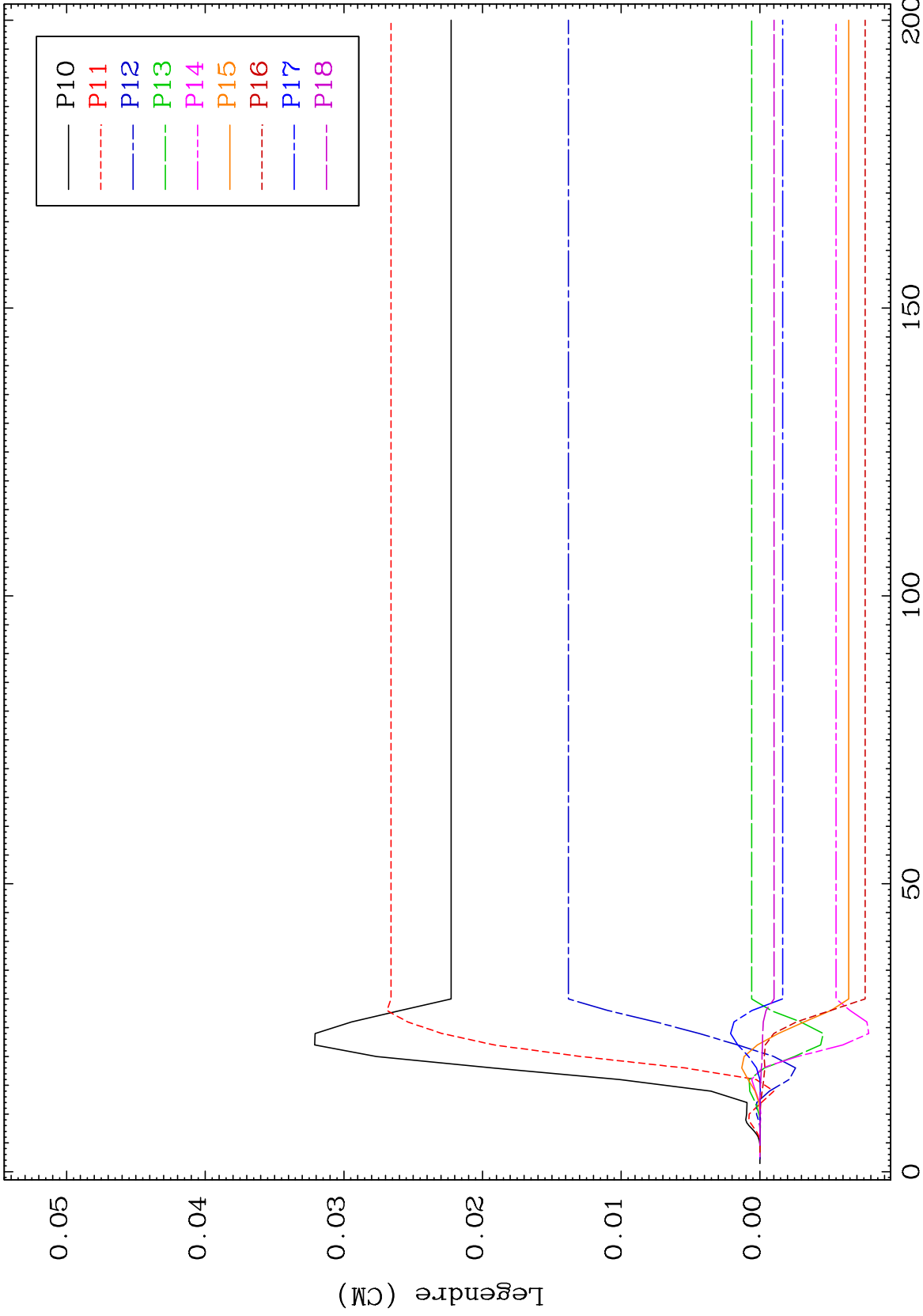
Incident Energy (MeV)

40

MAT 7471

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

75-Re-167



41

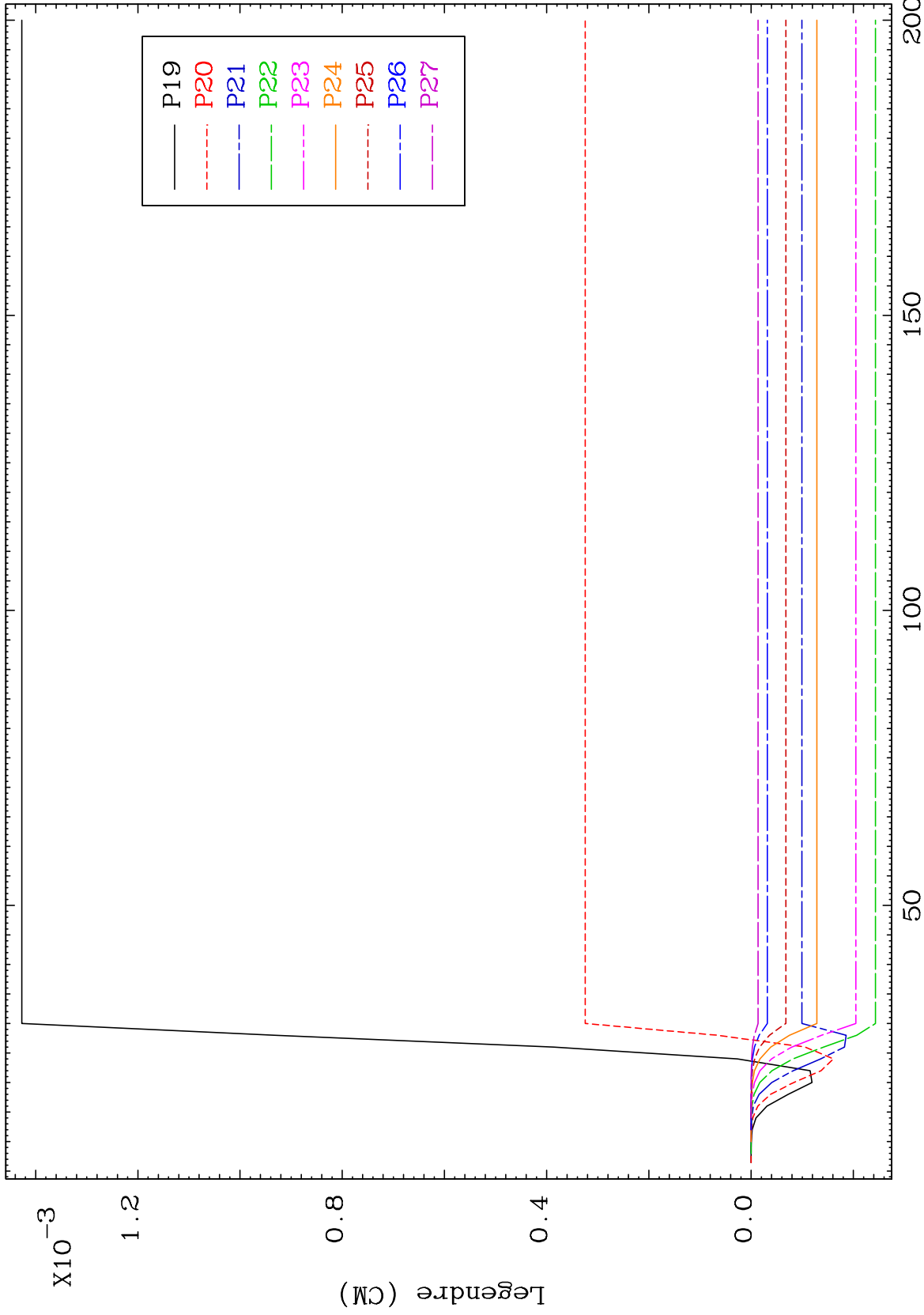
Incident Energy (MeV)

75-Re-167

MAT 7471

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

75-Re-167



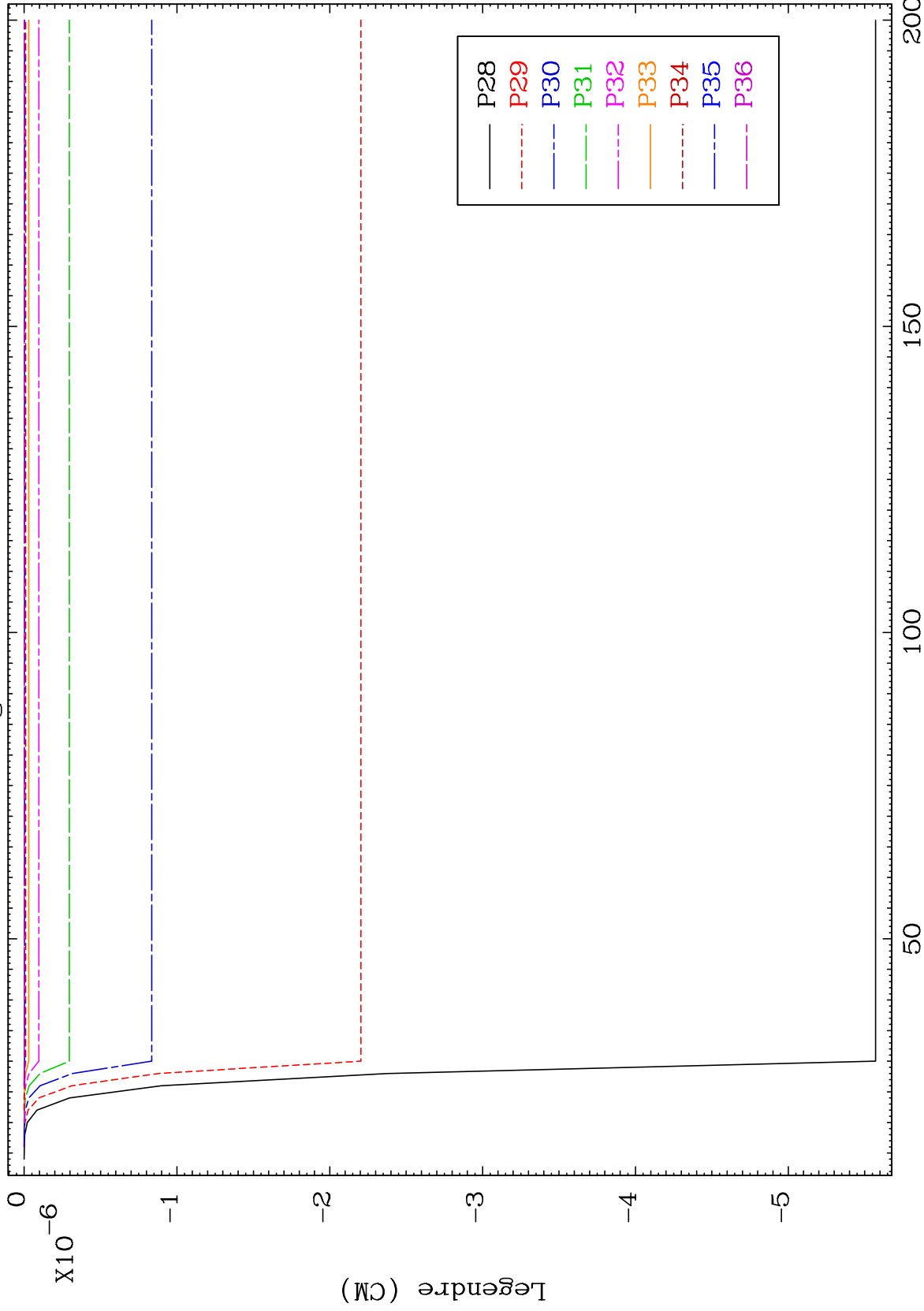
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75-Re-167

MAT 7471

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

75-Re-167



75-Re-167

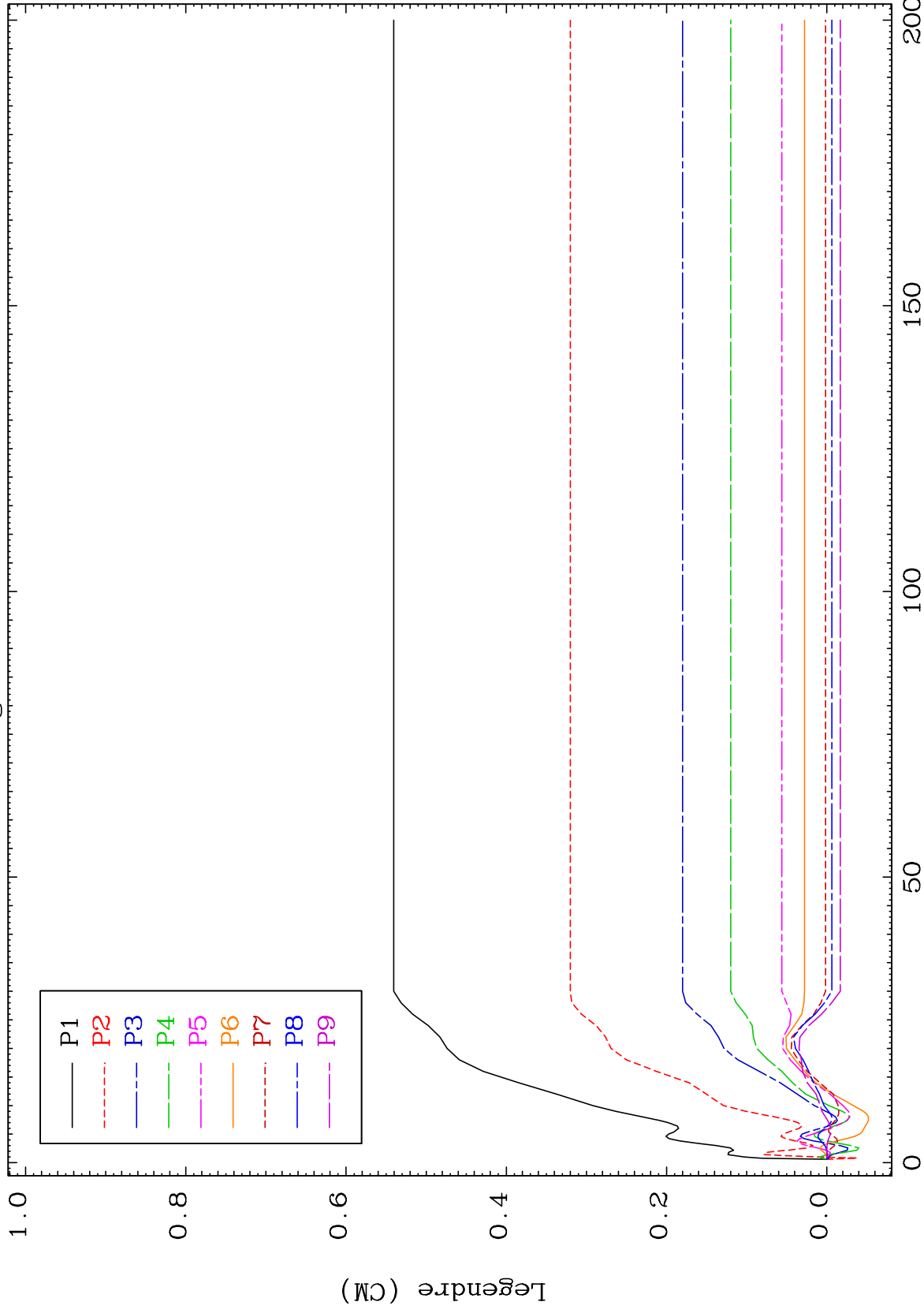
Incident Energy (MeV)

43

MAT 7471

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

75-Re-167



44

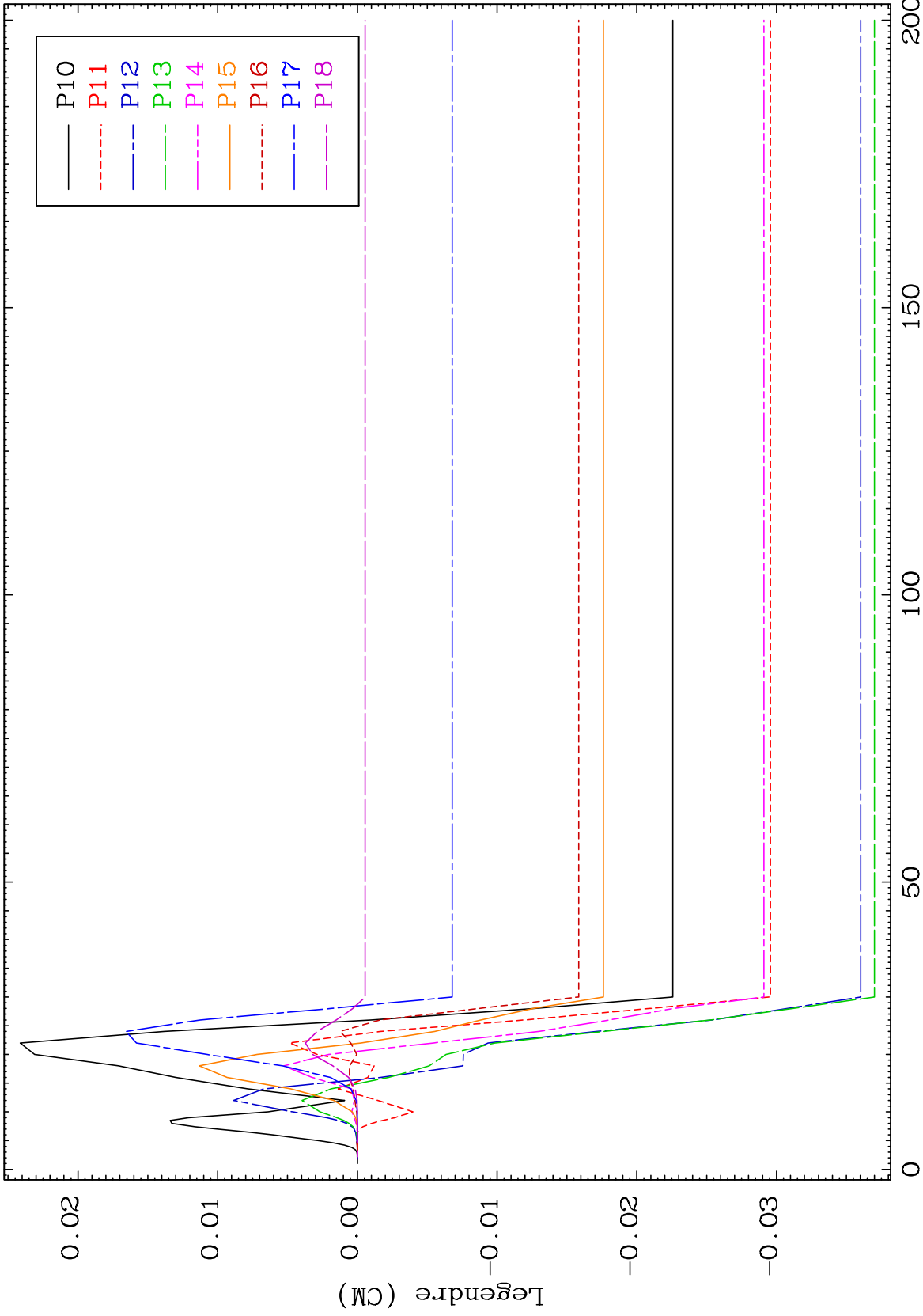
Incident Energy (MeV)

75-Re-167

MAT 7471

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

75-Re-167



45

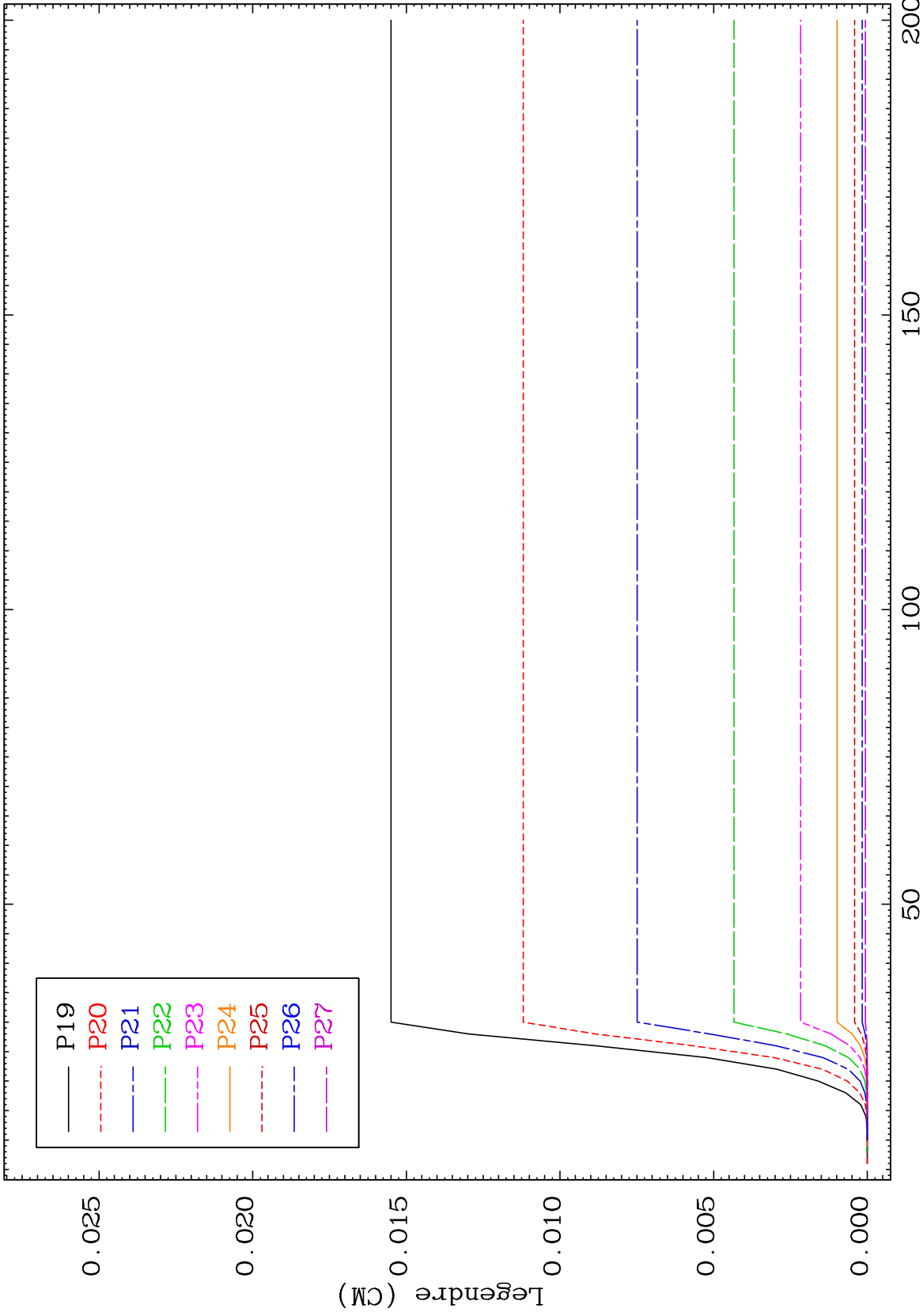
Incident Energy (MeV)

75-Re-167

MAT 7471

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

75-Re-167



46

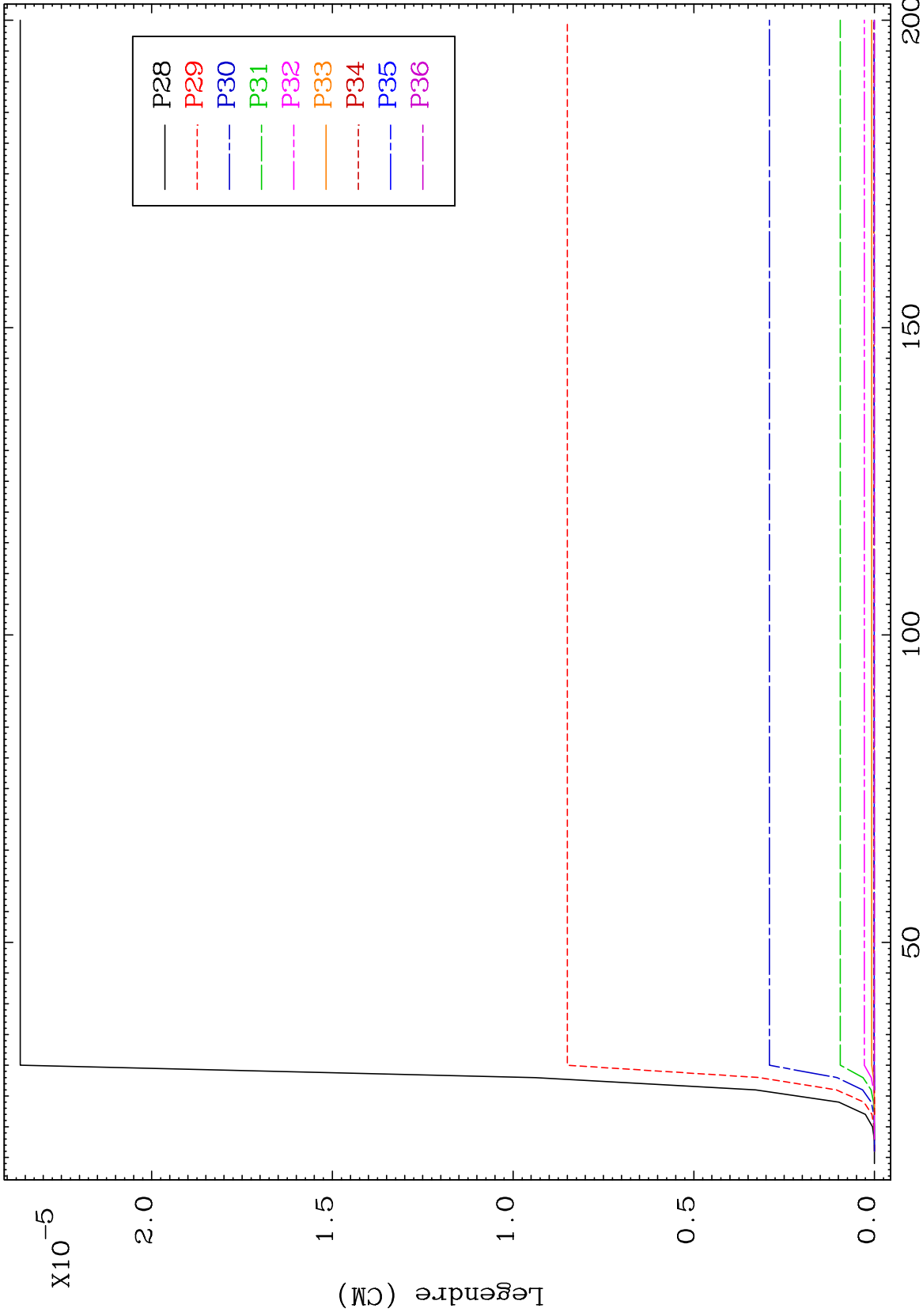
Incident Energy (MeV)

75-Re-167

MAT 7471

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

75-Re-167



47

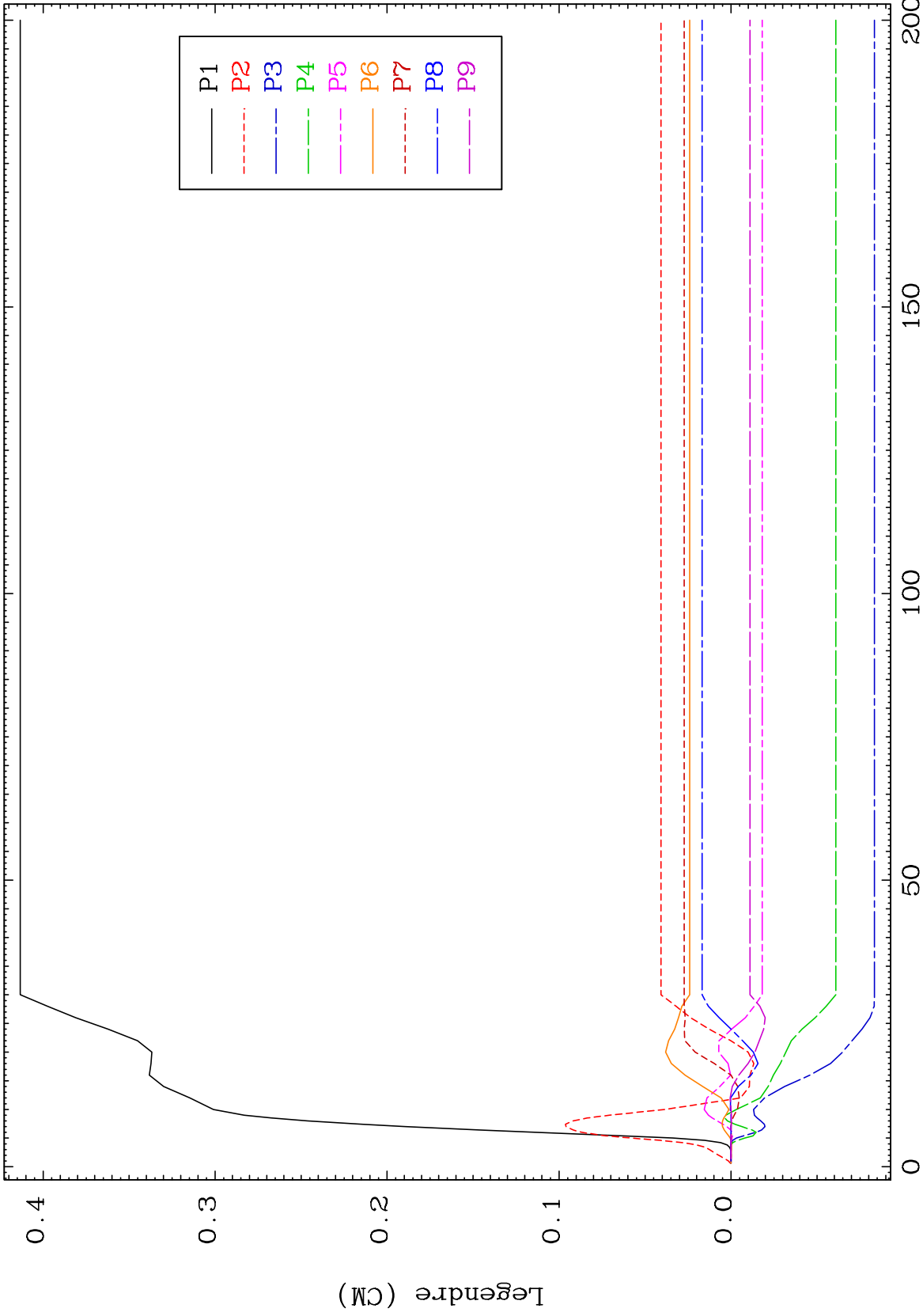
Incident Energy (MeV)

75-Re-167

MAT 7471

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

75-Re-167



48

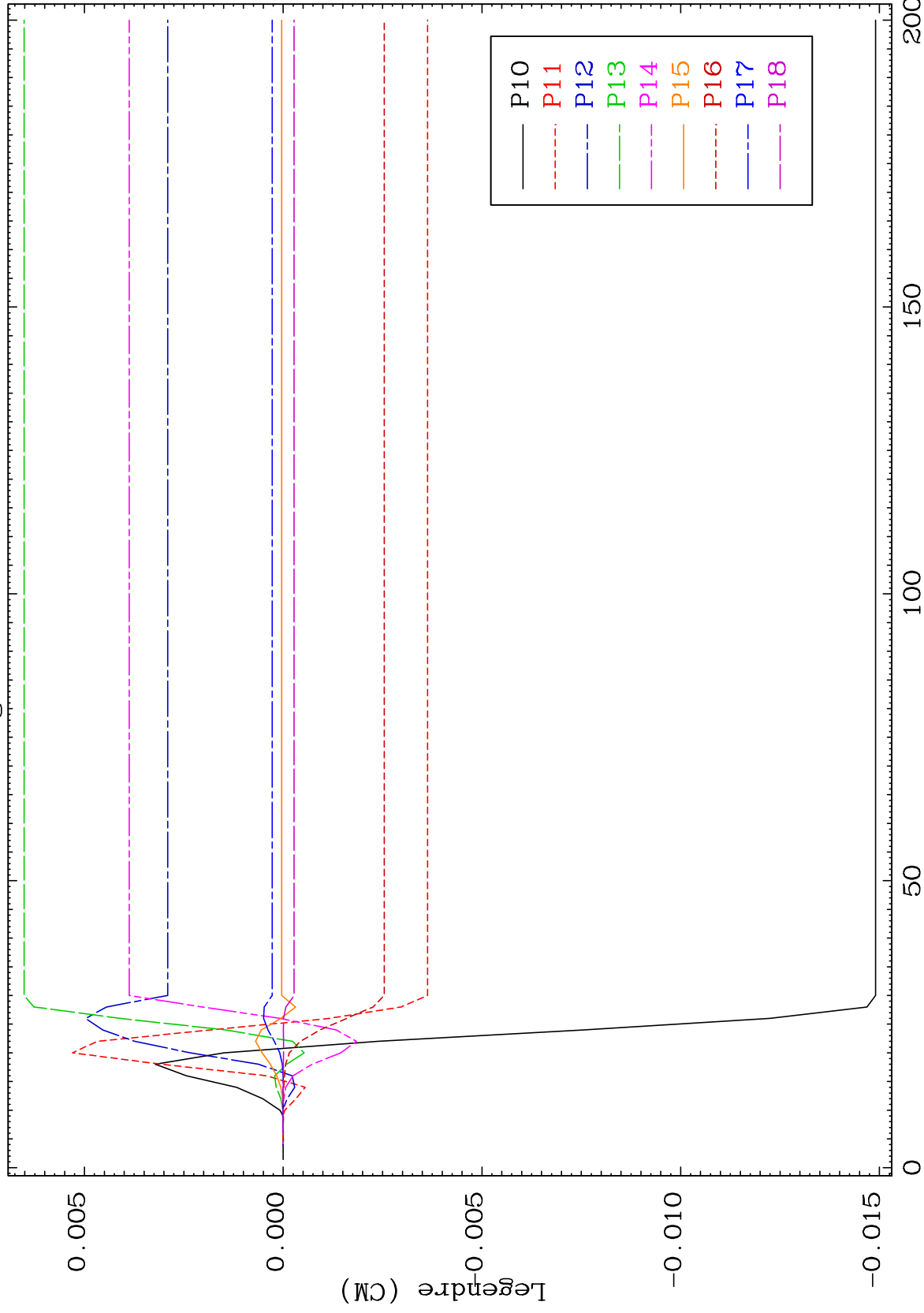
Incident Energy (MeV)

75-Re-167

MAT 7471

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

75-Re-167



49

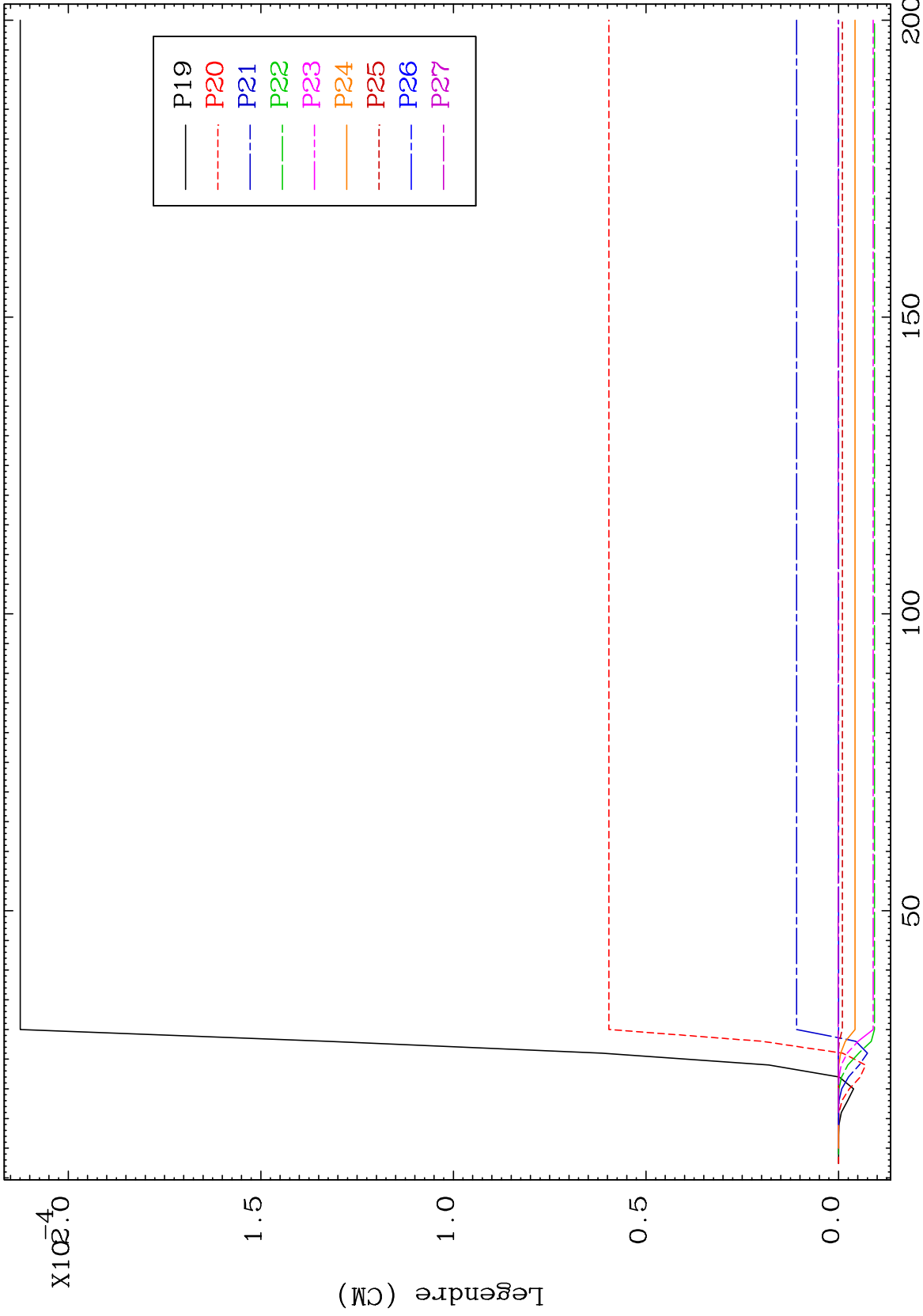
Incident Energy (MeV)

75-Re-167

MAT 7471

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

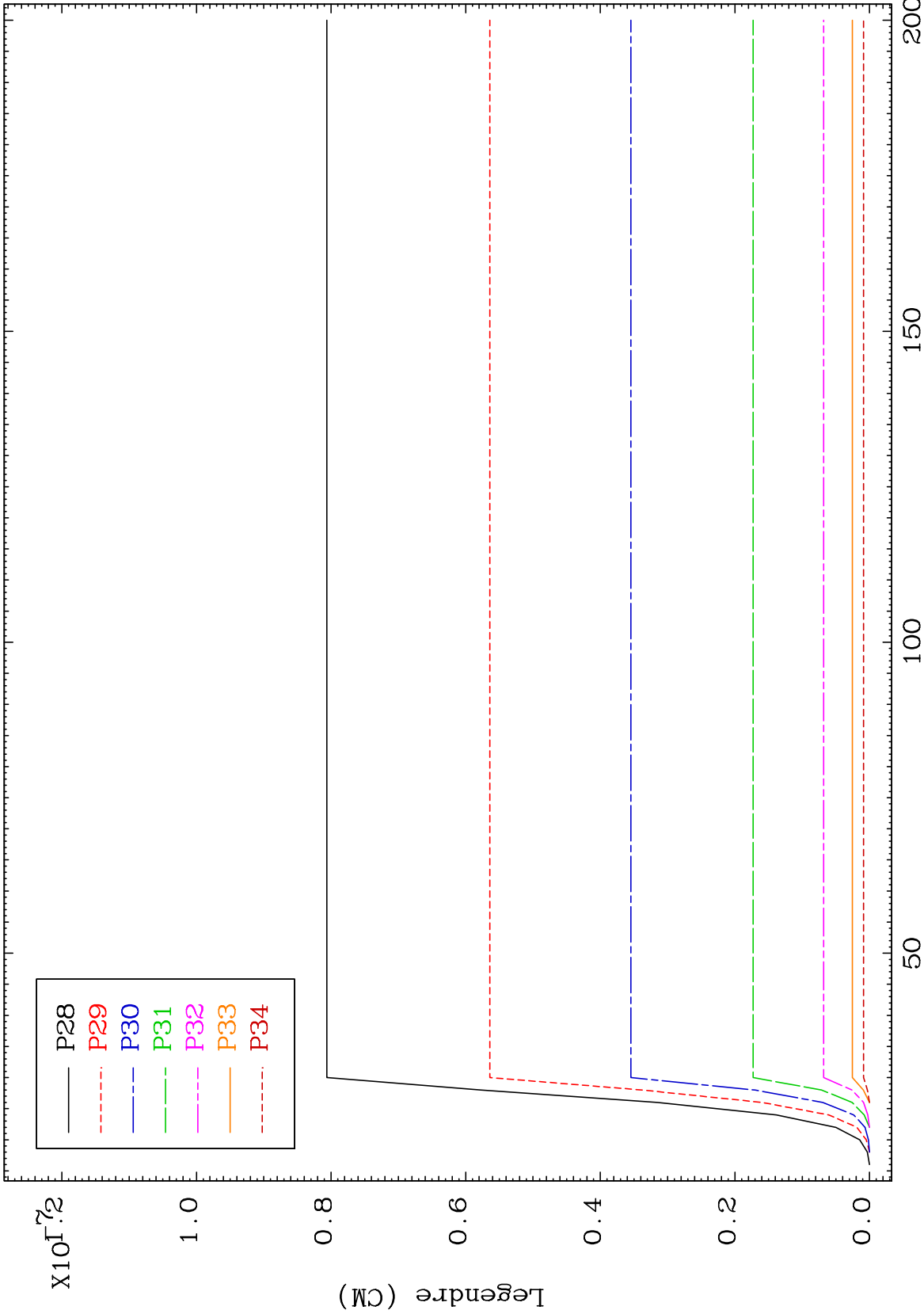
75-Re-167



50

Incident Energy (MeV)

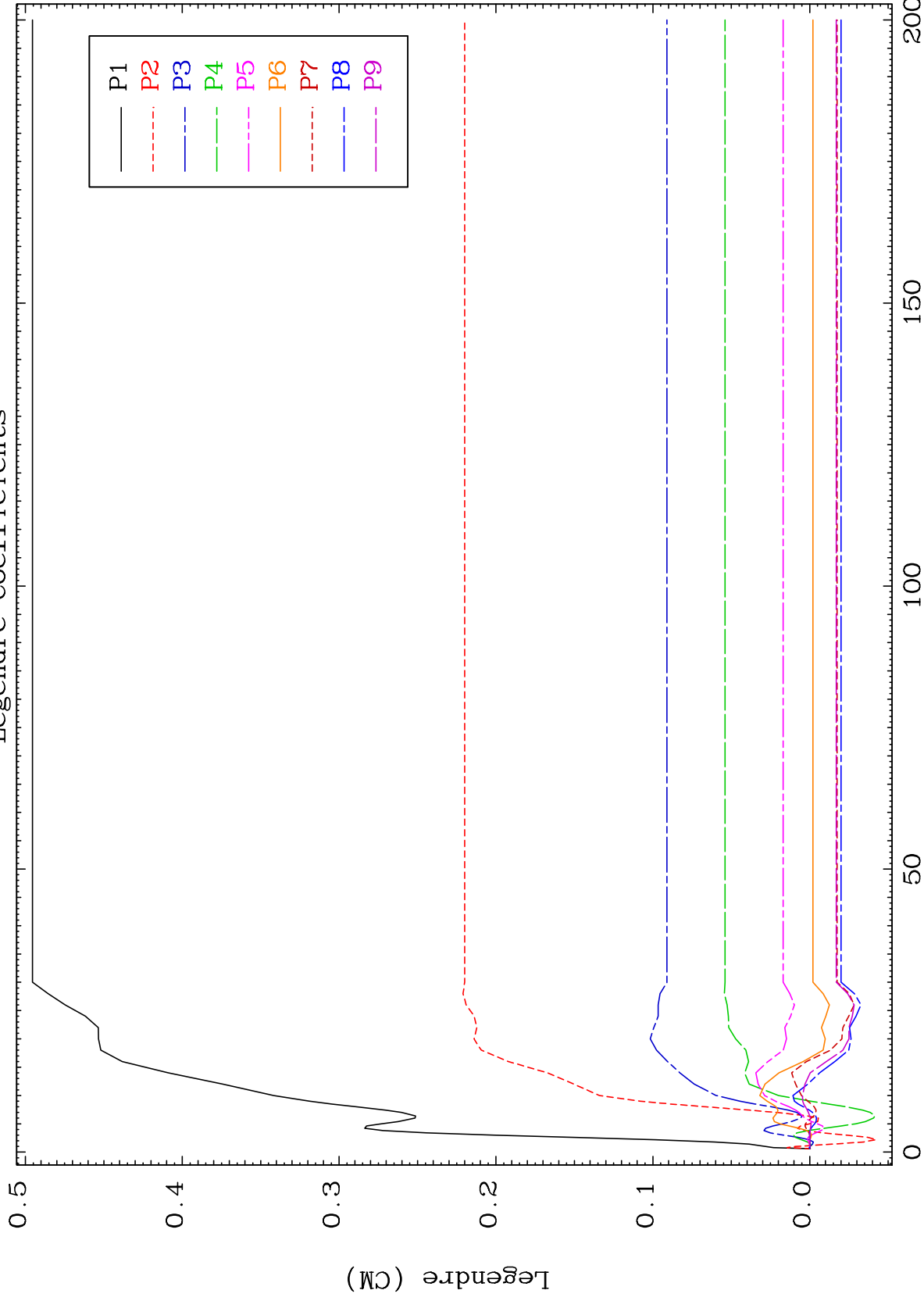
75-Re-167



MAT 7471

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

75-Re-167



52

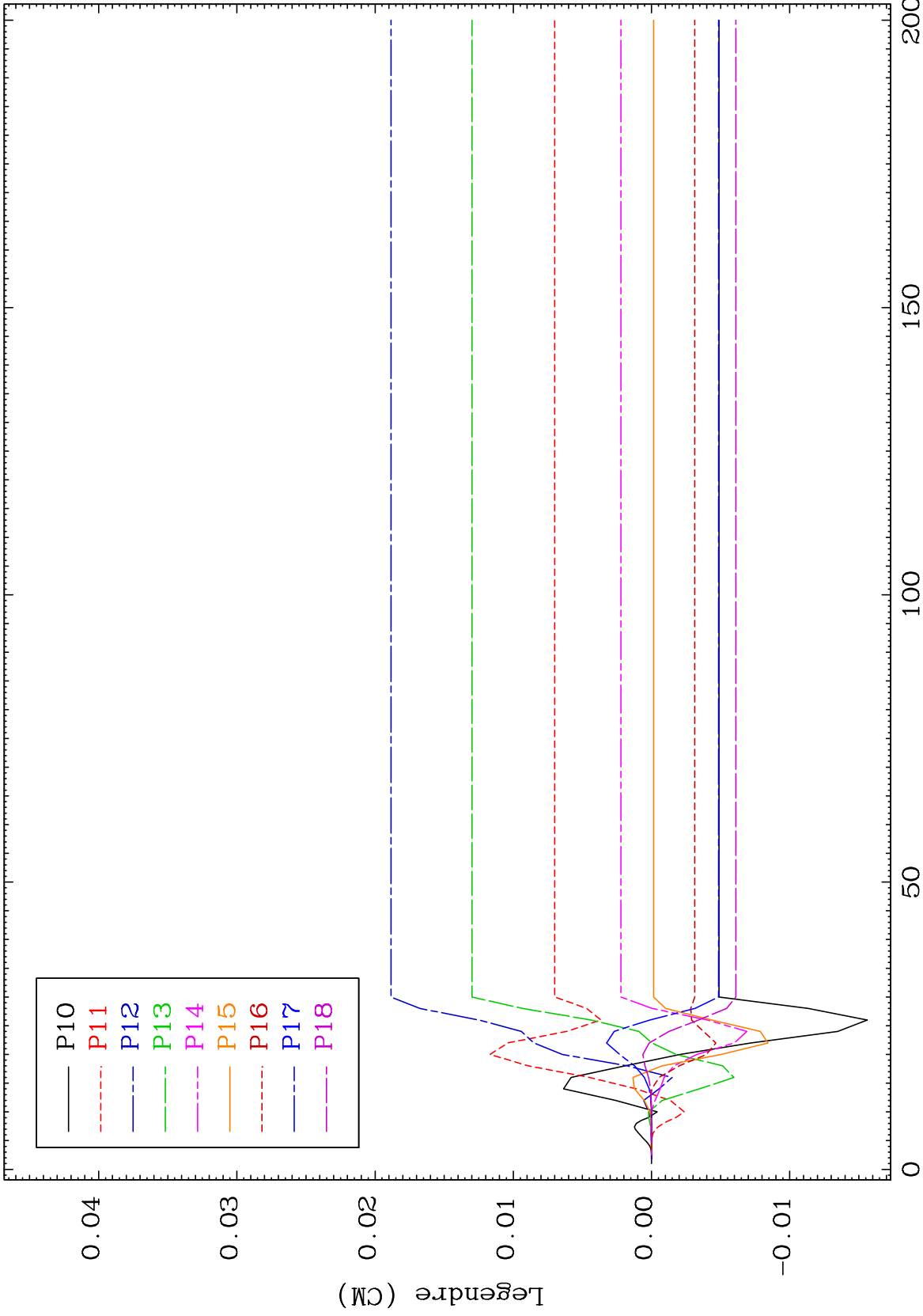
Incident Energy (MeV)

75-Re-167

MAT 7471

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

75-Re-167



53

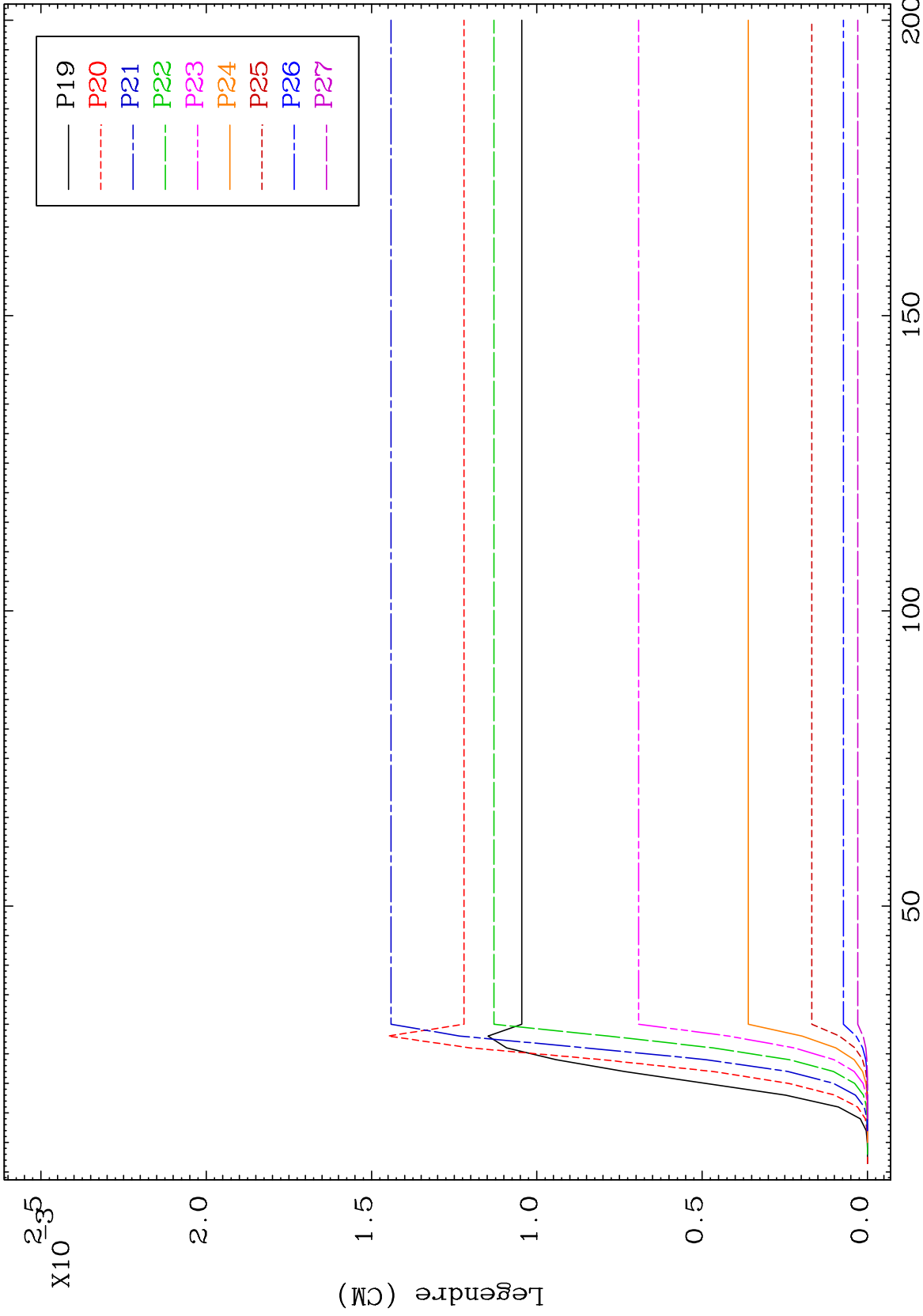
Incident Energy (MeV)

75-Re-167

MAT 7471

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

75-Re-167



54

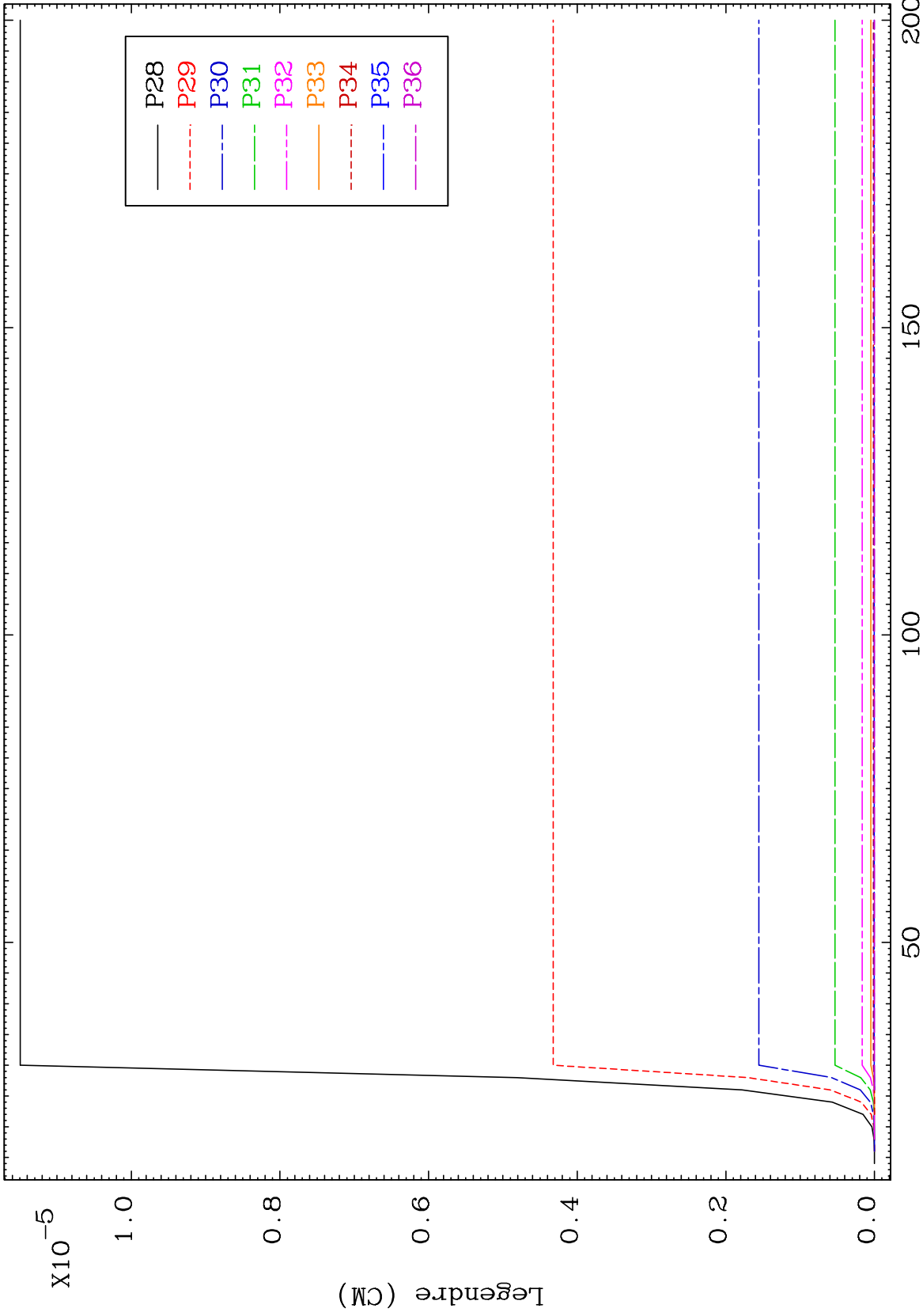
Incident Energy (MeV)

75-Re-167

MAT 7471

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

75-Re-167



55

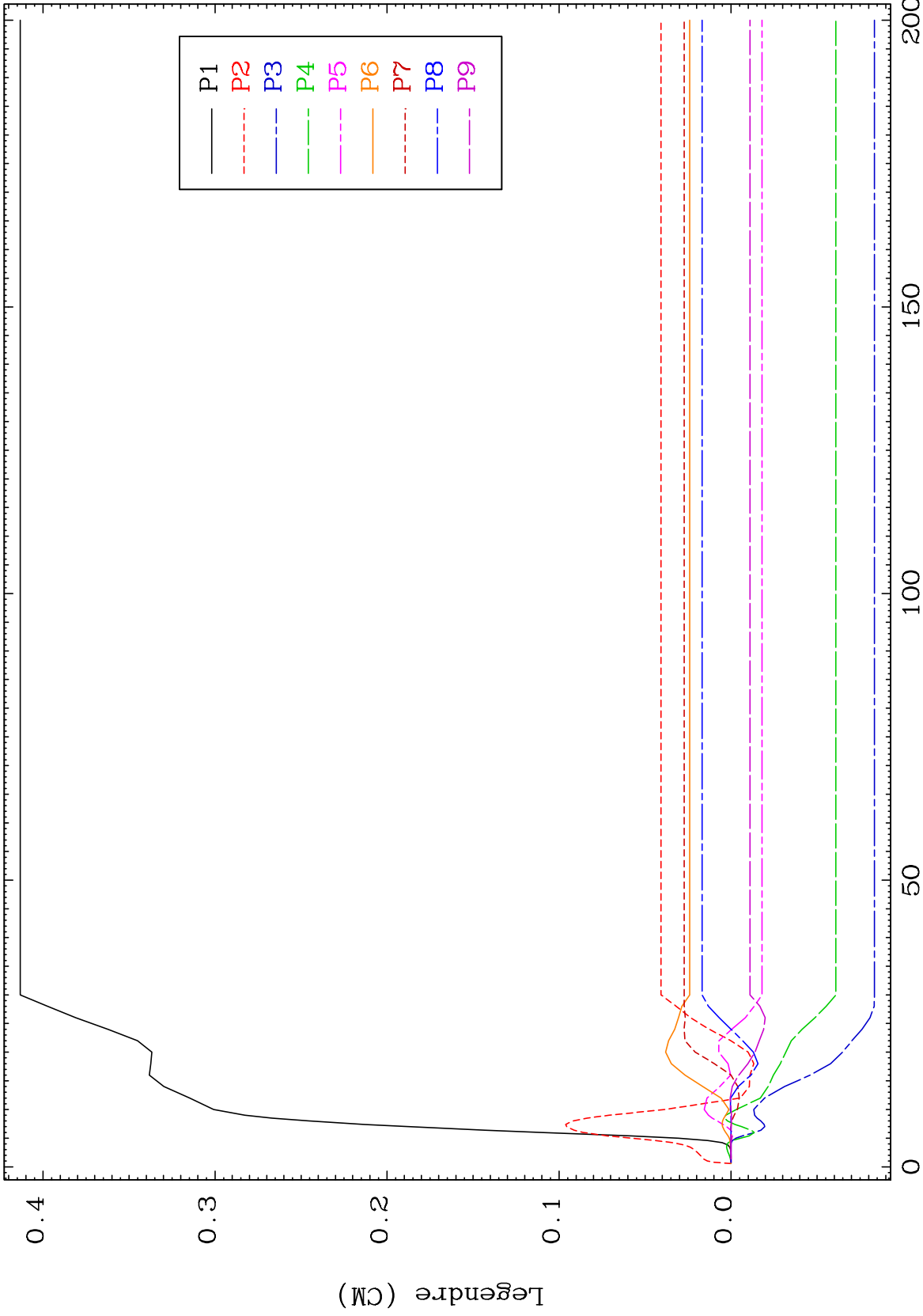
Incident Energy (MeV)

75-Re-167

MAT 7471

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

75-Re-167



56

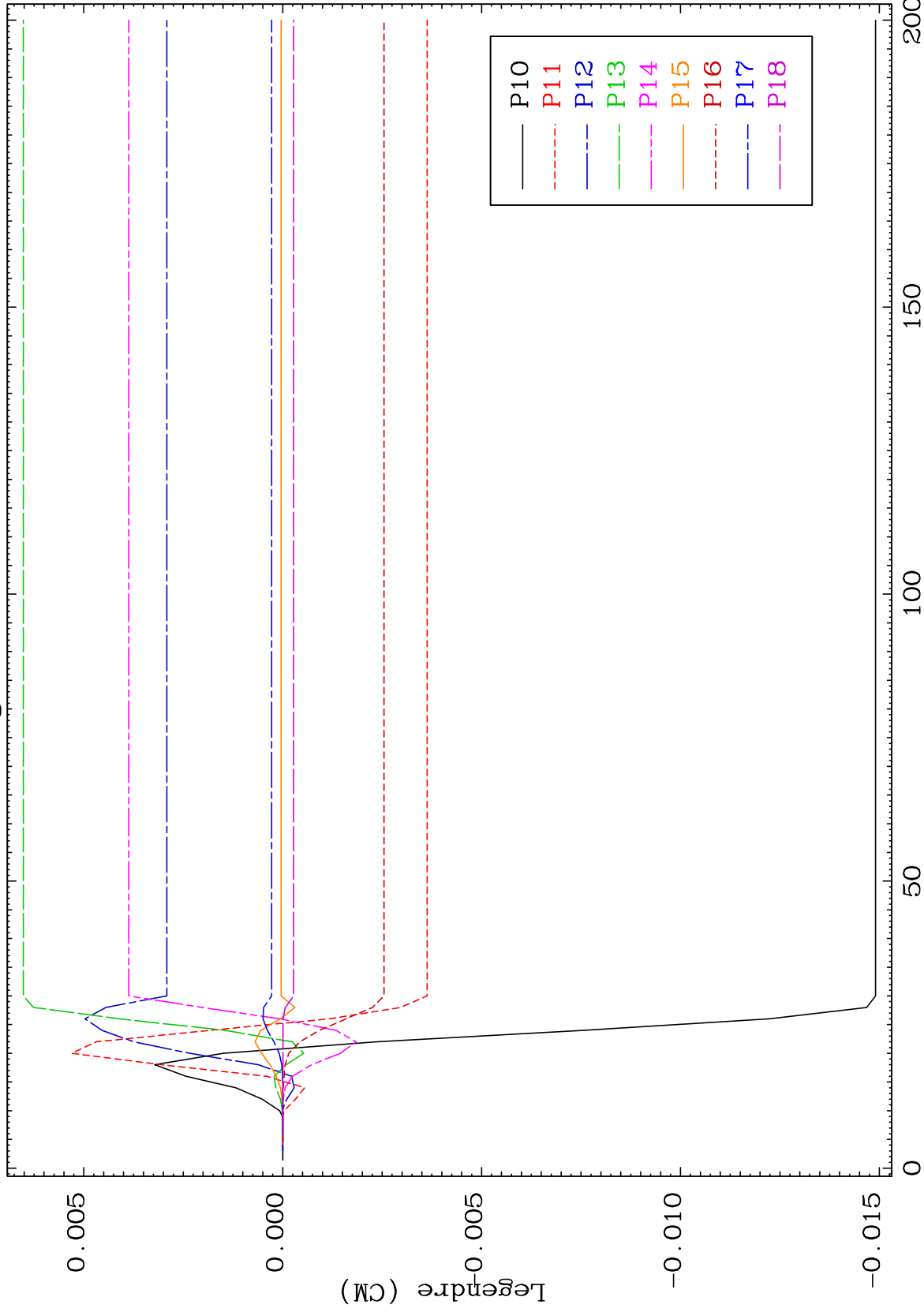
Incident Energy (MeV)

75-Re-167

MAT 7471

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

75-Re-167



57

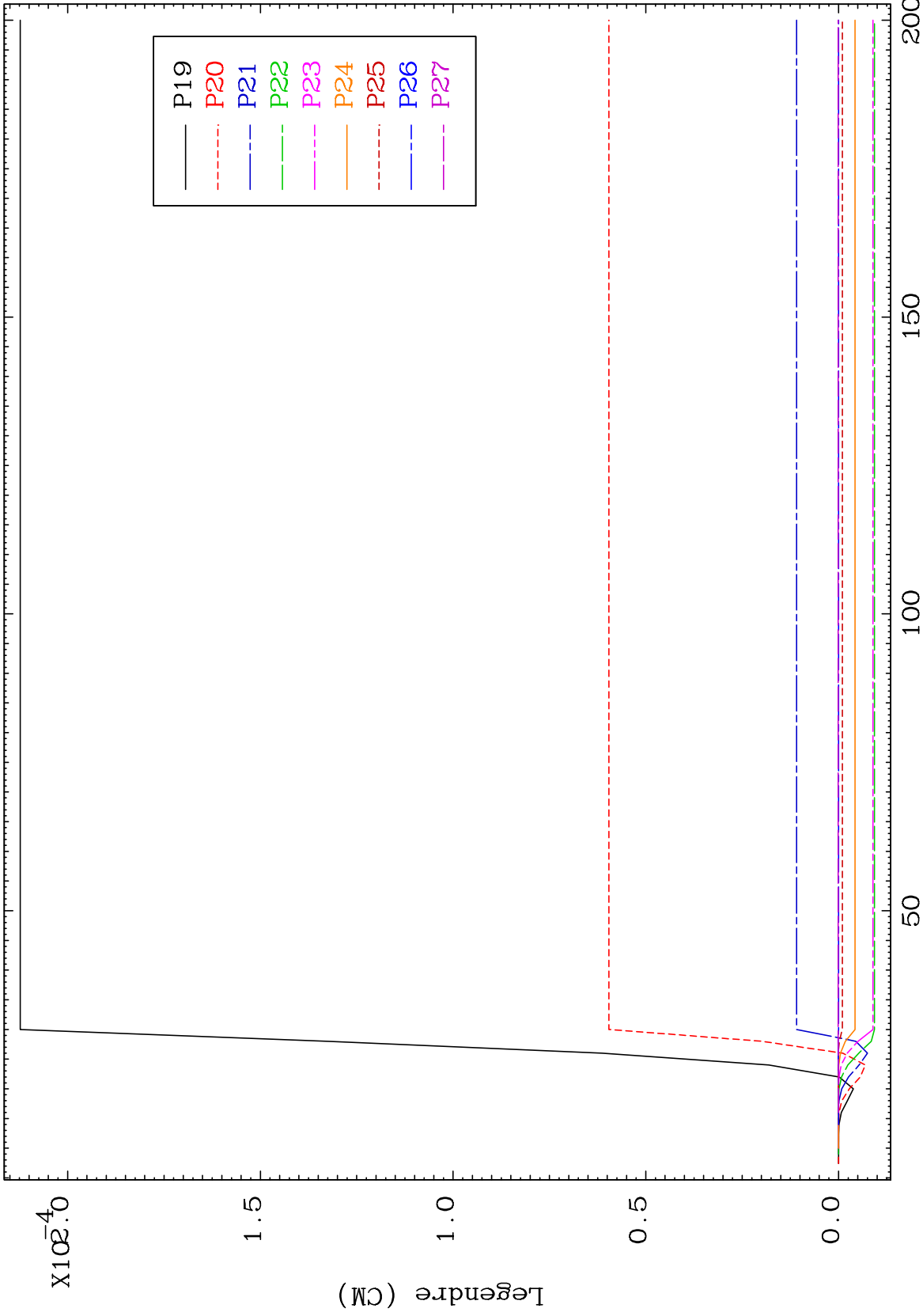
Incident Energy (MeV)

75-Re-167

MAT 7471

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

75-Re-167



58

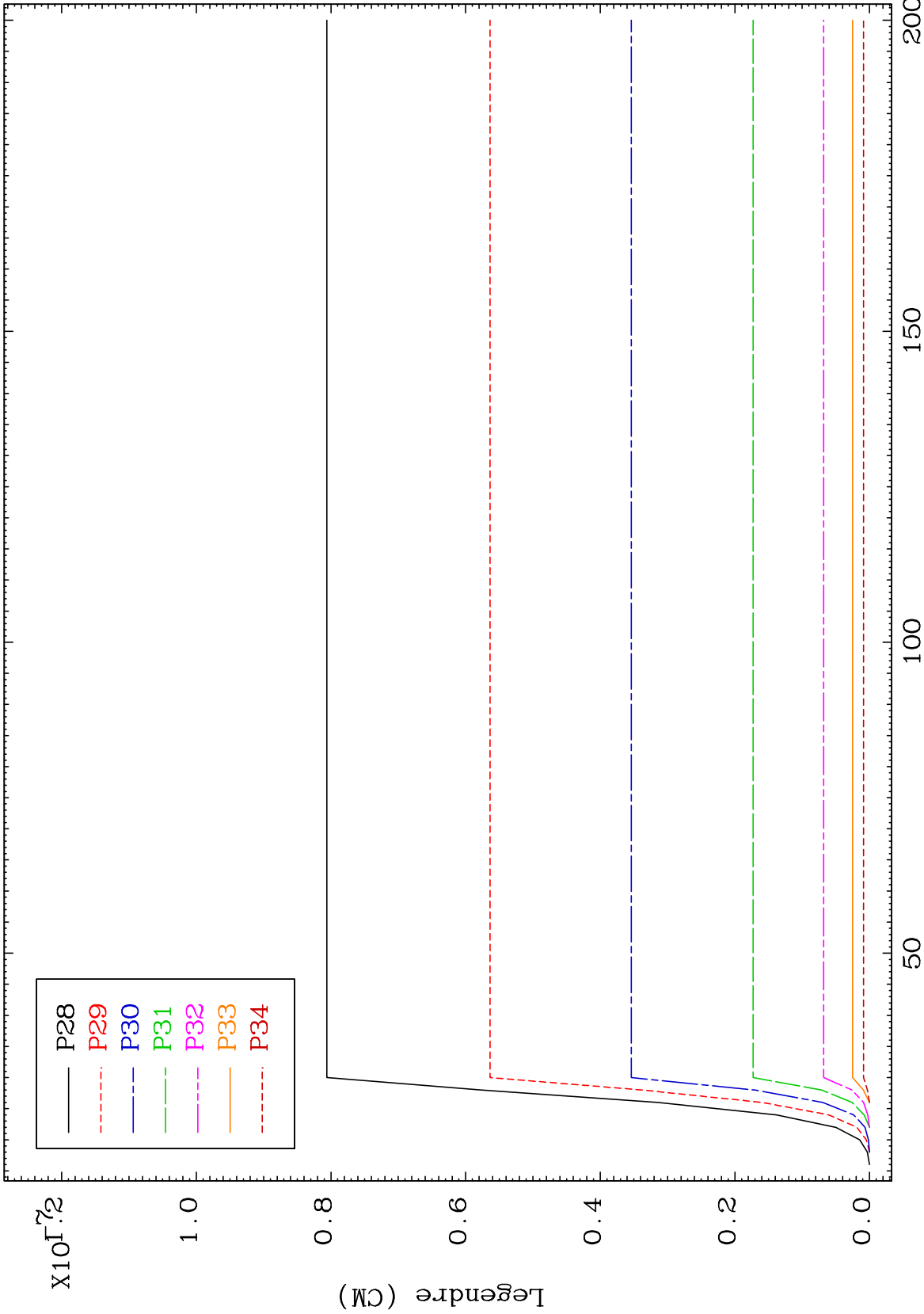
Incident Energy (MeV)

75-Re-167

MAT 7471

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

75-Re-167



59

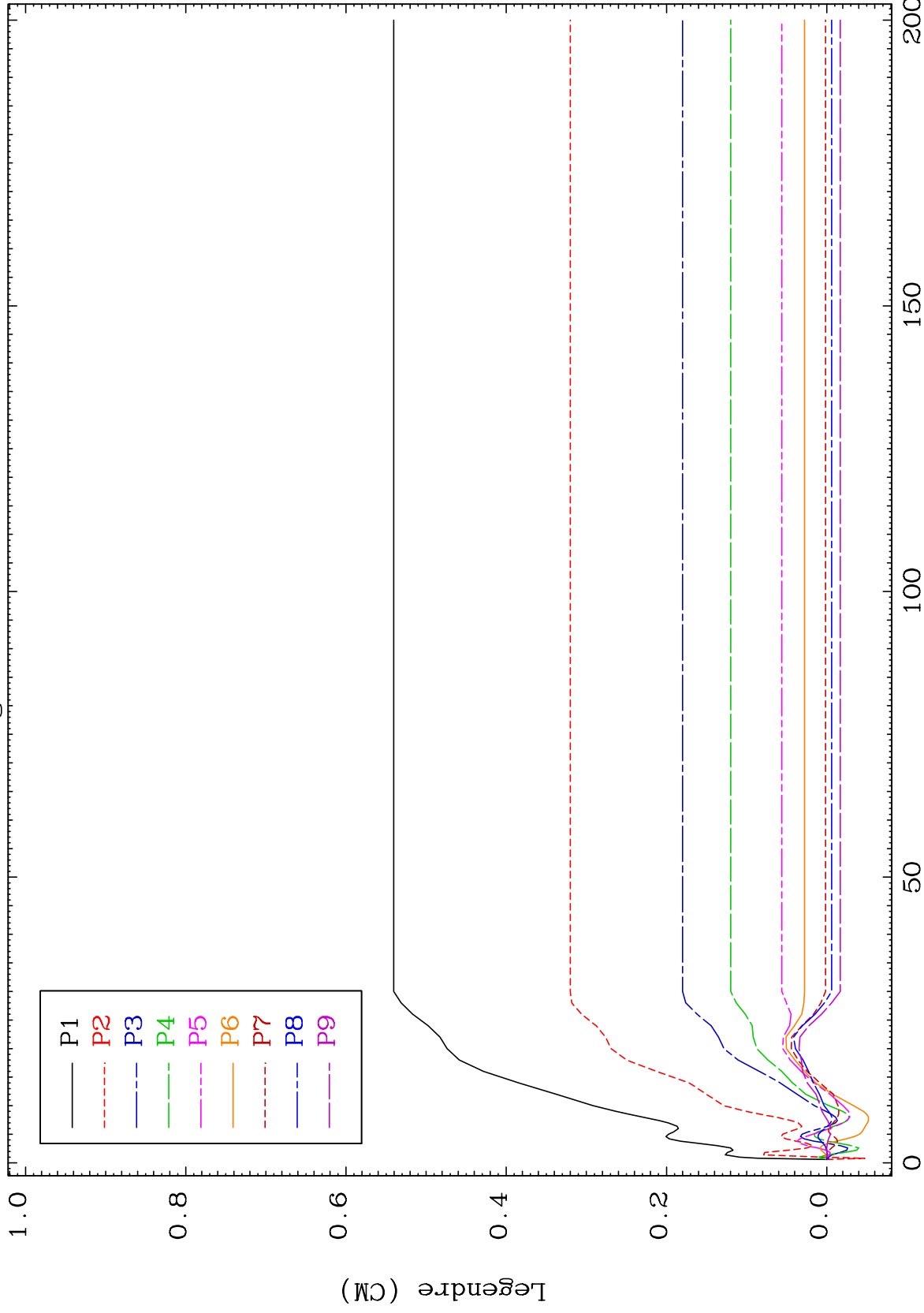
Incident Energy (MeV)

75-Re-167

MAT 7471

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

75-Re-167



0

50

100

150

200

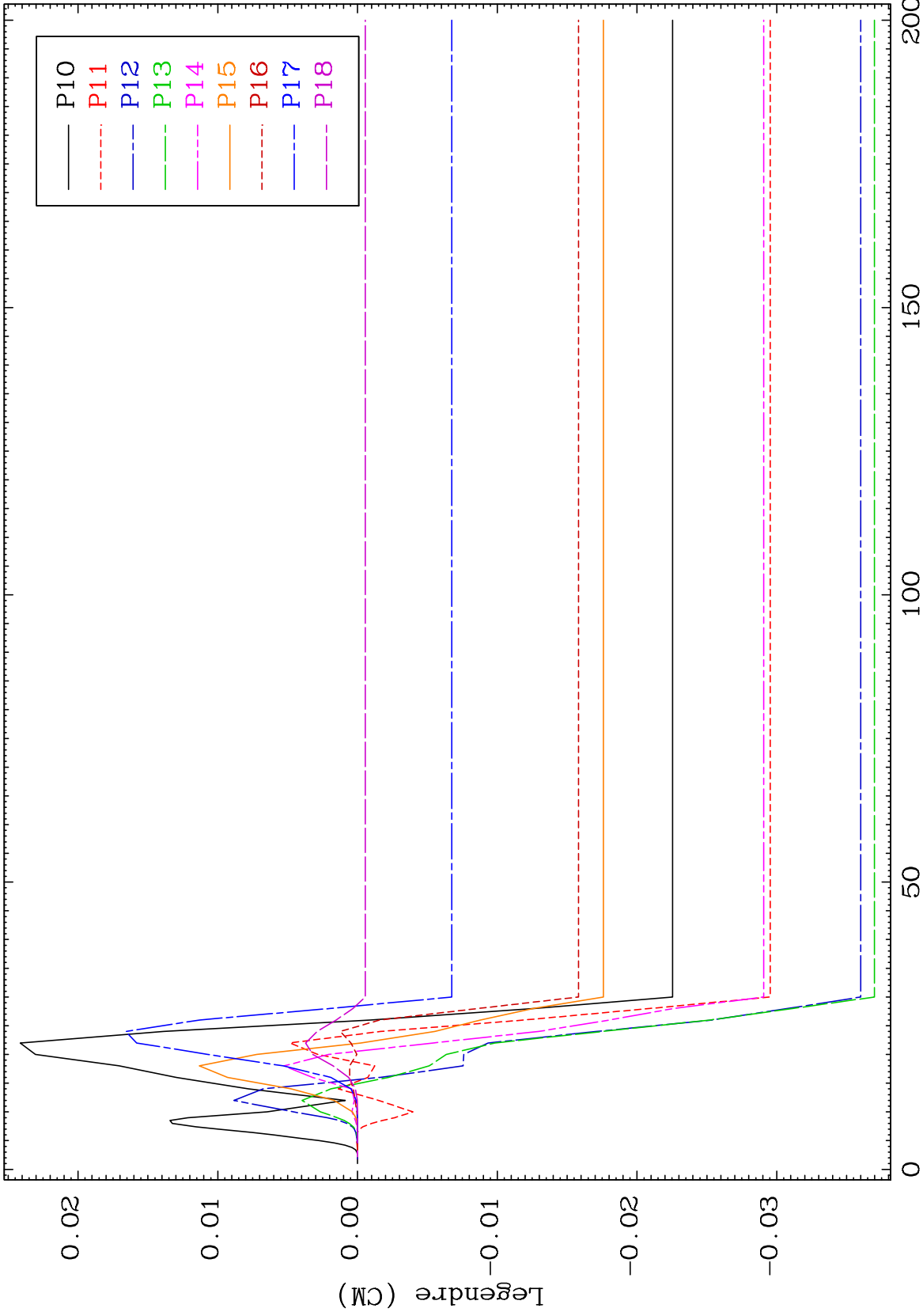
Incident Energy (MeV)

75-Re-167

MAT 7471

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

75-Re-167



61

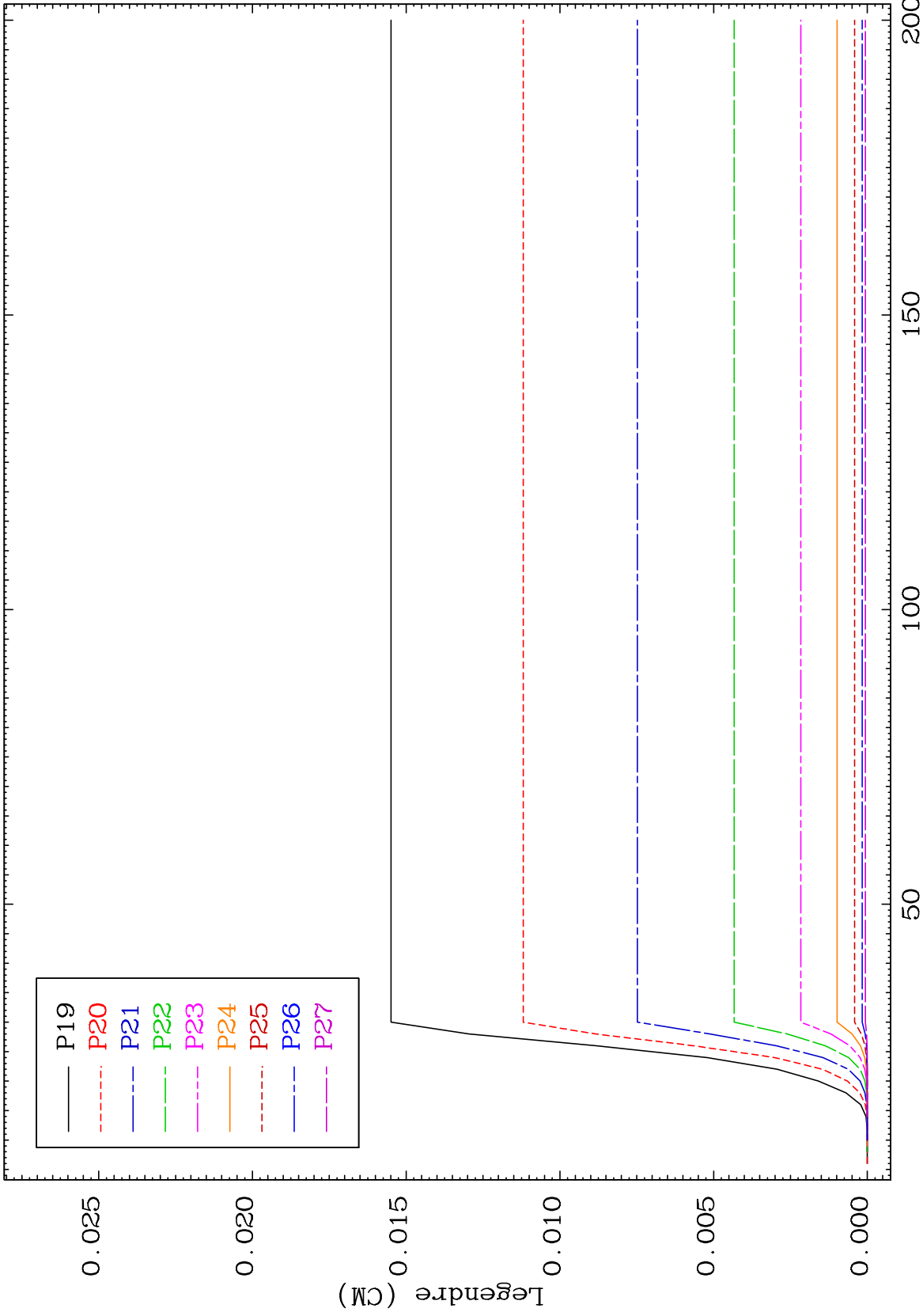
Incident Energy (MeV)

75-Re-167

MAT 7471

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

75-Re-167



62

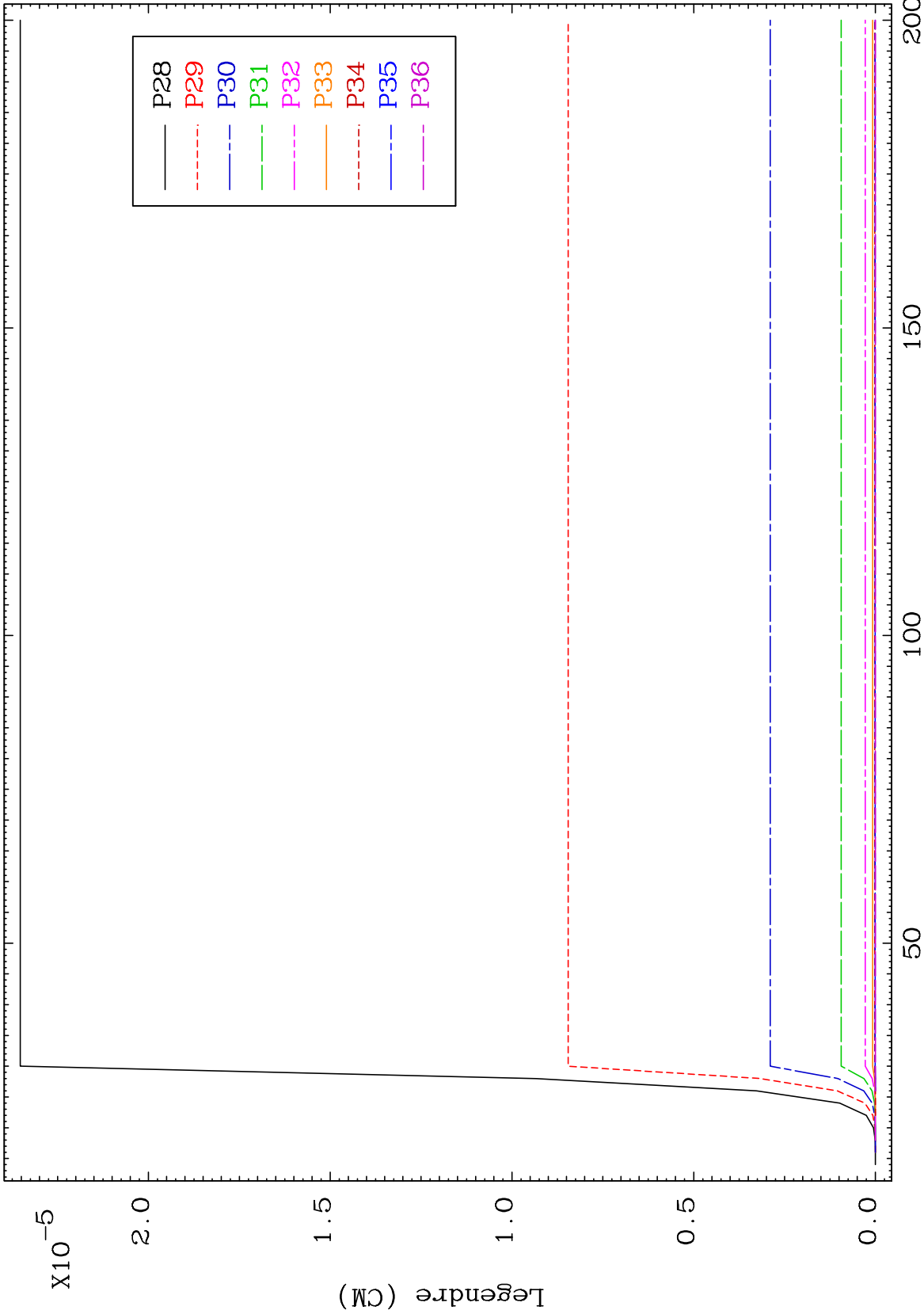
Incident Energy (MeV)

75-Re-167

MAT 7471

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

75-Re-167



63

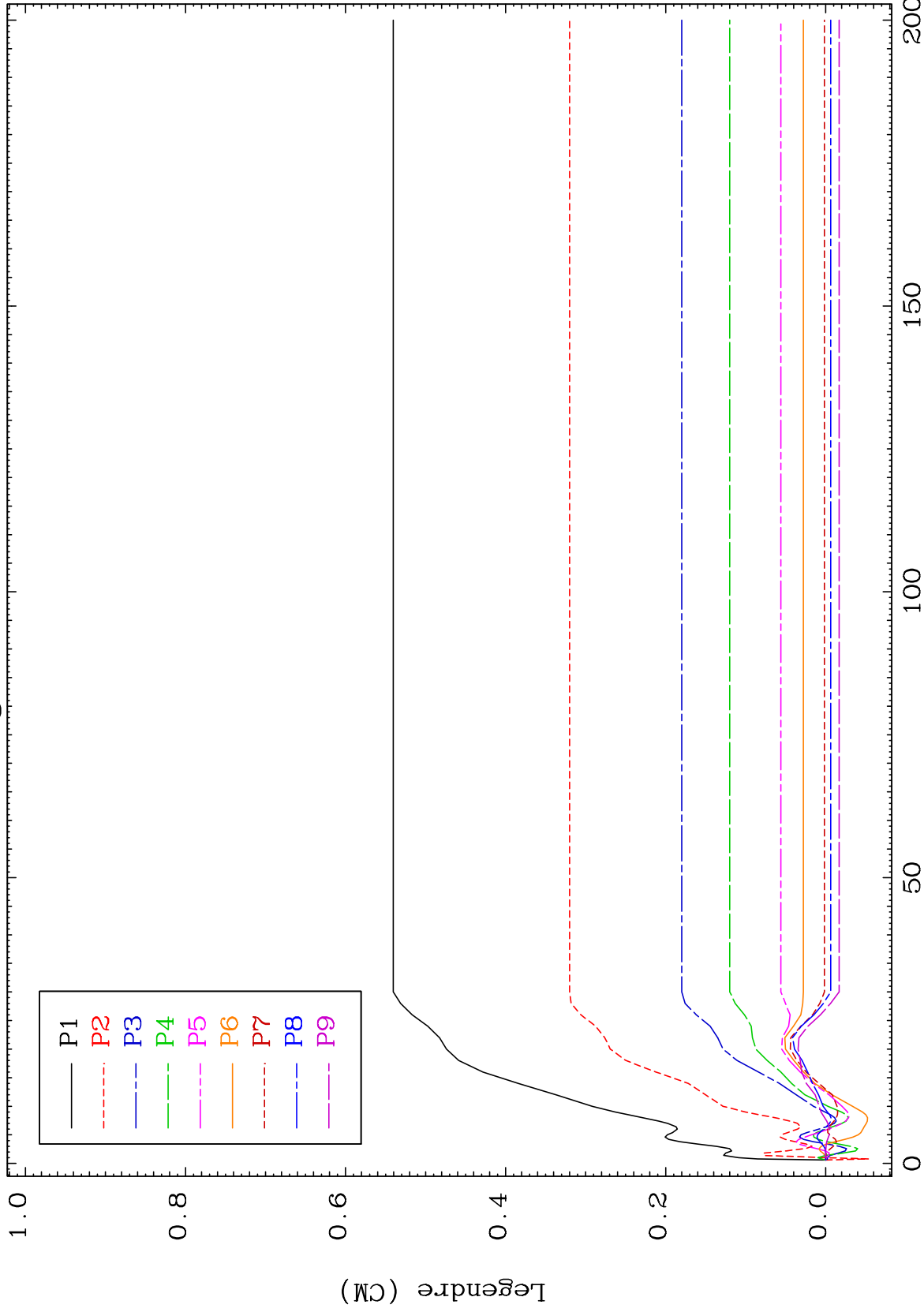
Incident Energy (MeV)

75-Re-167

MAT 7471

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

75-Re-167



64

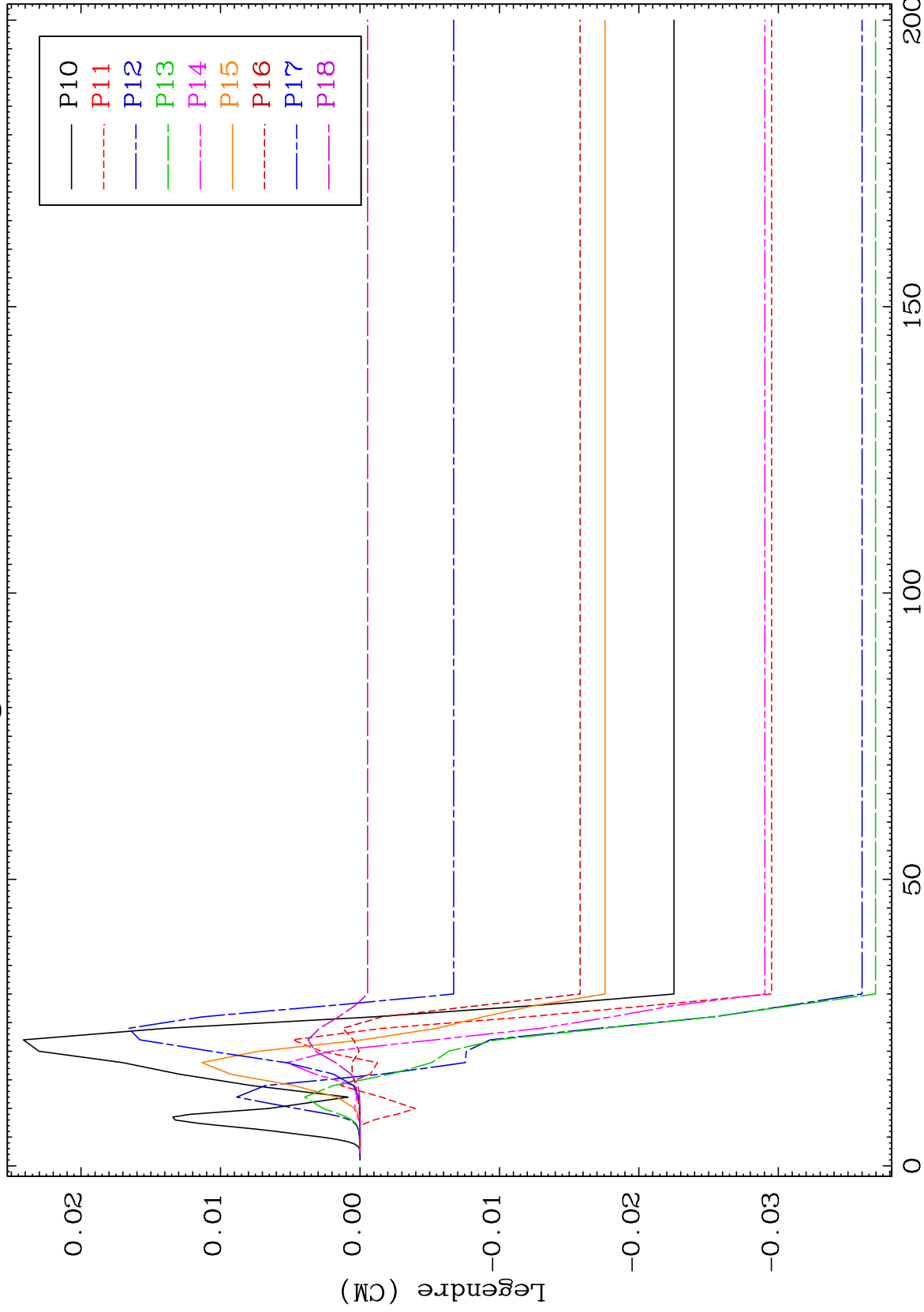
Incident Energy (MeV)

75-Re-167

MAT 7471

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

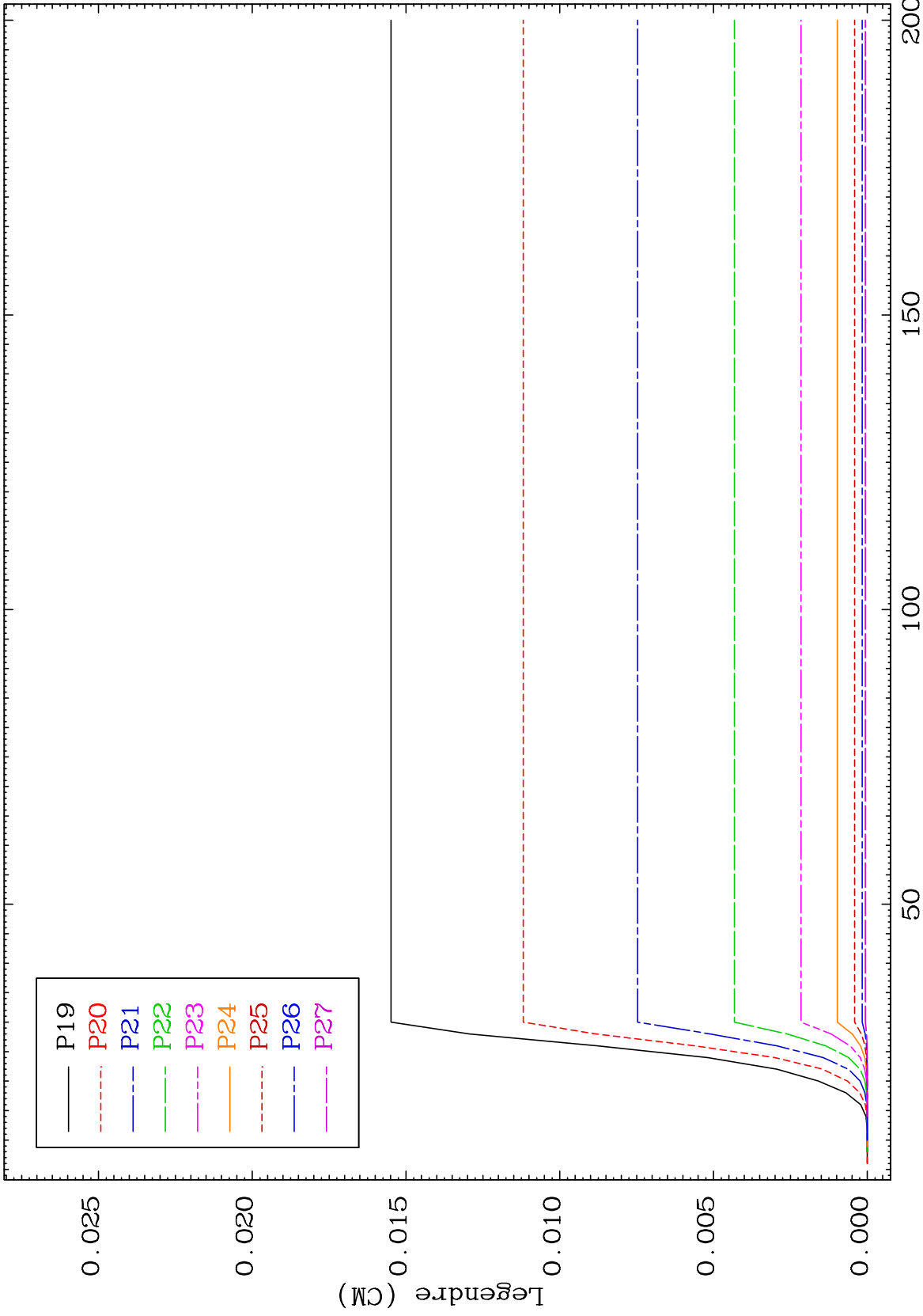
75-Re-167



65

Incident Energy (MeV)

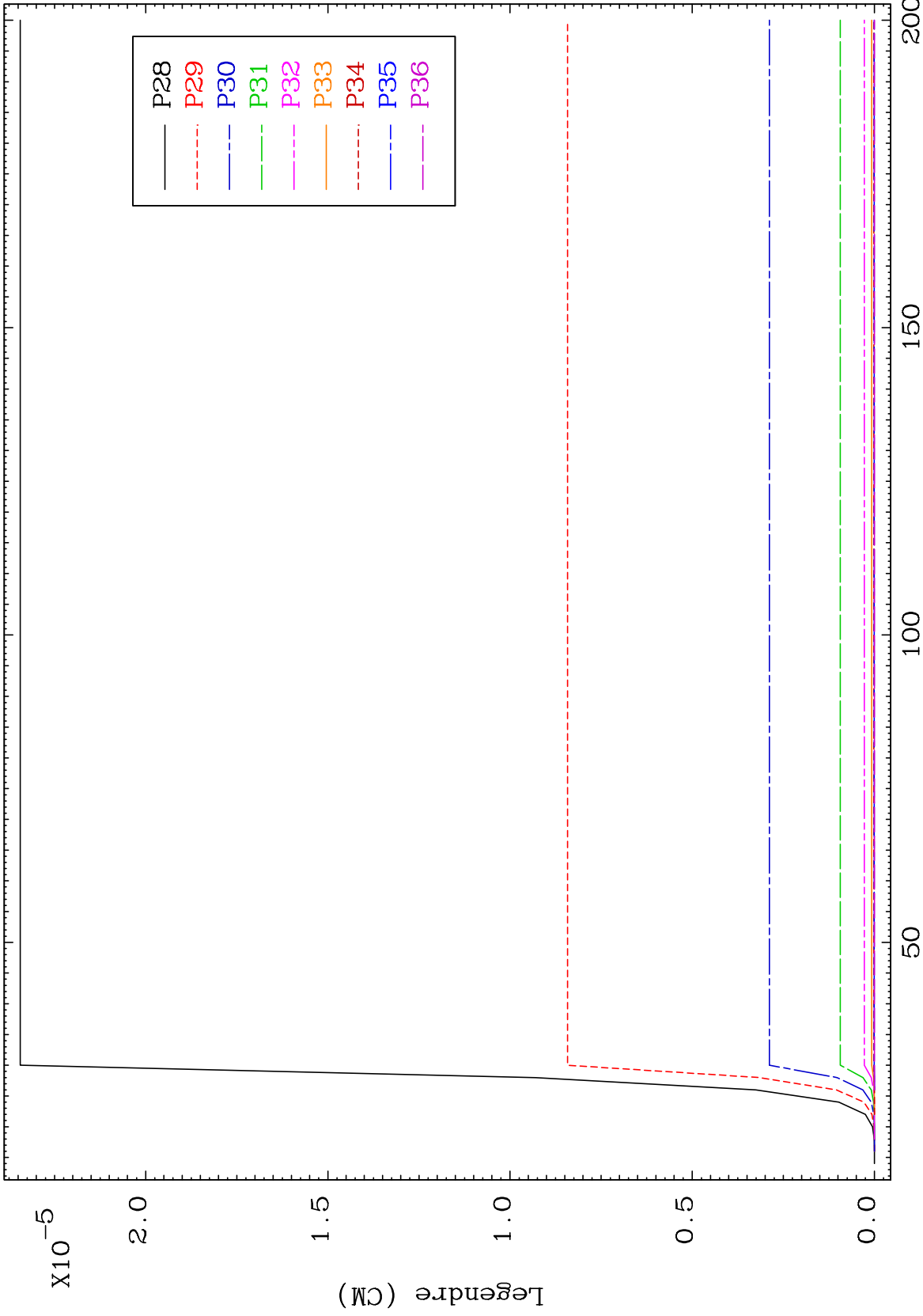
75-Re-167



MAT 7471

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

75-Re-167



67

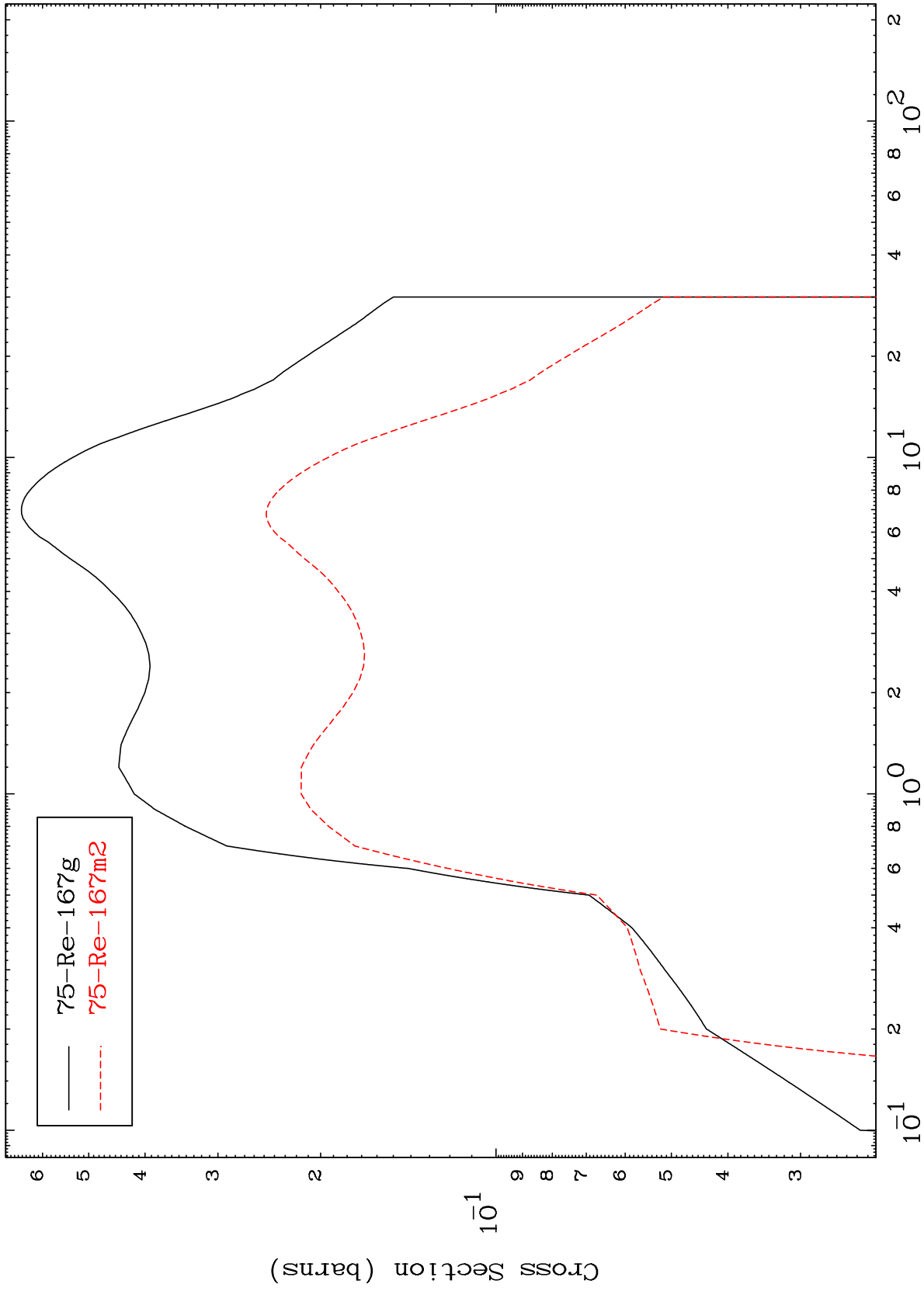
Incident Energy (MeV)

75-Re-167

MAT 7471

Inelastic
Radionuclide Production Cross Section

75-Re-167



68

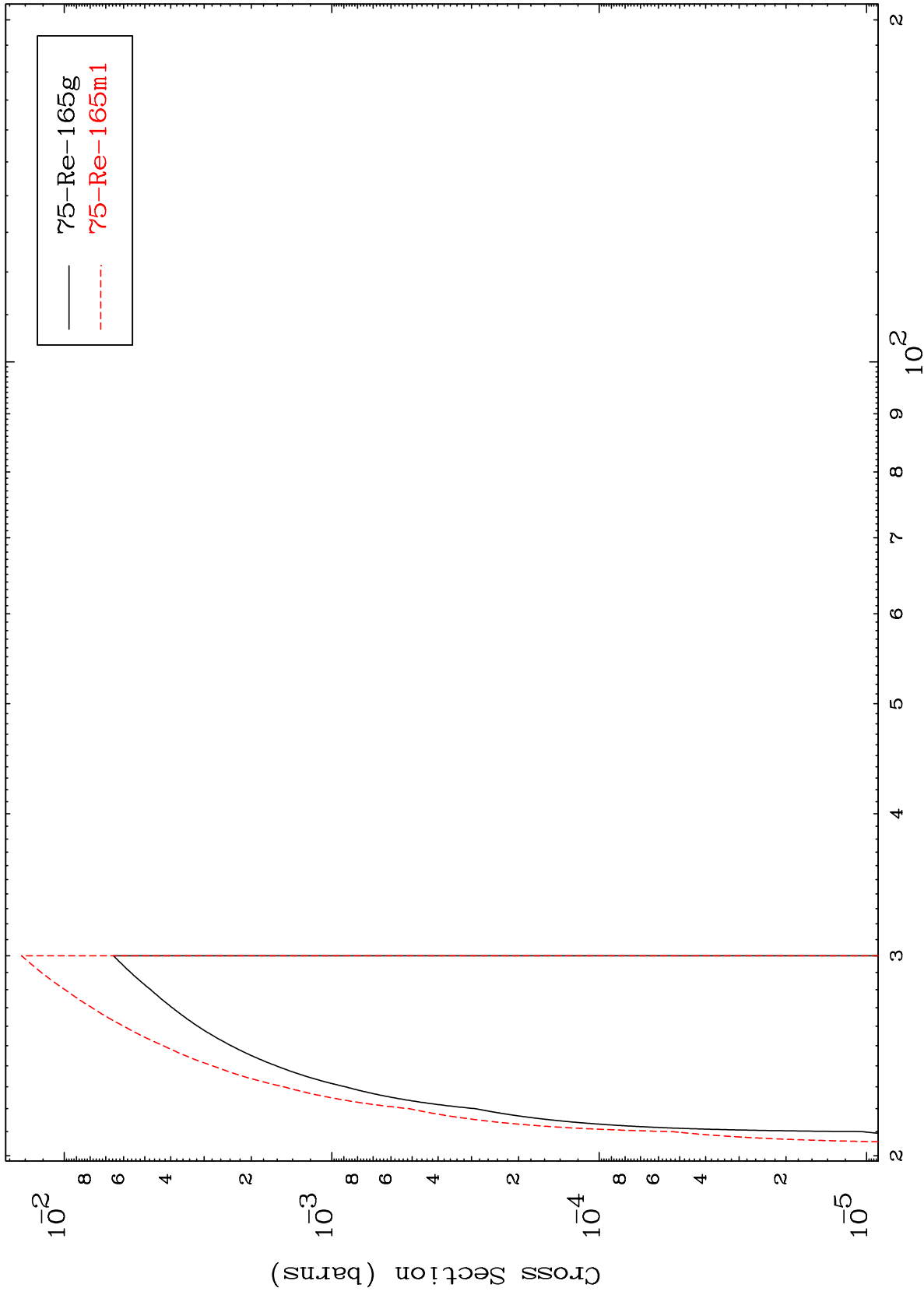
Incident Energy (MeV)

75-Re-167

MAT 7471

75-Re-167

(n,3n)
Radionuclide Production Cross Section



69

75-Re-167

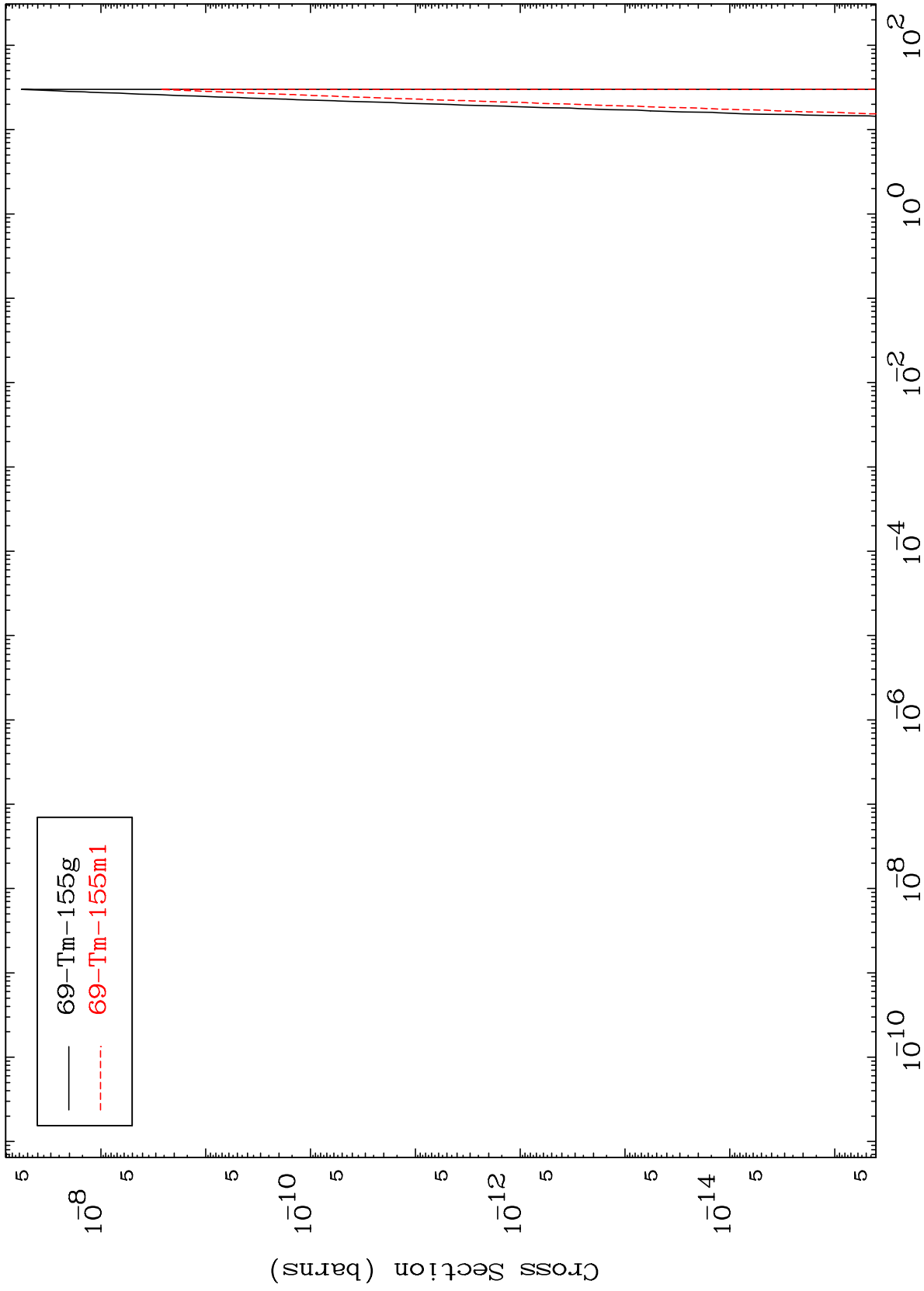
Incident Energy (MeV)

MAT 7471

(n,n') 3 α

75-Re-167

Radionuclide Production Cross Section



70

Incident Energy (MeV)

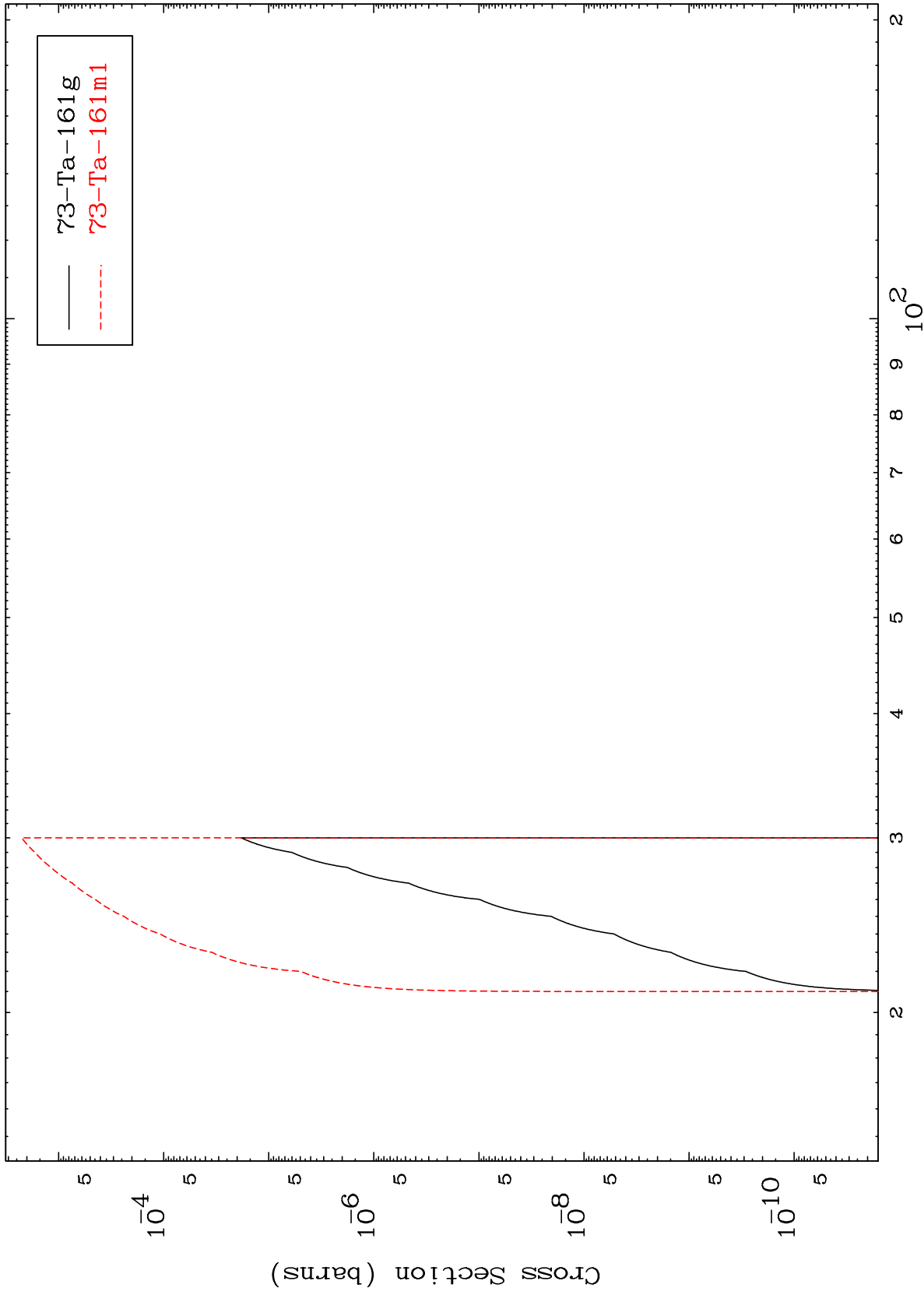
75-Re-167

MAT 7471

(n,3n) α

75-Re-167

Radionuclide Production Cross Section



71

Incident Energy (MeV)

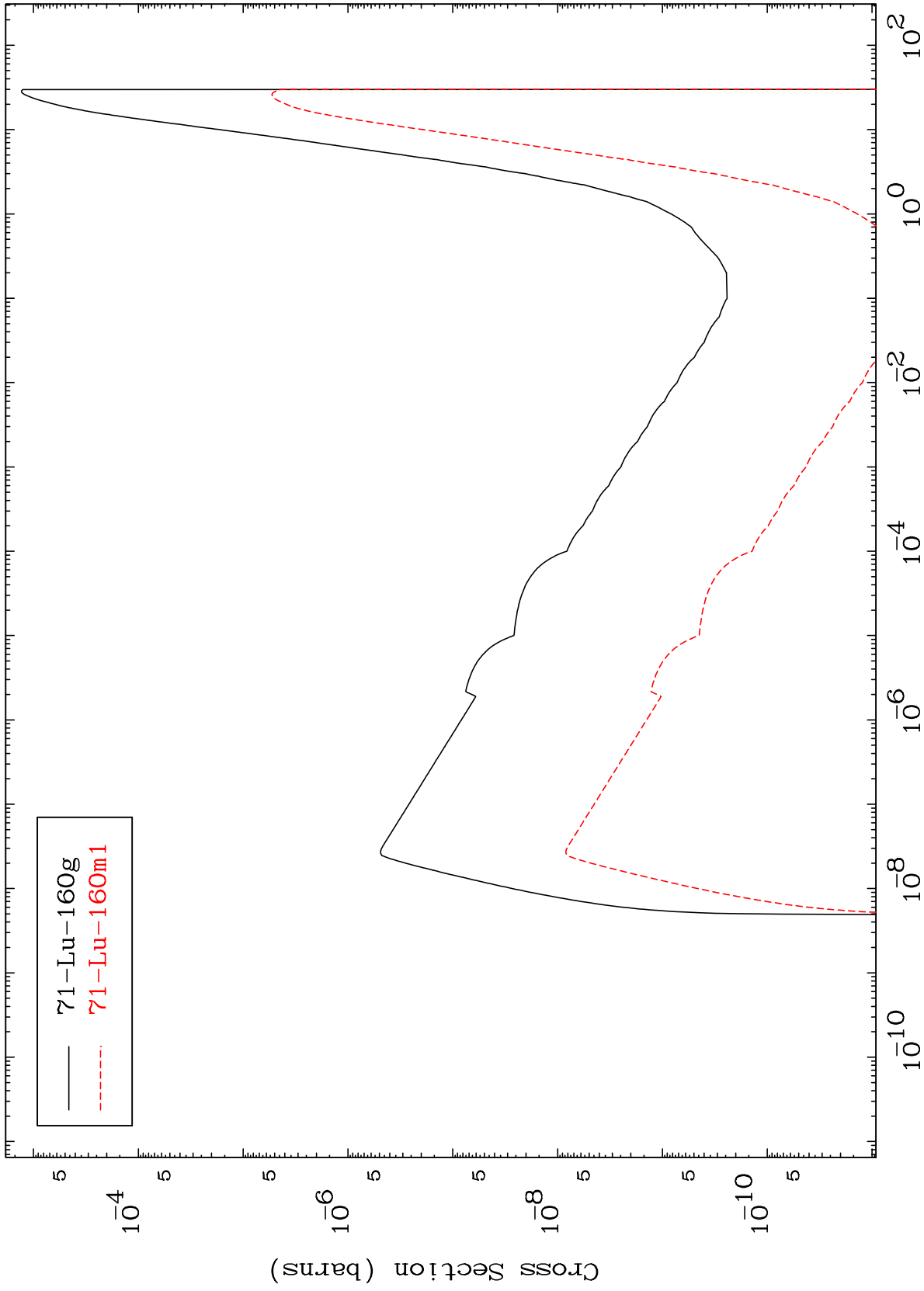
75-Re-167

MAT 7471

(n,2α)

75-Re-167

Radionuclide Production Cross Section



72

Incident Energy (MeV)

75-Re-167