

Program EVALPLOT
(Version 2018-1)

by

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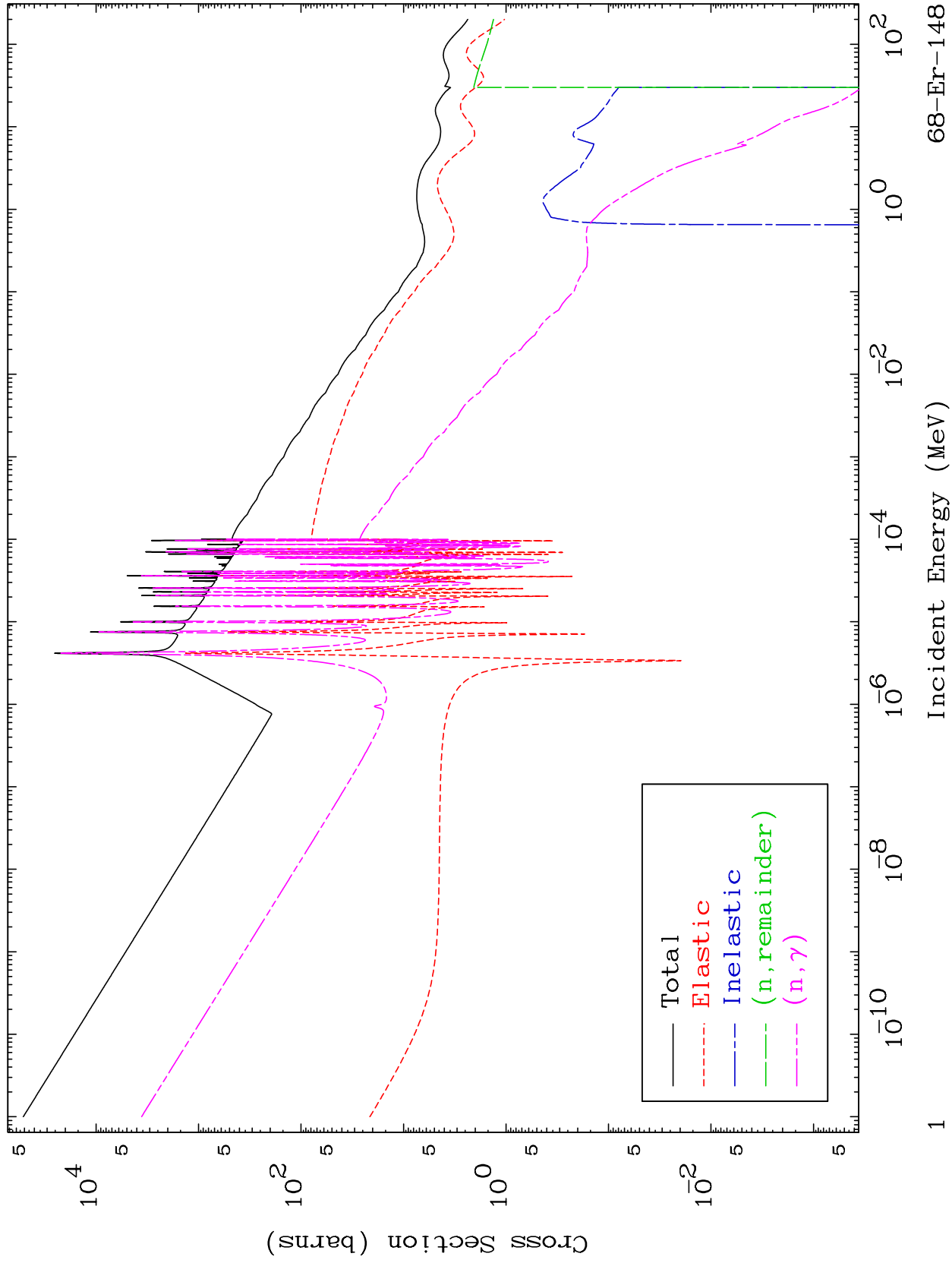
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6783

Major
293 Kelvin Cross Sections

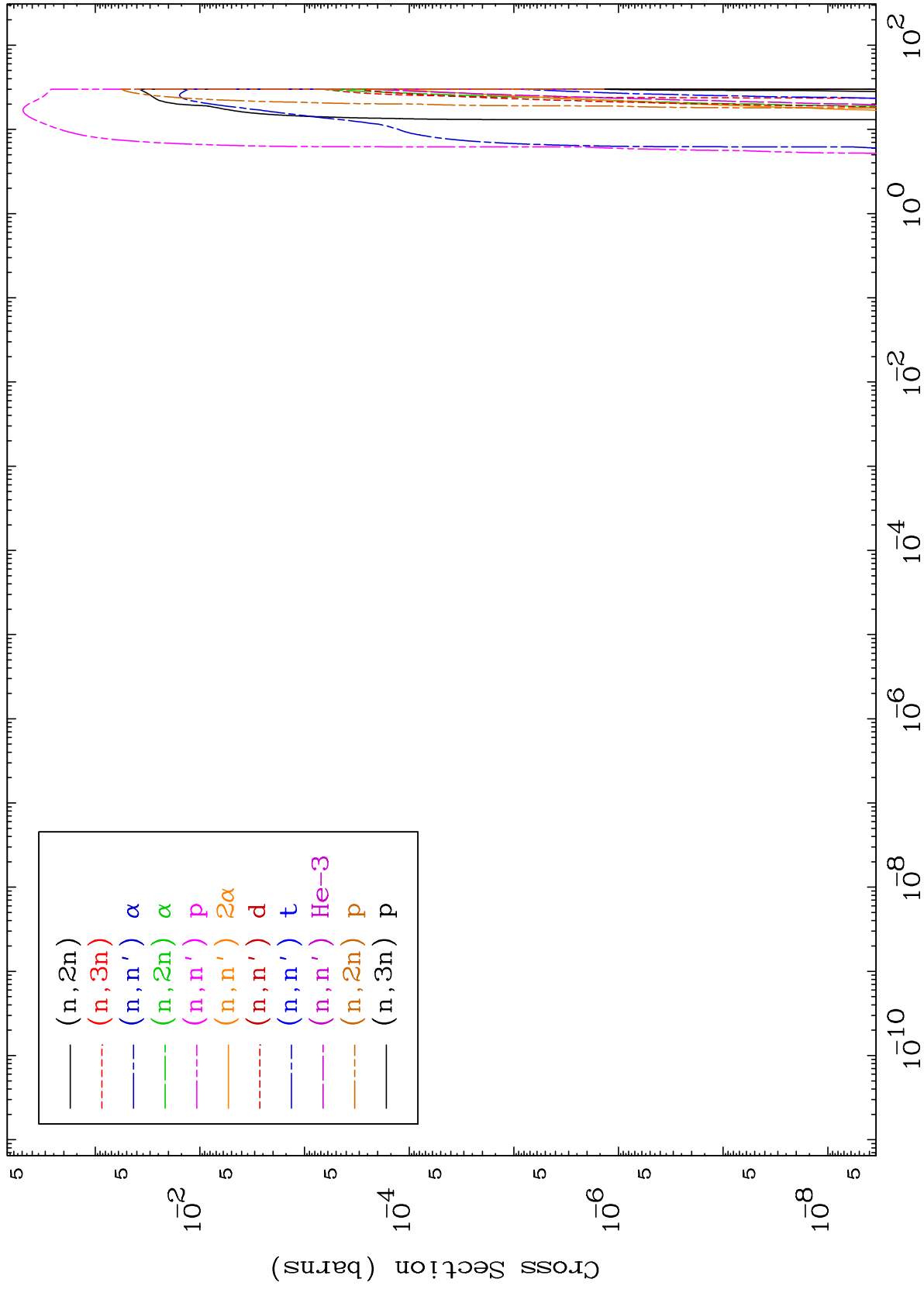
68-Er-148



MAT 6783

Neutron Production
293 Kelvin Cross Sections

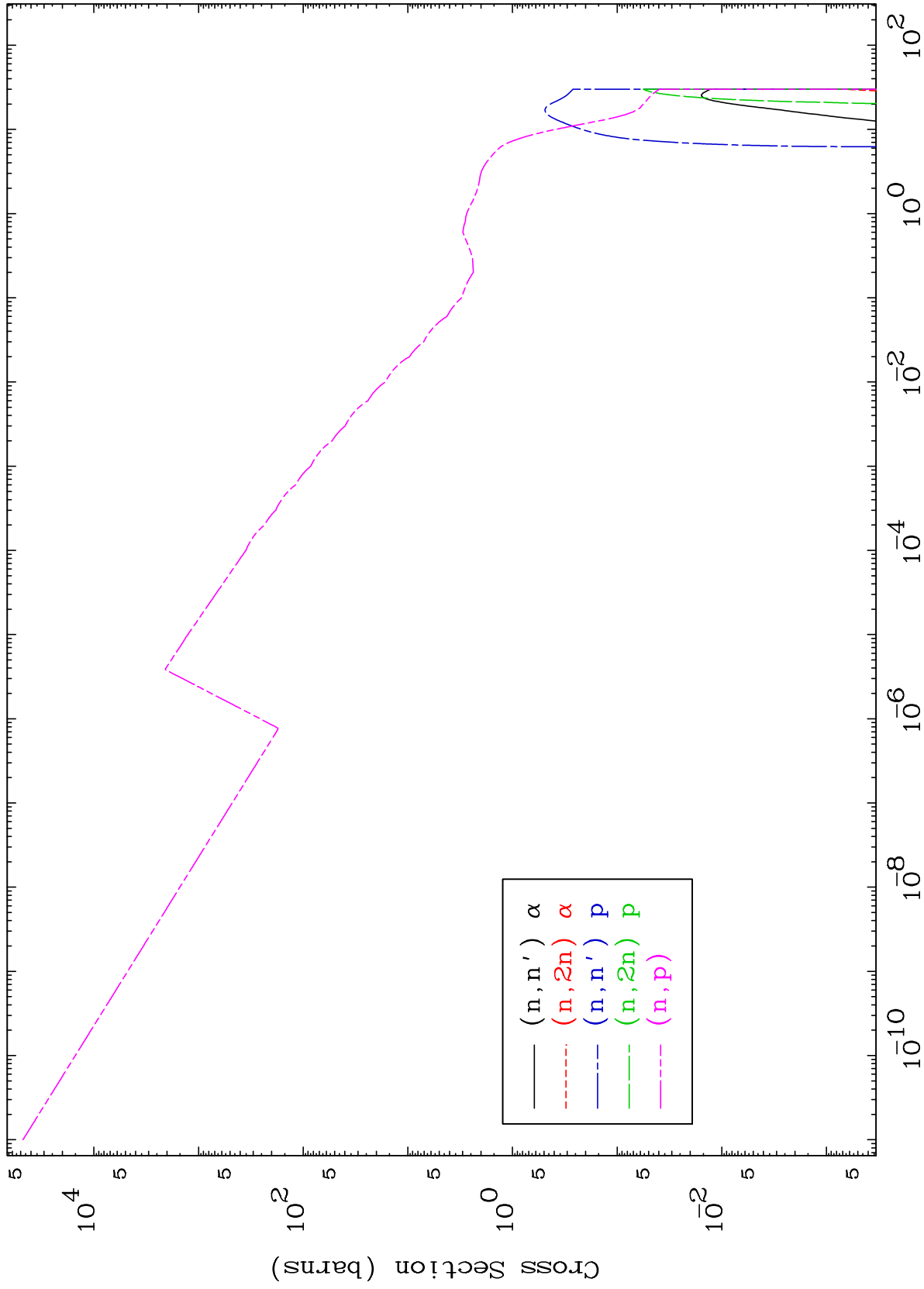
68-Er-148



2

Incident Energy (MeV)

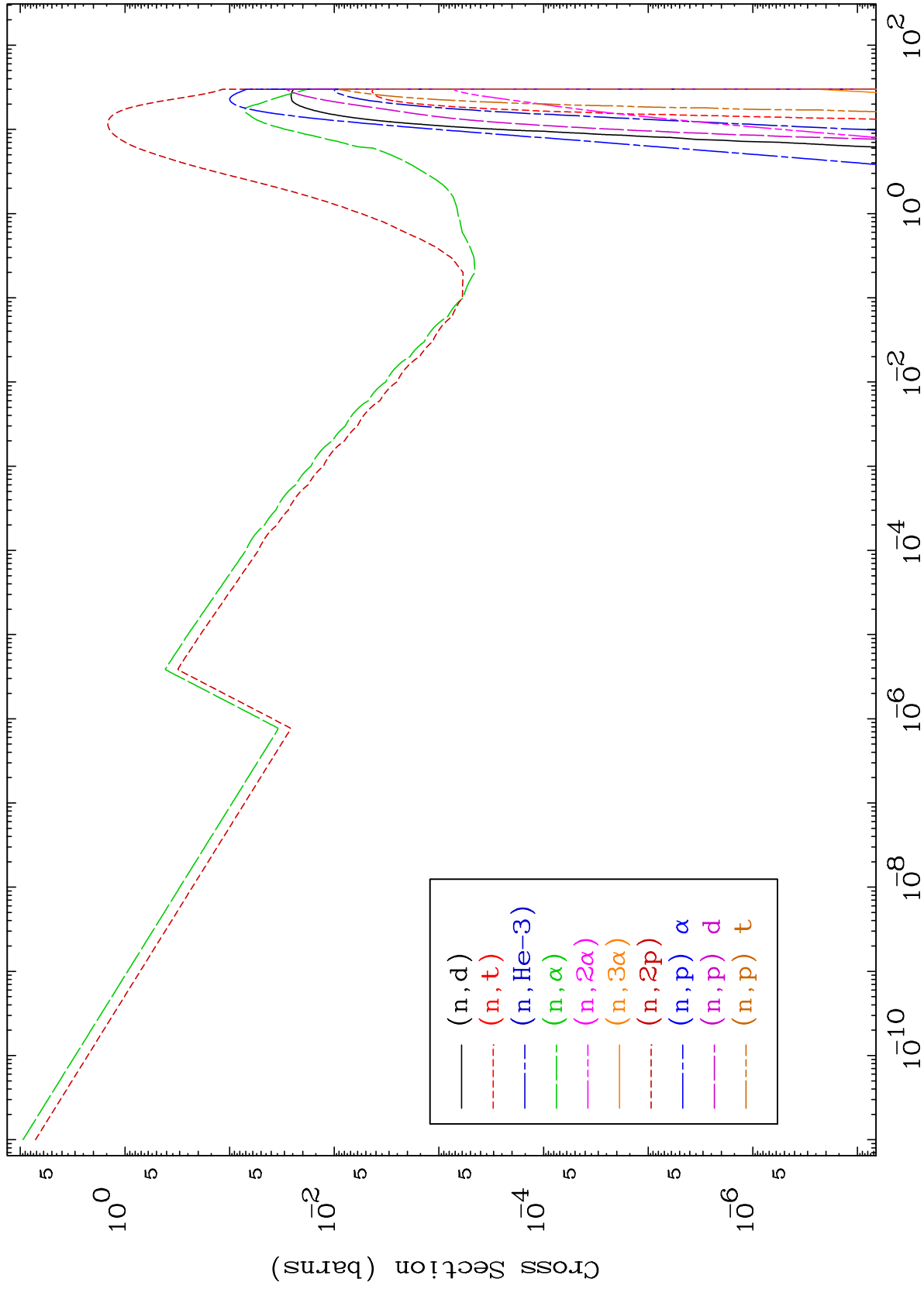
68-Er-148



MAT 6783

Charged Particle
293 Kelvin Cross Sections

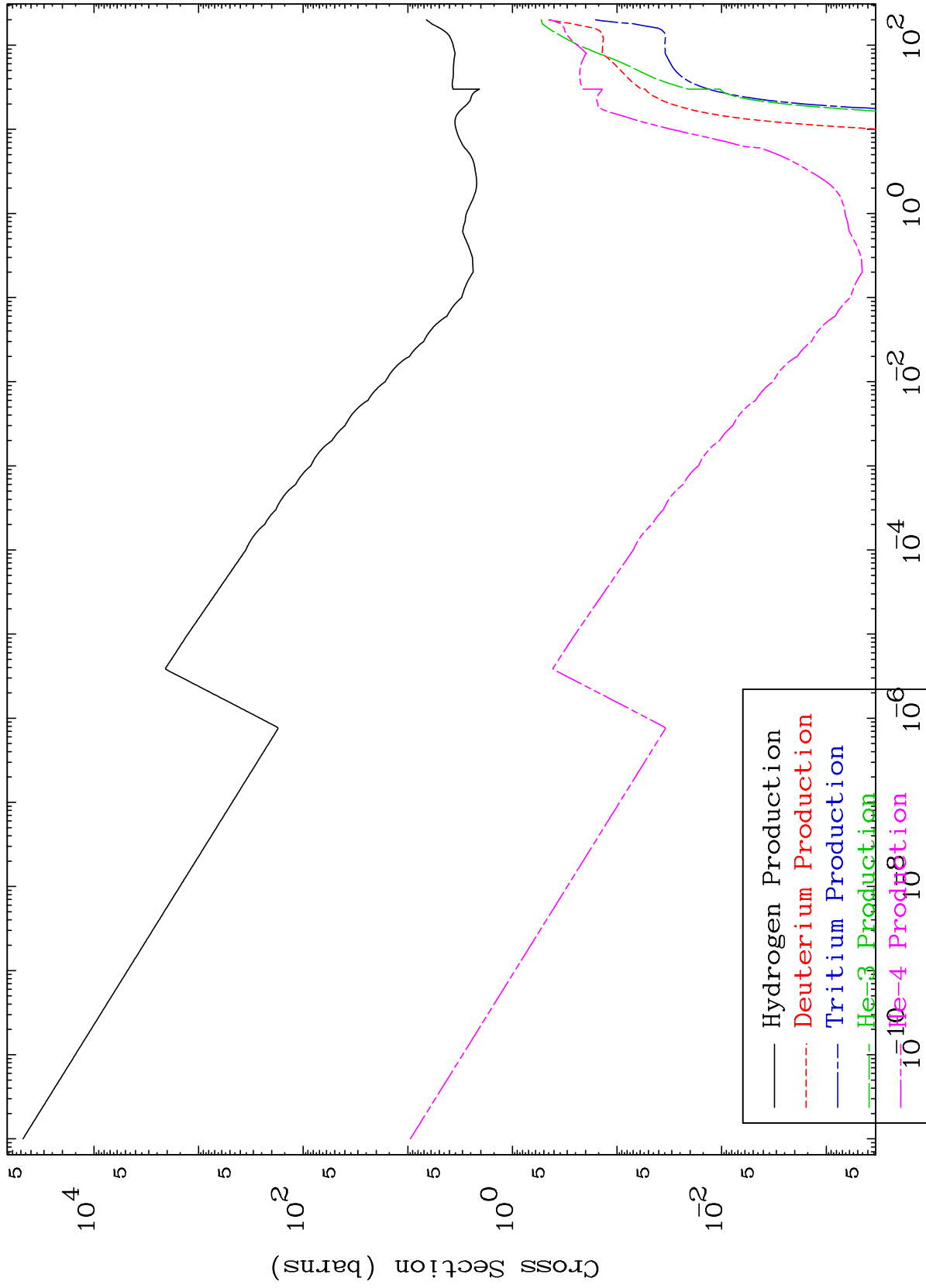
68-Er-148



MAT 6783

Particle Production
293 Kelvin Cross Sections

68-Er-148



5

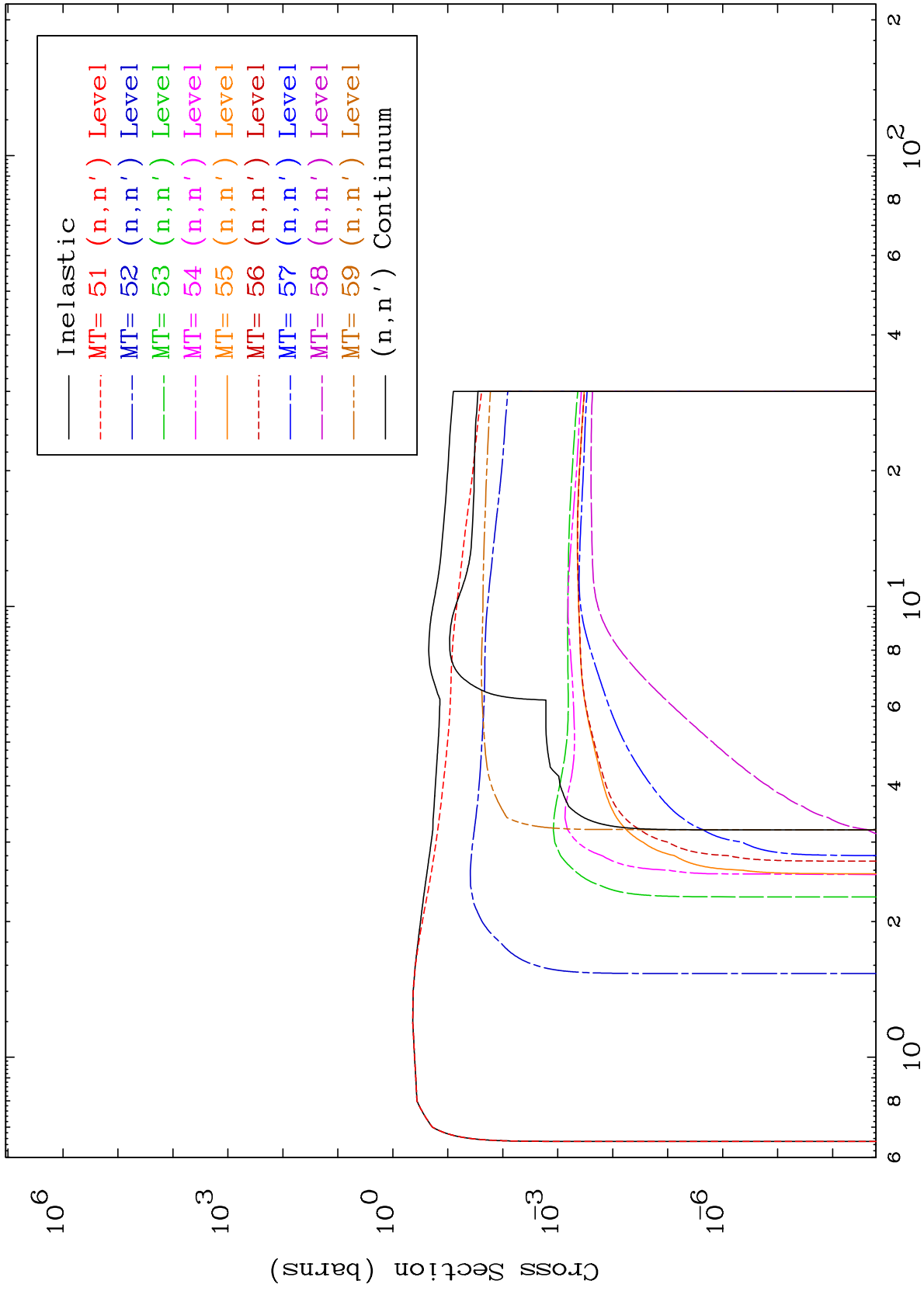
Incident Energy (MeV)

68-Er-148

MAT 6783

(n,n') Level
293 Kelvin Cross Sections

68-Er-148



6

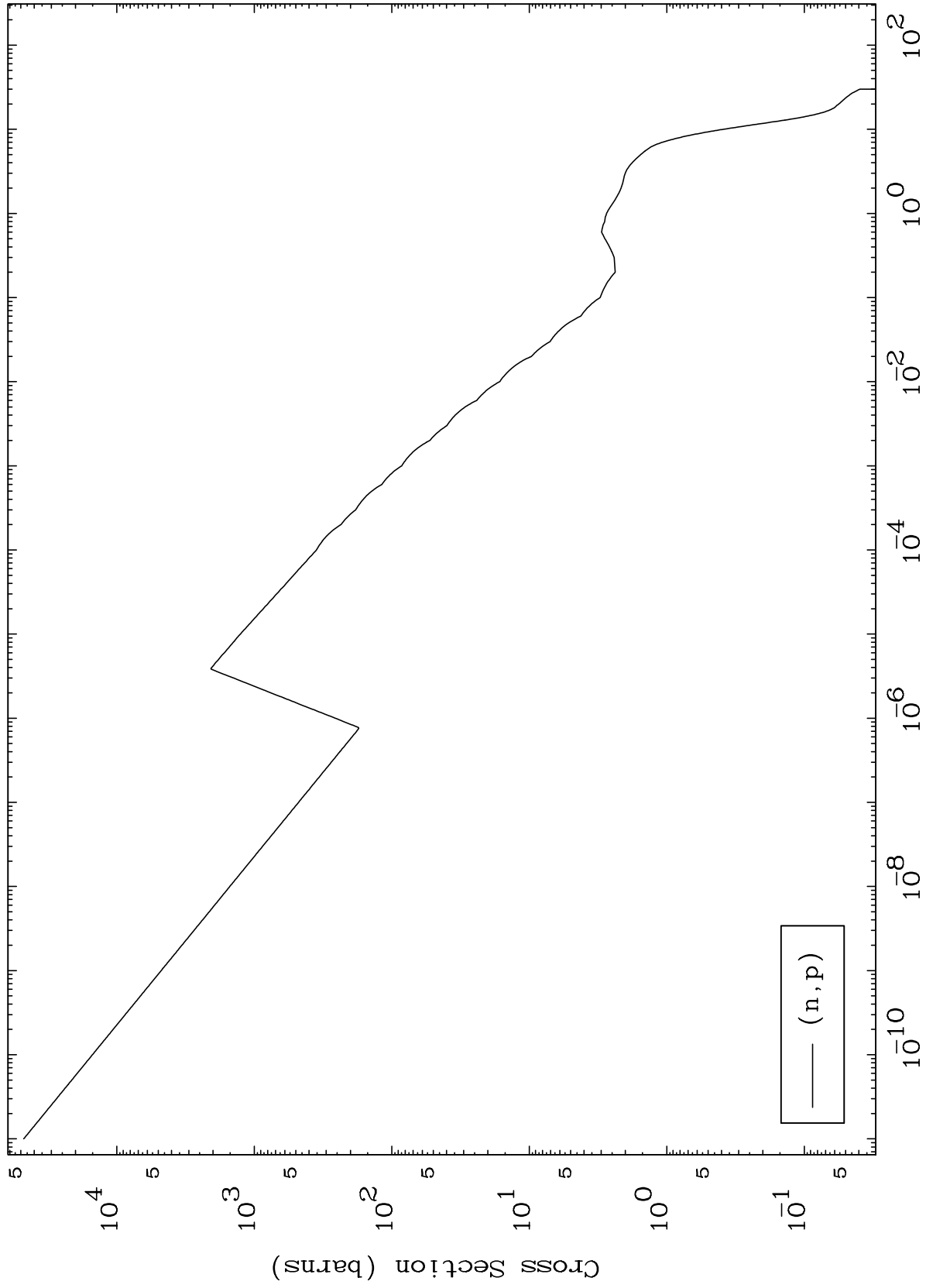
Incident Energy (MeV)

68-Er-148

MAT 6783

(n,p) Levels
293 Kelvin Cross Sections

68-Er-148



7

Incident Energy (MeV)

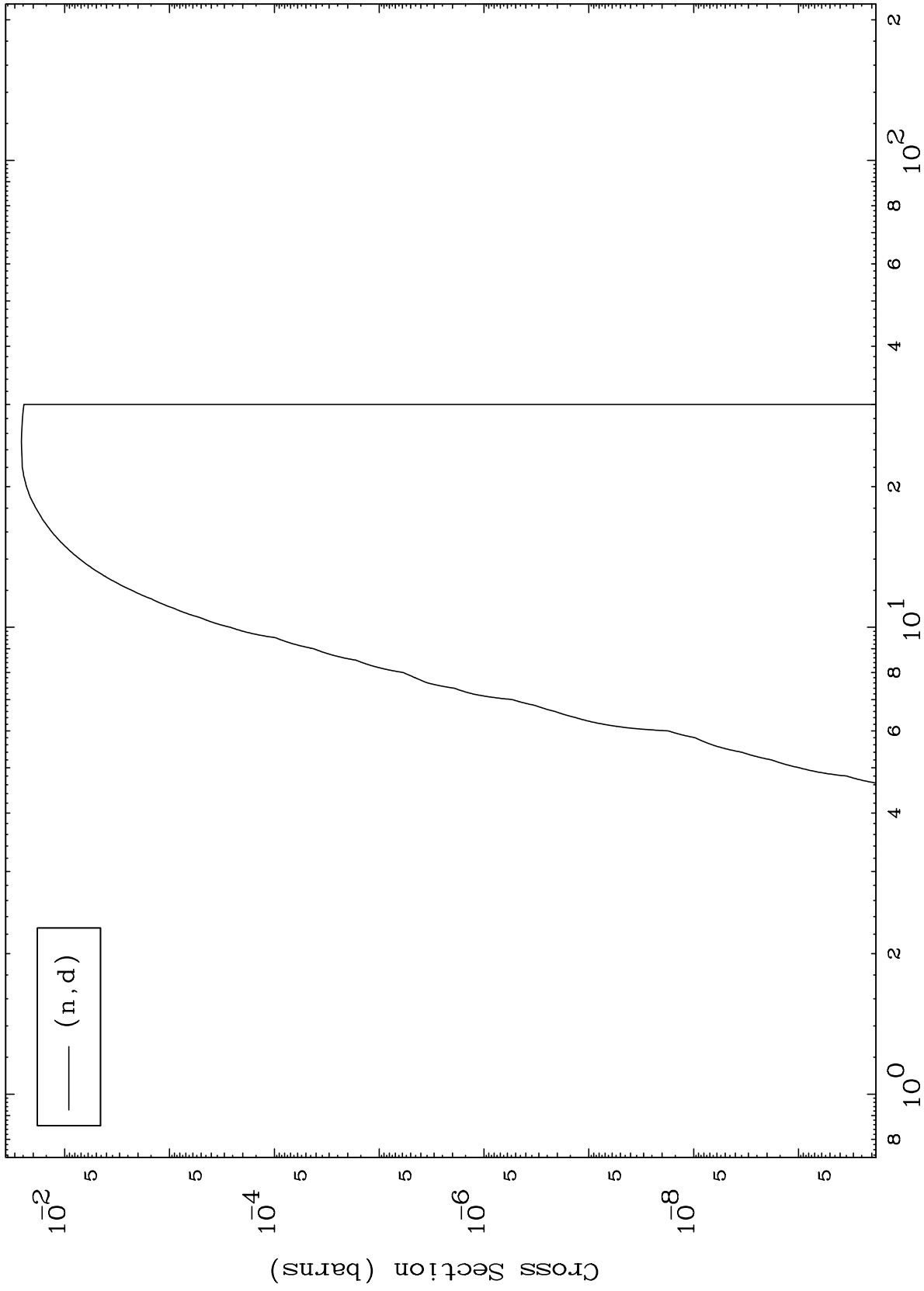
68-Er-148

— (n,p)

MAT 6783

(n,d) Levels
293 Kelvin Cross Sections

68-Er-148



8

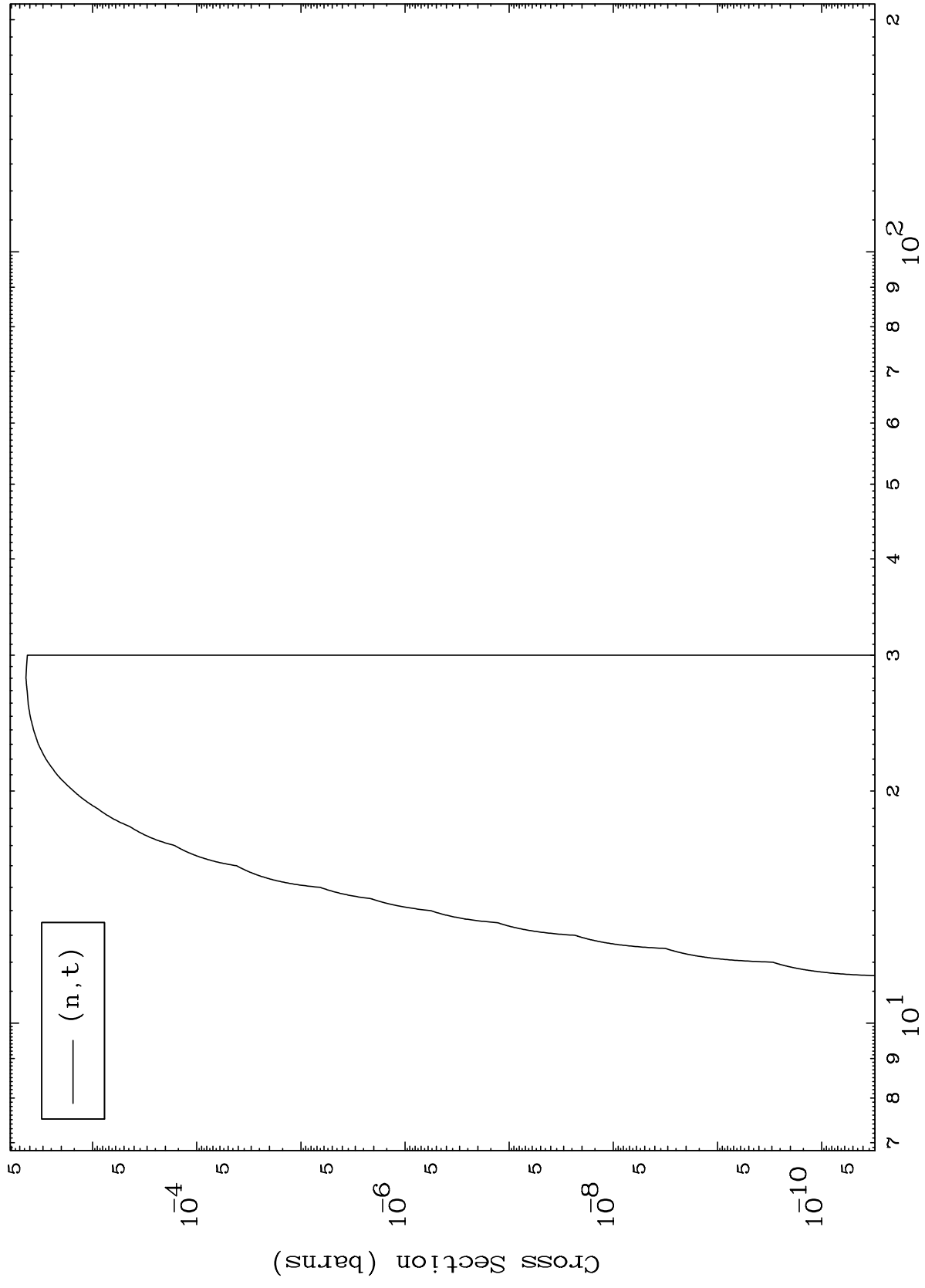
Incident Energy (MeV)

68-Er-148

MAT 6783

(n,t) Levels
293 Kelvin Cross Sections

68-Er-148



9

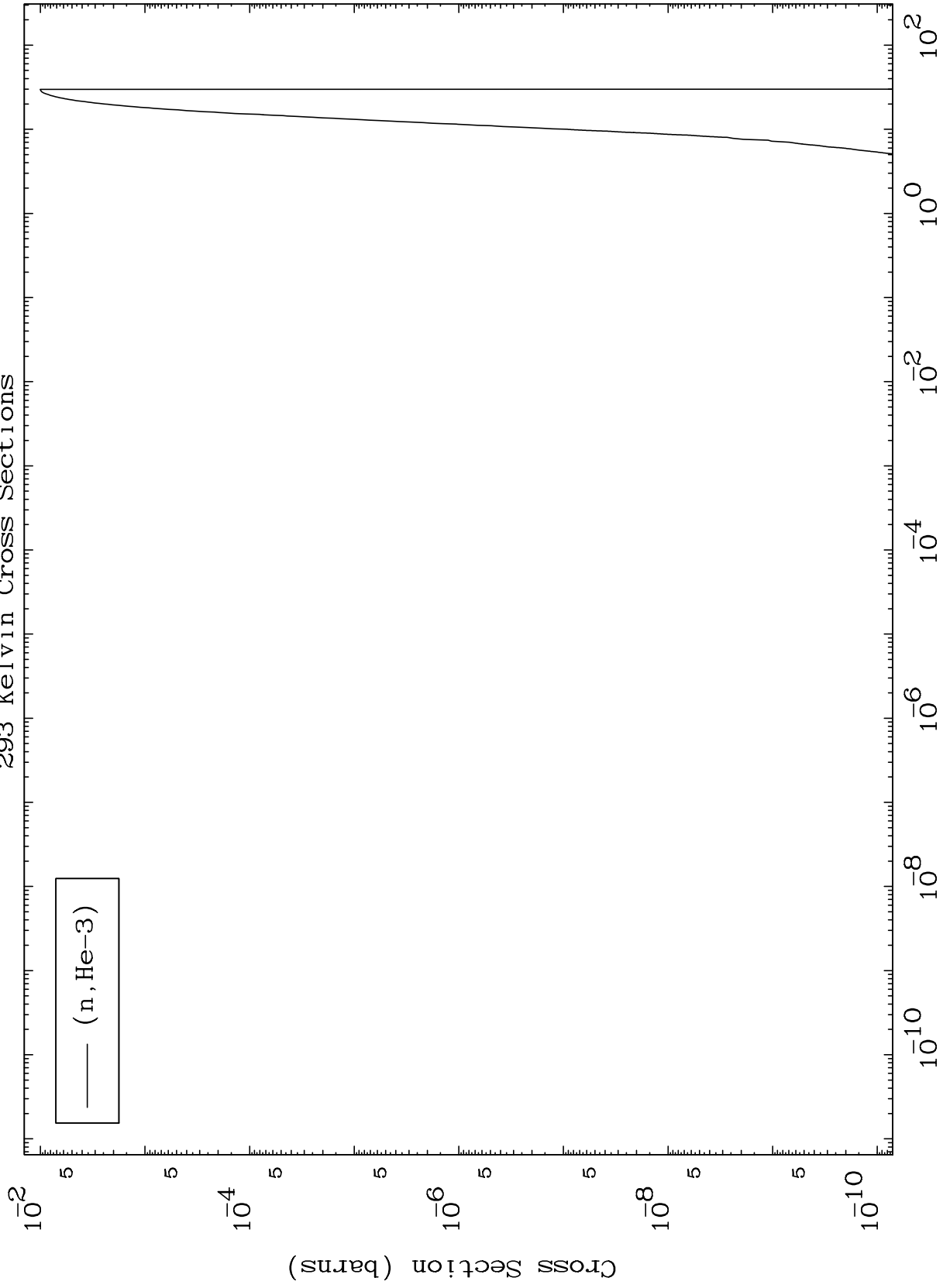
Incident Energy (MeV)

68-Er-148

MAT 6783

(n,He3) Levels
293 Kelvin Cross Sections

68-Er-148



10

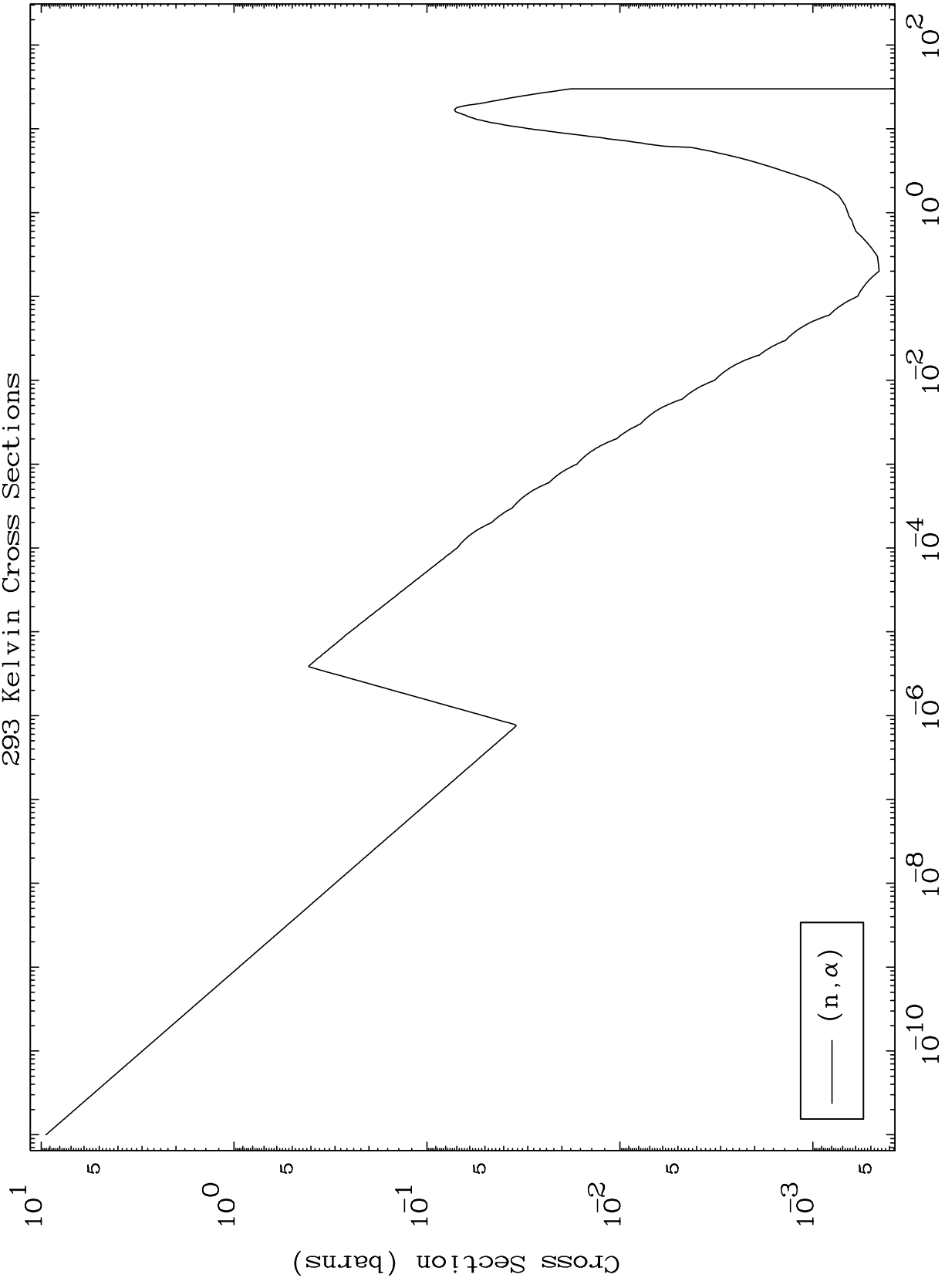
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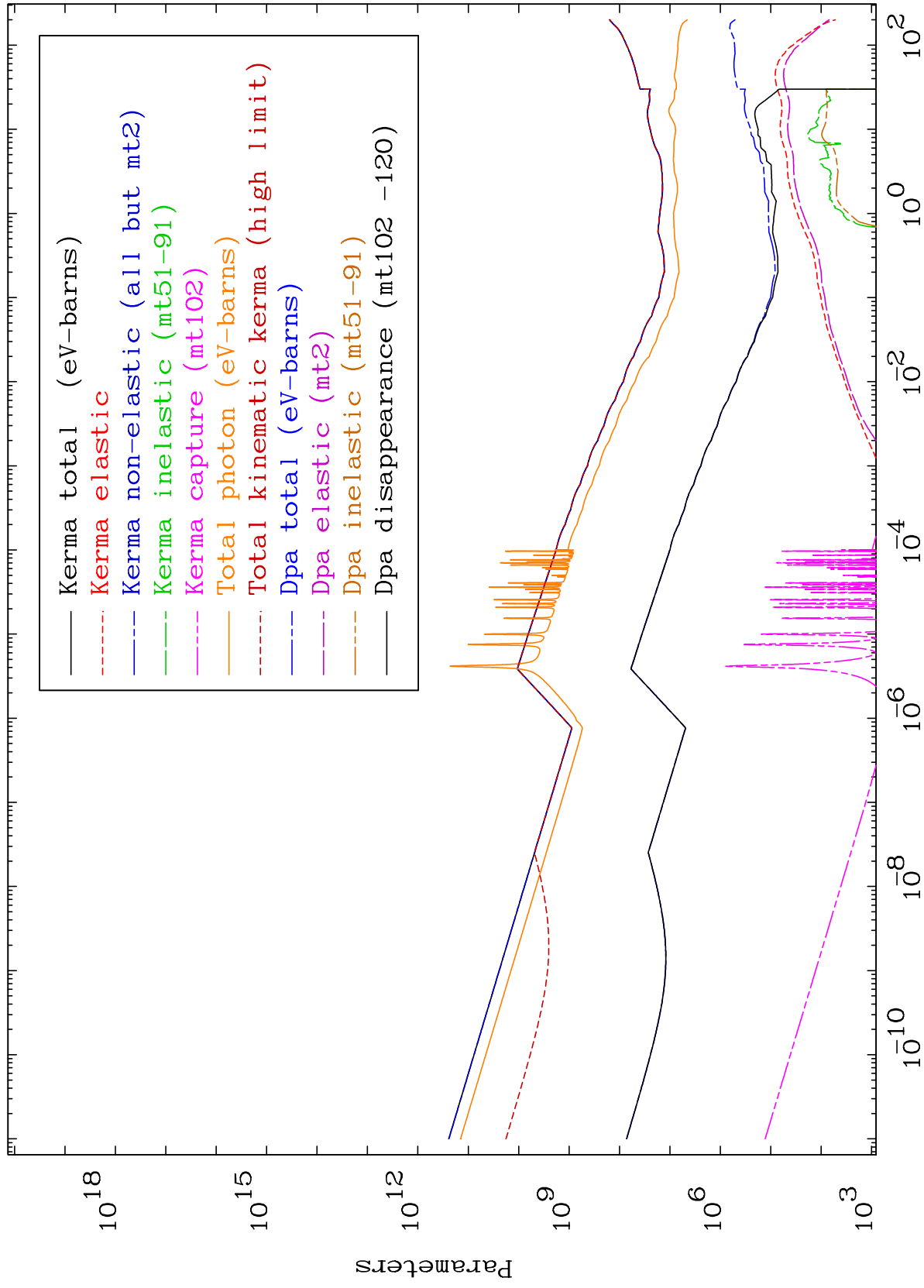
68-Er-148

MAT 6783

(n, α) Levels
293 Kelvin Cross Sections

68-Er-148

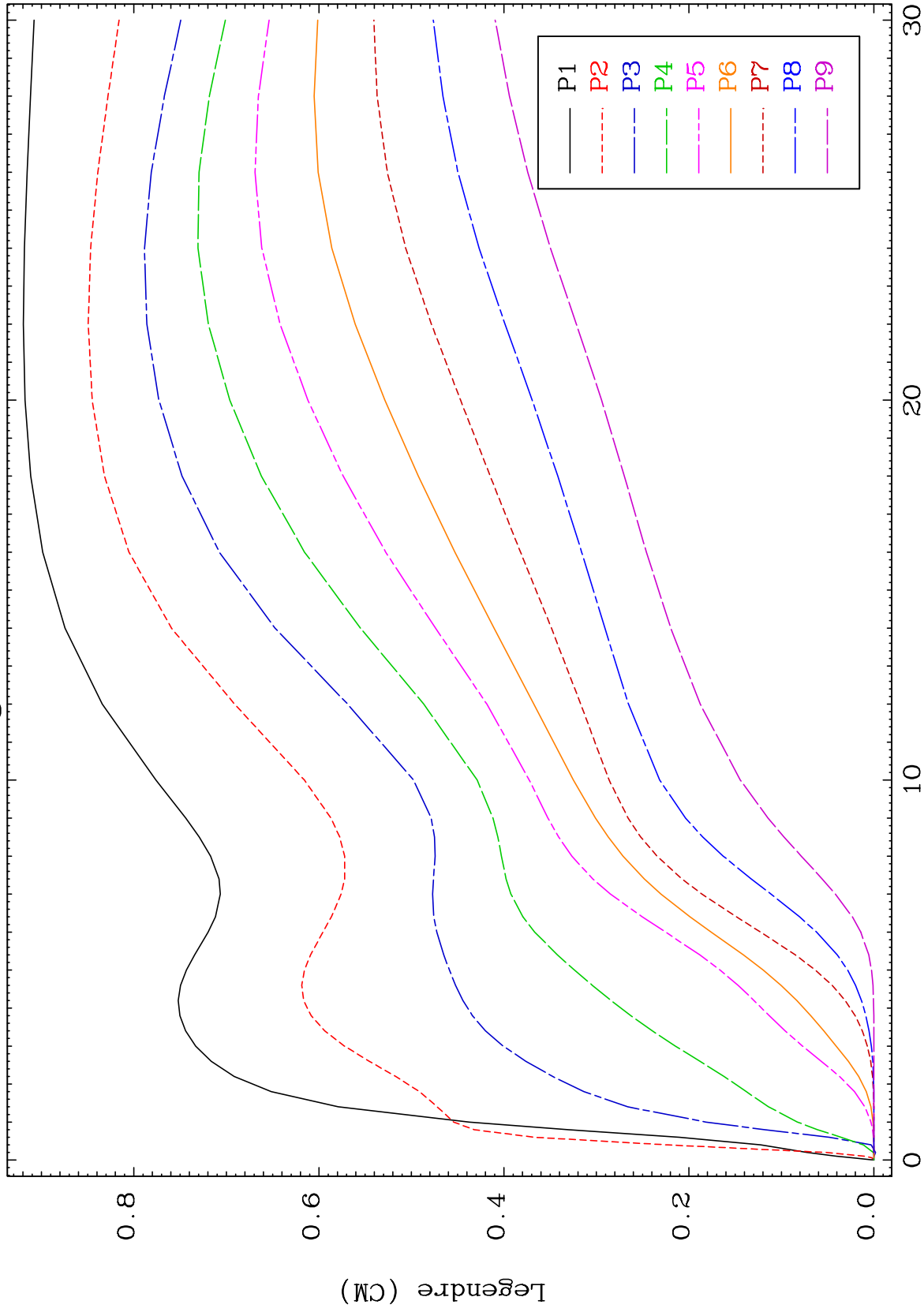




MAT 6783

Elastic Legendre Coefficients

68-Er-148



13

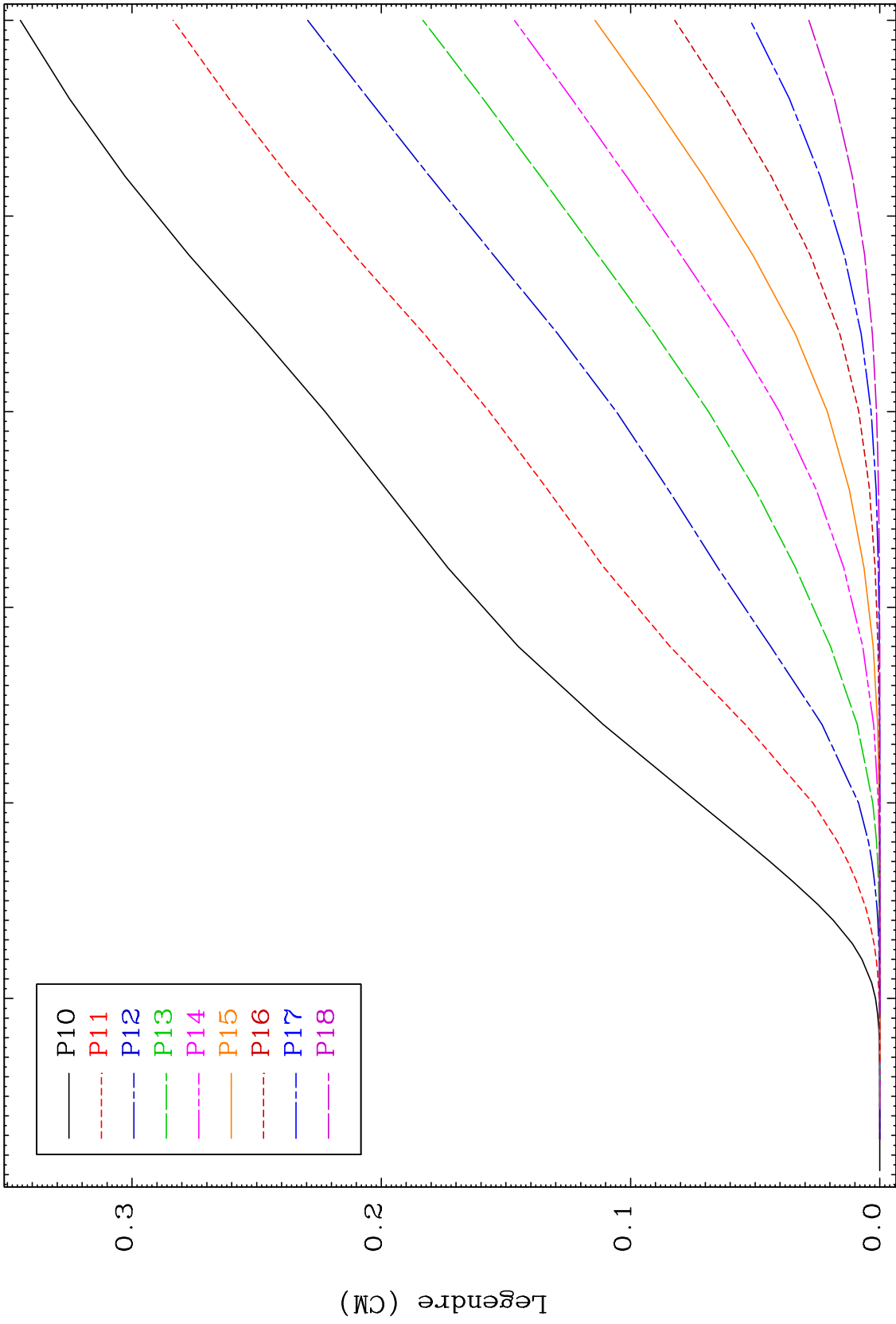
Incident Energy (MeV)

68-Er-148

MAT 6783

Elastic Legendre Coefficients

68-Er-148



14

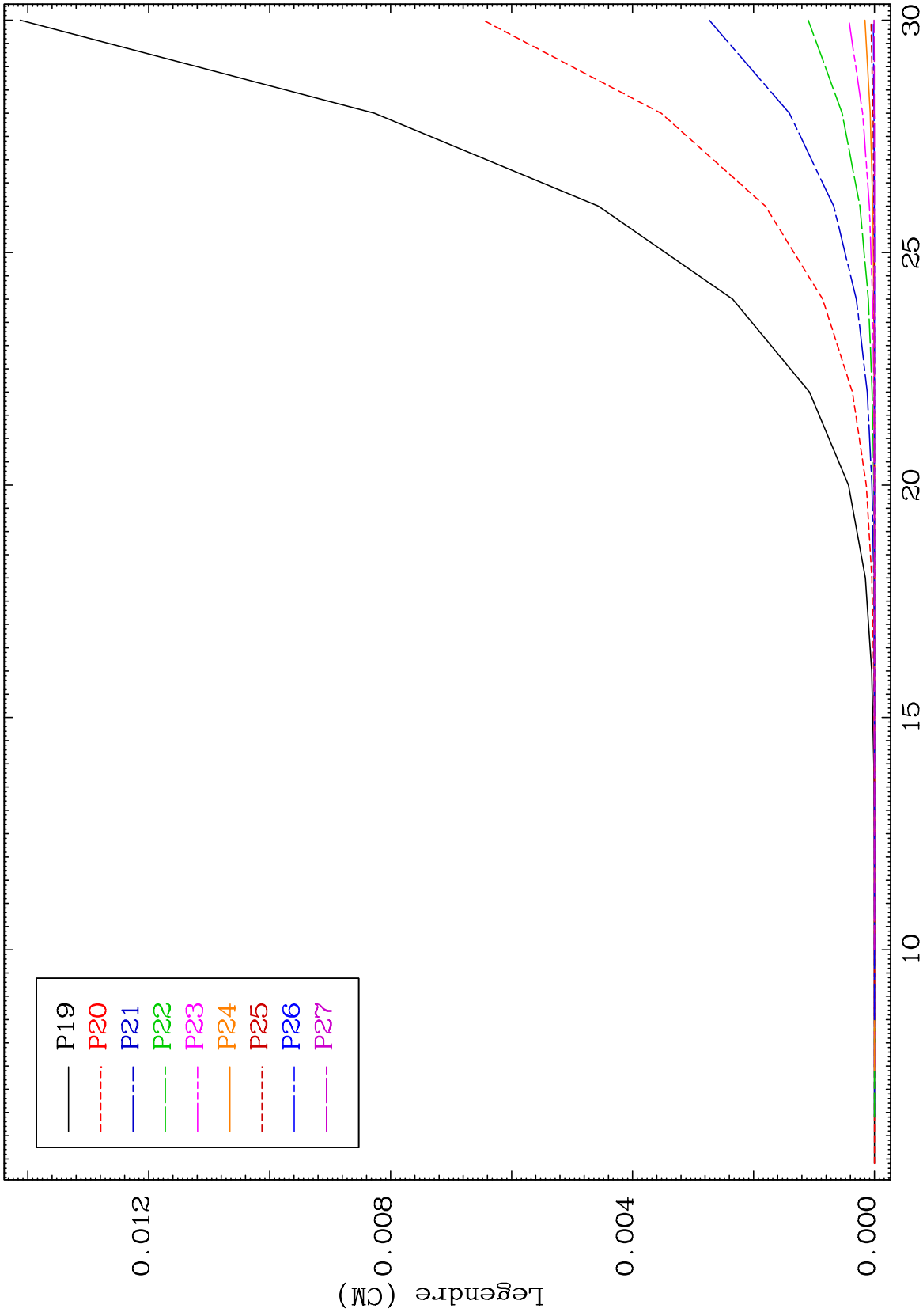
Incident Energy (MeV)

68-Er-148

MAT 6783

Elastic Legendre Coefficients

68-Er-148



15

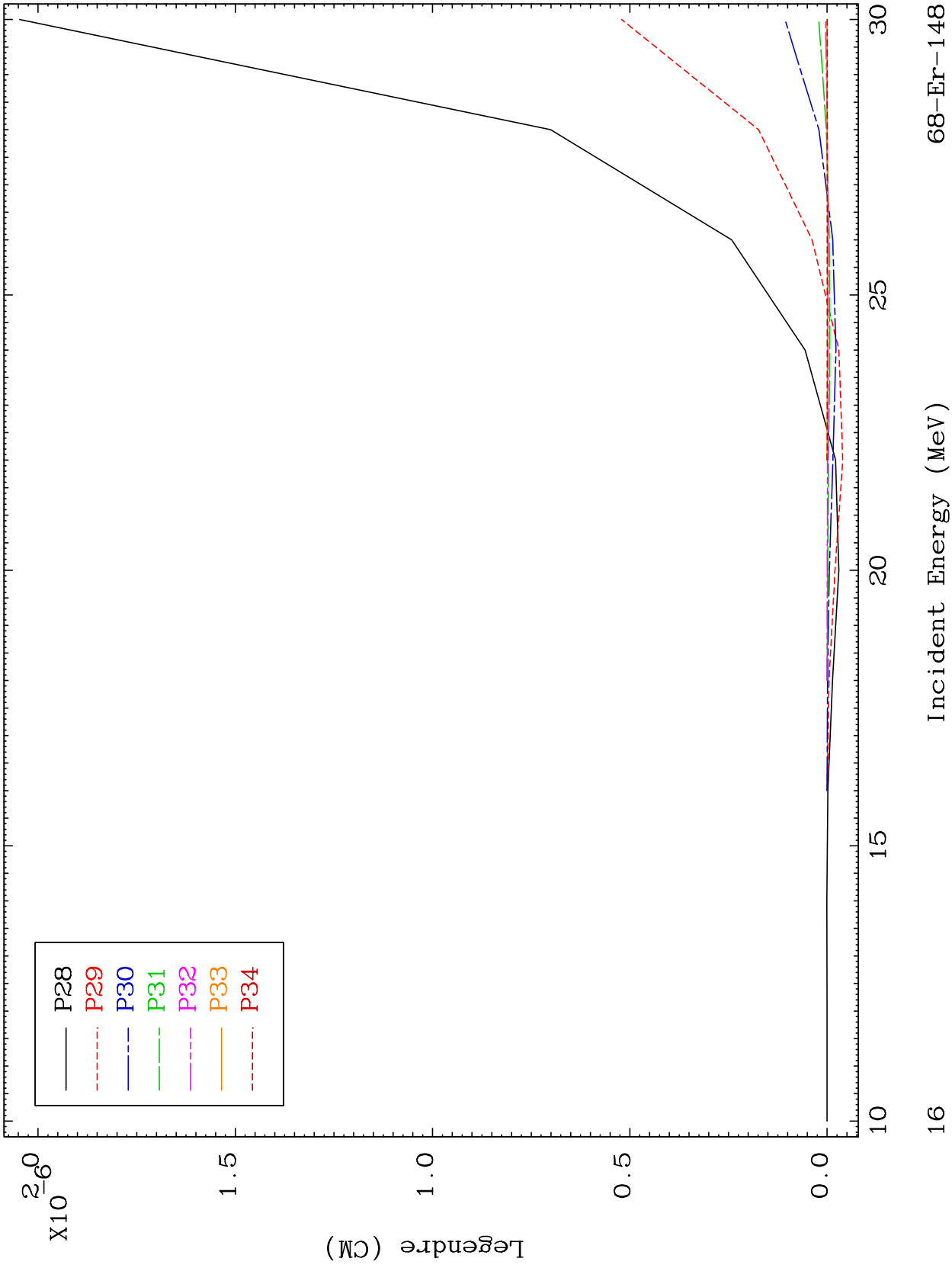
Incident Energy (MeV)

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MAT 6783

Elastic Legendre Coefficients

68-Er-148



16

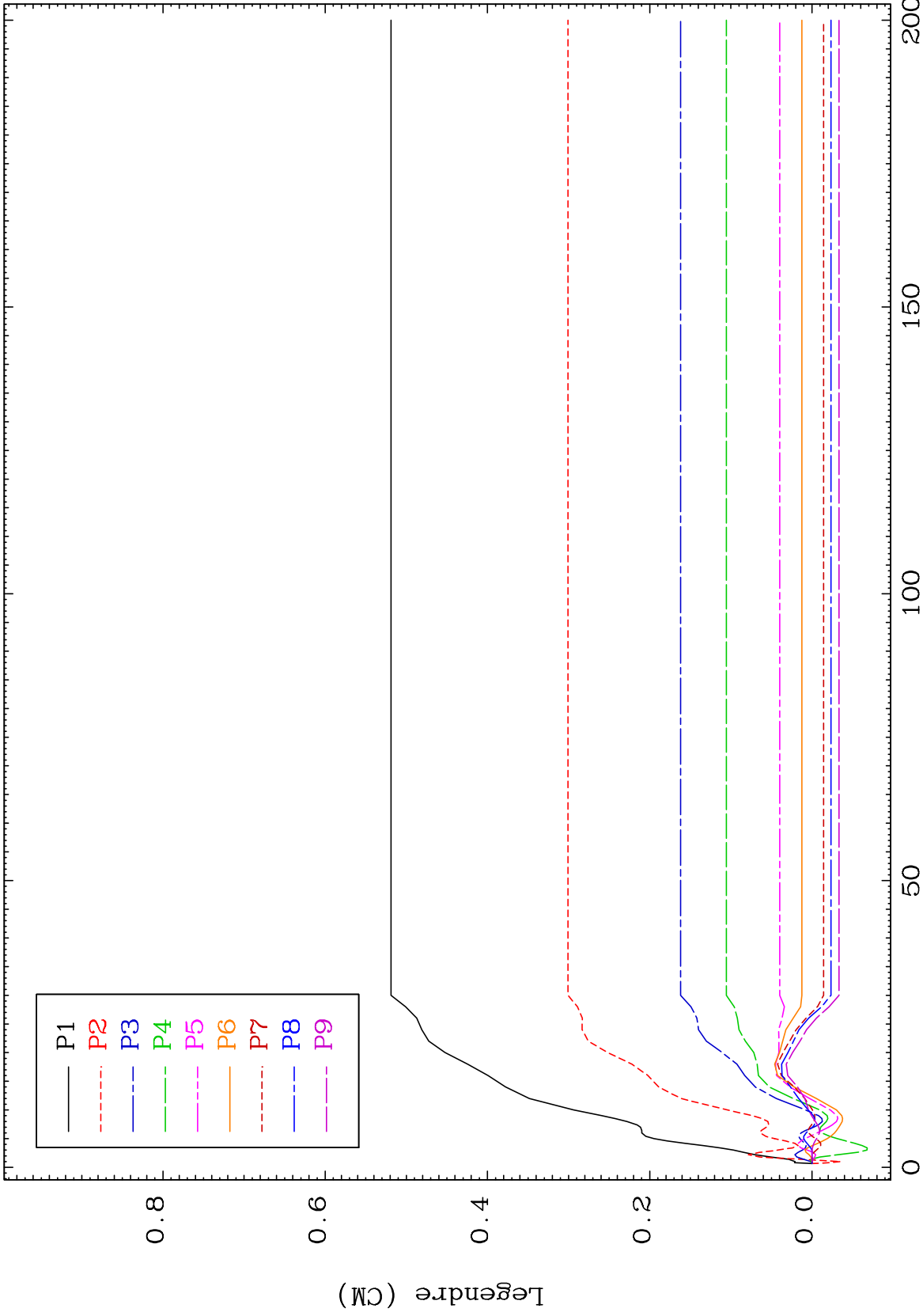
Incident Energy (MeV)

68-Er-148

MAT 6783

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

68-Er-148



17

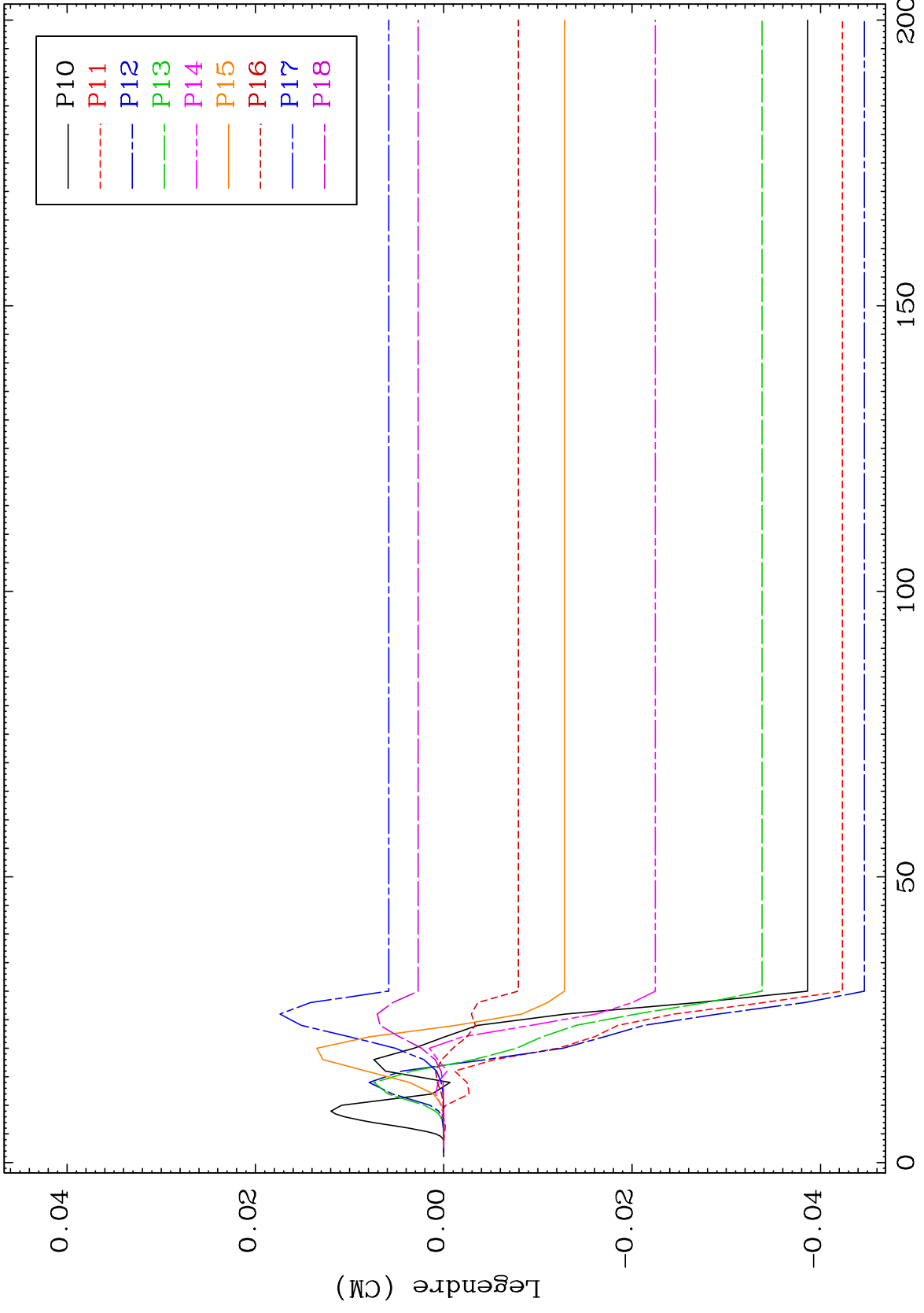
Incident Energy (MeV)

68-Er-148

MAT 6783

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

68-Er-148



18

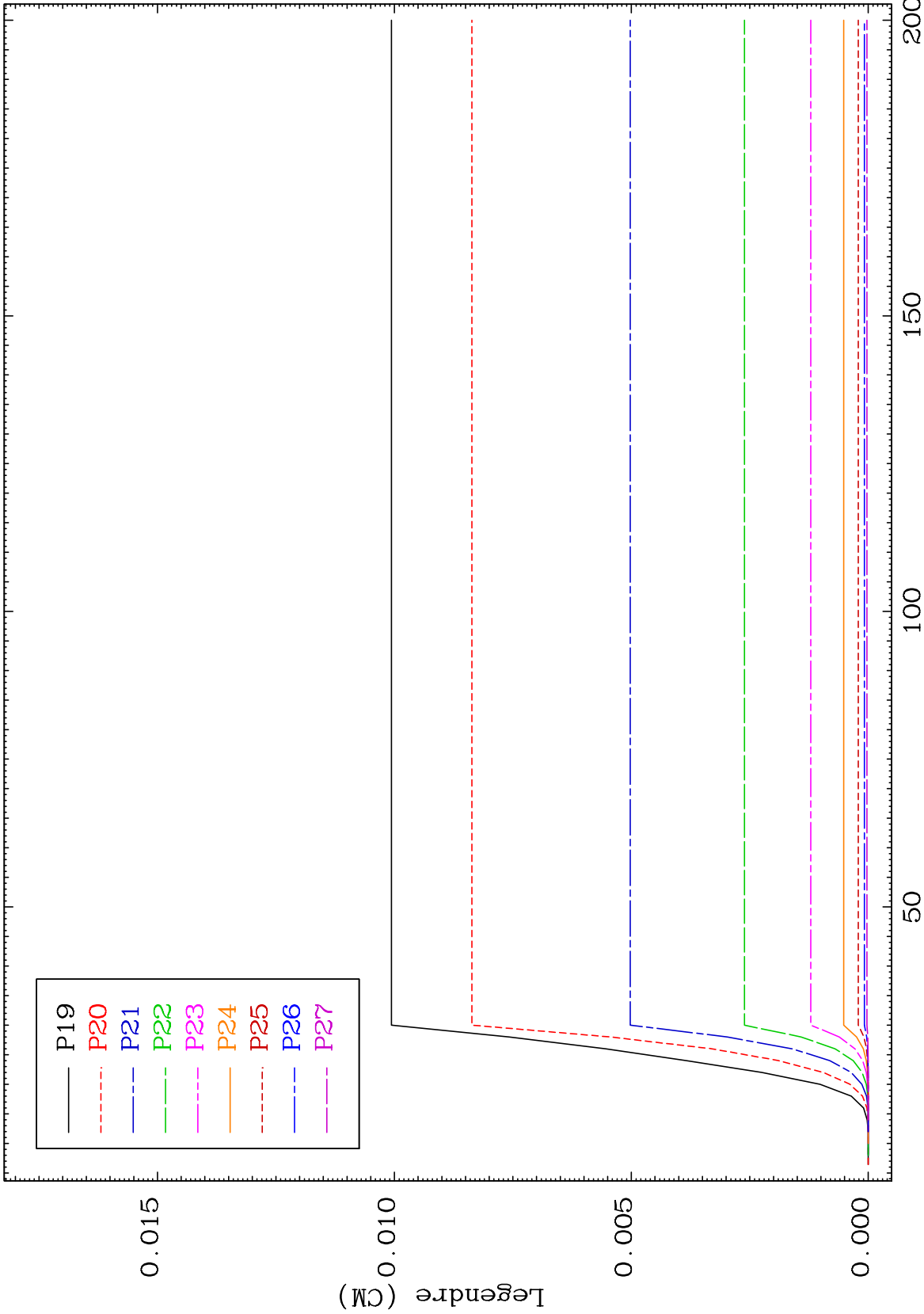
Incident Energy (MeV)

68-Er-148

MAT 6783

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

68-Er-148



19

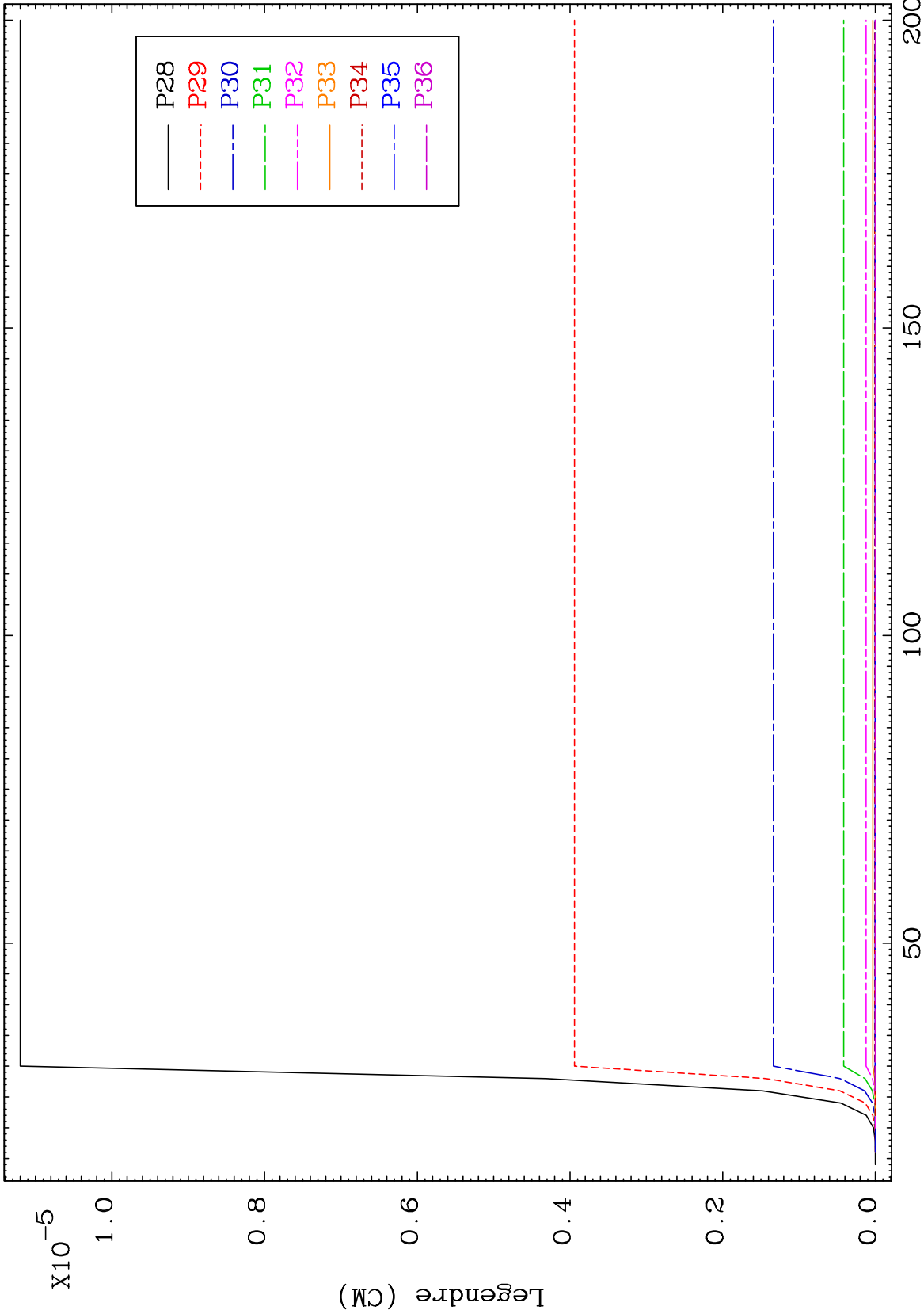
Incident Energy (MeV)

68-Er-148

MAT 6783

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

68-Er-148



20

50

100

150

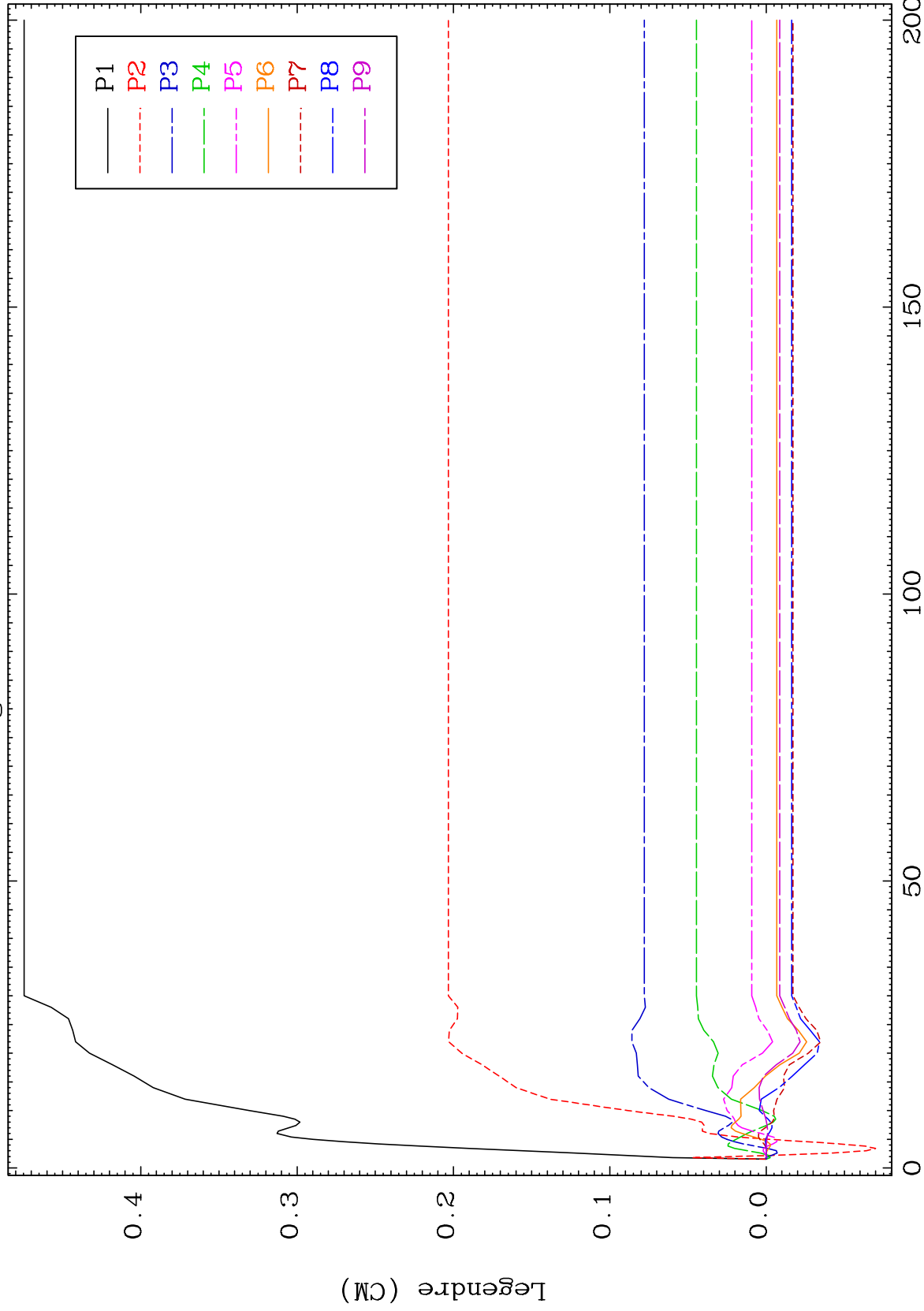
200

68-Er-148

MAT 6783

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

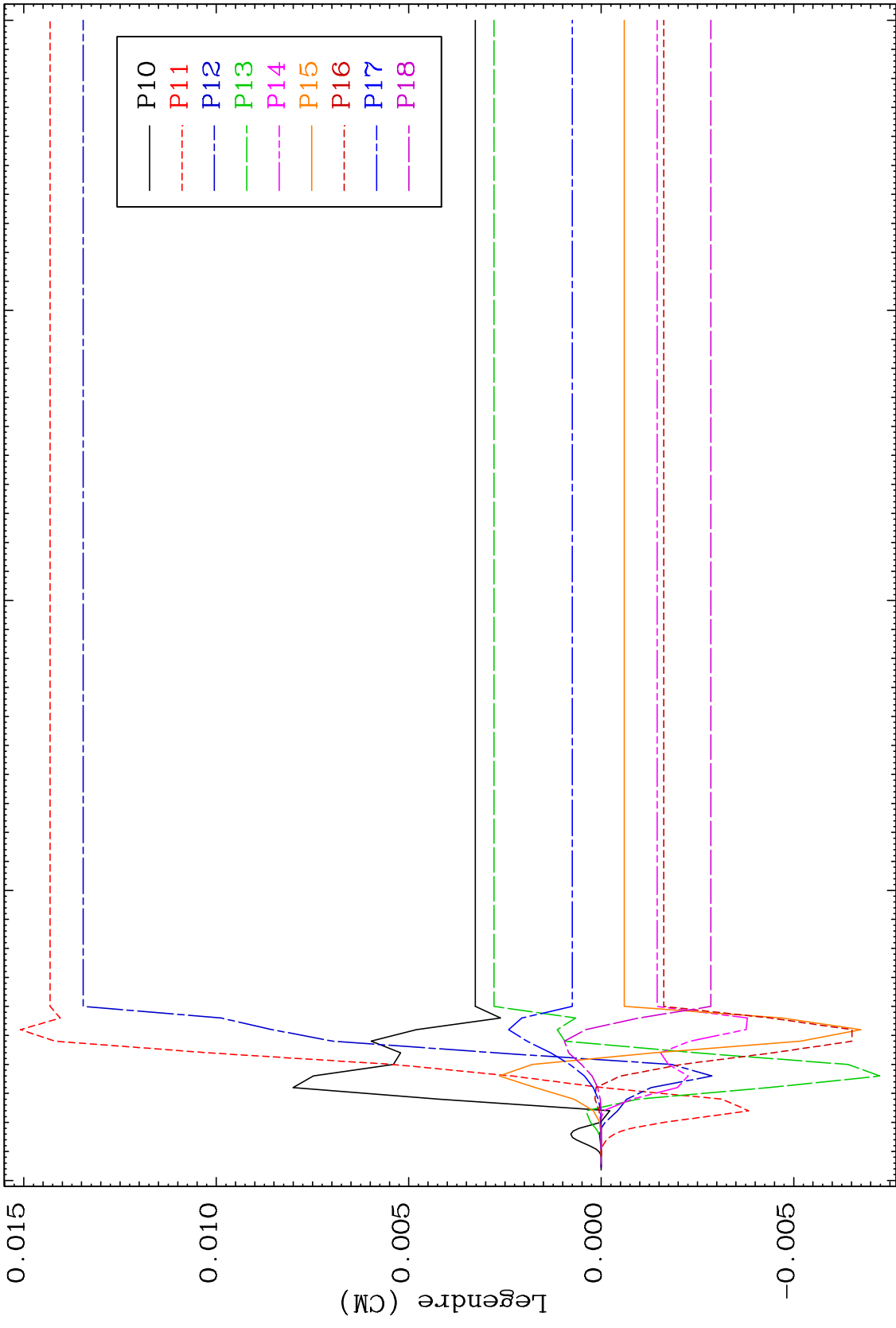
68-Er-148



21

68-Er-148

MAT 6783 MT= 52 (n,n') Level Legendre Coefficients 68-Er-148

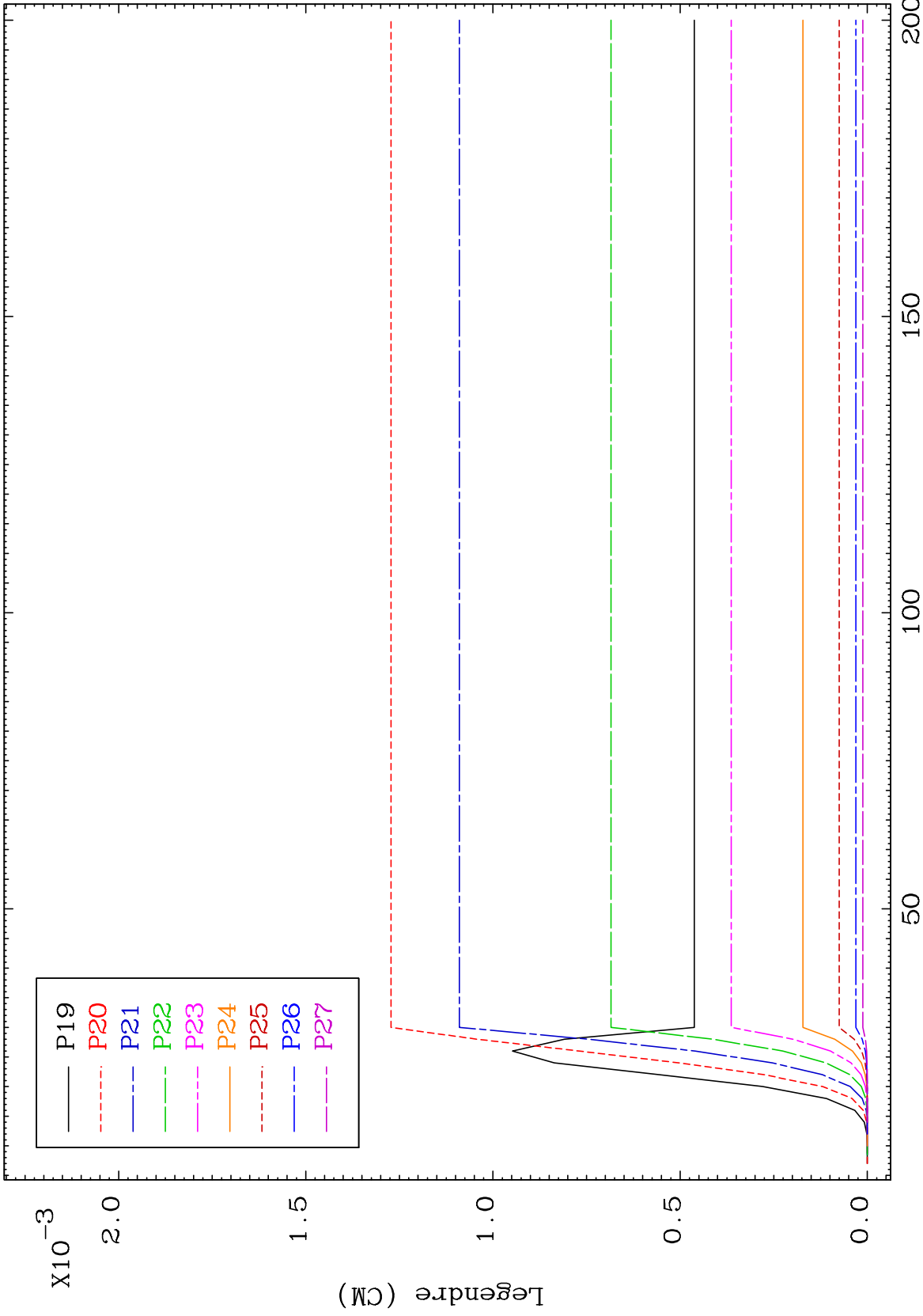


22 68-Er-148

MAT 6783

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

68-Er-148



23

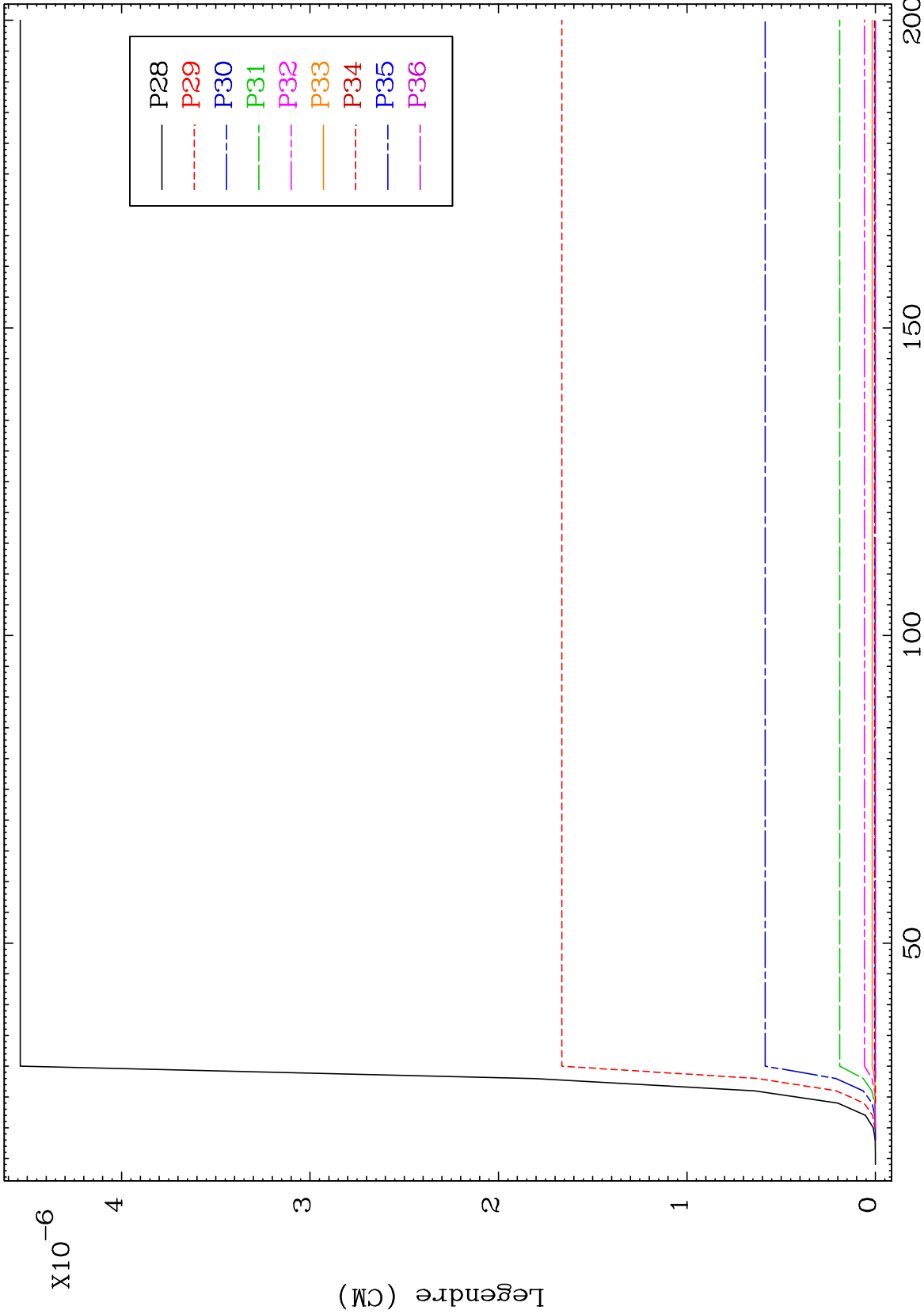
Incident Energy (MeV)

68-Er-148

MAT 6783

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

68-Er-148



24

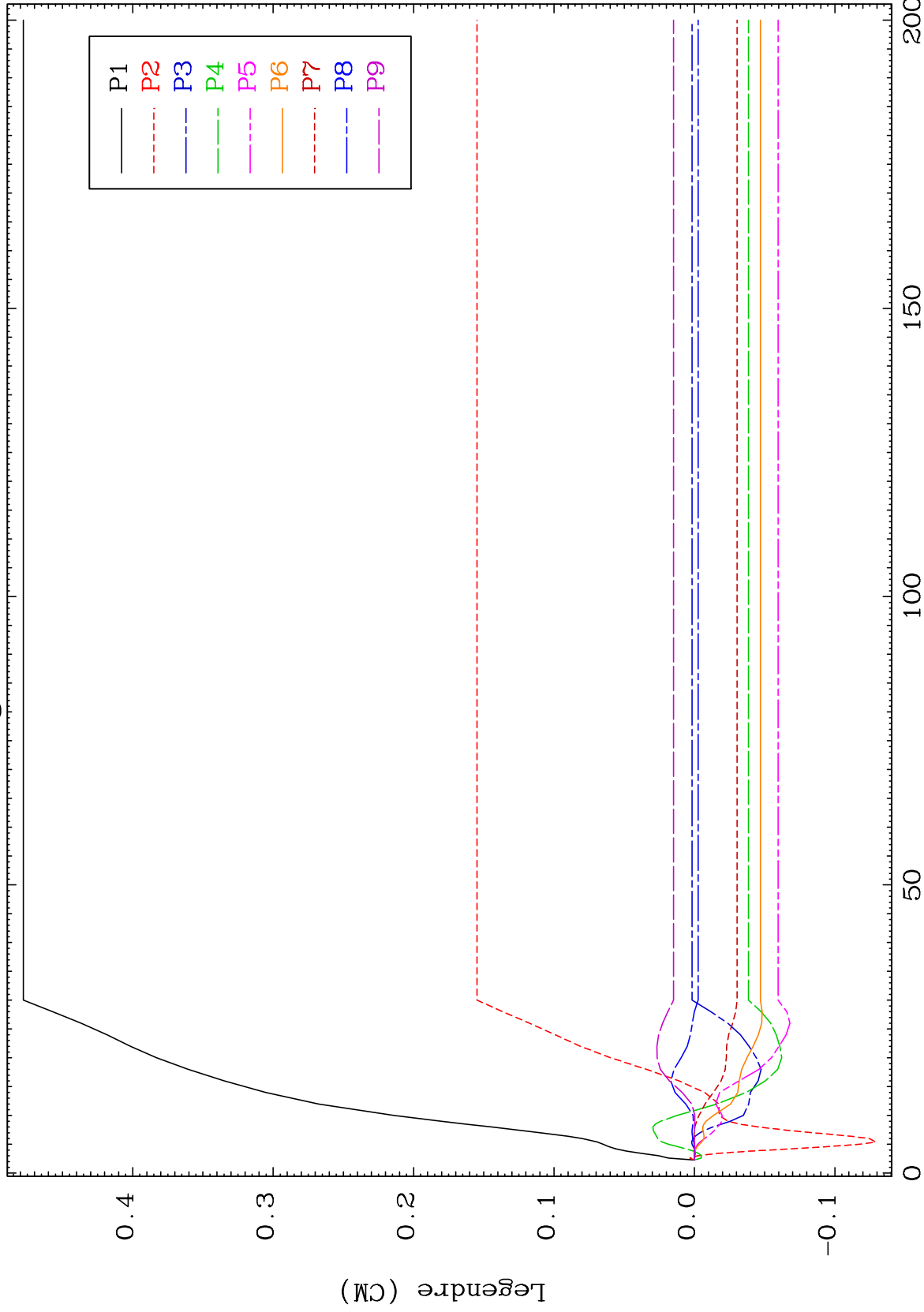
Incident Energy (MeV)

68-Er-148

MAT 6783

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

68-Er-148



25

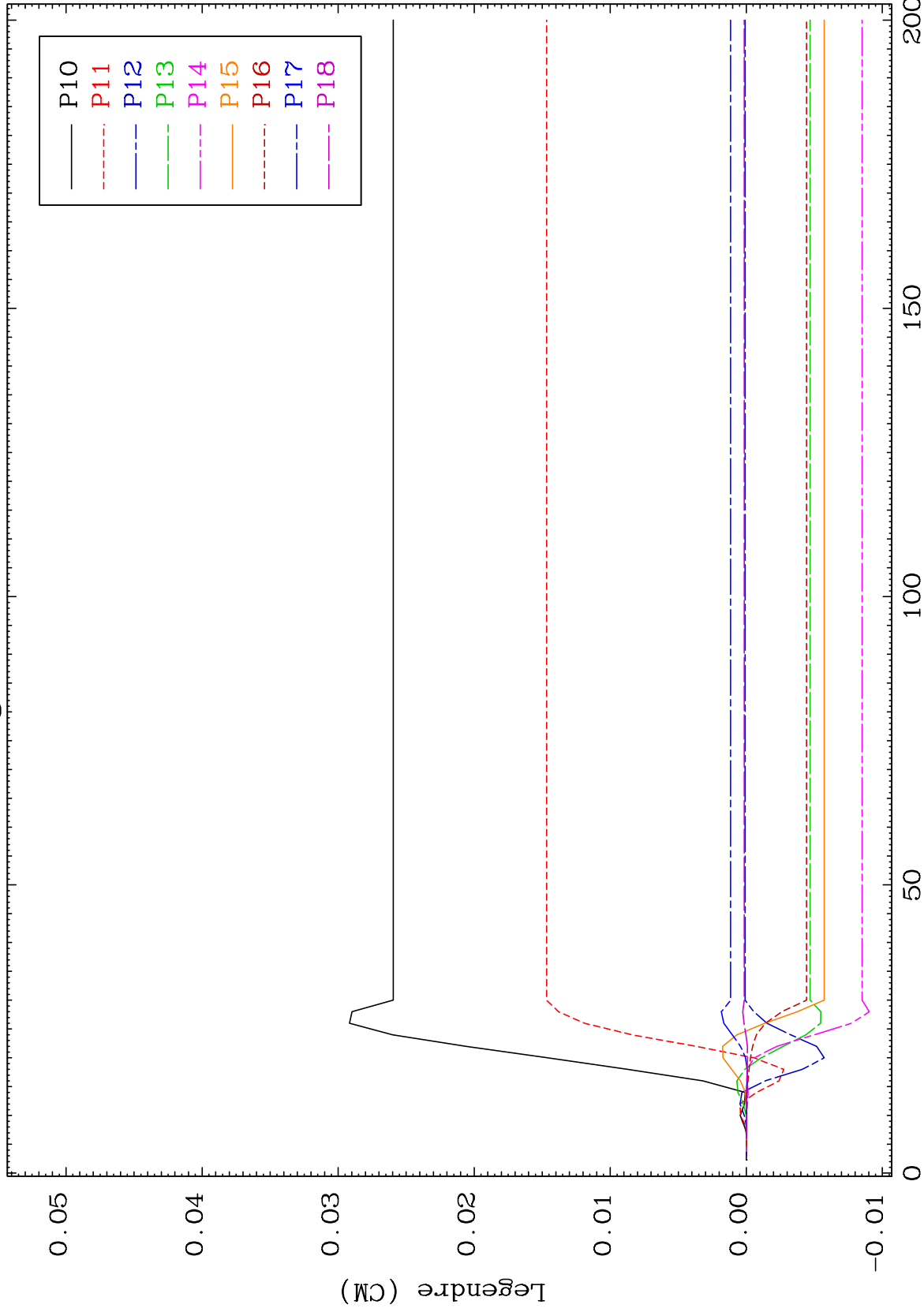
Incident Energy (MeV)

68-Er-148

MAT 6783

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

68-Er-148



26

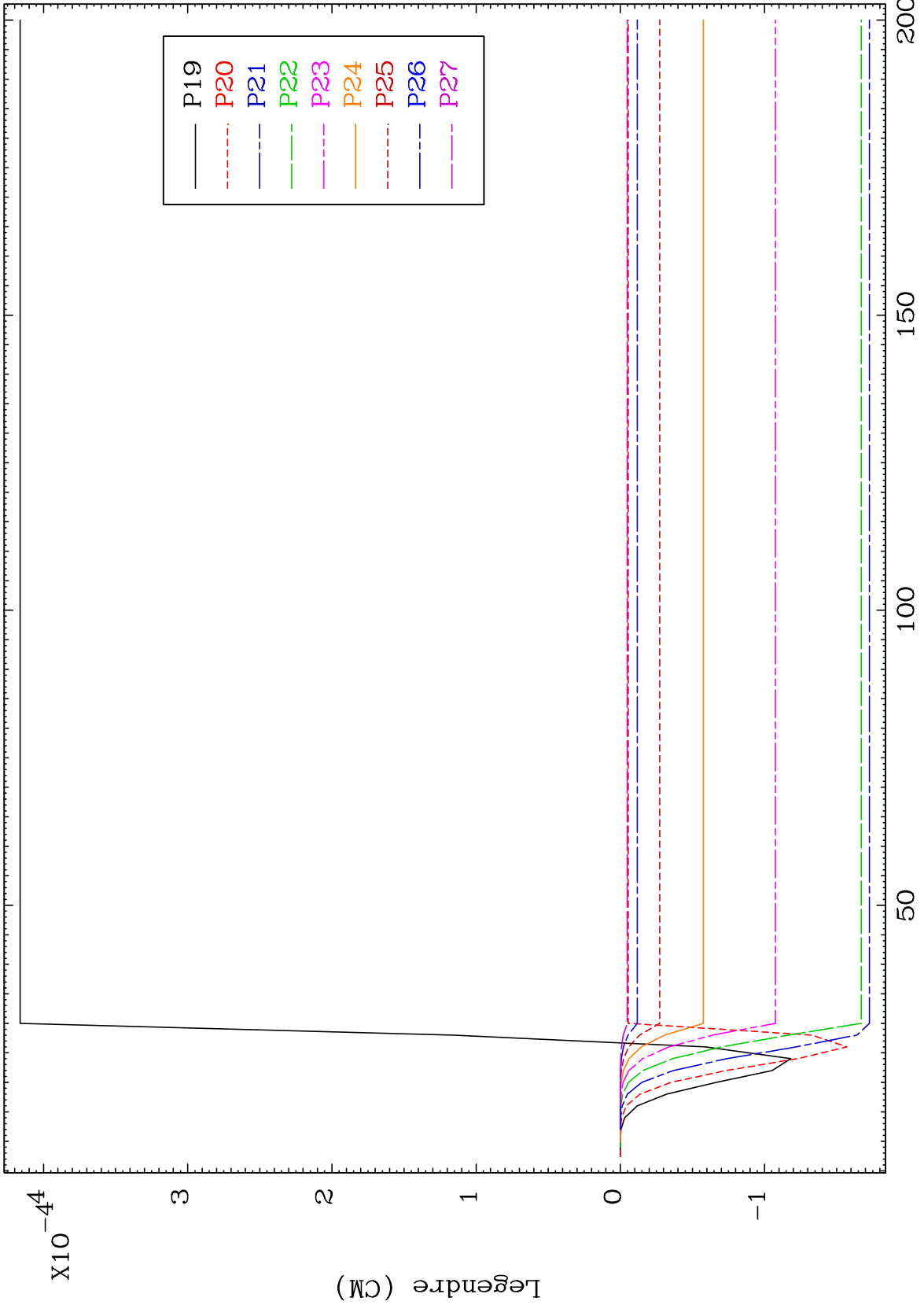
Incident Energy (MeV)

68-Er-148

MAT 6783

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

68-Er-148



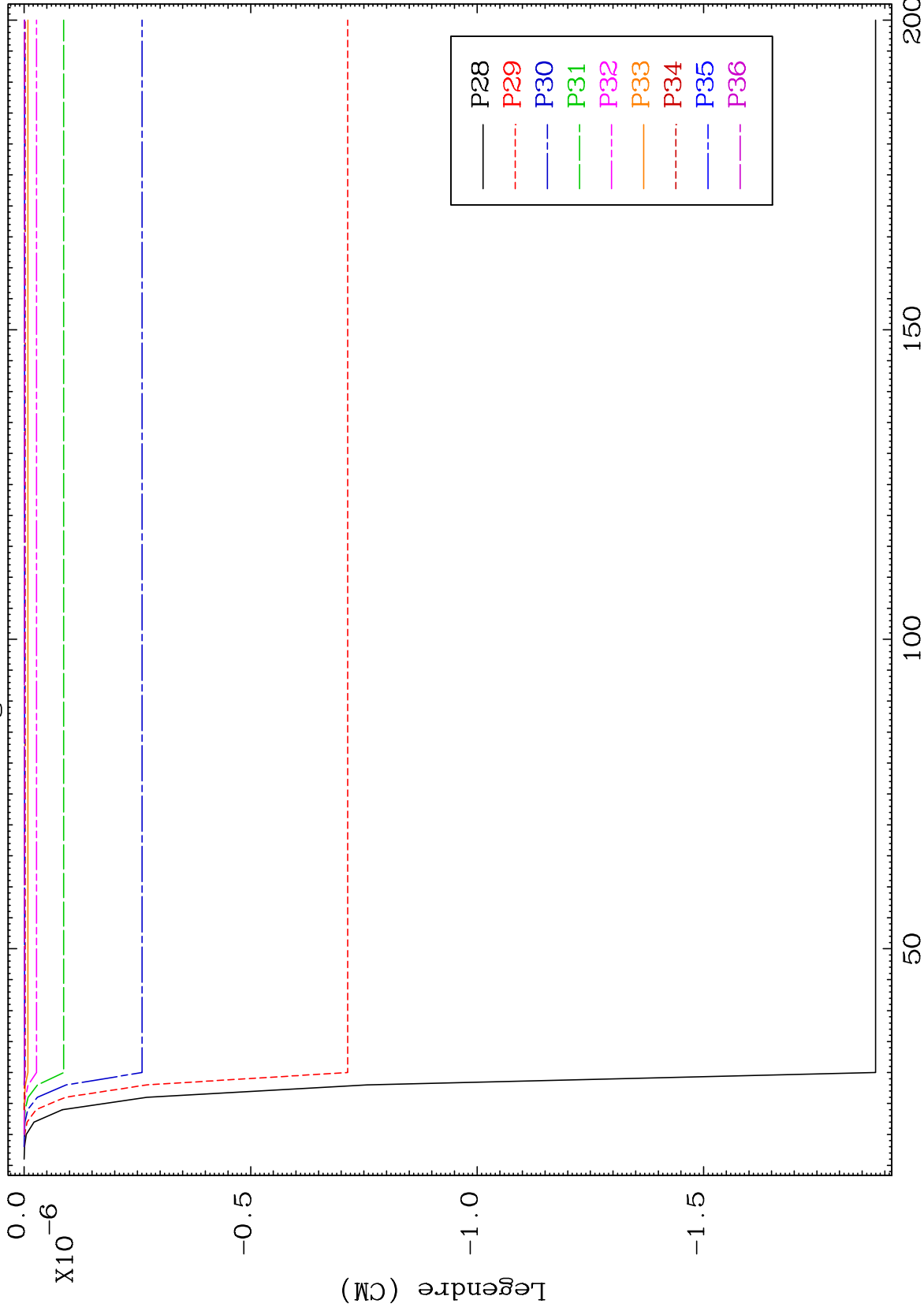
27

68-Er-148

MAT 6783

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

68-Er-148



28

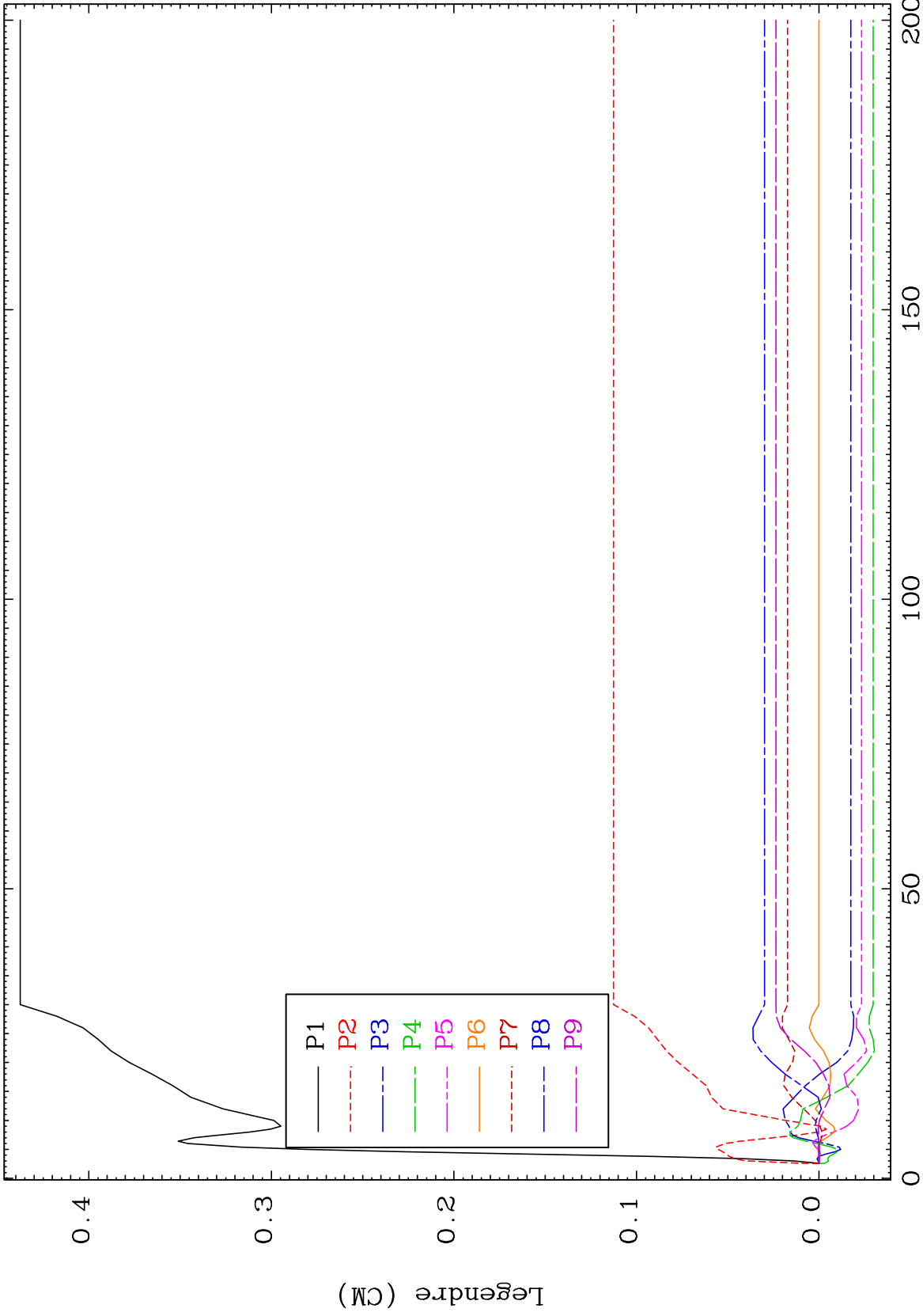
Incident Energy (MeV)

68-Er-148

MAT 6783

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

68-Er-148



29

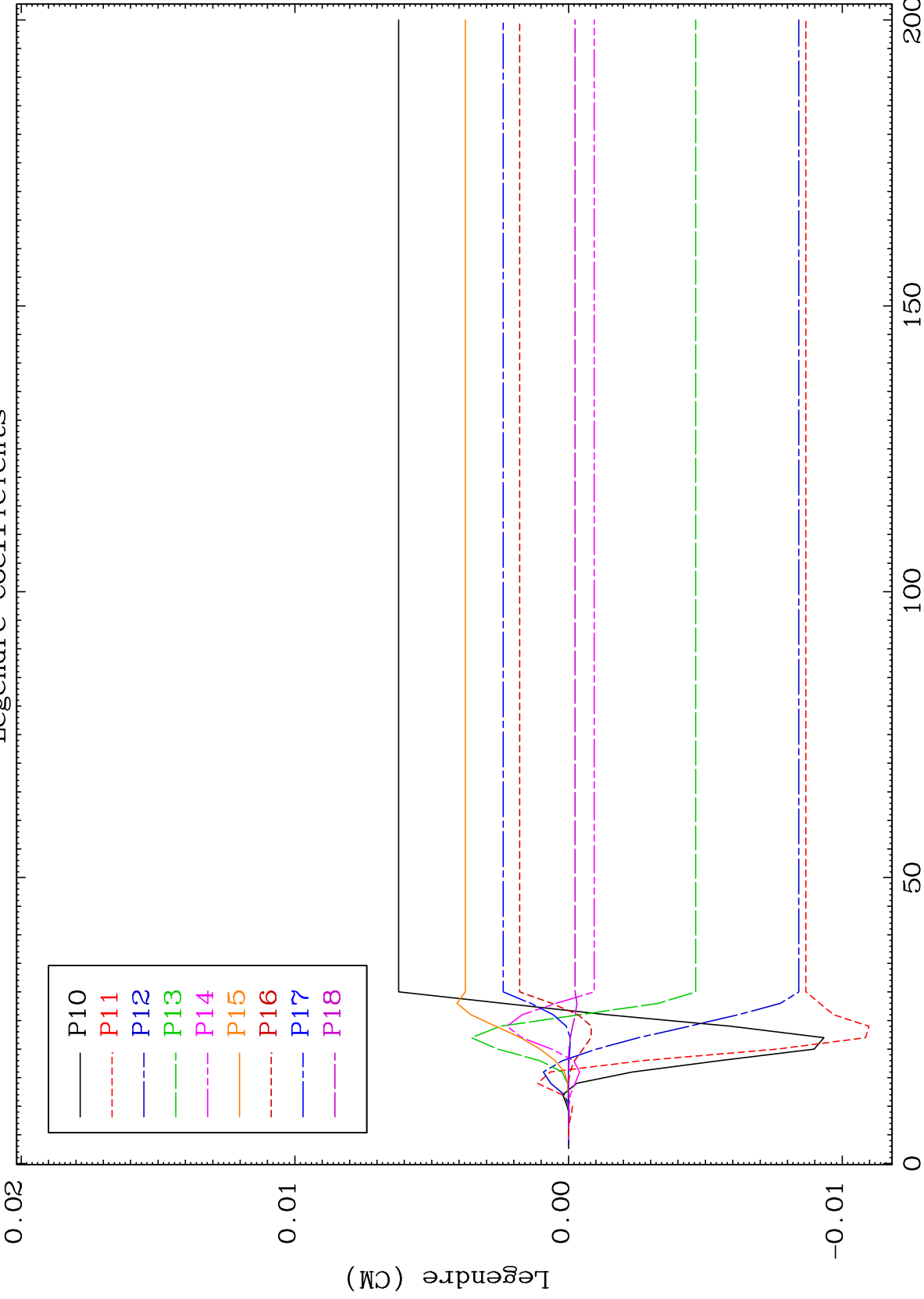
Incident Energy (MeV)

68-Er-148

MAT 6783

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

68-Er-148



30

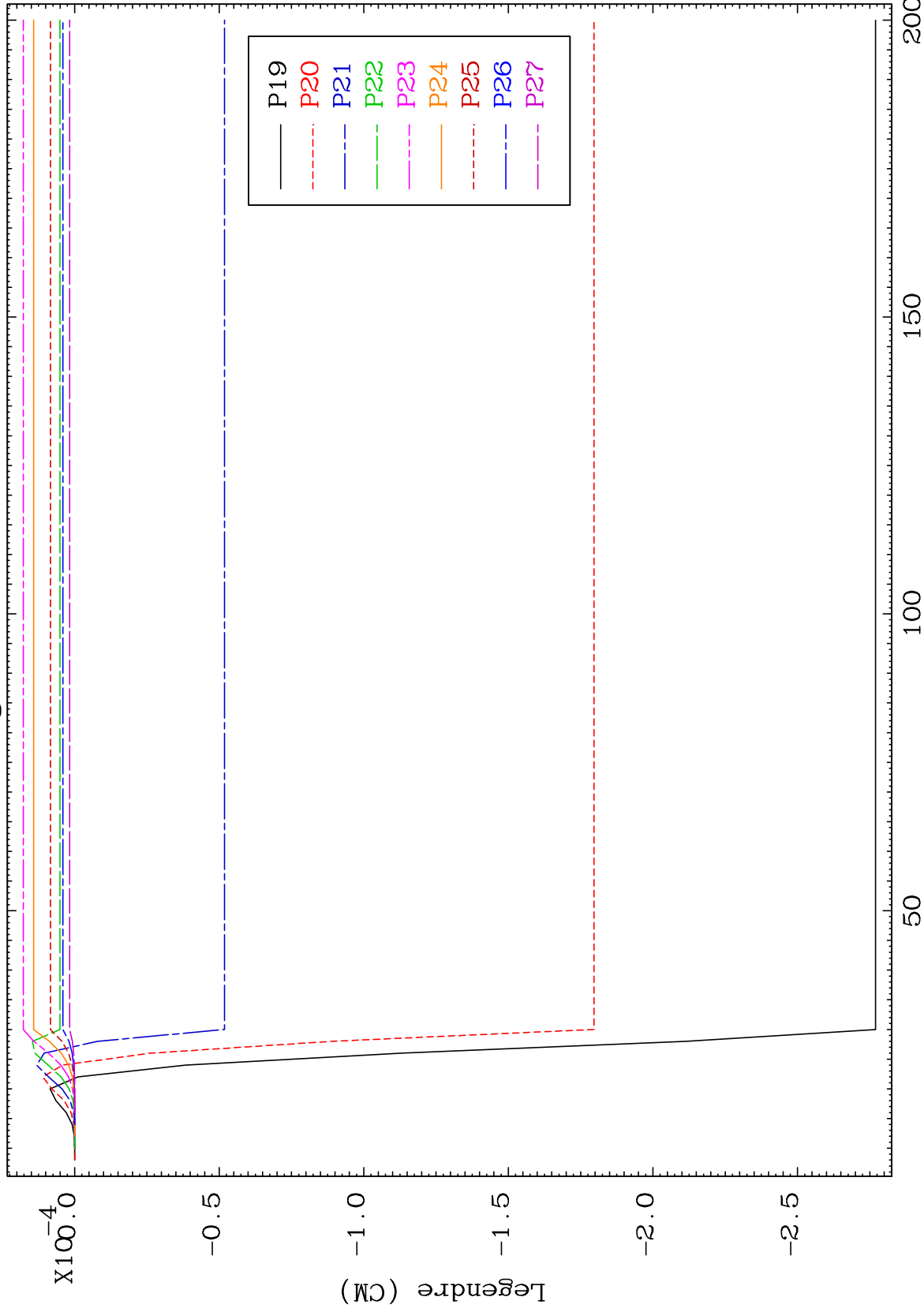
Incident Energy (MeV)

68-Er-148

MAT 6783

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

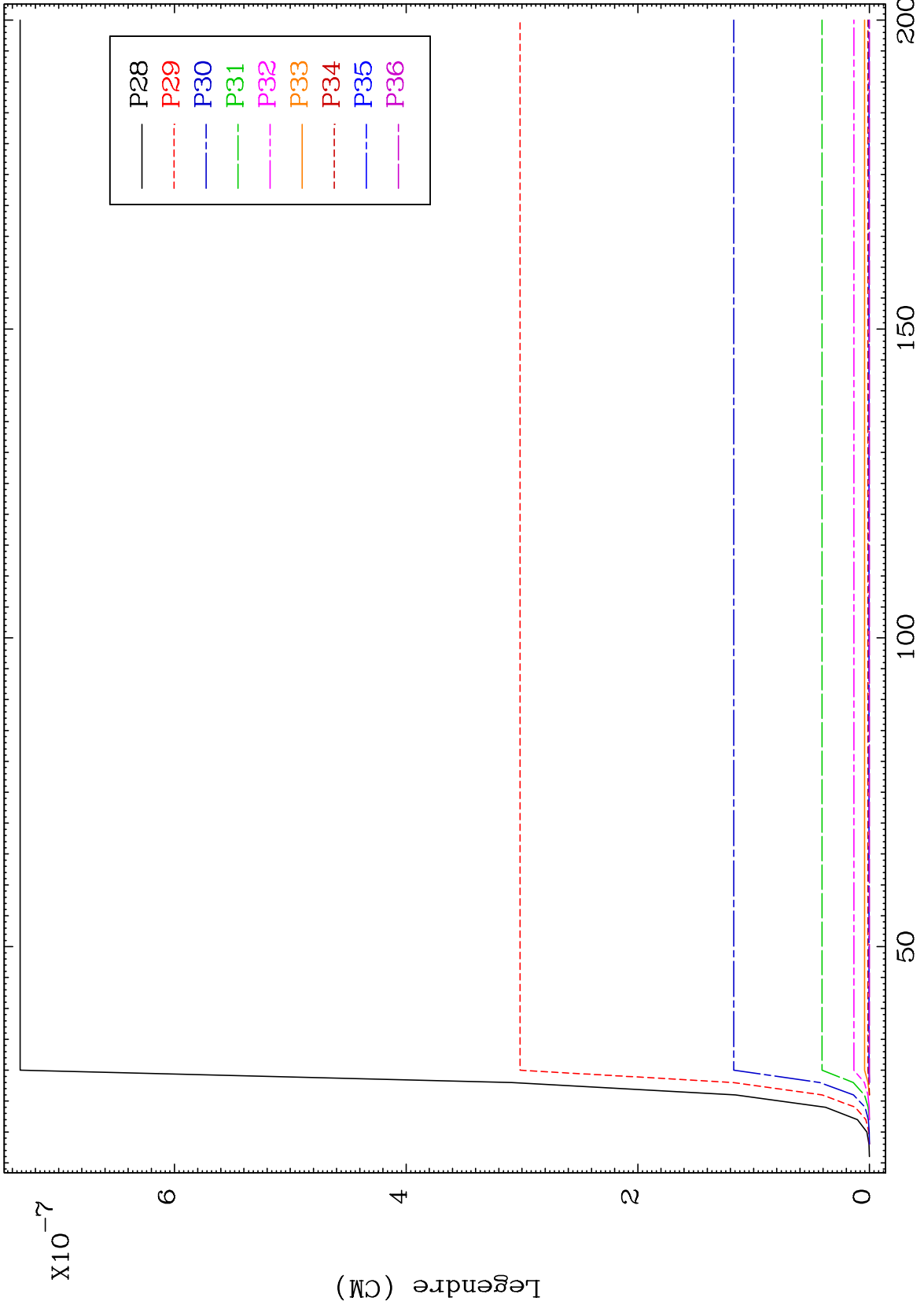
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MAT 6783

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

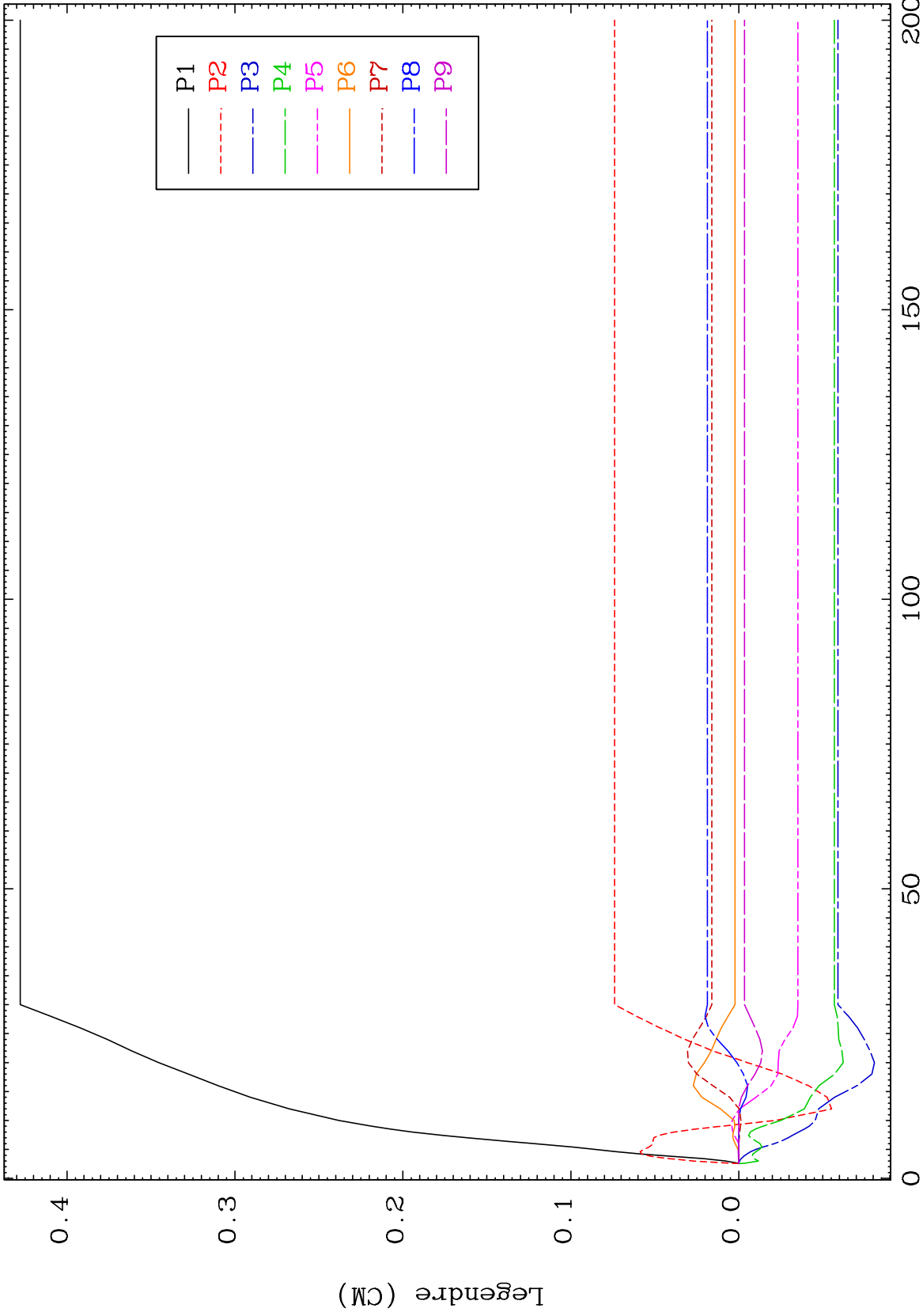
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32

Incident Energy (MeV)

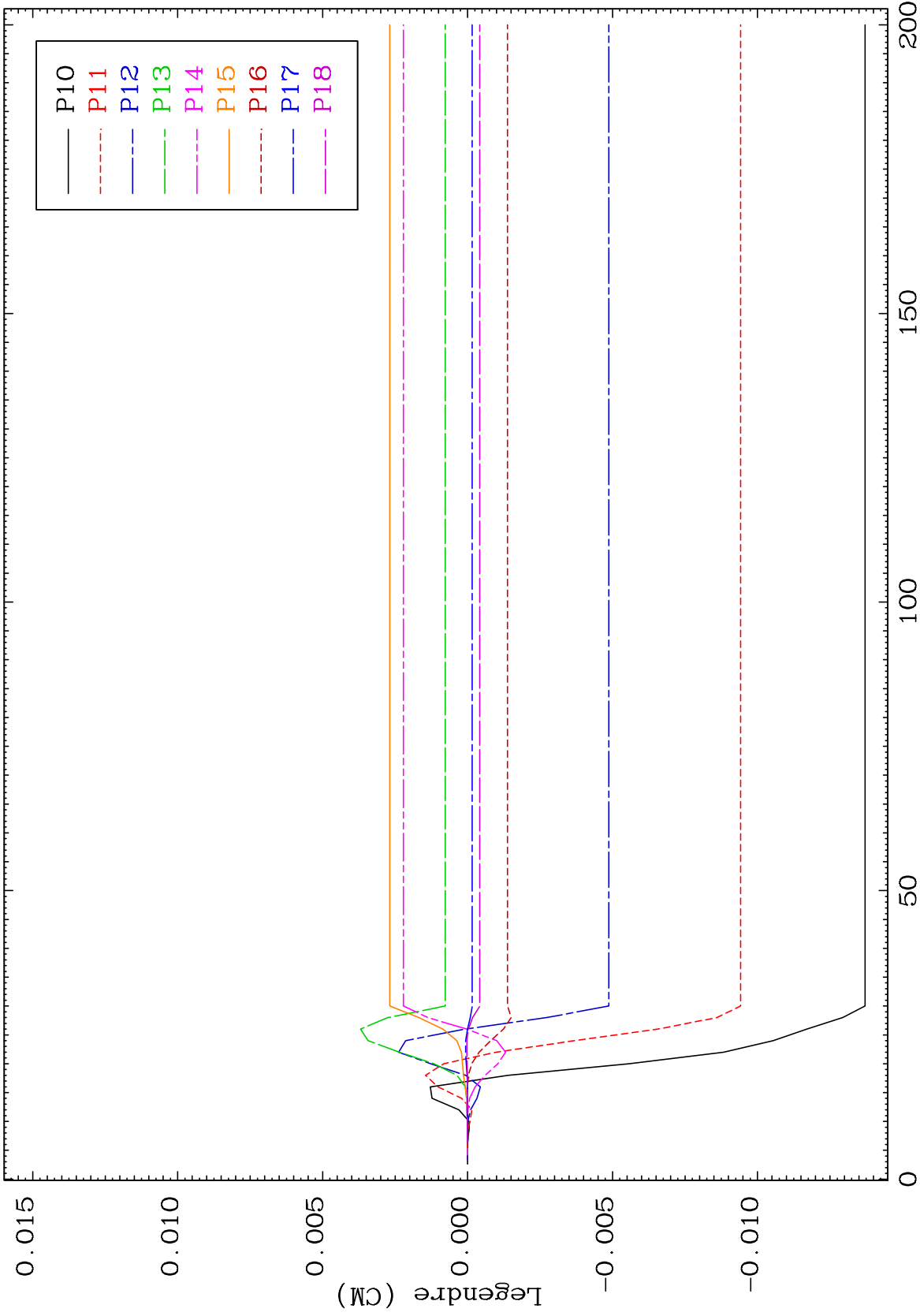
68-Er-148



MAT 6783

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

68-Er-148



34

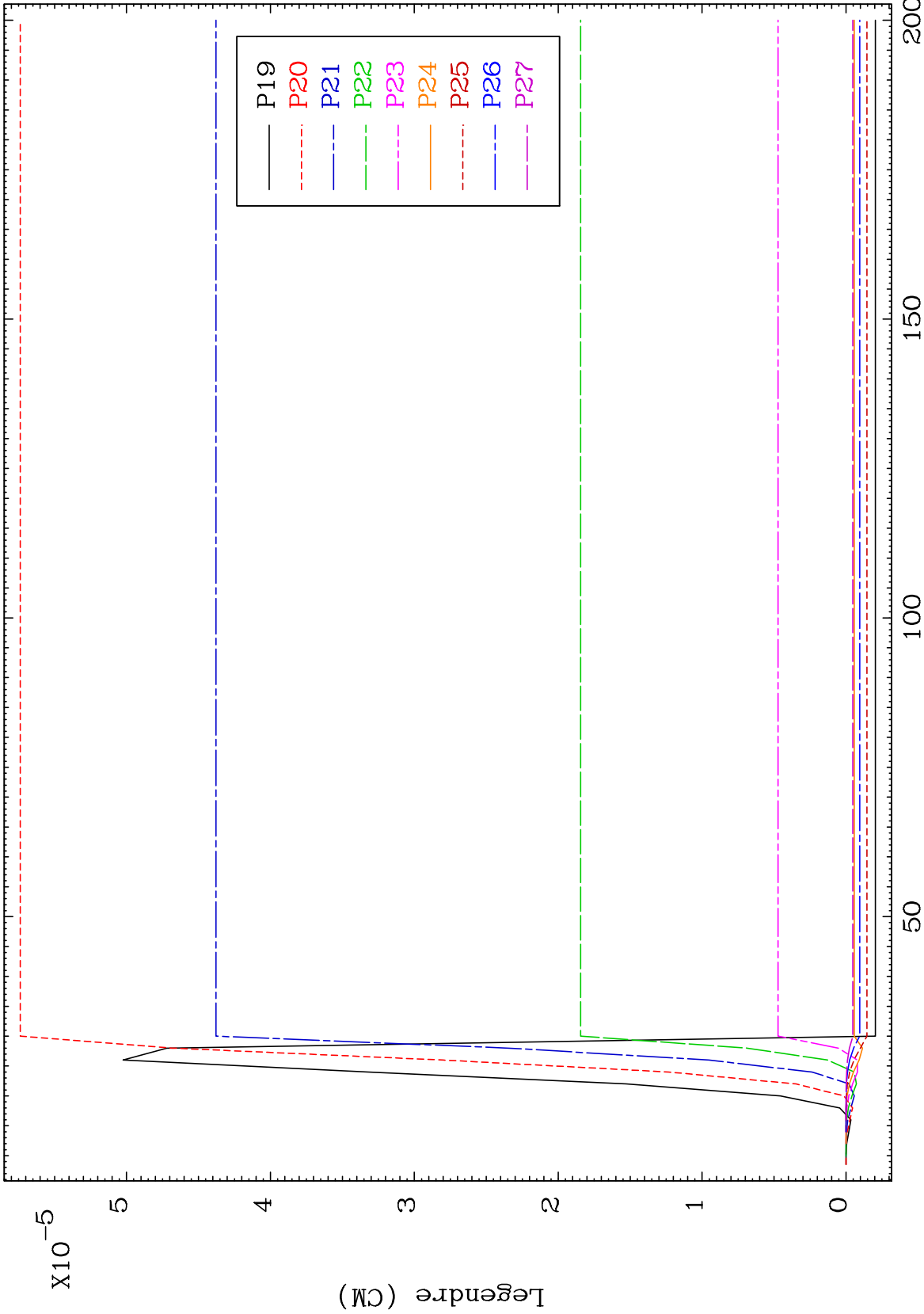
Incident Energy (MeV)

68-Er-148

MAT 6783

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

68-Er-148



35

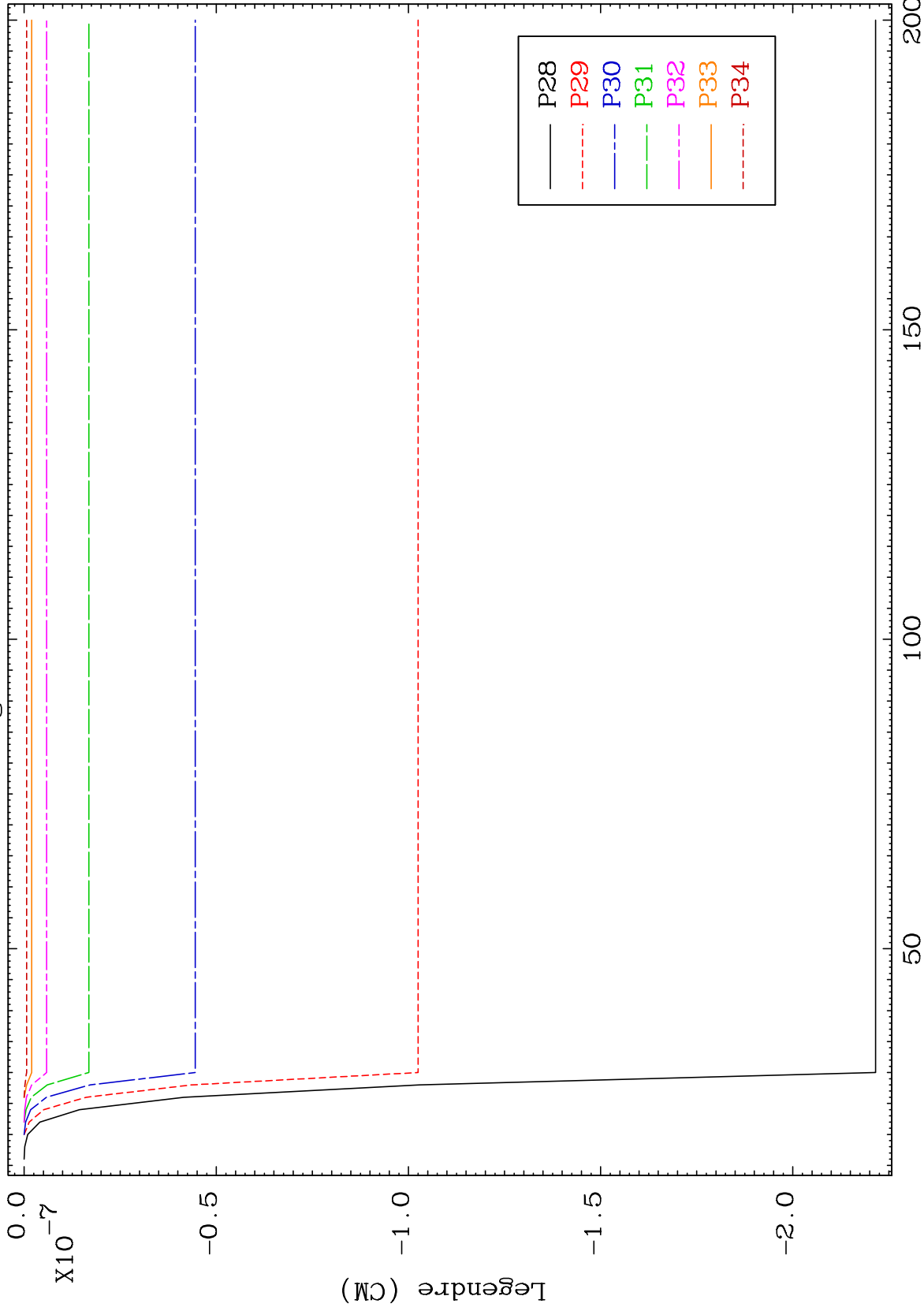
Incident Energy (MeV)

68-Er-148

MAT 6783

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

68-Er-148



36

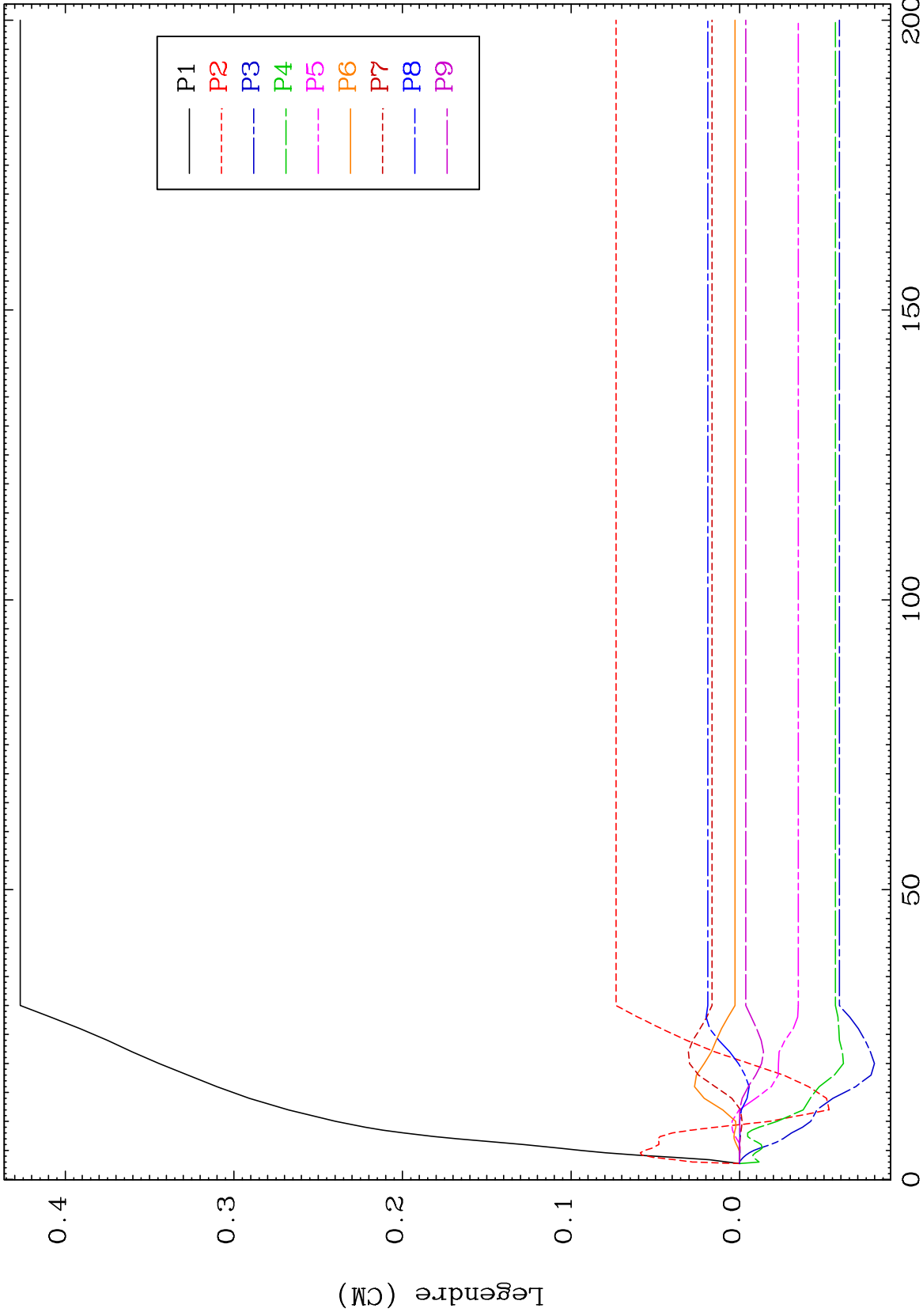
Incident Energy (MeV)

68-Er-148

MAT 6783

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

68-Er-148



37

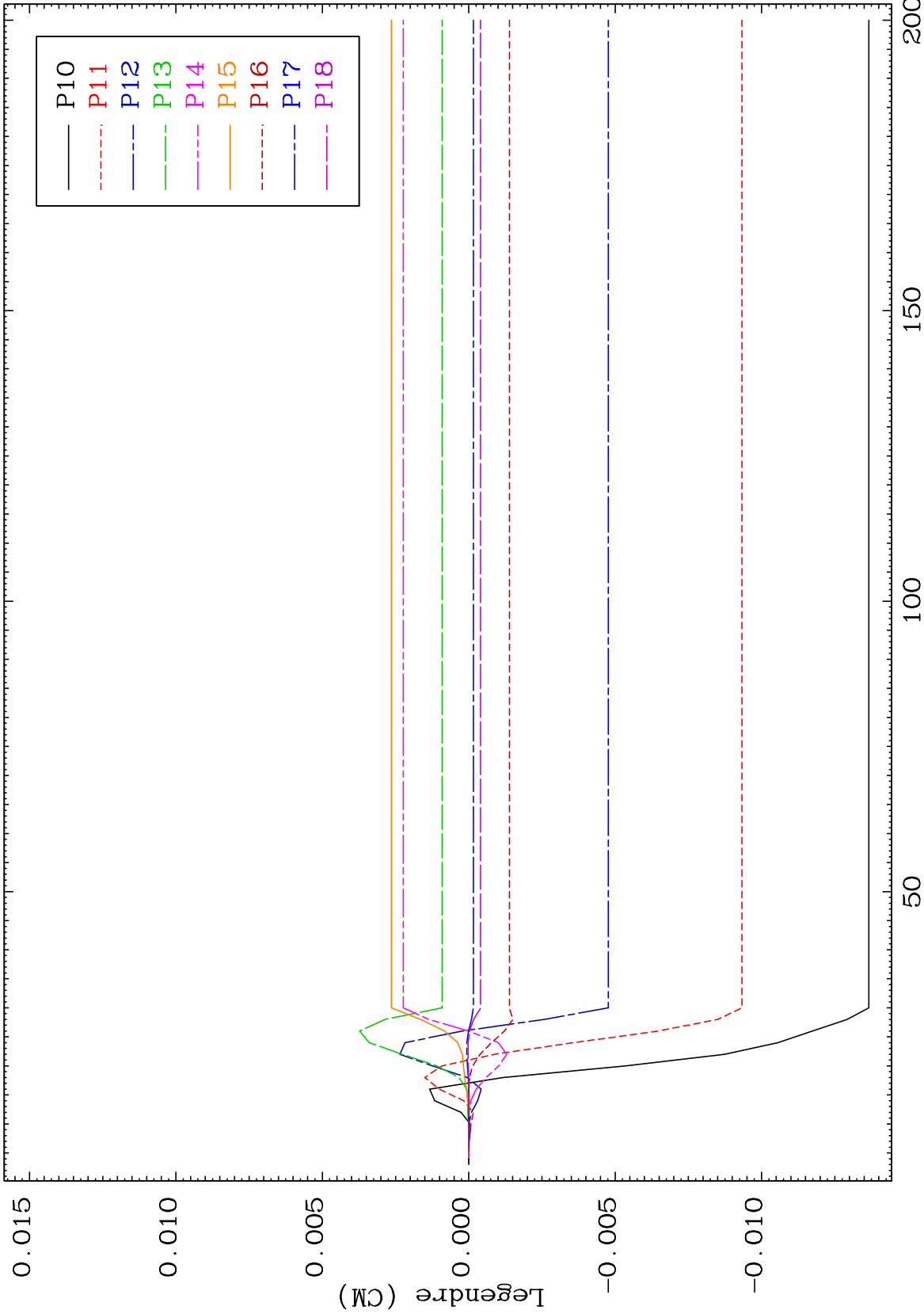
Incident Energy (MeV)

68-Er-148

MAT 6783

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

68-Er-148



38

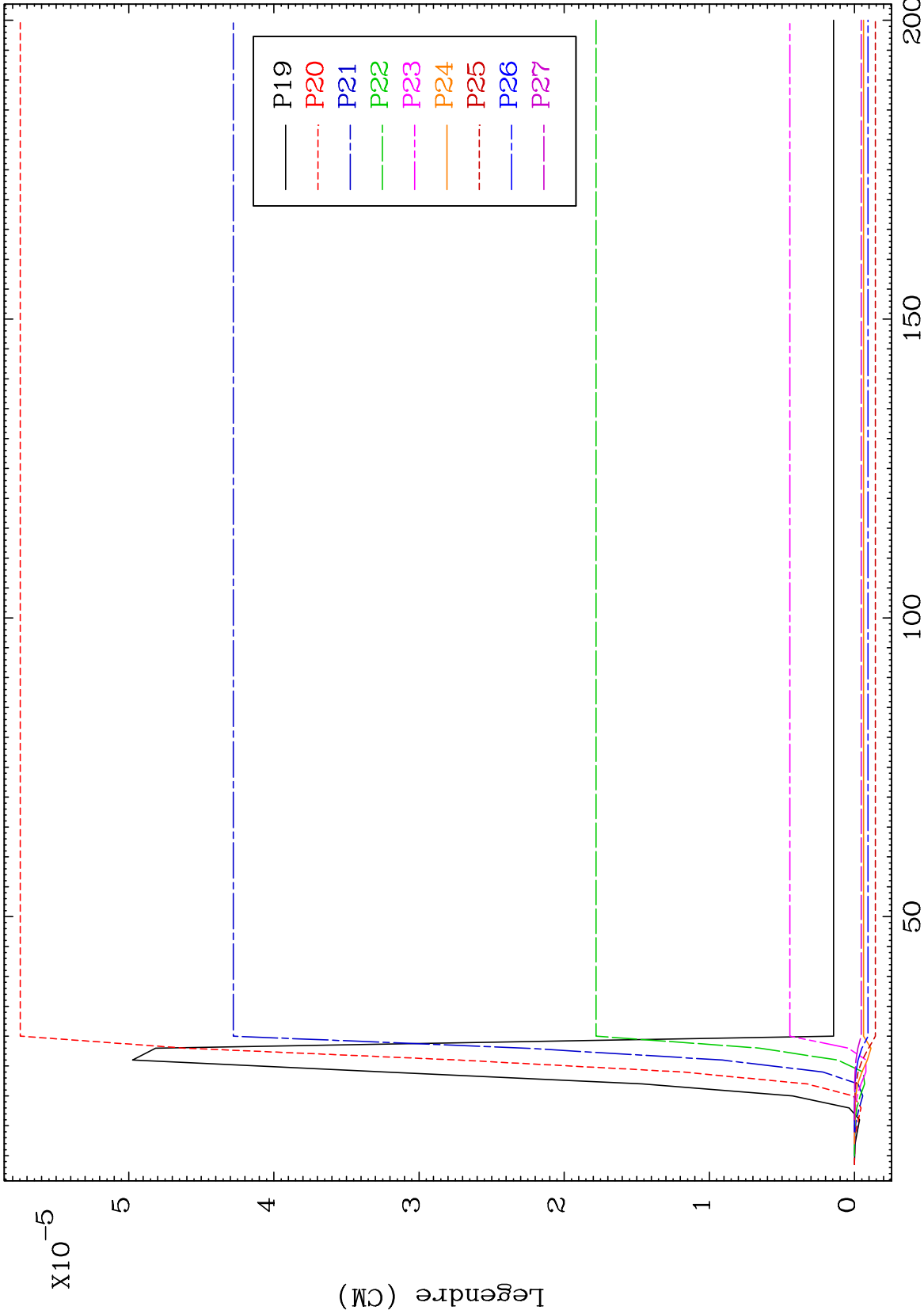
Incident Energy (MeV)

68-Er-148

MAT 6783

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

68-Er-148



39

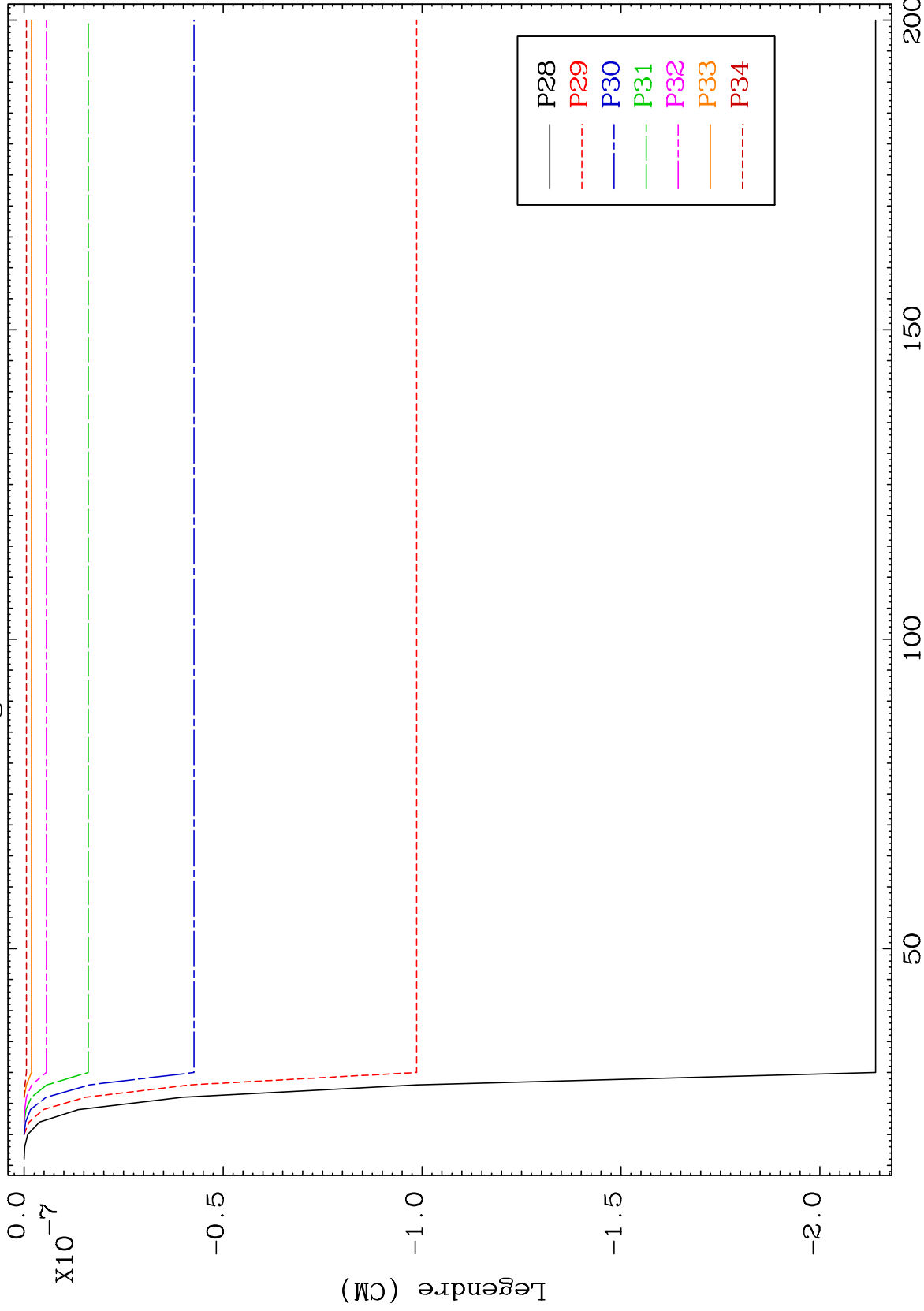
Incident Energy (MeV)

68-Er-148

MAT 6783

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

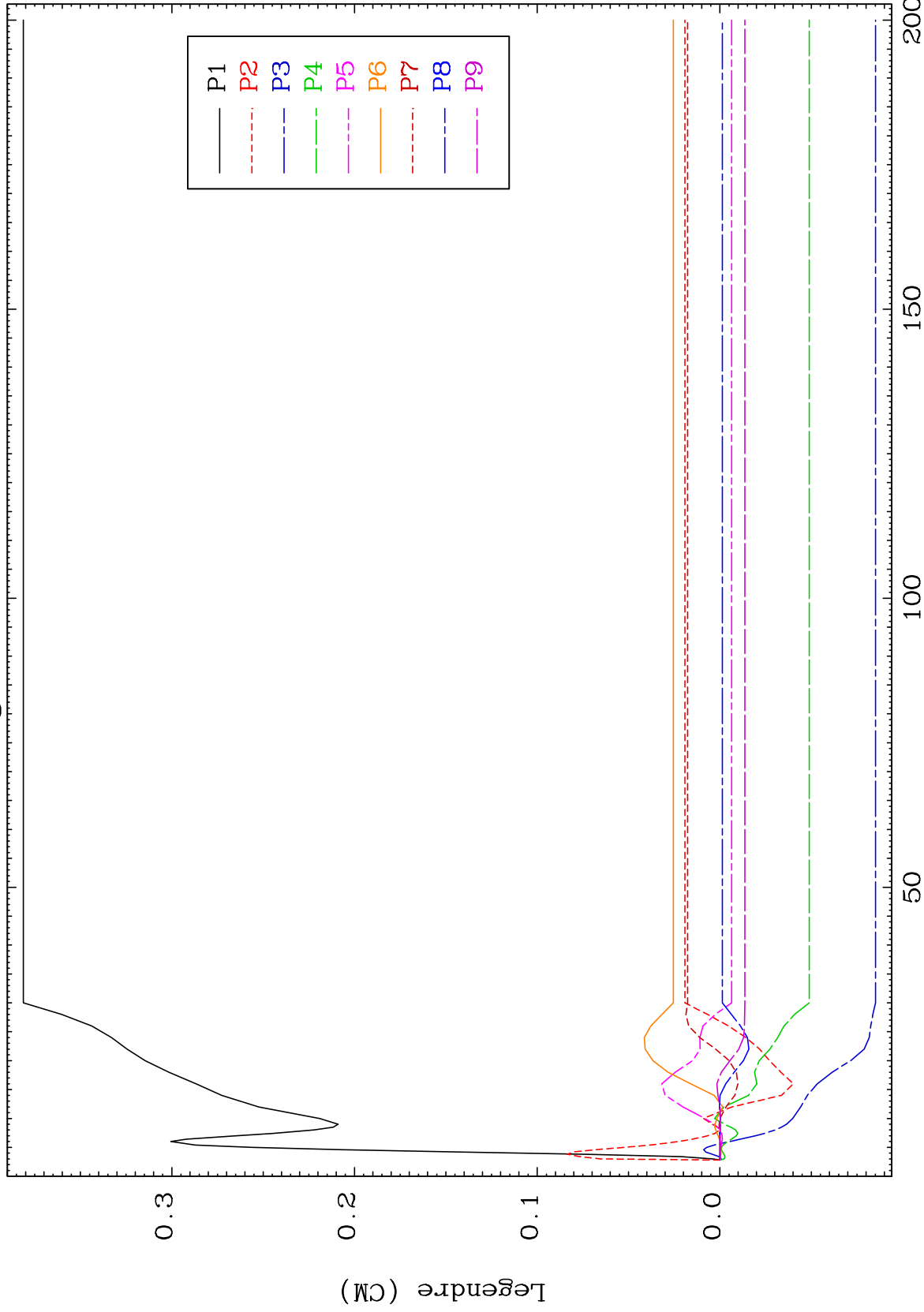
68-Er-148



68-Er-148

Incident Energy (MeV)

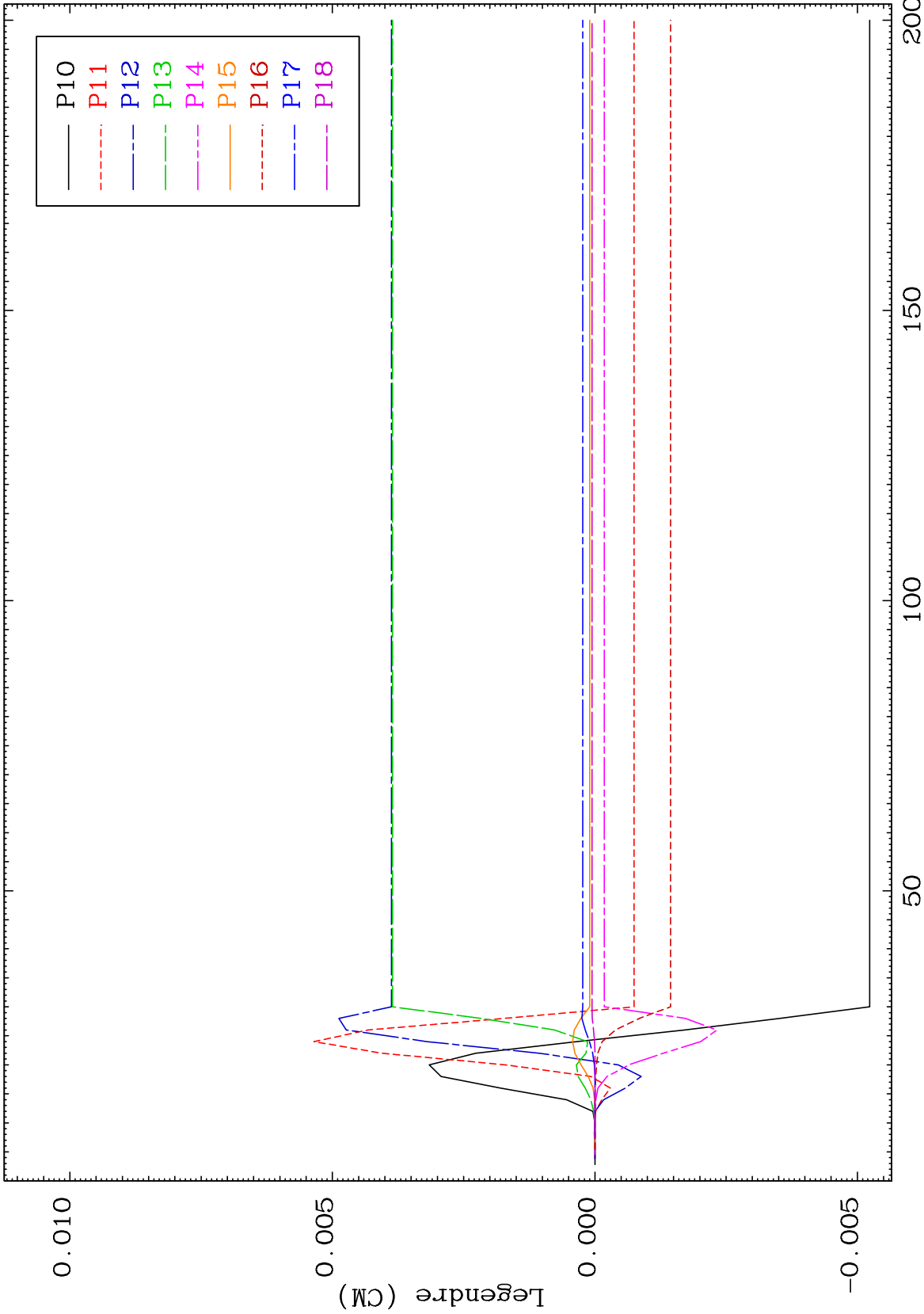
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MAT 6783

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

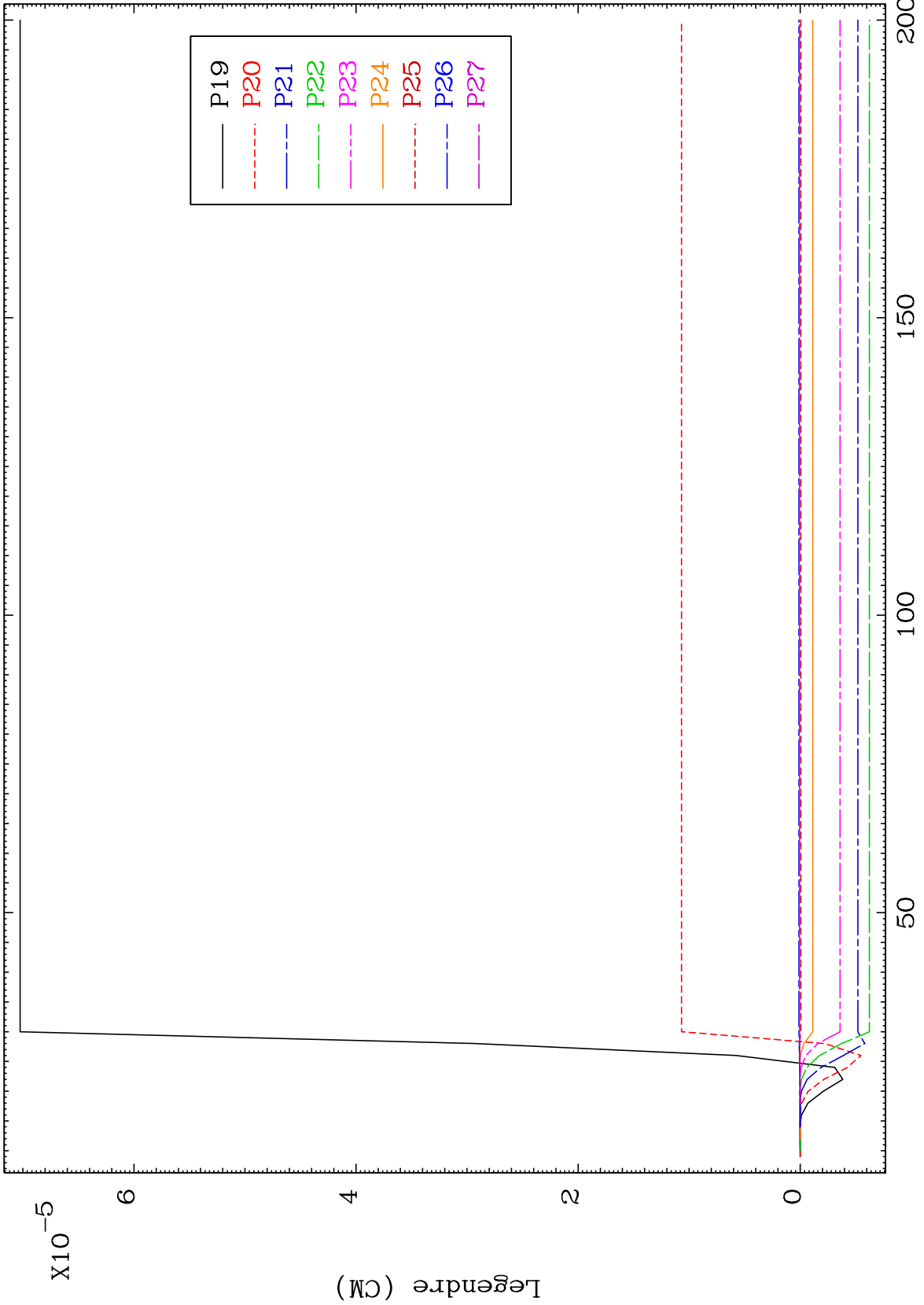
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42

Incident Energy (MeV)

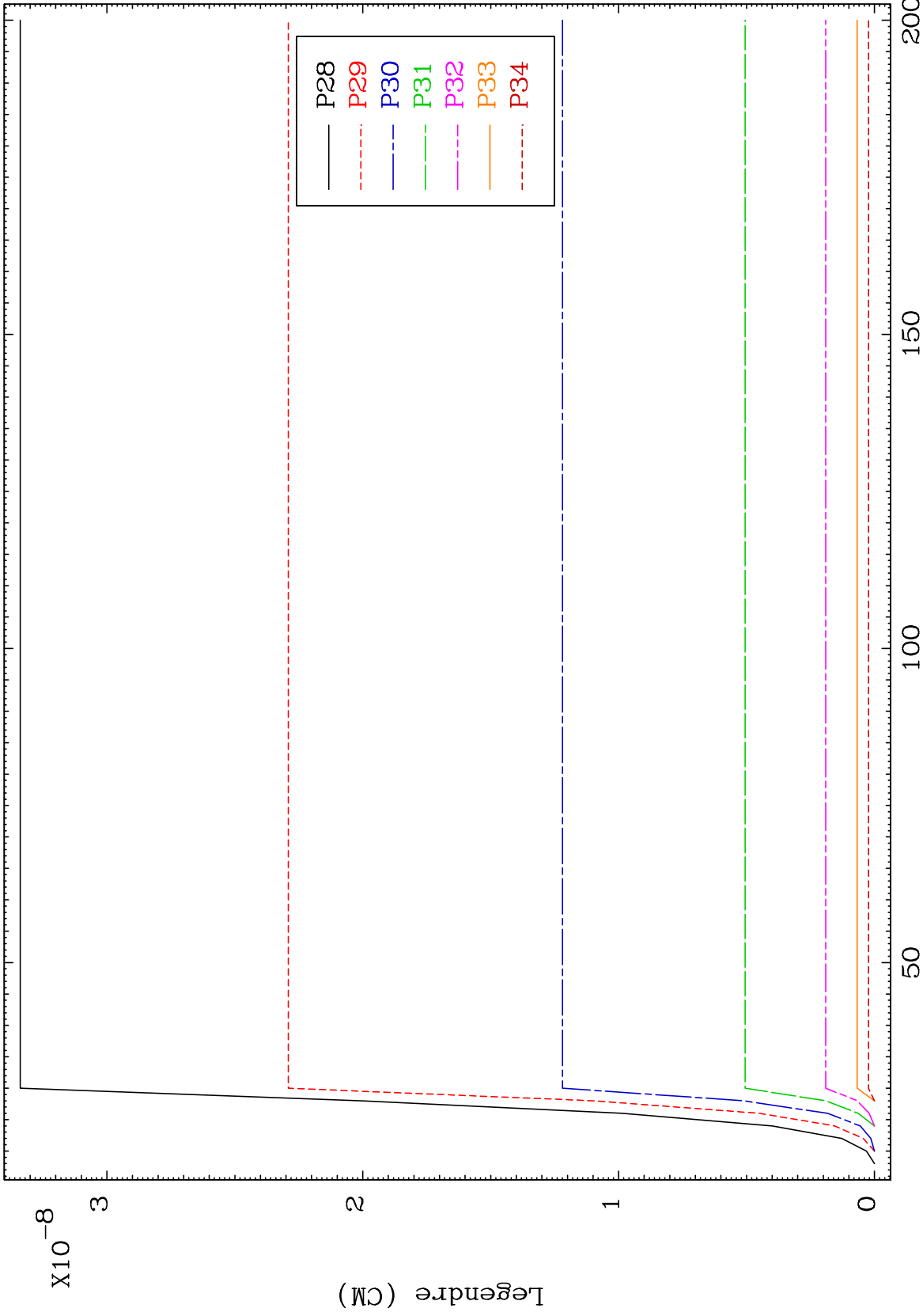
68-Er-148



MAT 6783

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

68-Er-148



44

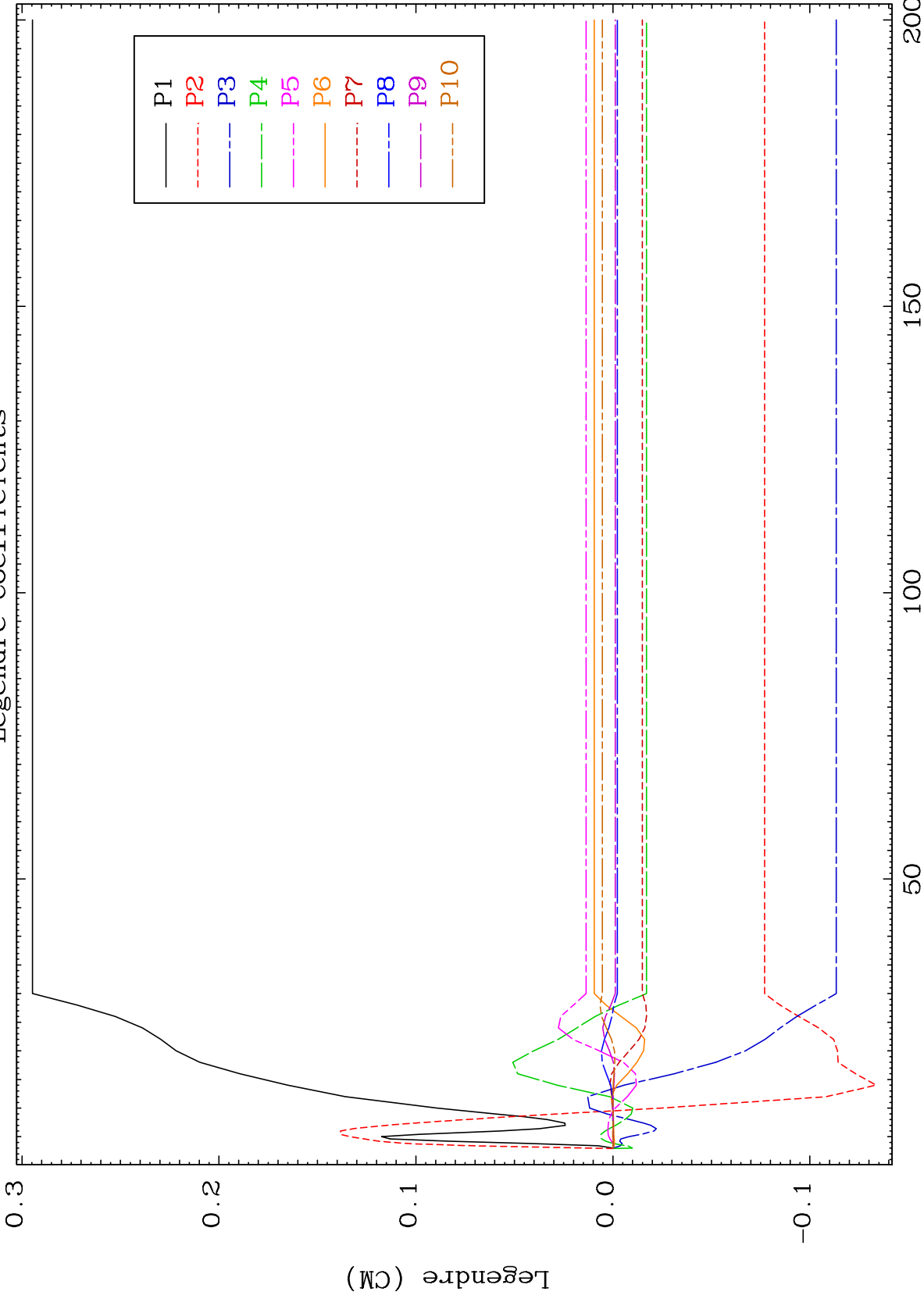
Incident Energy (MeV)

68-Er-148

MAT 6783

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

68-Er-148



45

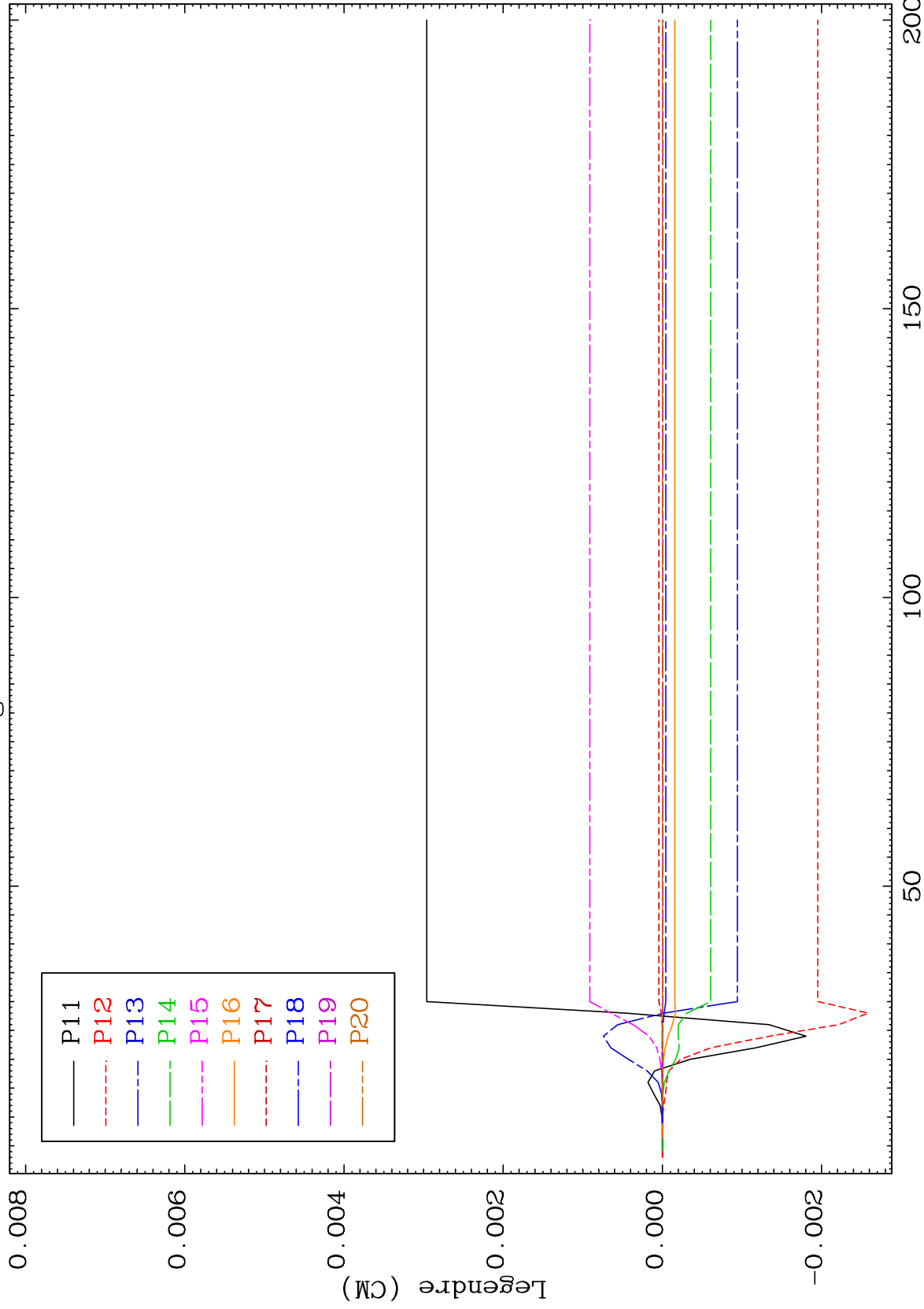
Incident Energy (MeV)

68-Er-148

MAT 6783

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

68-Er-148



46

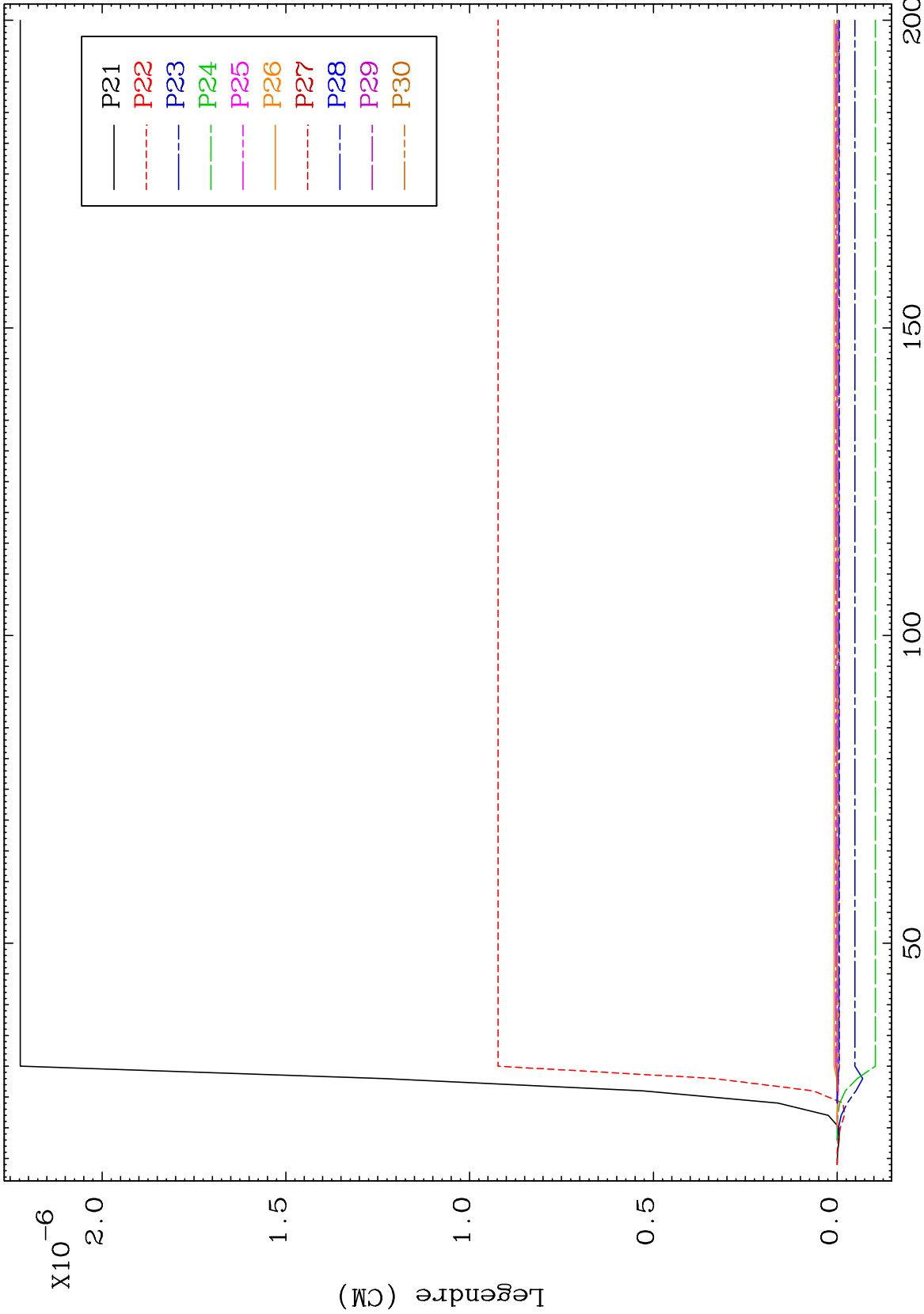
Incident Energy (MeV)

68-Er-148

MAT 6783

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

68-Er-148



47

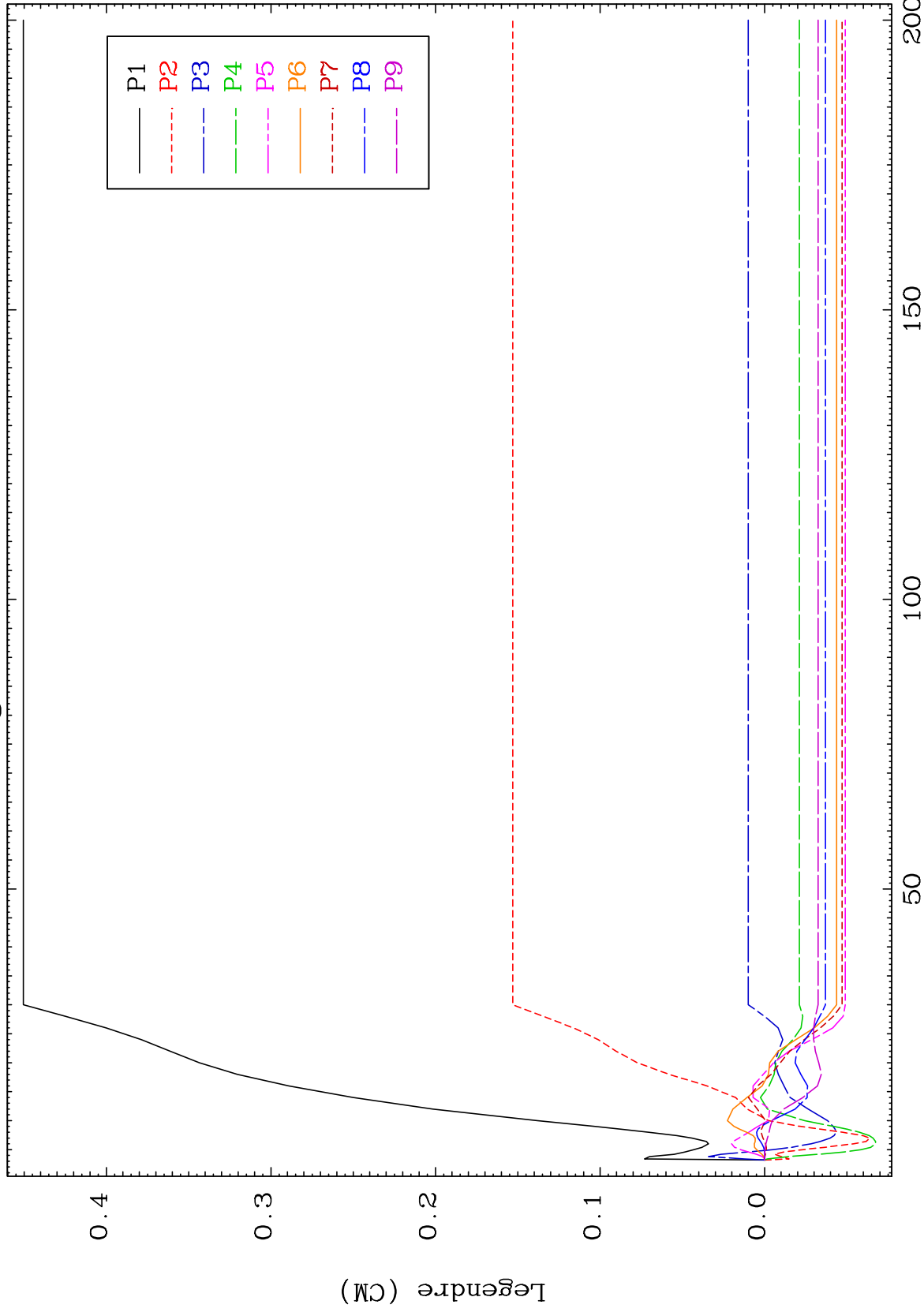
Incident Energy (MeV)

68-Er-148

MAT 6783

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

68-Er-148



48

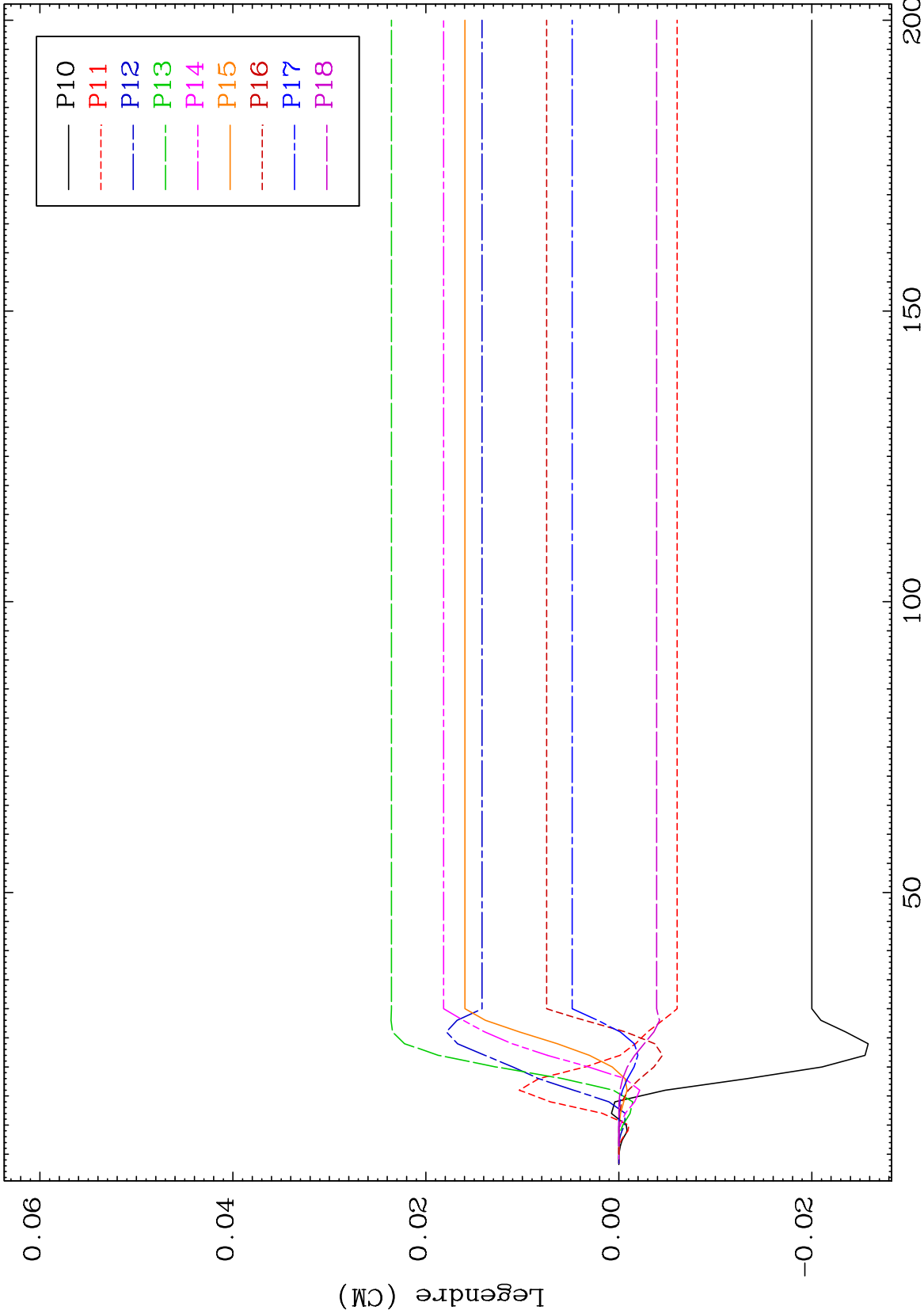
Incident Energy (MeV)

68-Er-148

MAT 6783

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

68-Er-148



49

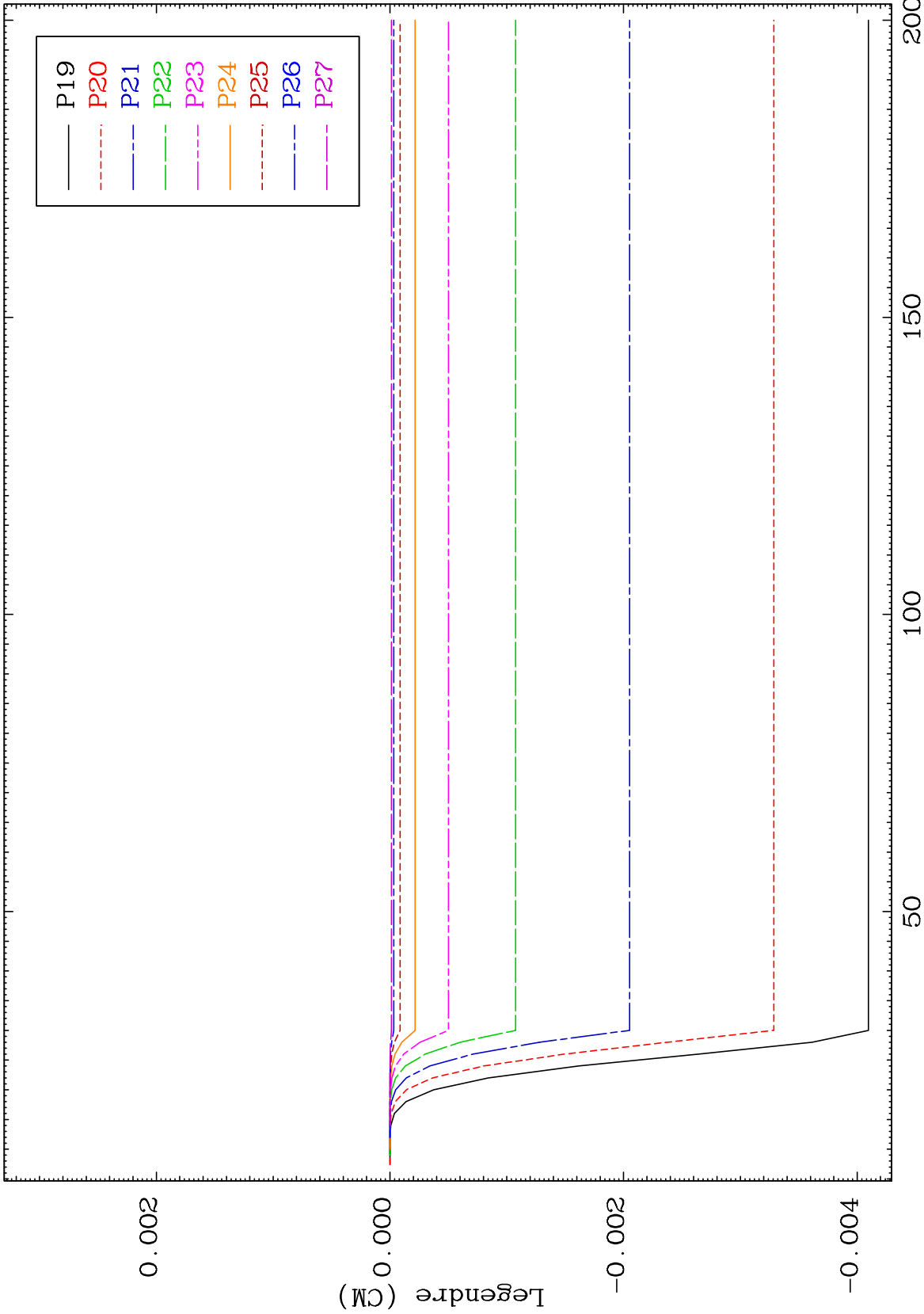
Incident Energy (MeV)

68-Er-148

MAT 6783

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

68-Er-148



50

Incident Energy (MeV)

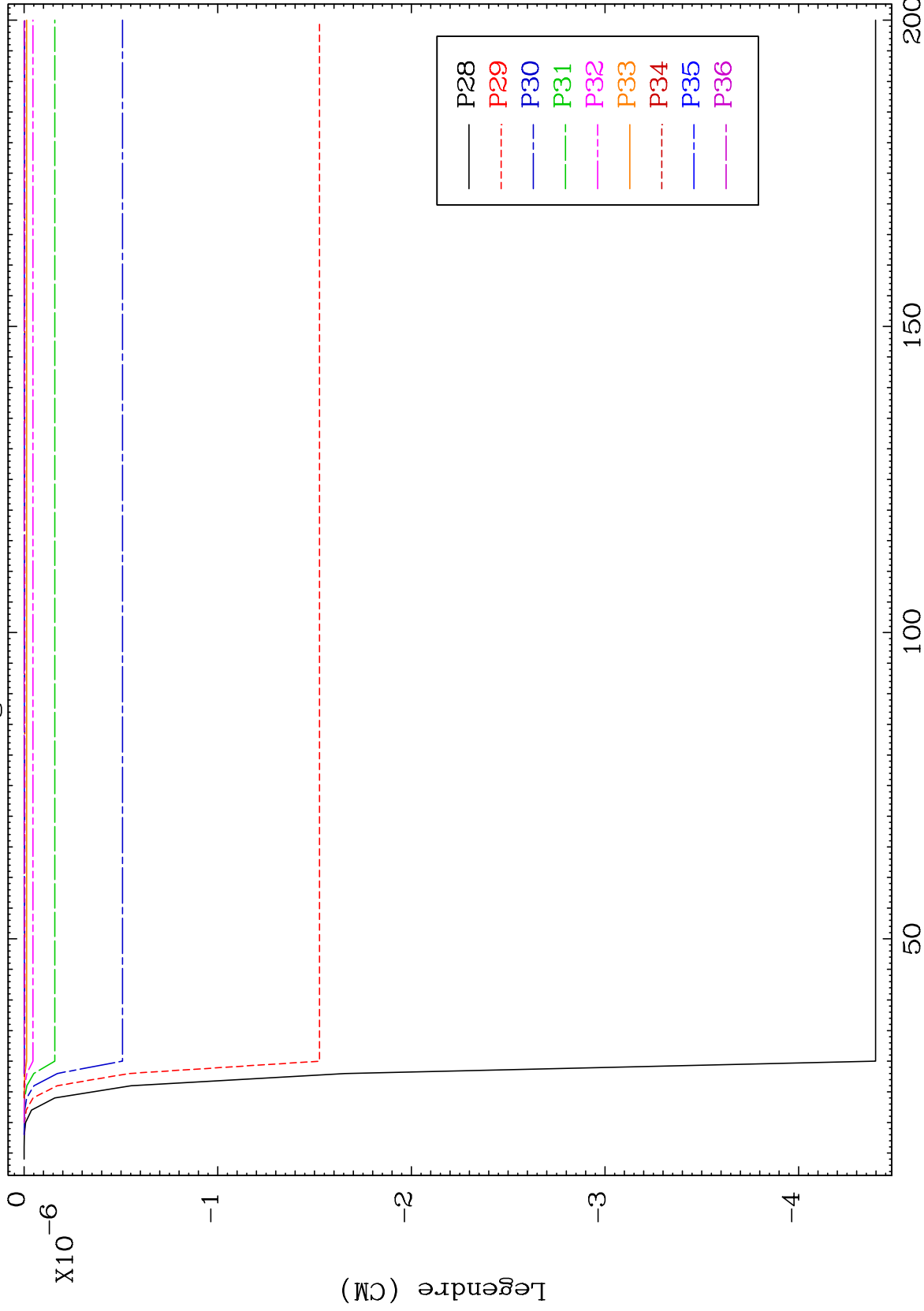
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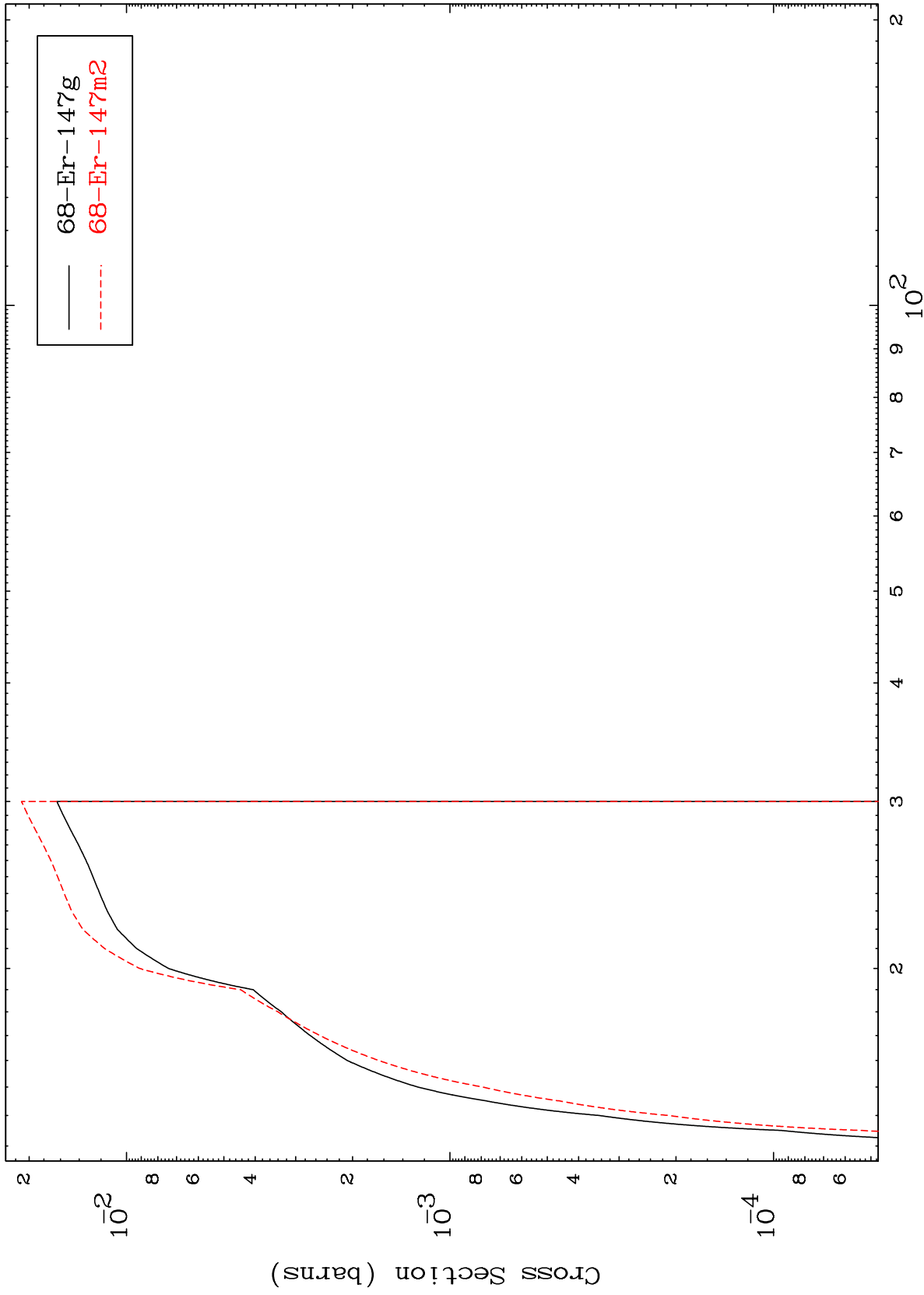
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200

68-Er-148



(n,2n)
Radionuclide Production Cross Section

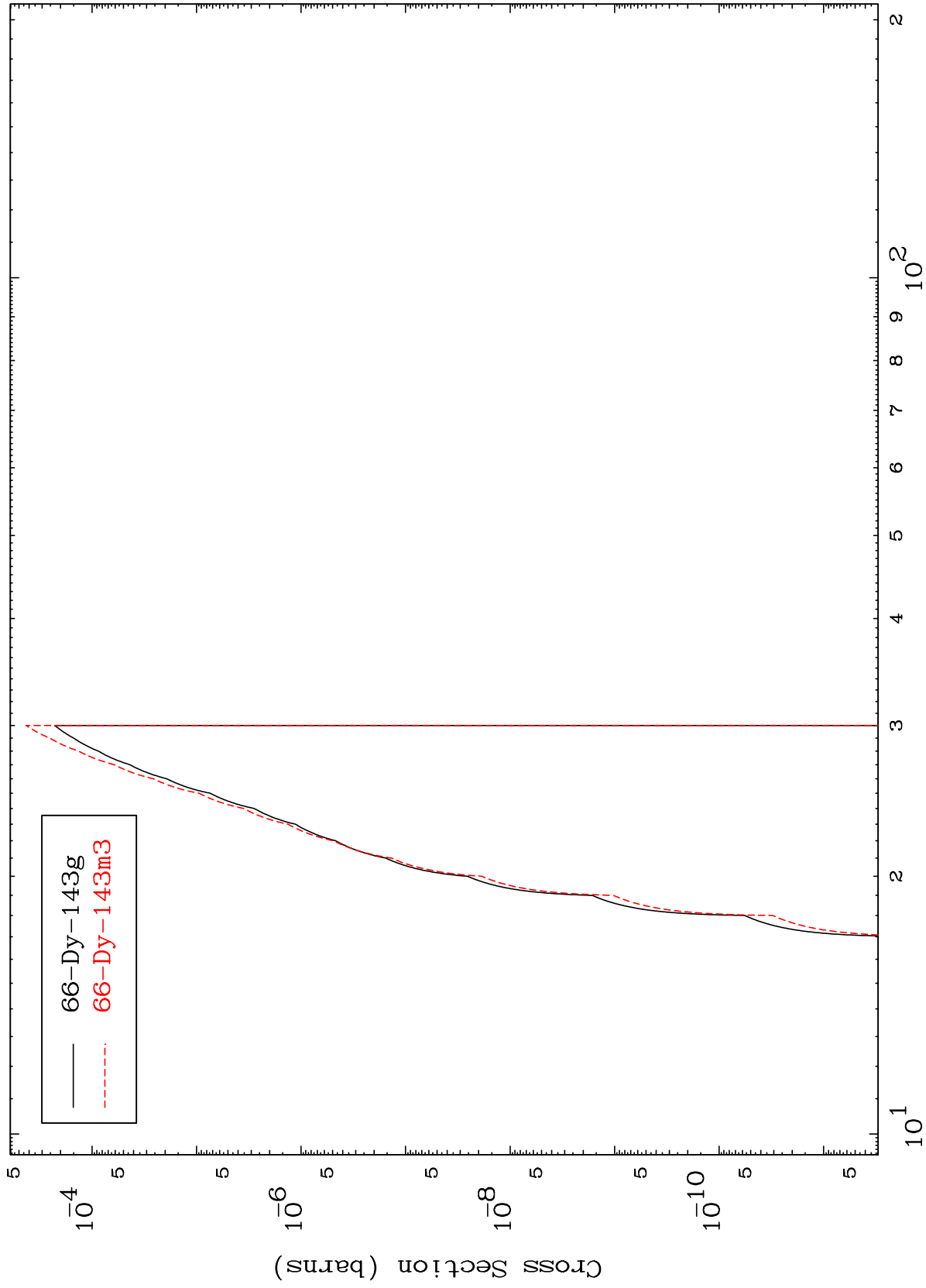


MAT 6783

(n,2n) α

68-Er-148

Radionuclide Production Cross Section



53

Incident Energy (MeV)

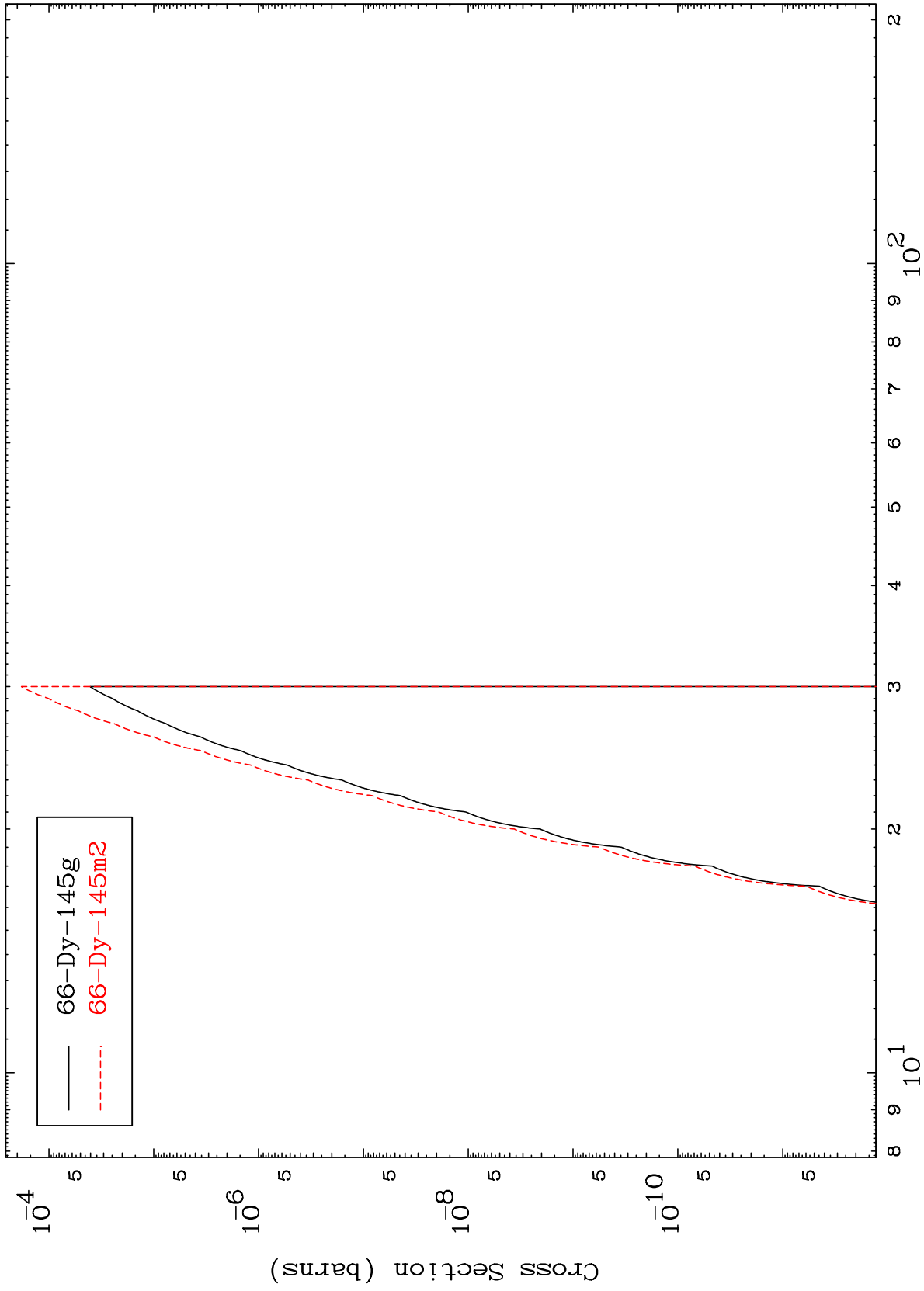
68-Er-148

MAT 6783

(n, n') He-3

68-Er-148

Radionuclide Production Cross Section



54

Incident Energy (MeV)

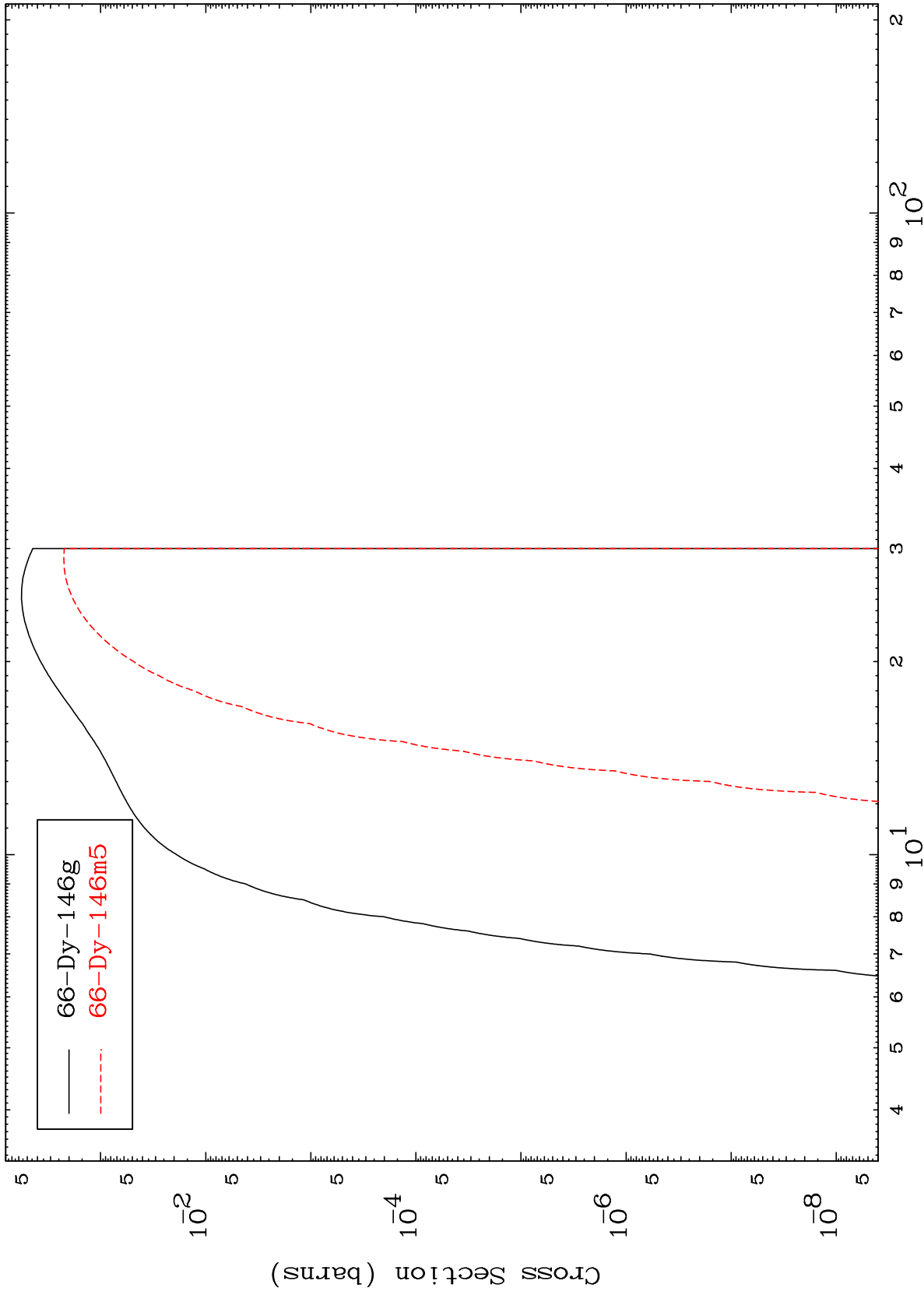
68-Er-148

MAT 6783

(n,2n) p

68-Er-148

Radionuclide Production Cross Section



55

Incident Energy (MeV)

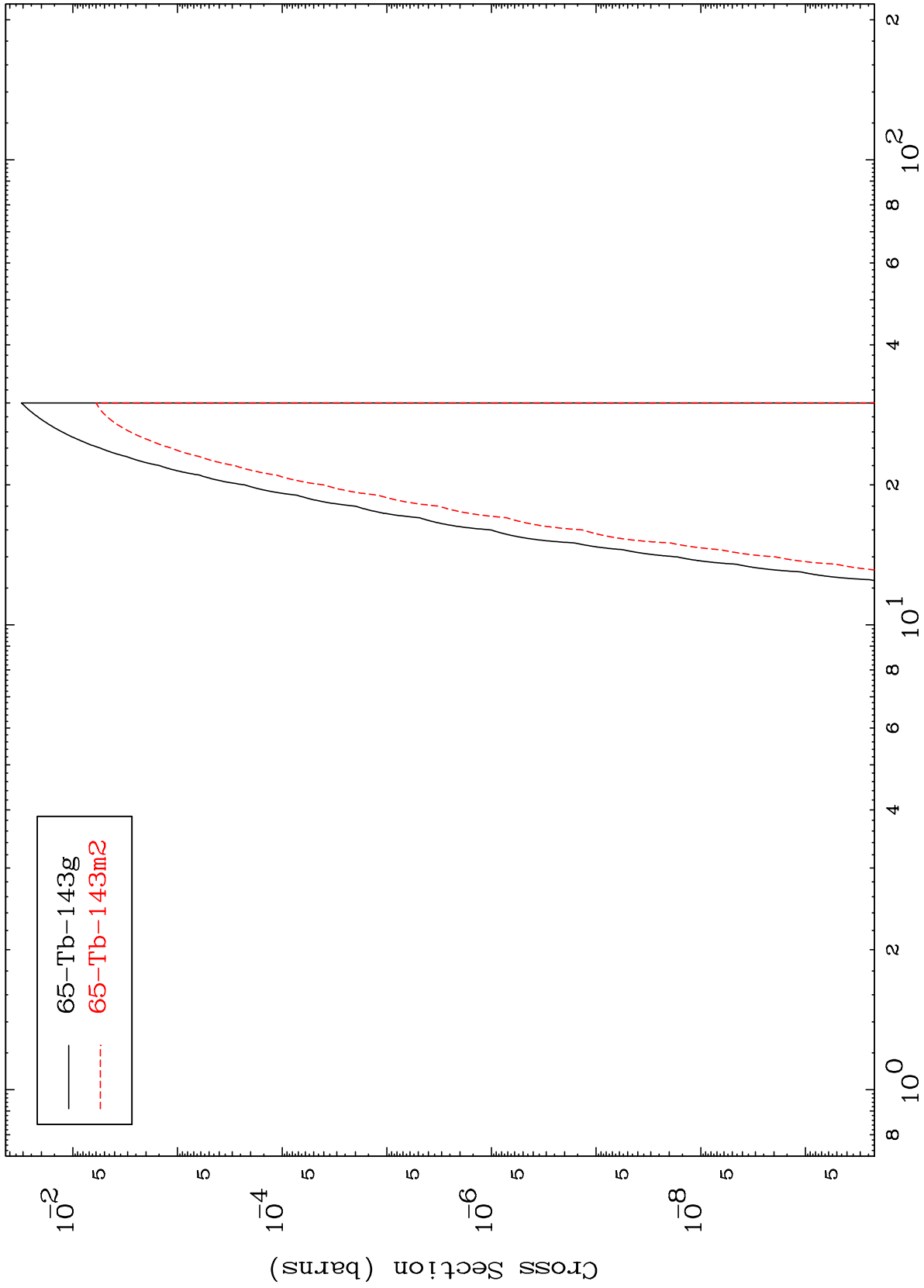
68-Er-148

MAT 6783

(n,n') p α

68-Er-148

Radionuclide Production Cross Section



56

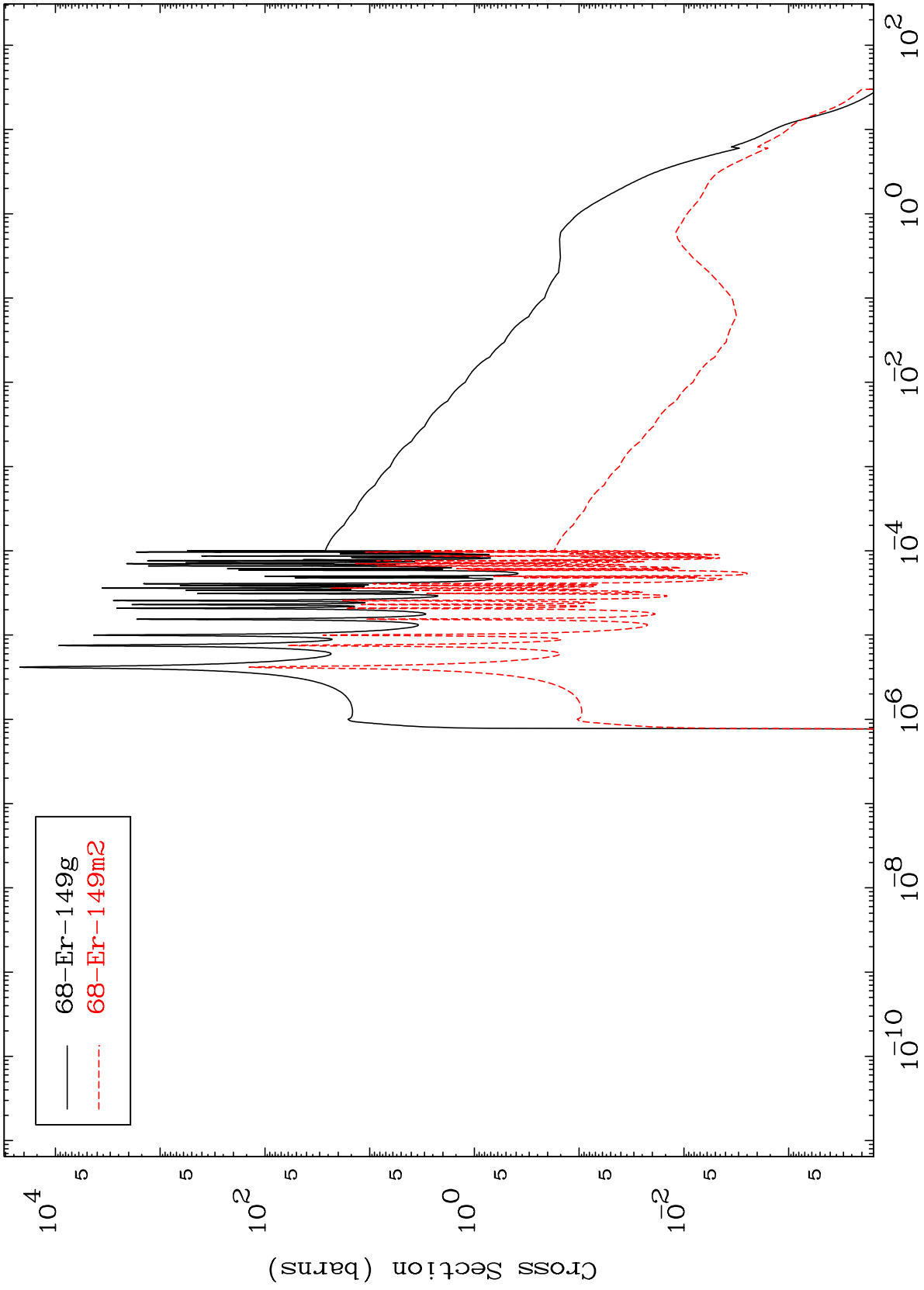
Incident Energy (MeV)

68-Er-148

MAT 6783

(n, γ)
Radionuclide Production Cross Section

68-Er-148



57

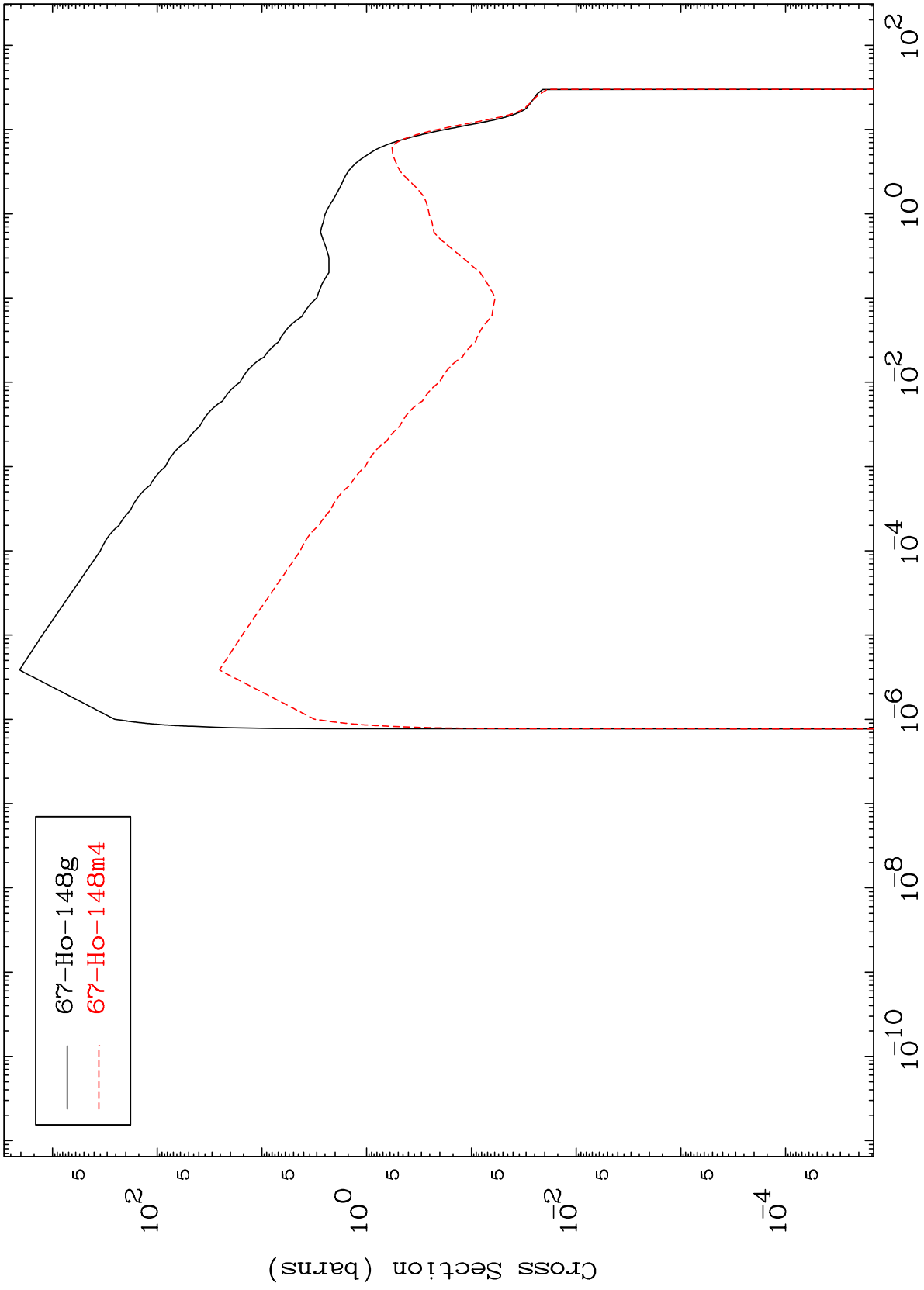
Incident Energy (MeV)

68-Er-148

MAT 6783

68-Er-148

Radionuclide Production Cross Section (n,p)



58

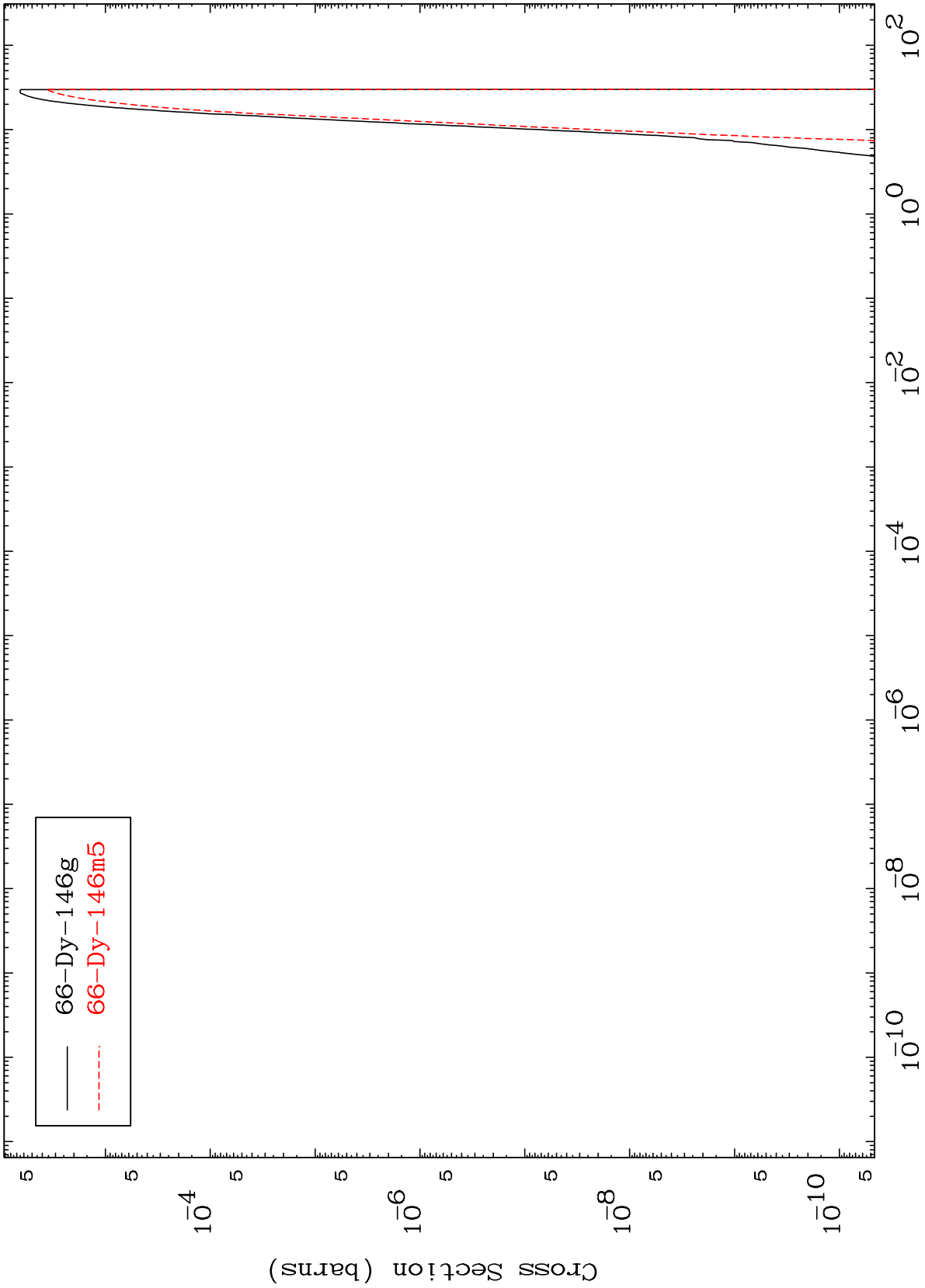
68-Er-148

MAT 6783

(n, He-3)

68-Er-148

Radionuclide Production Cross Section

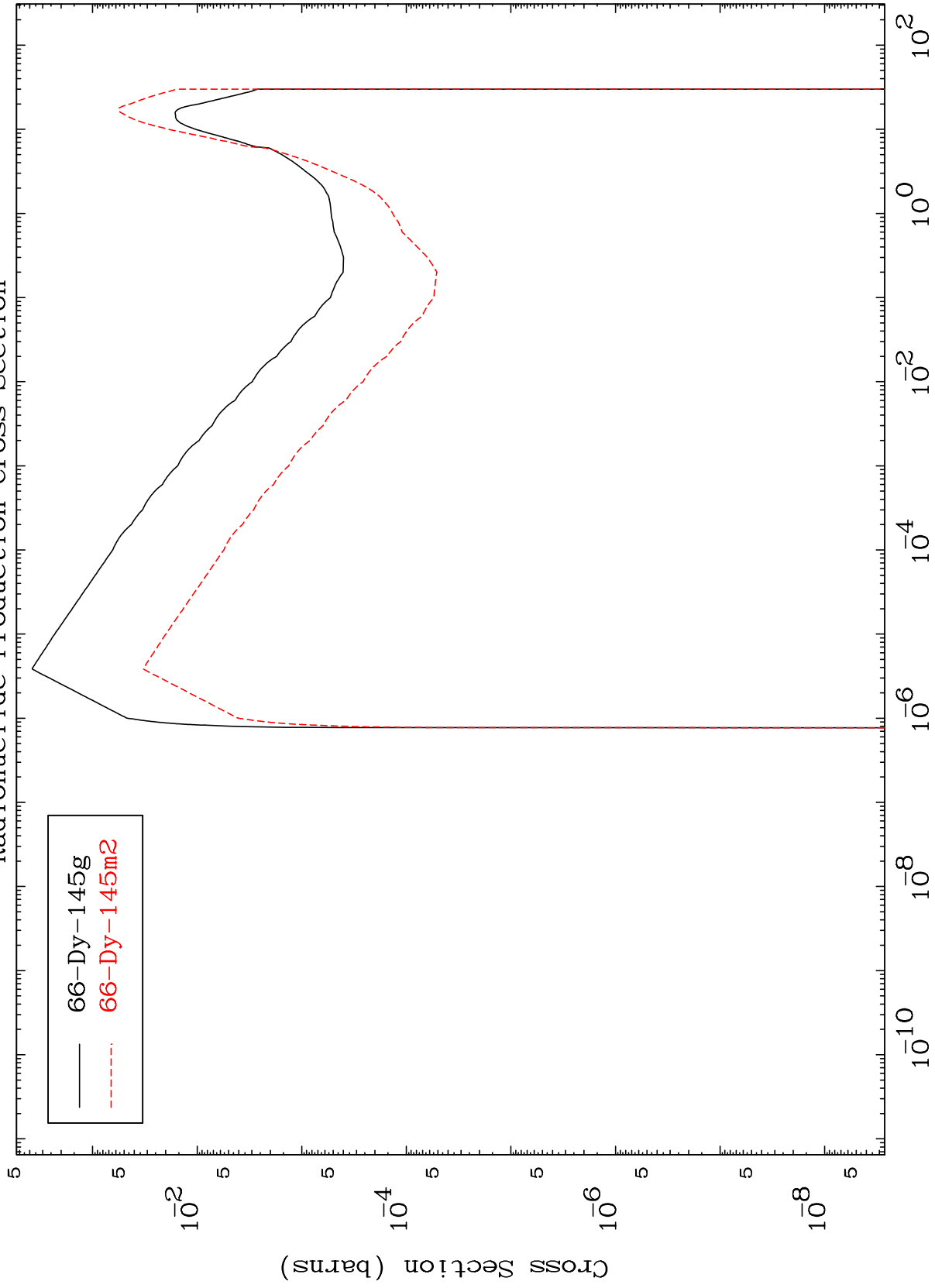


66-Dy-146g
66-Dy-146m5

MAT 6783

68-Er-148

Radionuclide Production Cross Section



66-Dy-145g
66-Dy-145m2

60

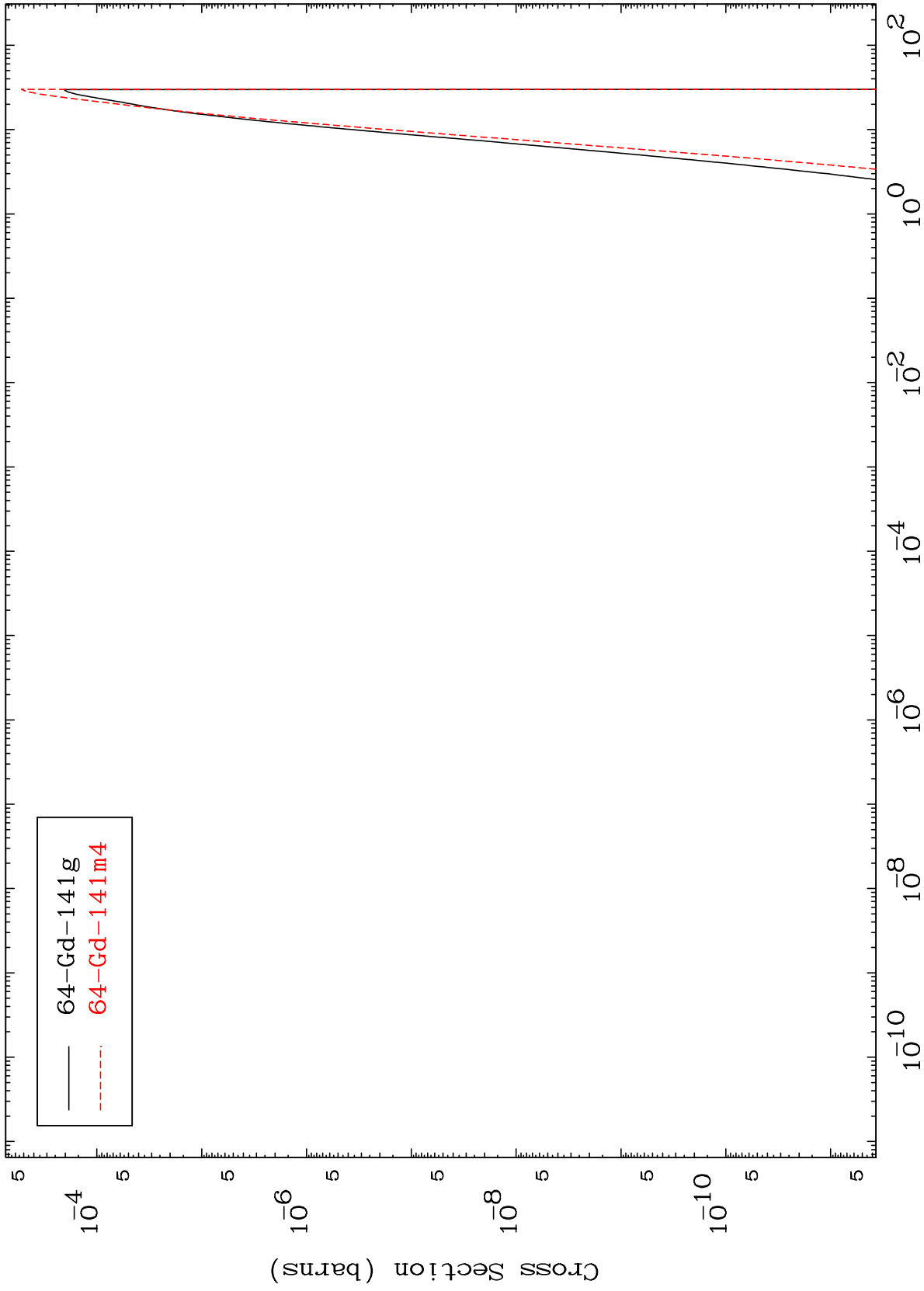
68-Er-148

MAT 6783

(n,2α)

68-Er-148

Radionuclide Production Cross Section



61

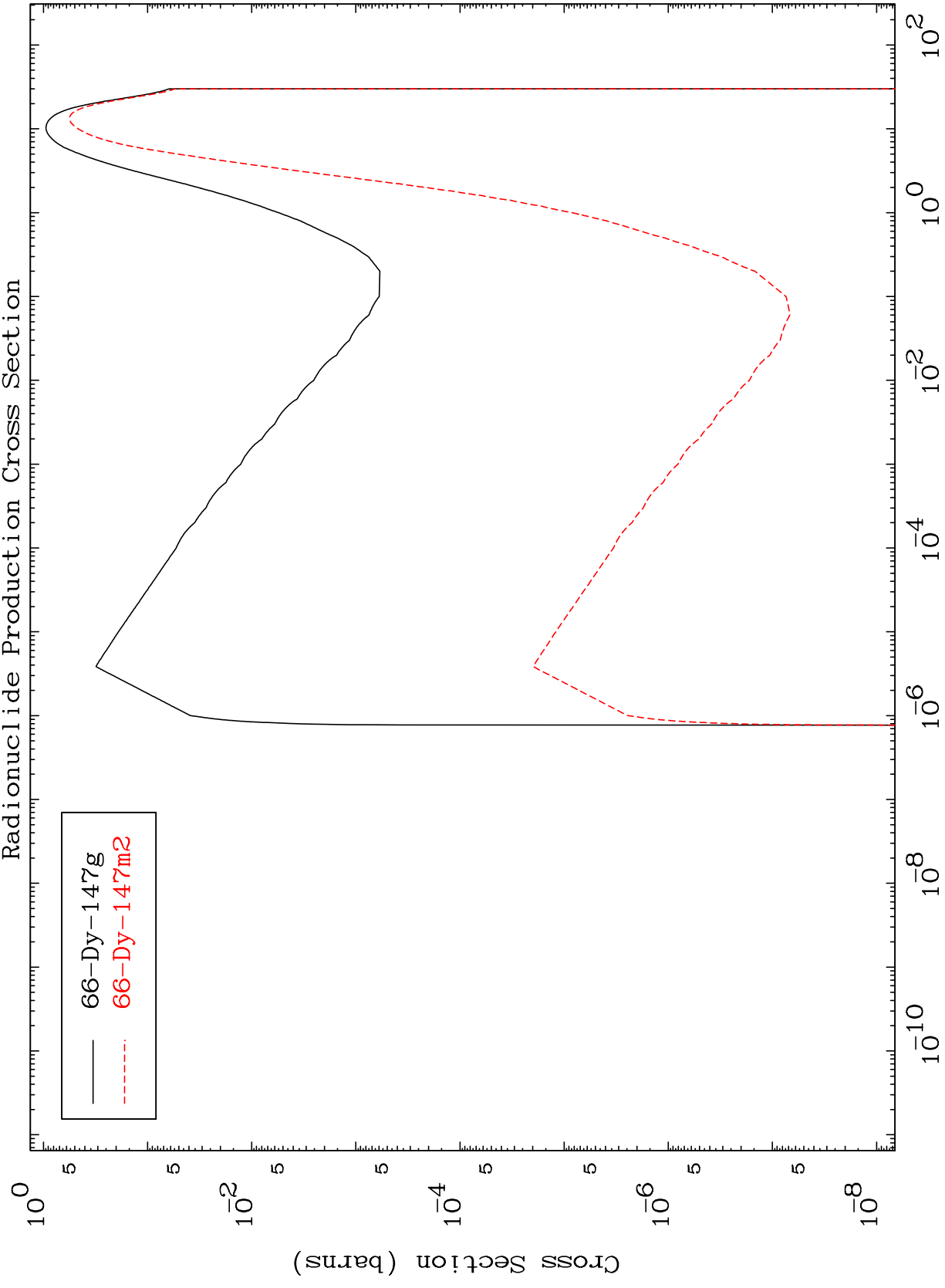
Incident Energy (MeV)

68-Er-148

MAT 6783

68-Er-148

Radionuclide Production Cross Section
(n,2p)



66-Dy-147g
66-Dy-147m2

62

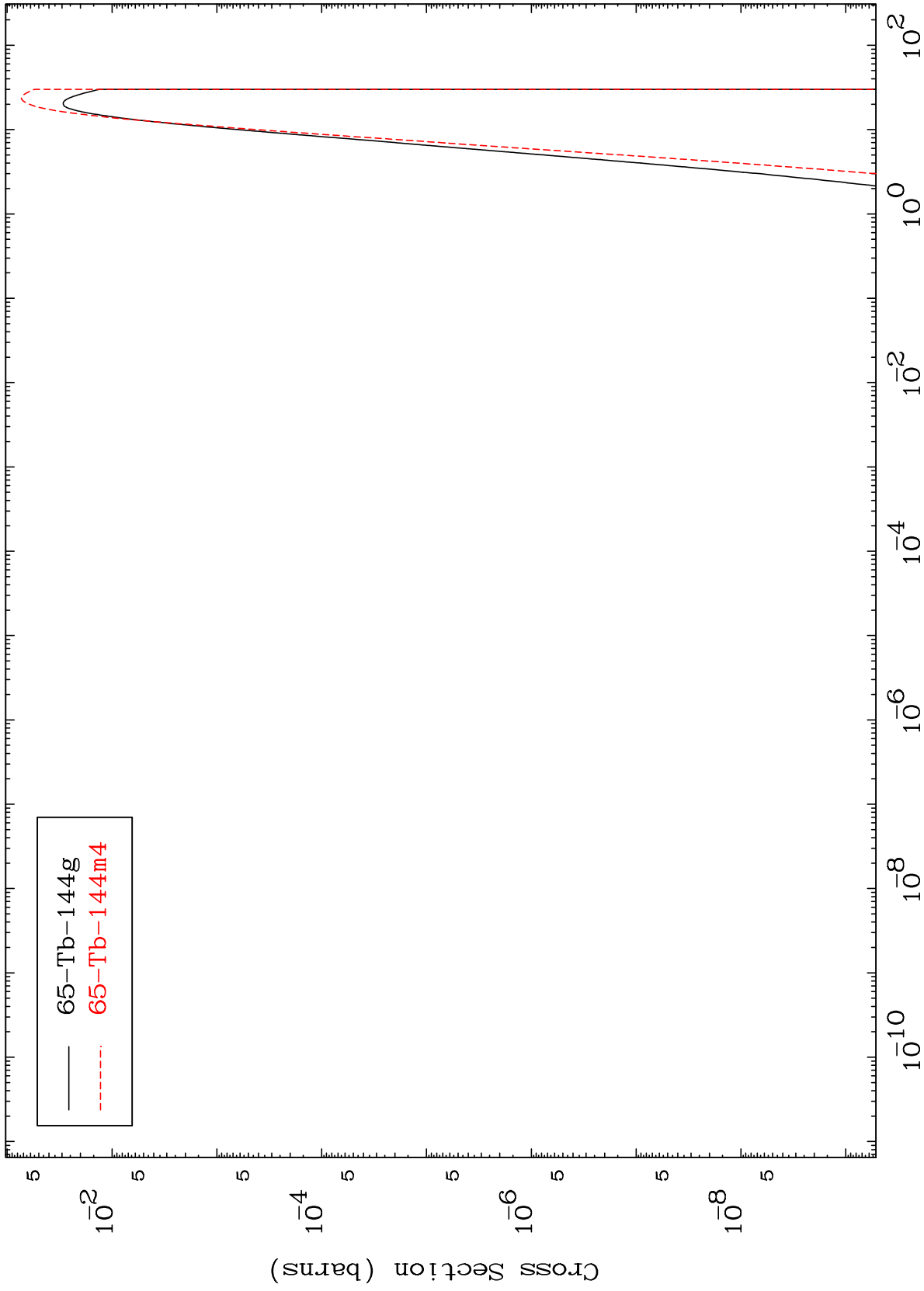
68-Er-148

MAT 6783

(n,p) α

68-Er-148

Radionuclide Production Cross Section



63

Incident Energy (MeV)

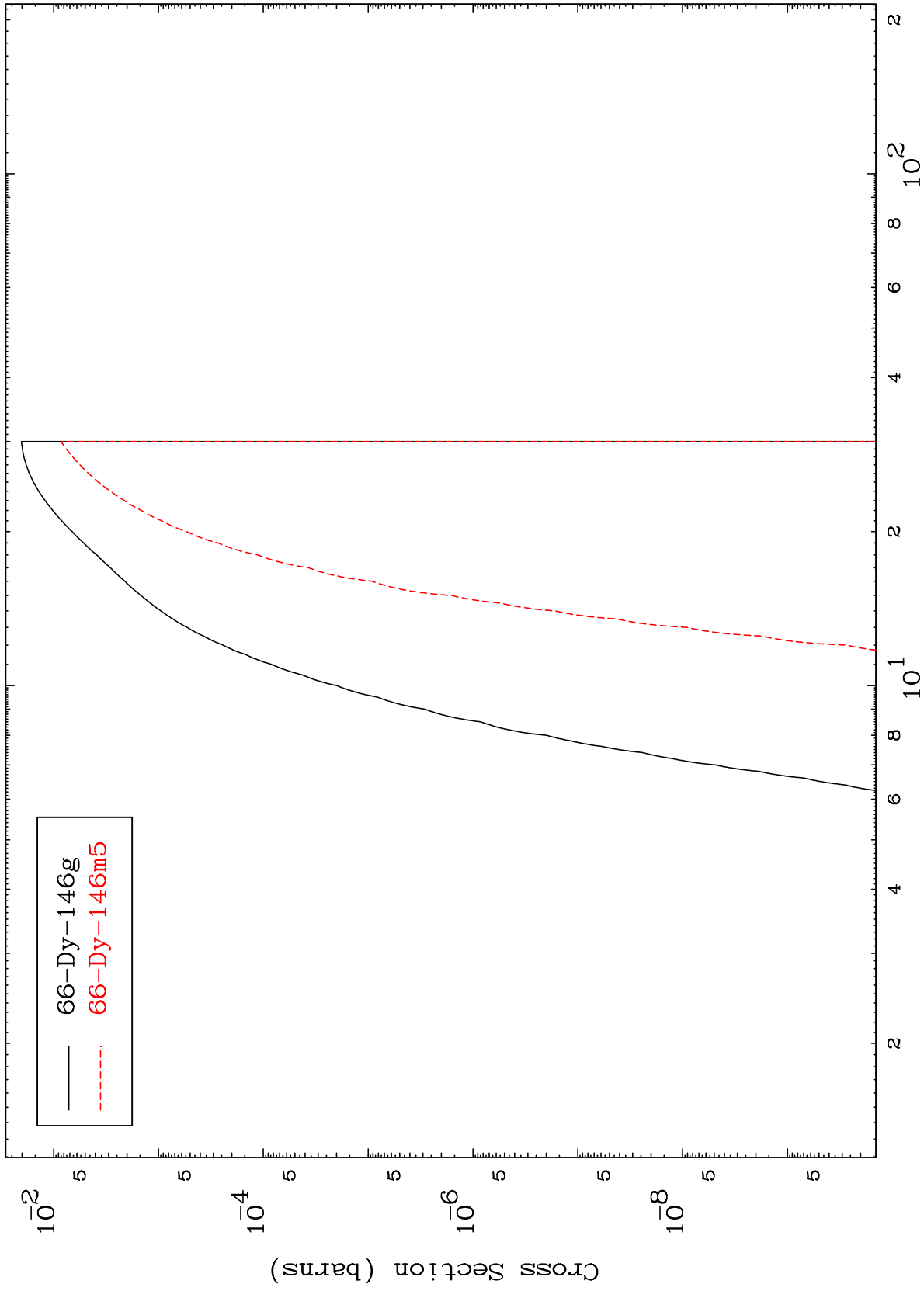
68-Er-148

MAT 6783

(n,p) d

68-Er-148

Radionuclide Production Cross Section



64

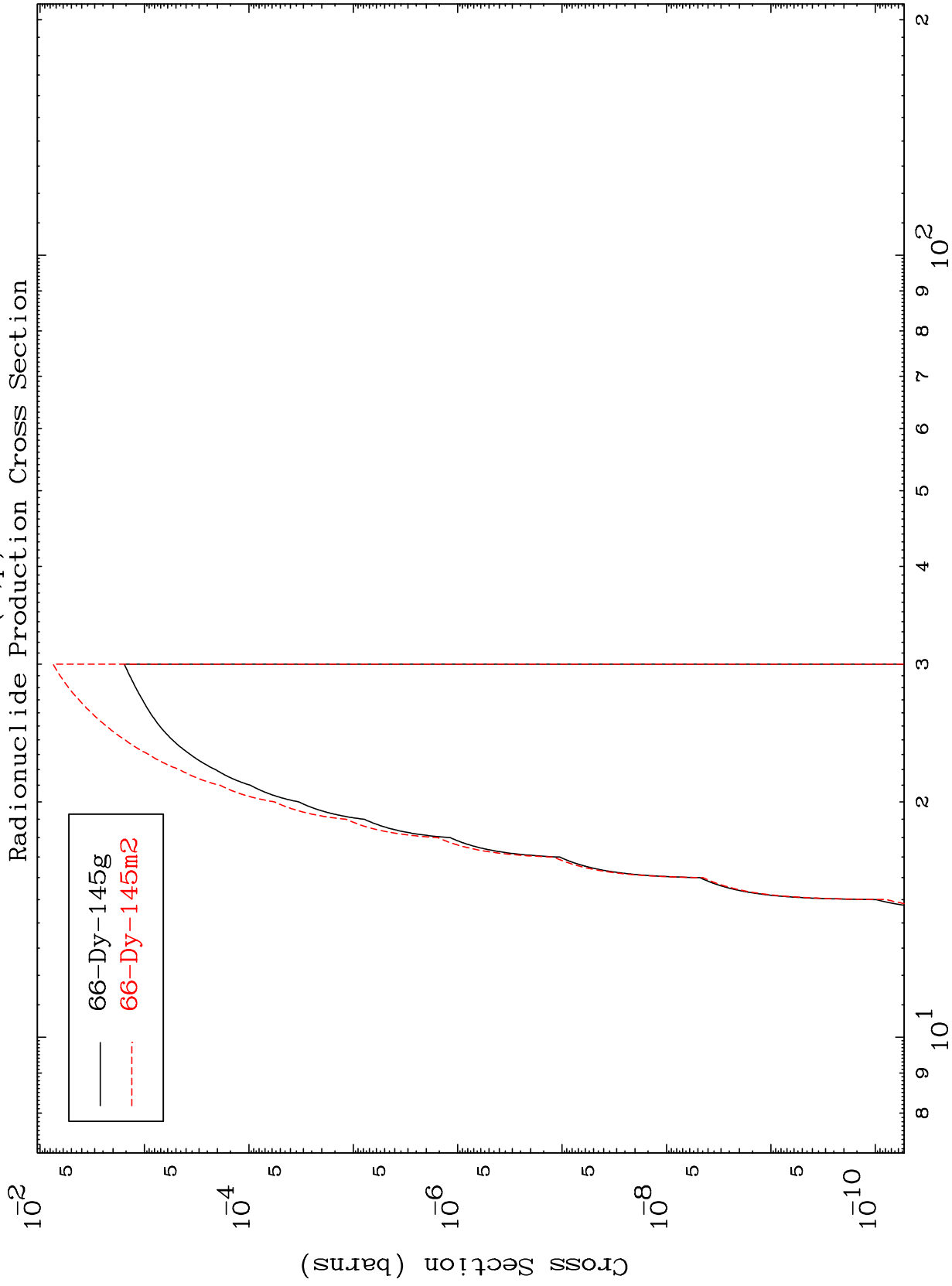
Incident Energy (MeV)

68-Er-148

MAT 6783

(n,p) t

68-Er-148



65

Incident Energy (MeV)

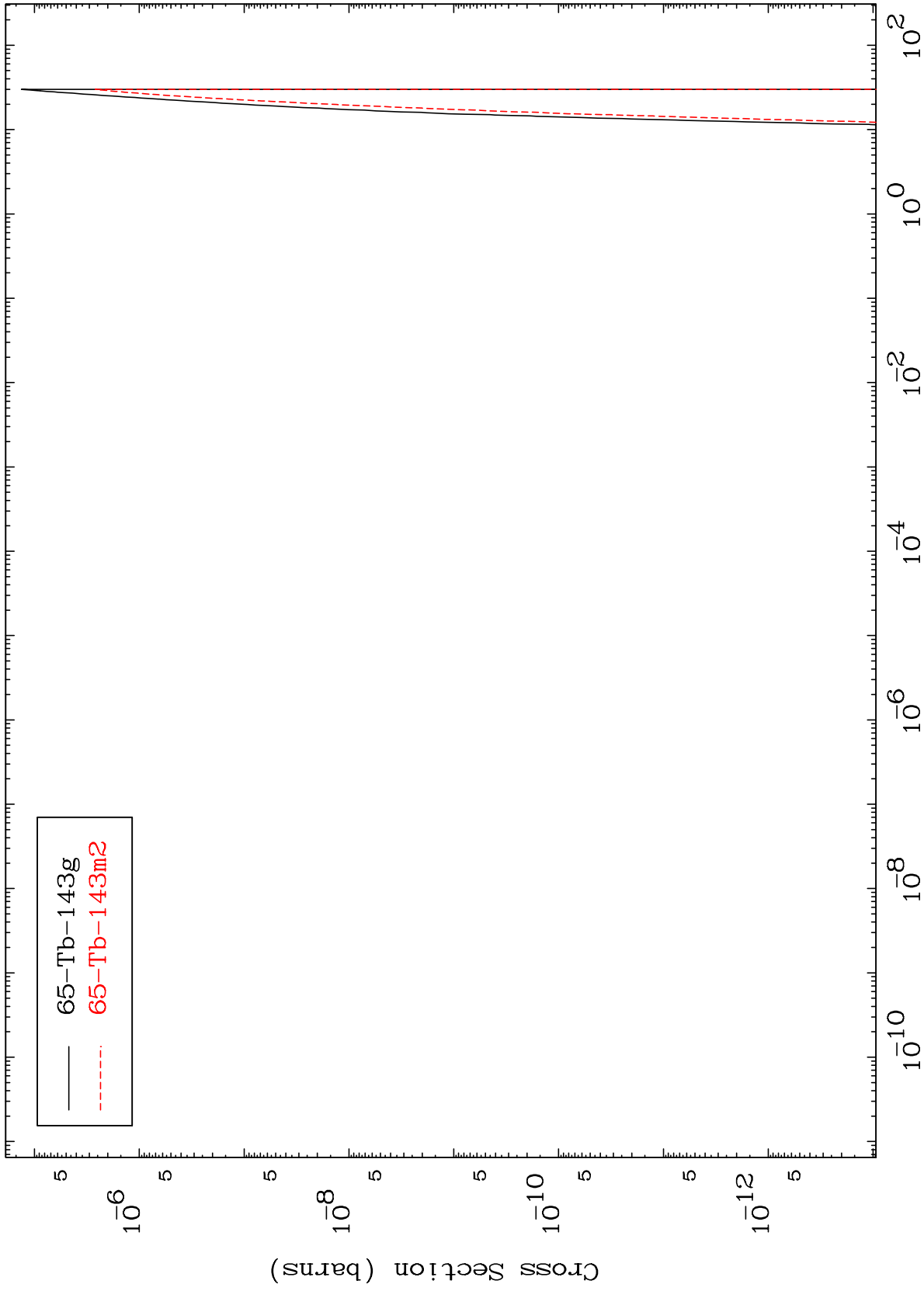
68-Er-148

MAT 6783

(n,d) α

68-Er-148

Radionuclide Production Cross Section



66

Incident Energy (MeV)

68-Er-148