

Program EVALPLOT
(Version 2018-1)

by

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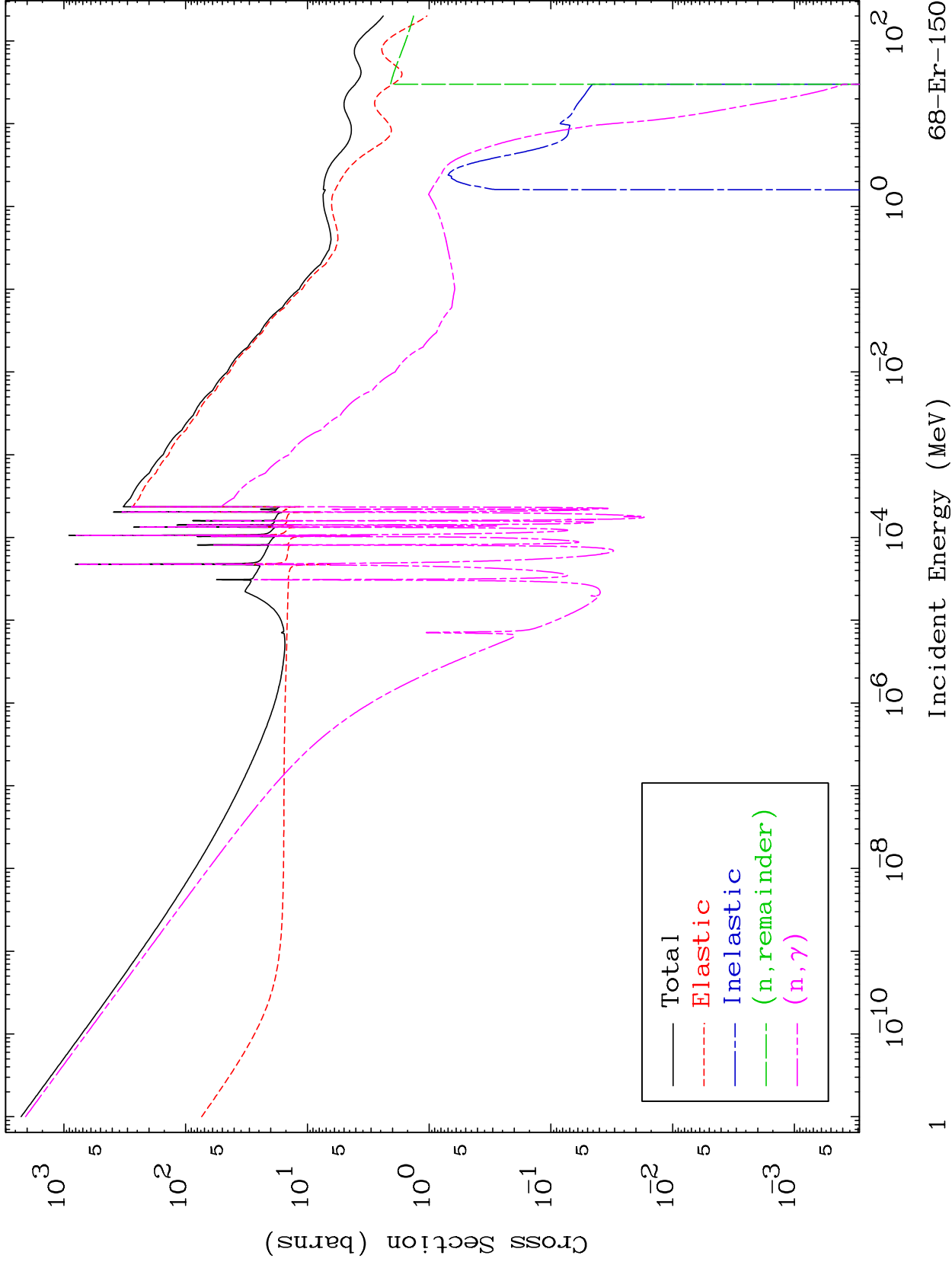
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Press Mouse Button to Start

MAT 6789

Major
293 Kelvin Cross Sections

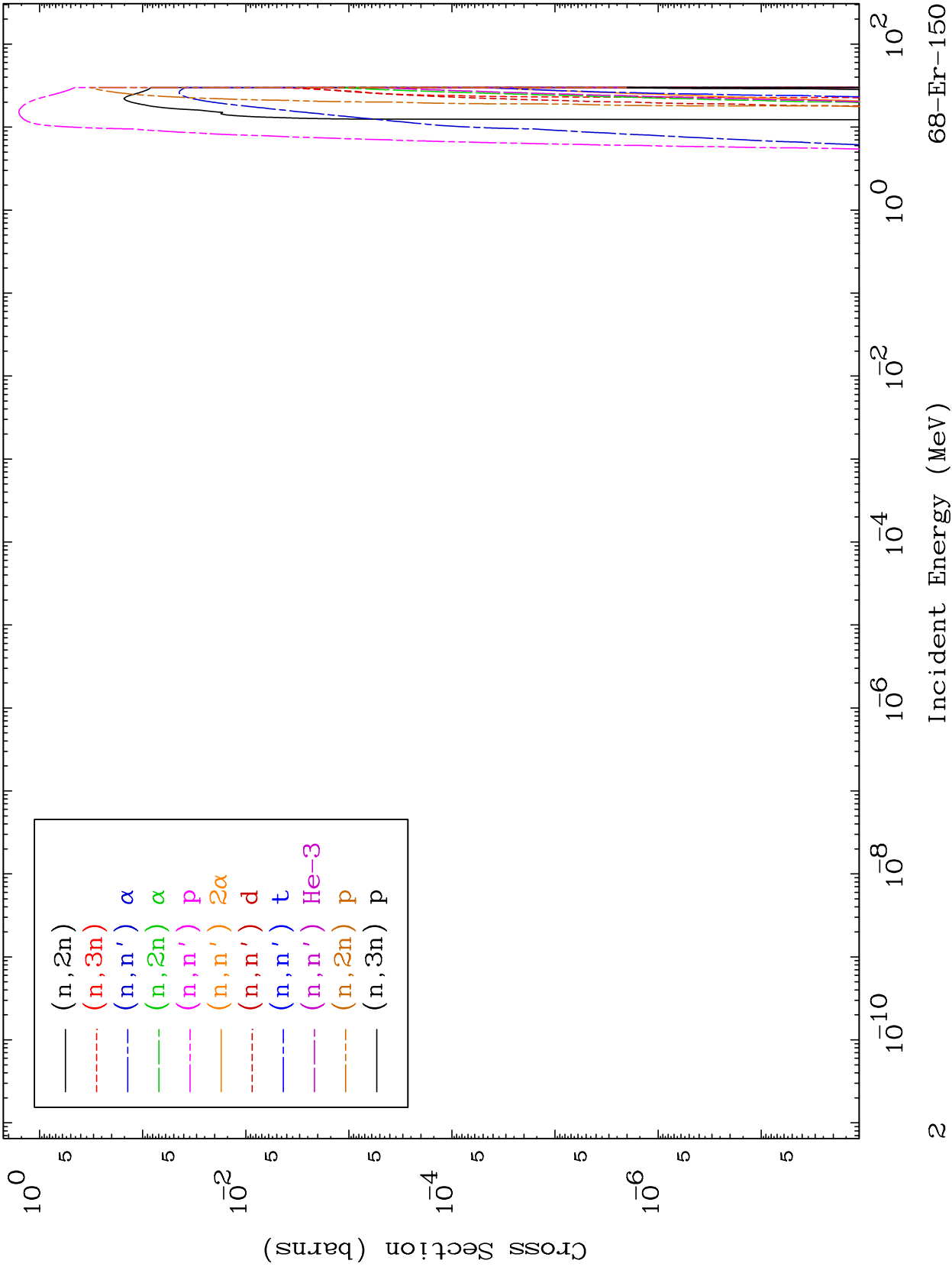
68-Er-150



MAT 6789

Neutron Production
293 Kelvin Cross Sections

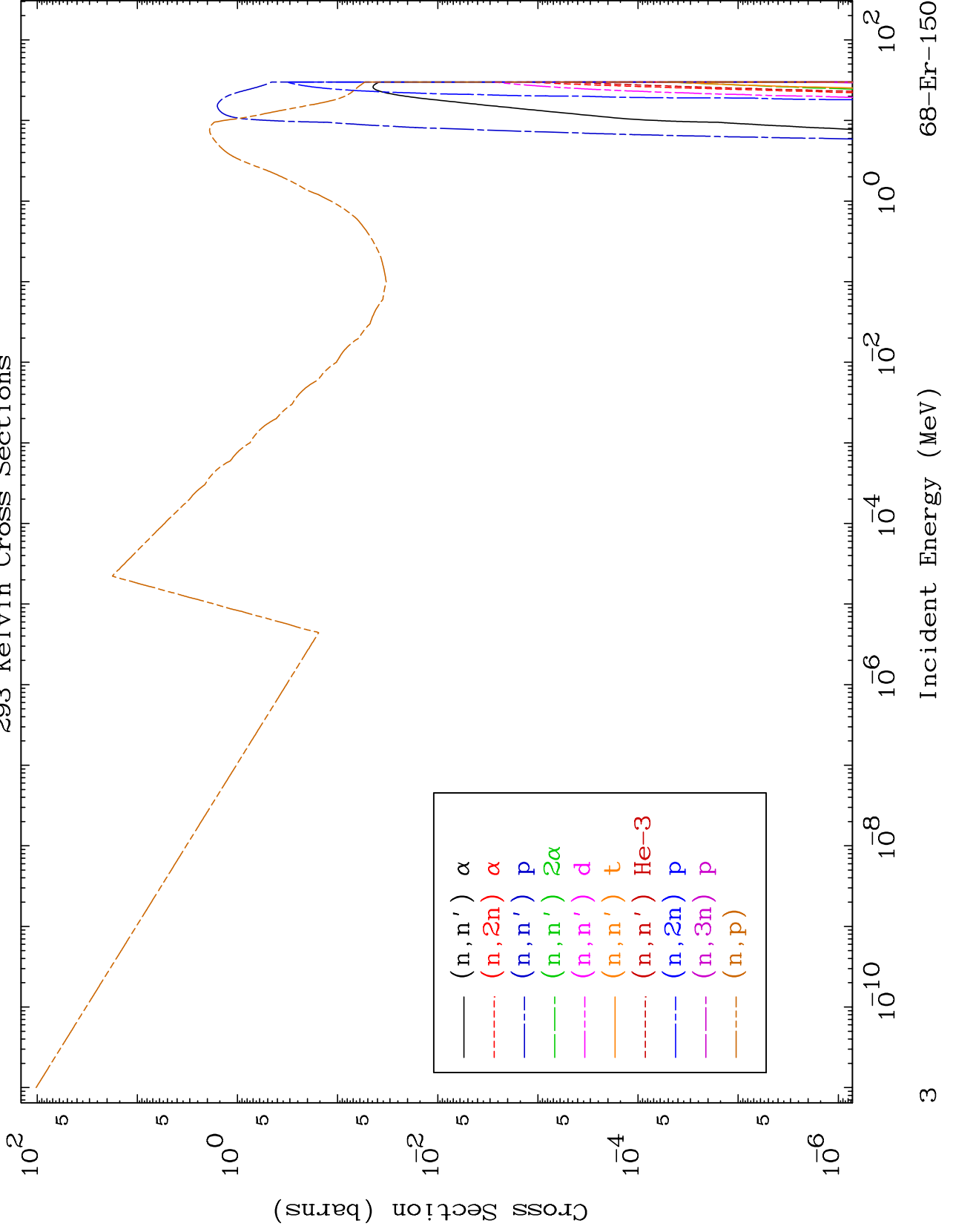
68-Er-150



MAT 6789

Charged Particle
293 Kelvin Cross Sections

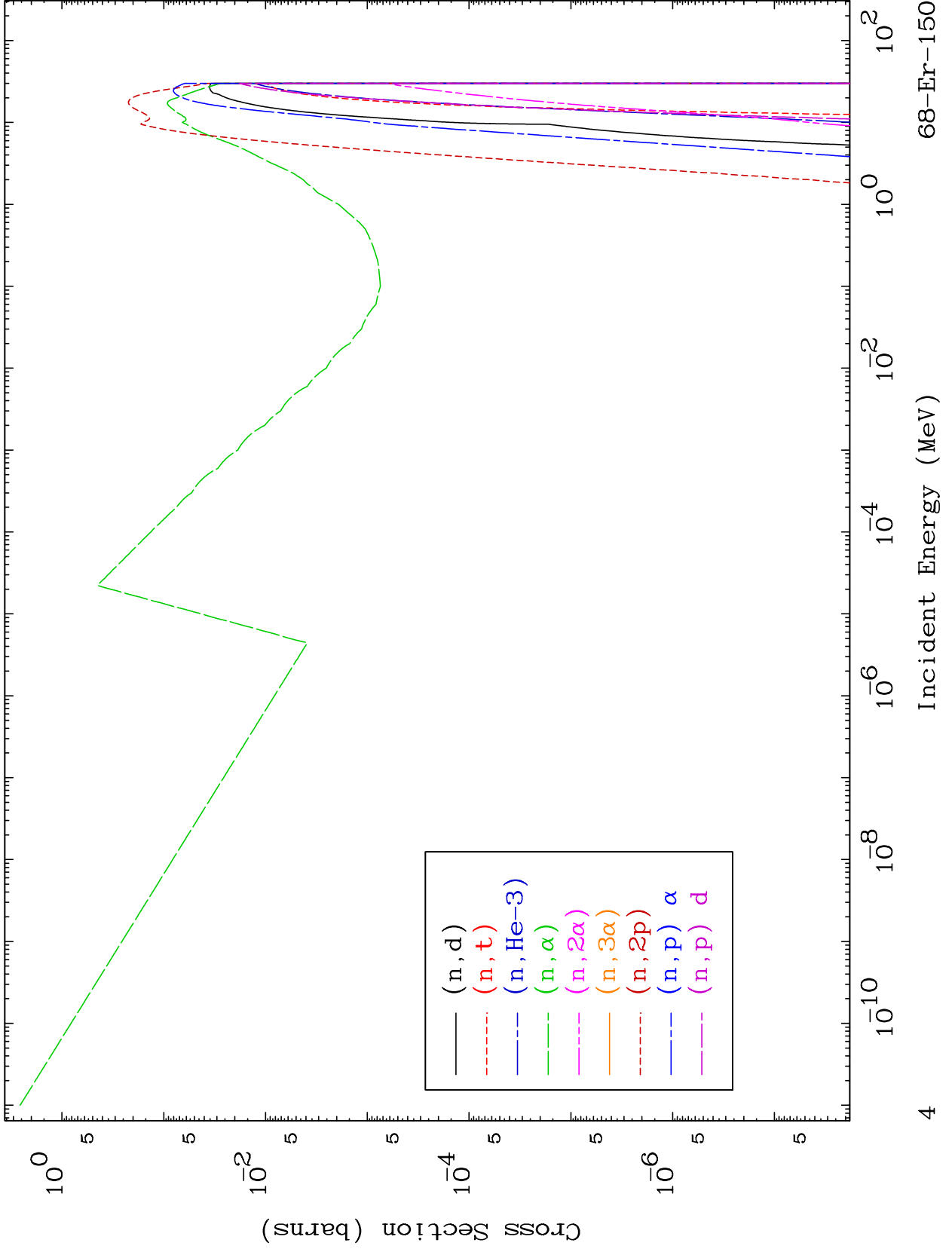
68-Er-150



MAT 6789

Charged Particle
293 Kelvin Cross Sections

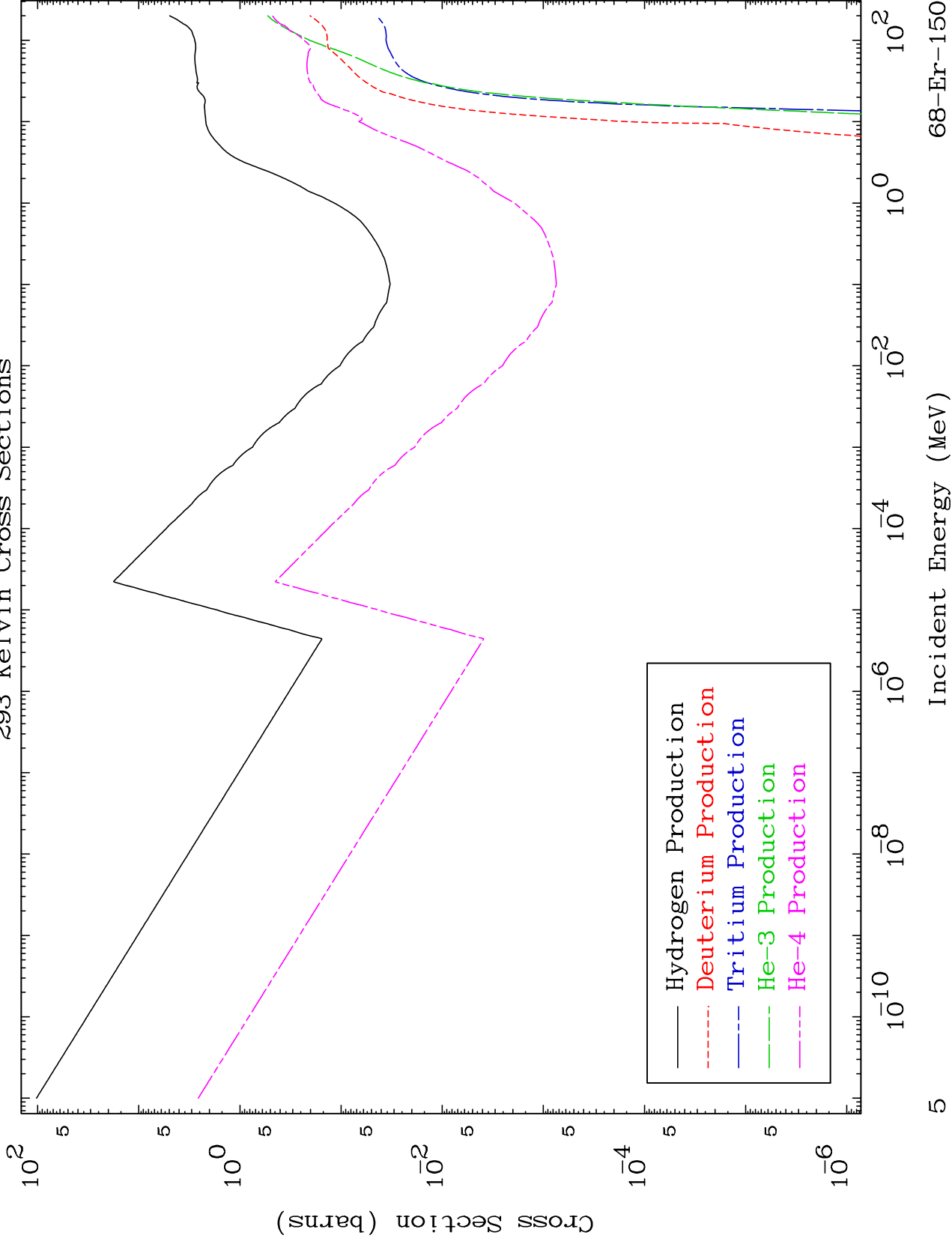
68-Er-150



MAT 6789

Particle Production
293 Kelvin Cross Sections

68-Er-150

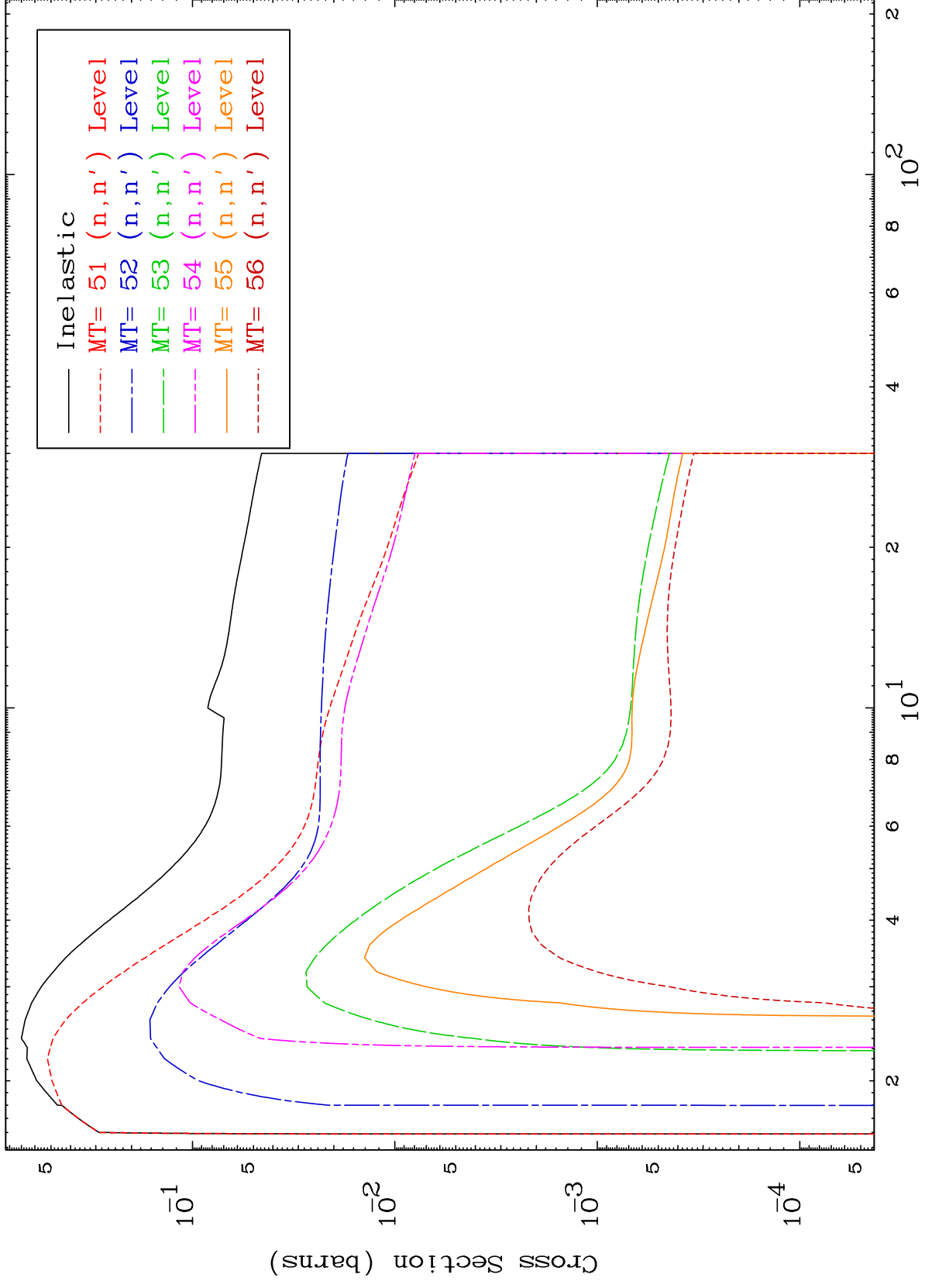


MAT 6789

(n,n') Level

68-Er-150

293 Kelvin Cross Sections



6

Incident Energy (MeV)

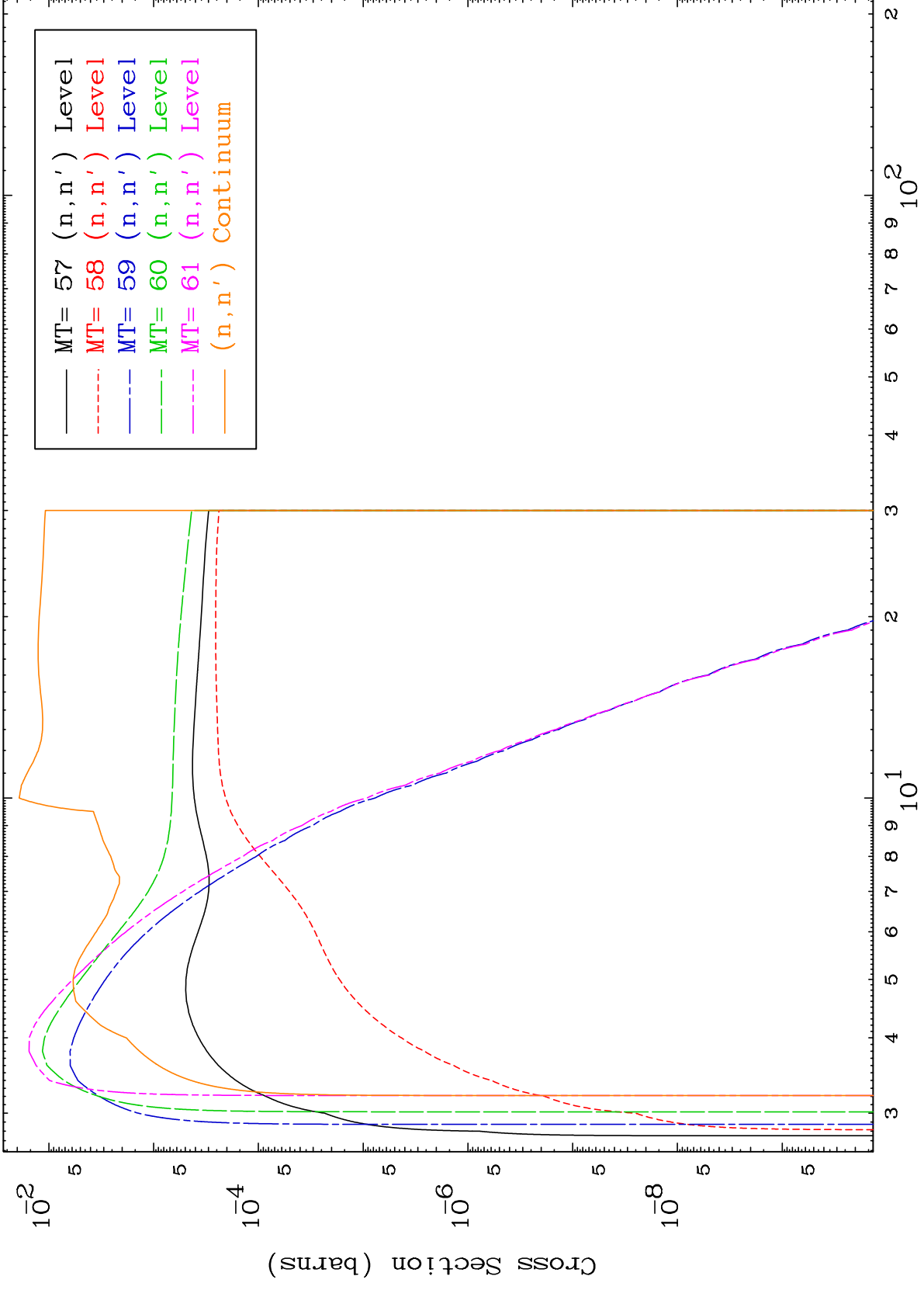
68-Er-150

MAT 6789

(n,n') Level

68-Er-150

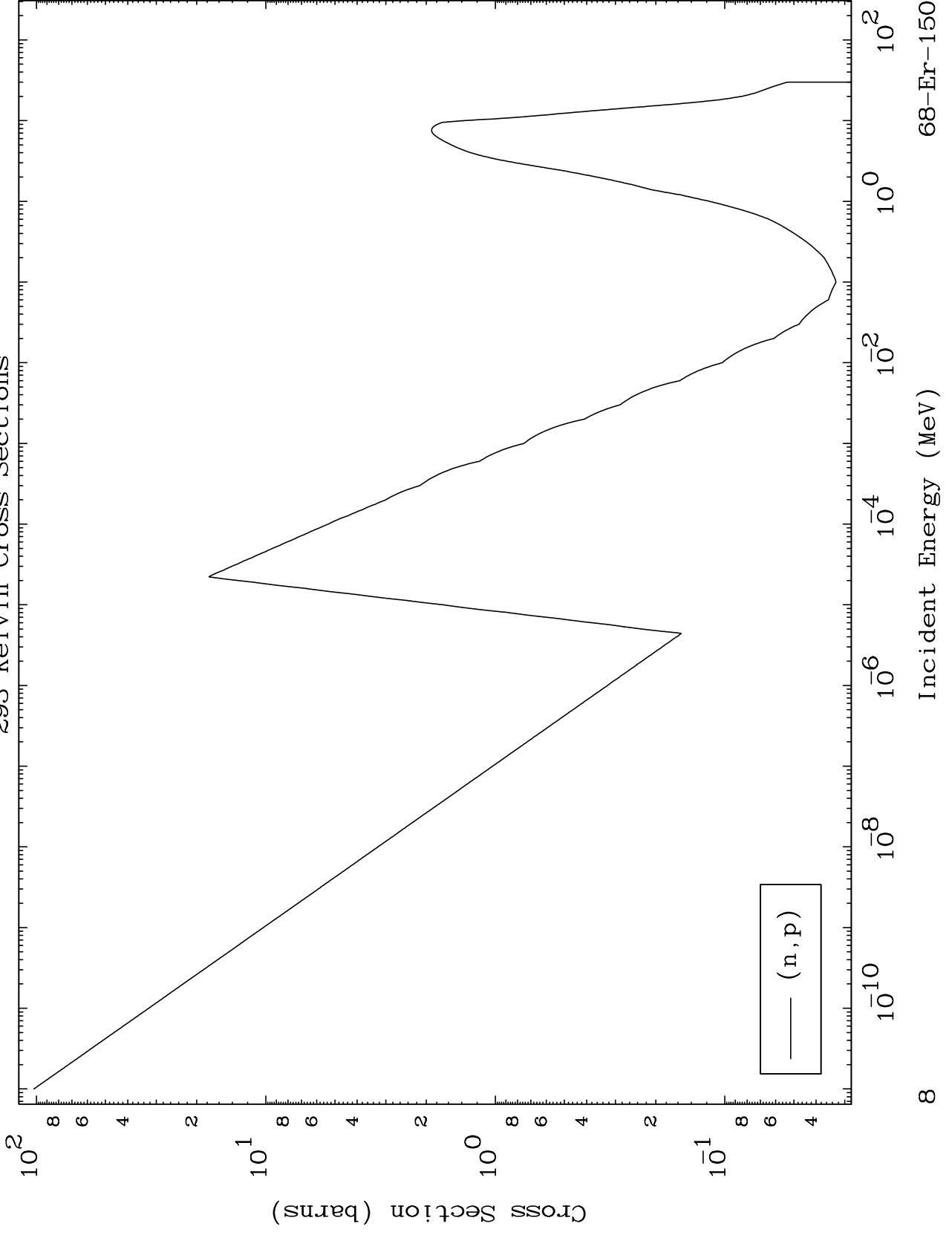
293 Kelvin Cross Sections



MAT 6789

(n,p) Levels
293 Kelvin Cross Sections

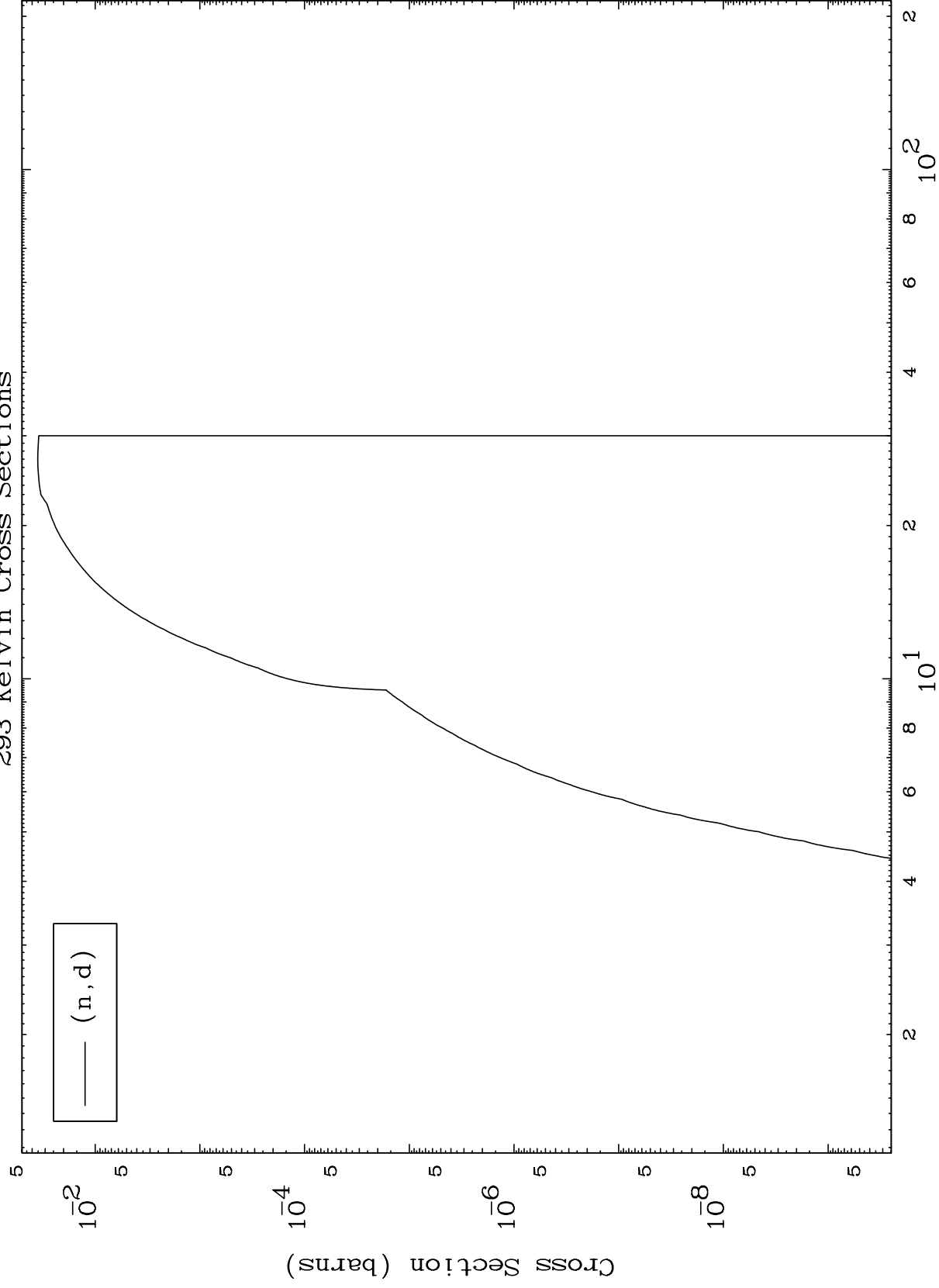
68-Er-150



MAT 6789

(n,d) Levels
293 Kelvin Cross Sections

68-Er-150



9

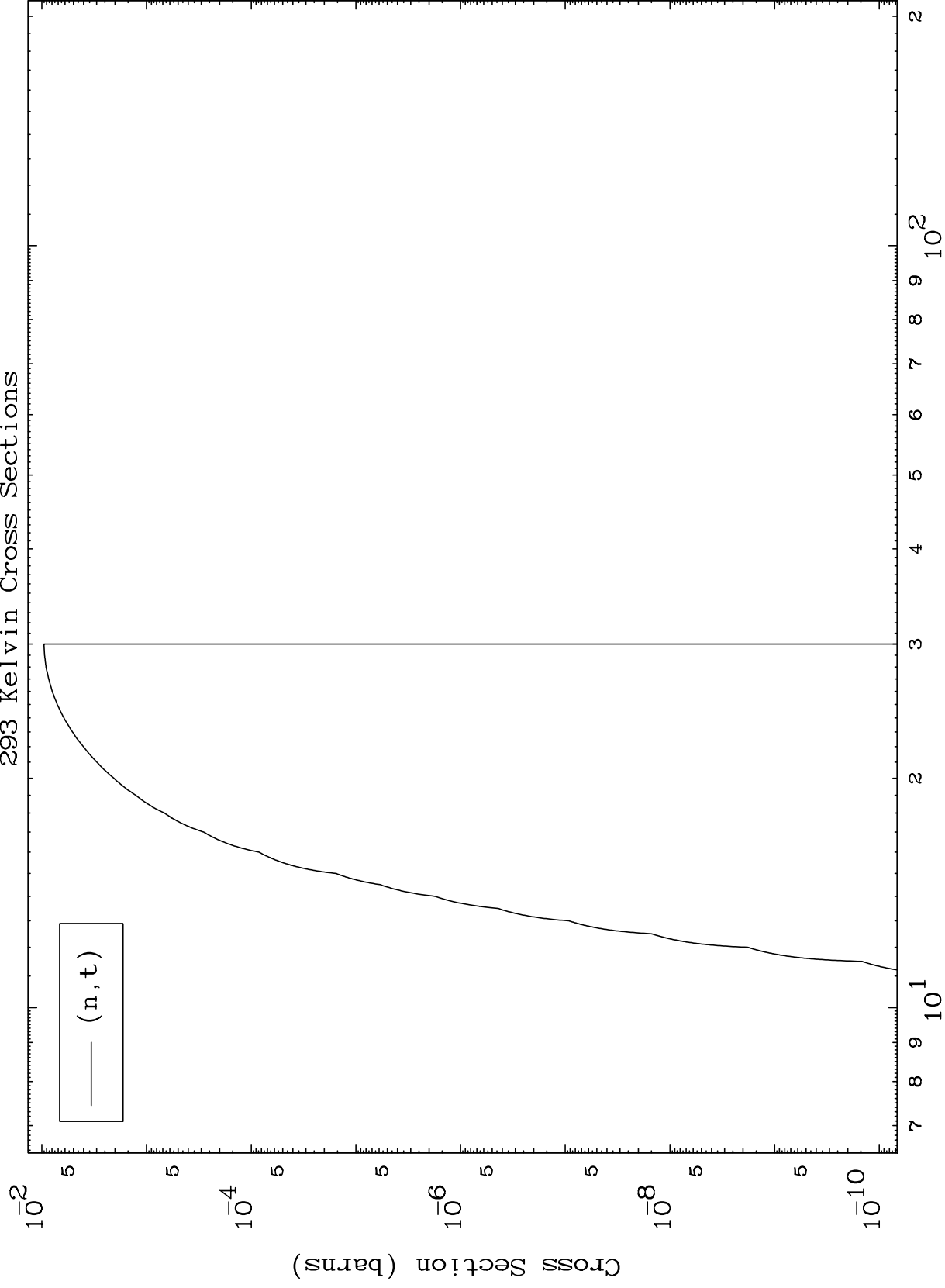
Incident Energy (MeV)

68-Er-150

MAT 6789

(n,t) Levels
293 Kelvin Cross Sections

68-Er-150



10

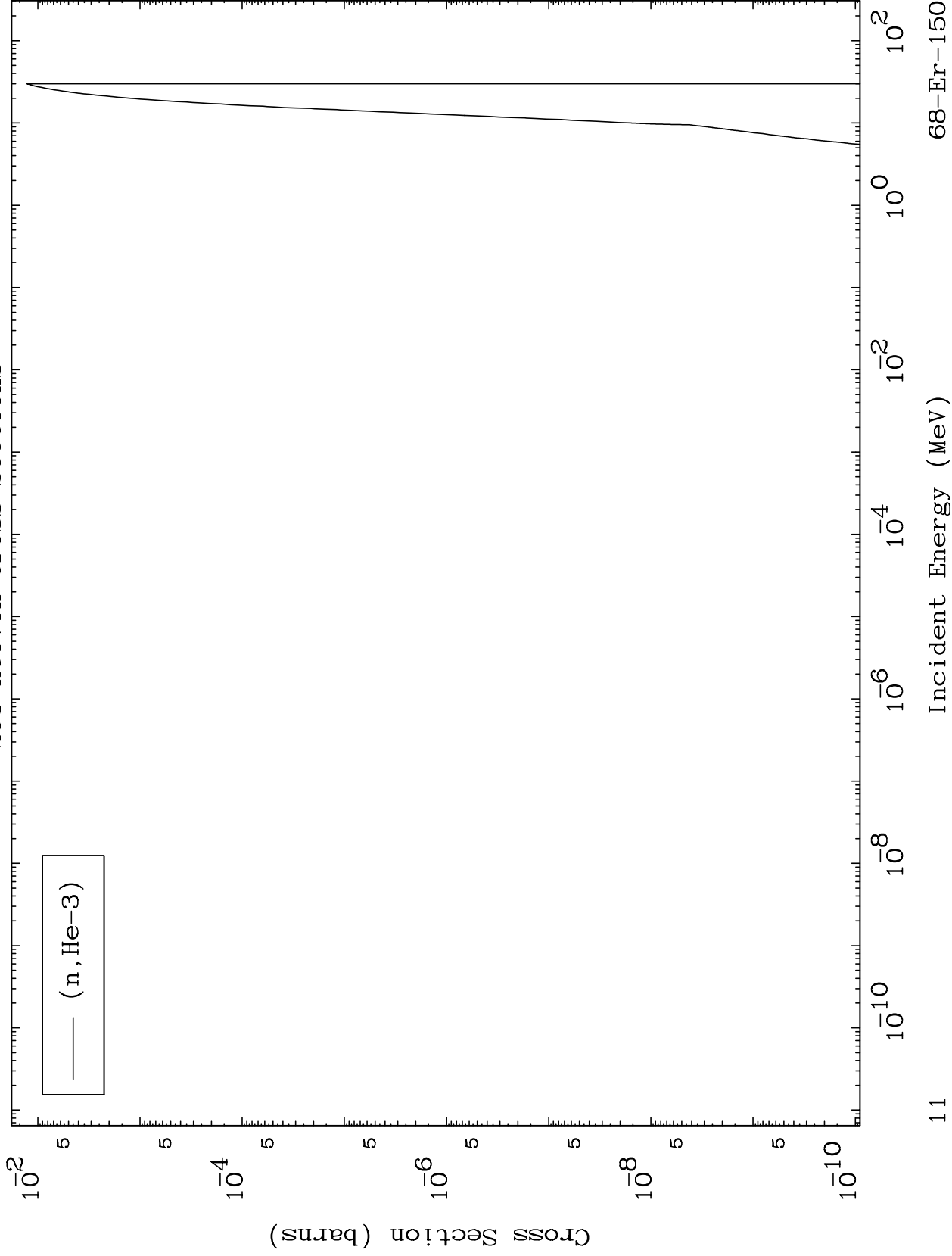
Incident Energy (MeV)

68-Er-150

MAT 6789

(n,He3) Levels
293 Kelvin Cross Sections

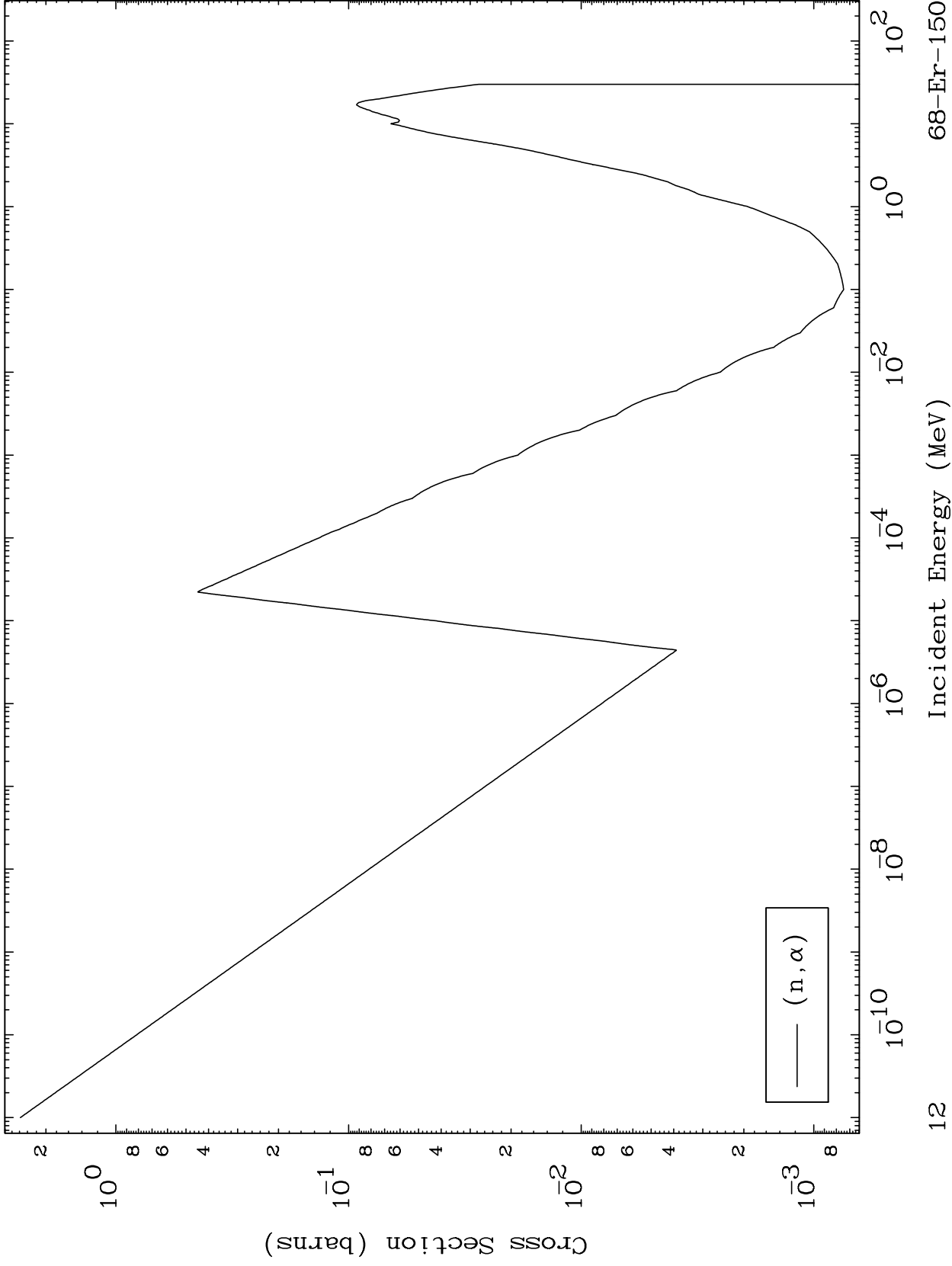
68-Er-150



MAT 6789

(n,α) Levels
293 Kelvin Cross Sections

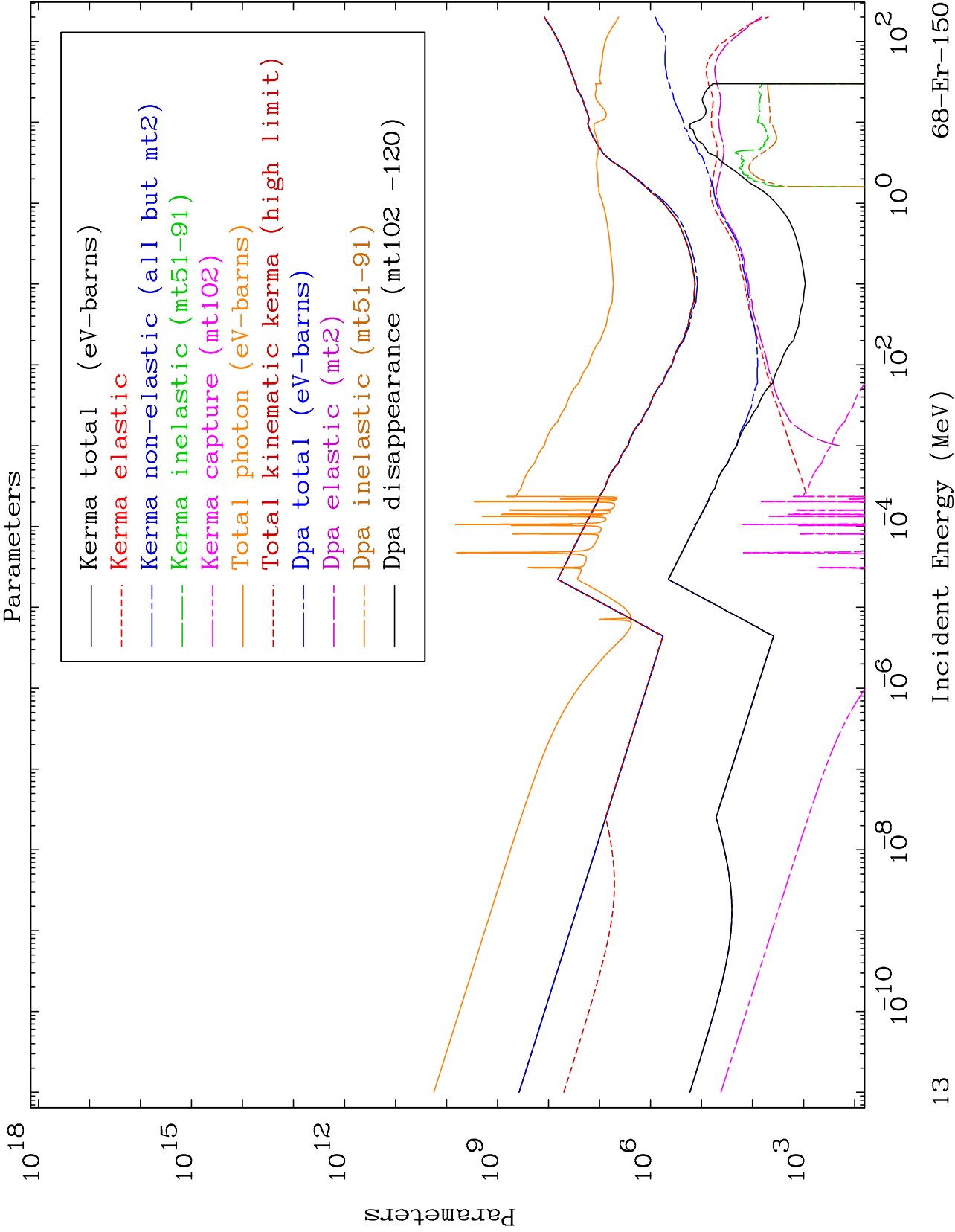
68-Er-150



12

Incident Energy (MeV)

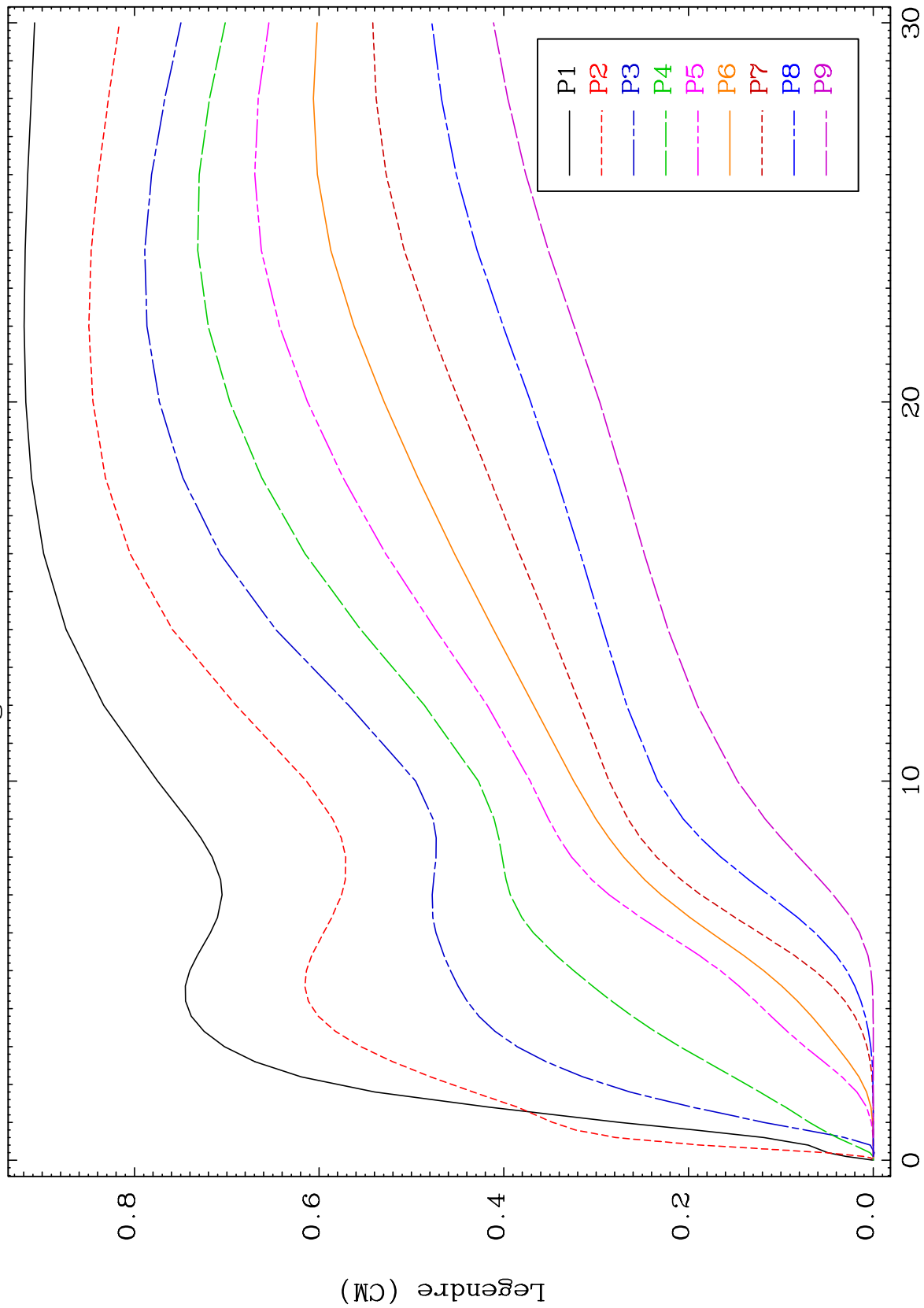
68-Er-150



MAT 6789

Elastic Legendre Coefficients

68-Er-150



14

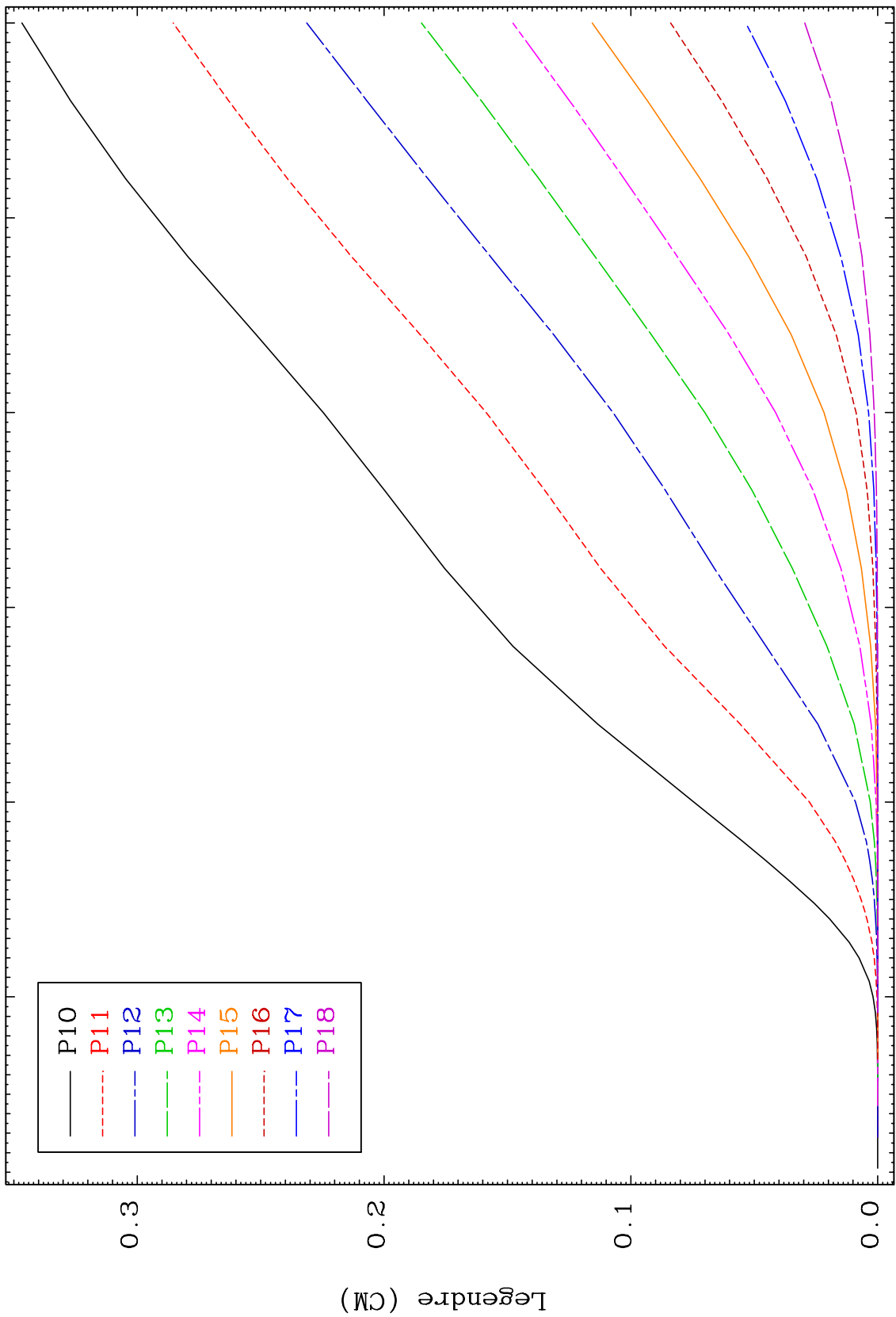
Incident Energy (MeV)

68-Er-150

MAT 6789

Elastic
Legendre Coefficients

68-Er-150



15

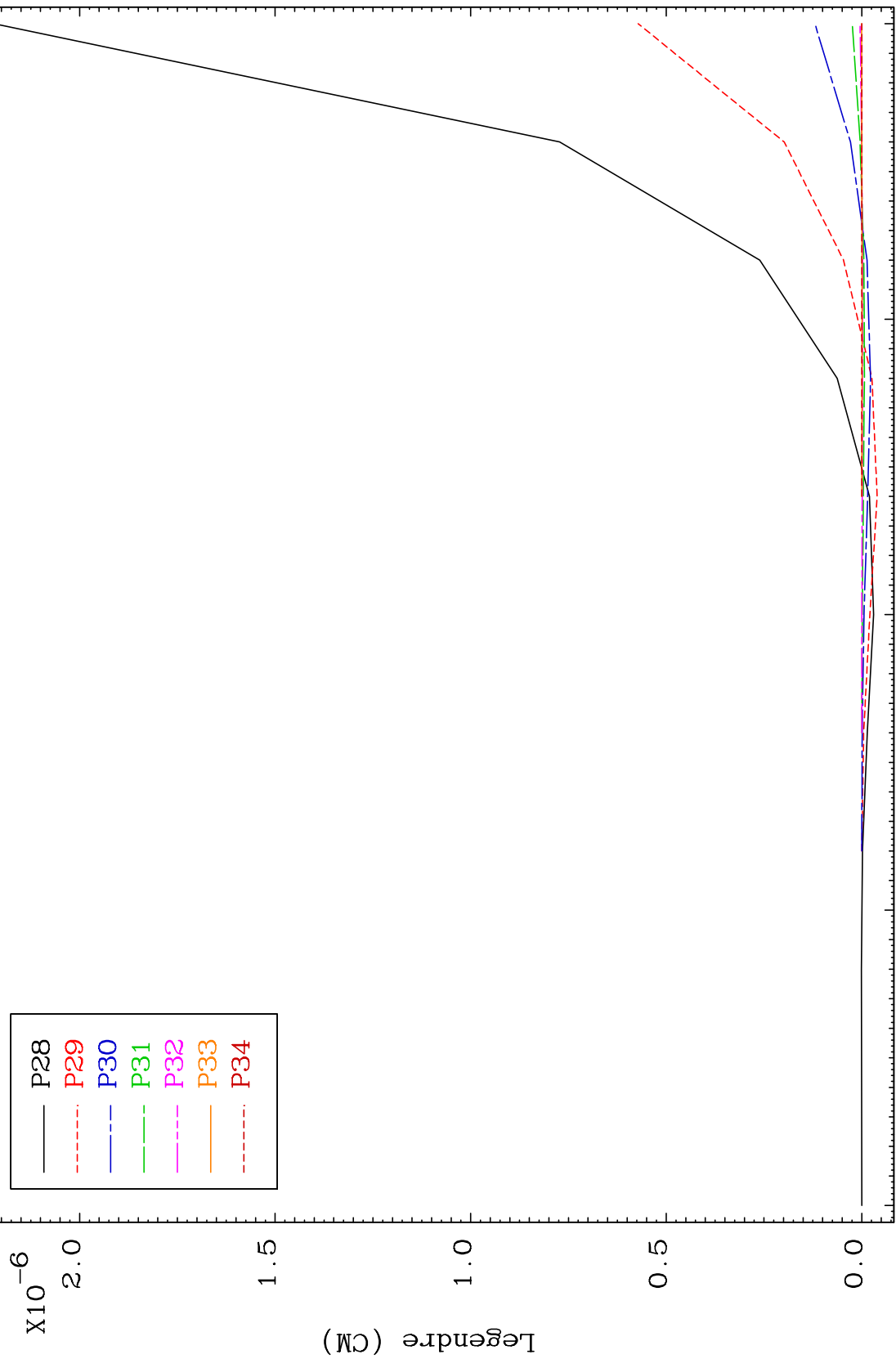
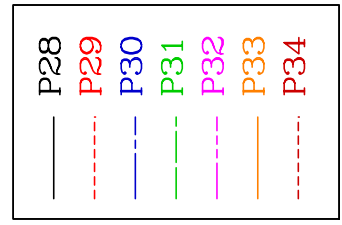
Incident Energy (MeV)

68-Er-150

MAT 6789

Elastic Legendre Coefficients

68-Er-150



68-Er-150

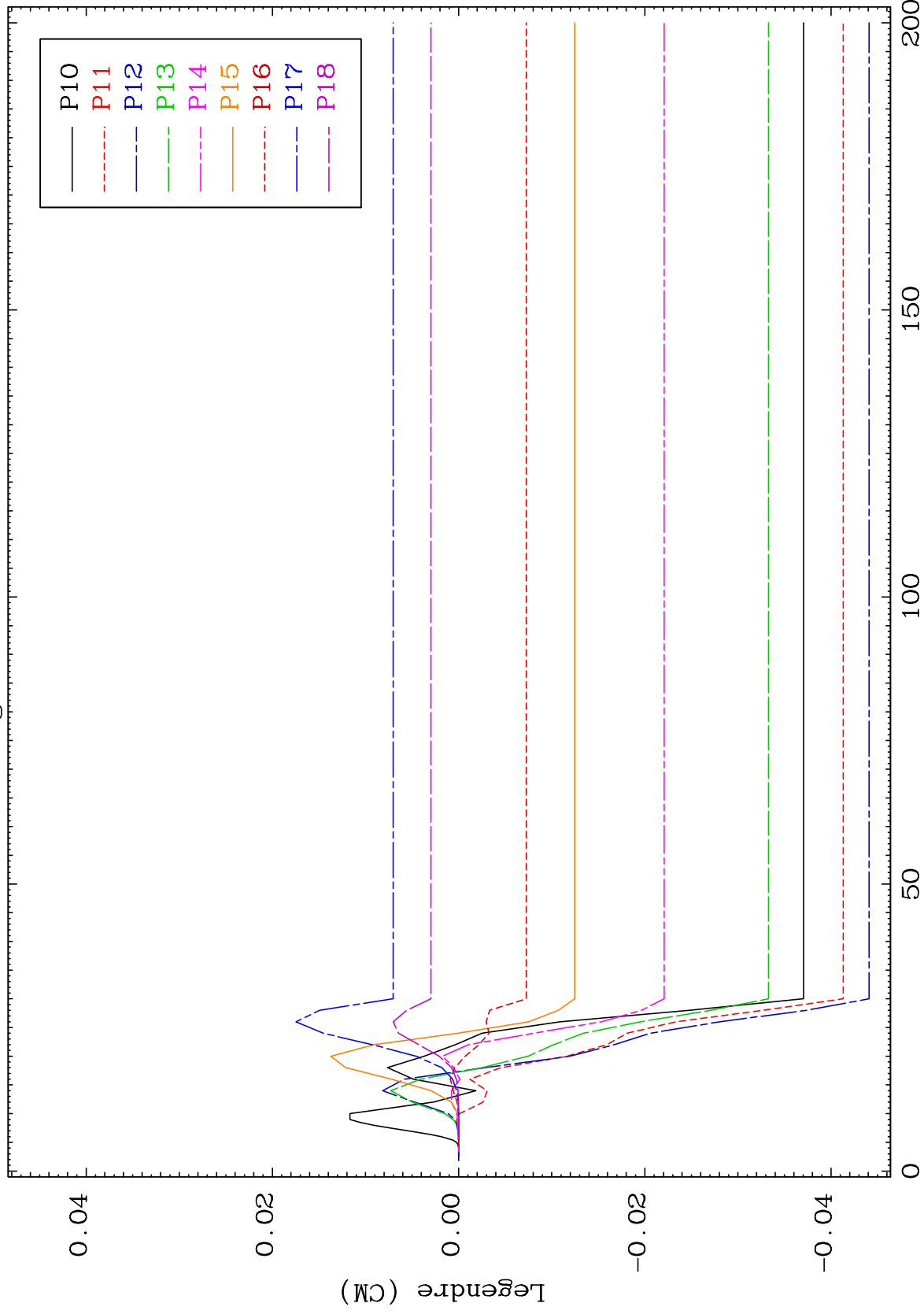
Incident Energy (MeV)

17

MAT 6789

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

68-Er-150



19

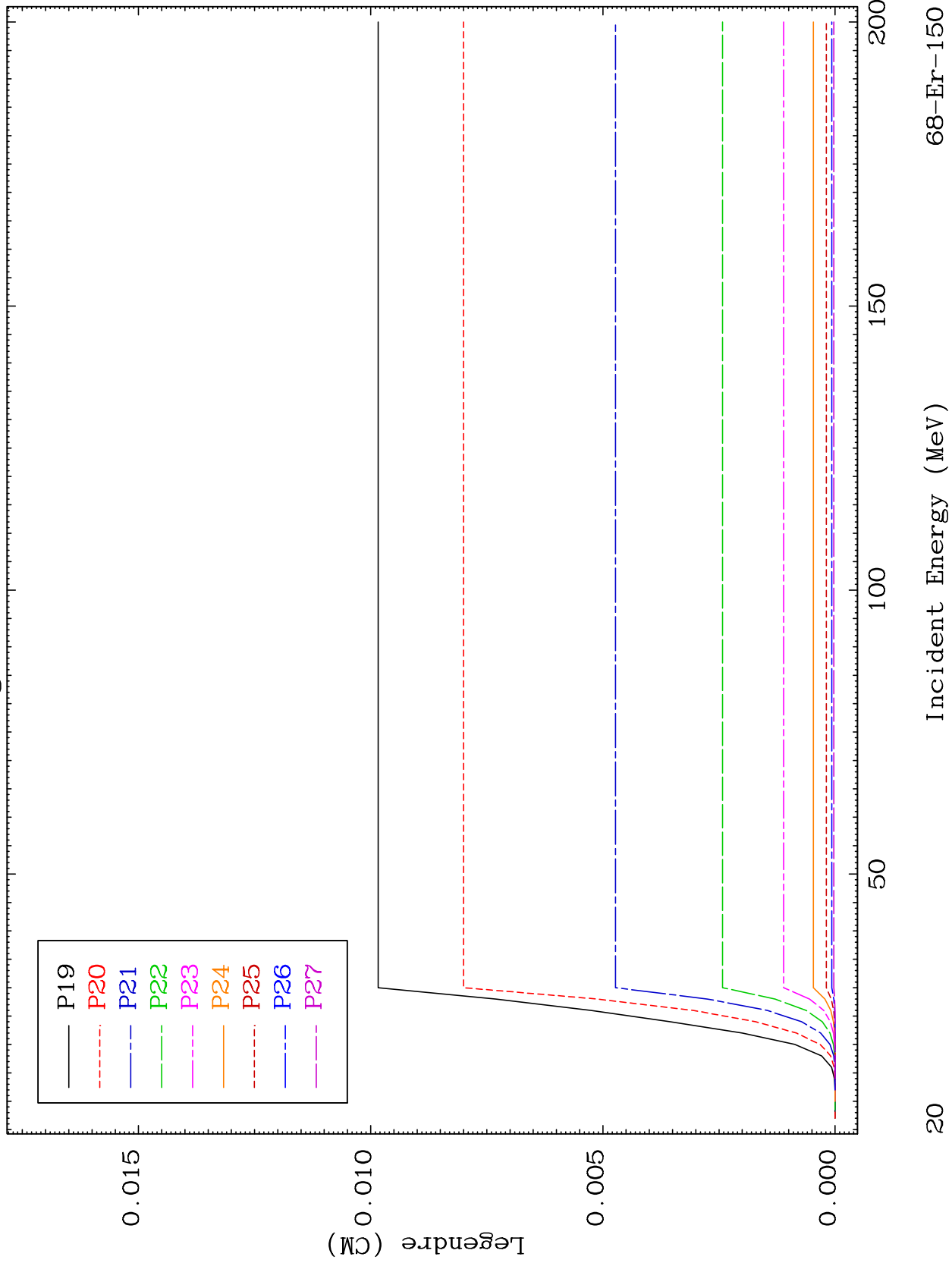
Incident Energy (MeV)

68-Er-150

MAT 6789

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

68-Er-150



68-Er-150

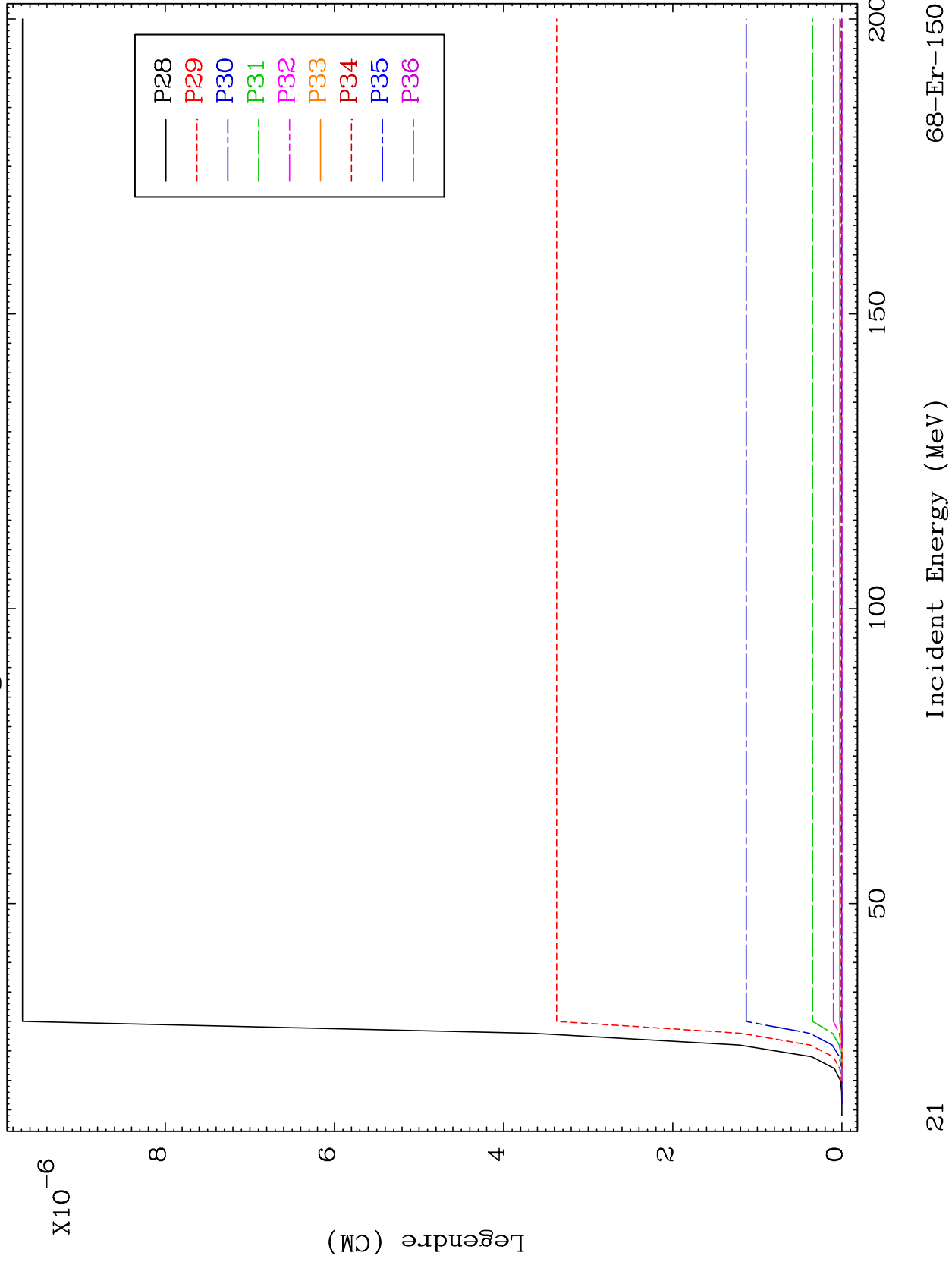
Incident Energy (MeV)

20

MAT 6789

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

68-Er-150



21

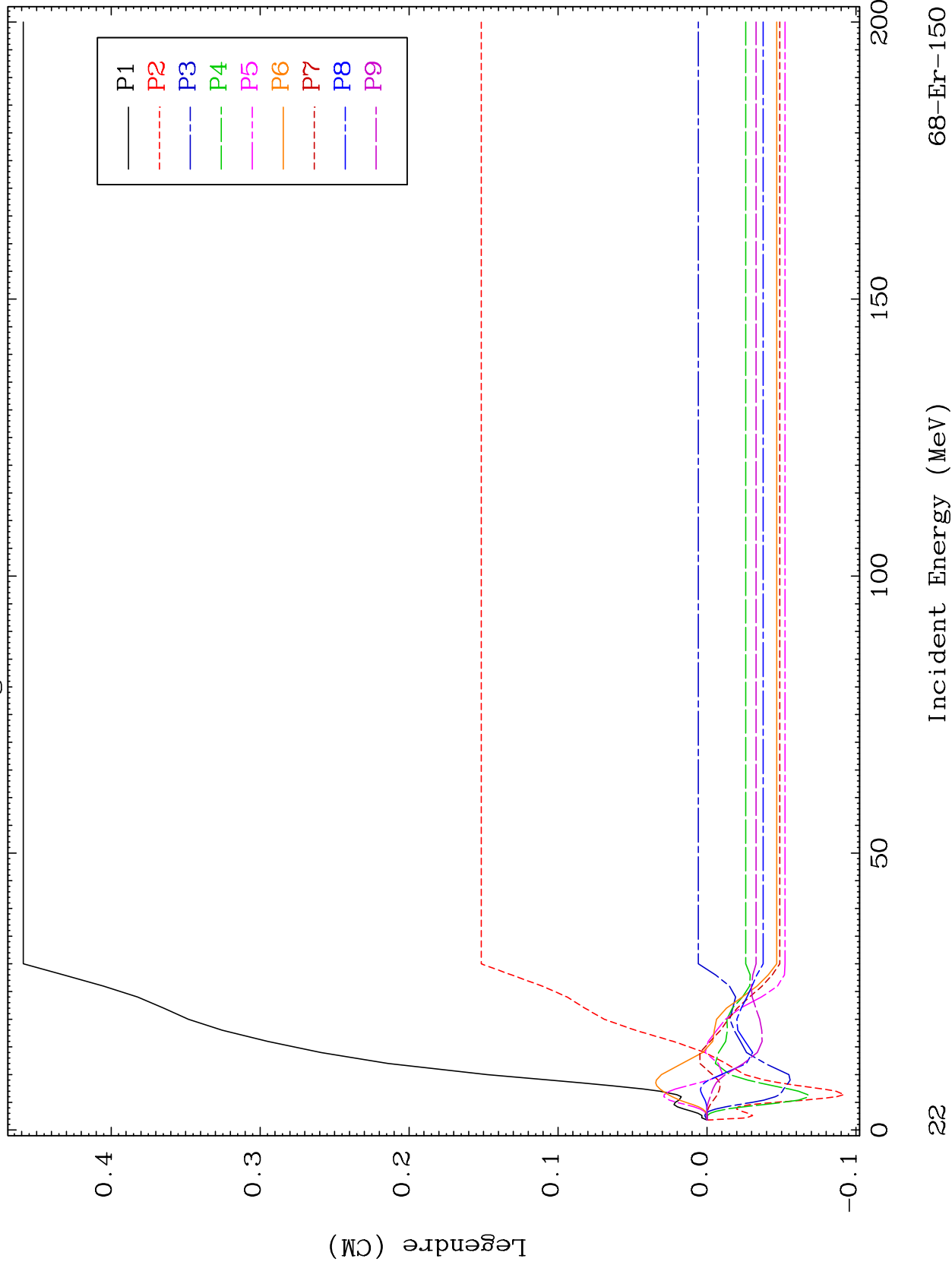
Incident Energy (MeV)

68-Er-150

MAT 6789

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

68-Er-150



68-Er-150

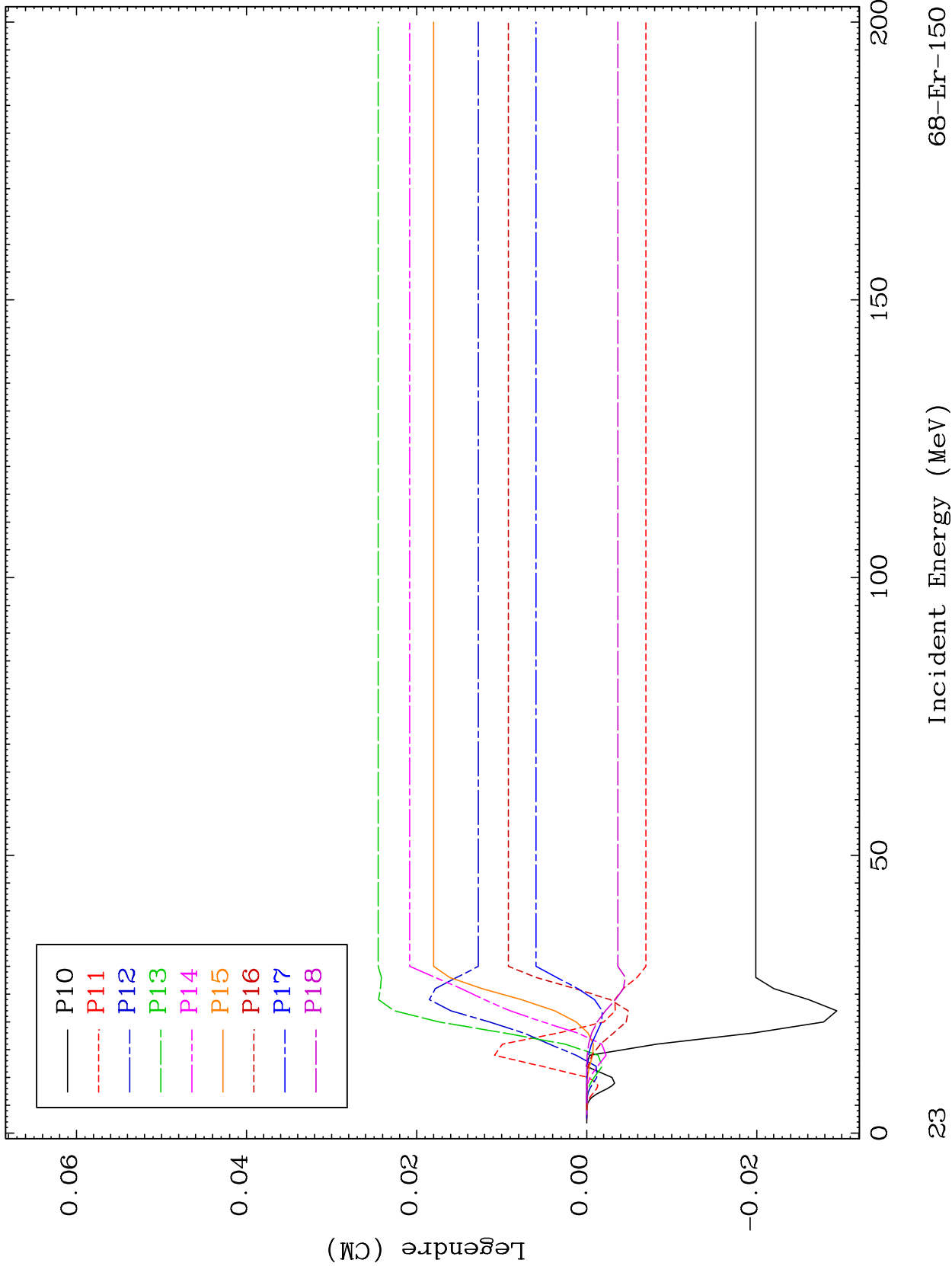
Incident Energy (MeV)

22

MAT 6789

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

68-Er-150



23

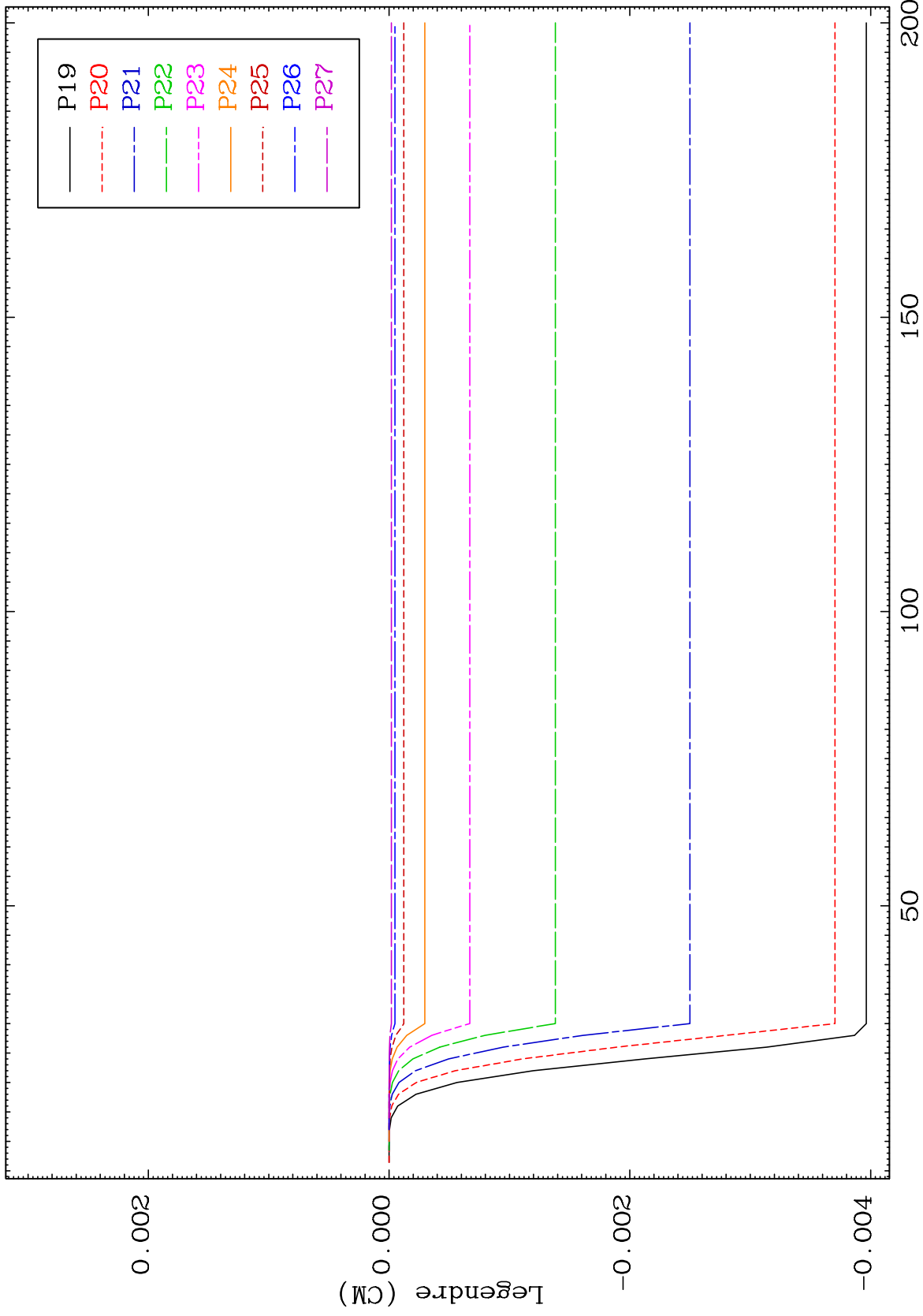
Incident Energy (MeV)

68-Er-150

MAT 6789

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

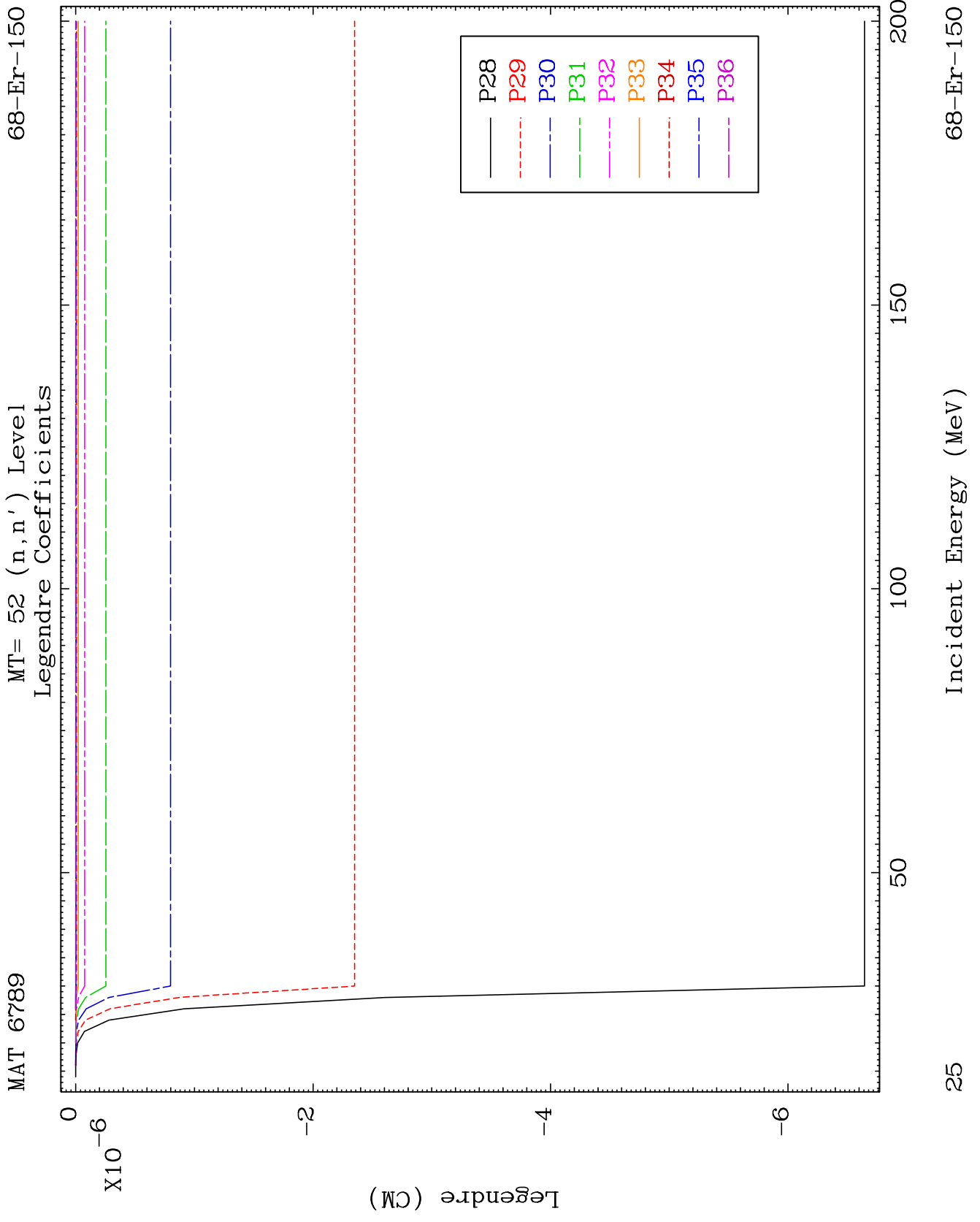
68-Er-150



24

Incident Energy (MeV)

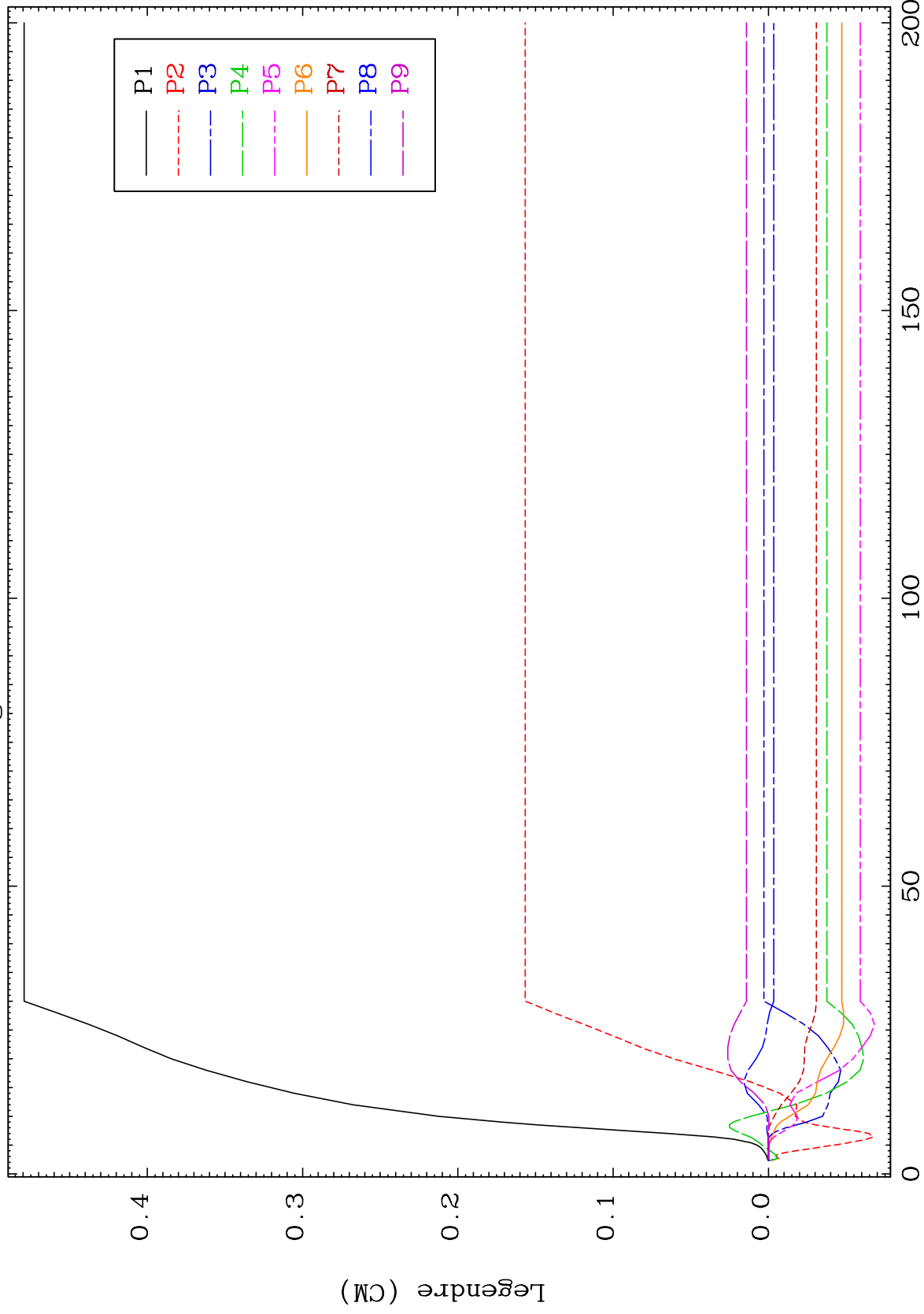
68-Er-150



MAT 6789

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

68-Er-150



26

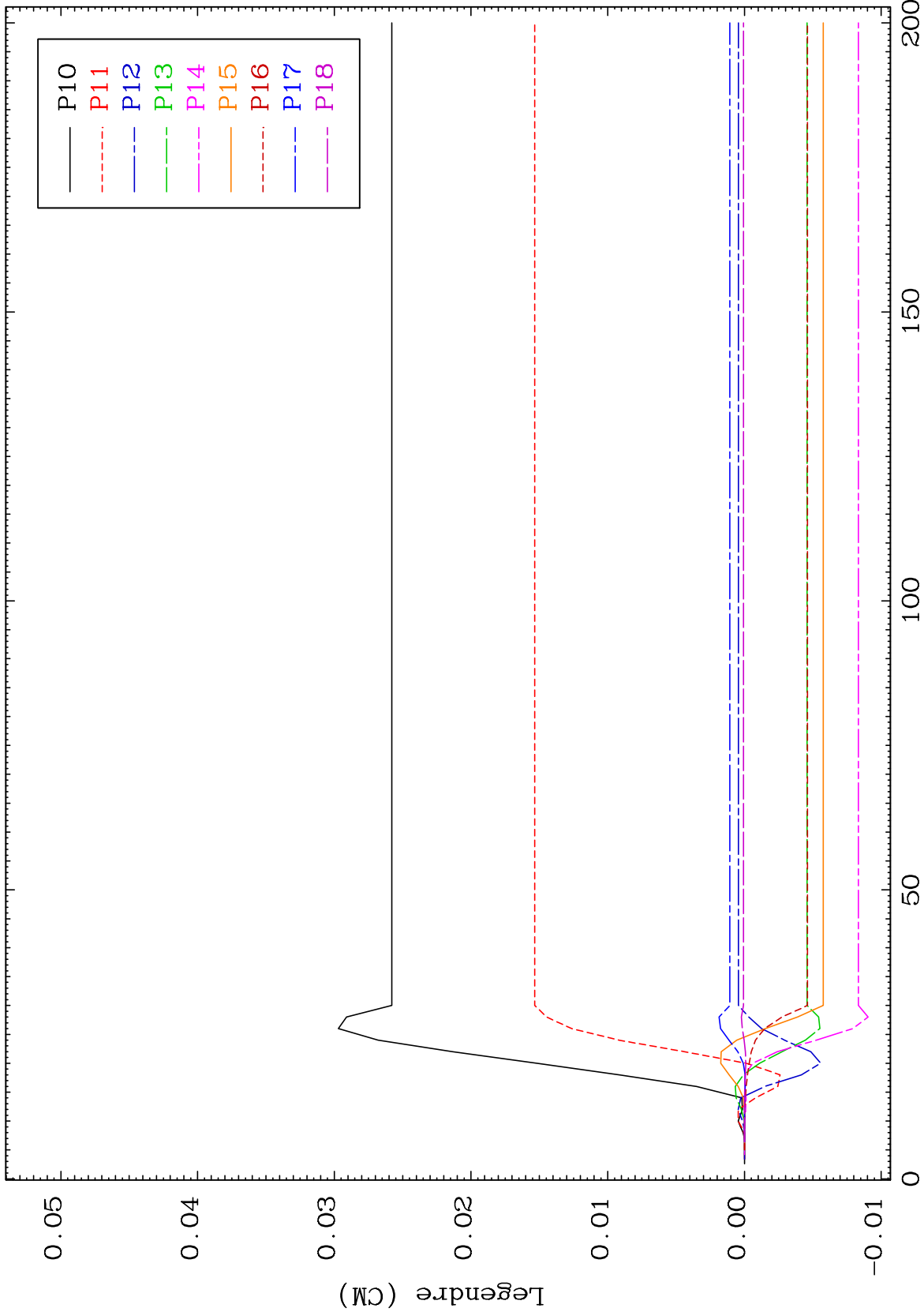
Incident Energy (MeV)

68-Er-150

MAT 6789

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

68-Er-150



27

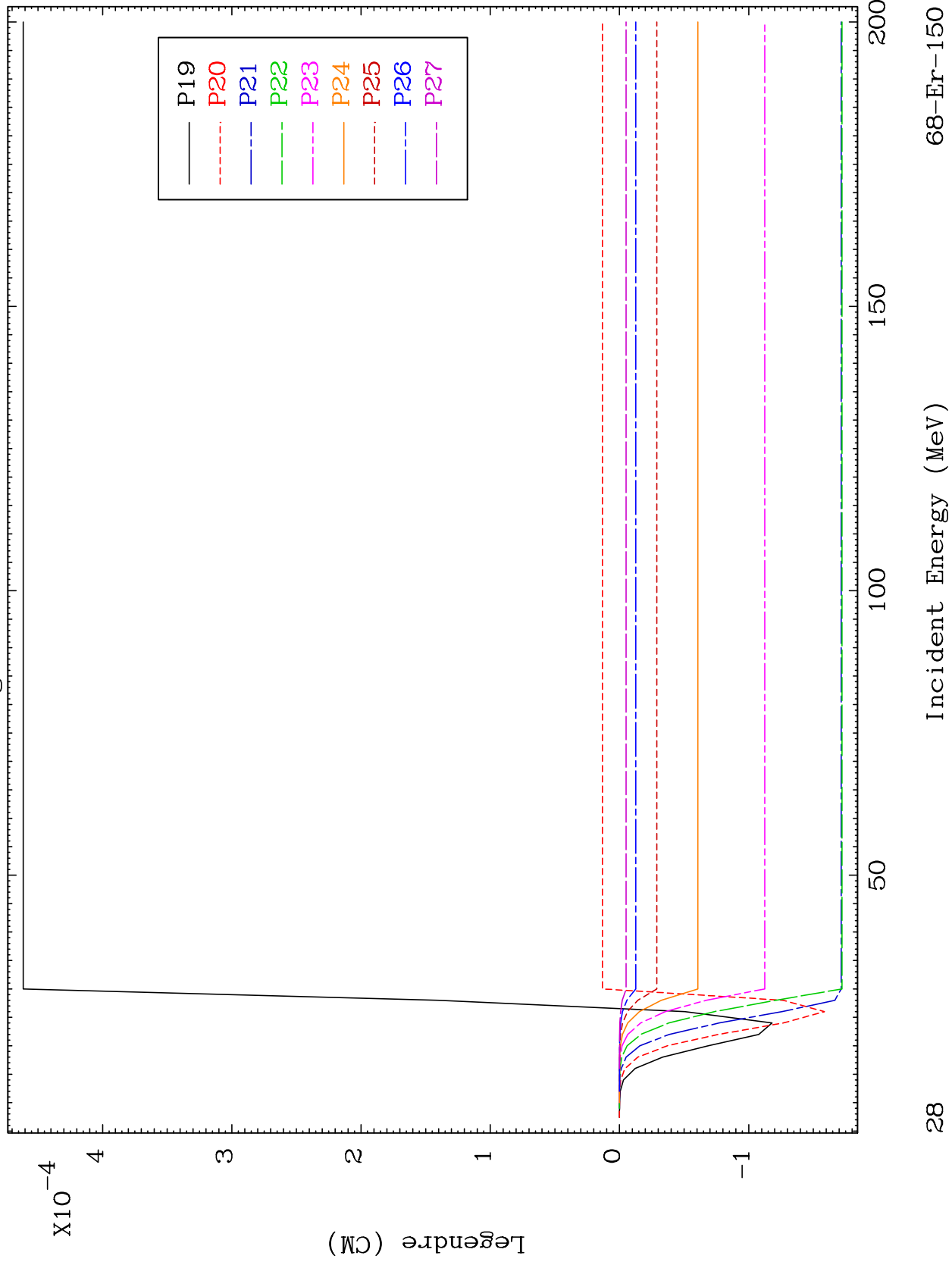
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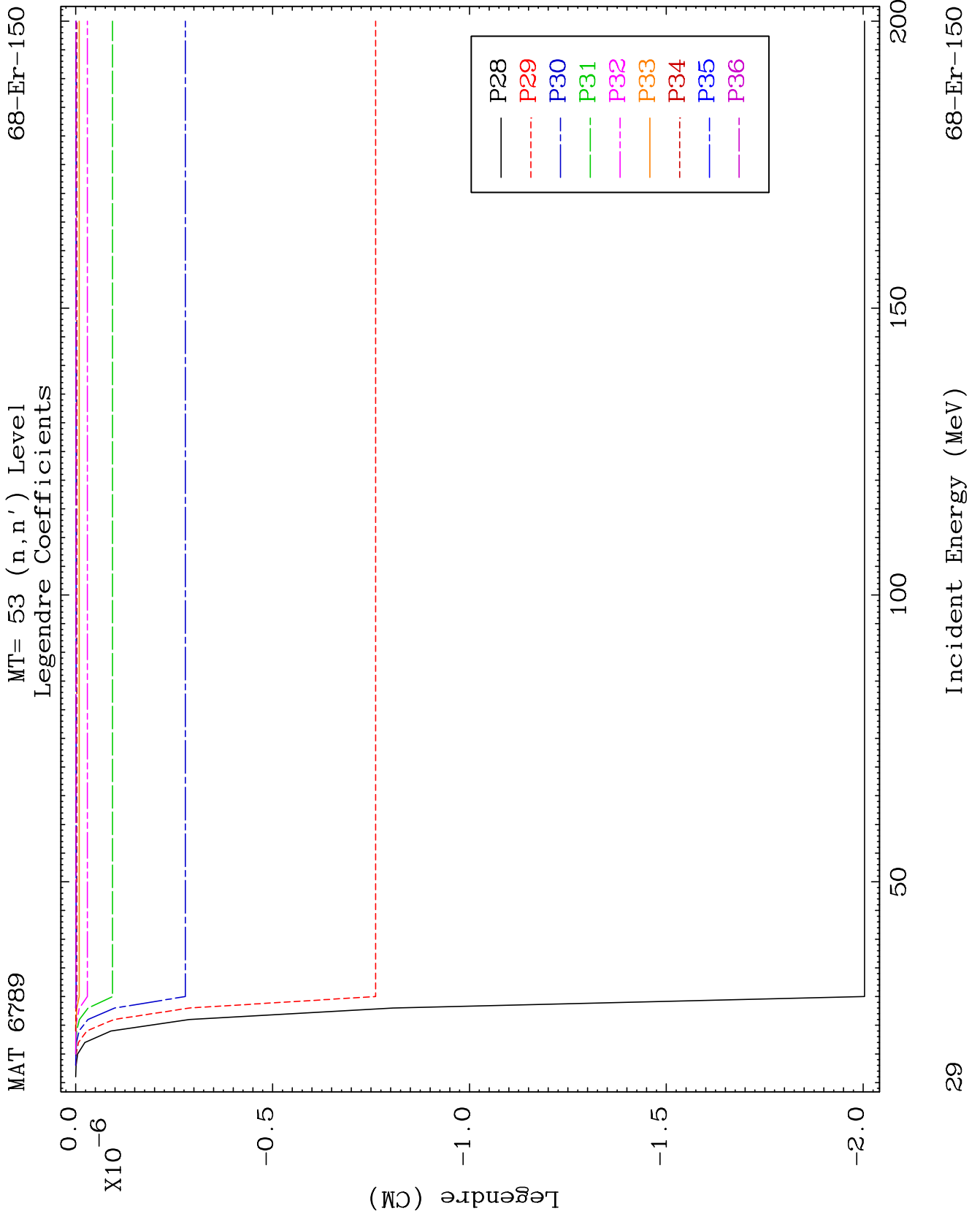
68-Er-150

MAT 6789

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

68-Er-150

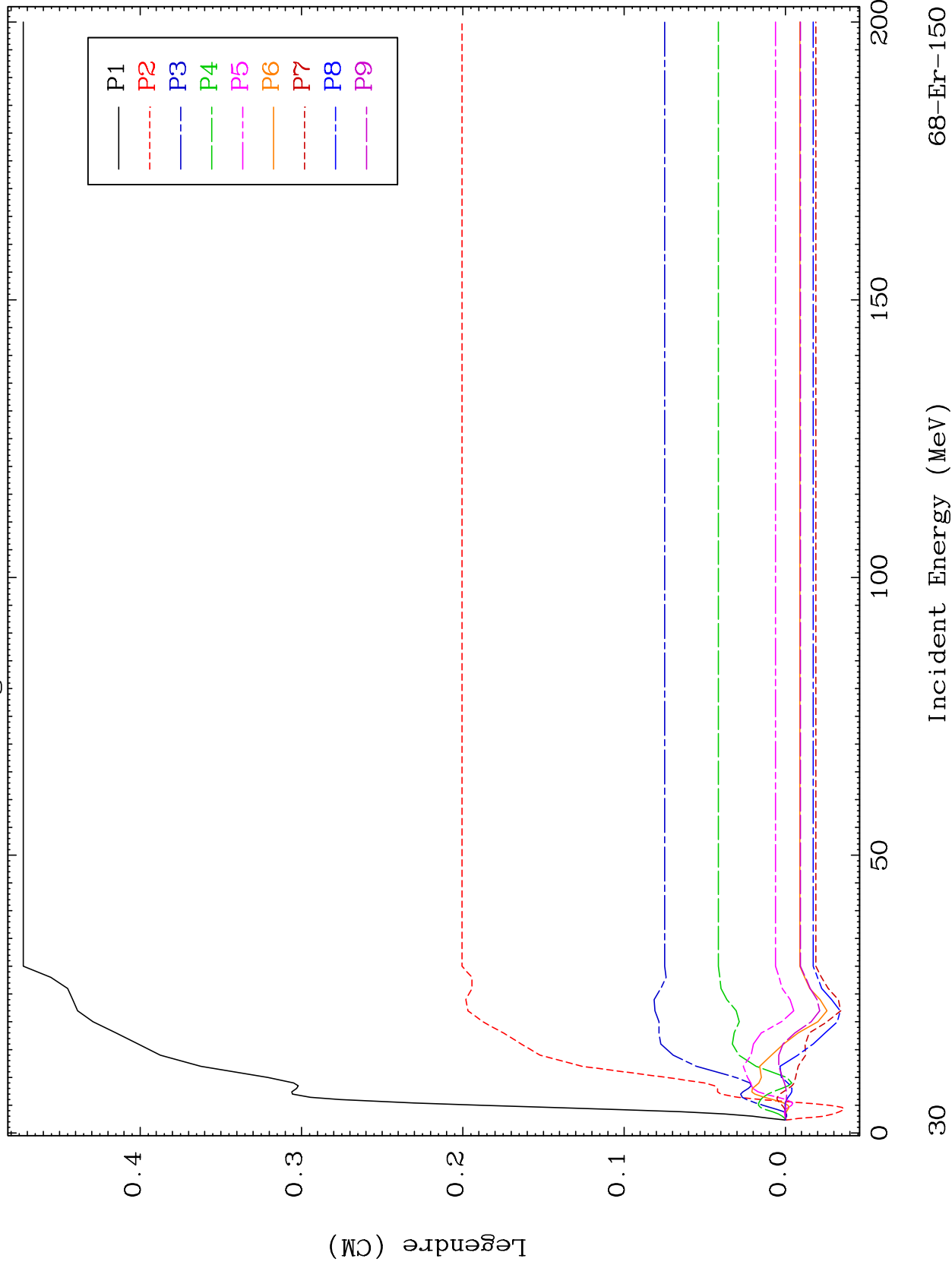




MAT 6789

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

68-Er-150



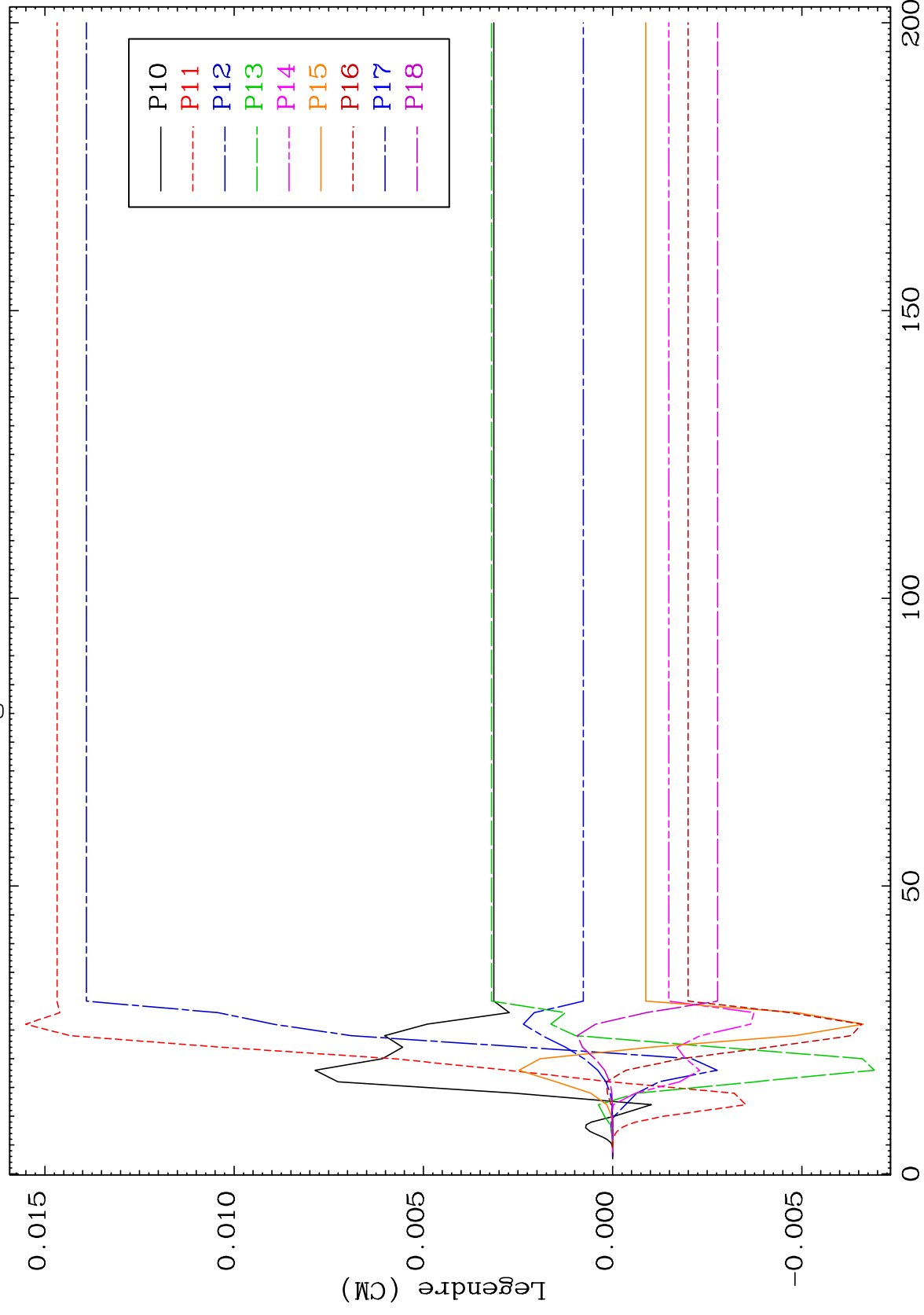
68-Er-150

Incident Energy (MeV)

MAT 6789

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

68-Er-150



31

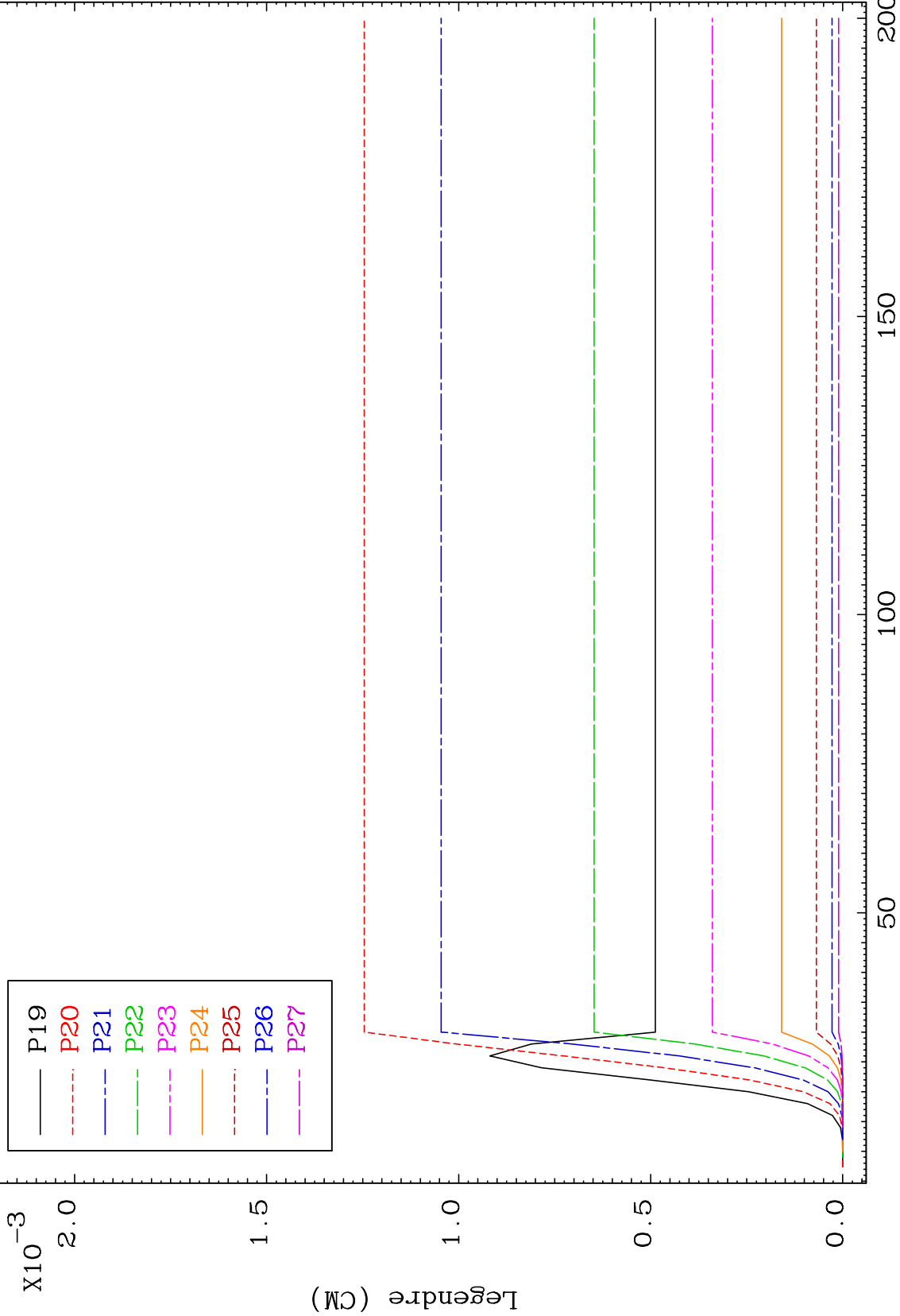
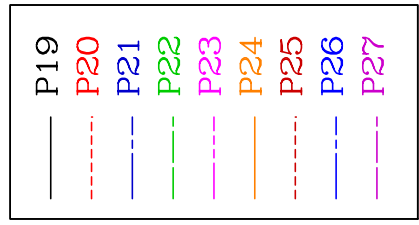
Incident Energy (MeV)

68-Er-150

MAT 6789

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

68-Er-150



32

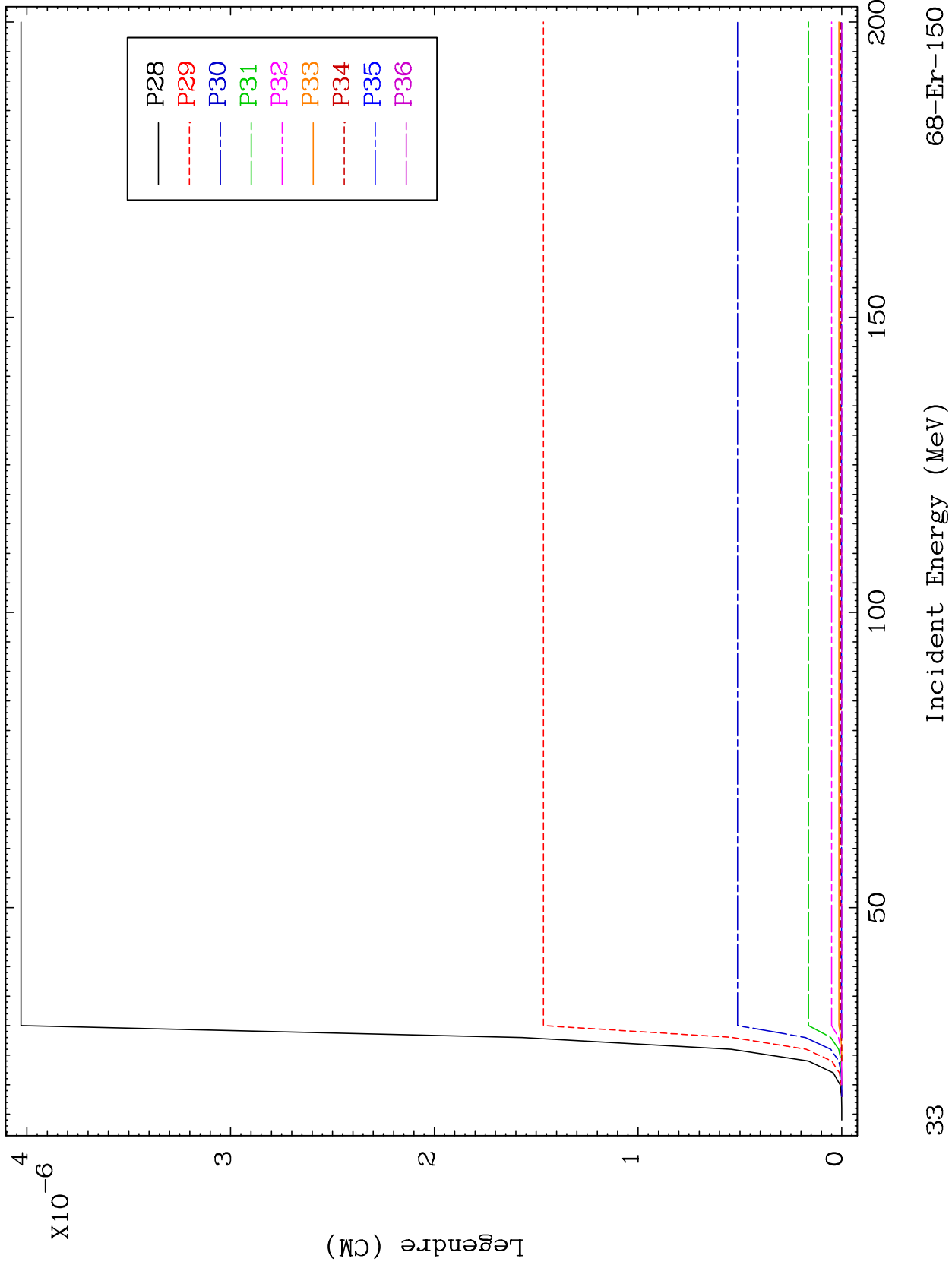
Incident Energy (MeV)

68-Er-150

MAT 6789

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

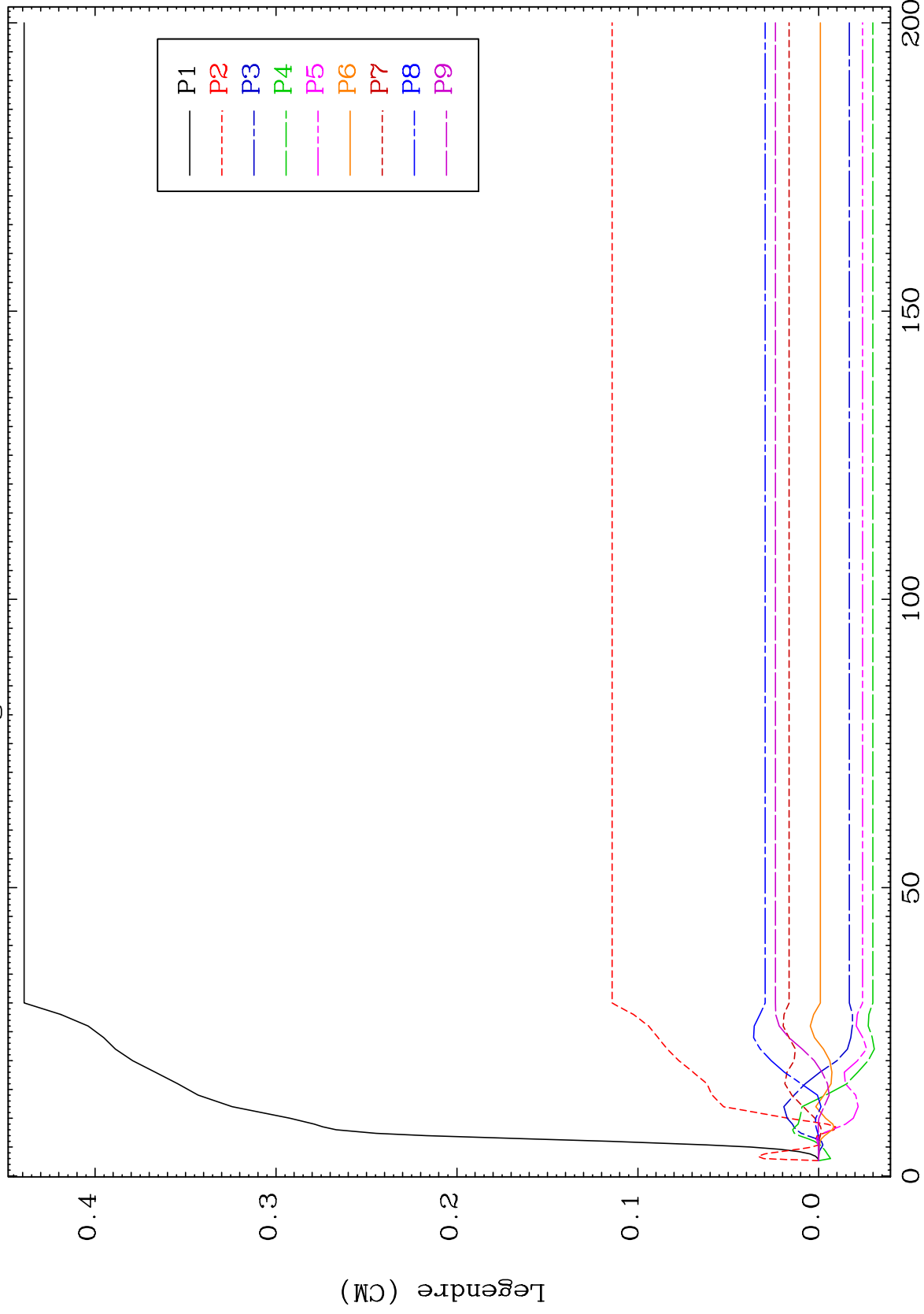
68-Er-150



MAT 6789

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

68-Er-150



34

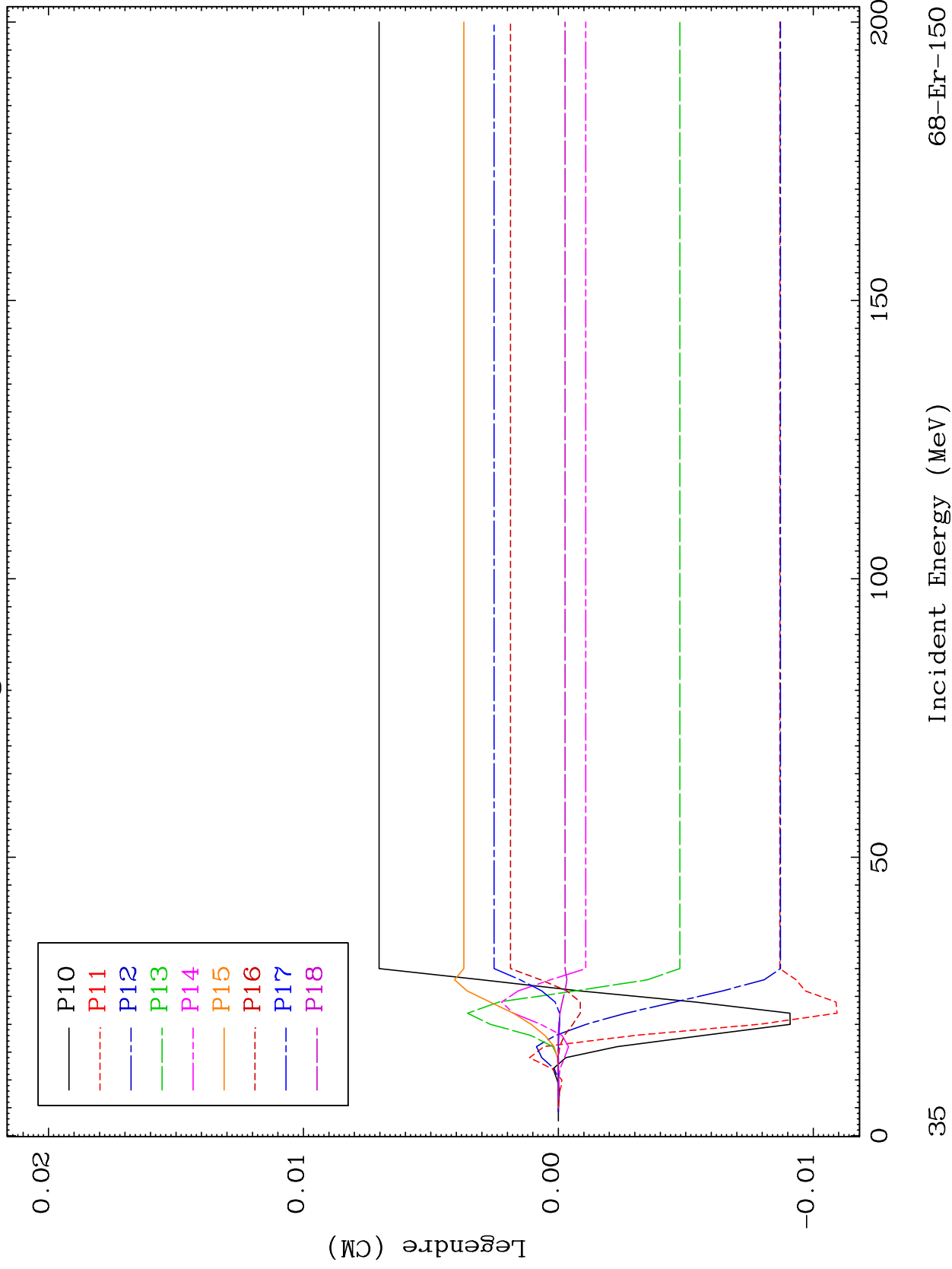
Incident Energy (MeV)

68-Er-150

MAT 6789

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

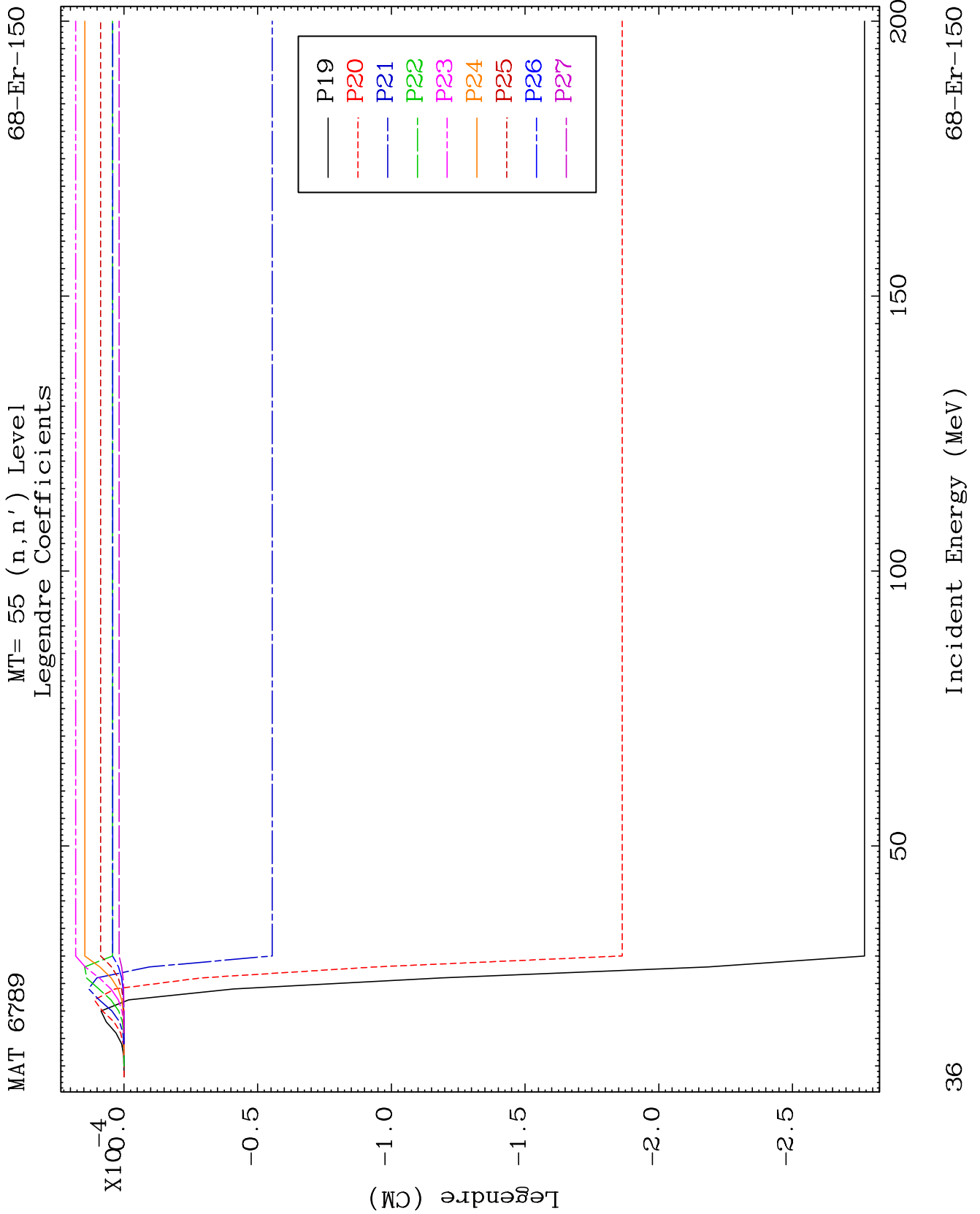
68-Er-150



68-Er-150

Incident Energy (MeV)

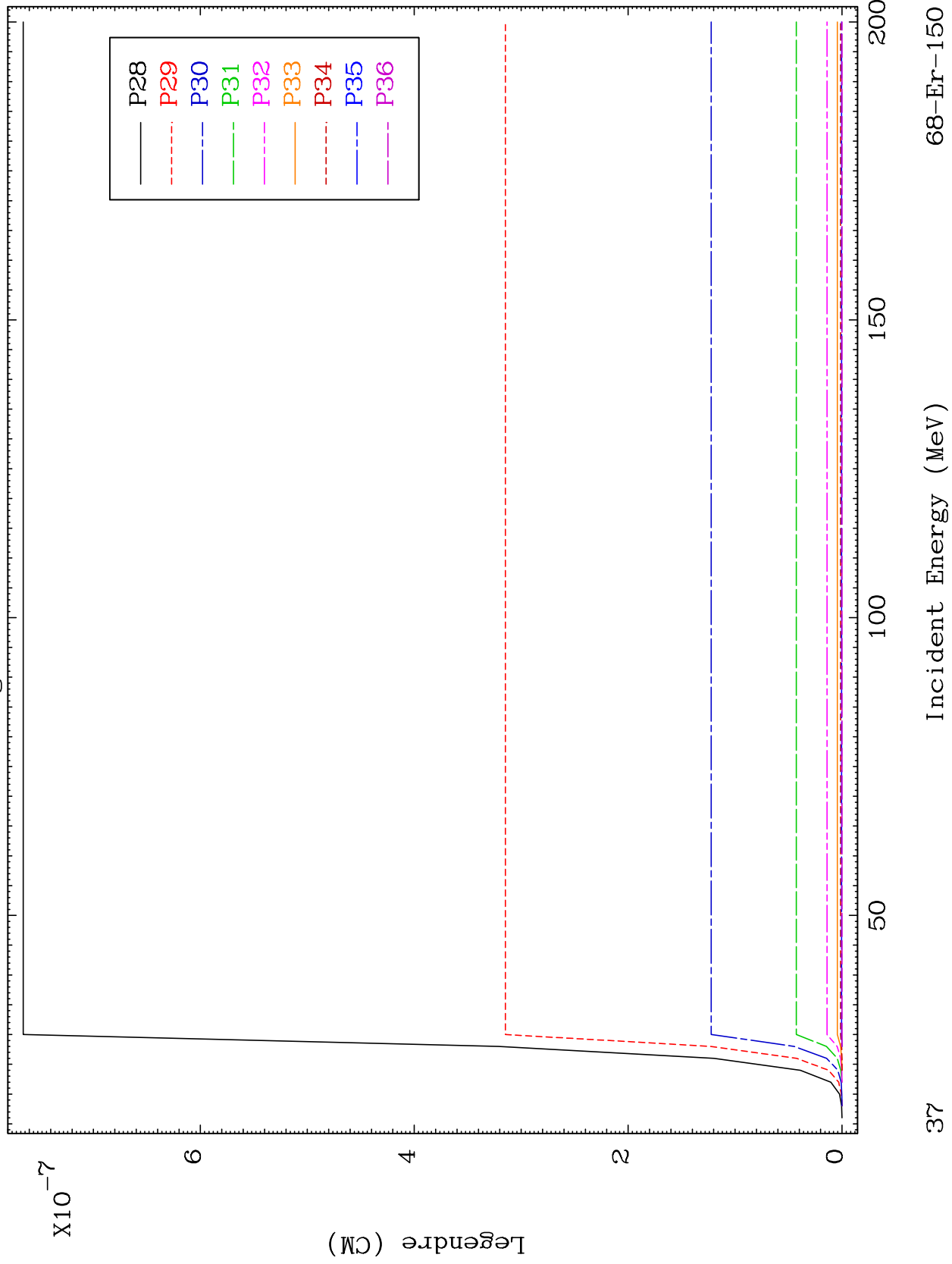
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MAT 6789

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

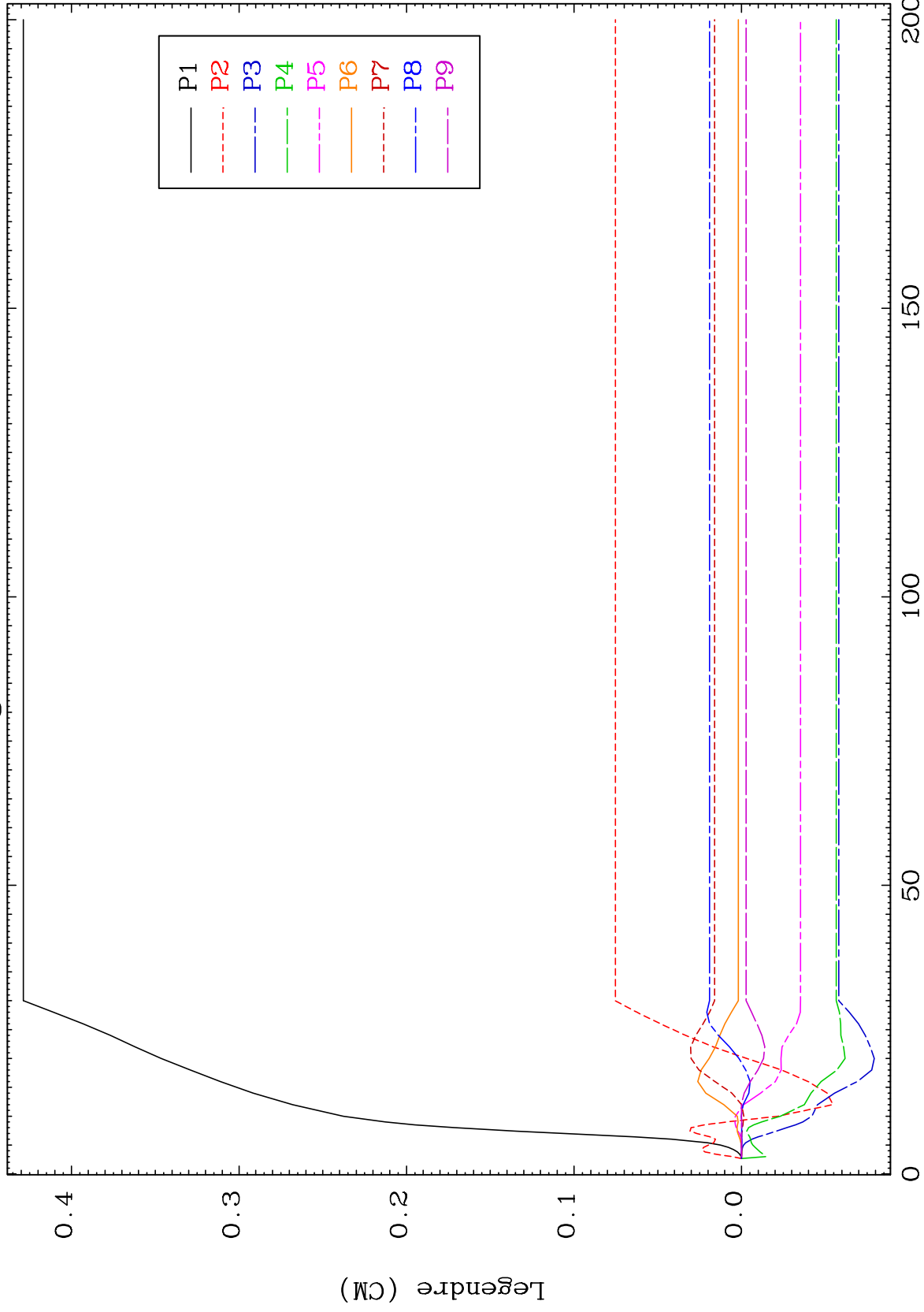
68-Er-150



MAT 6789

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

68-Er-150



68-Er-150

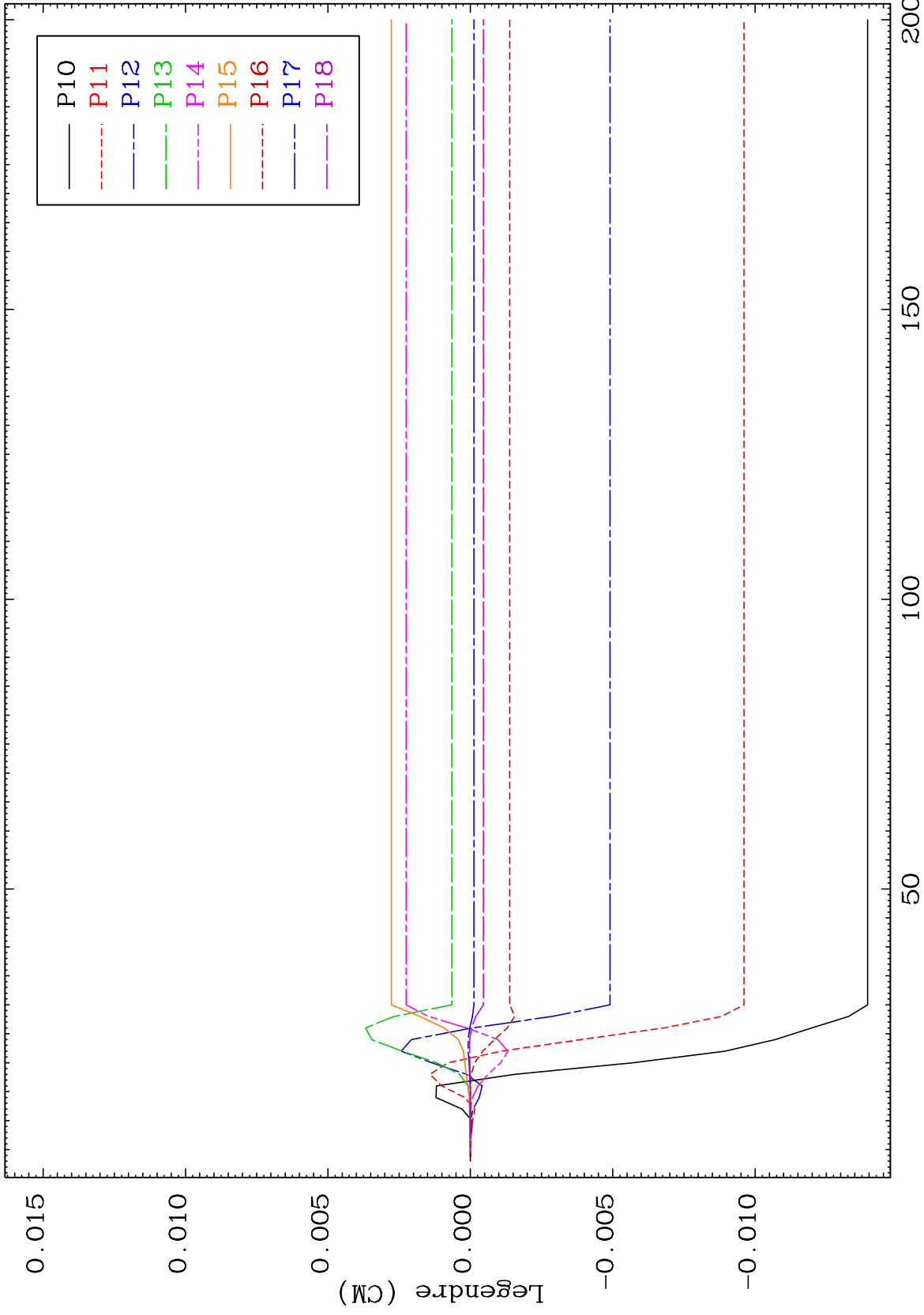
Incident Energy (MeV)

38

MAT 6789

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

68-Er-150



39

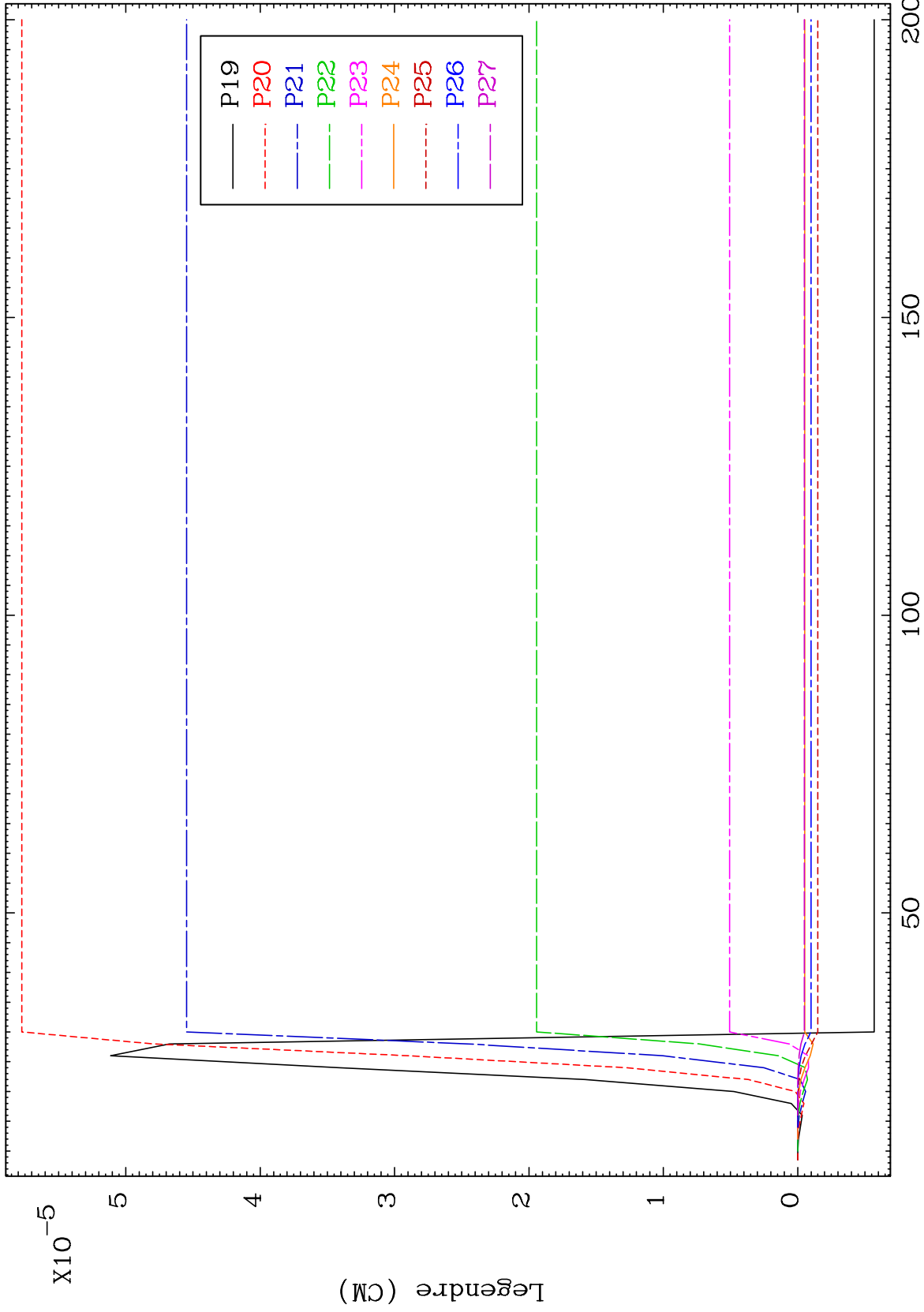
Incident Energy (MeV)

68-Er-150

MAT 6789

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

68-Er-150



40

Incident Energy (MeV)

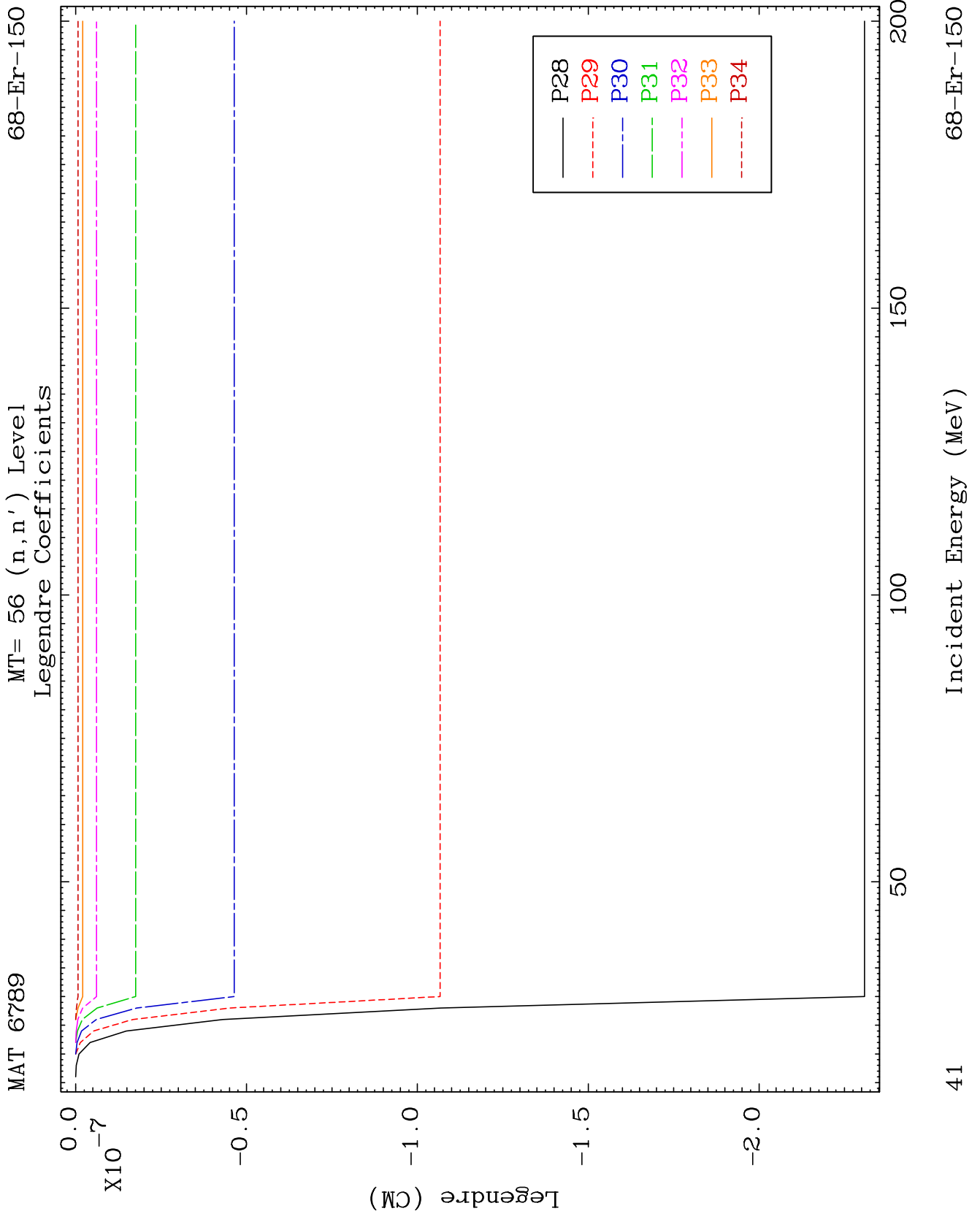
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150

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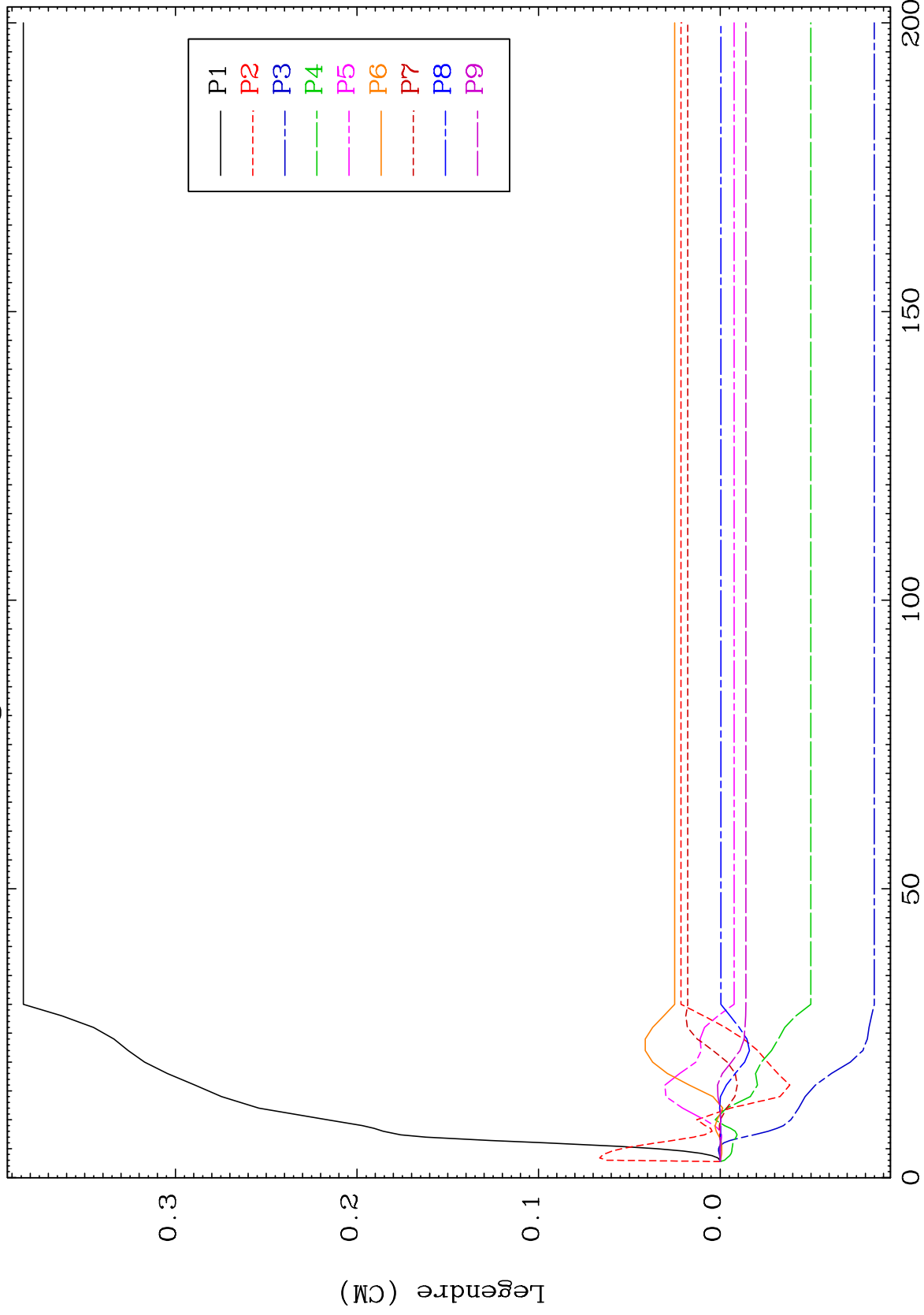
68-Er-150



MAT 6789

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

68-Er-150



42

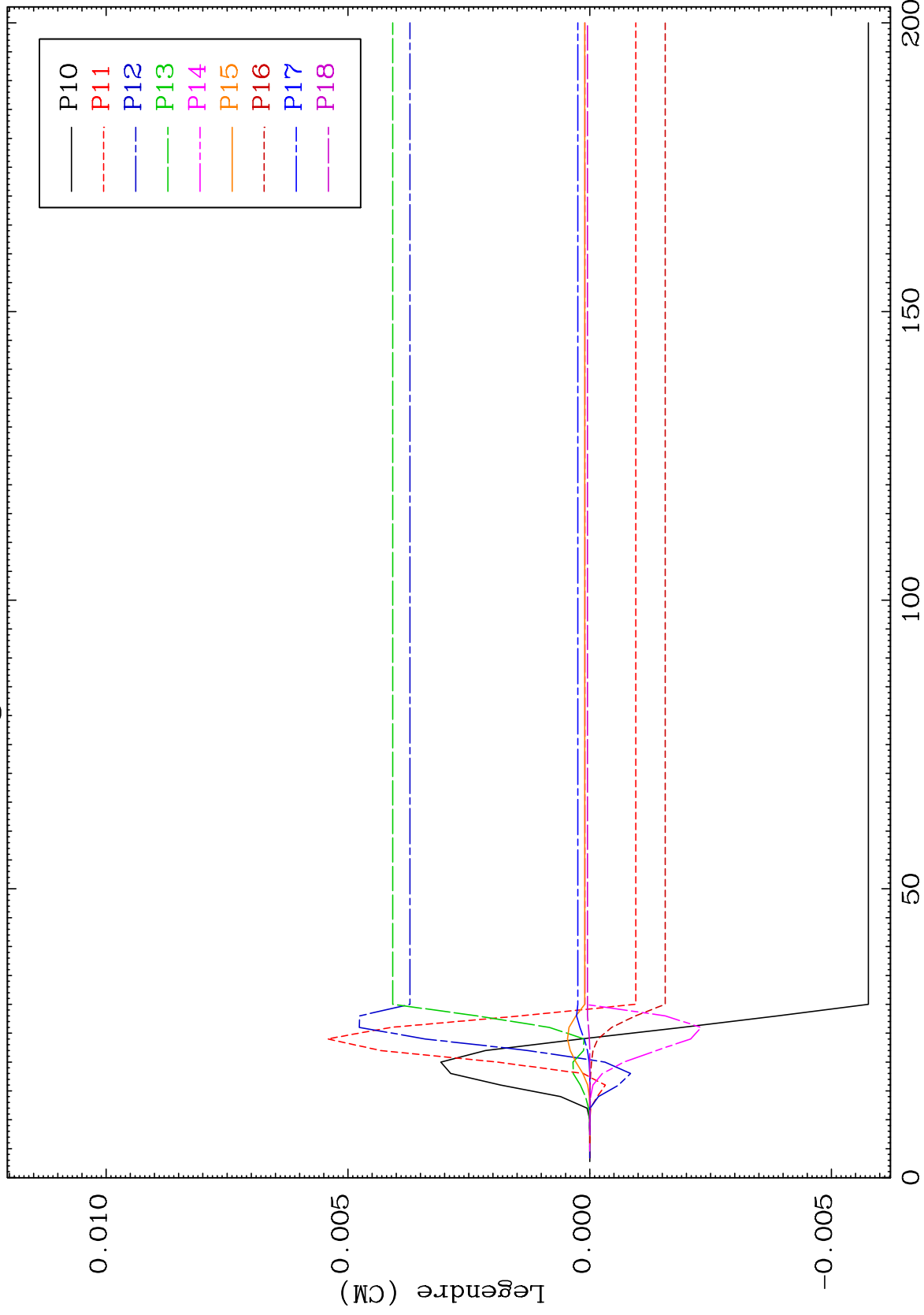
Incident Energy (MeV)

68-Er-150

MAT 6789

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

68-Er-150



43

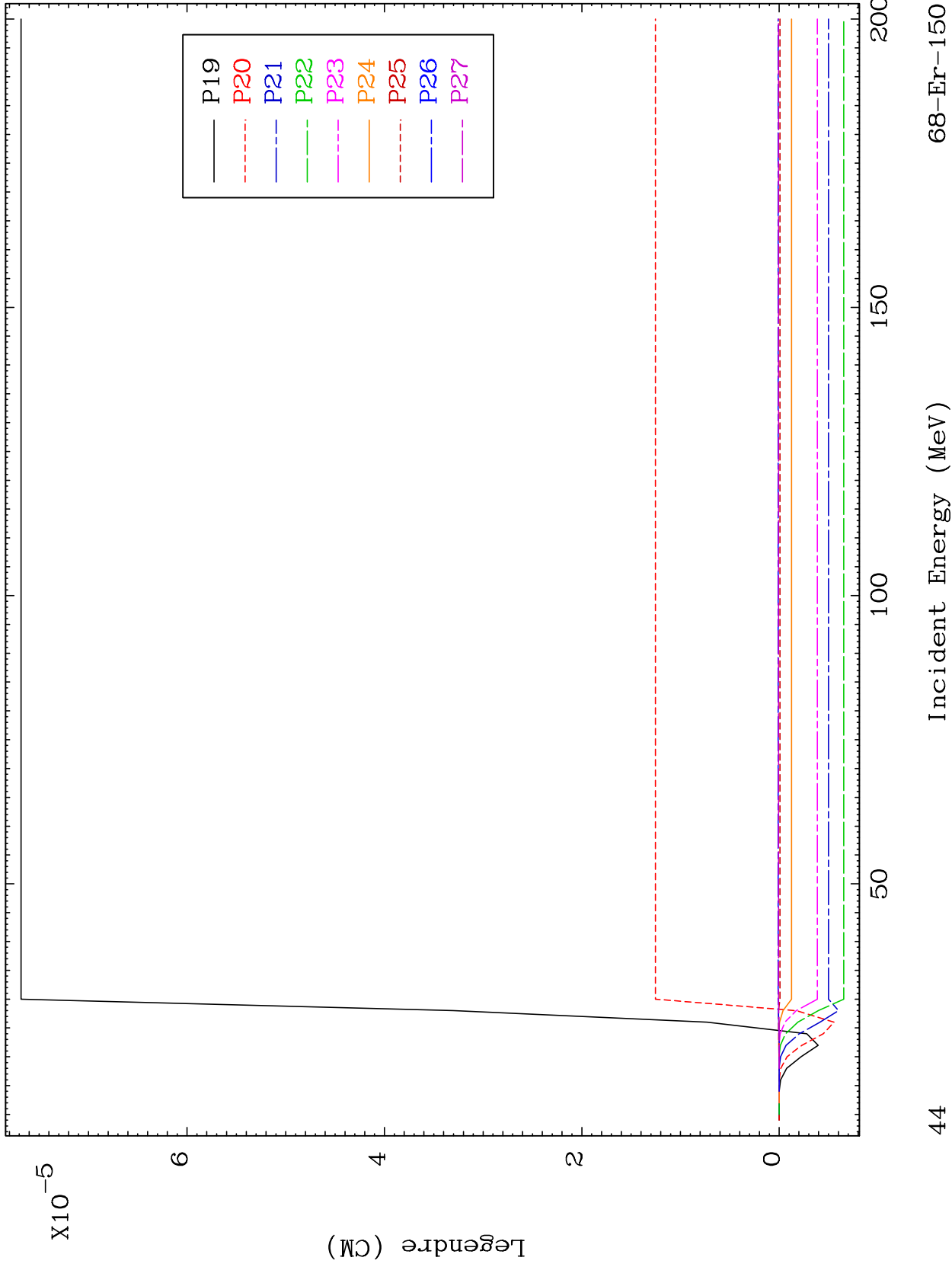
Incident Energy (MeV)

68-Er-150

MAT 6789

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

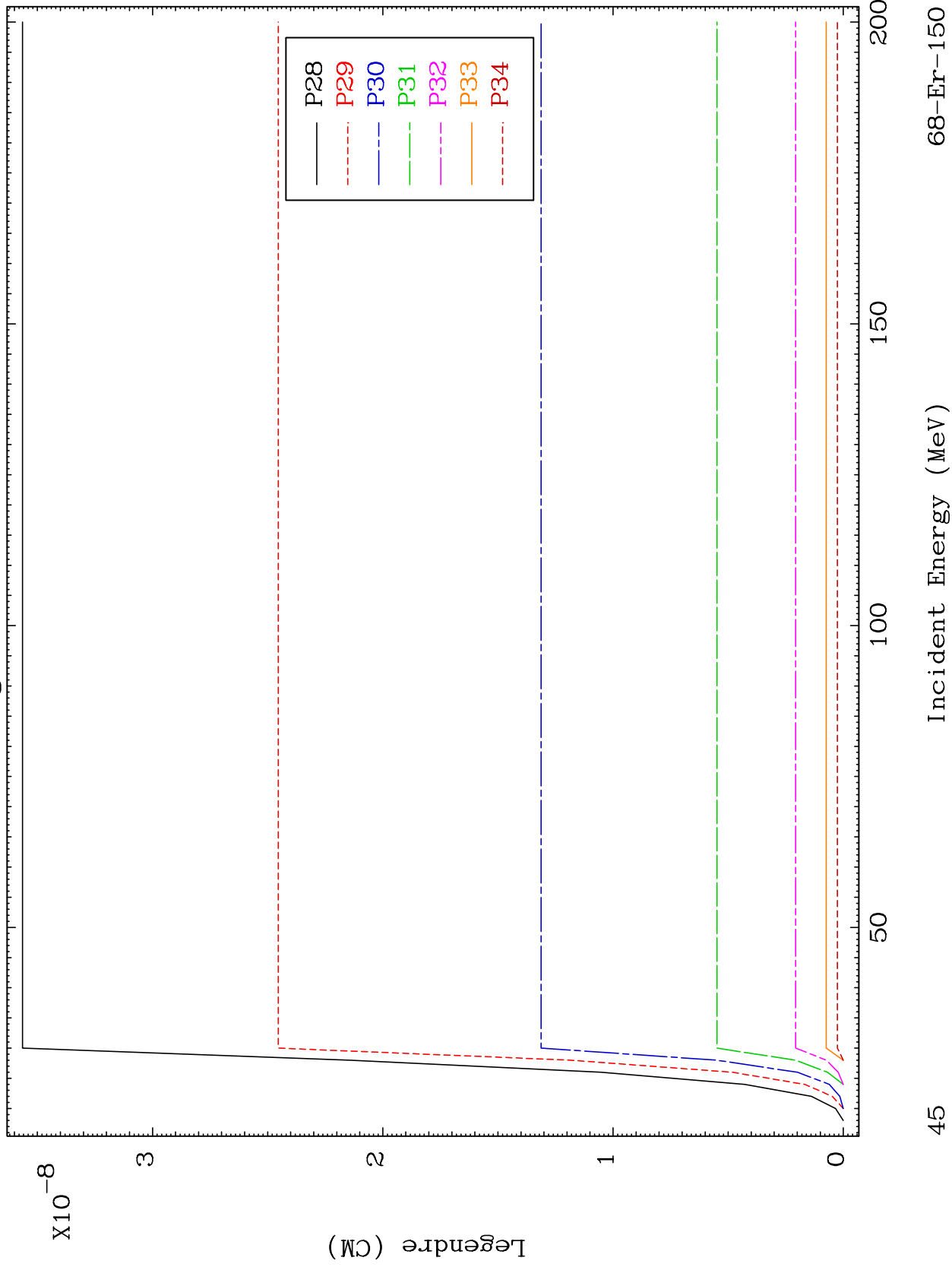
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MAT 6789

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

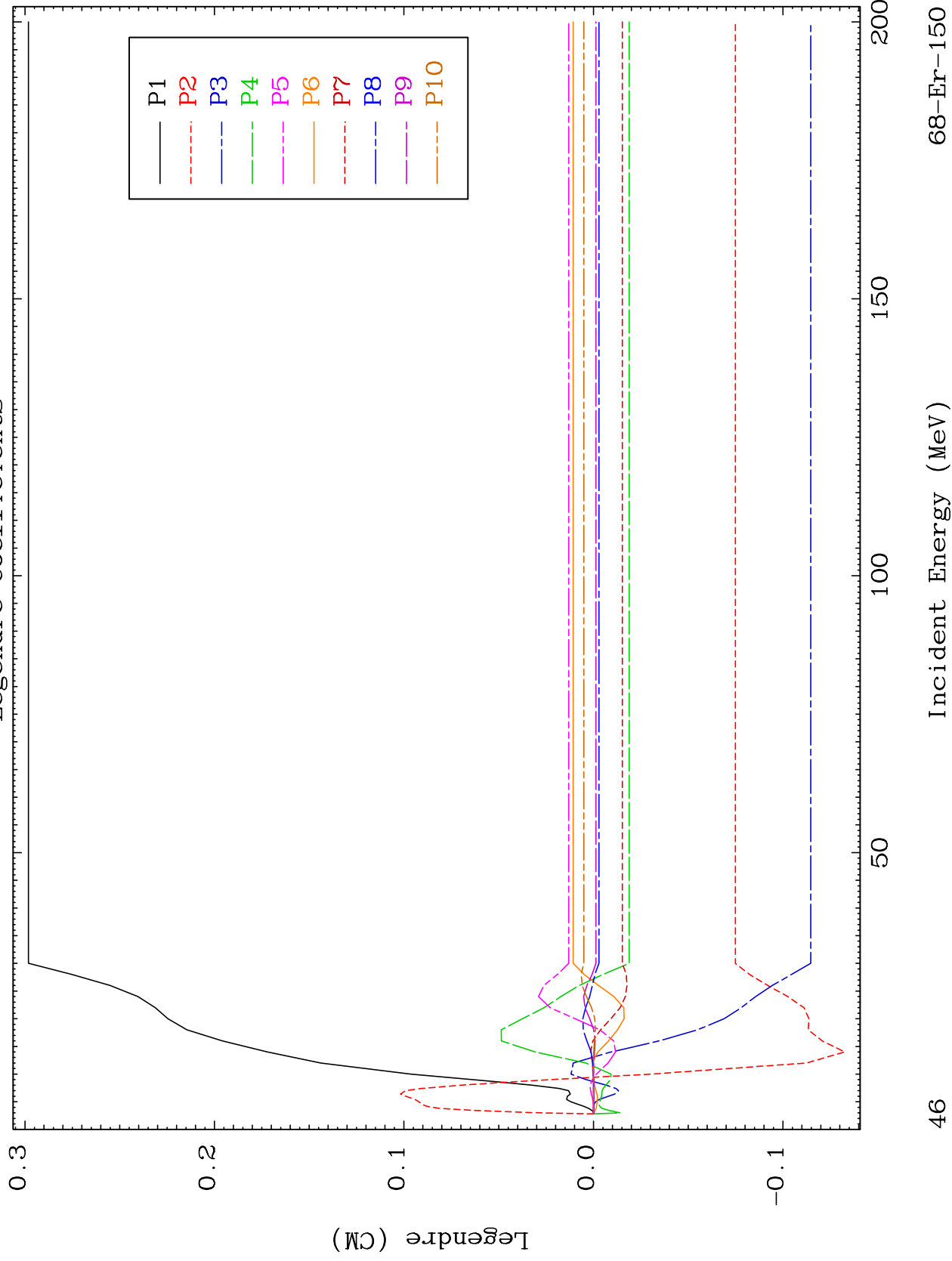
68-Er-150



MAT 6789

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

68-Er-150



46

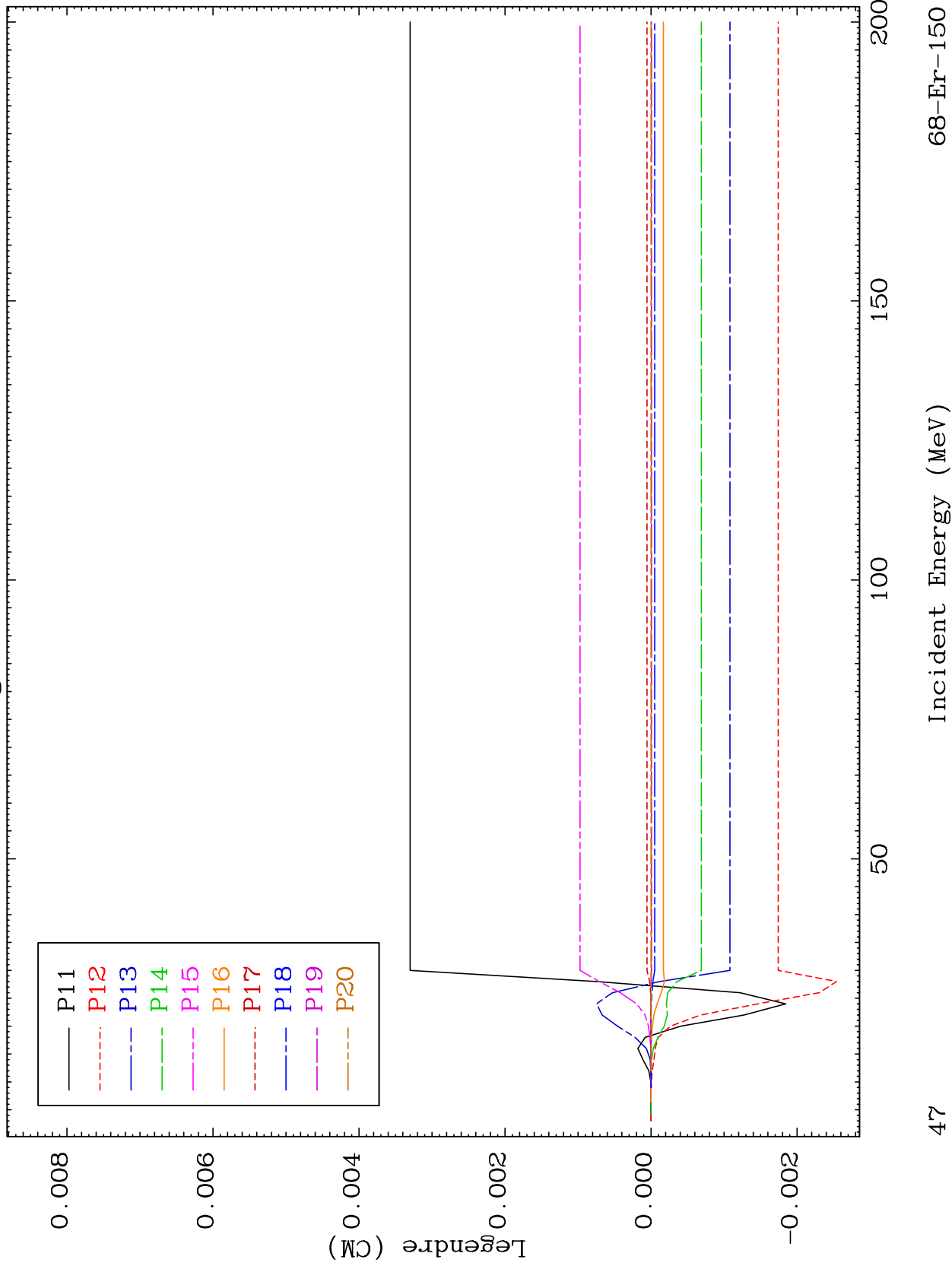
Incident Energy (MeV)

68-Er-150

MAT 6789

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

68-Er-150



47

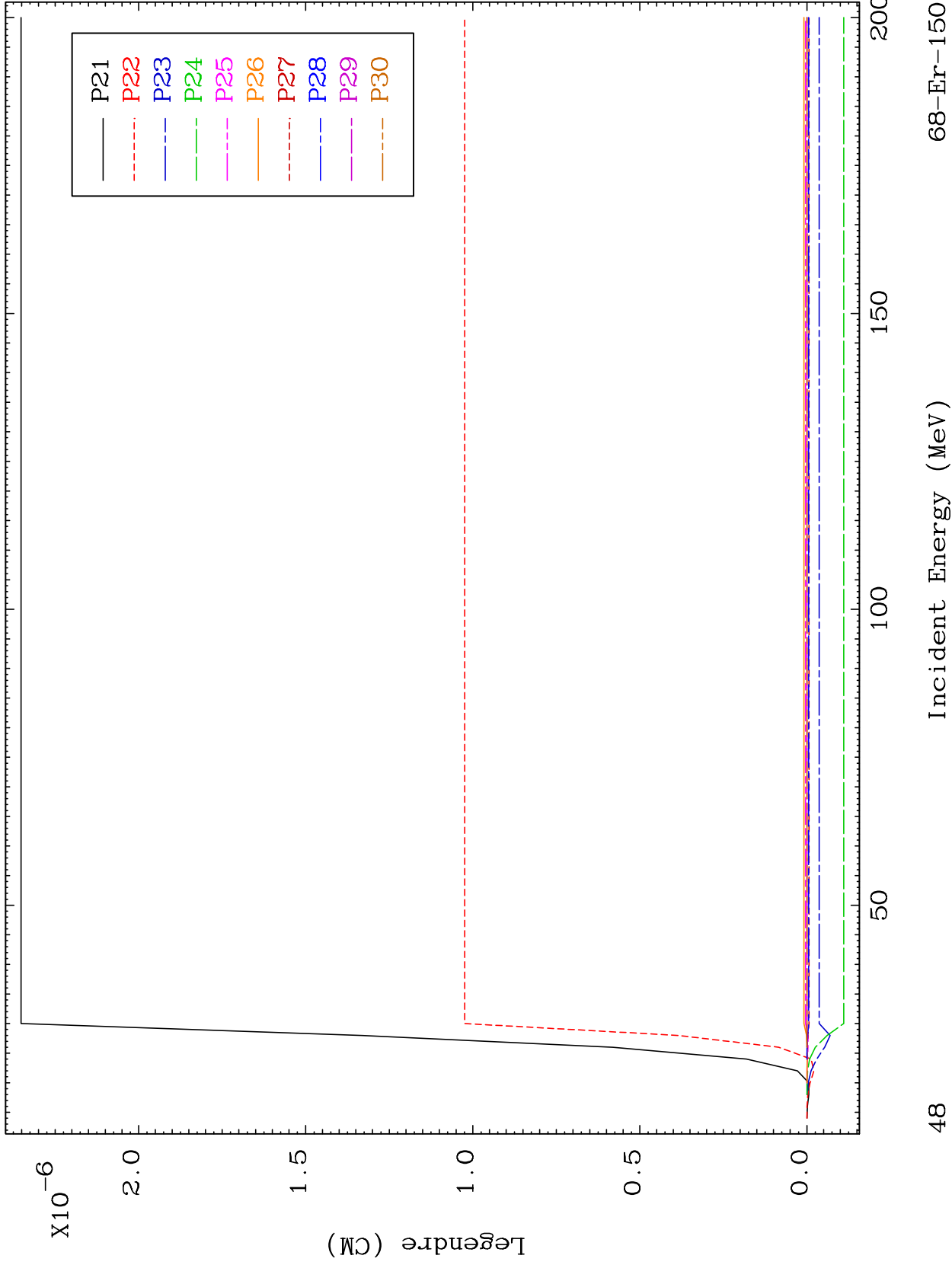
Incident Energy (MeV)

68-Er-150

MAT 6789

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

68-Er-150



48

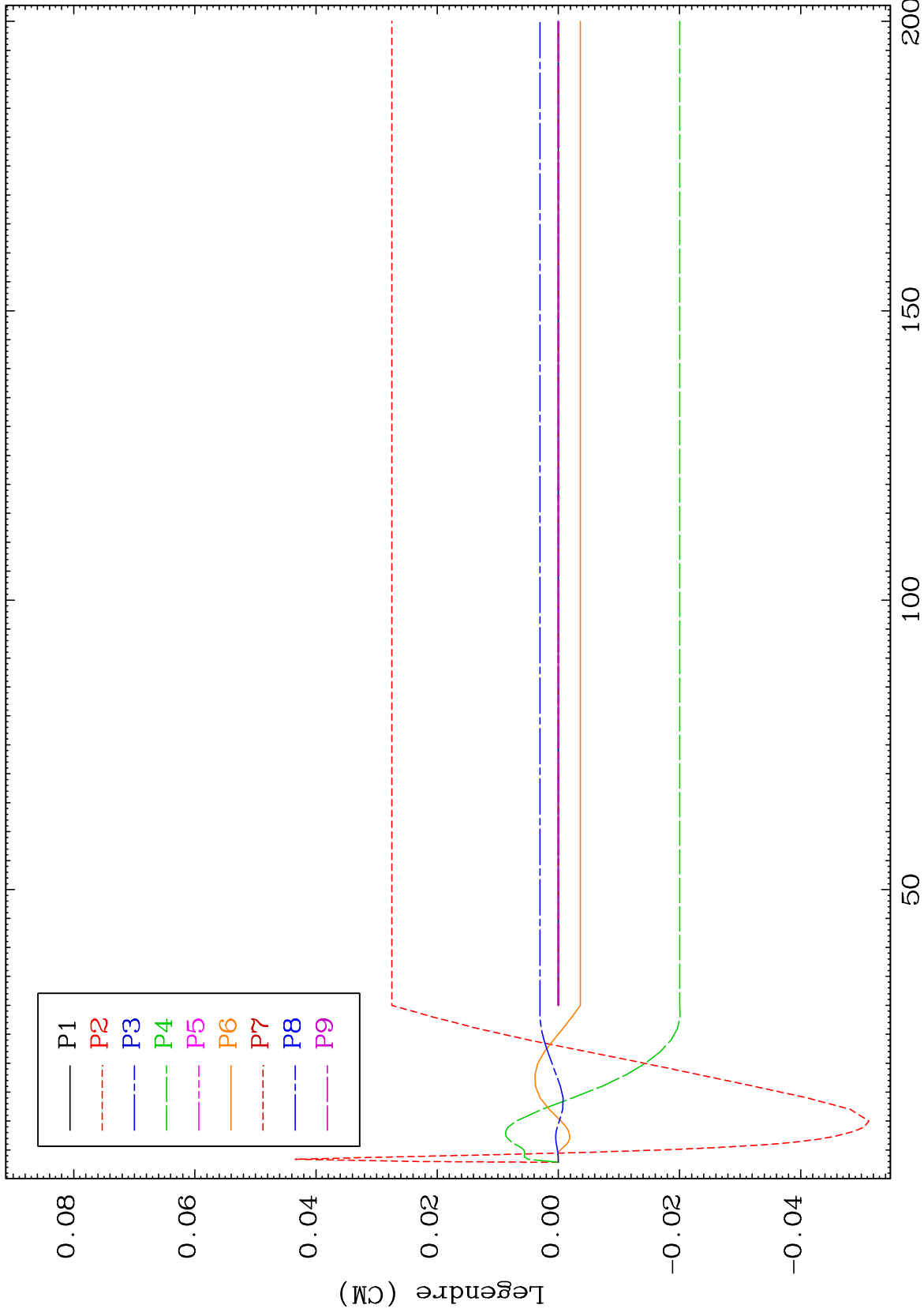
Incident Energy (MeV)

68-Er-150

MAT 6789

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

68-Er-150



49

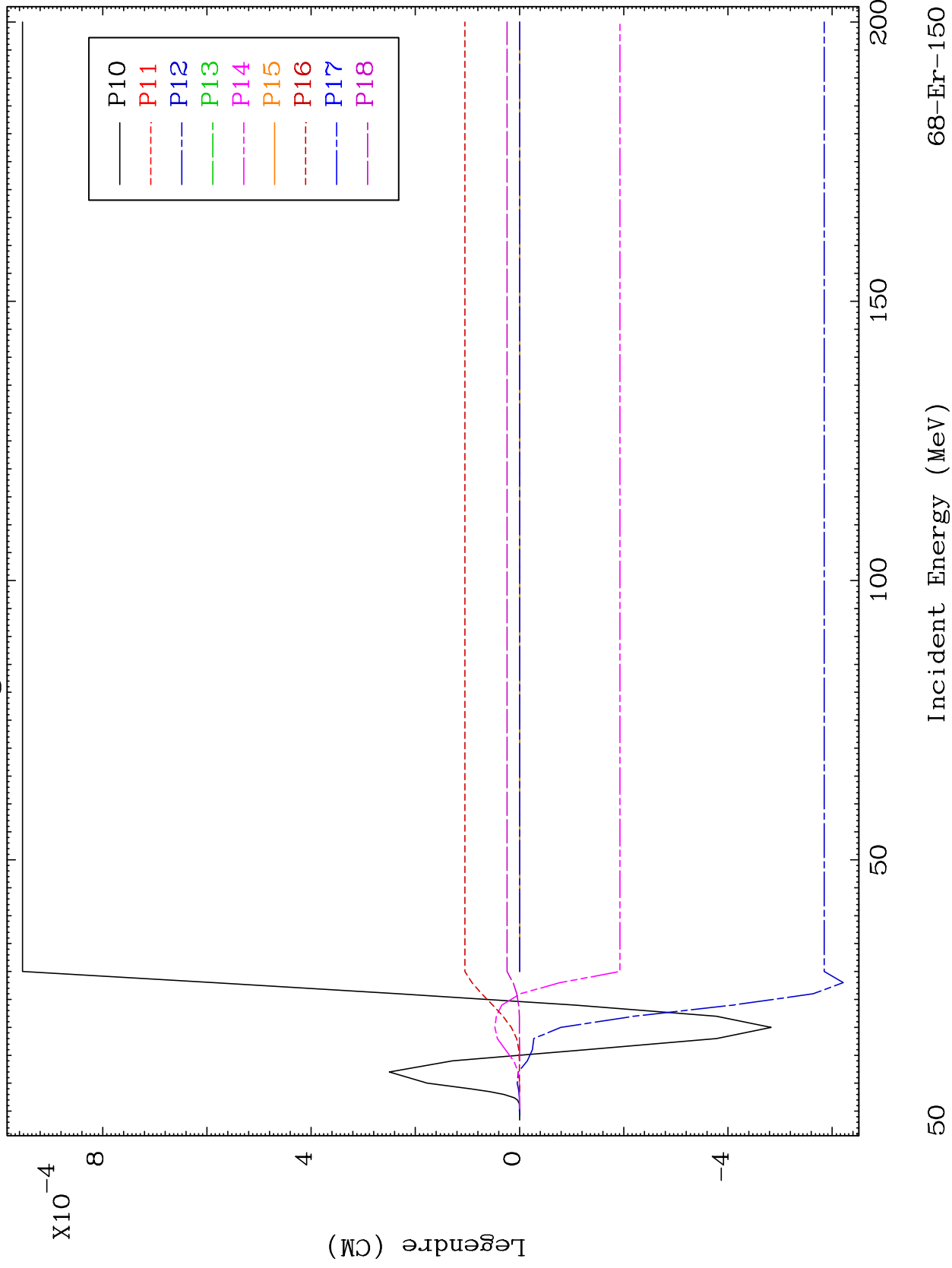
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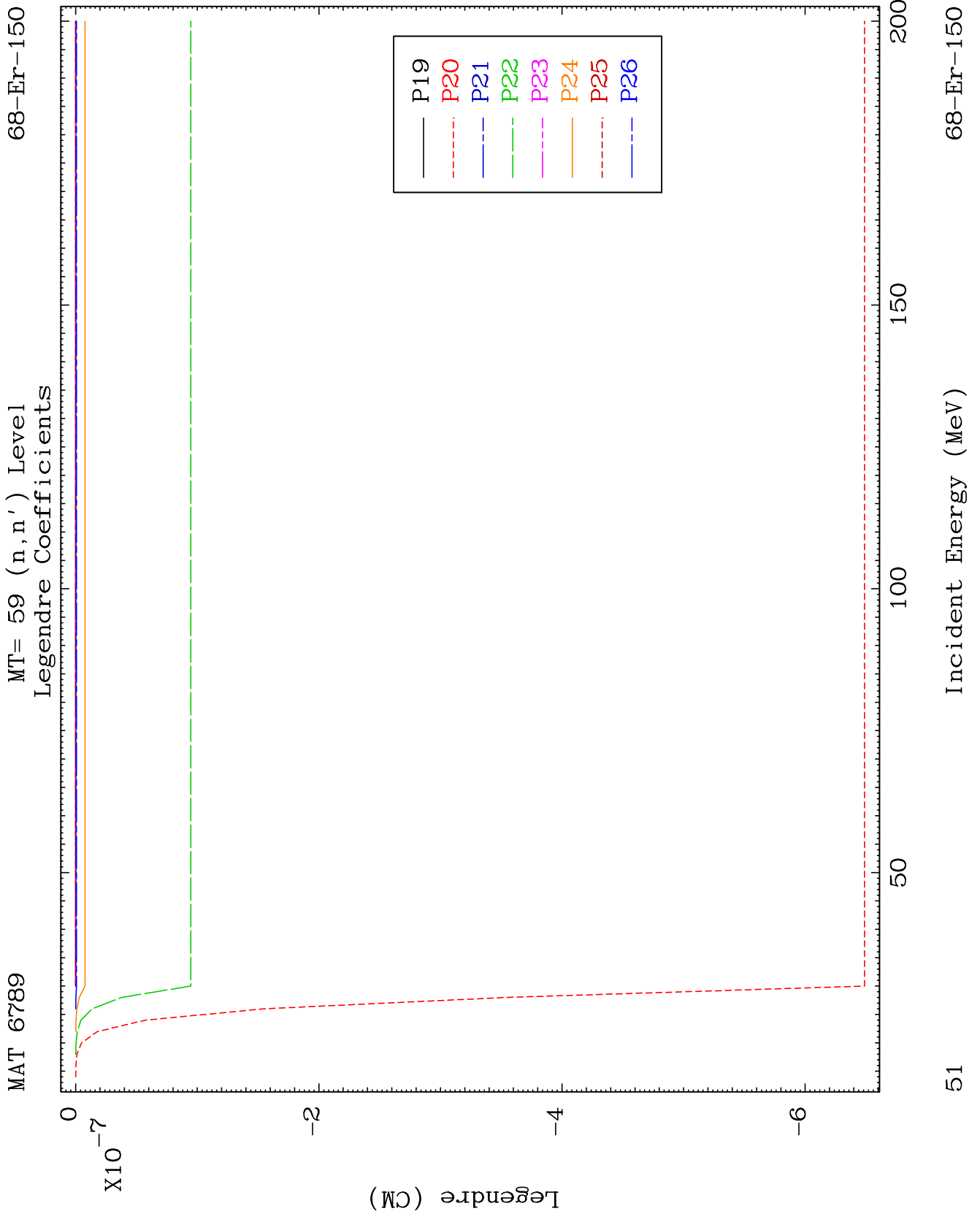
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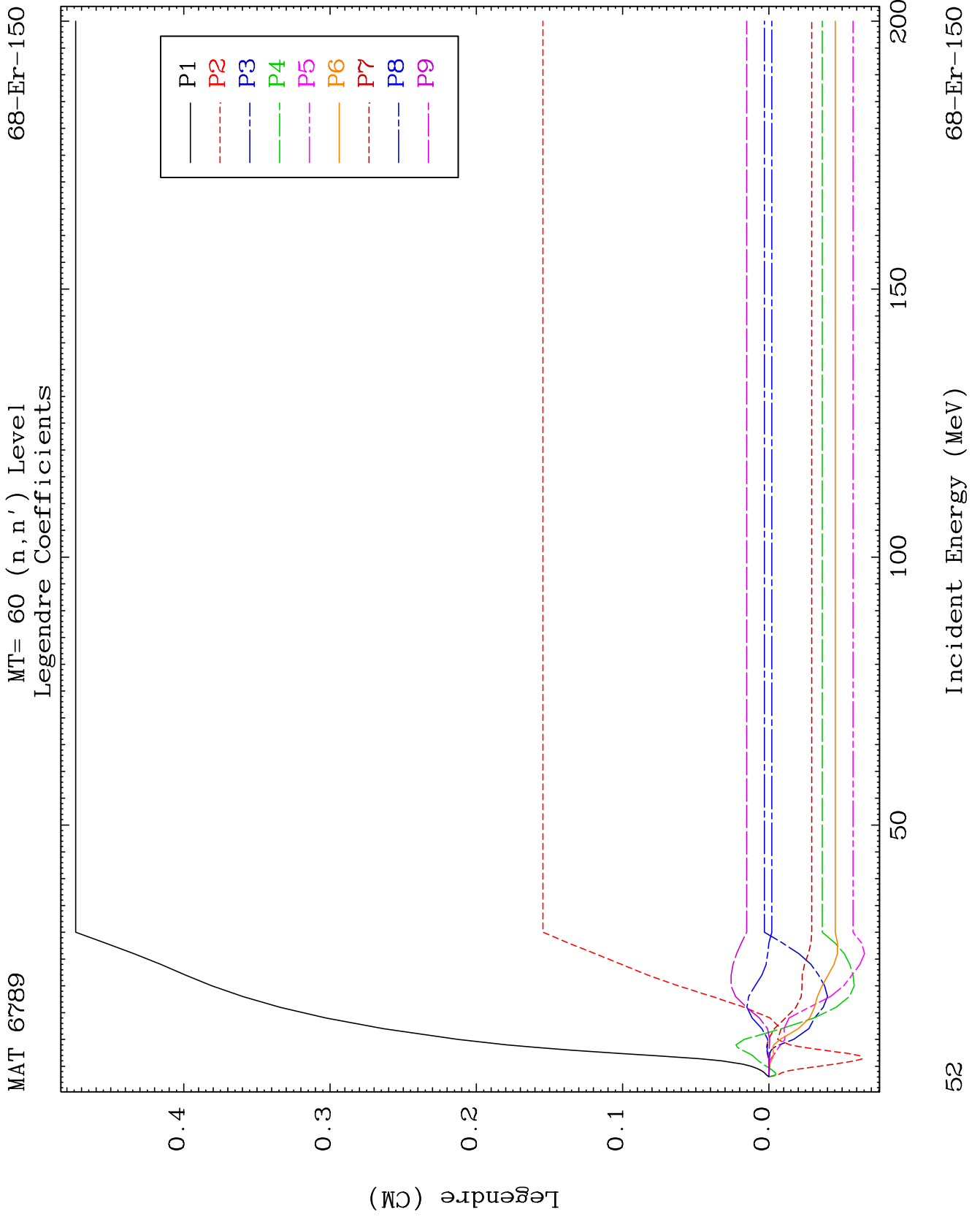
MAT 6789

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

68-Er-150



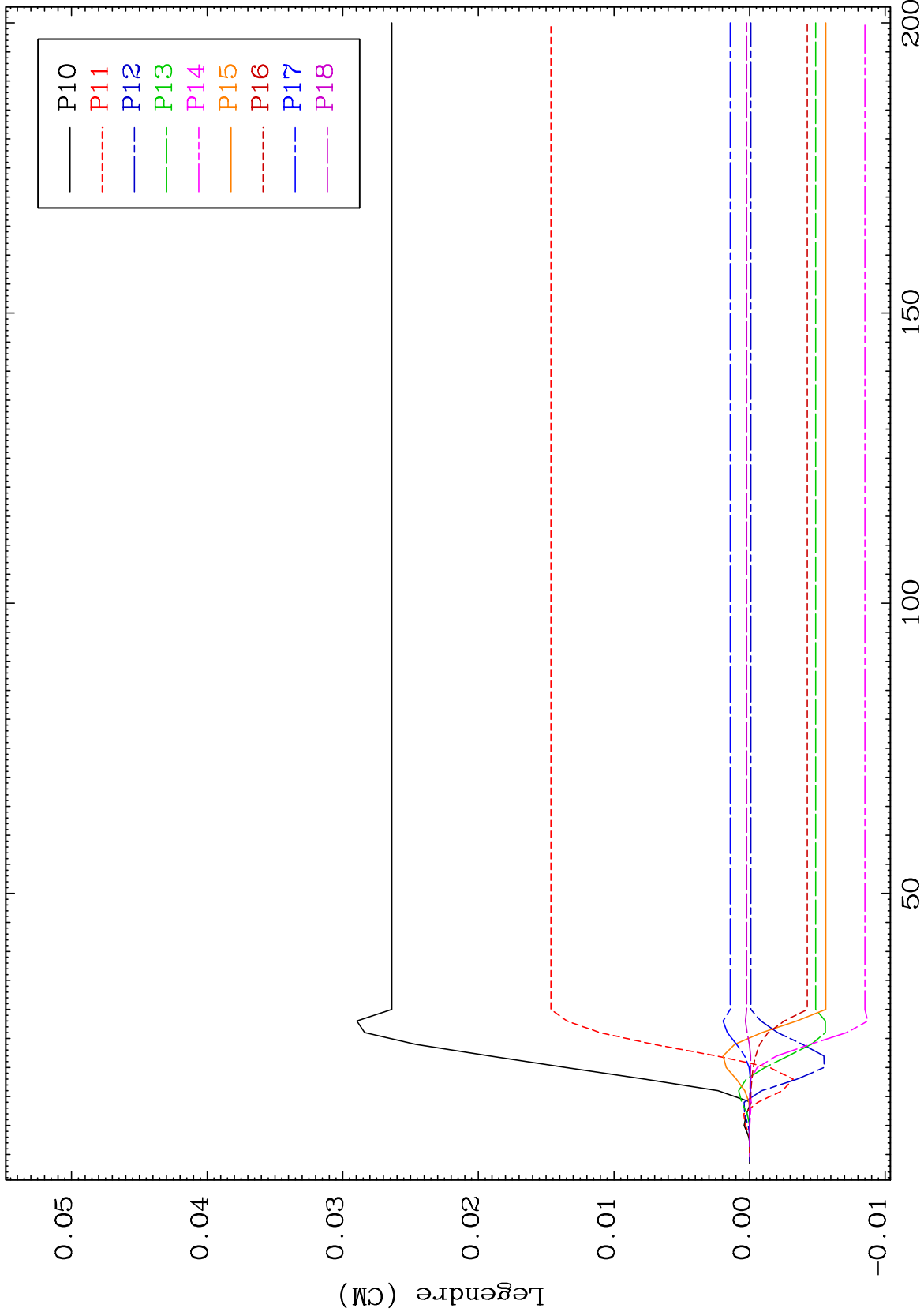




MAT 6789

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

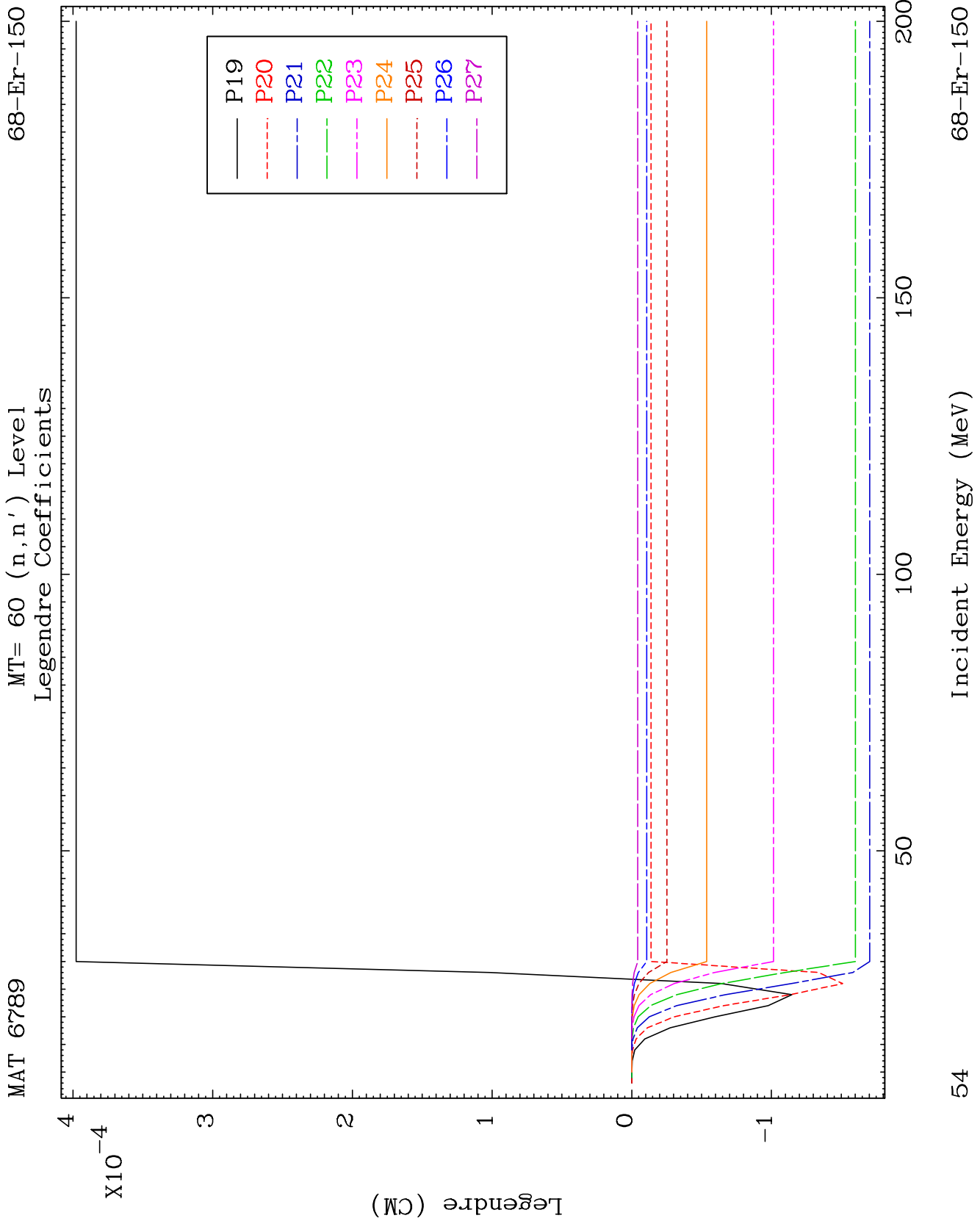
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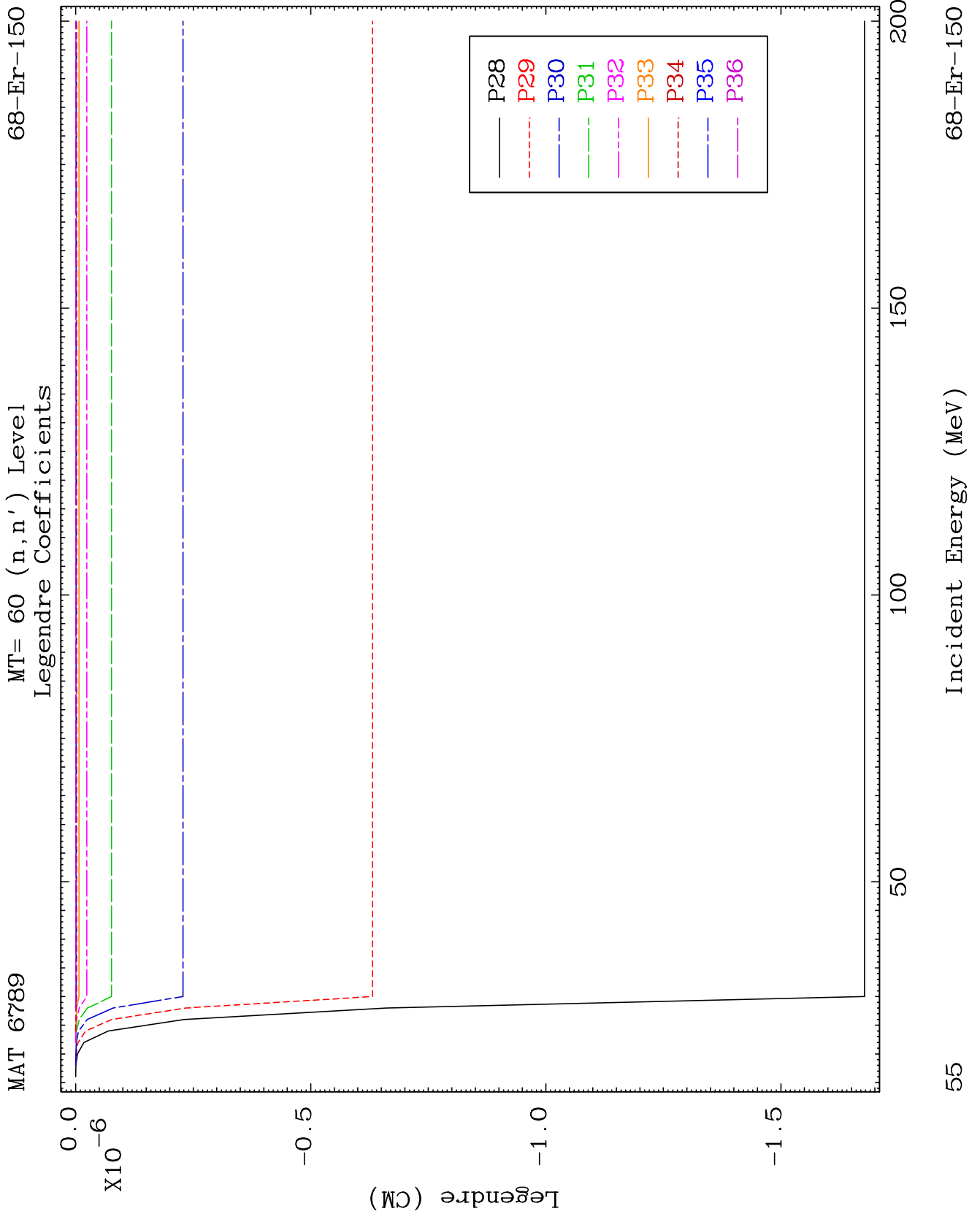


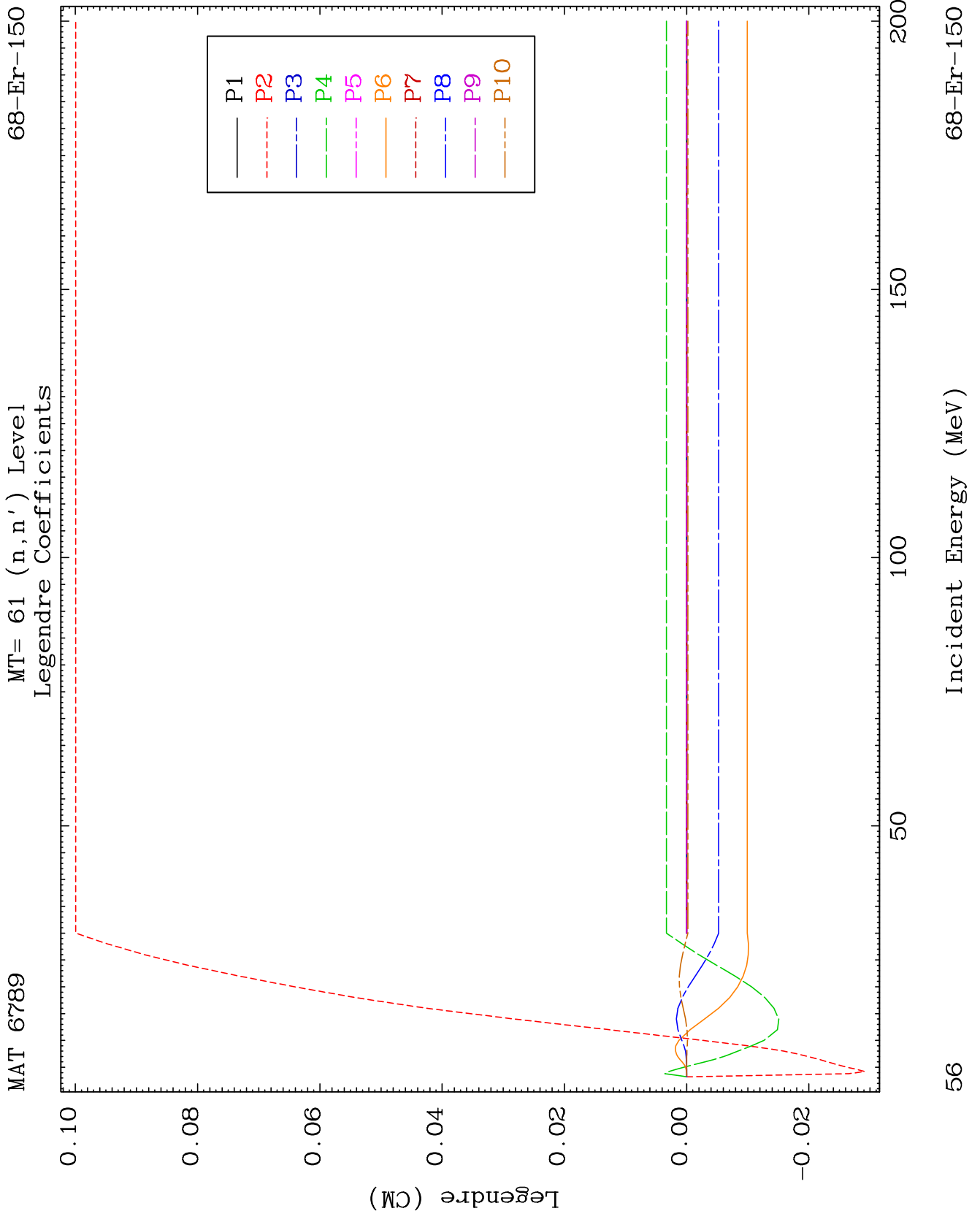
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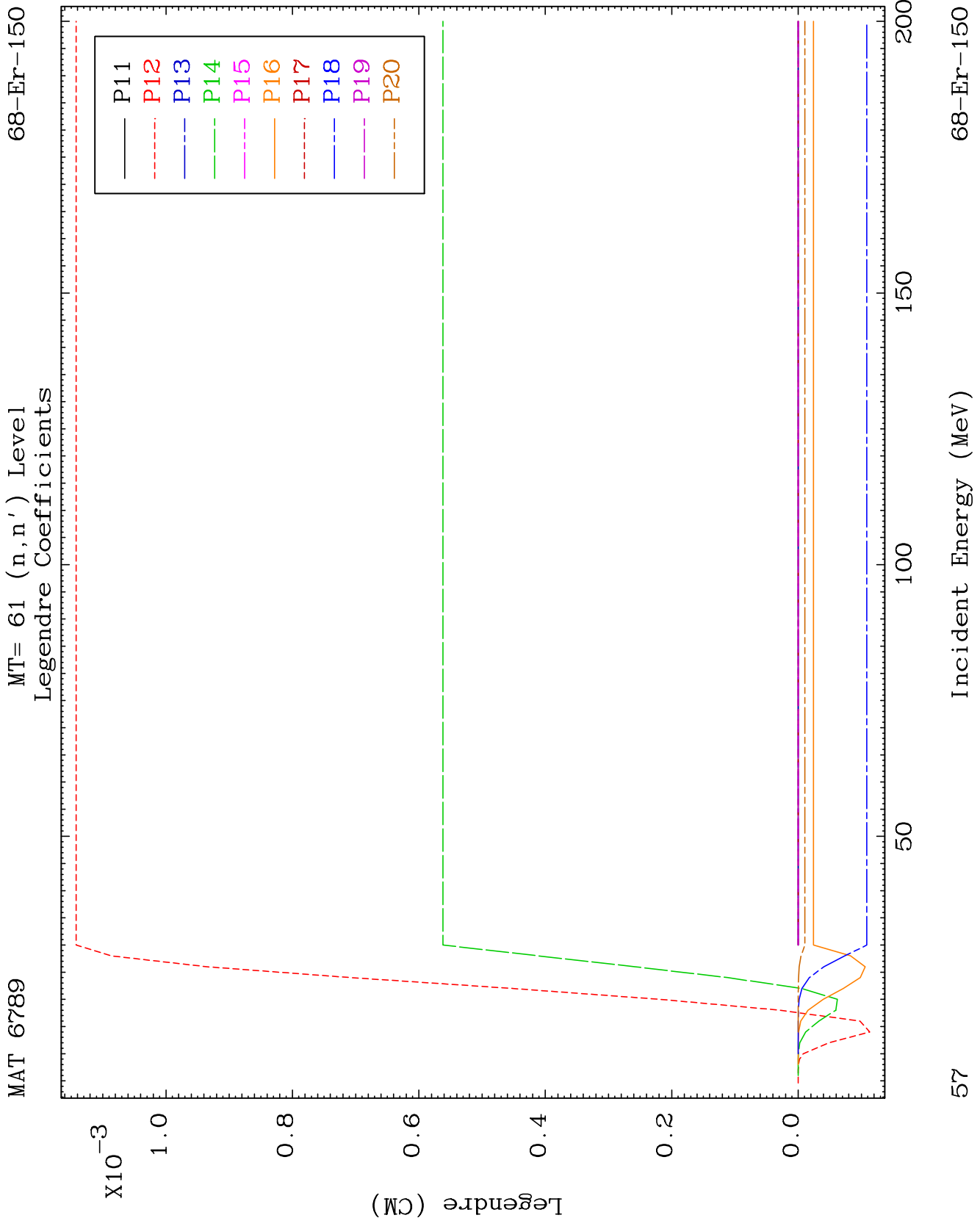
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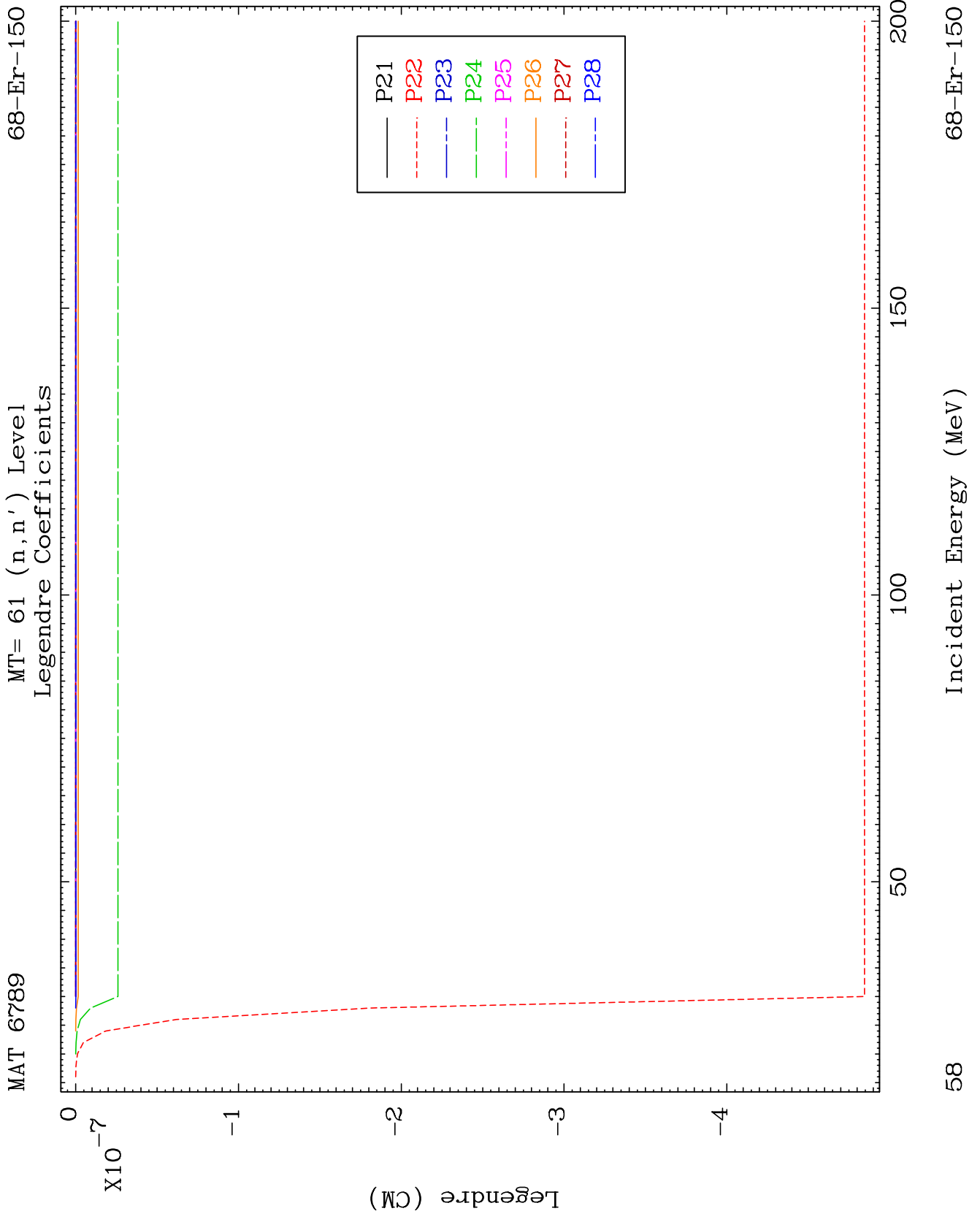
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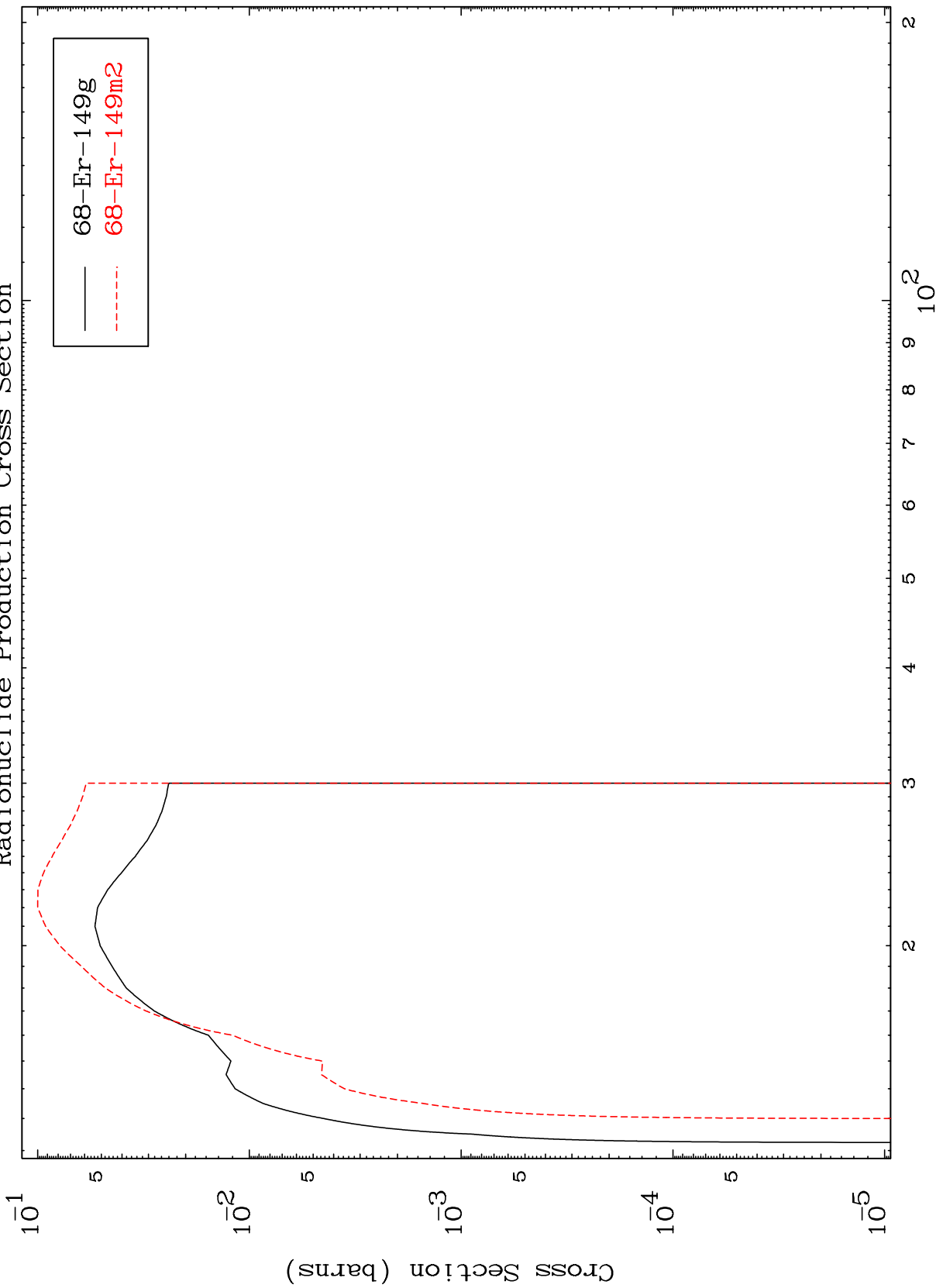








(n,2n)
Radionuclide Production Cross Section

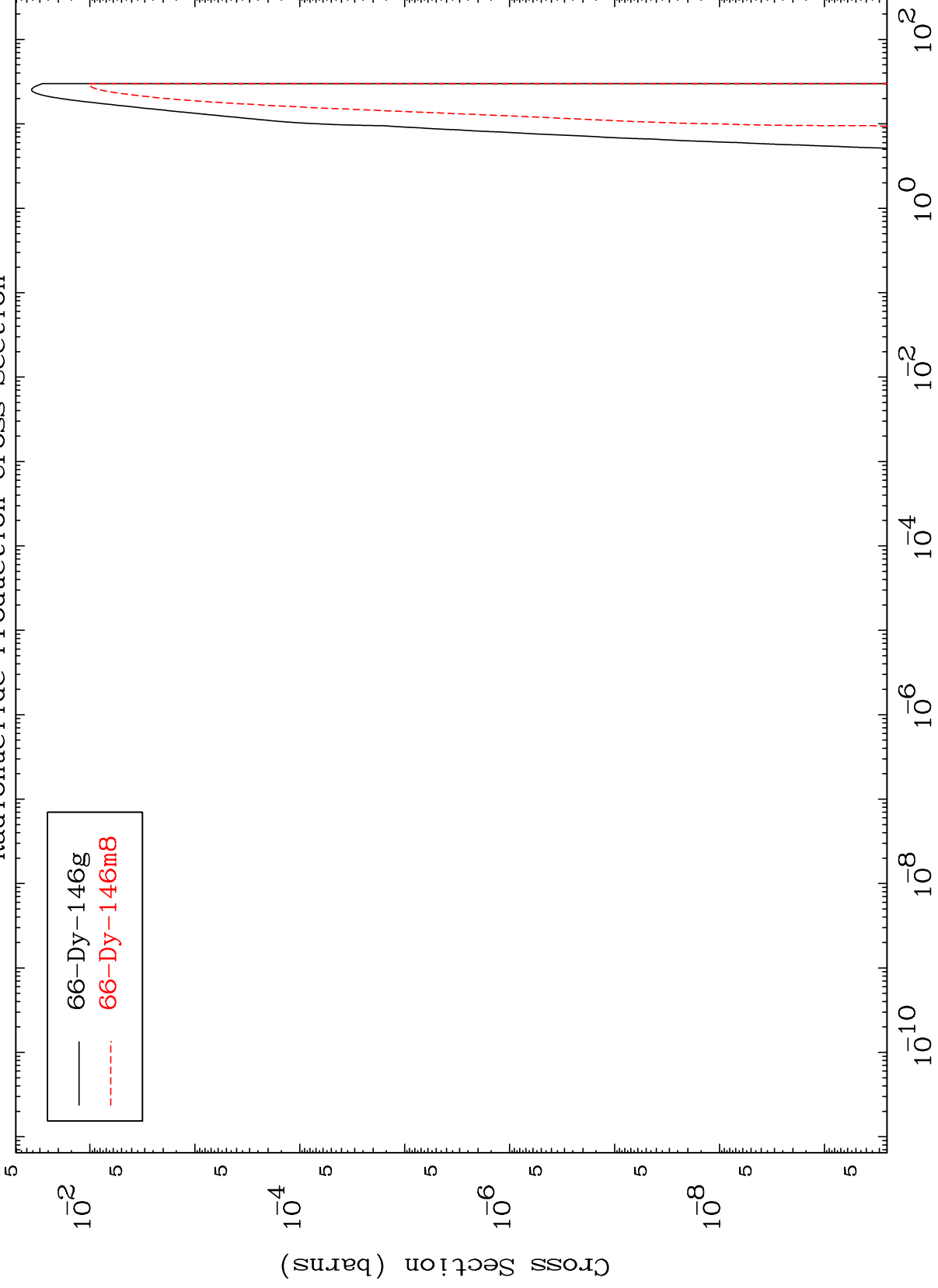


MAT 6789

$(n, n') \alpha$

68-Er-150

Radionuclide Production Cross Section



66-Dy-146g
66-Dy-146m8

60

Incident Energy (MeV)

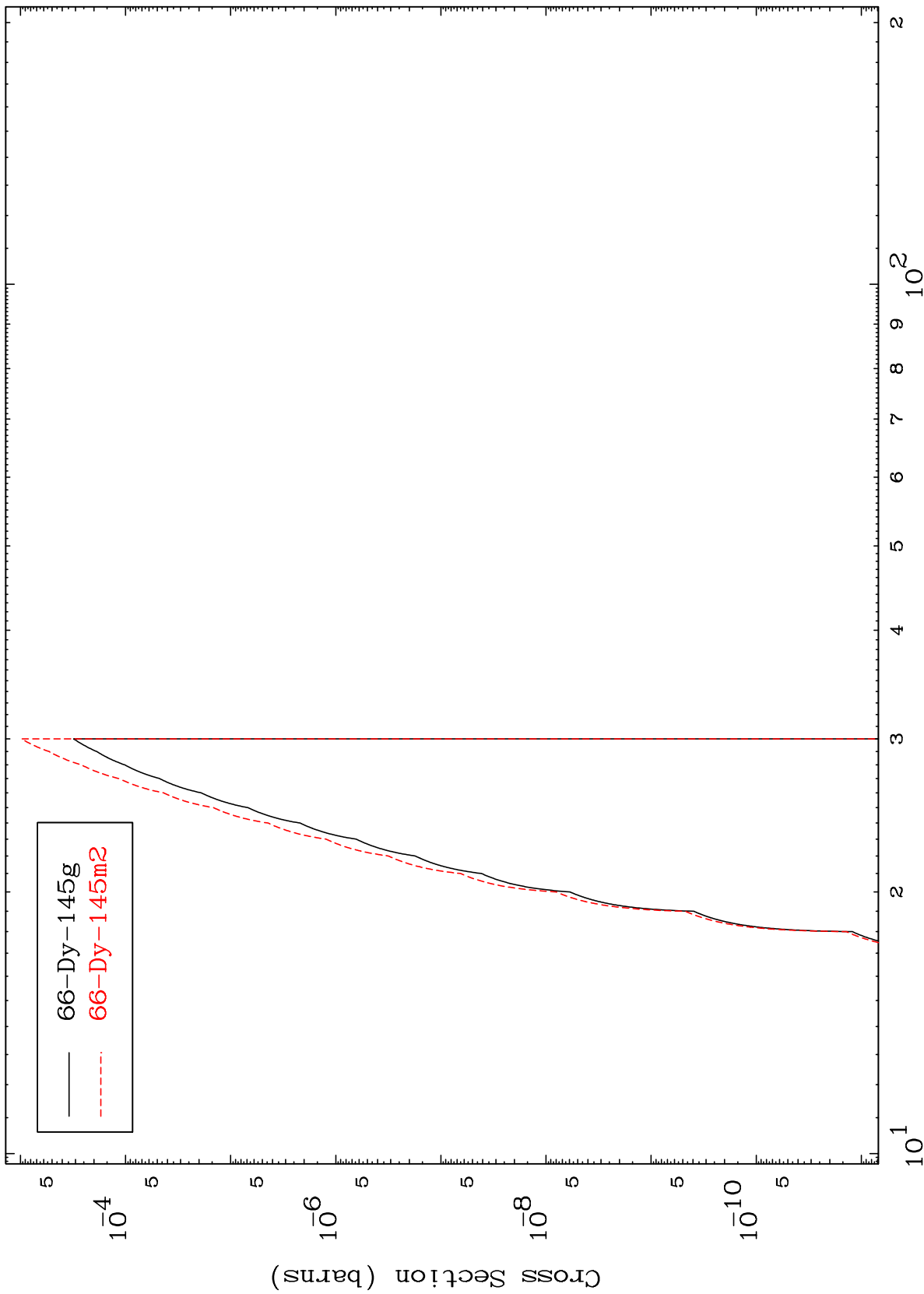
68-Er-150

MAT 6789

(n,2n) α

68-Er-150

Radionuclide Production Cross Section



Incident Energy (MeV)

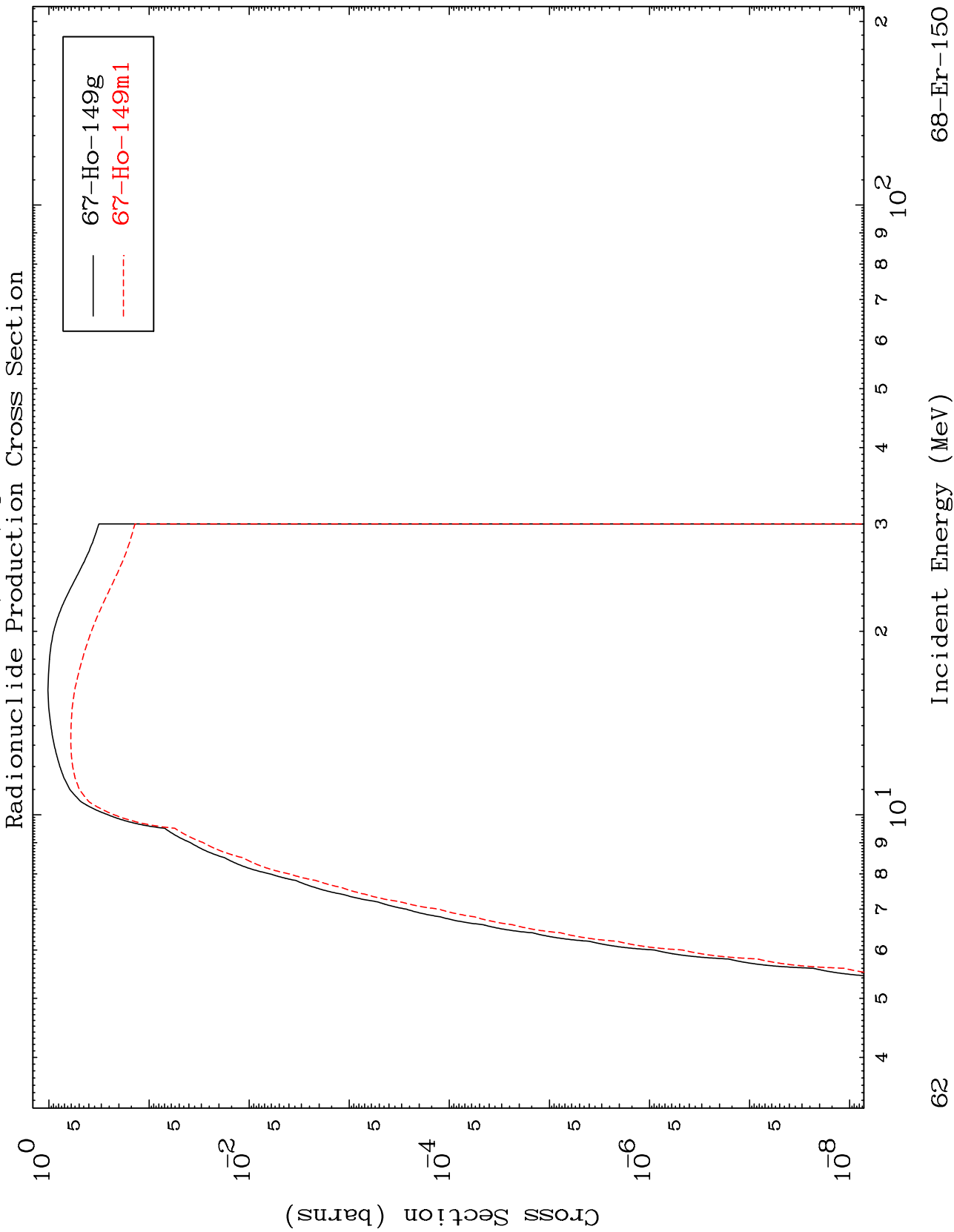
68-Er-150

61

MAT 6789

(n,n') p

68-Er-150



62

68-Er-150

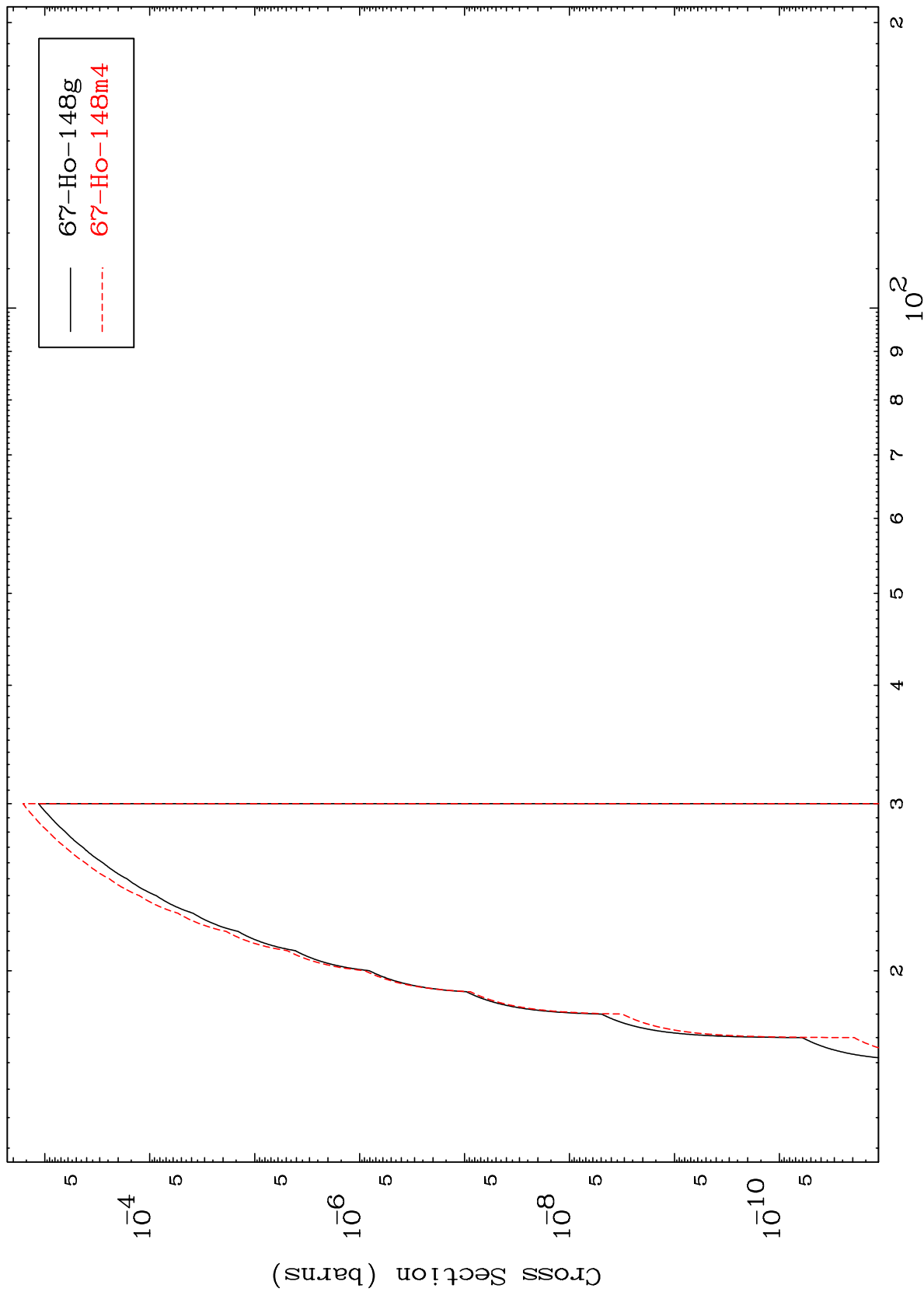
68-Er-150

MAT 6789

(n,n') d

68-Er-150

Radionuclide Production Cross Section



63

Incident Energy (MeV)

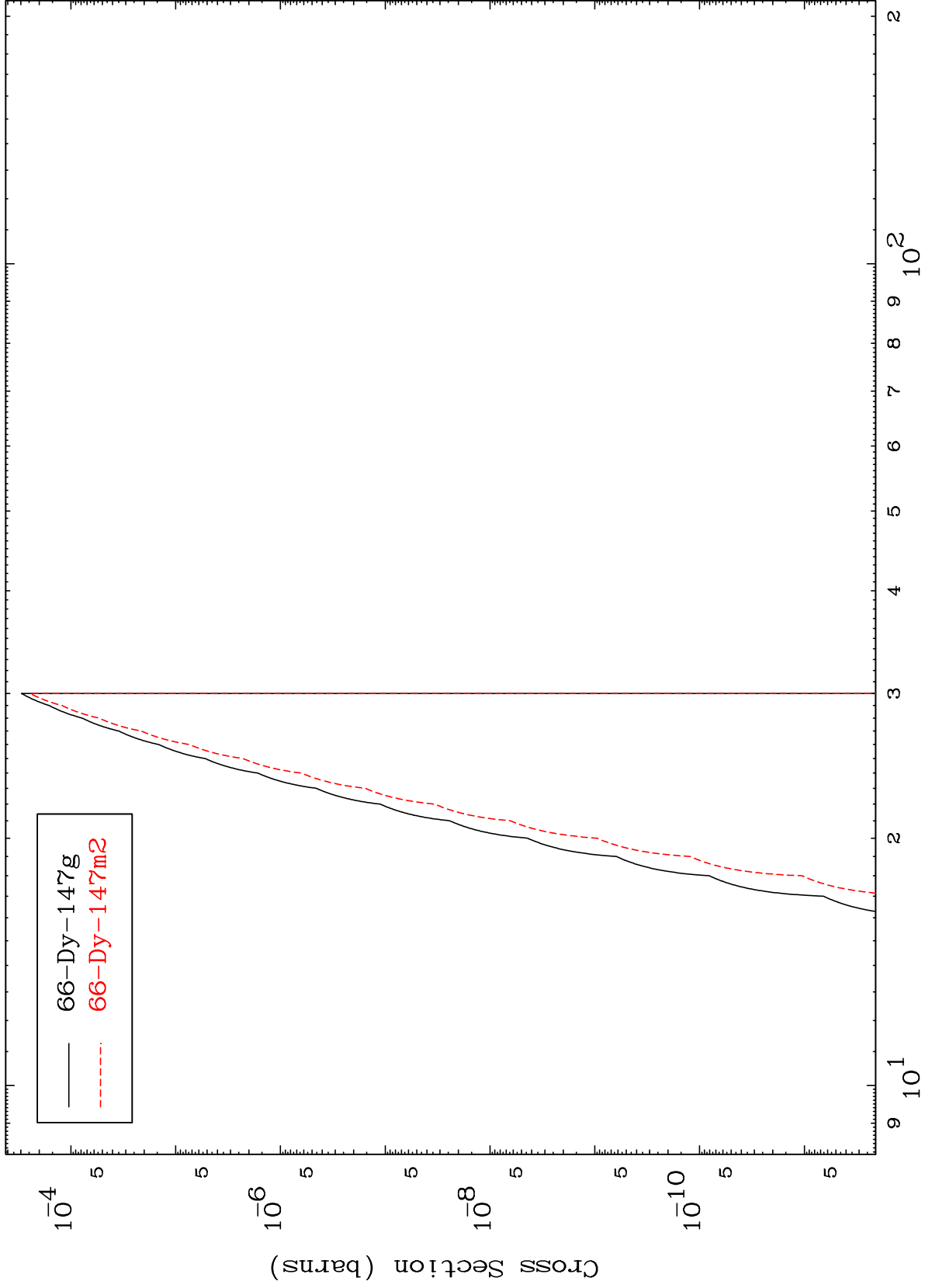
68-Er-150

MAT 6789

(n,n') He-3

68-Er-150

Radionuclide Production Cross Section



64

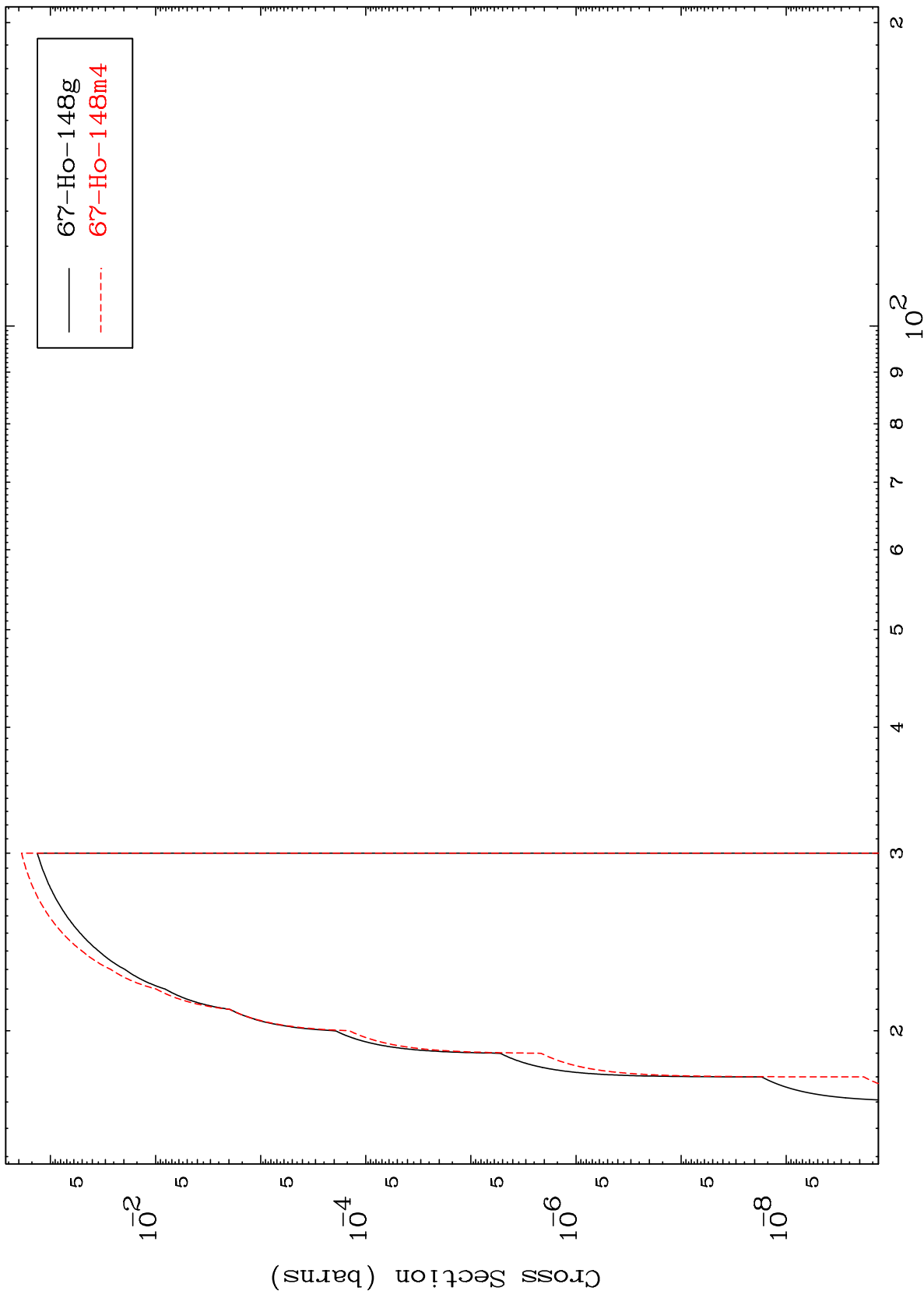
Incident Energy (MeV)

68-Er-150

MAT 6789

68-Er-150

(n,2n) p
Radionuclide Production Cross Section



65

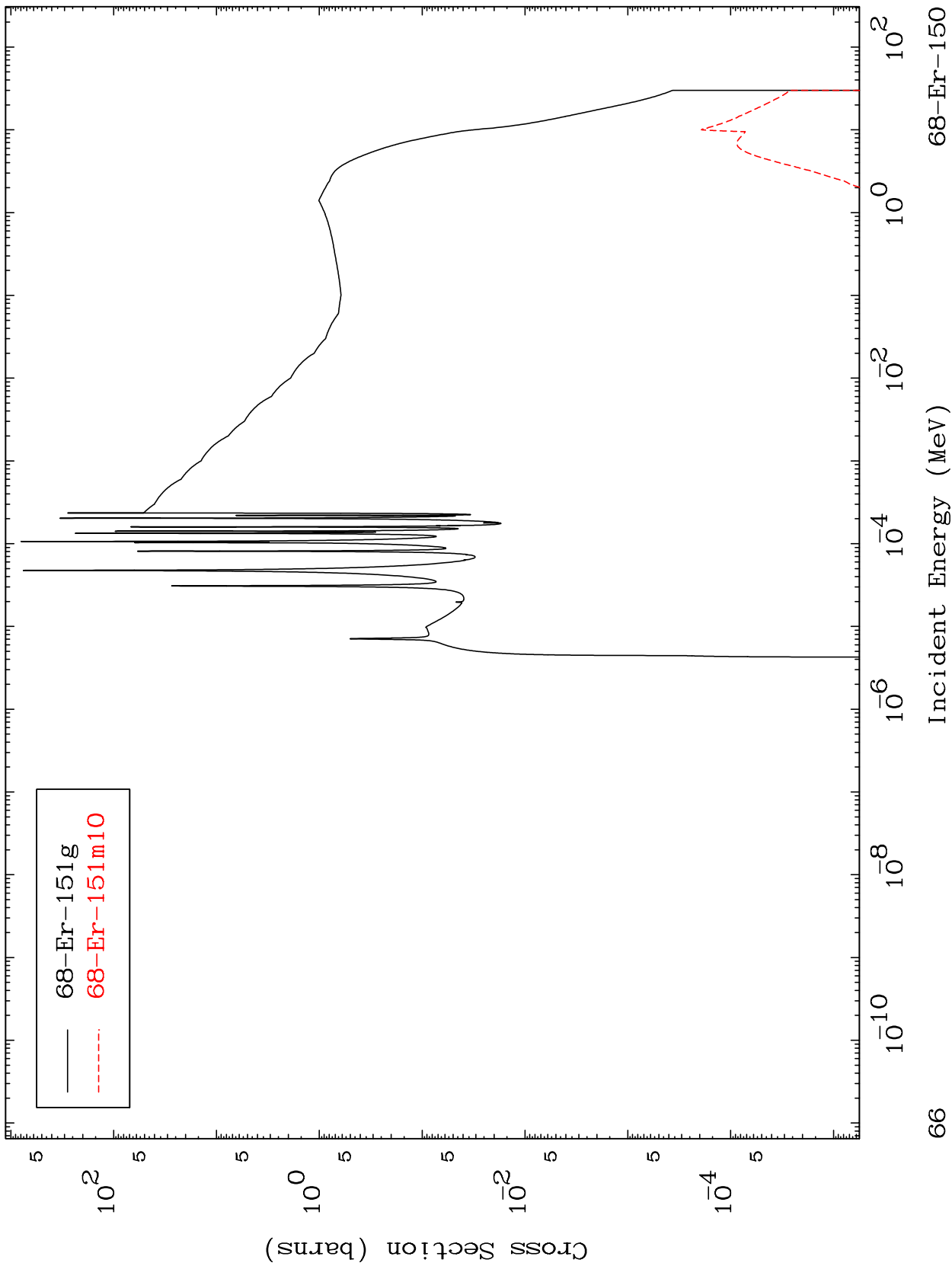
Incident Energy (MeV)

68-Er-150

MAT 6789

68-Er-150

(n, γ)
Radionuclide Production Cross Section



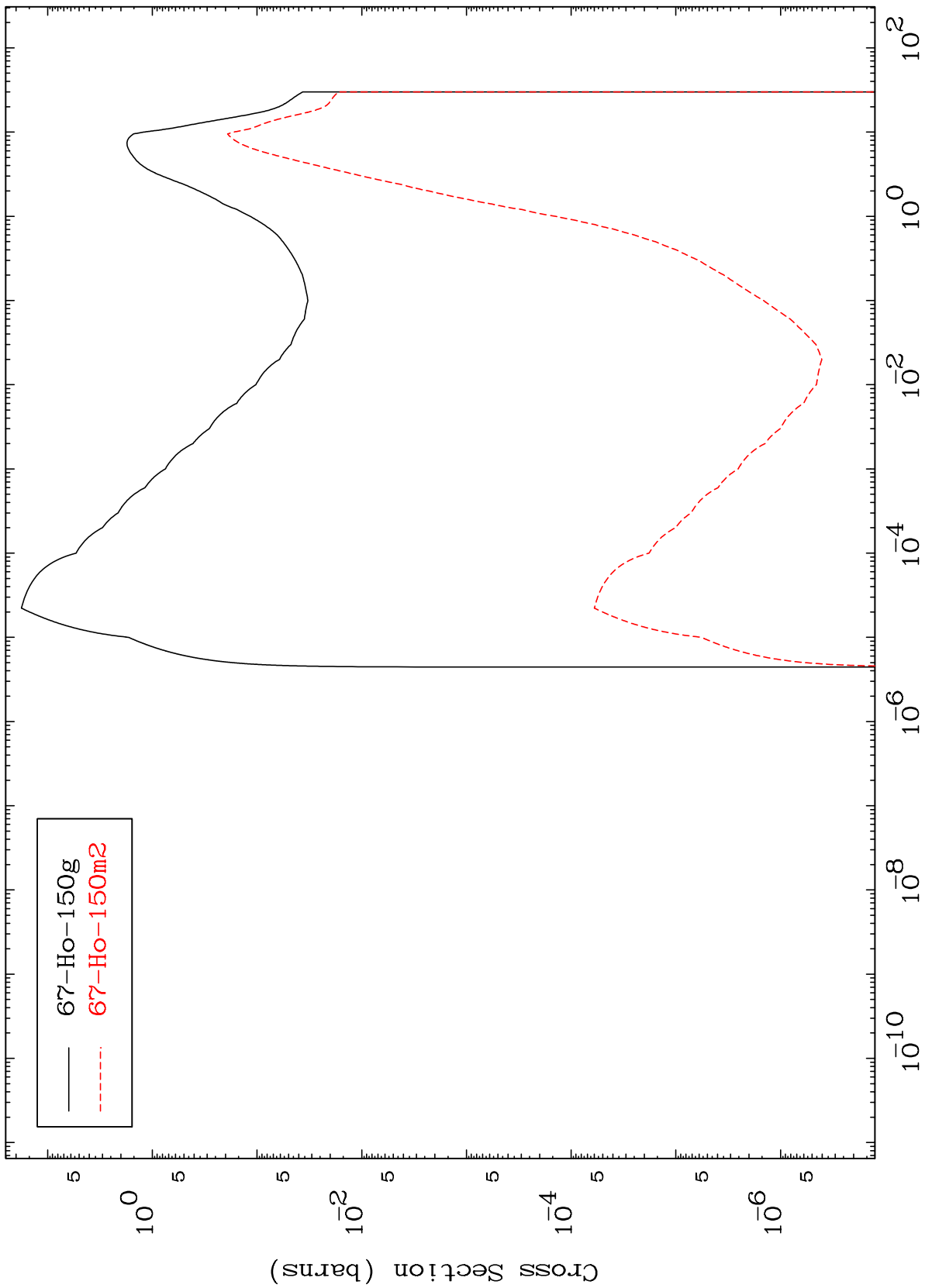
66

68-Er-150

MAT 6789

68-Er-150

(n,p)
Radionuclide Production Cross Section



67

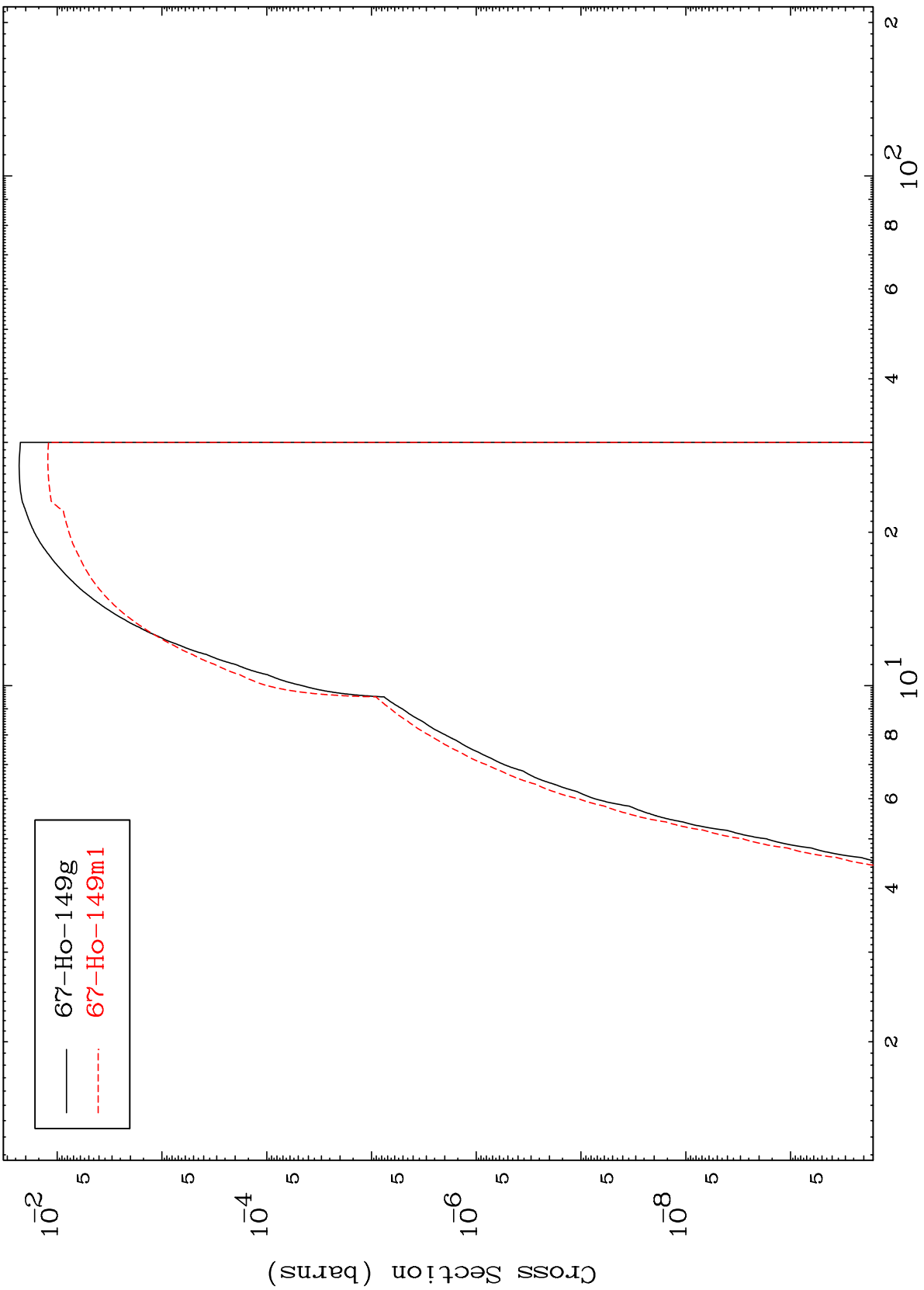
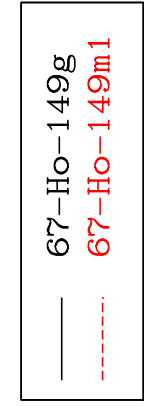
68-Er-150

MAT 6789

(n,d)

68-Er-150

Radionuclide Production Cross Section



68

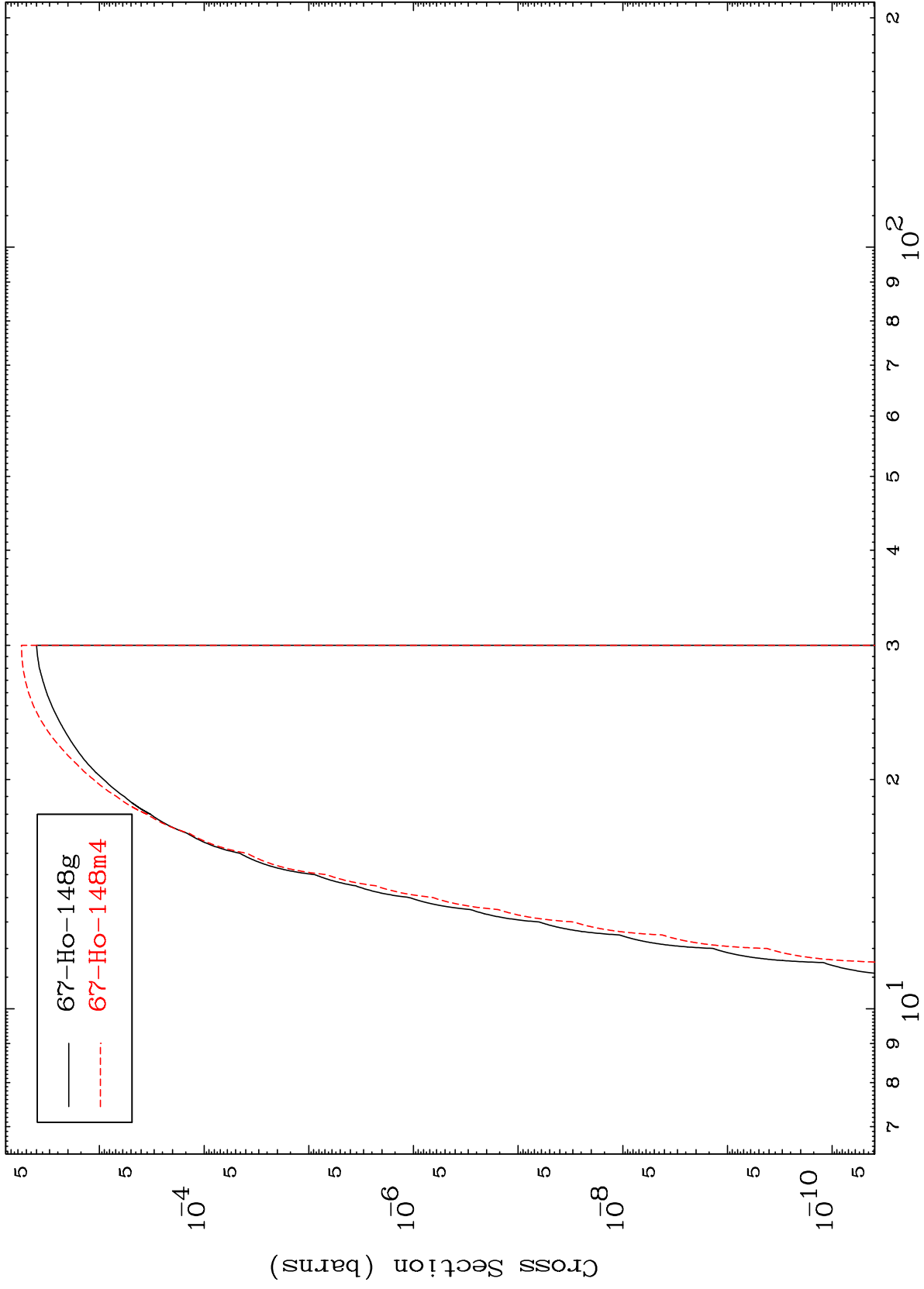
Incident Energy (MeV)

68-Er-150

MAT 6789

68-Er-150

(n, t)
Radionuclide Production Cross Section



69

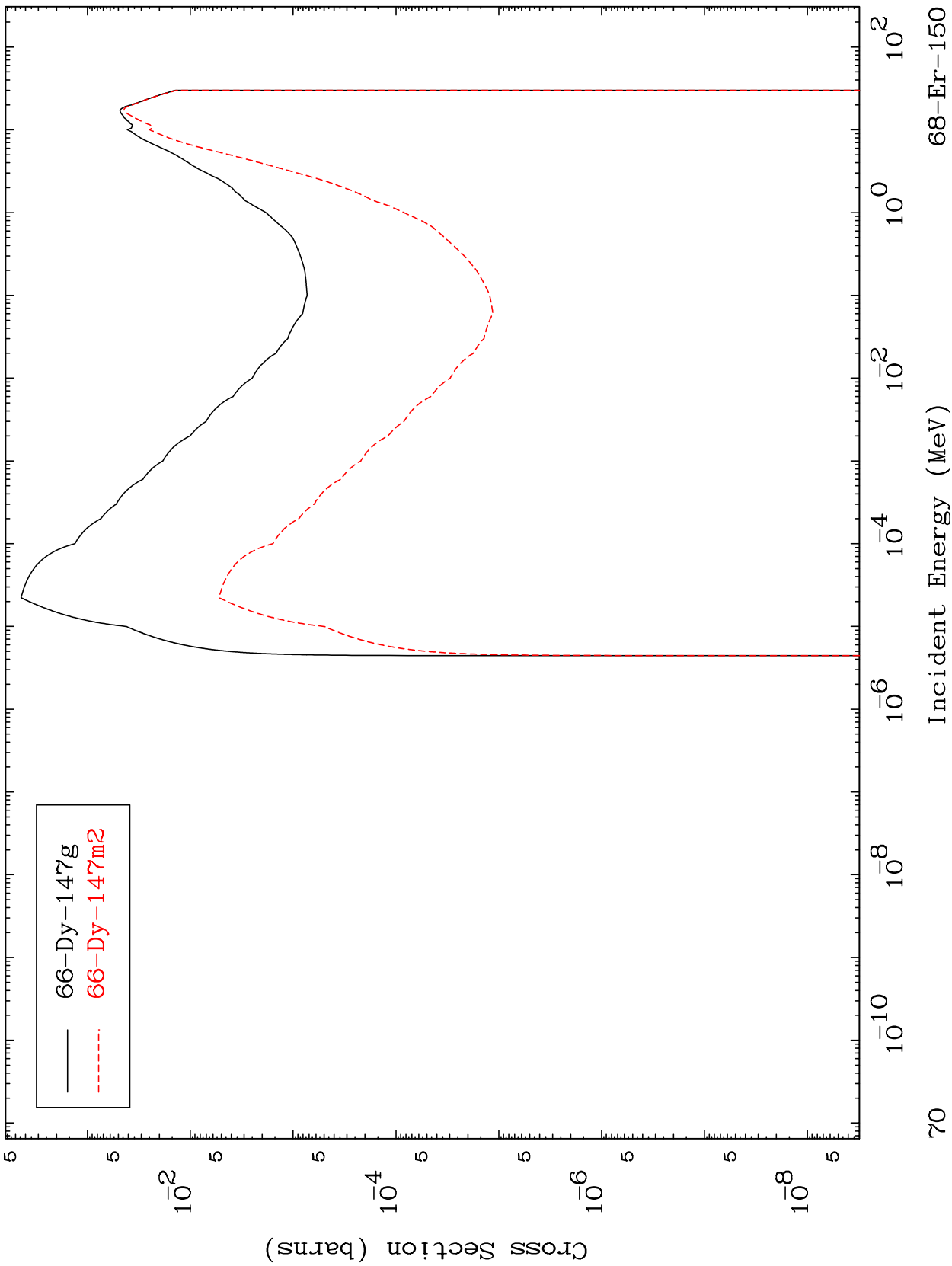
Incident Energy (MeV)

68-Er-150

MAT 6789

68-Er-150

(n, α)
Radionuclide Production Cross Section



70

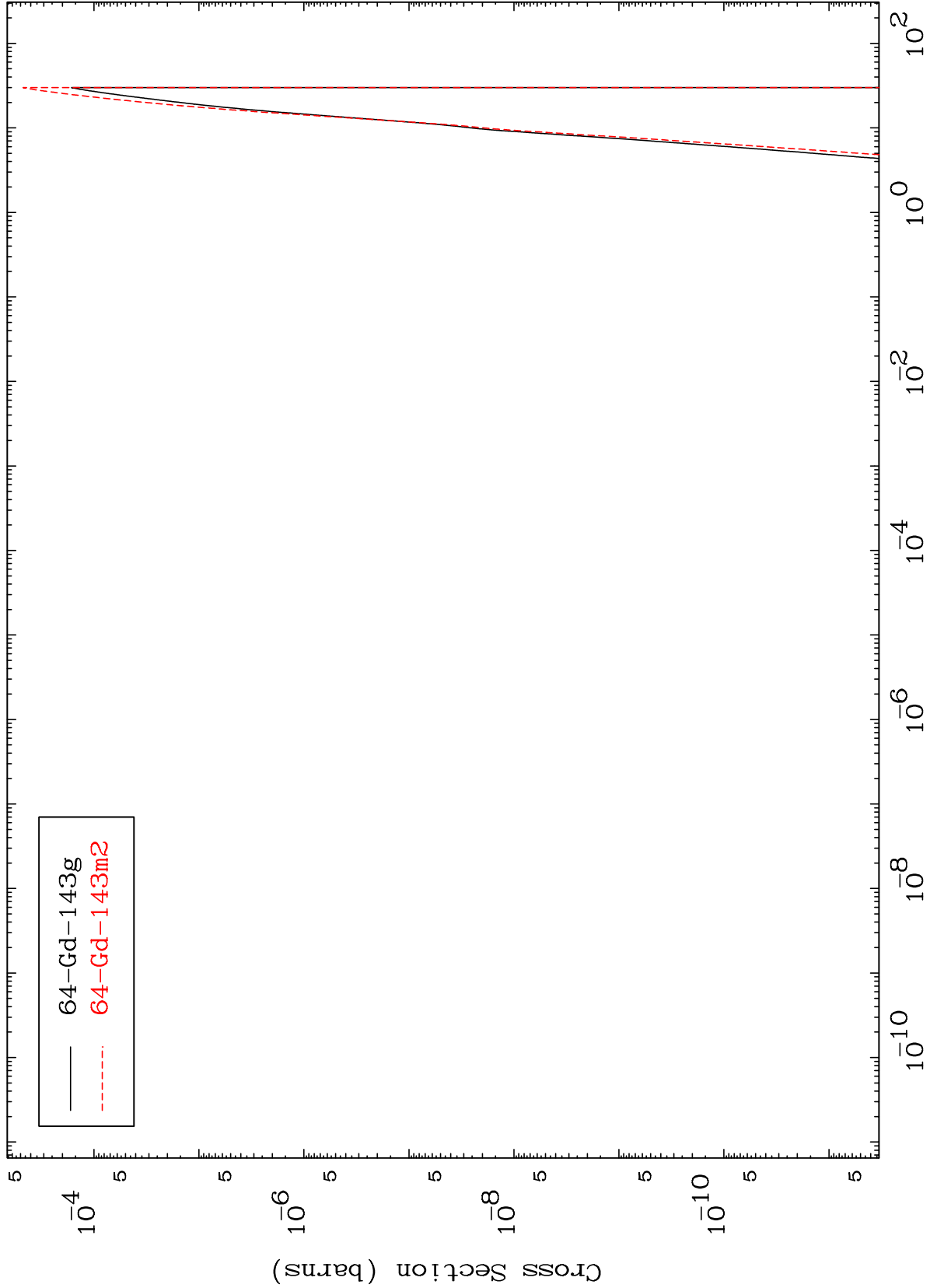
68-Er-150

MAT 6789

(n,2α)

68-Er-150

Radionuclide Production Cross Section



71

Incident Energy (MeV)

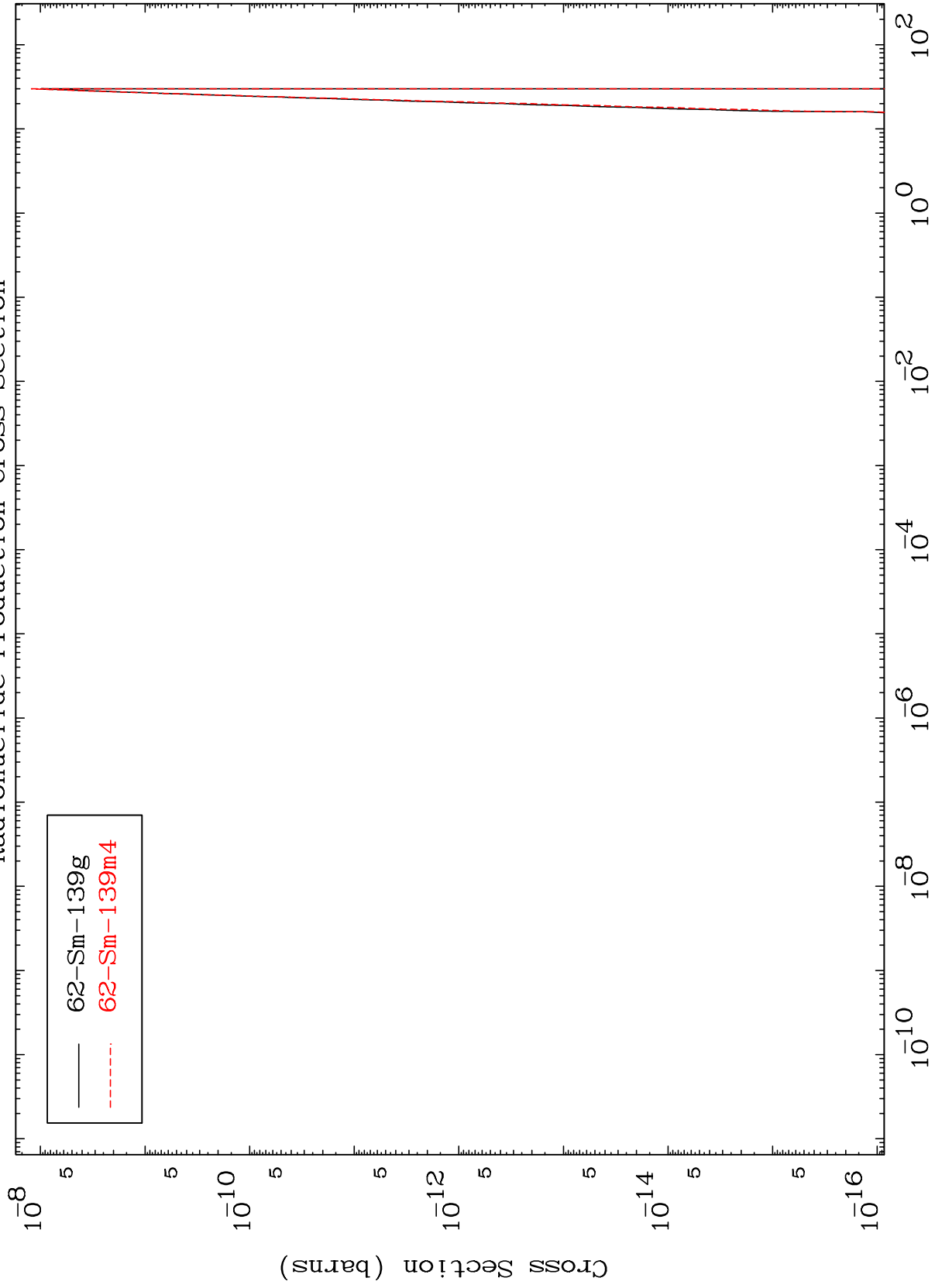
68-Er-150

MAT 6789

(n,3 α)

68-Er-150

Radionuclide Production Cross Section



72

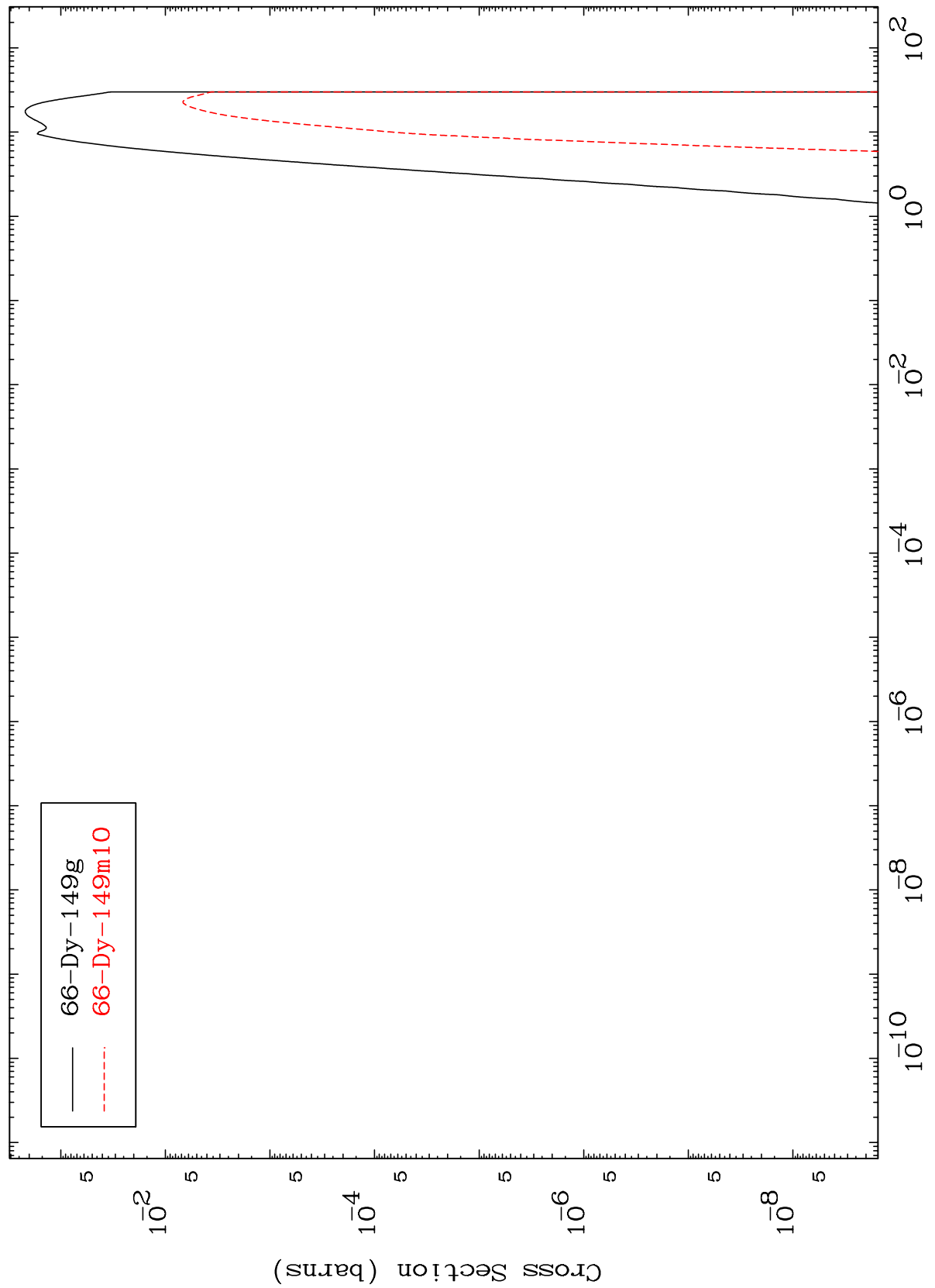
Incident Energy (MeV)

68-Er-150

MAT 6789

68-Er-150

(n,2p)
Radionuclide Production Cross Section



73

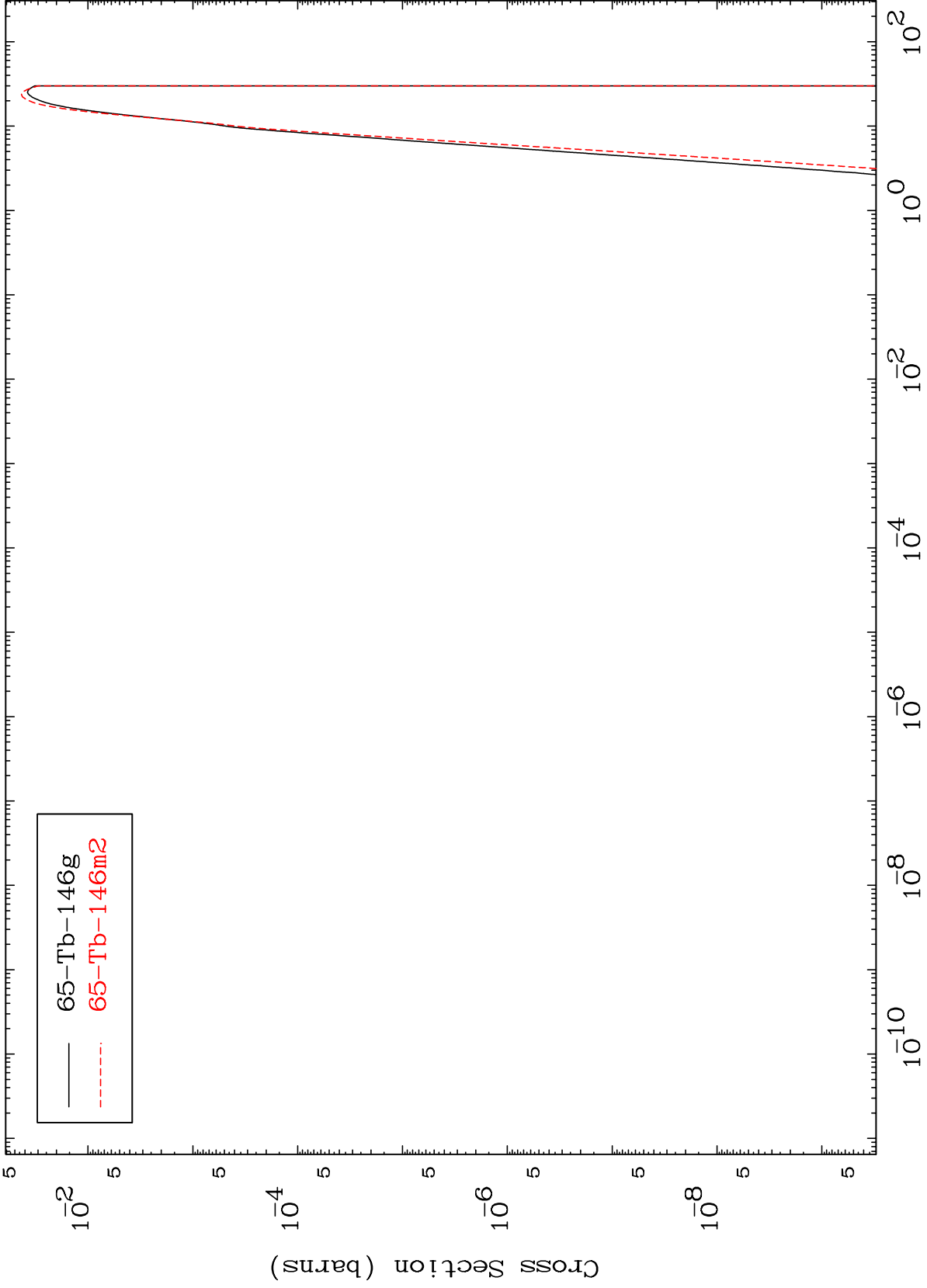
68-Er-150

MAT 6789

(n,p) α

68-Er-150

Radionuclide Production Cross Section



74

Incident Energy (MeV)

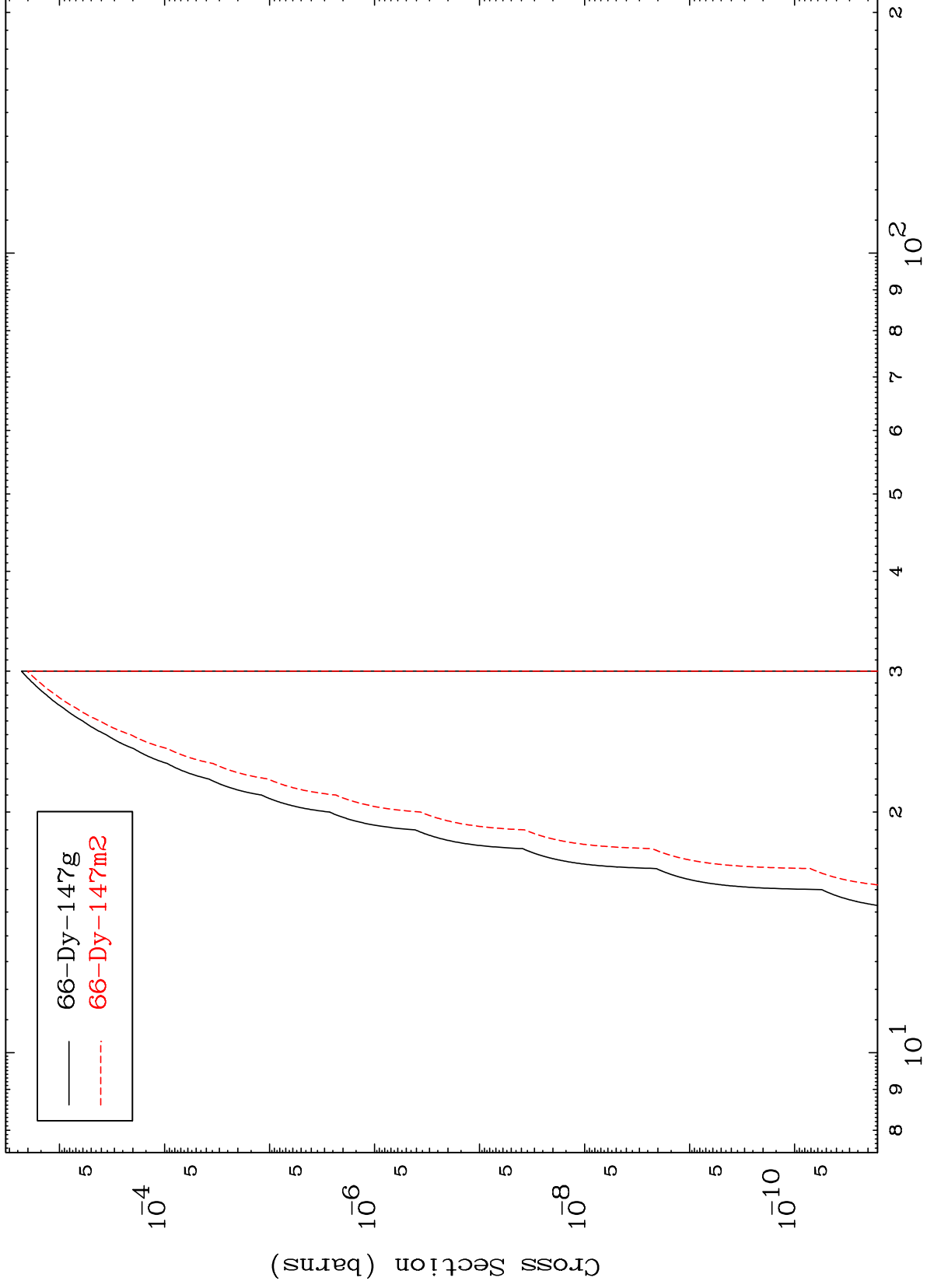
68-Er-150

MAT 6789

(n,p) t

68-Er-150

Radionuclide Production Cross Section



75

Incident Energy (MeV)

68-Er-150