

Program EVALPLOT
(Version 2017-1)

by

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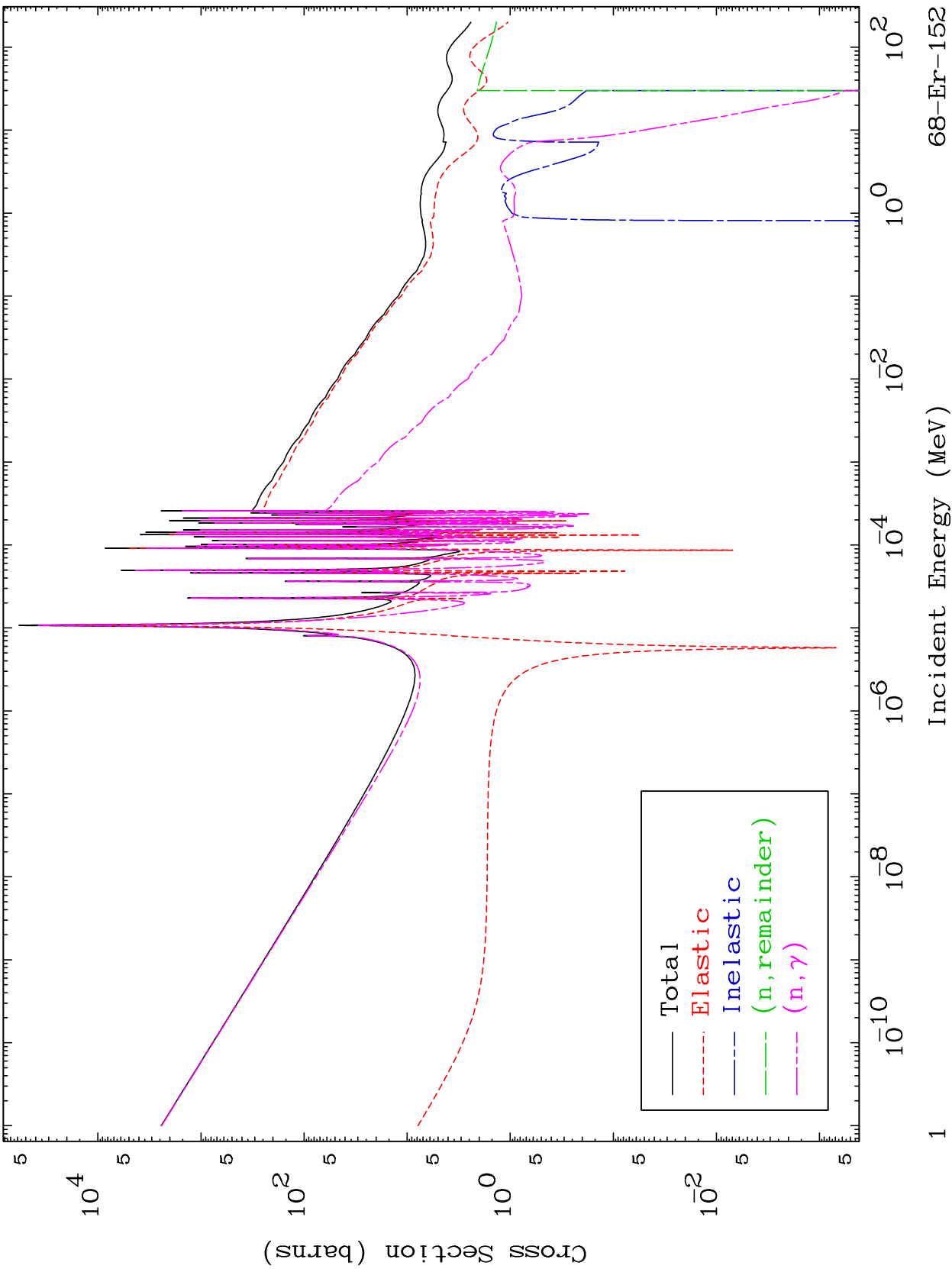
Press Mouse Button to Start

MAT 6795

Major

293 Kelvin Cross Sections

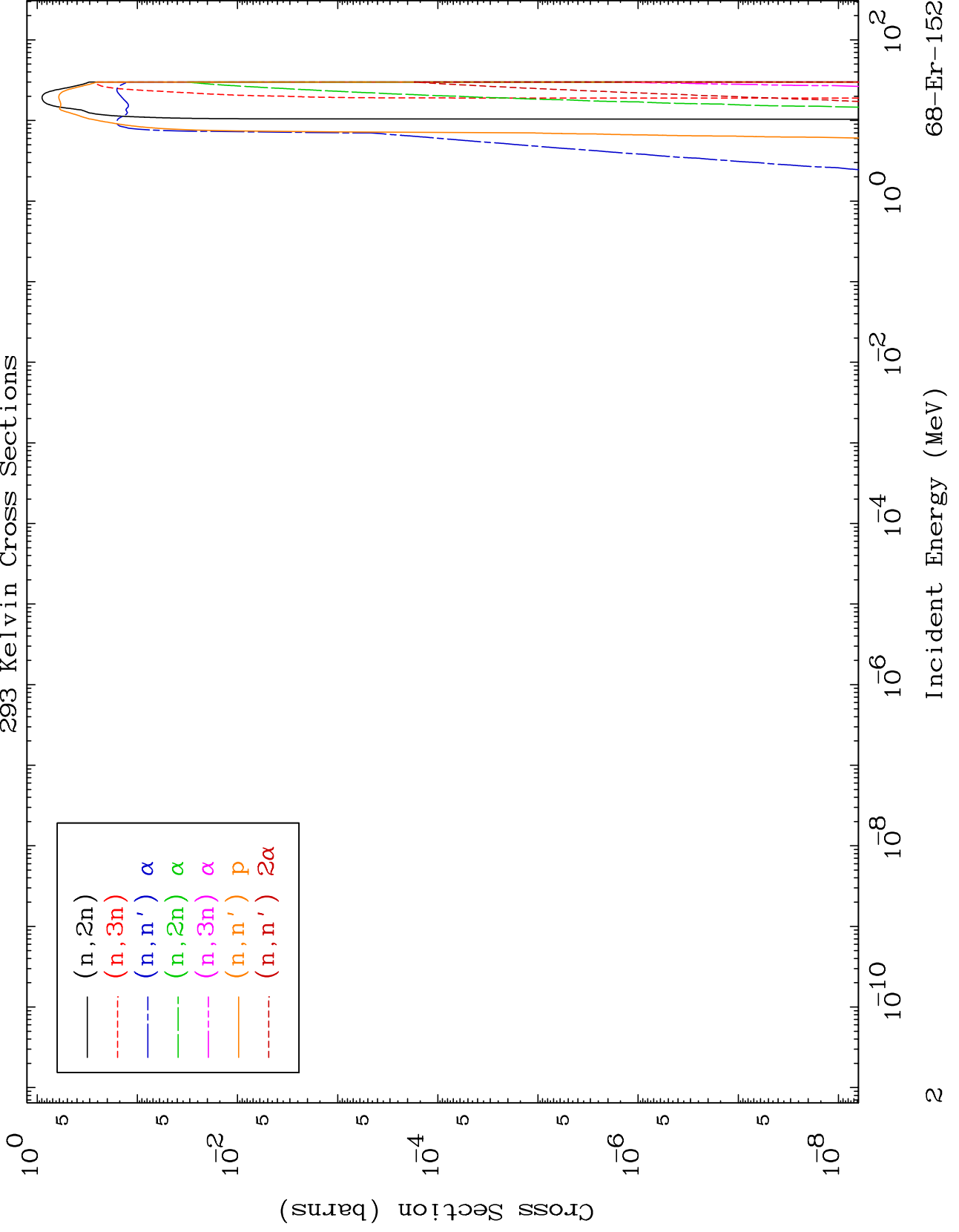
68-Er-152

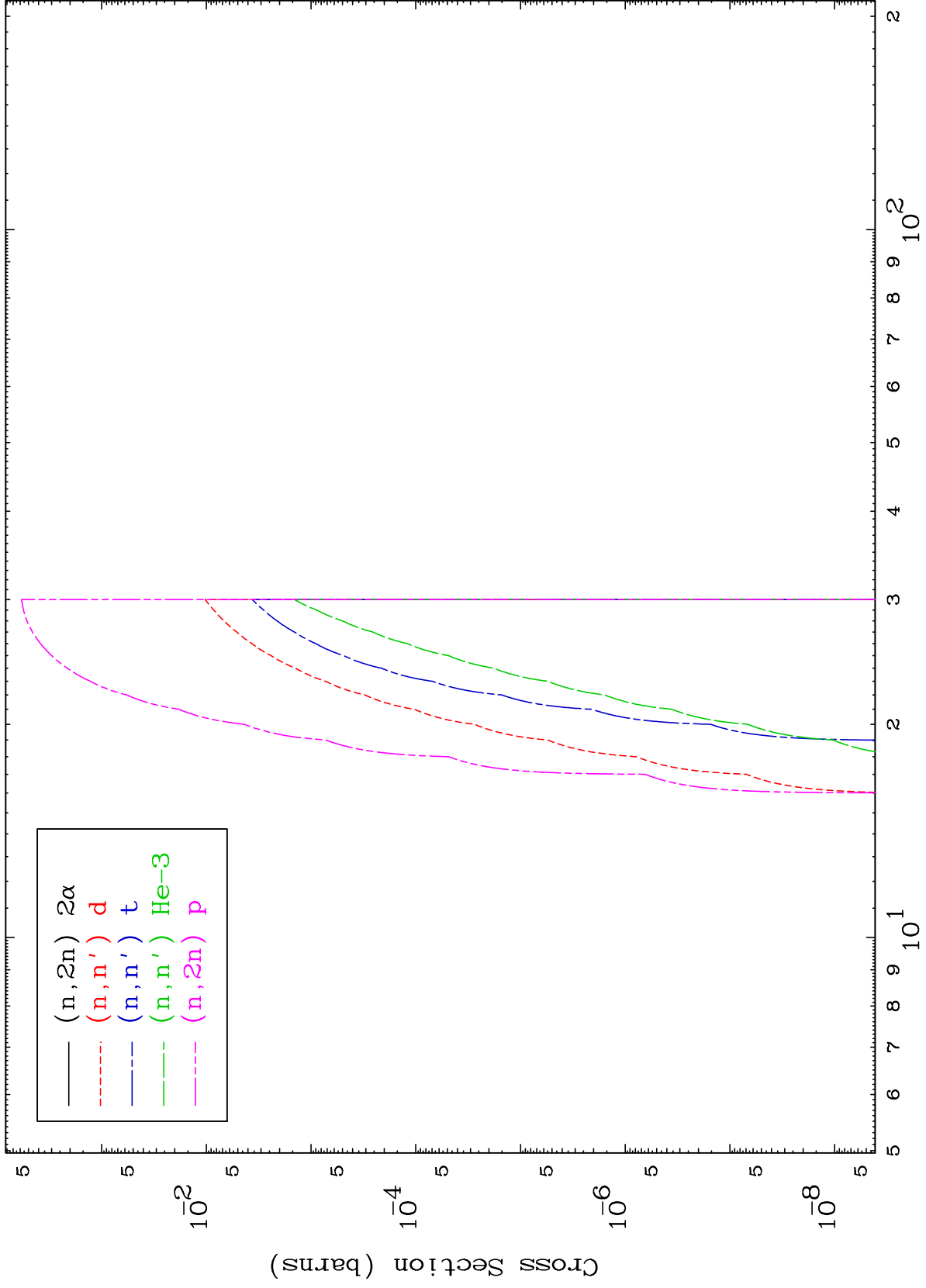


MAT 6795

Neutron Production
293 Kelvin Cross Sections

68-Er-152

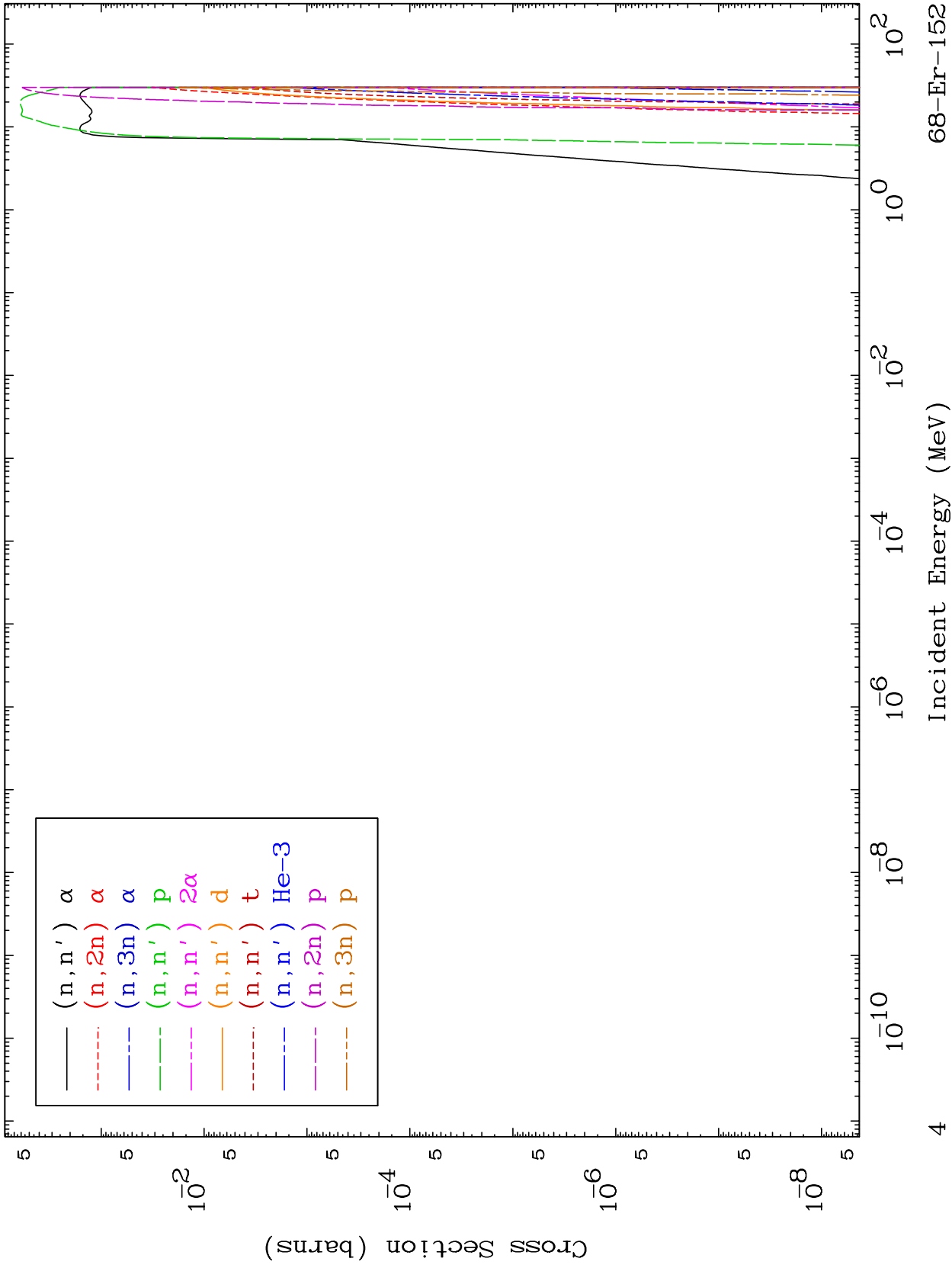




MAT 6795

Charged Particle
293 Kelvin Cross Sections

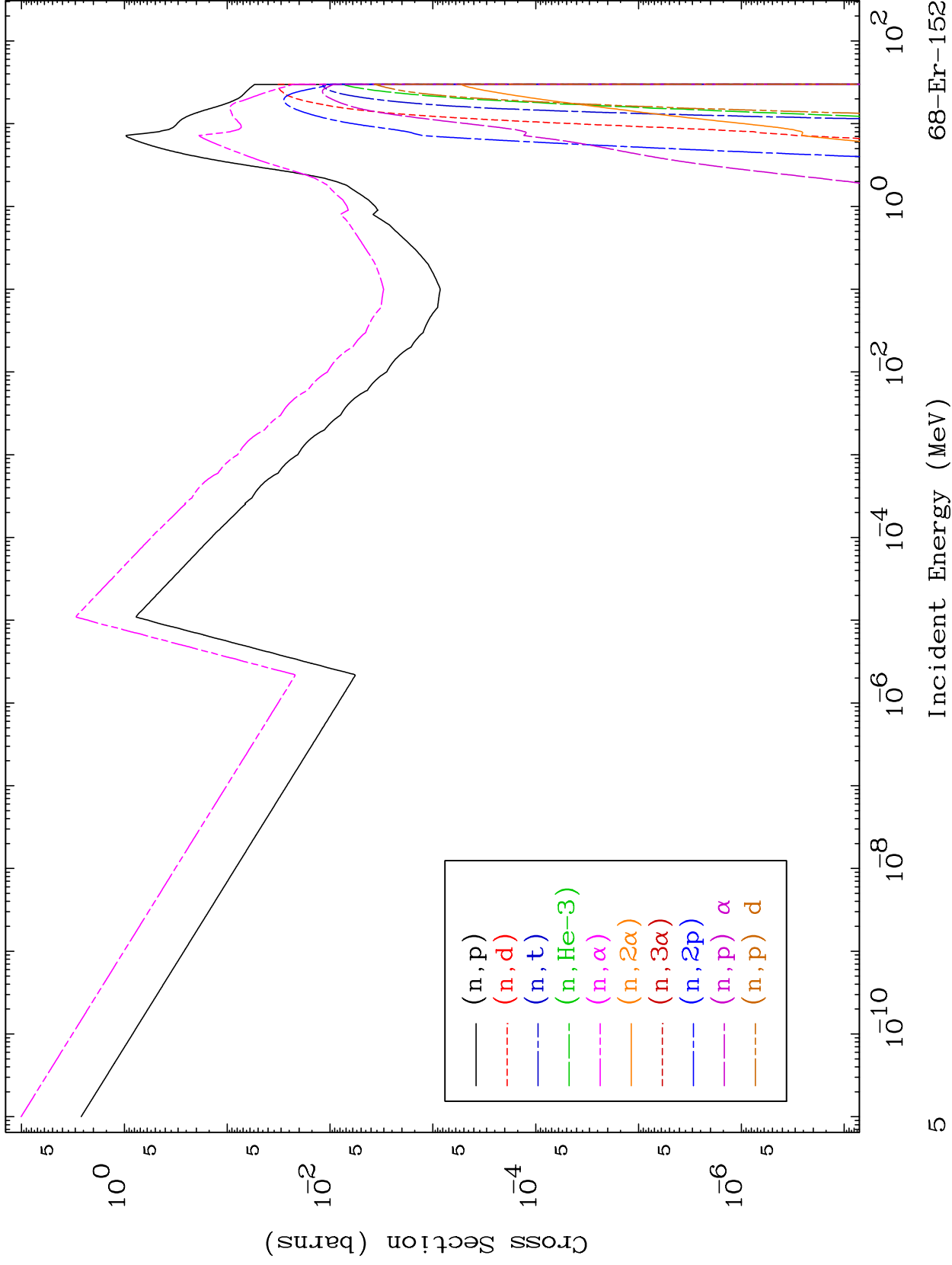
68-Er-152



MAT 6795

Charged Particle
293 Kelvin Cross Sections

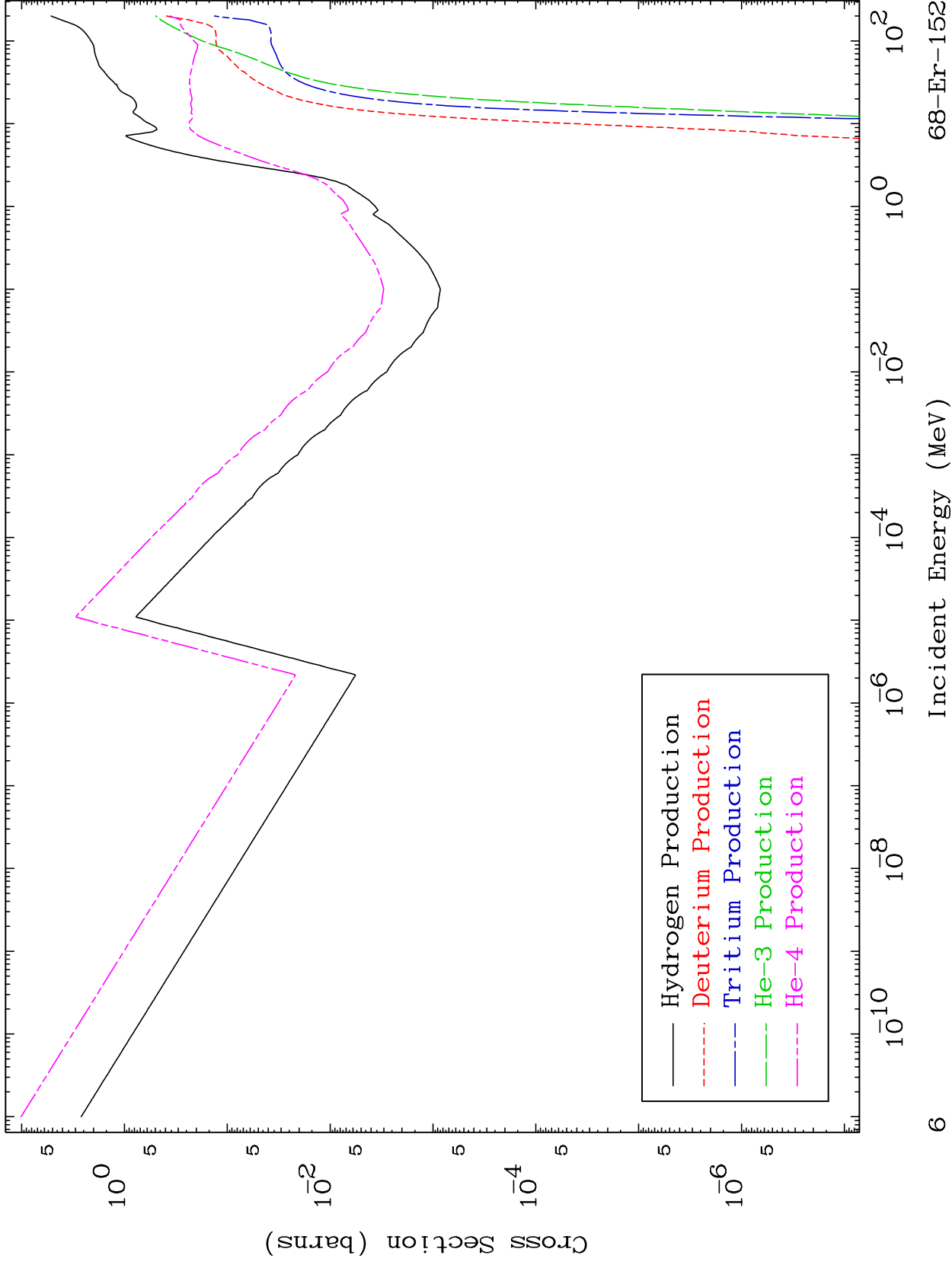
68-Er-152



MAT 6795

Particle Production
293 Kelvin Cross Sections

68-Er-152

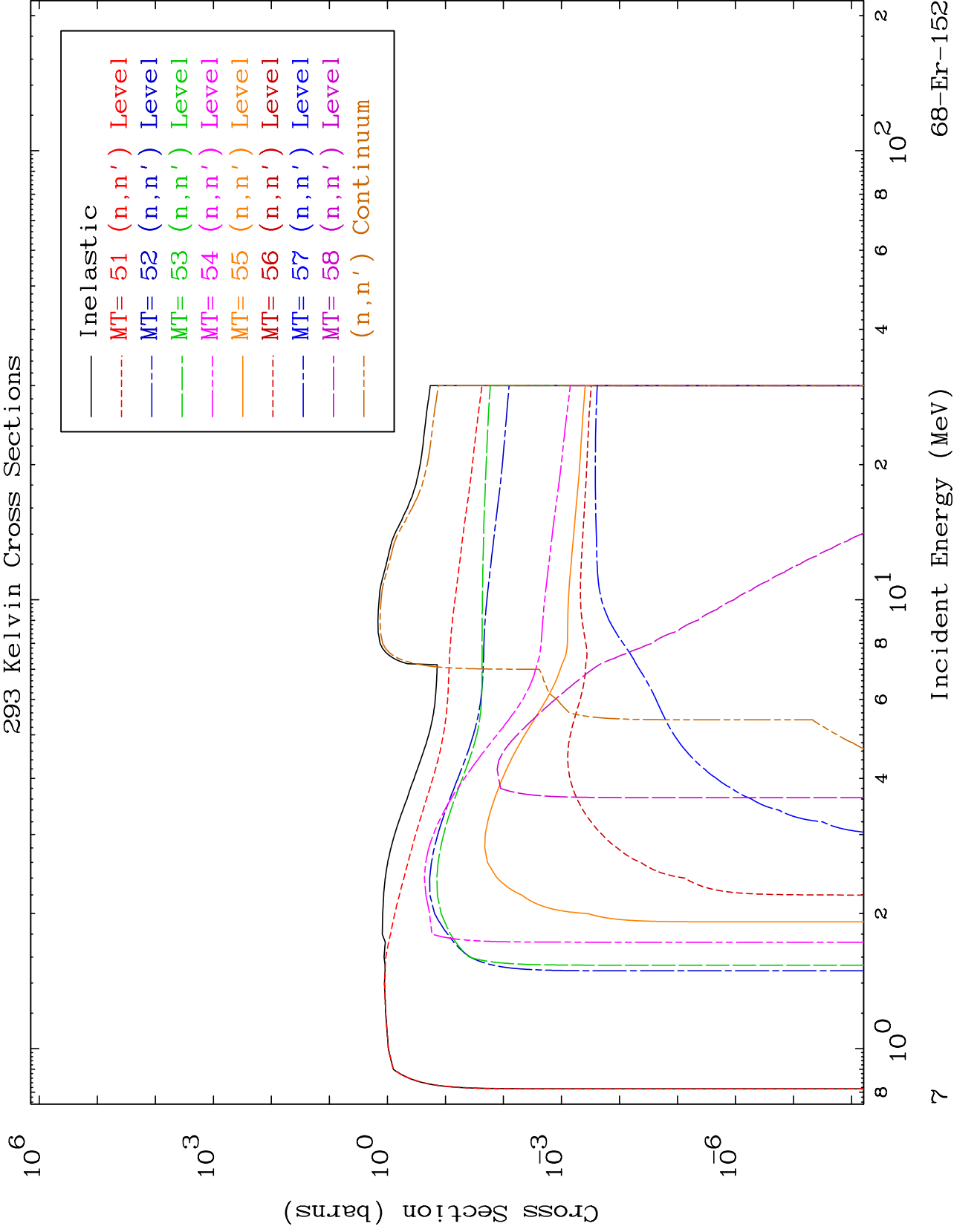


MAT 6795

(n,n') Level

68-Er-152

293 Kelvin Cross Sections



Incident Energy (MeV)

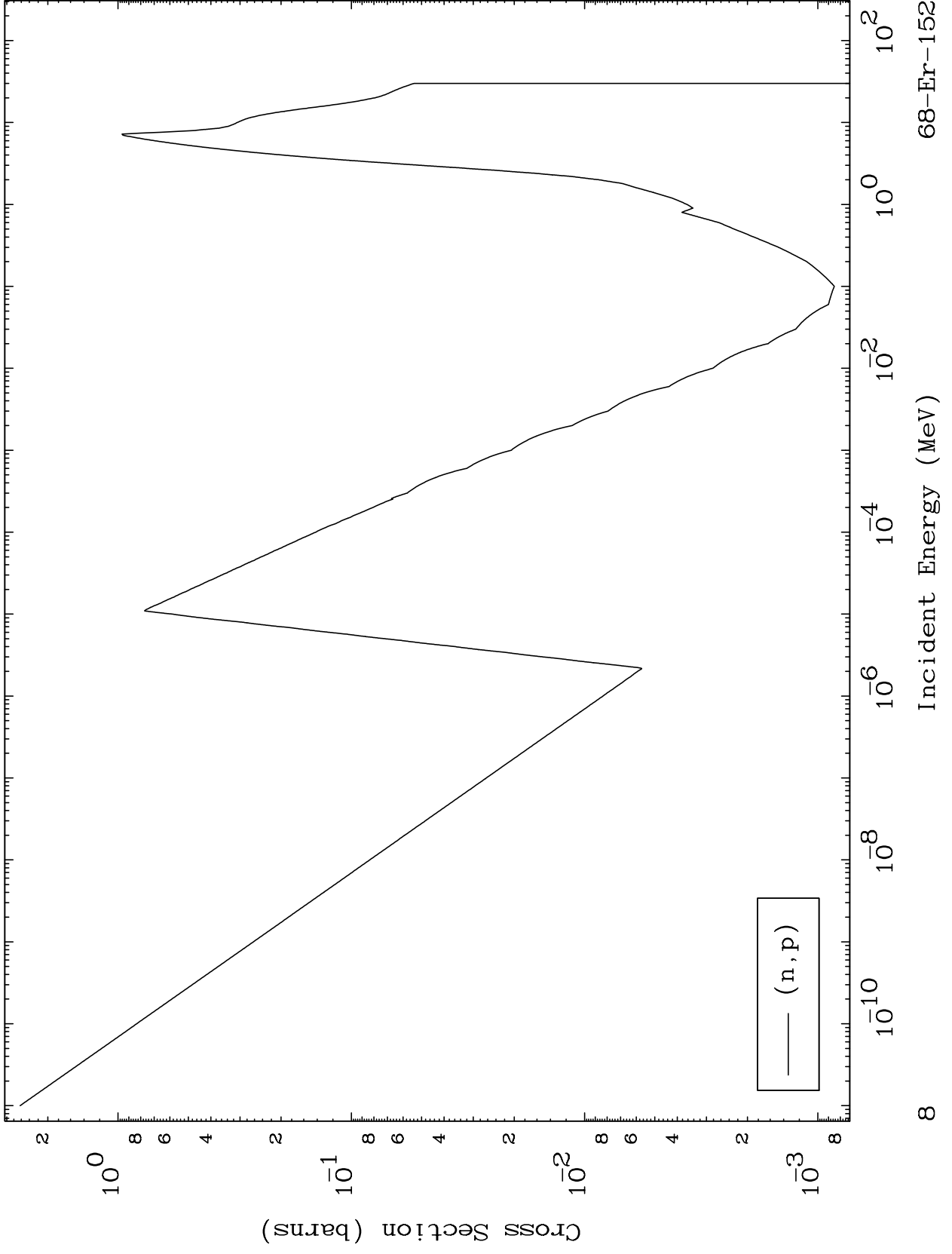
68-Er-152

7

MAT 6795

(n,p) Levels
293 Kelvin Cross Sections

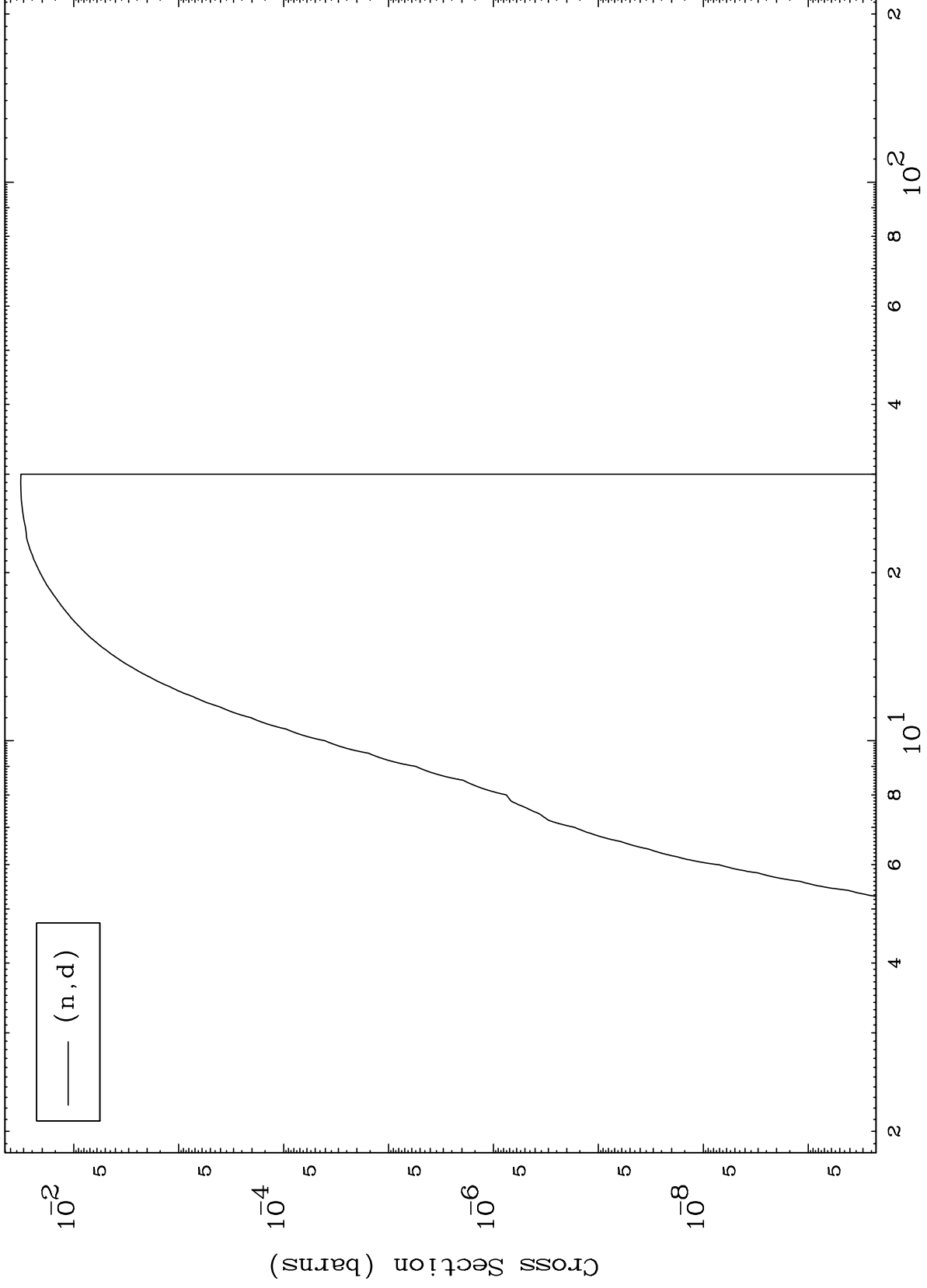
68-Er-152



MAT 6795

(n,d) Levels
293 Kelvin Cross Sections

68-Er-152



9

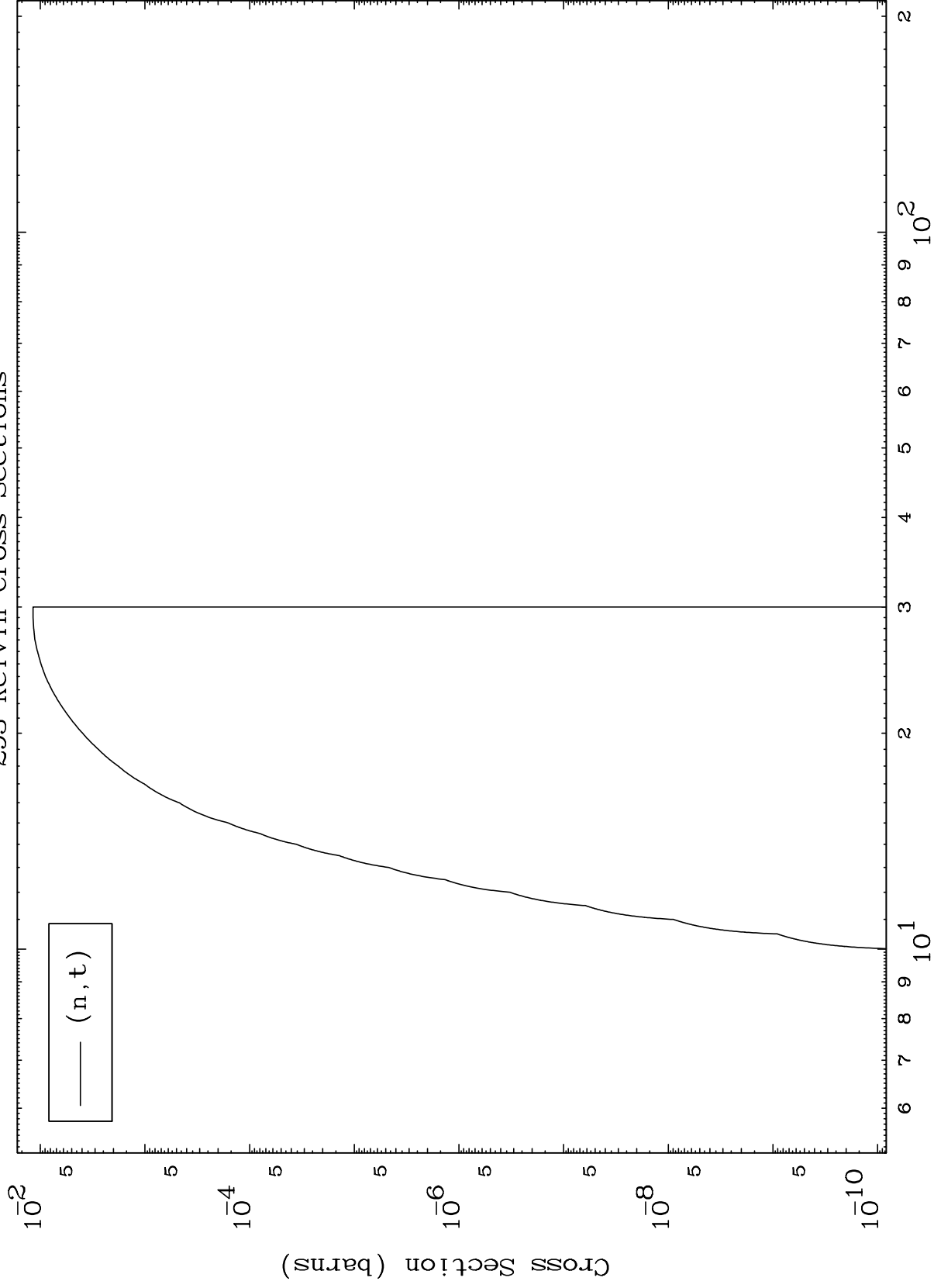
Incident Energy (MeV)

68-Er-152

MAT 6795

(n,t) Levels
293 Kelvin Cross Sections

68-Er-152



10

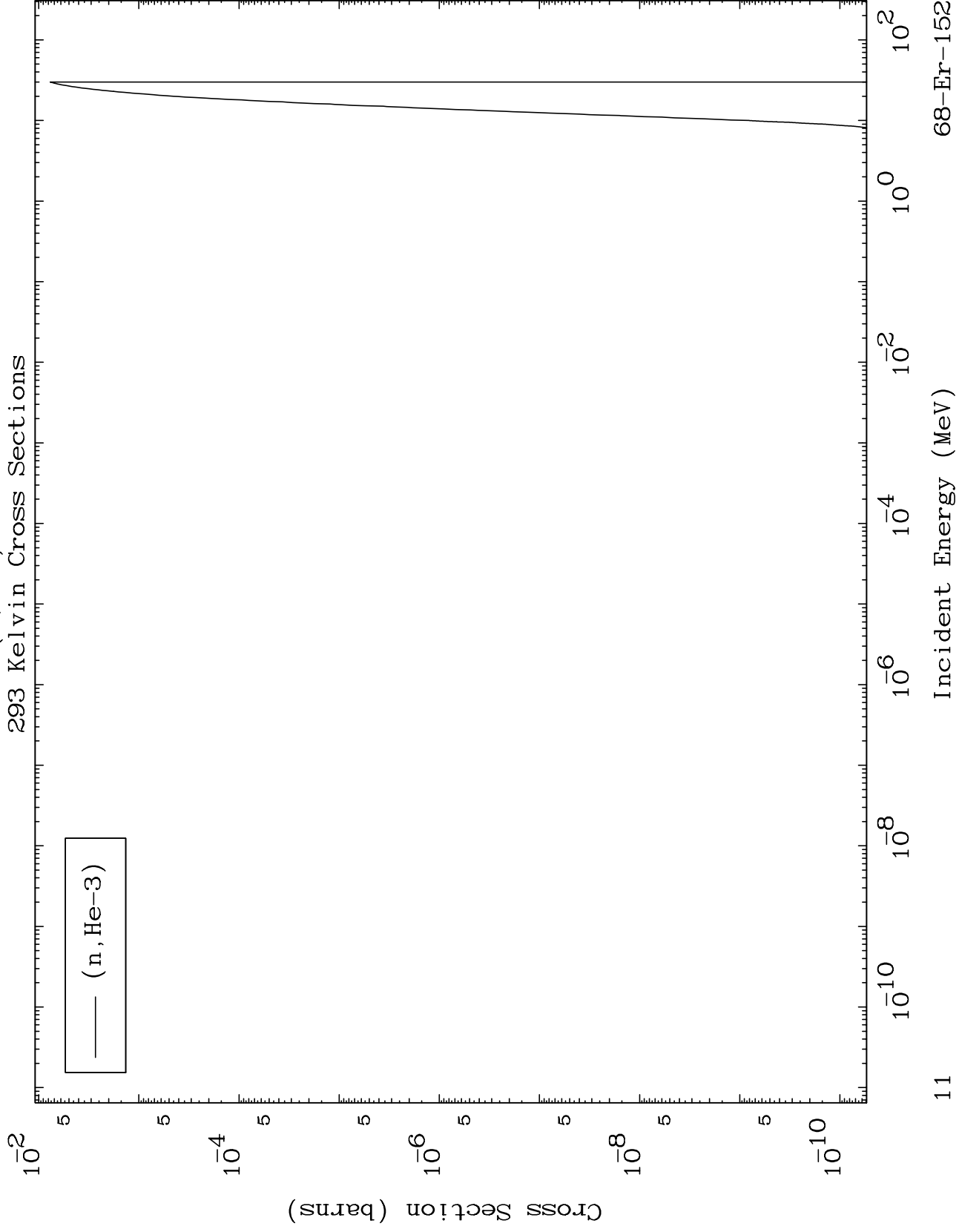
Incident Energy (MeV)

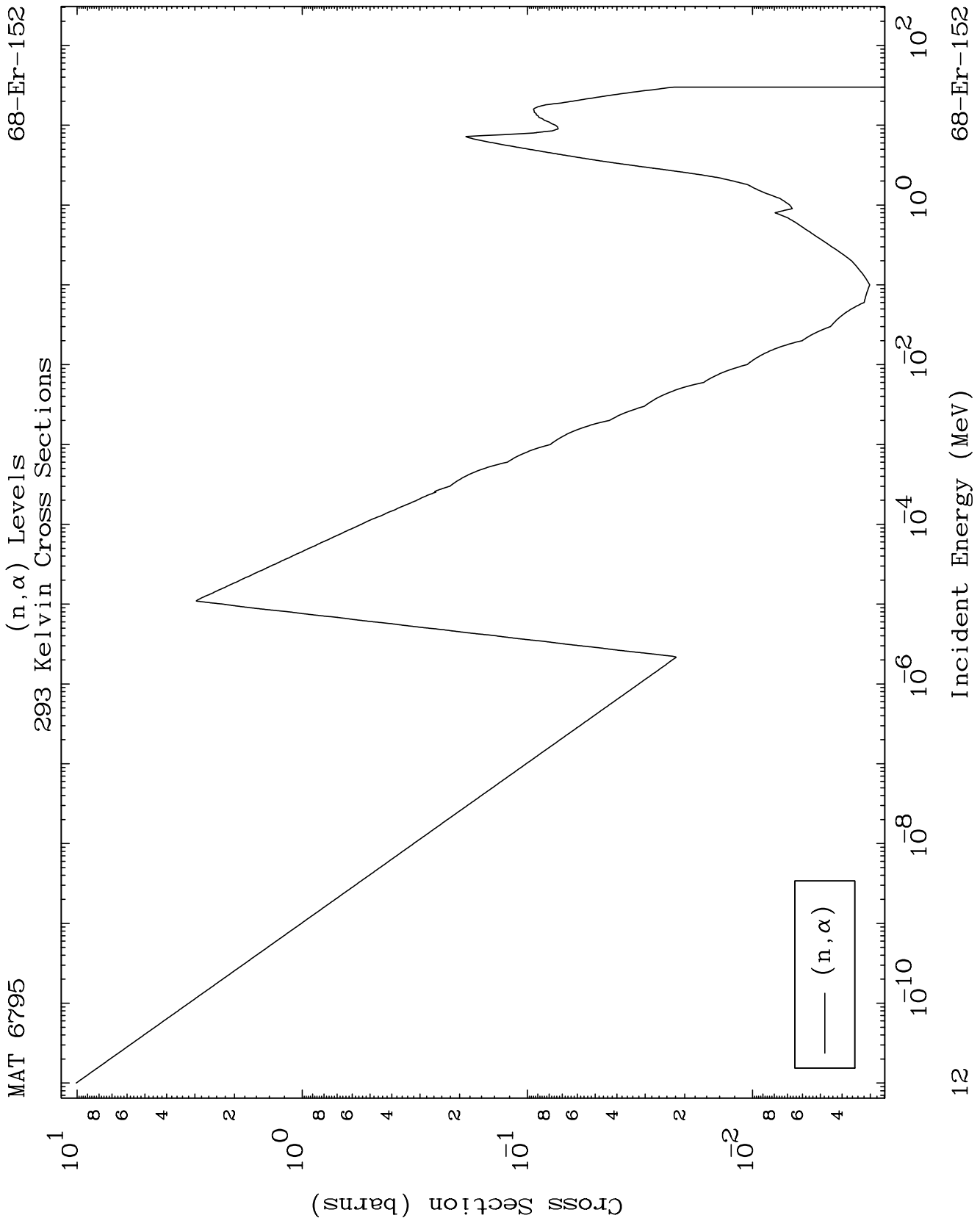
68-Er-152

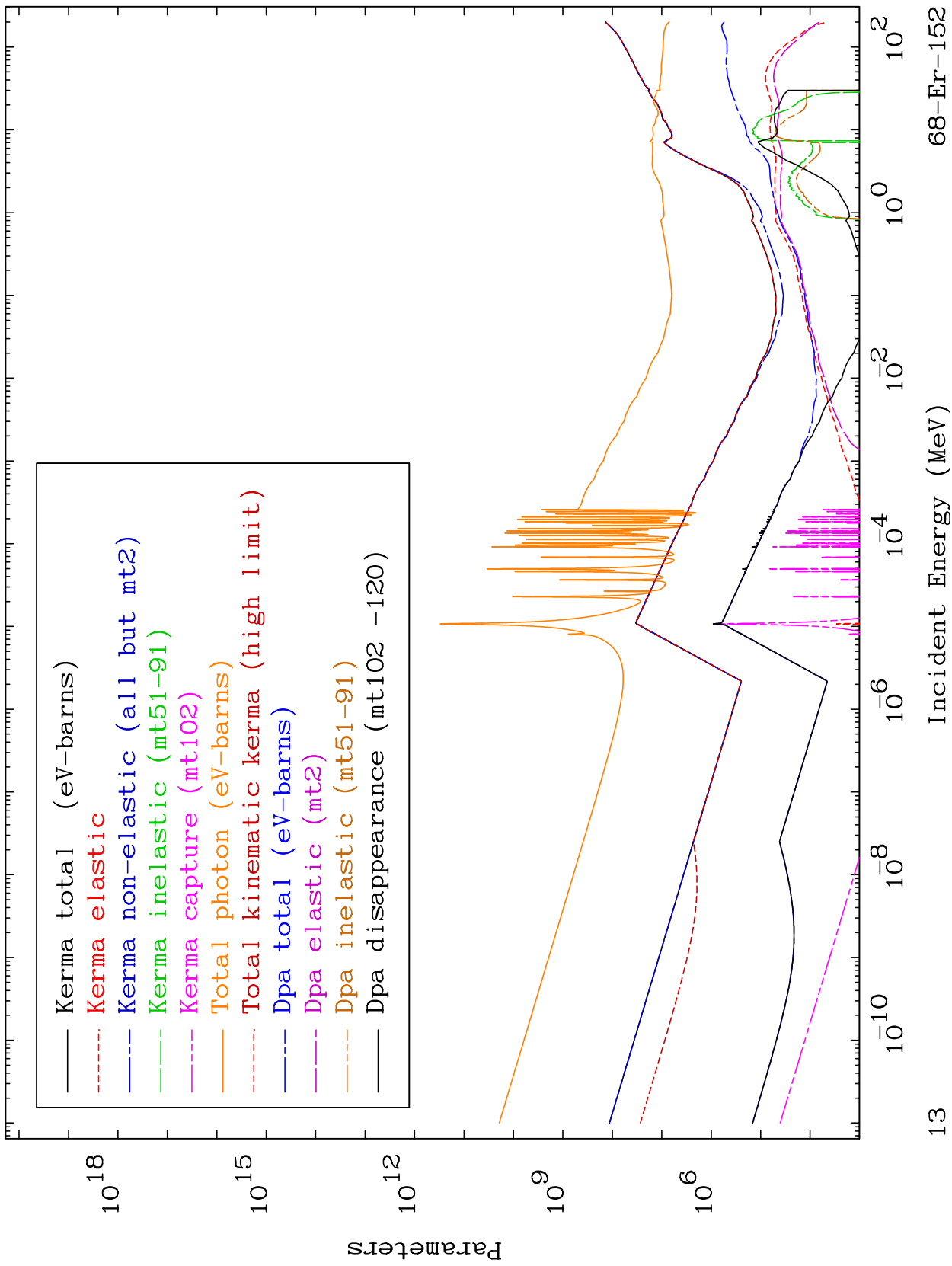
MAT 6795

(n,He3) Levels
293 Kelvin Cross Sections

68-Er-152



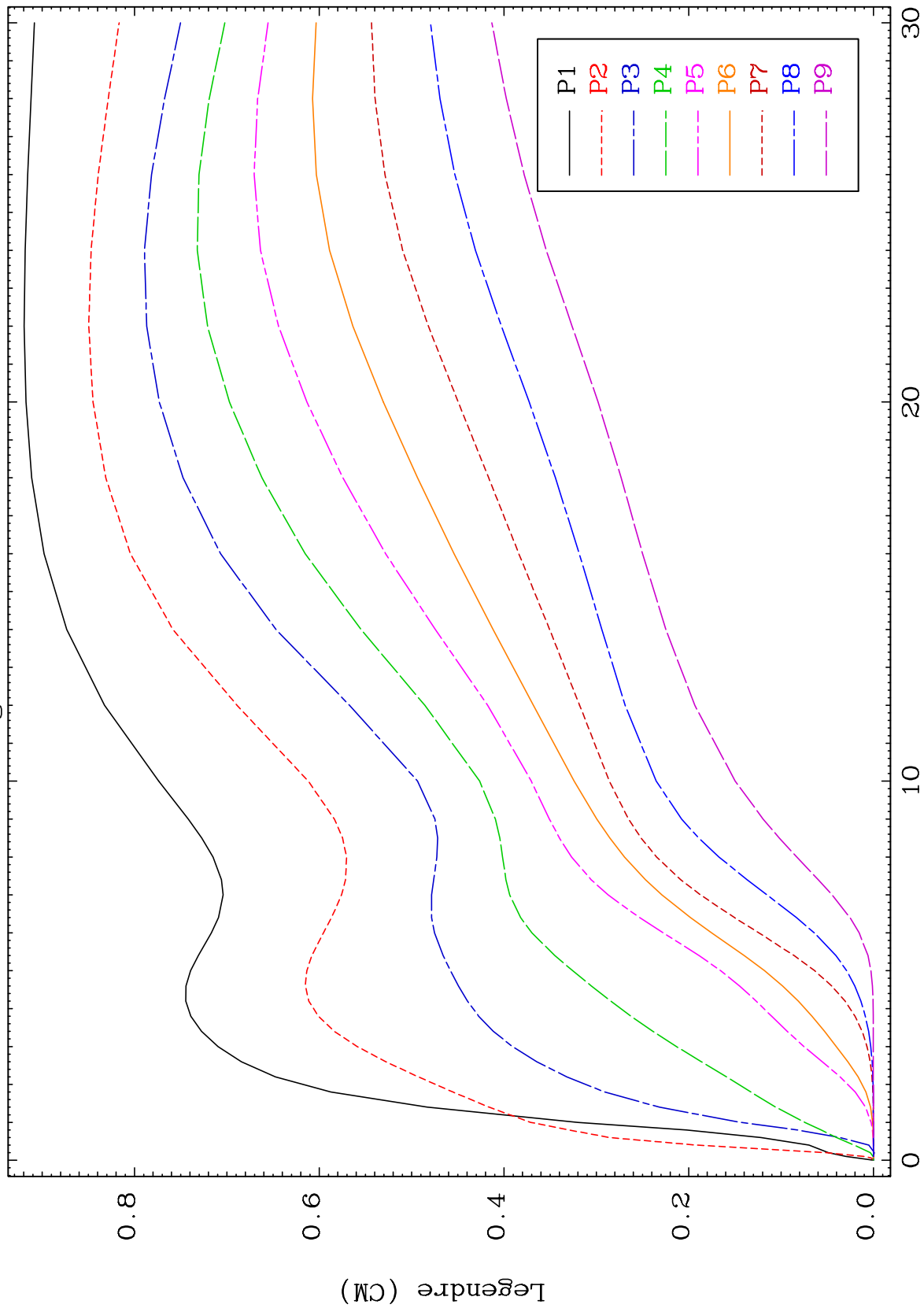




MAT 6795

Elastic Legendre Coefficients

68-Er-152



14

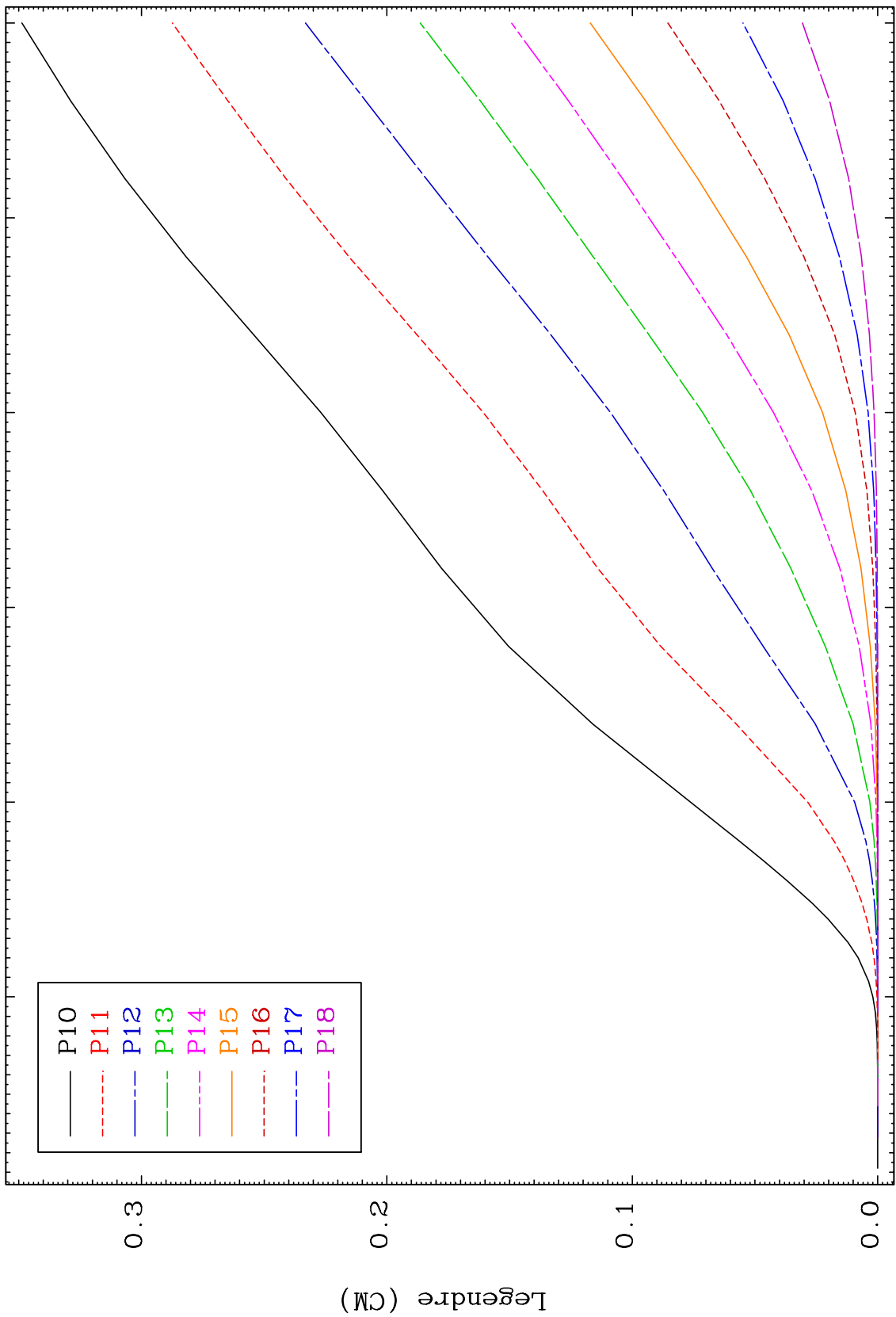
Incident Energy (MeV)

68-Er-152

MAT 6795

Elastic Legendre Coefficients

68-Er-152



15

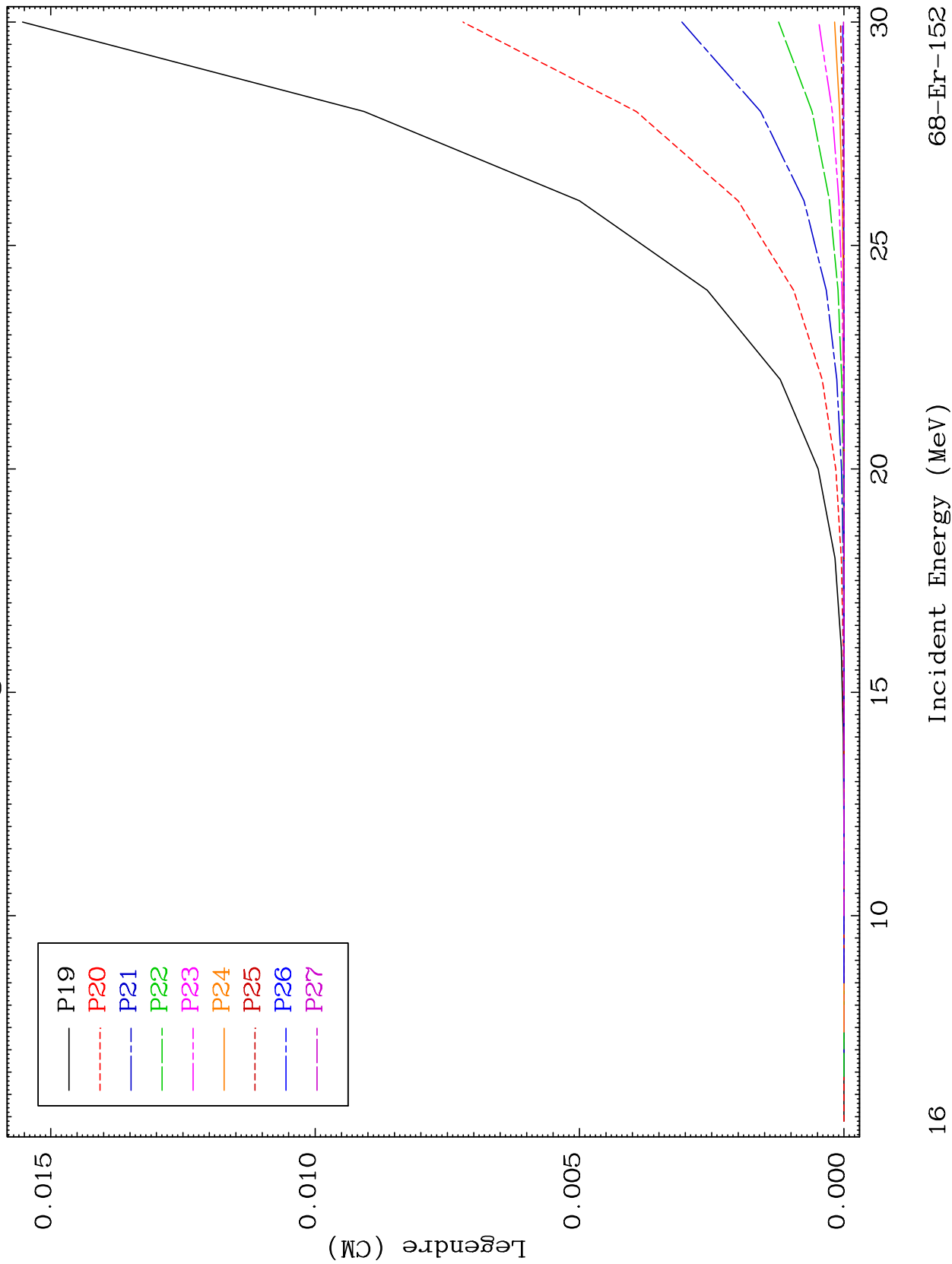
Incident Energy (MeV)

68-Er-152

MAT 6795

Elastic Legendre Coefficients

68-Er-152



16

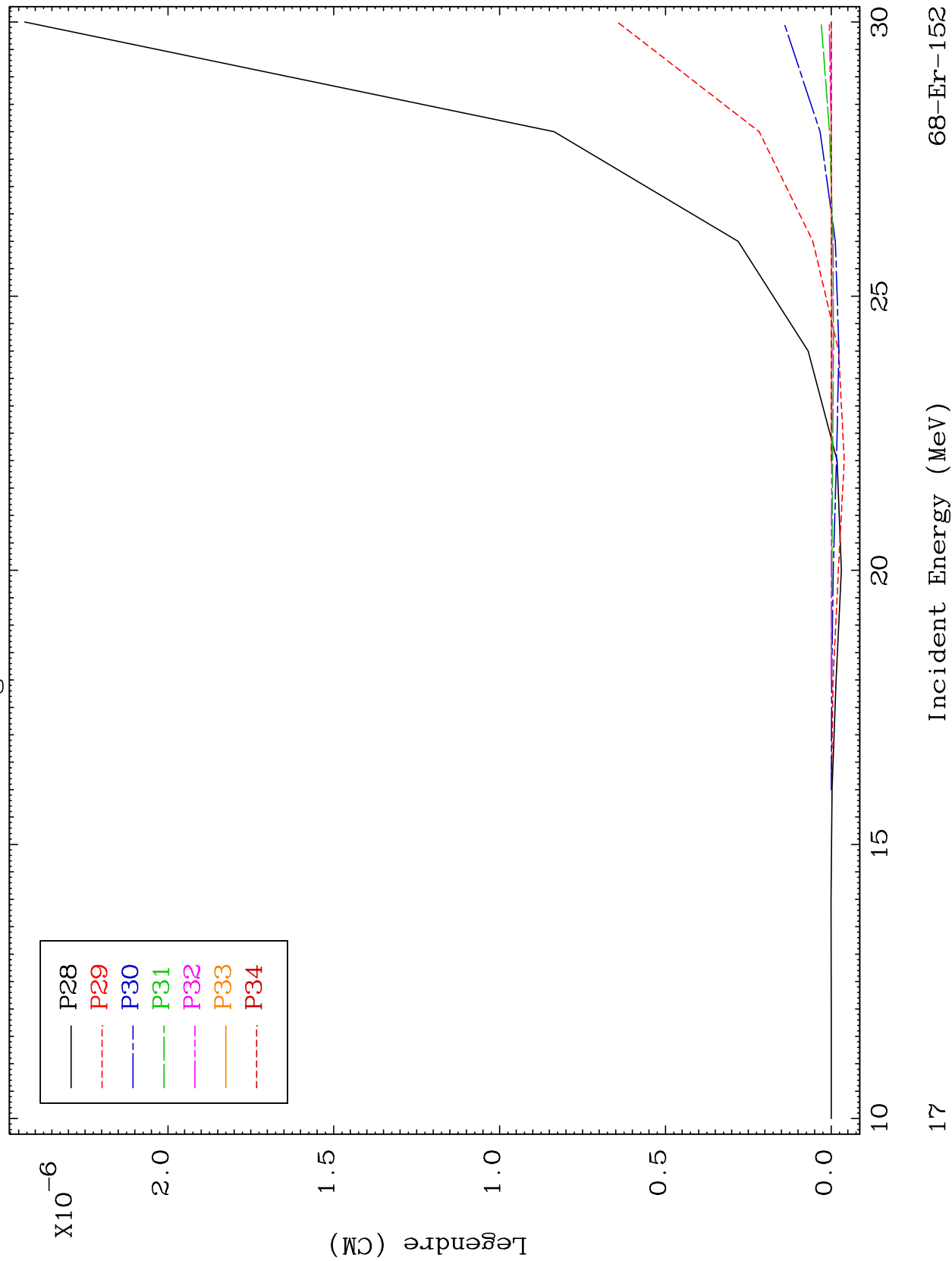
Incident Energy (MeV)

68-Er-152

MAT 6795

Elastic
Legendre Coefficients

68-Er-152



17

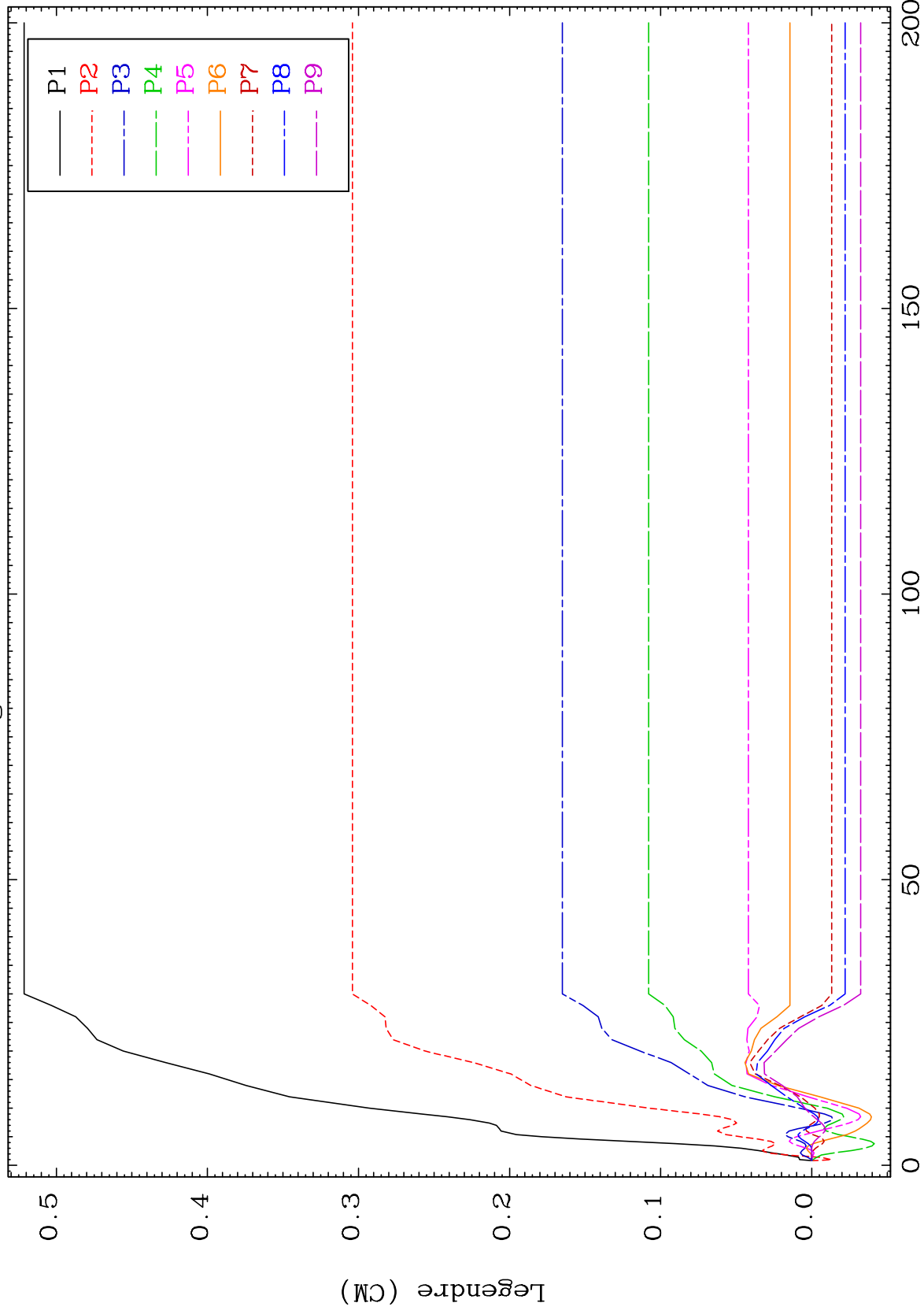
Incident Energy (MeV)

68-Er-152

MAT 6795

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

68-Er-152



18

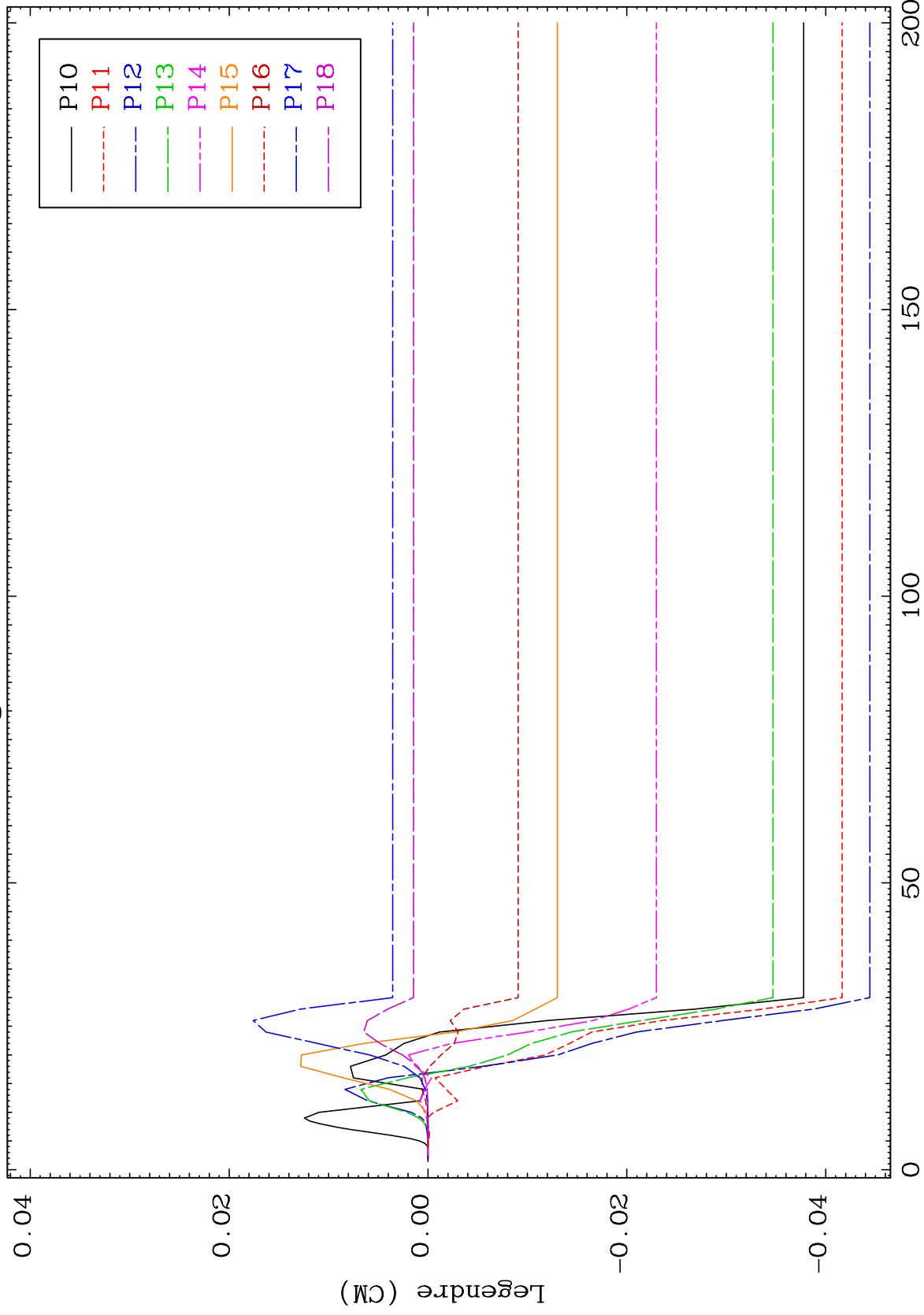
Incident Energy (MeV)

68-Er-152

MAT 6795

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

68-Er-152



19

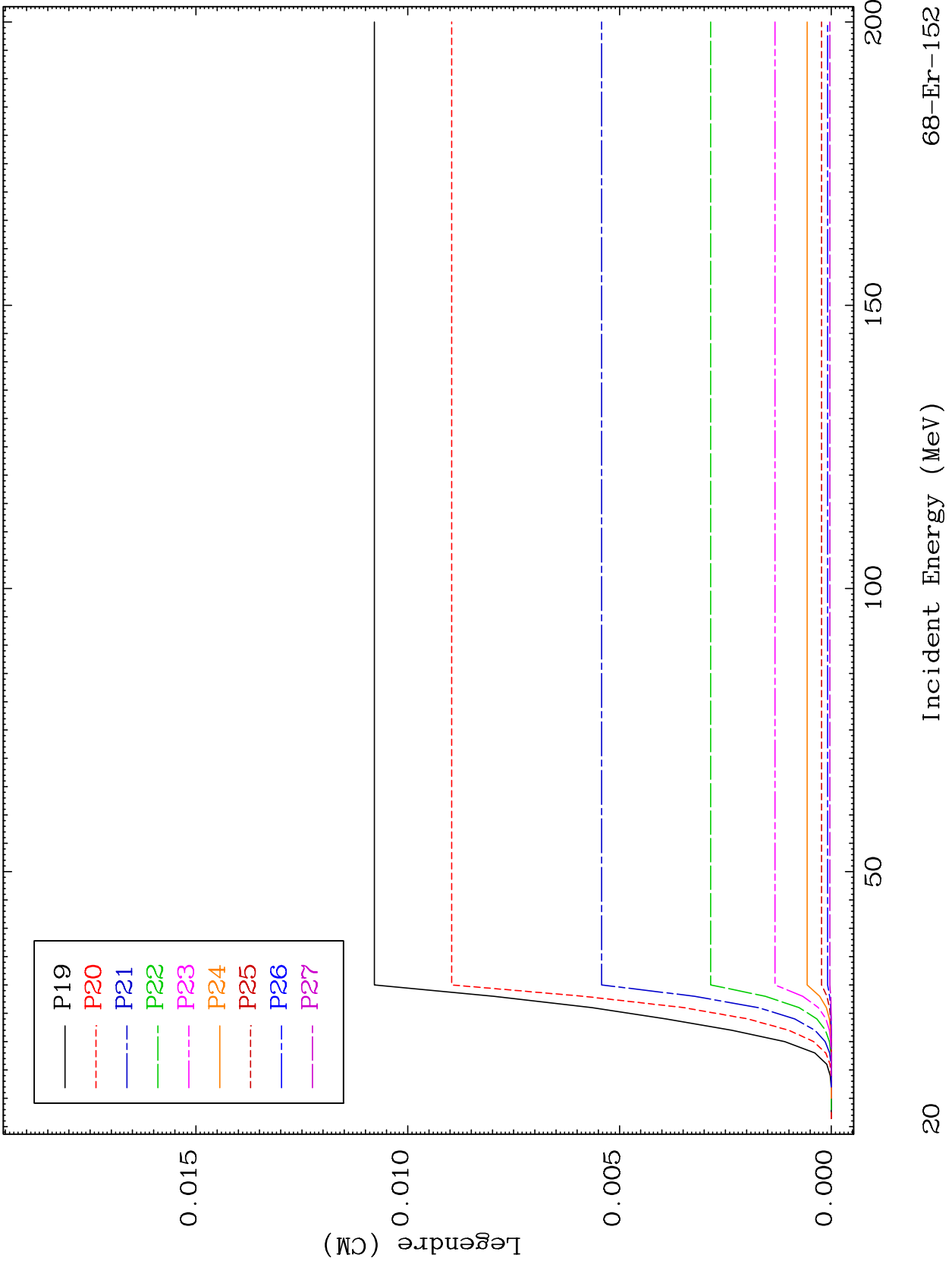
Incident Energy (MeV)

68-Er-152

MAT 6795

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

68-Er-152



20

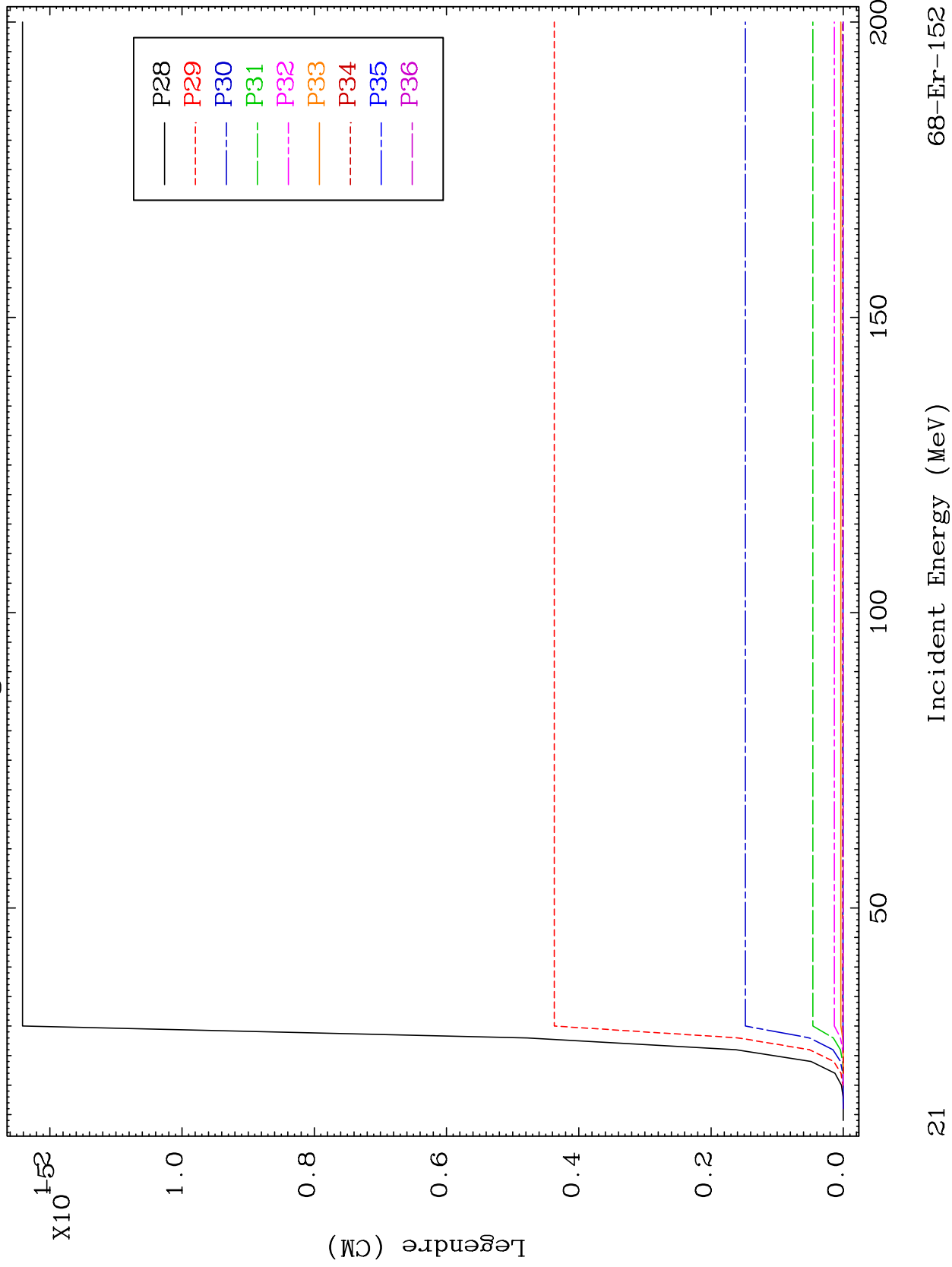
Incident Energy (MeV)

68-Er-152

MAT 6795

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

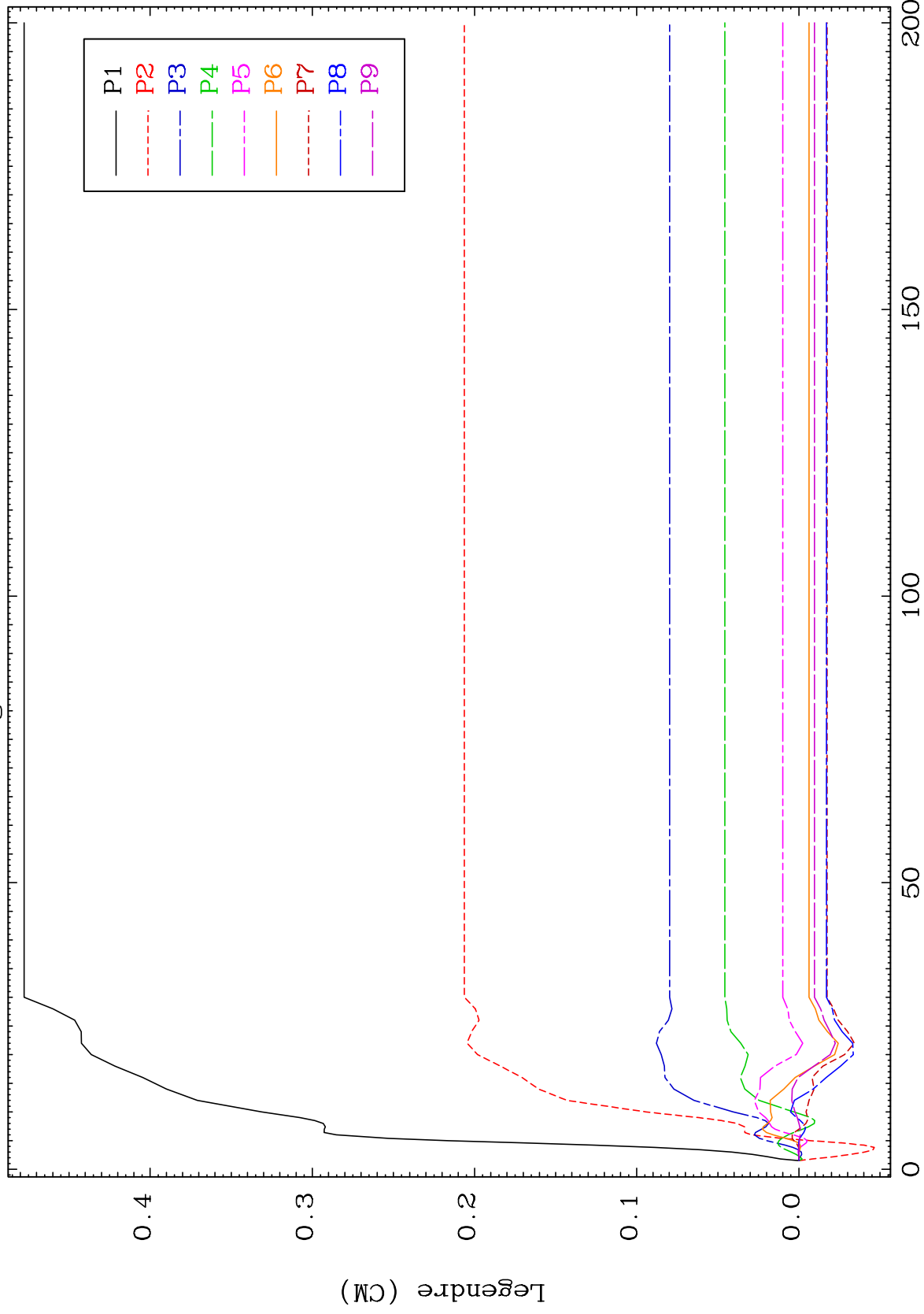
68-Er-152



MAT 6795

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

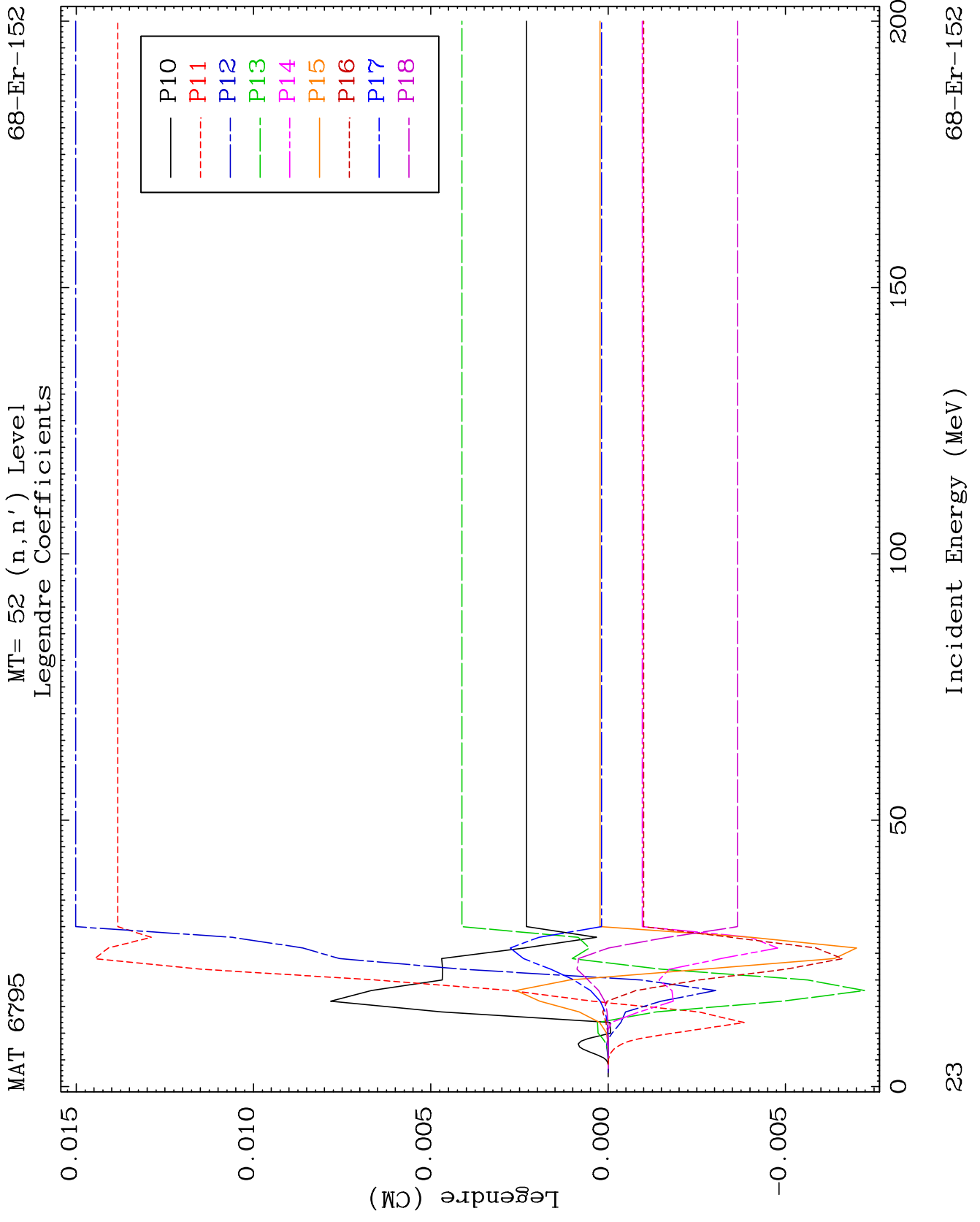
68-Er-152



22

Incident Energy (MeV)

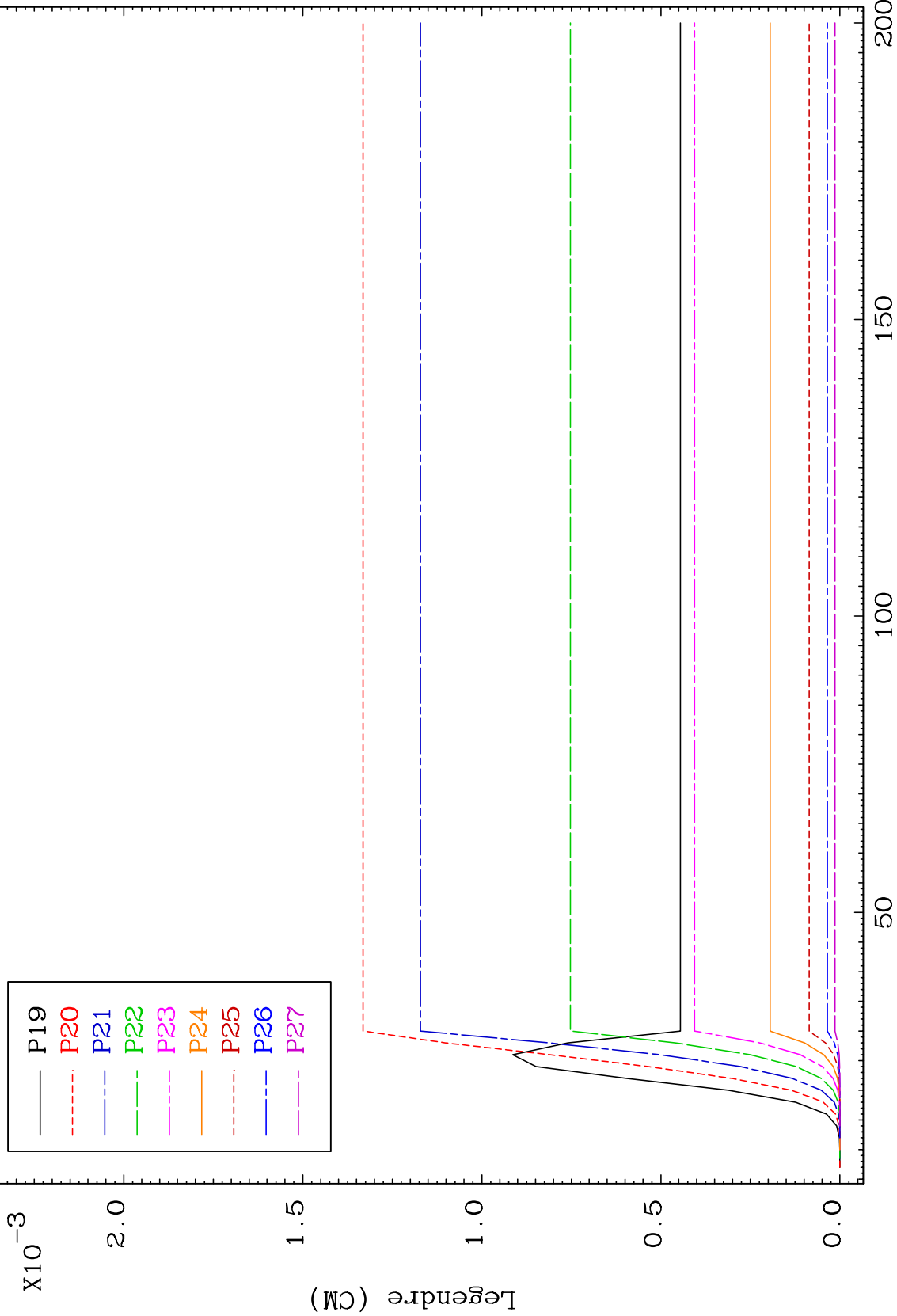
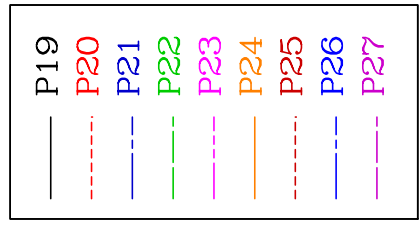
68-Er-152



MAT 6795

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

68-Er-152



24

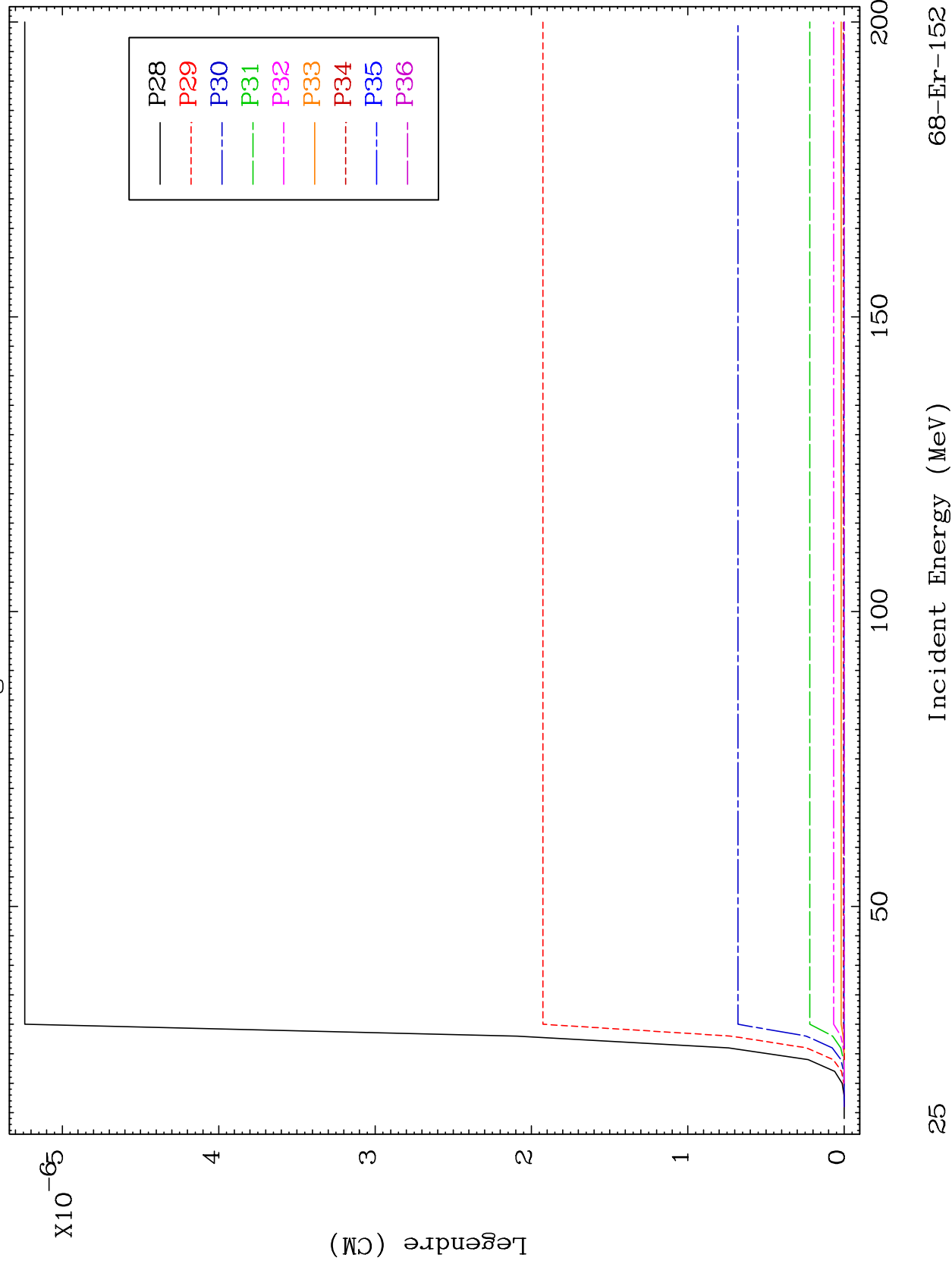
Incident Energy (MeV)

68-Er-152

MAT 6795

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

68-Er-152



25

50

100

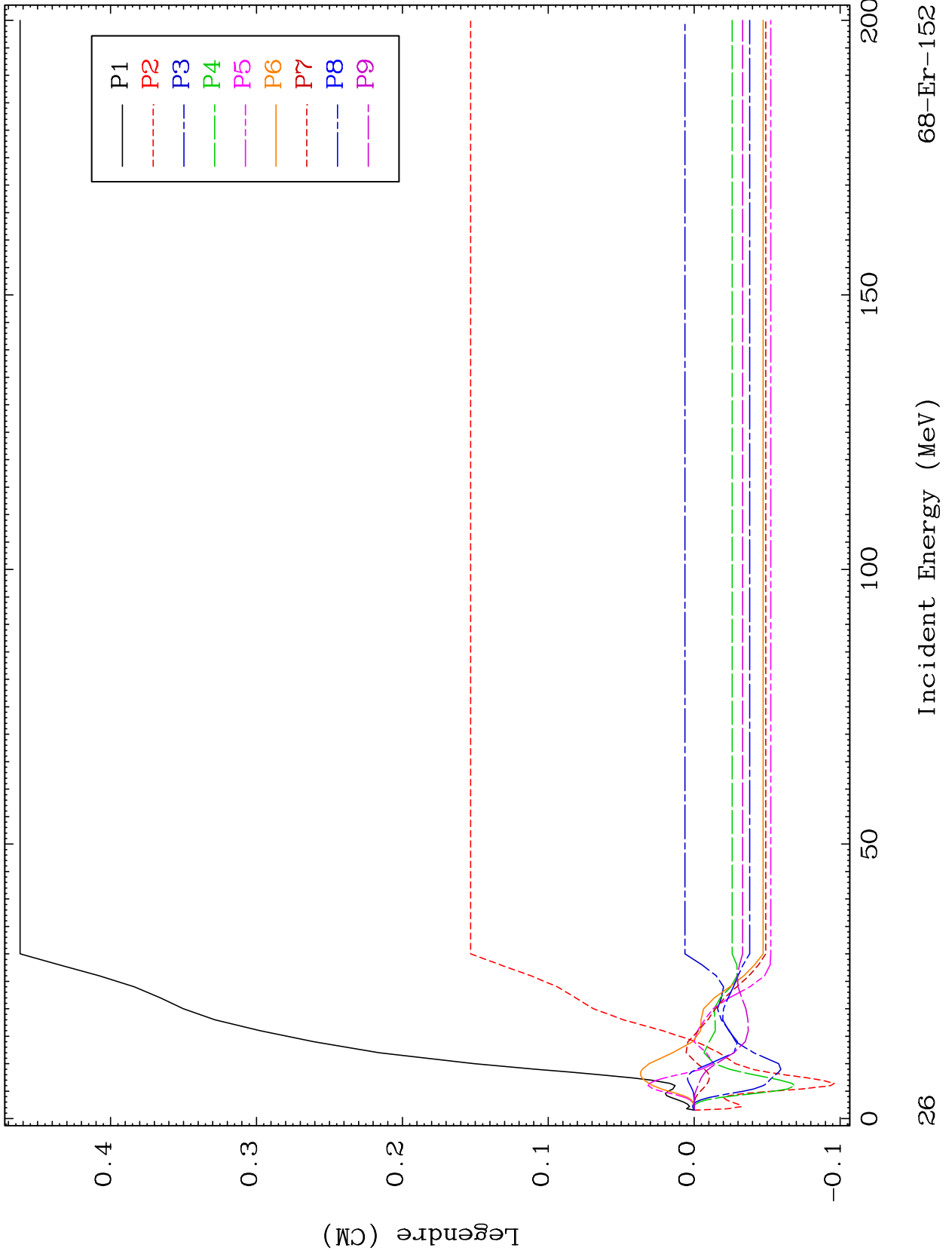
150

200

MAT 6795

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

68-Er-152



68-Er-152

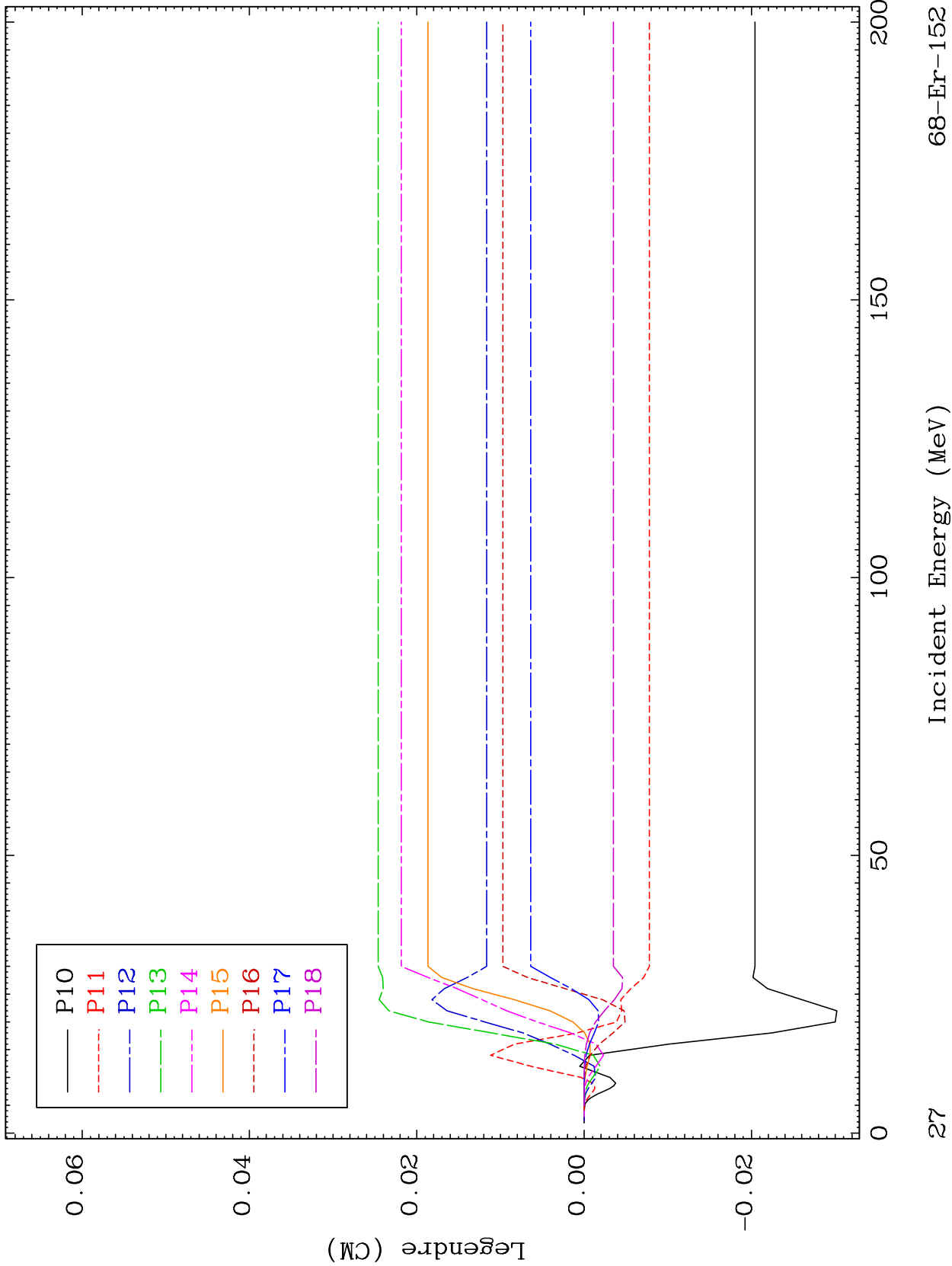
Incident Energy (MeV)

26

MAT 6795

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

68-Er-152



27

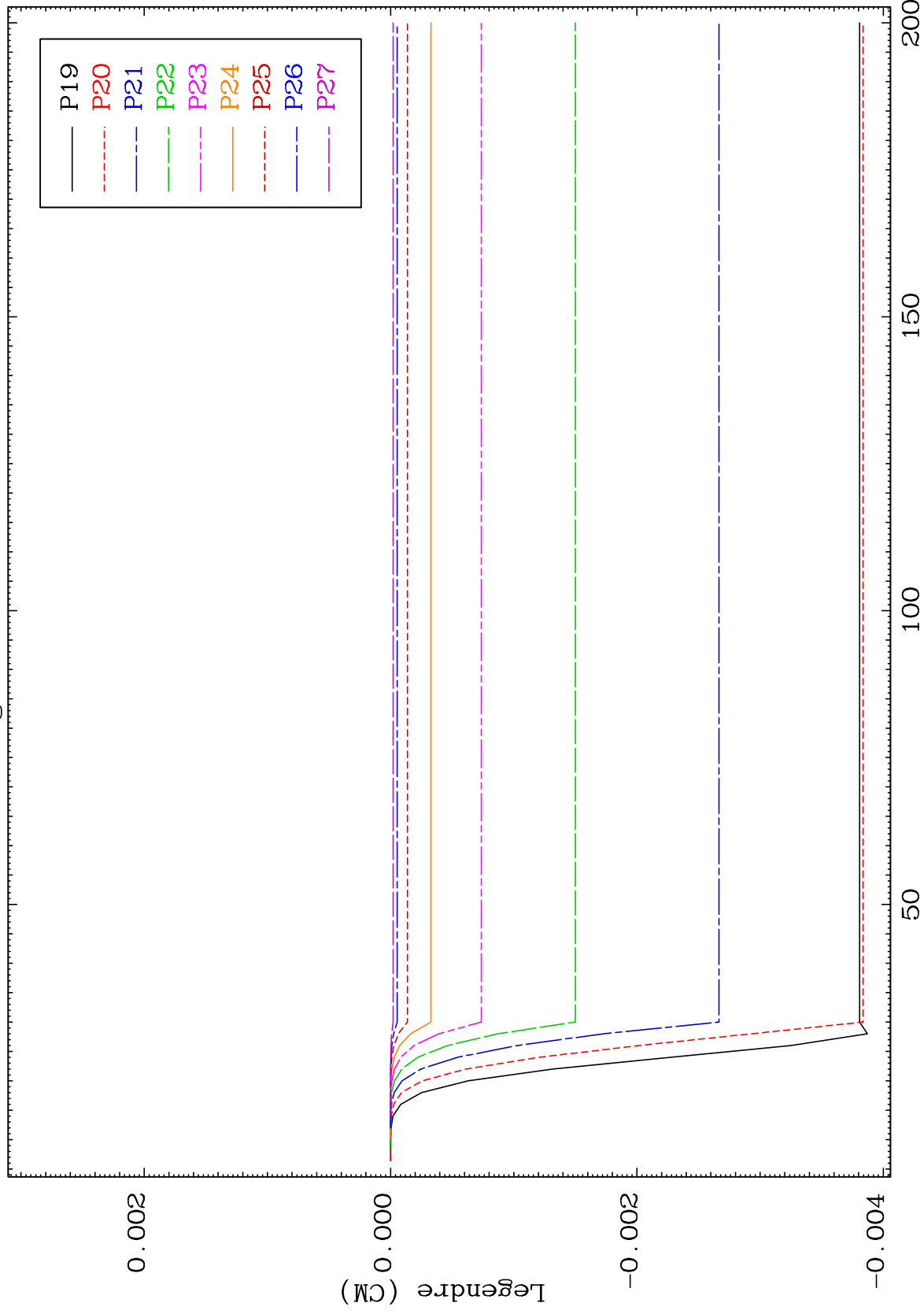
Incident Energy (MeV)

68-Er-152

MAT 6795

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

68-Er-152



28

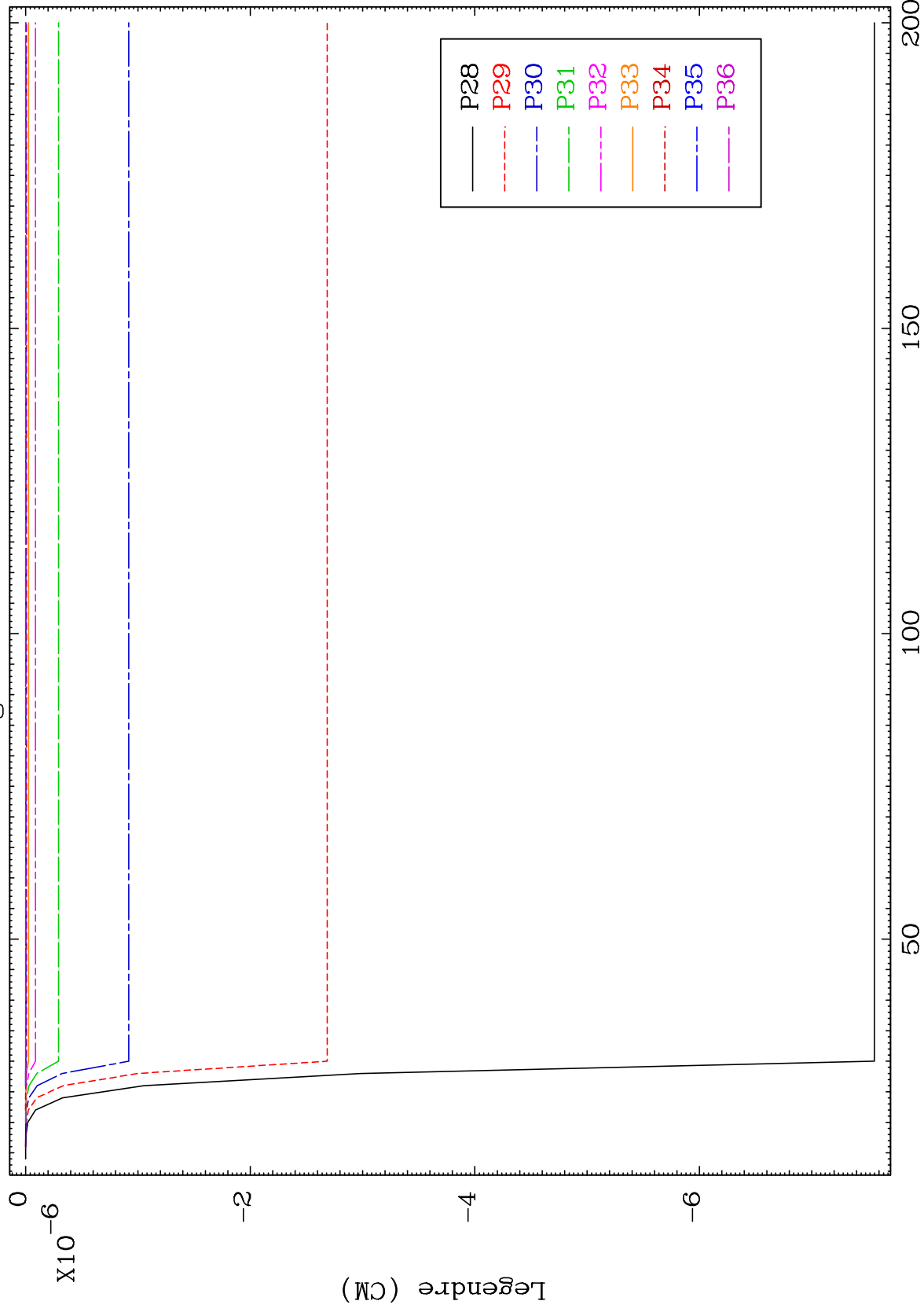
Incident Energy (MeV)

68-Er-152

MAT 6795

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

68-Er-152



29

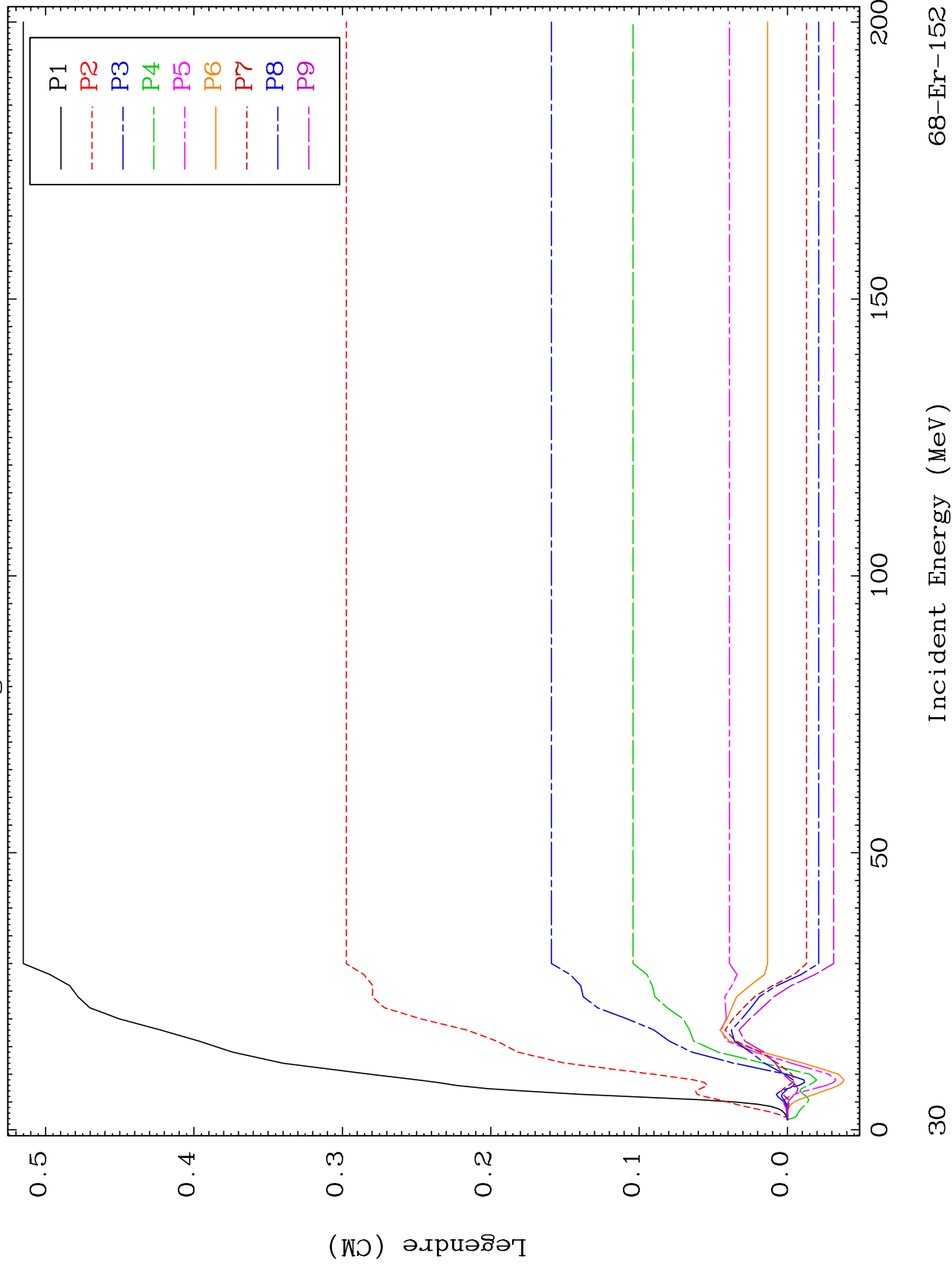
Incident Energy (MeV)

68-Er-152

MAT 6795

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

68-Er-152



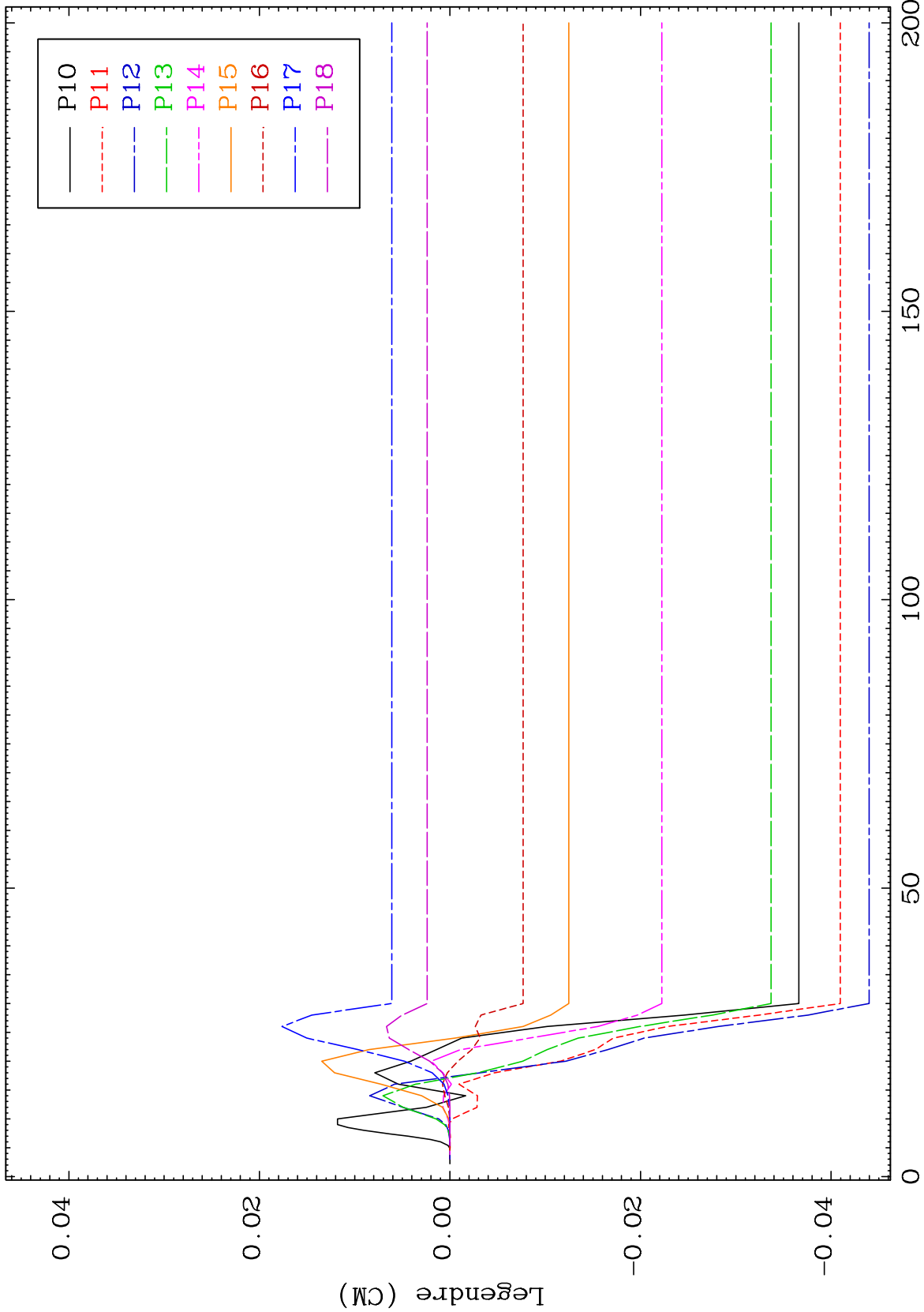
68-Er-152

Incident Energy (MeV)

MAT 6795

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

68-Er-152



31

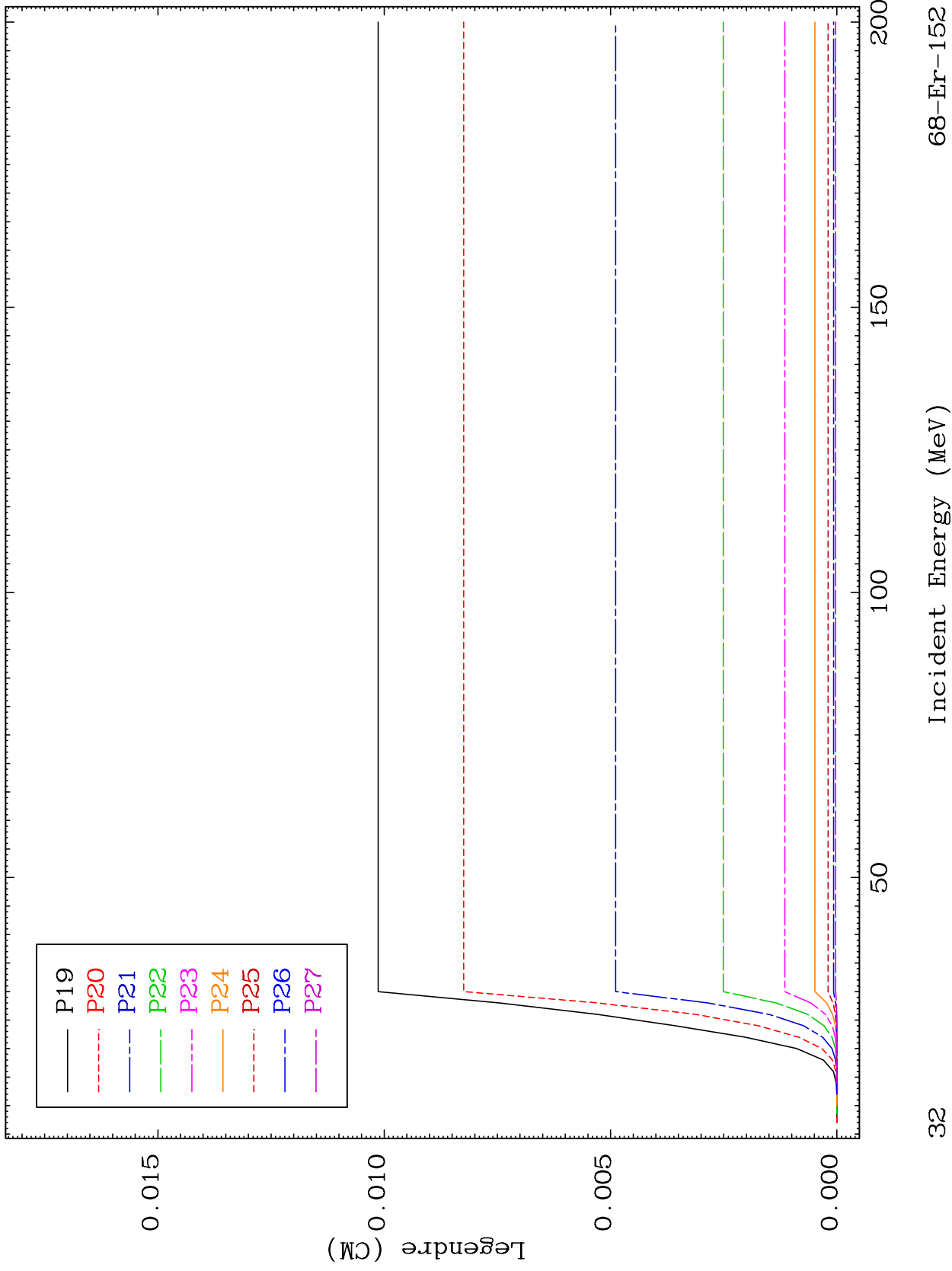
Incident Energy (MeV)

68-Er-152

MAT 6795

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

68-Er-152



32

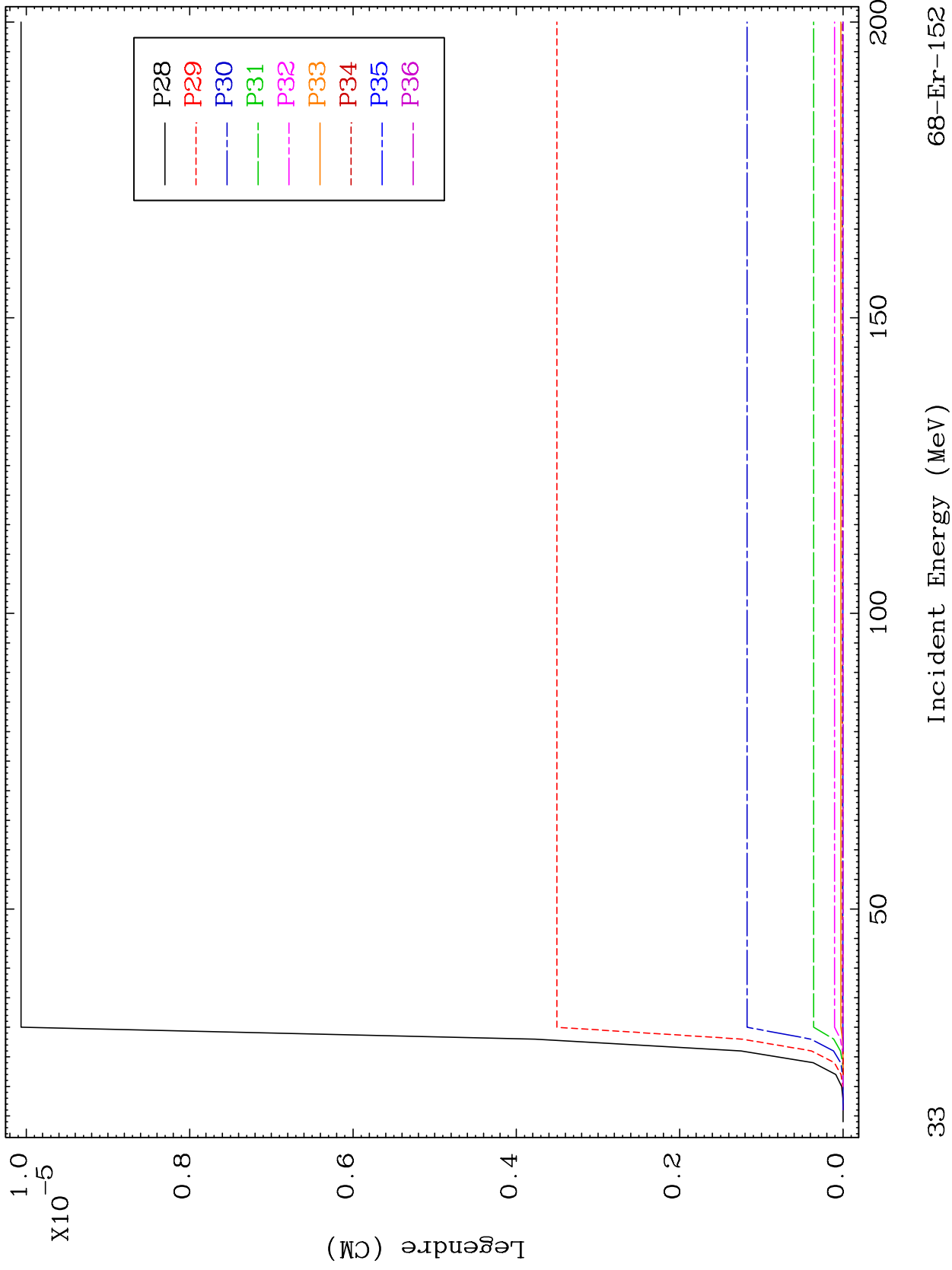
Incident Energy (MeV)

68-Er-152

MAT 6795

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

68-Er-152



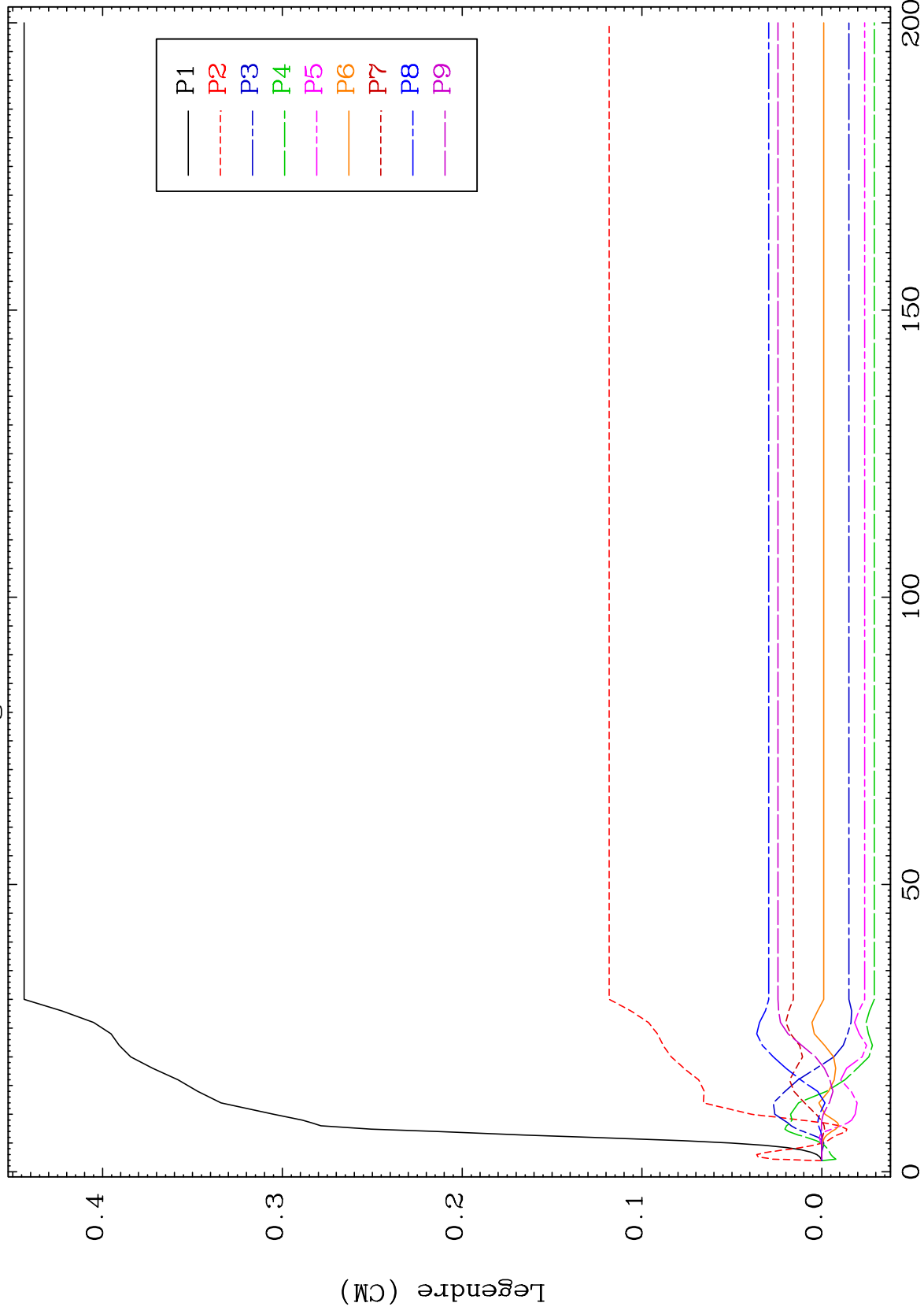
33

68-Er-152

MAT 6795

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

68-Er-152



34

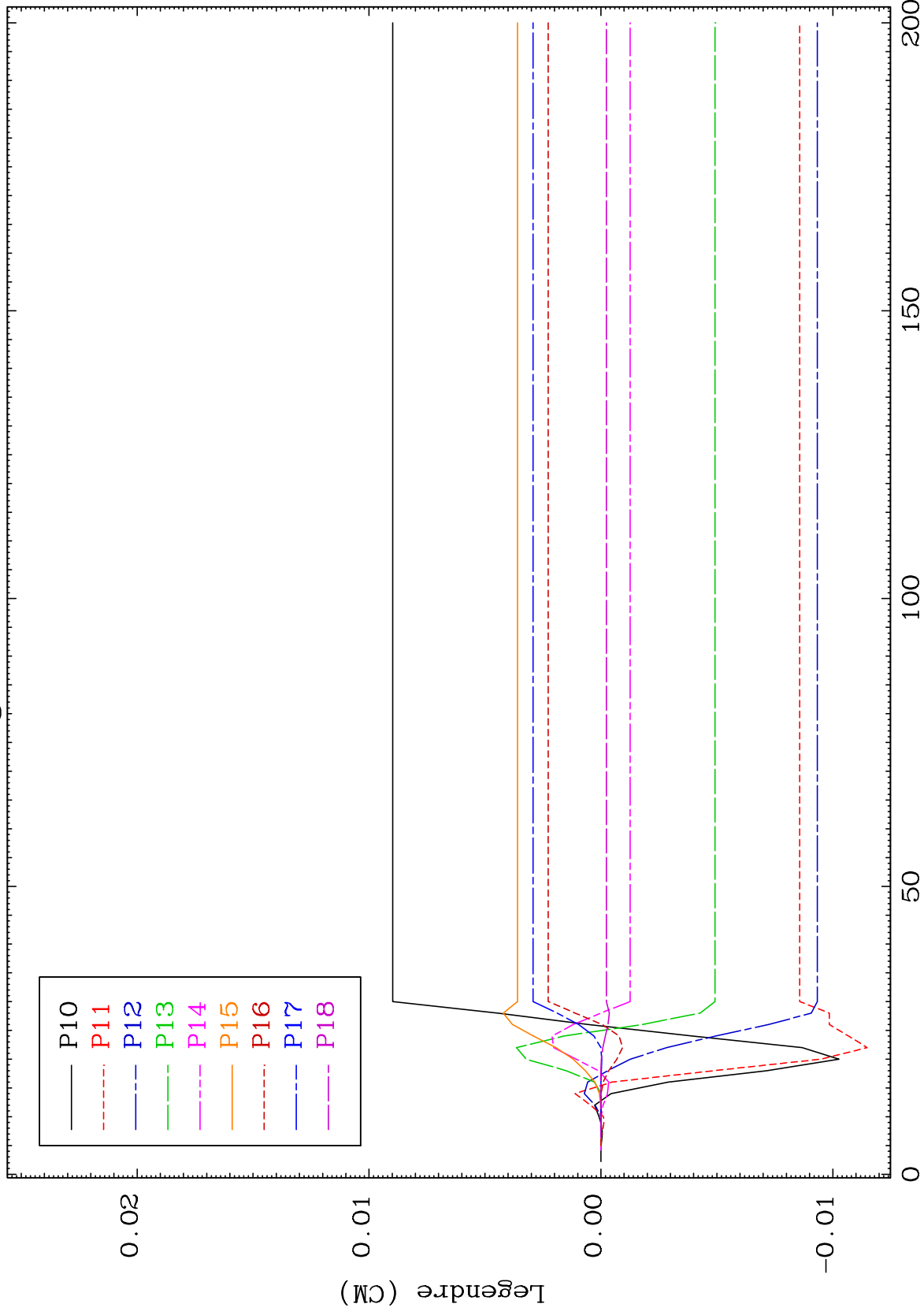
Incident Energy (MeV)

68-Er-152

MAT 6795

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

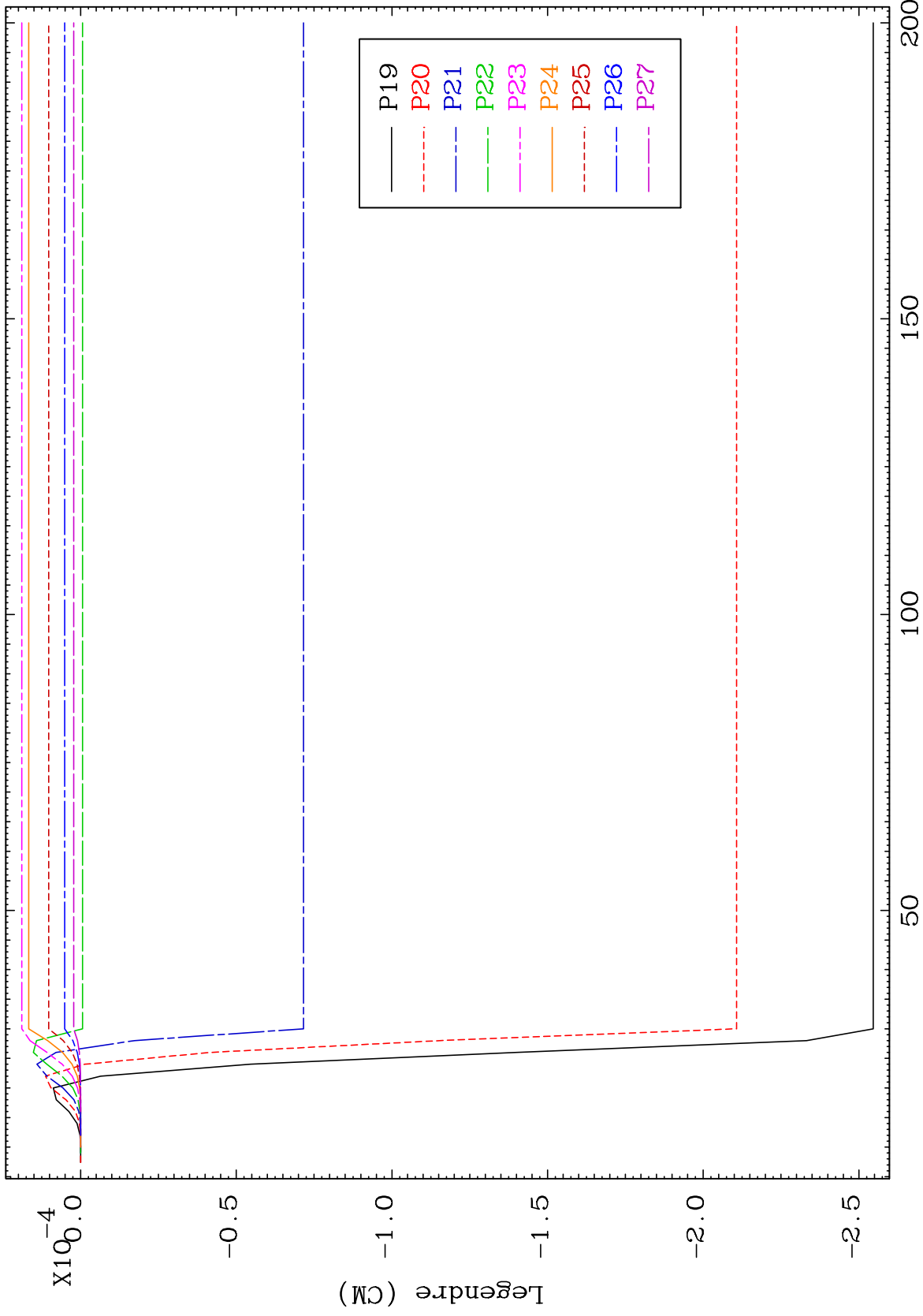
68-Er-152



35

Incident Energy (MeV)

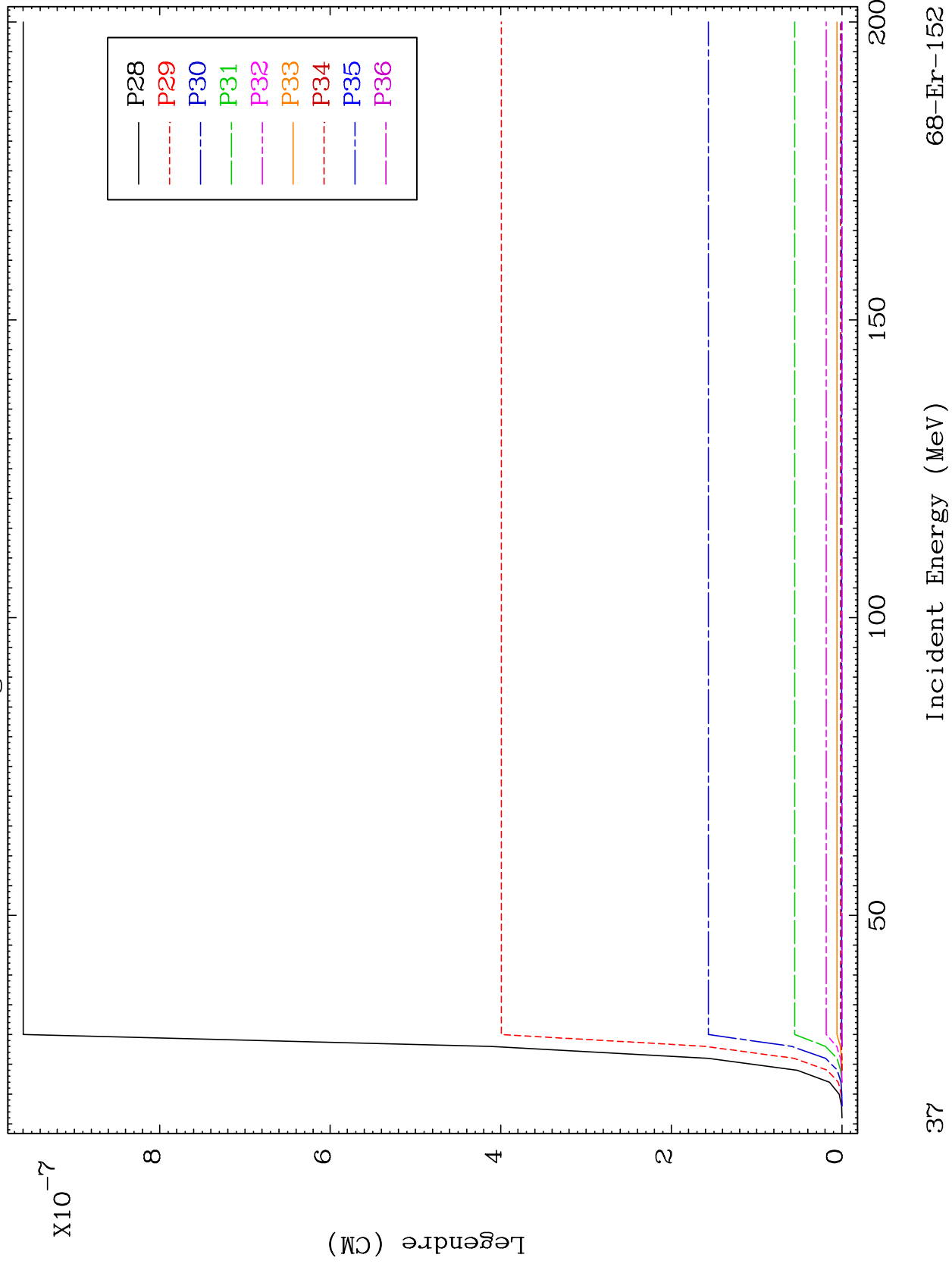
68-Er-152



MAT 6795

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

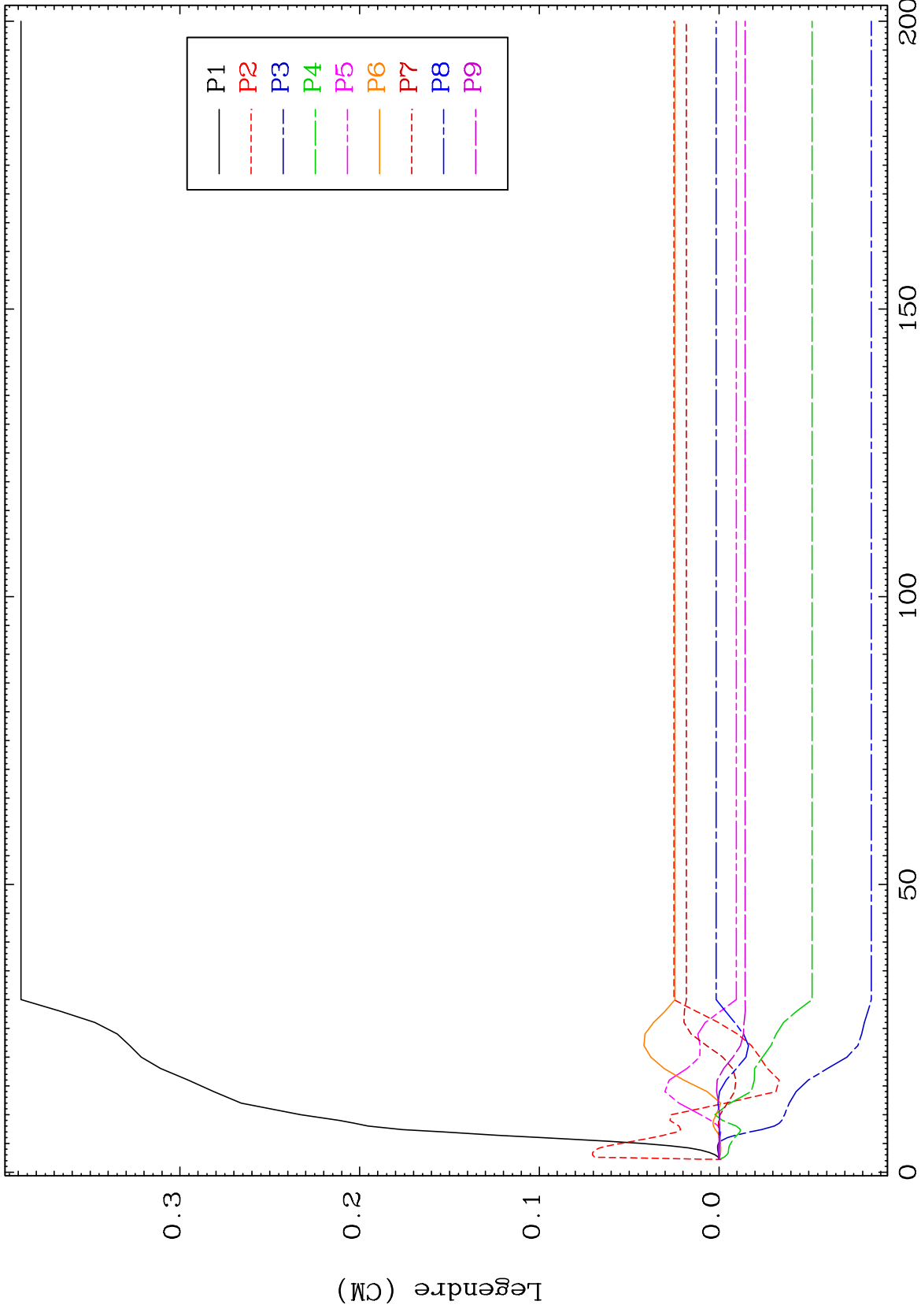
68-Er-152



MAT 6795

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

68-Er-152



38

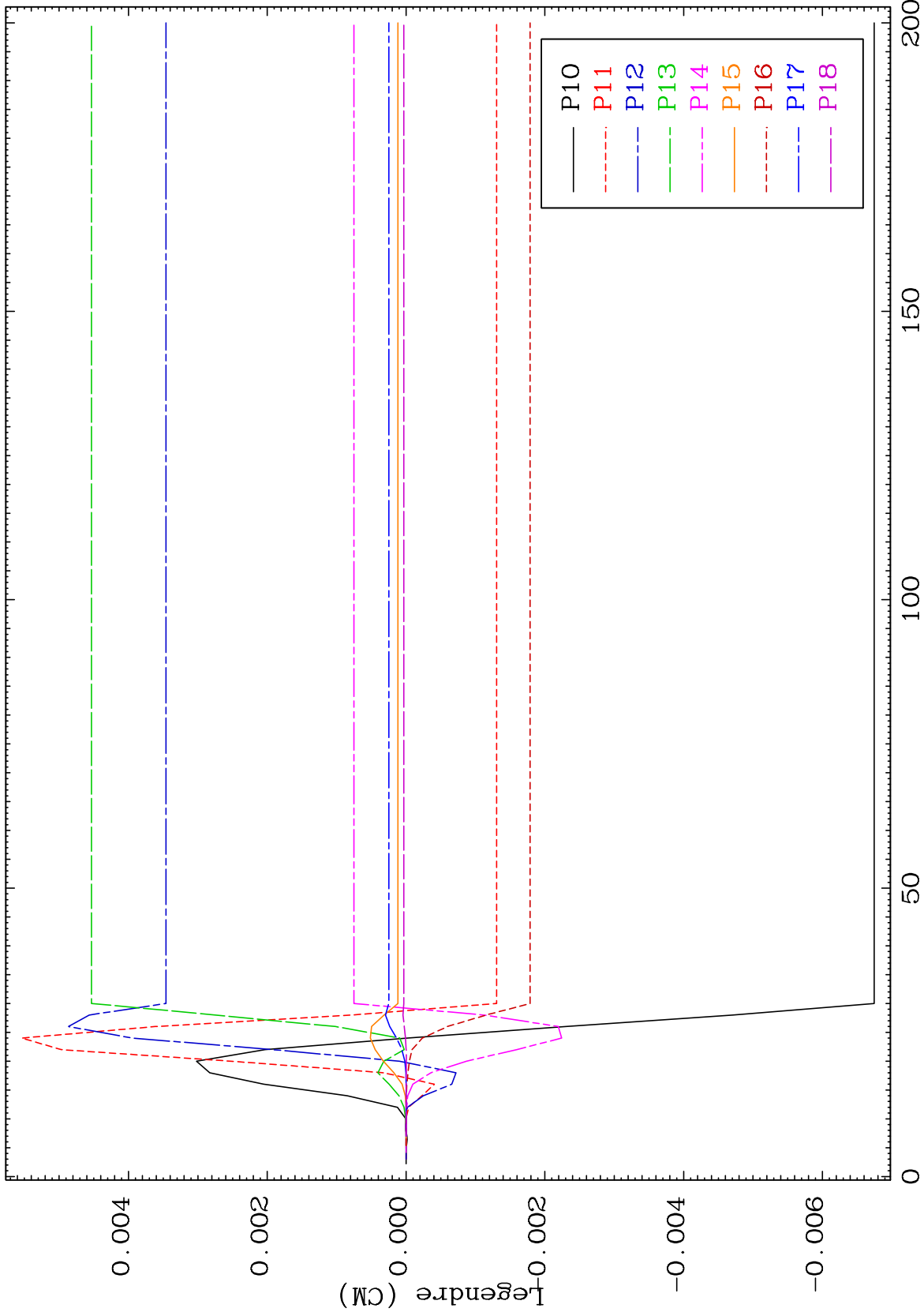
Incident Energy (MeV)

68-Er-152

MAT 6795

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

68-Er-152



39

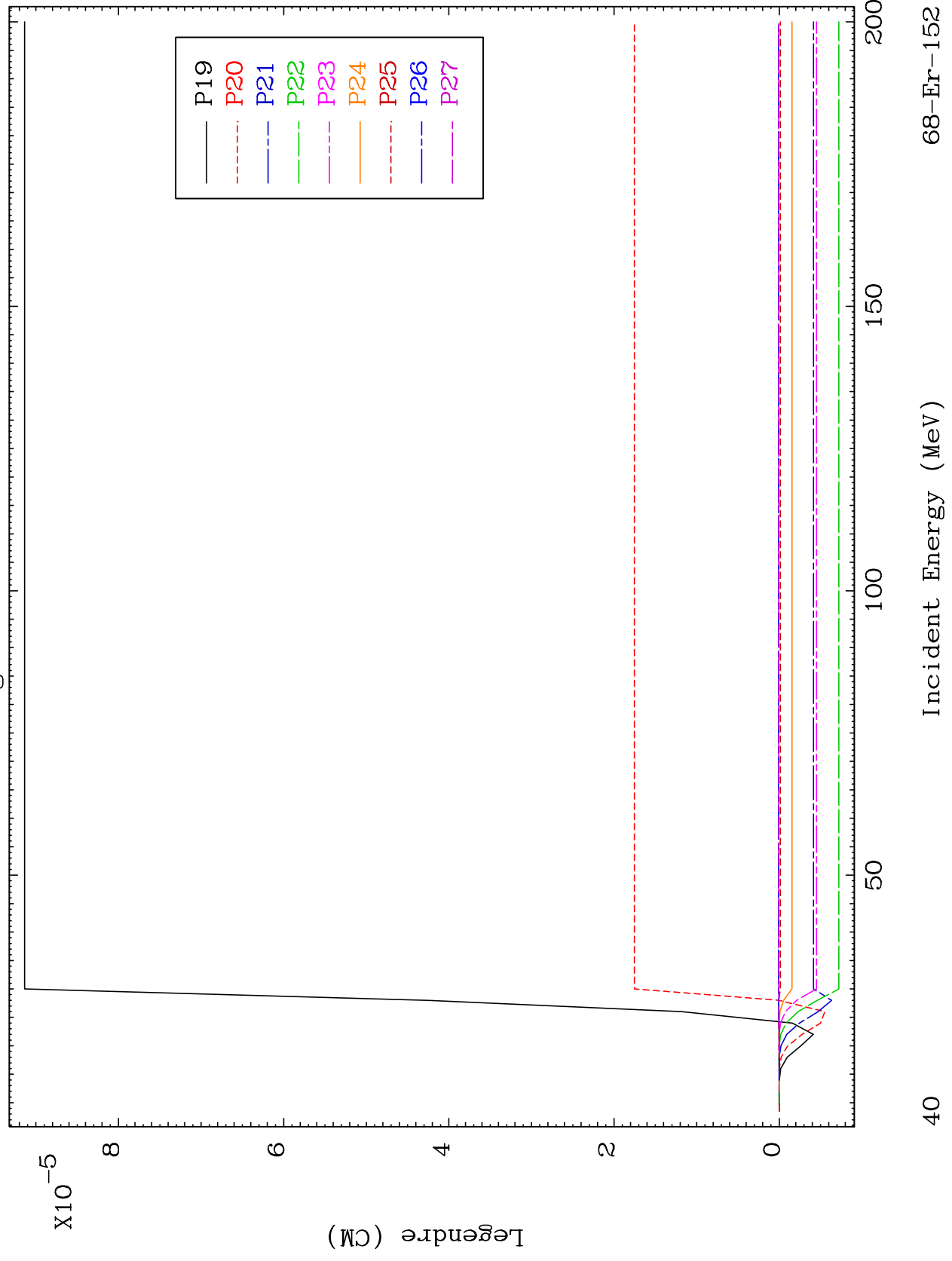
Incident Energy (MeV)

68-Er-152

MAT 6795

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

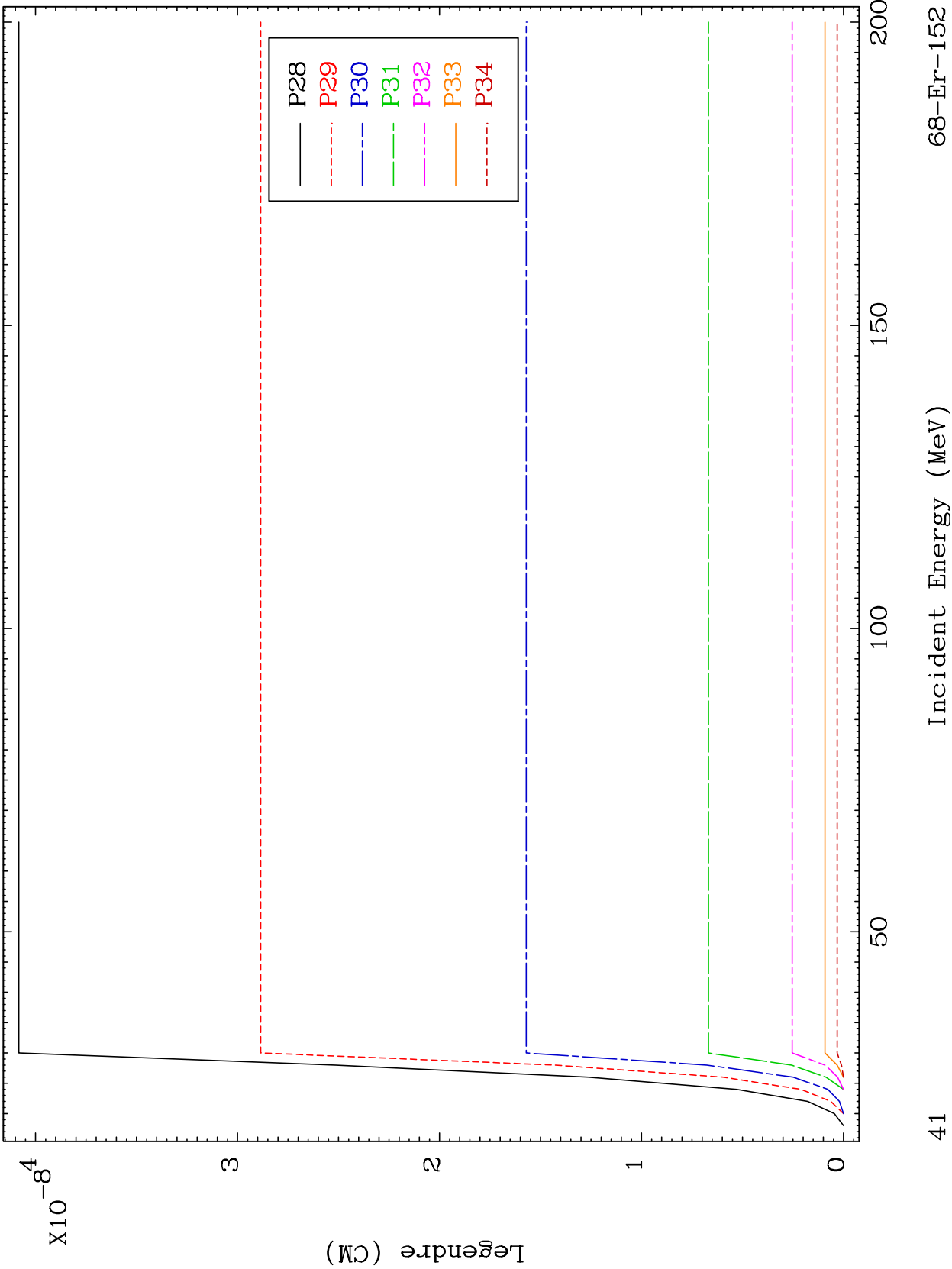
68-Er-152



MAT 6795

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

68-Er-152



41

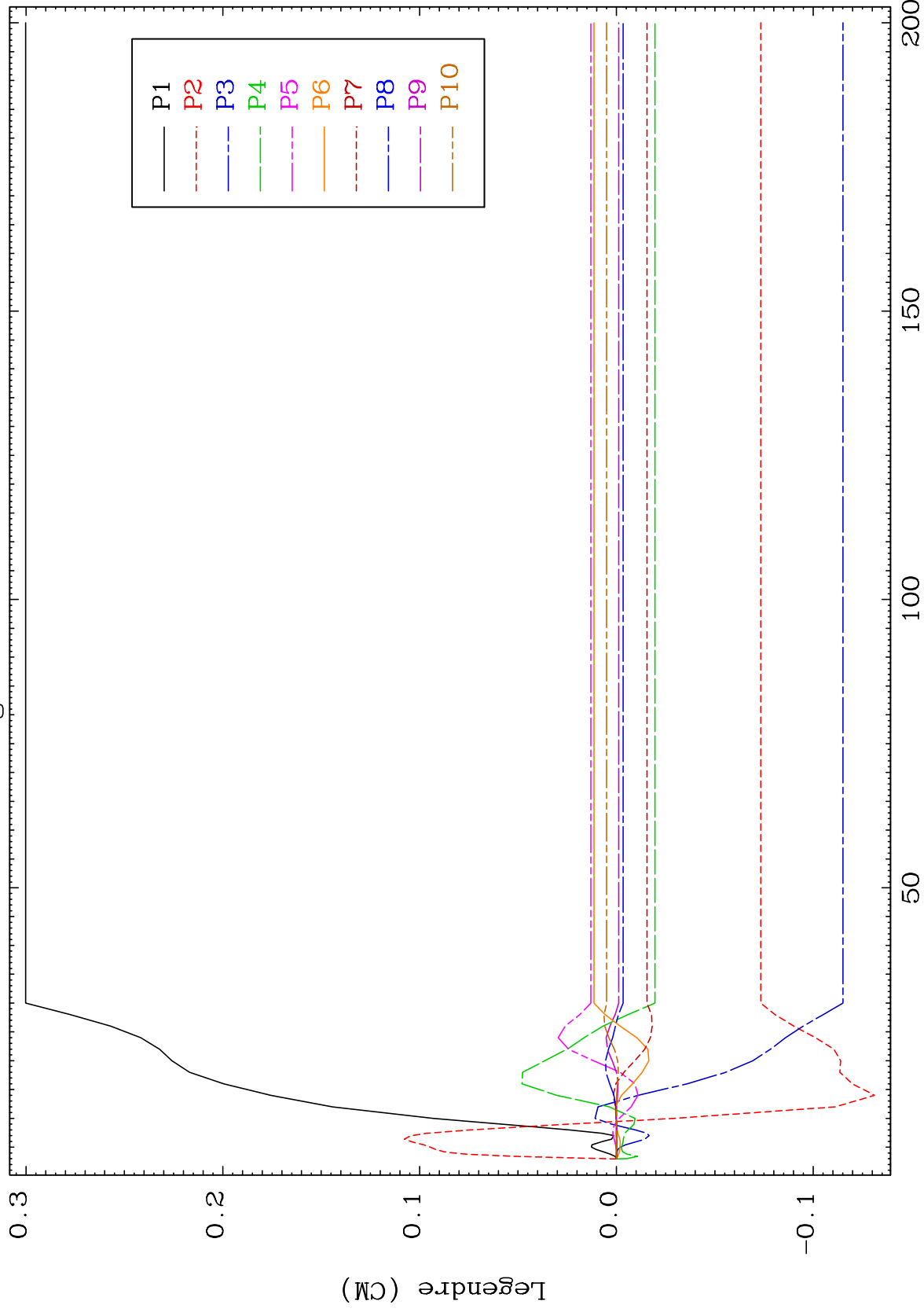
Incident Energy (MeV)

68-Er-152

MAT 6795

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

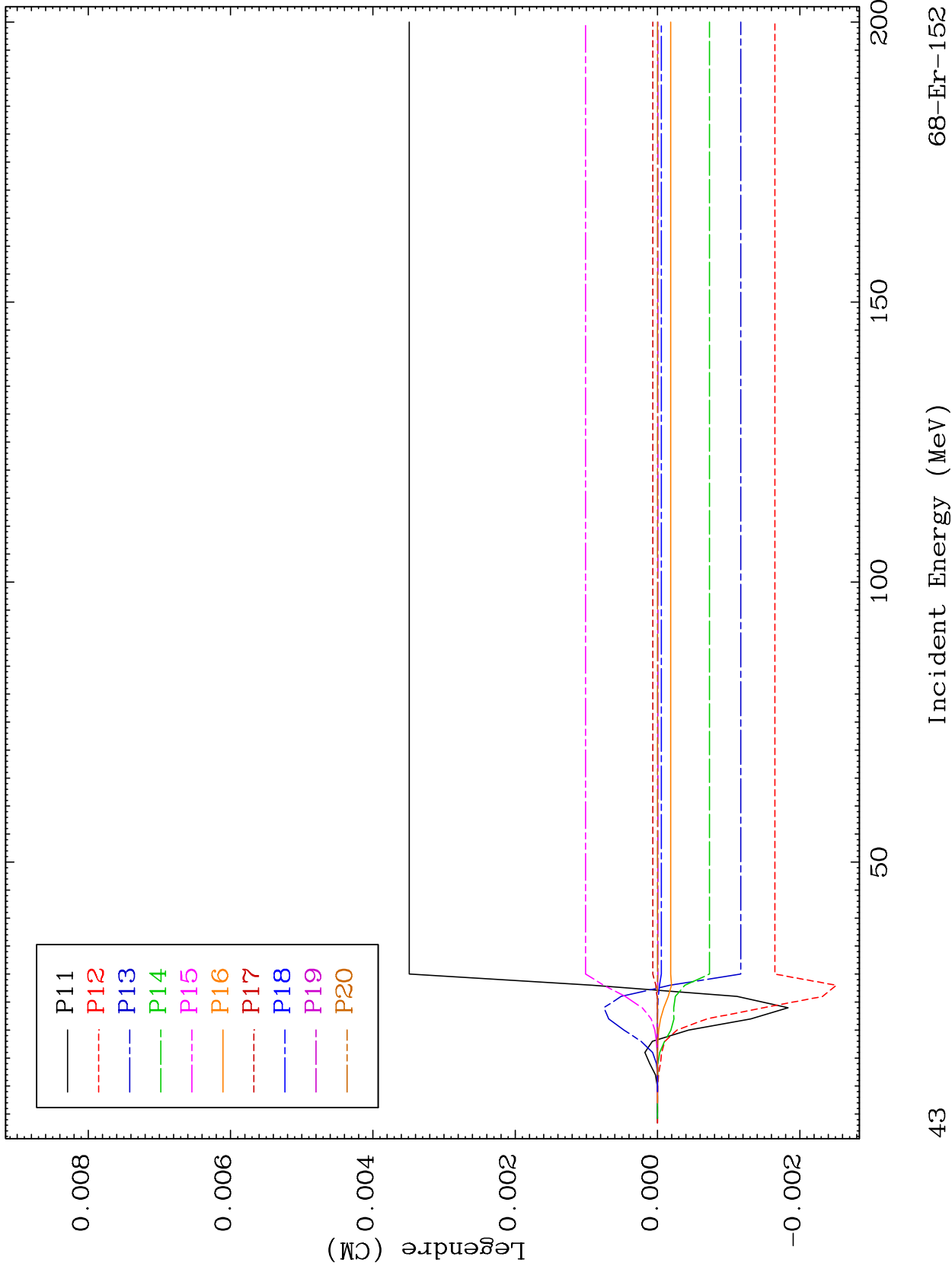
68-Er-152



42

Incident Energy (MeV)

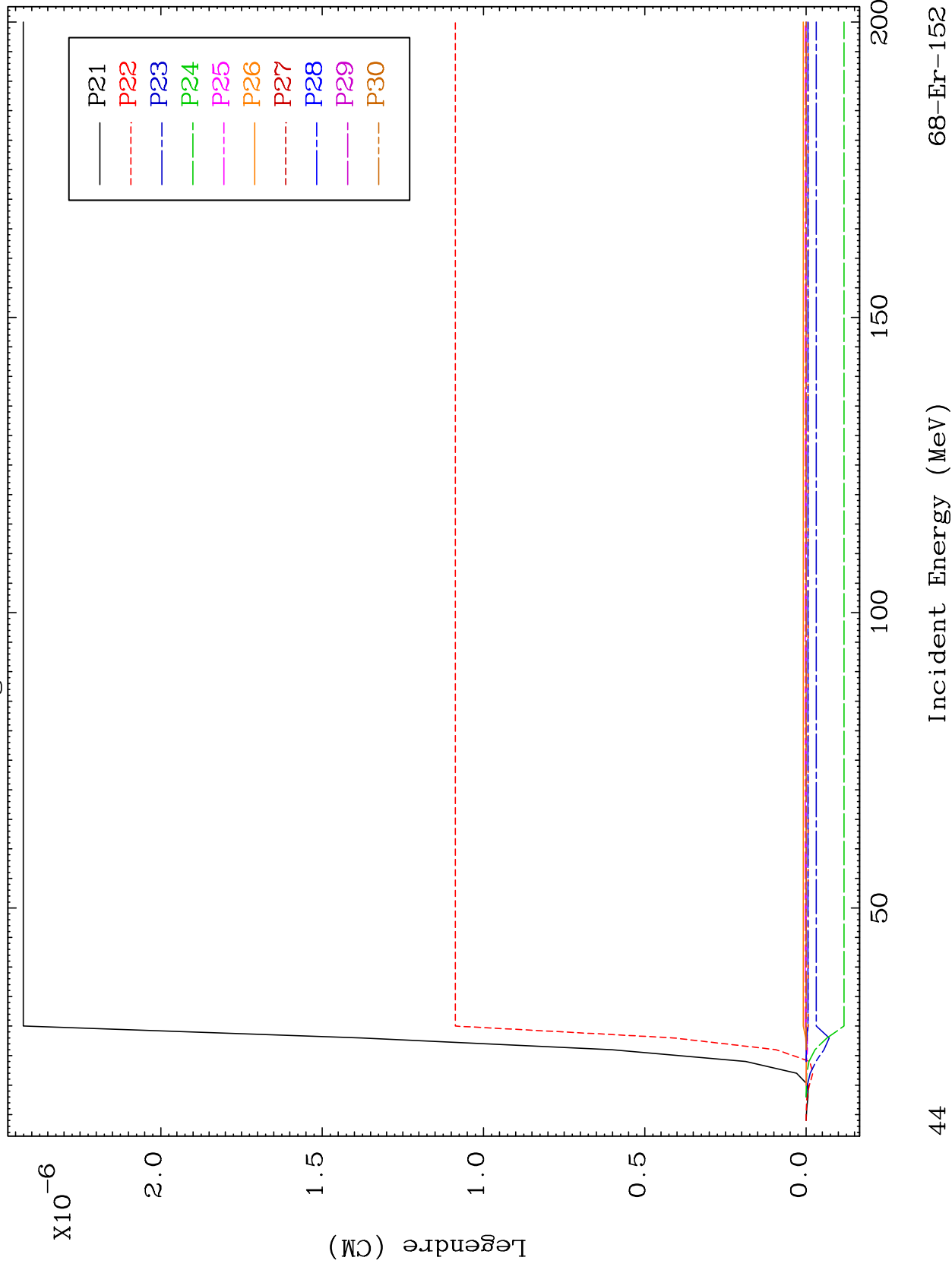
68-Er-152



MAT 6795

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

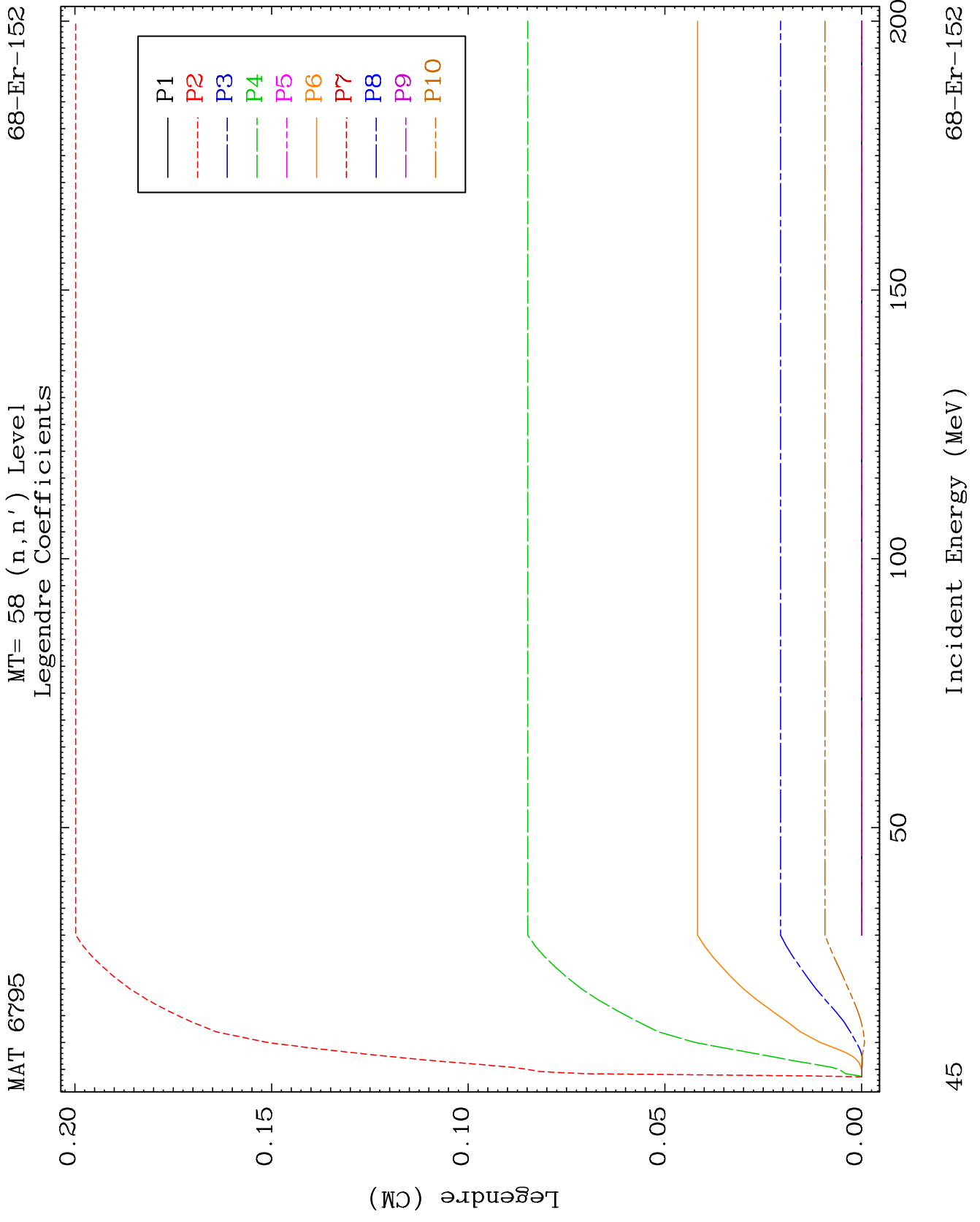
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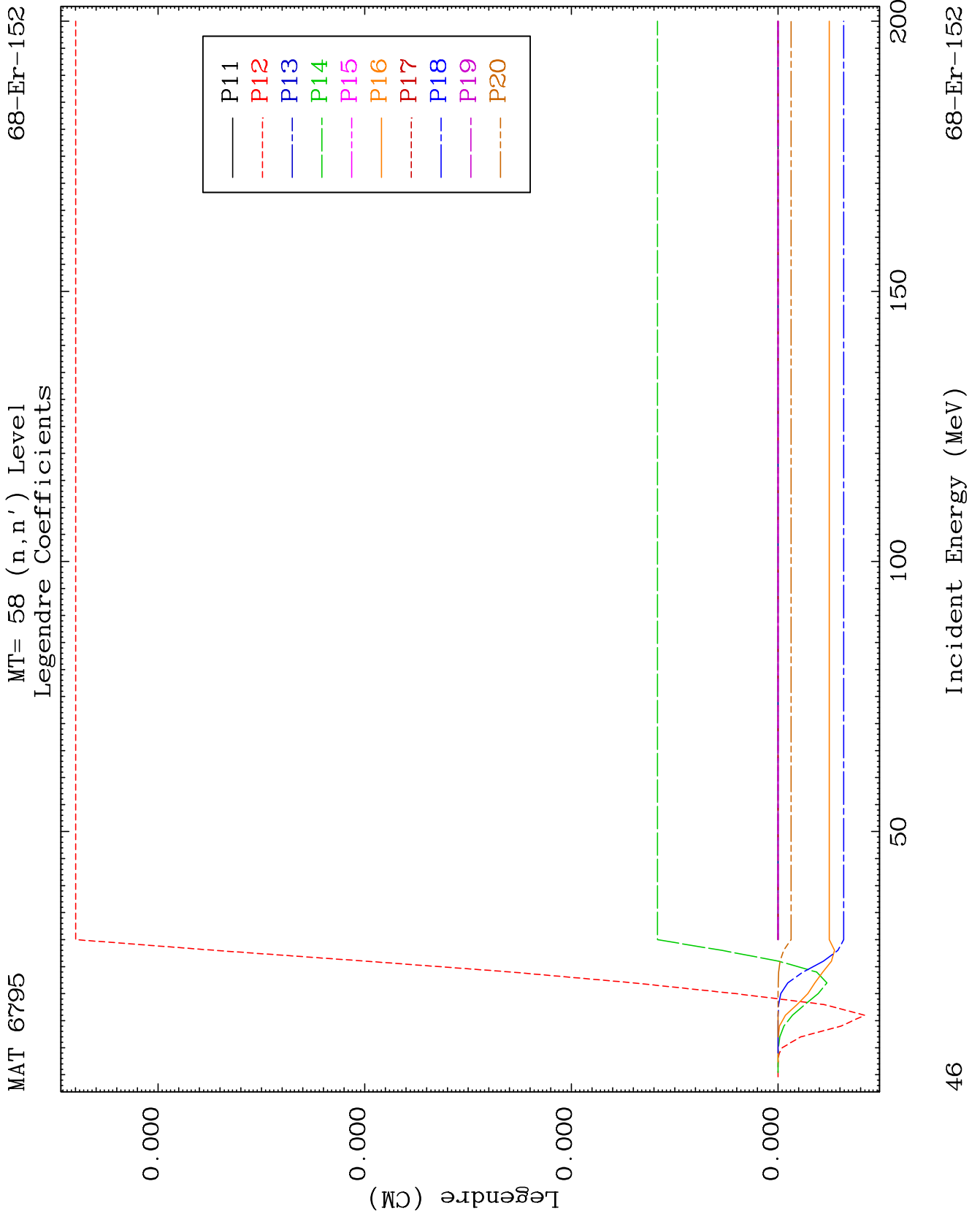


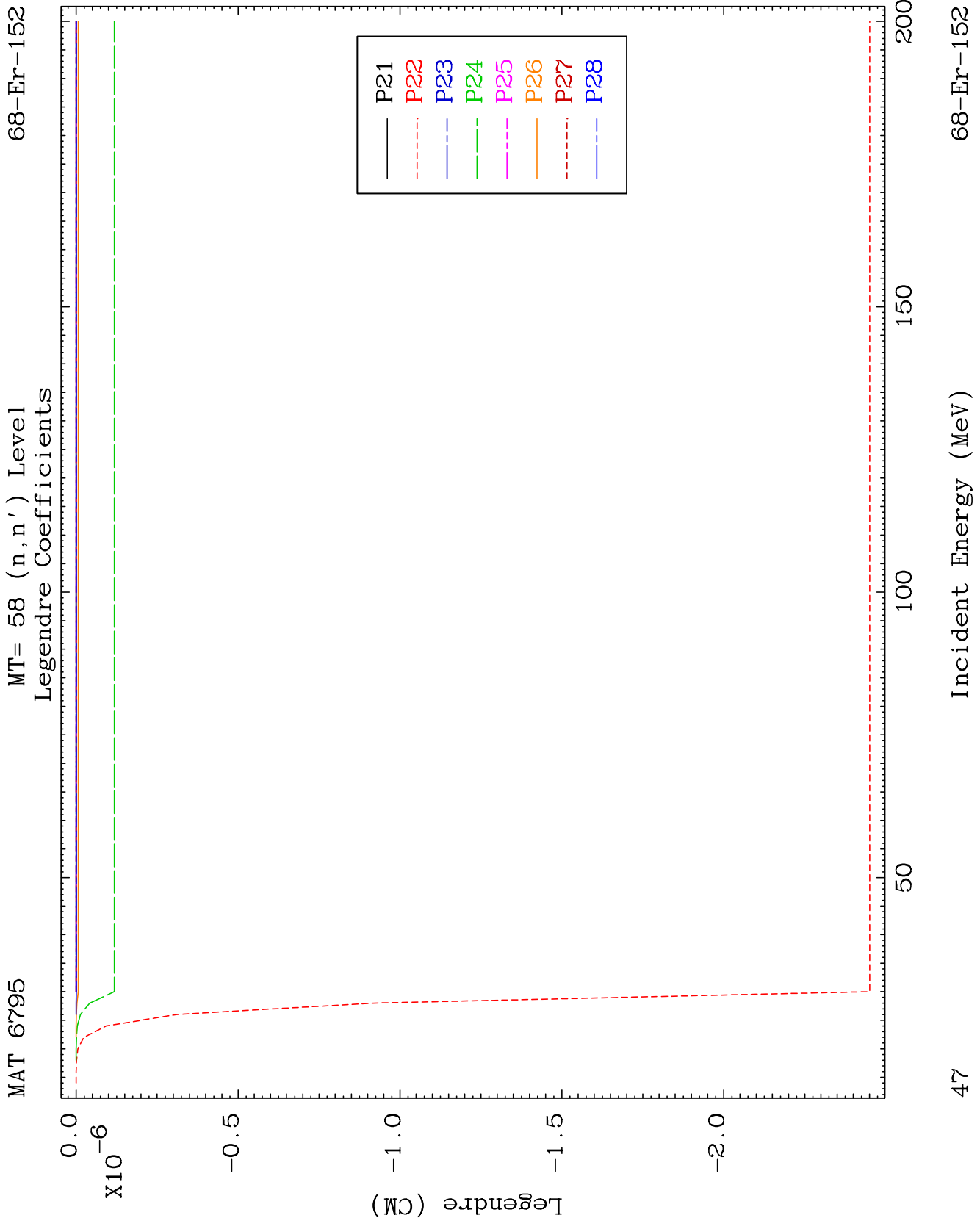
44

Incident Energy (MeV)

68-Er-152





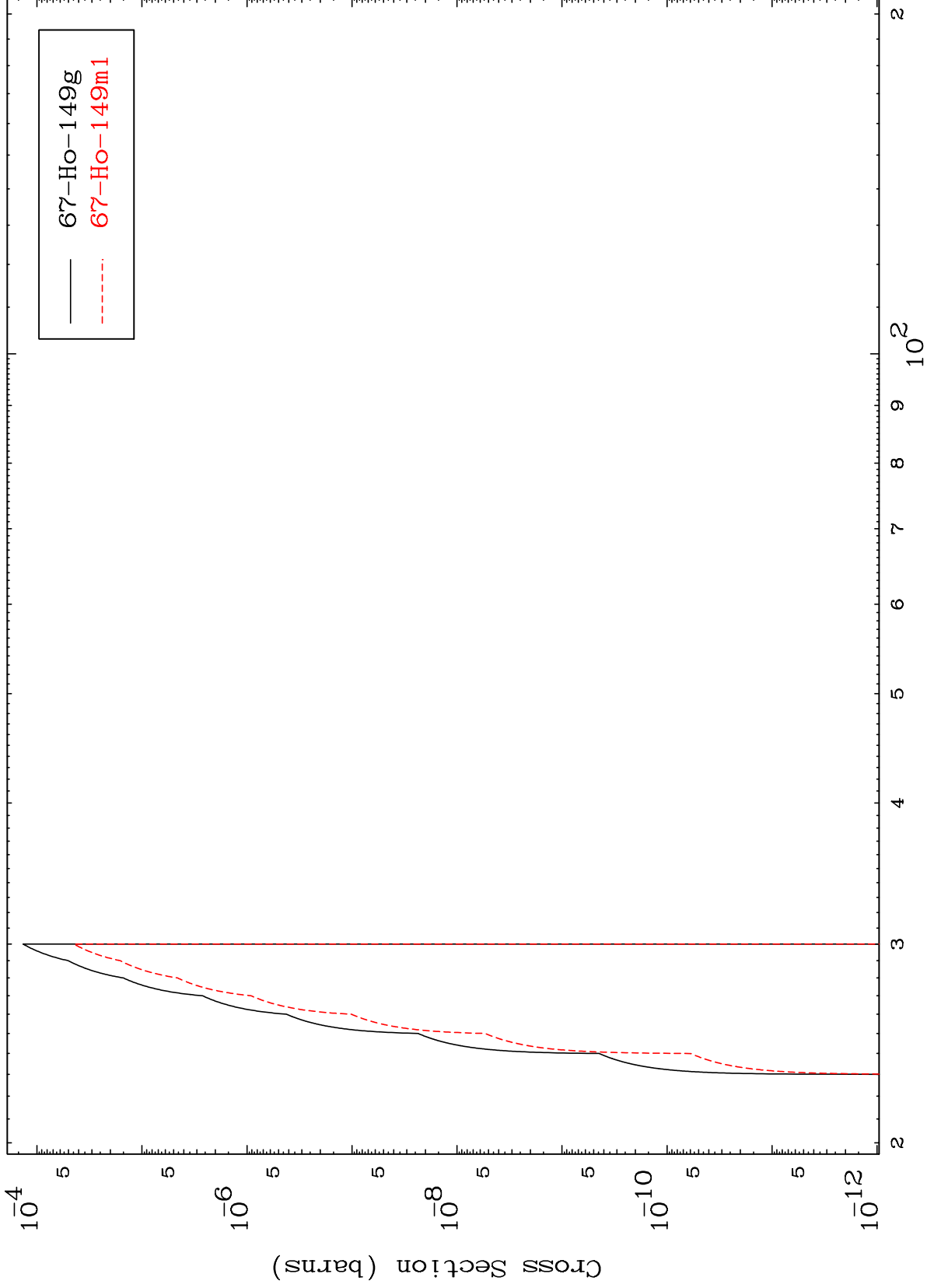


MAT 6795

(n,2n) d

68-Er-152

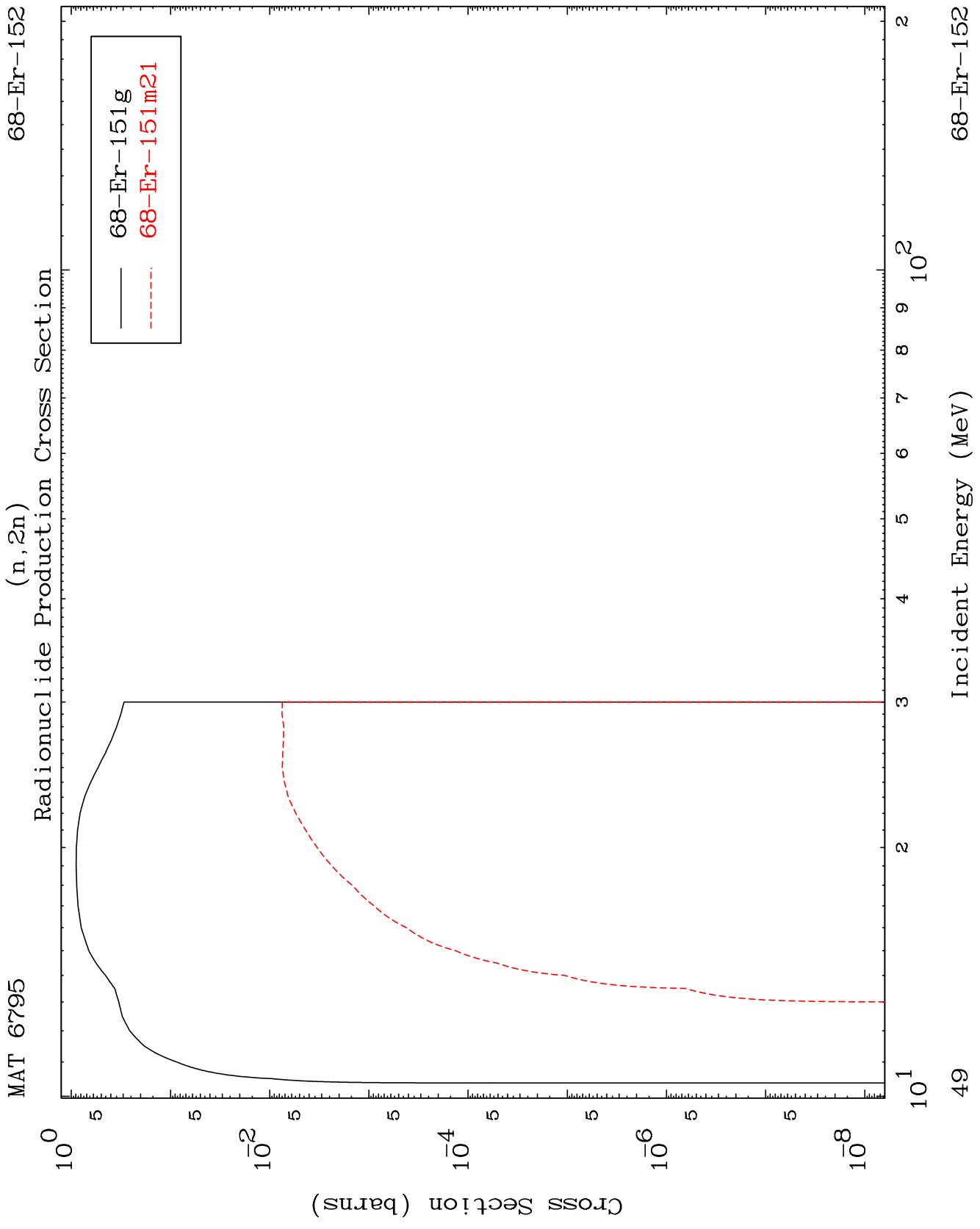
Radionuclide Production Cross Section



48

Incident Energy (MeV)

68-Er-152

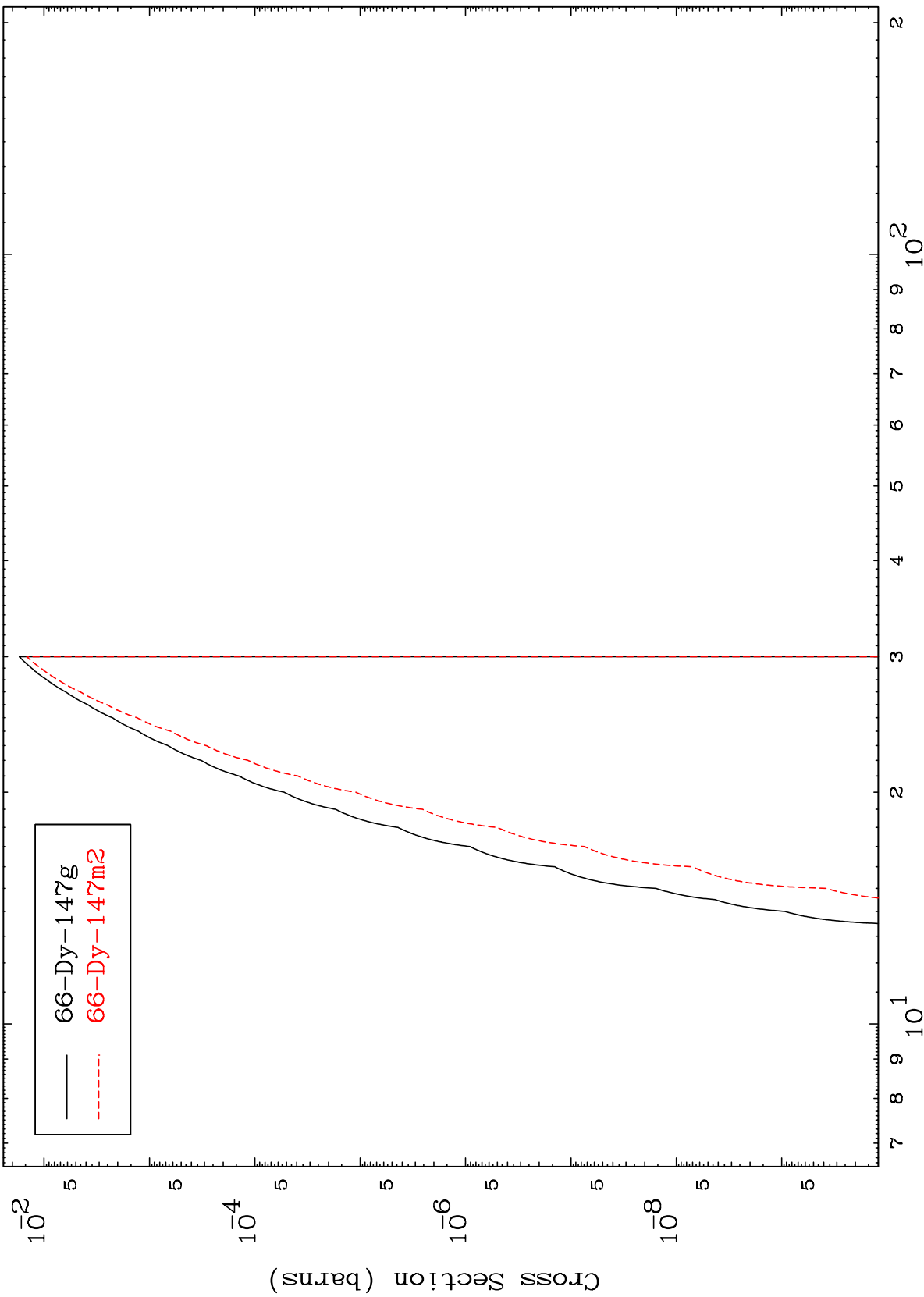


MAT 6795

(n,2n) α

68-Er-152

Radionuclide Production Cross Section

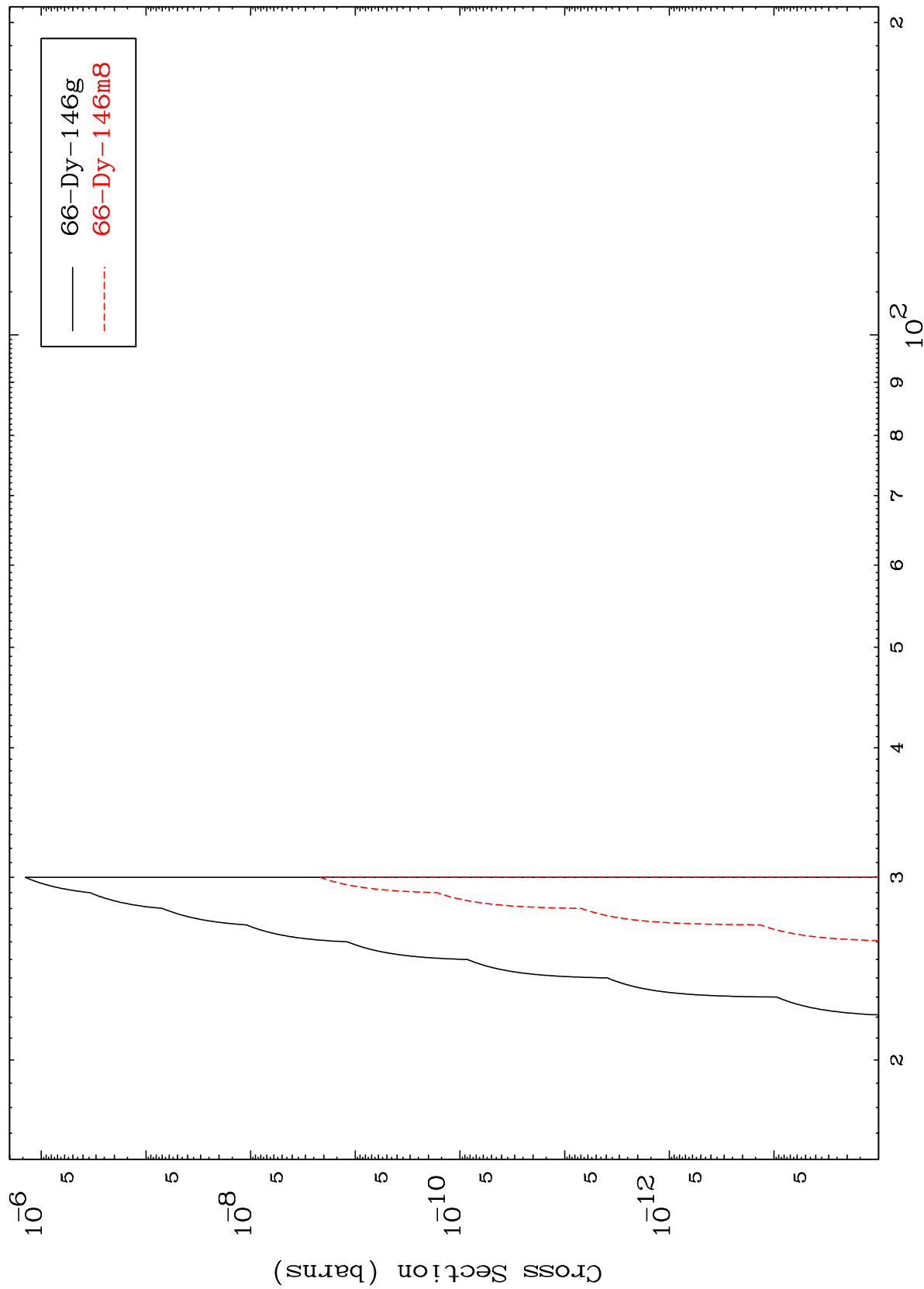


50

Incident Energy (MeV)

68-Er-152

Radionuclide Production Cross Section

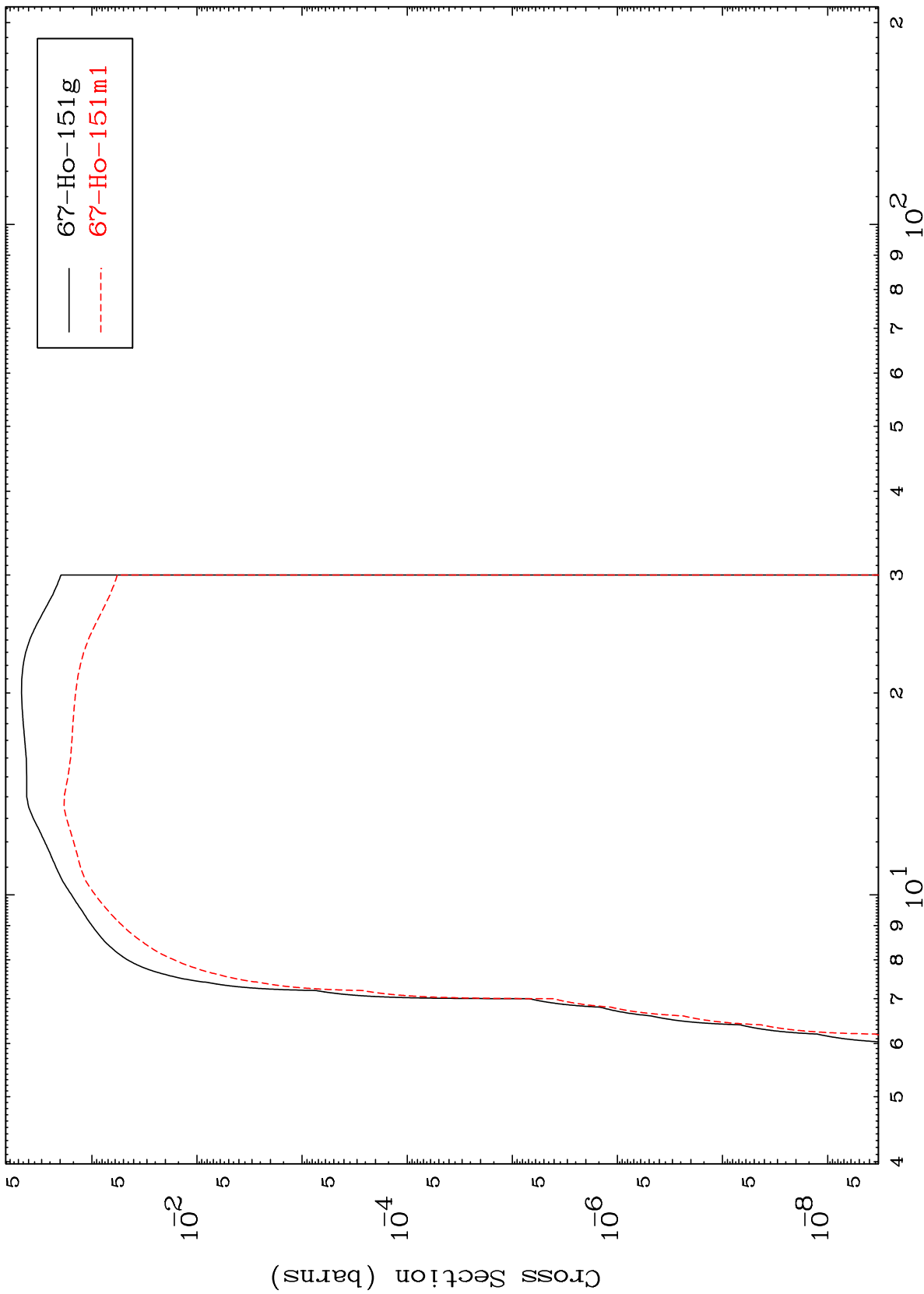


MAT 6795

(n,n') p

68-Er-152

Radionuclide Production Cross Section



52

Incident Energy (MeV)

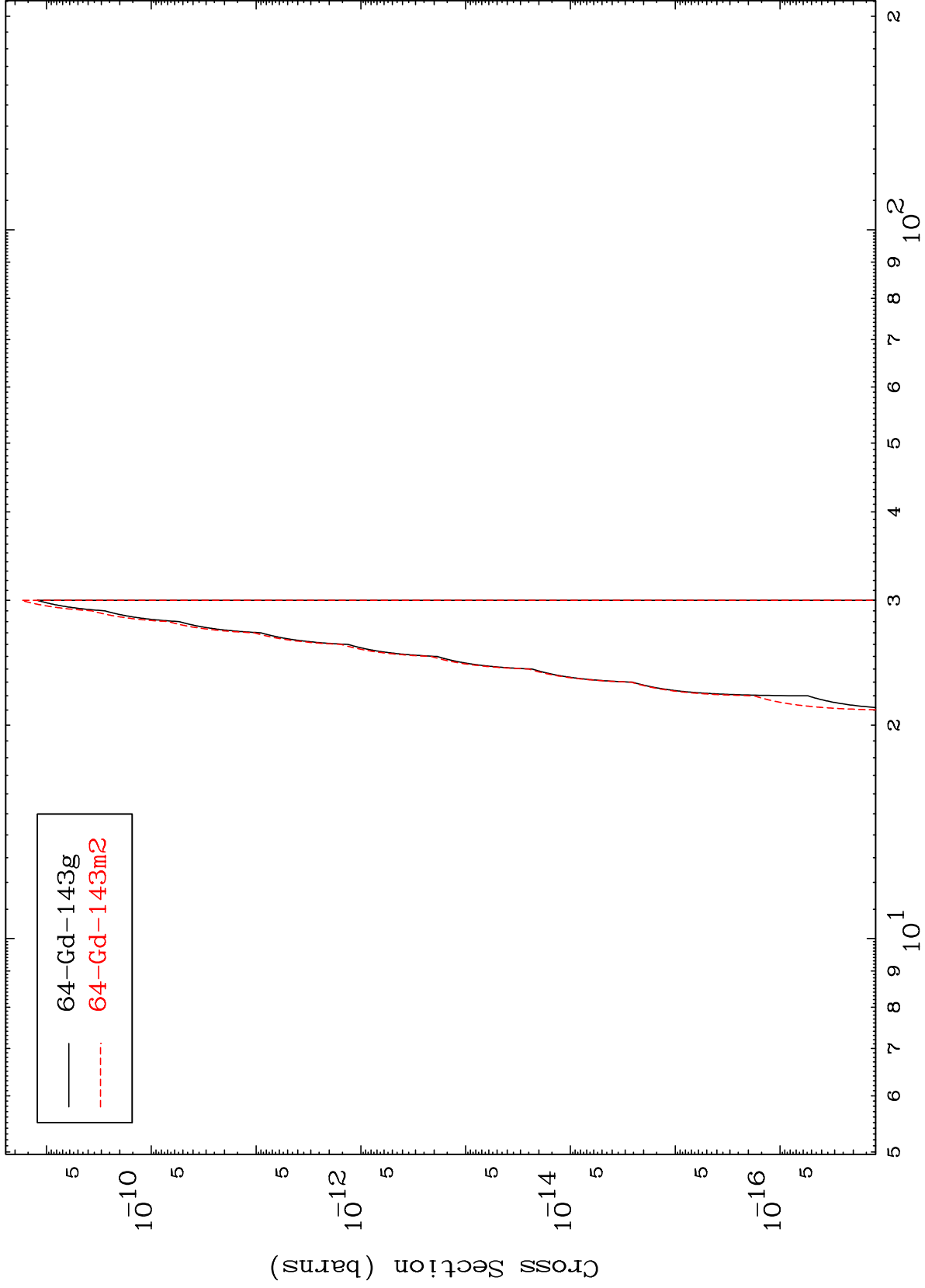
68-Er-152

MAT 6795

$(n,2n) 2\alpha$

68-Er-152

Radionuclide Production Cross Section

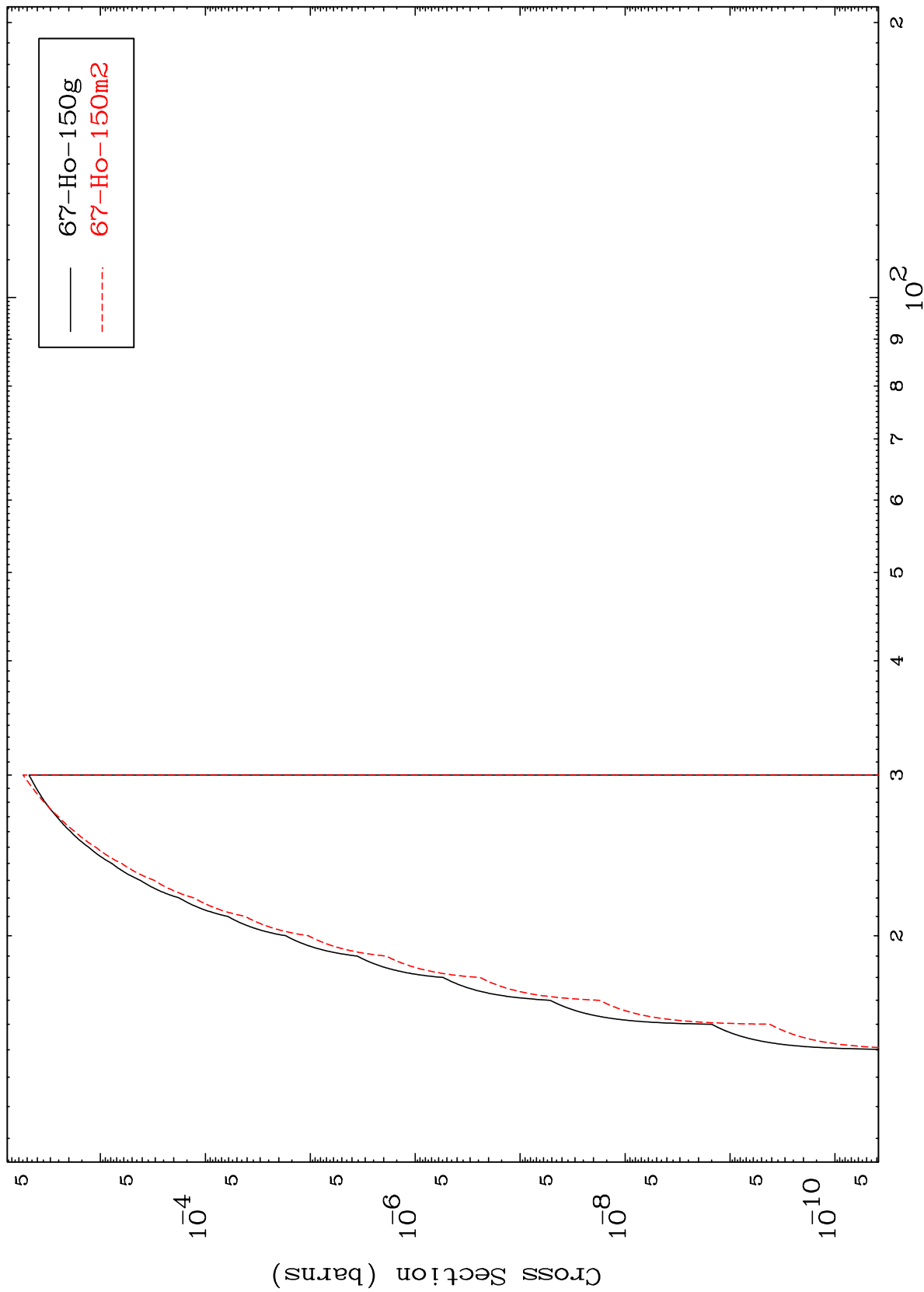


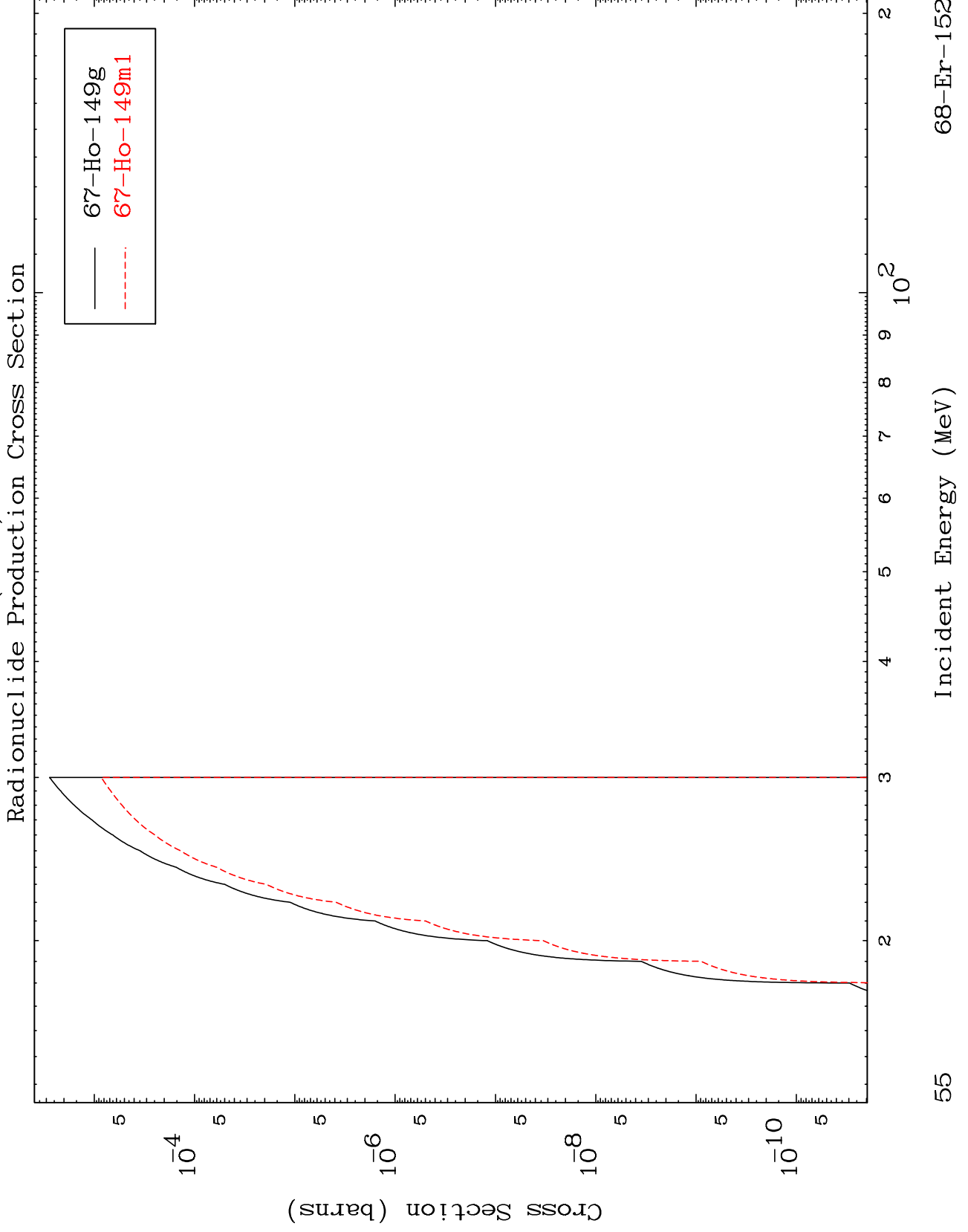
53

Incident Energy (MeV)

68-Er-152

Radionuclide Production Cross Section



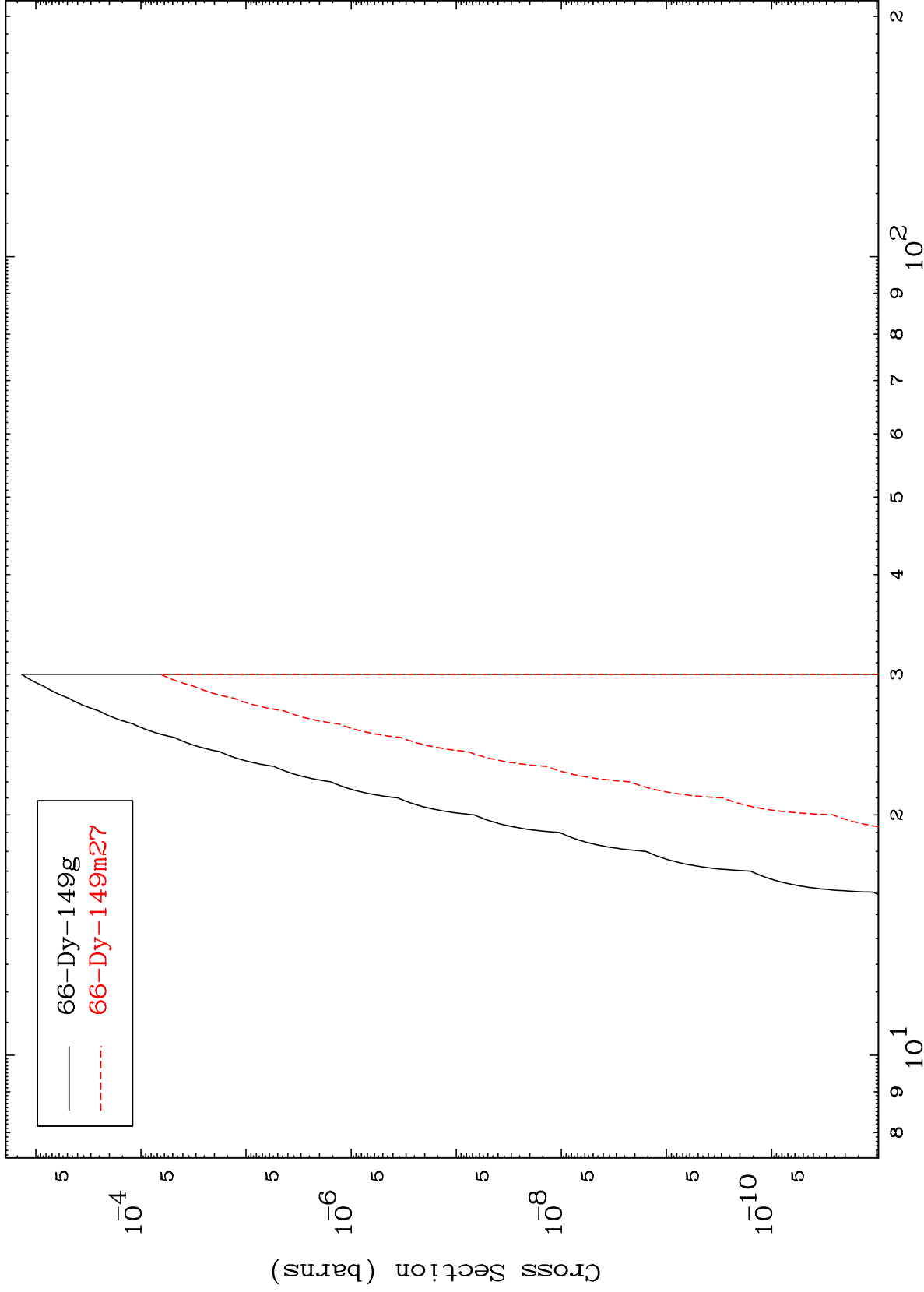


MAT 6795

(n,n') He-3

68-Er-152

Radionuclide Production Cross Section

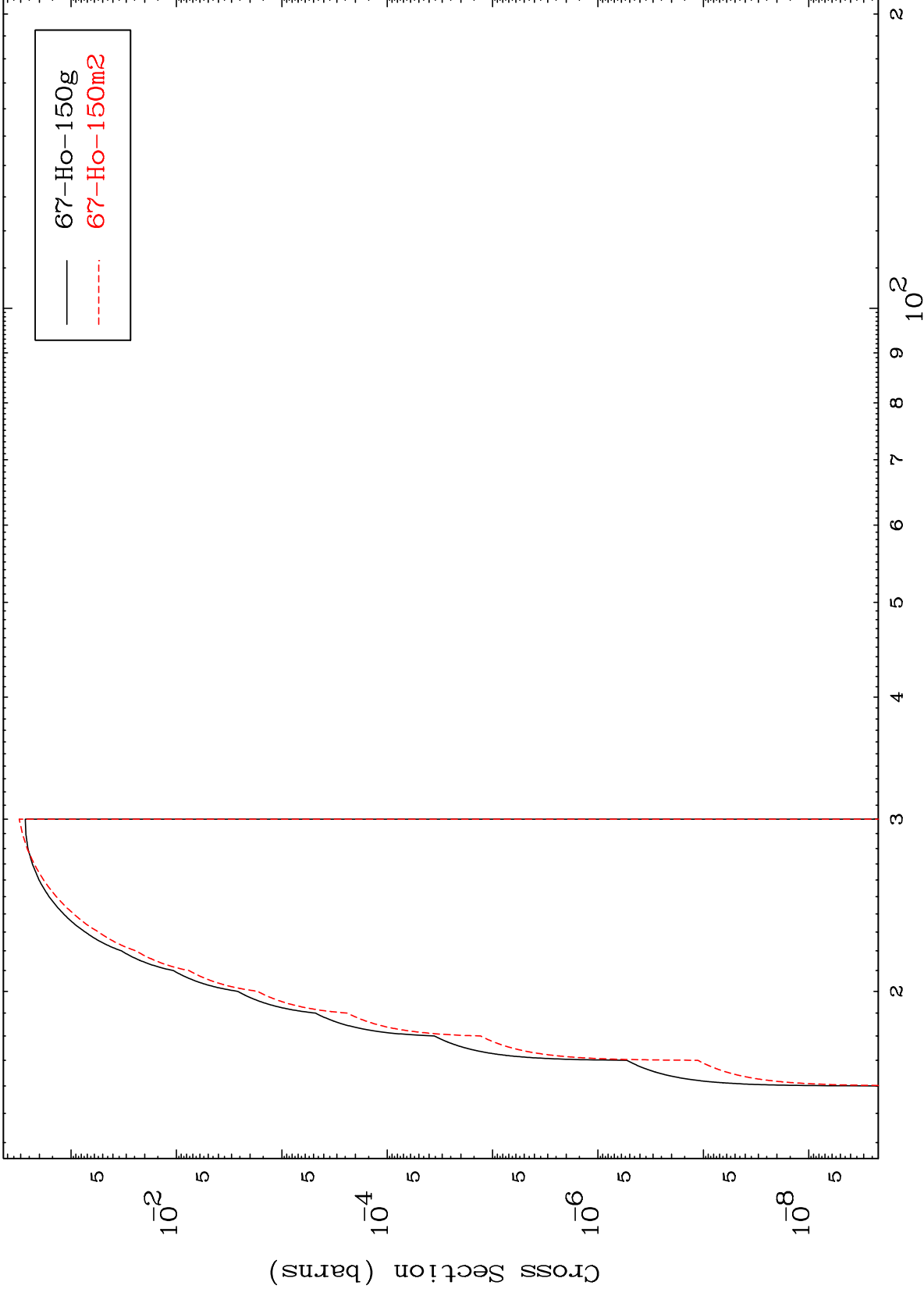


56

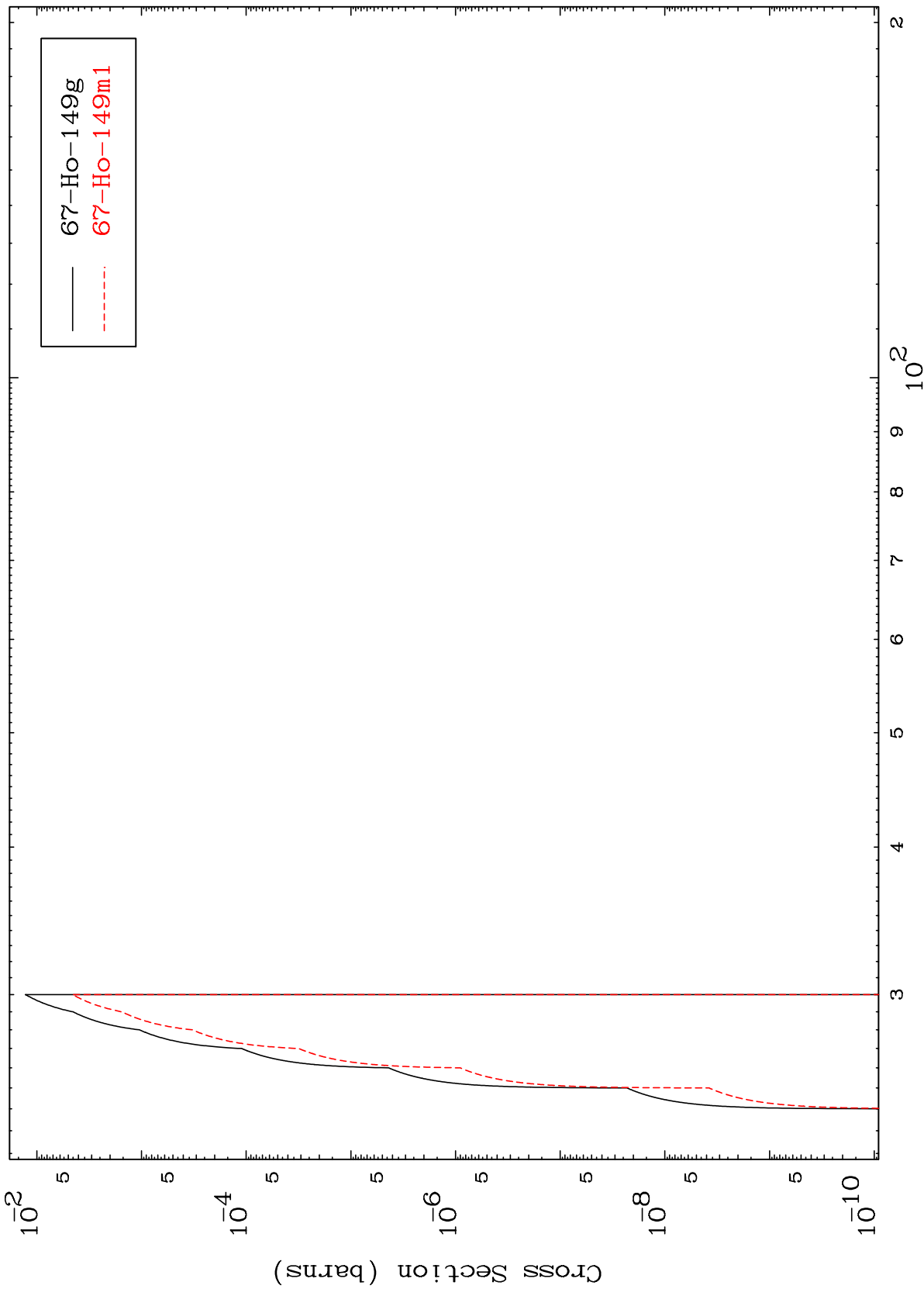
Incident Energy (MeV)

68-Er-152

Radionuclide Production Cross Section



Radionuclide Production Cross Section

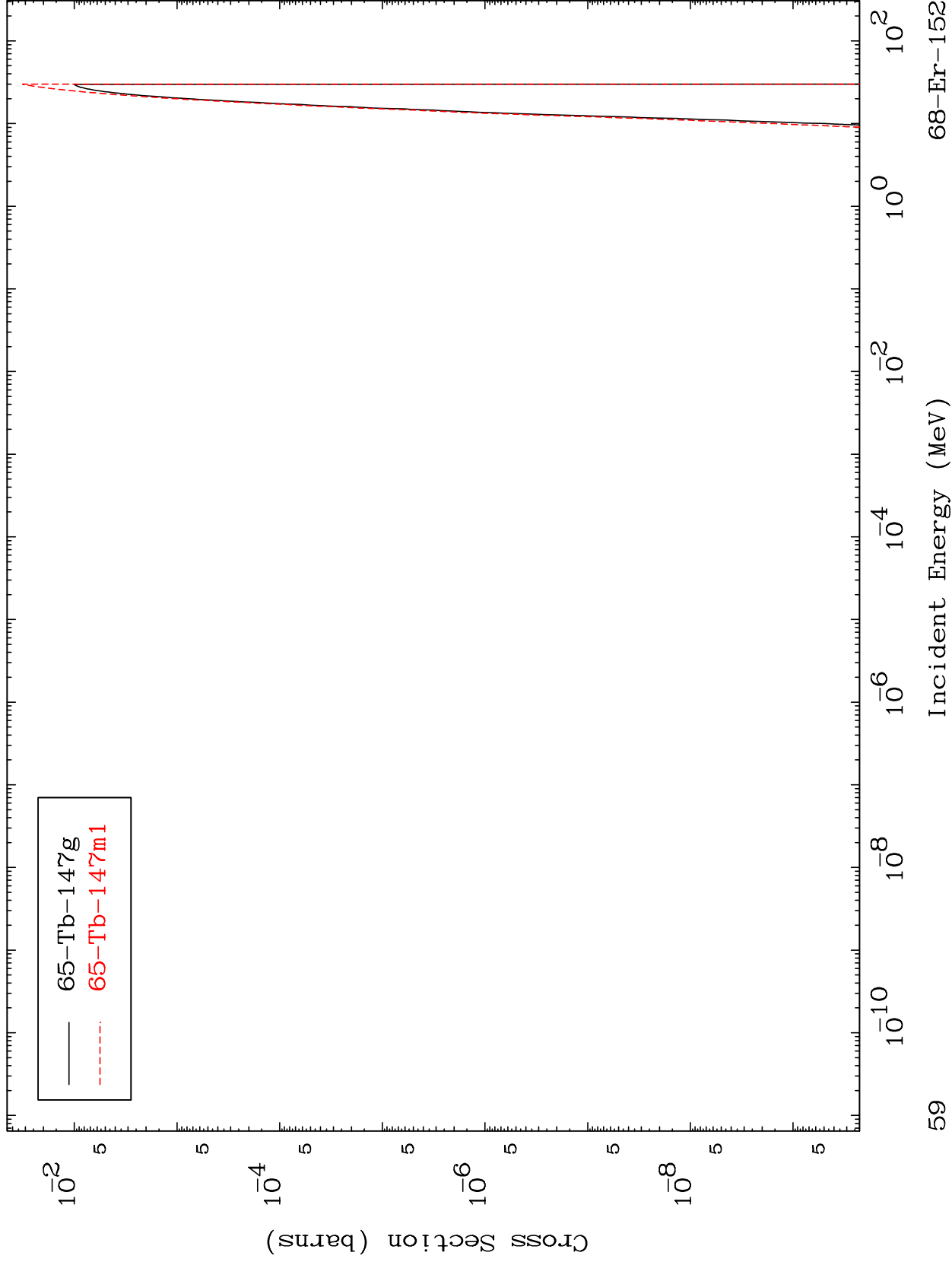


MAT 6795

(n,n') p α

68-Er-152

Radionuclide Production Cross Section



59

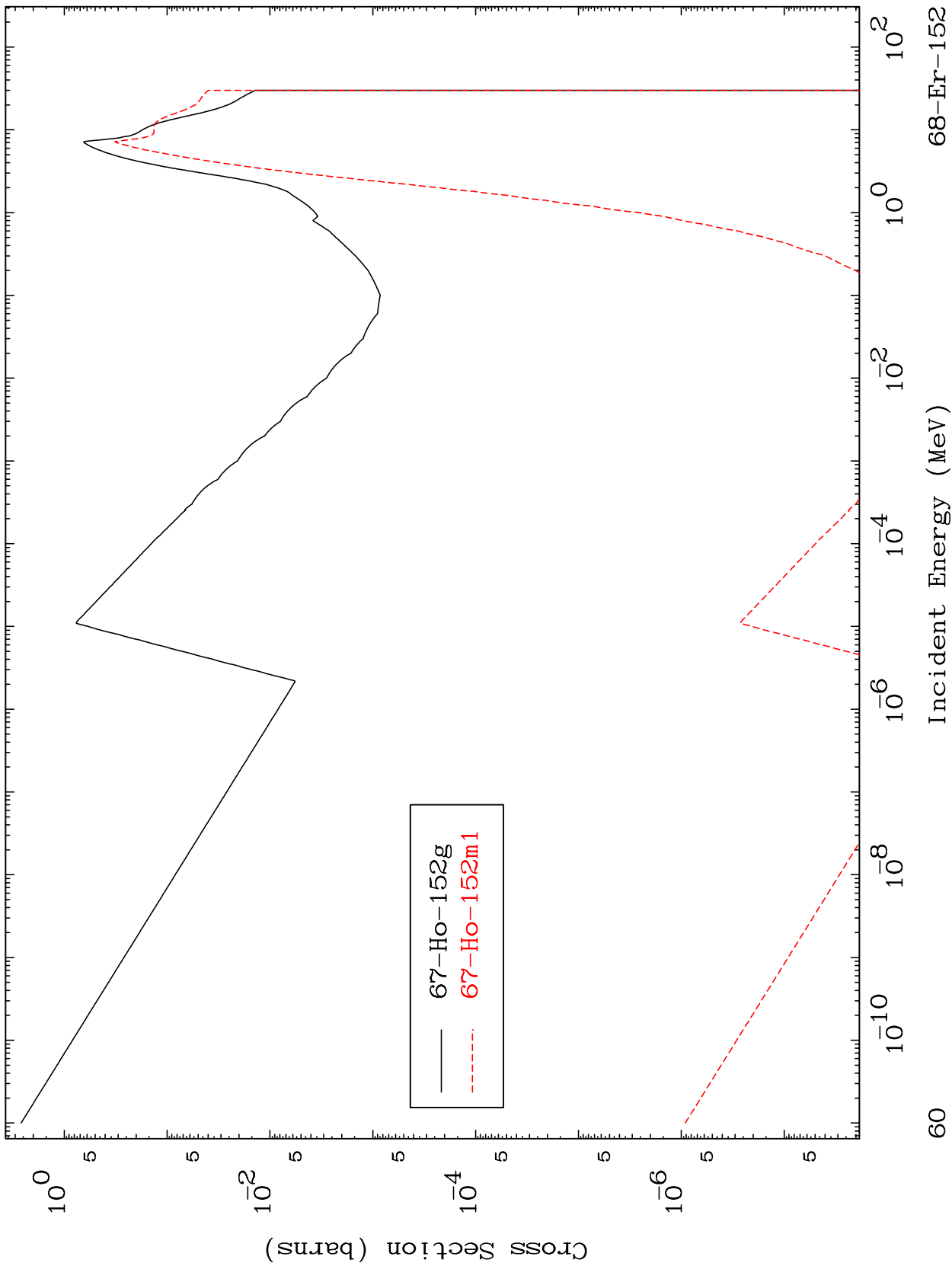
Incident Energy (MeV)

68-Er-152

MAT 6795

68-Er-152

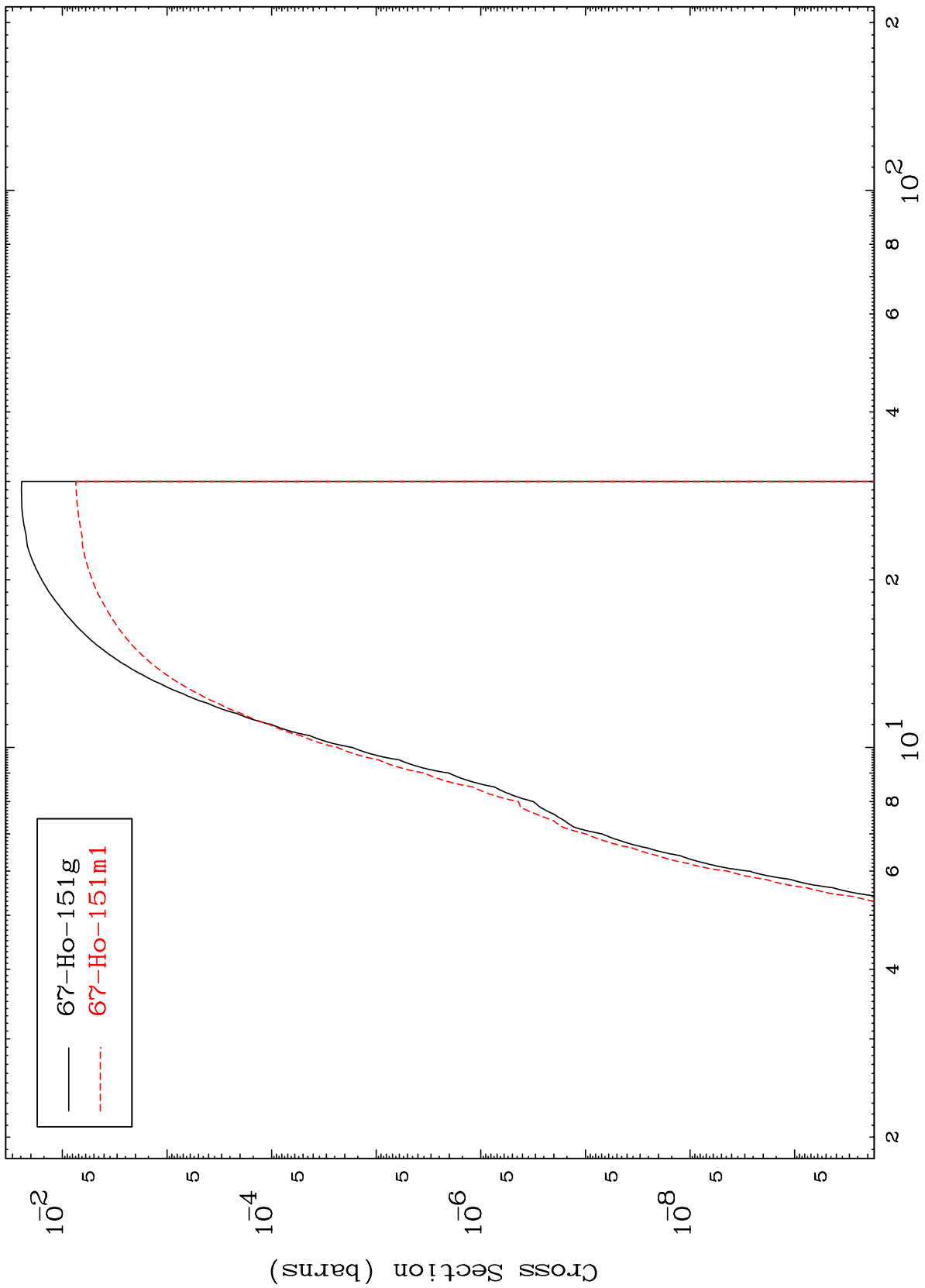
Radionuclide Production Cross Section
(n,p)



MAT 6795

68-Er-152

(n,d)
Radionuclide Production Cross Section



61

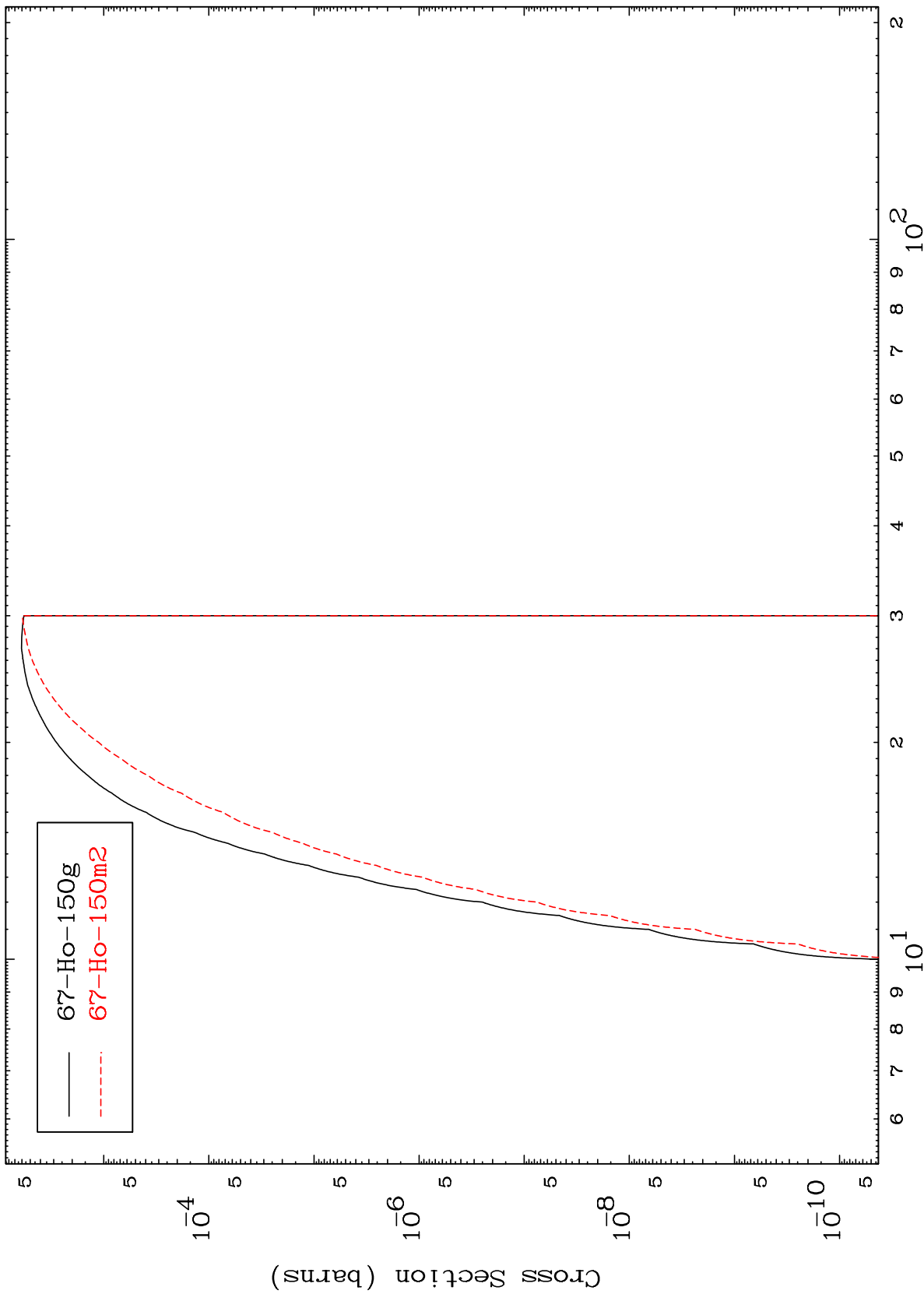
Incident Energy (MeV)

68-Er-152

MAT 6795

68-Er-152

(n, t)
Radionuclide Production Cross Section



62

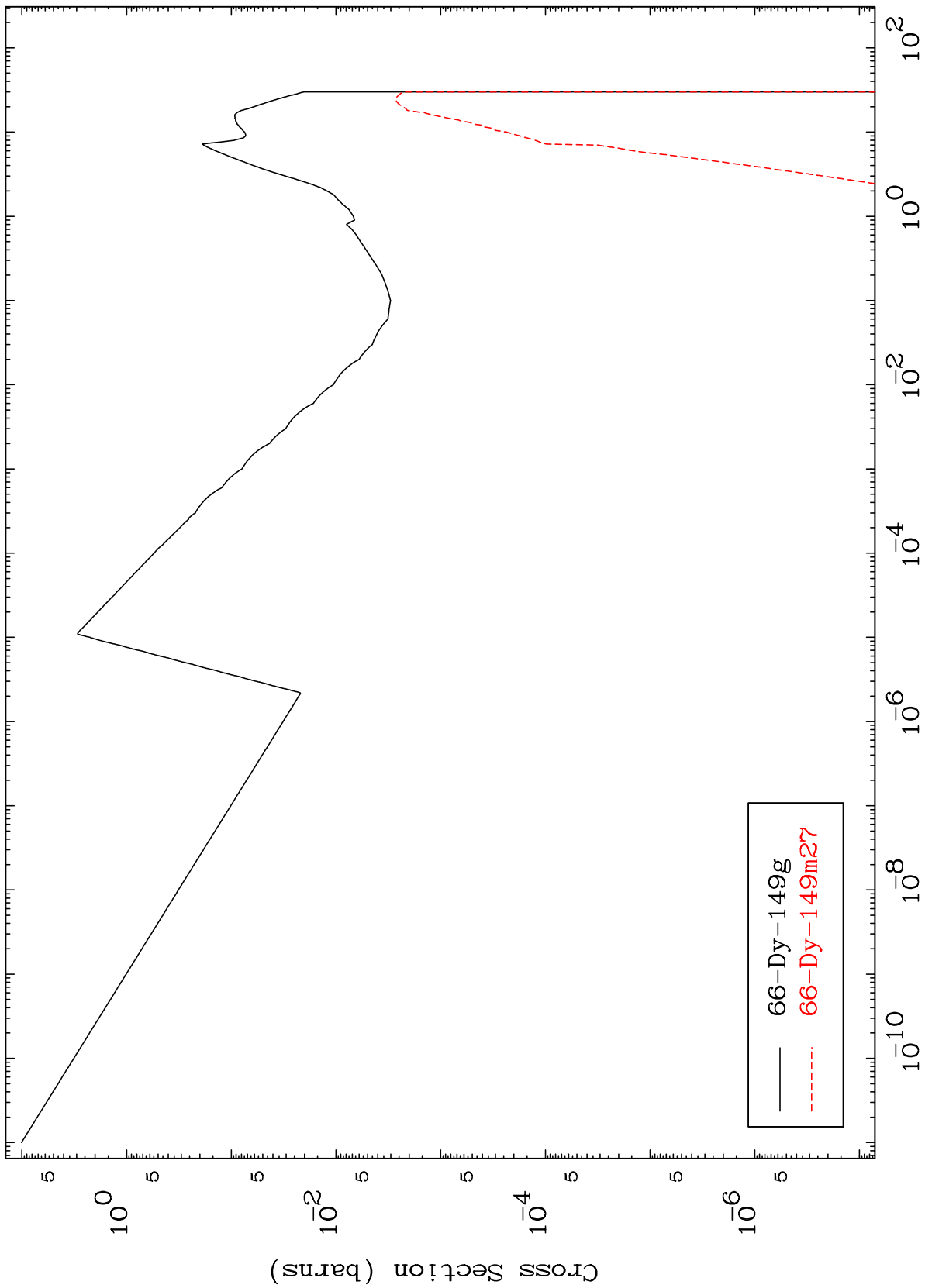
Incident Energy (MeV)

68-Er-152

MAT 6795

68-Er-152

Radionuclide Production Cross Section



Incident Energy (MeV)

68-Er-152

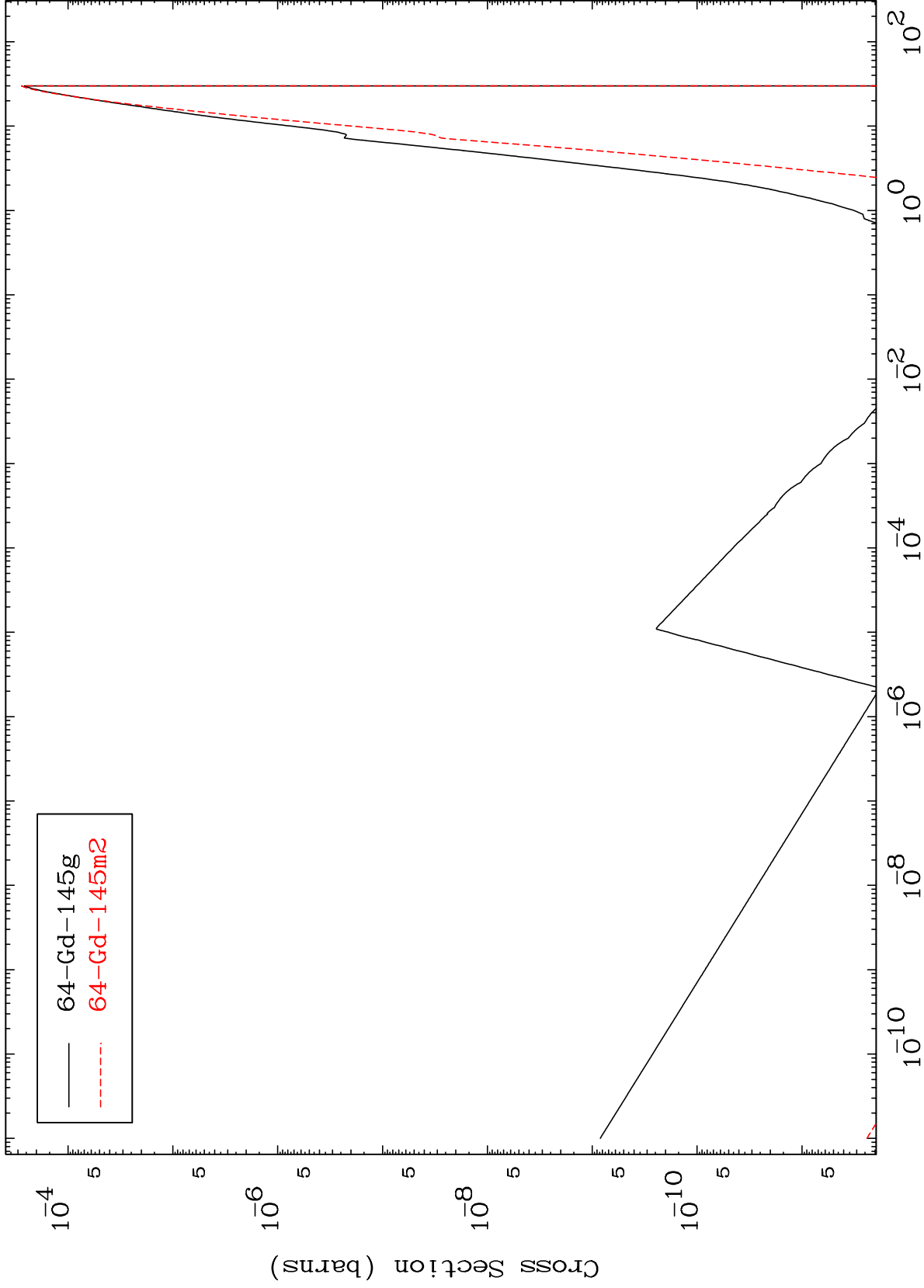
63

MAT 6795

(n,2α)

68-Er-152

Radionuclide Production Cross Section



64-Gd-145g
64-Gd-145m2

64

Incident Energy (MeV)

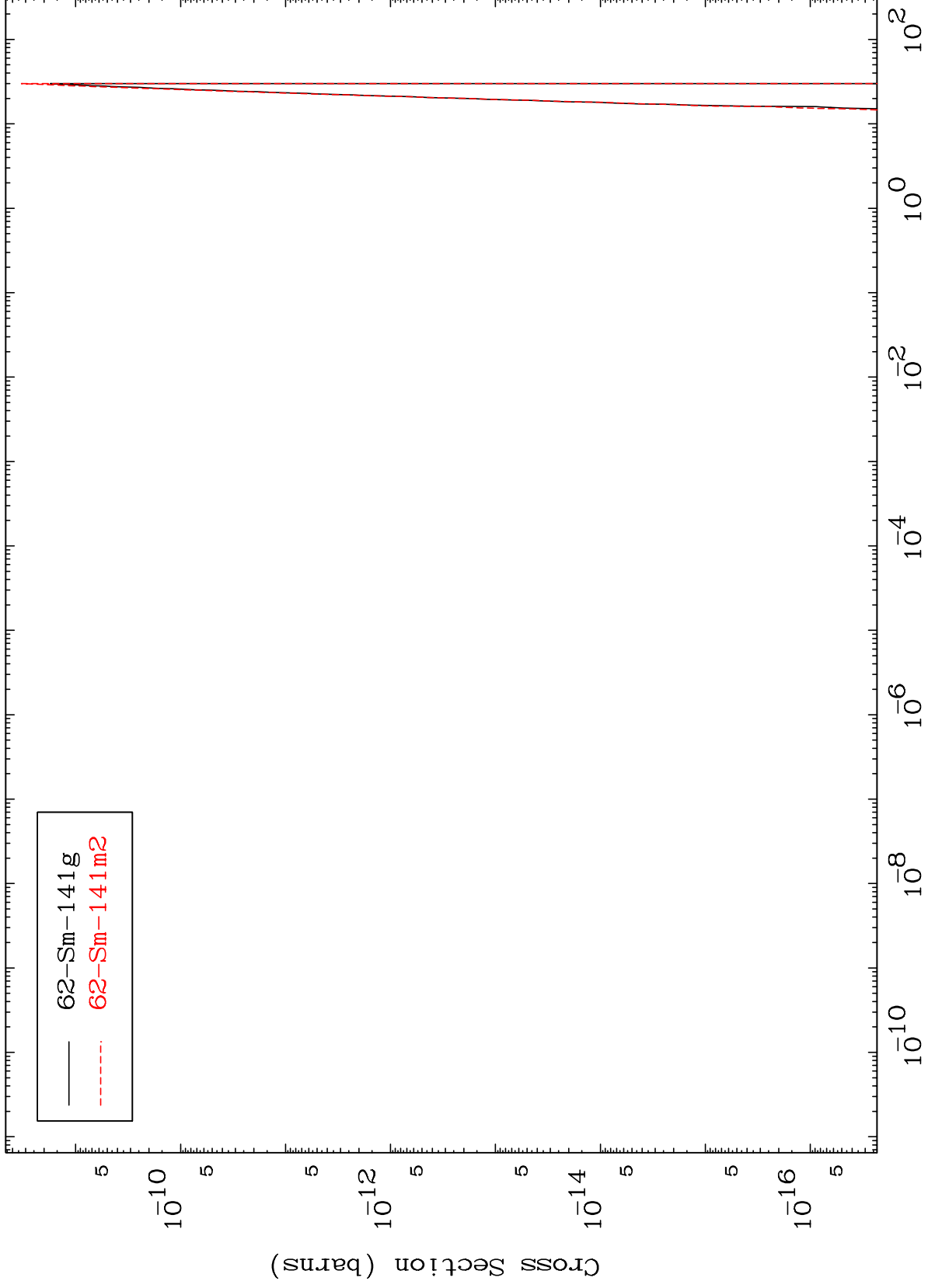
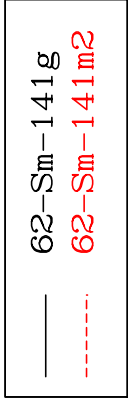
68-Er-152

MAT 6795

(n,3α)

68-Er-152

Radionuclide Production Cross Section



65

Incident Energy (MeV)

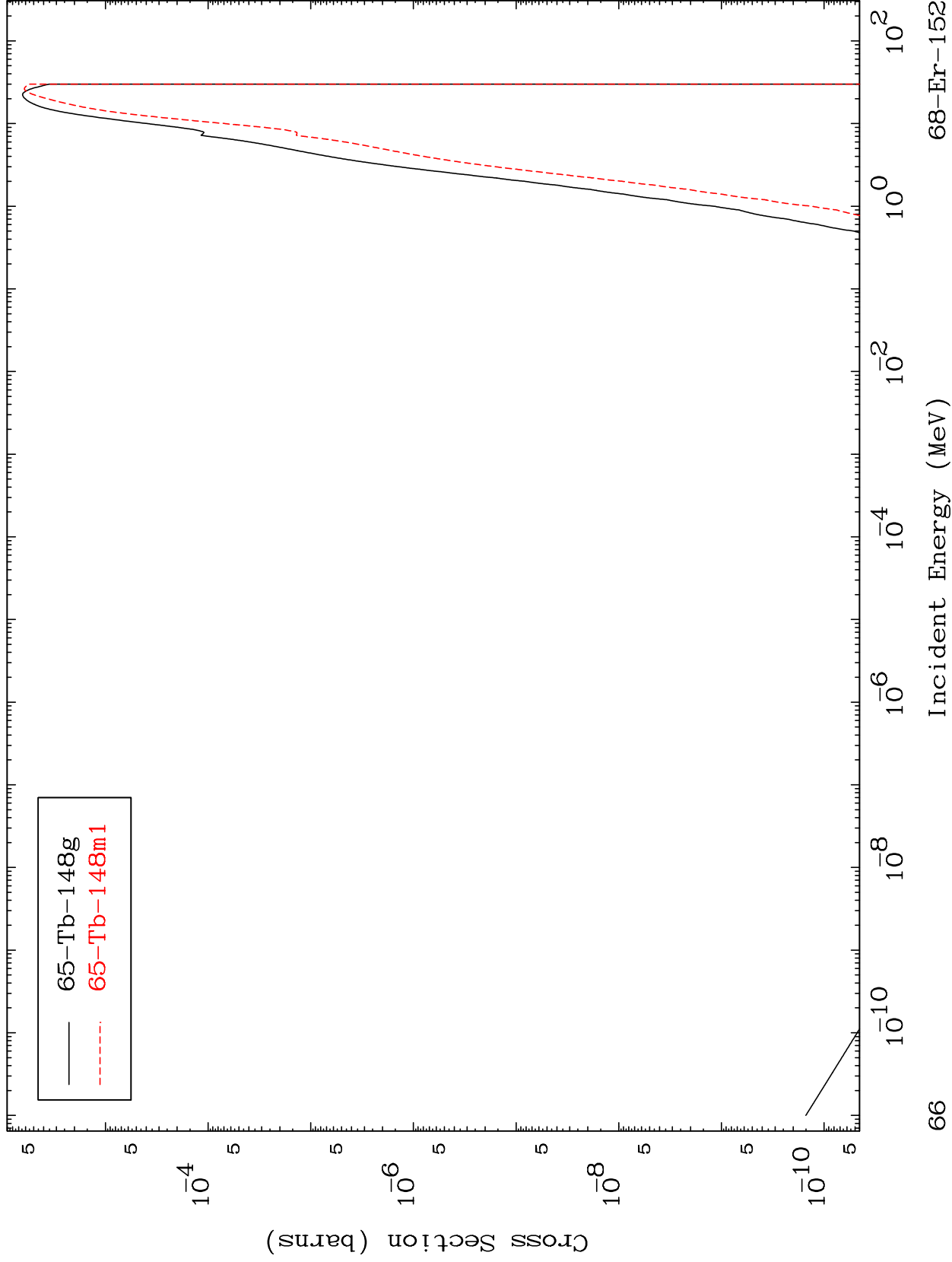
68-Er-152

MAT 6795

(n,p) α

68-Er-152

Radionuclide Production Cross Section



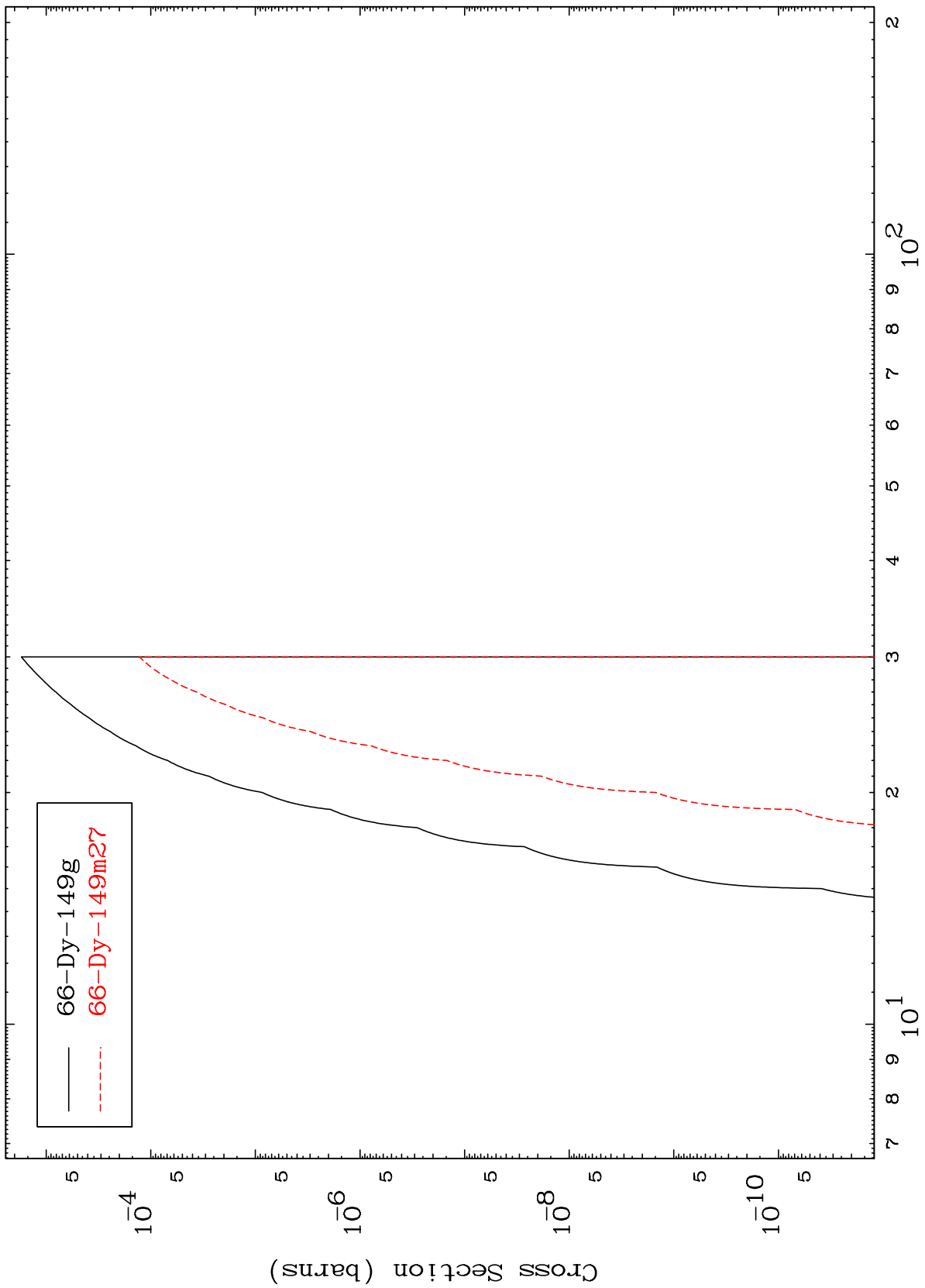
66

MAT 6795

(n,p) t

68-Er-152

Radionuclide Production Cross Section



66-Dy-149g
66-Dy-149m27

67

Incident Energy (MeV)

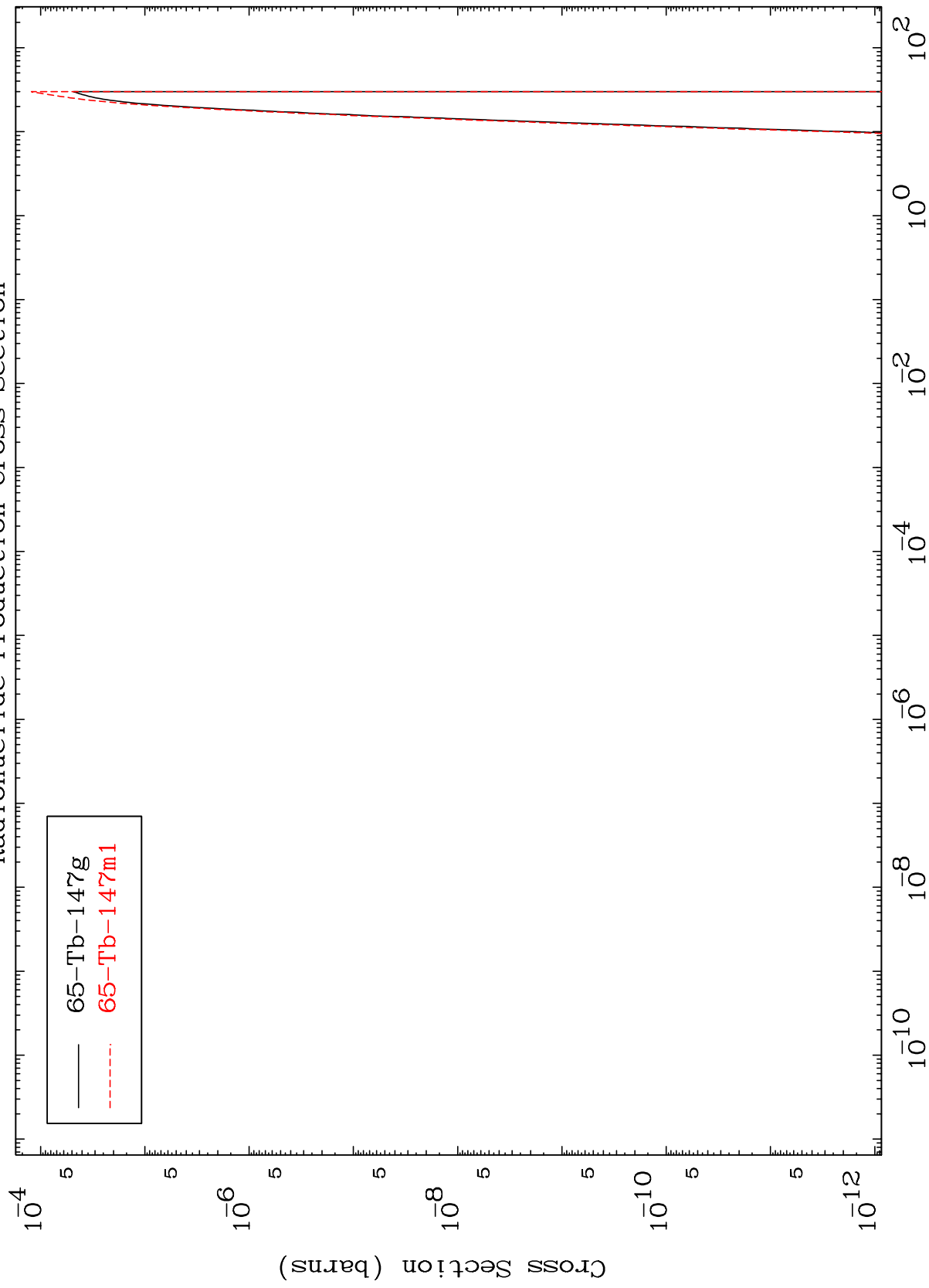
68-Er-152

MAT 6795

(n,d) α

68-Er-152

Radionuclide Production Cross Section



68

Incident Energy (MeV)

68-Er-152