

Program EVALPLOT
(Version 2021-1)

by

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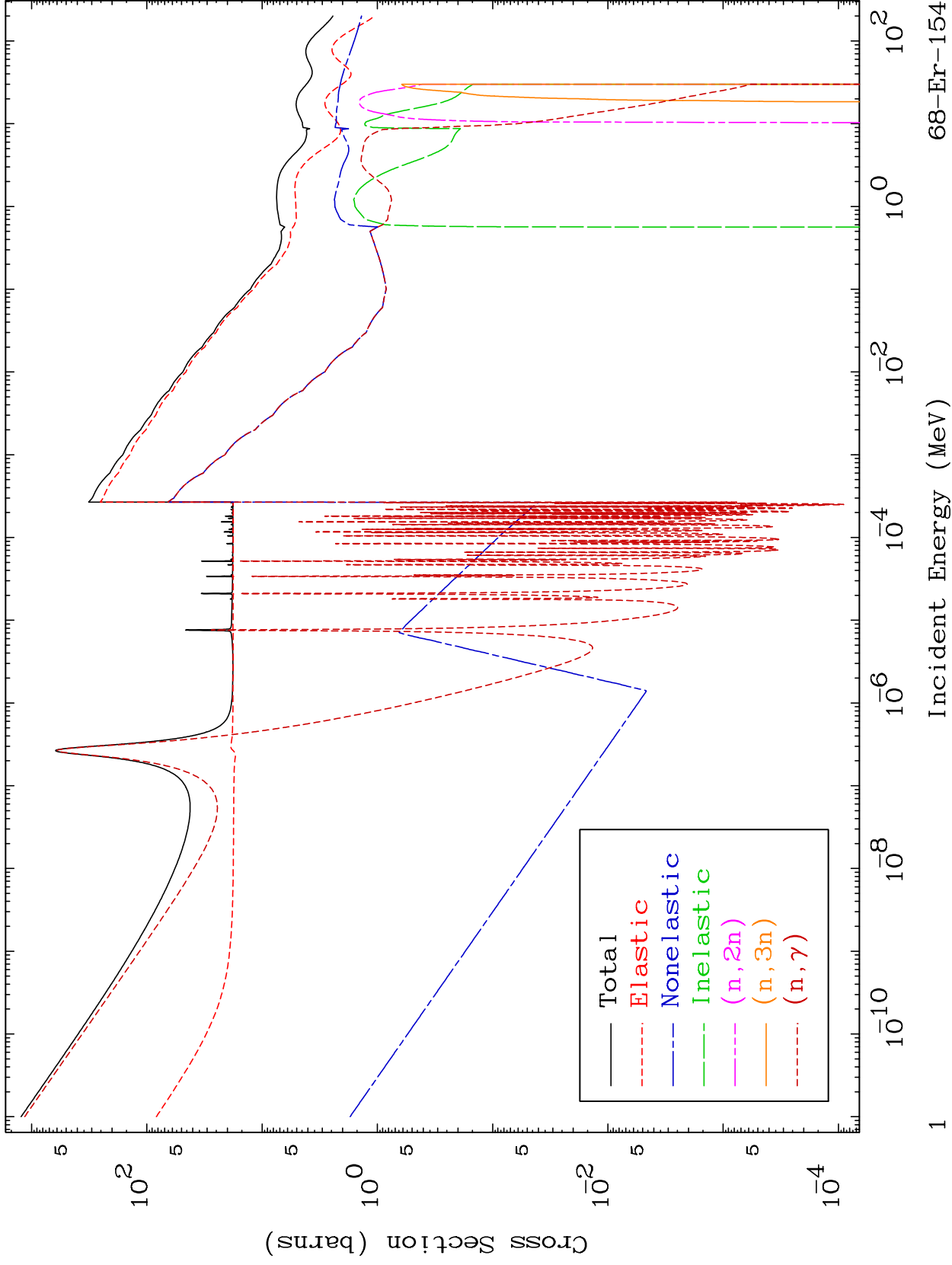
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6801

Neutron Major
293 Kelvin Cross Sections

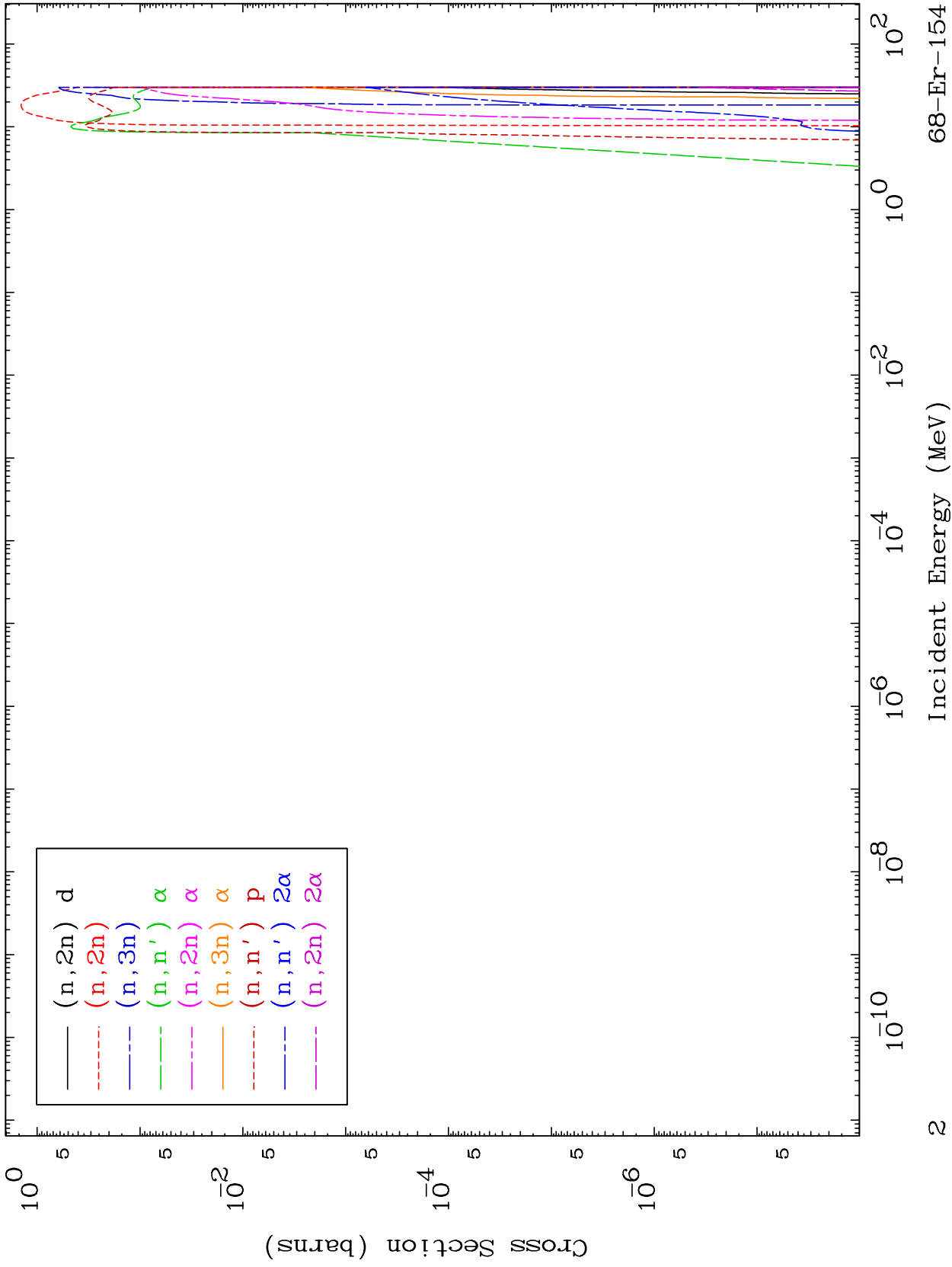
68-Er-154



MAT 6801

Neutron Absorption
293 Kelvin Cross Sections

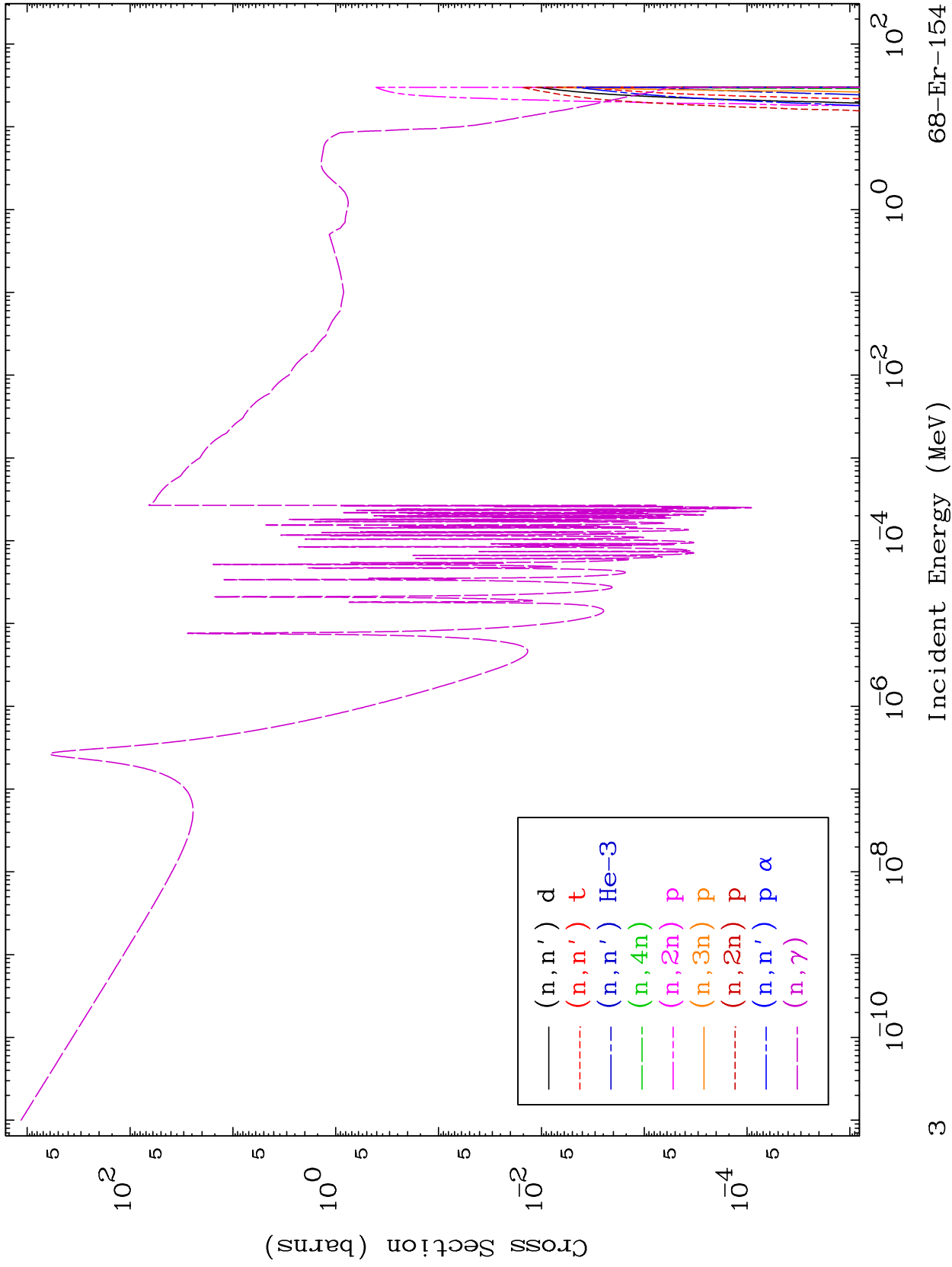
68-Er-154



MAT 6801

Neutron Absorption
293 Kelvin Cross Sections

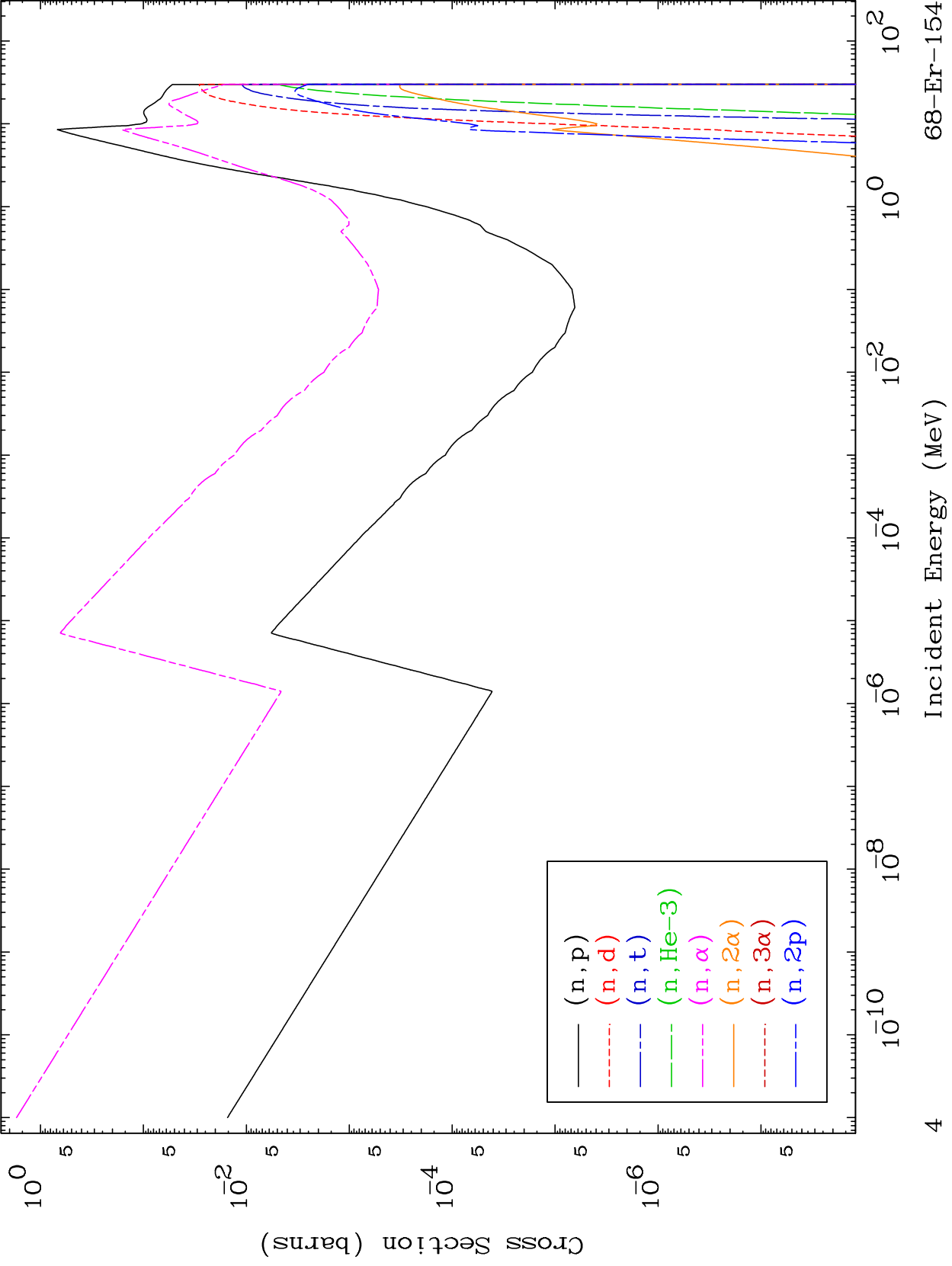
68-Er-154



MAT 6801

Neutron Absorption
293 Kelvin Cross Sections

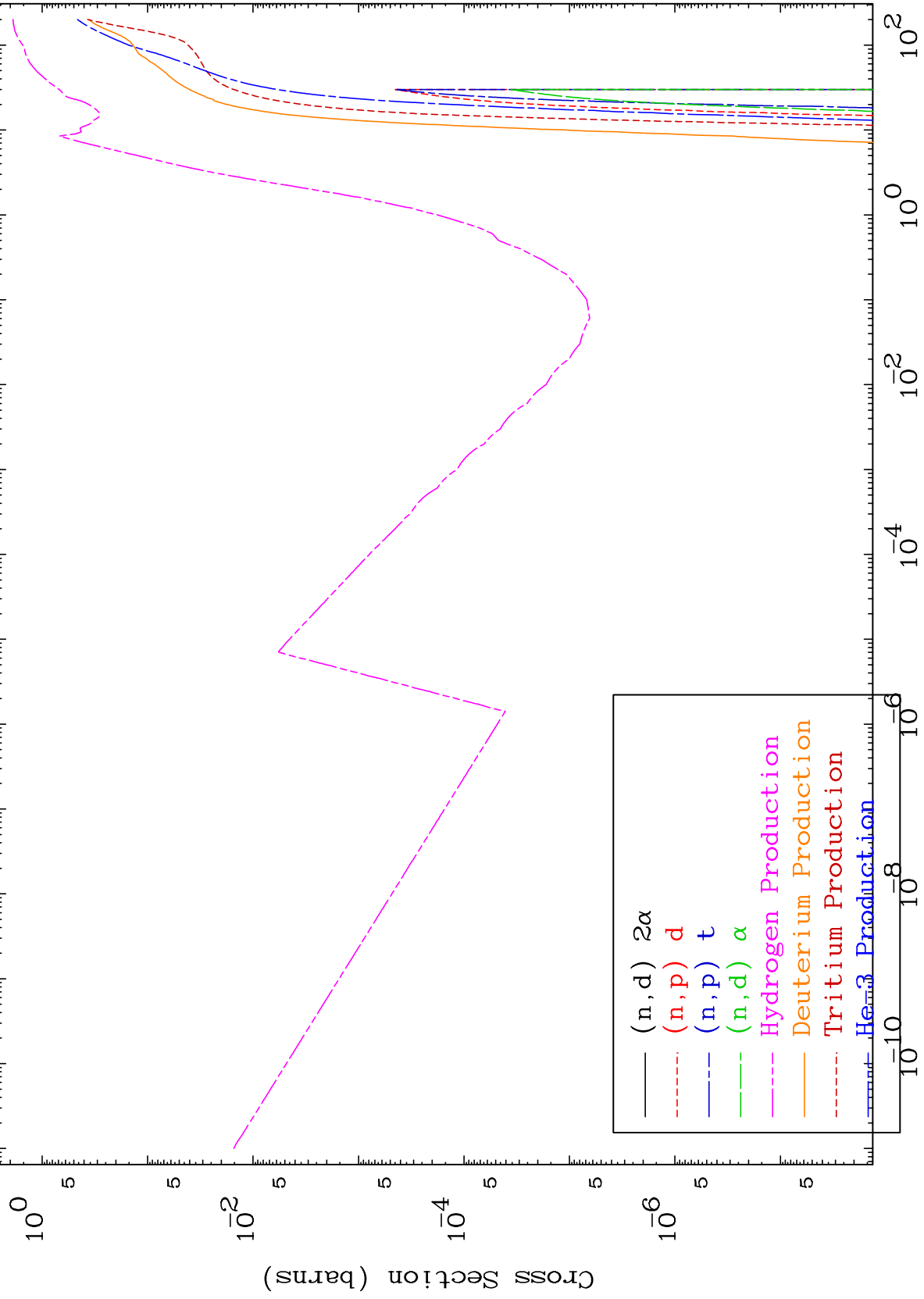
68-Er-154



MAT 6801

Neutron Absorption
293 Kelvin Cross Sections

68-Er-154



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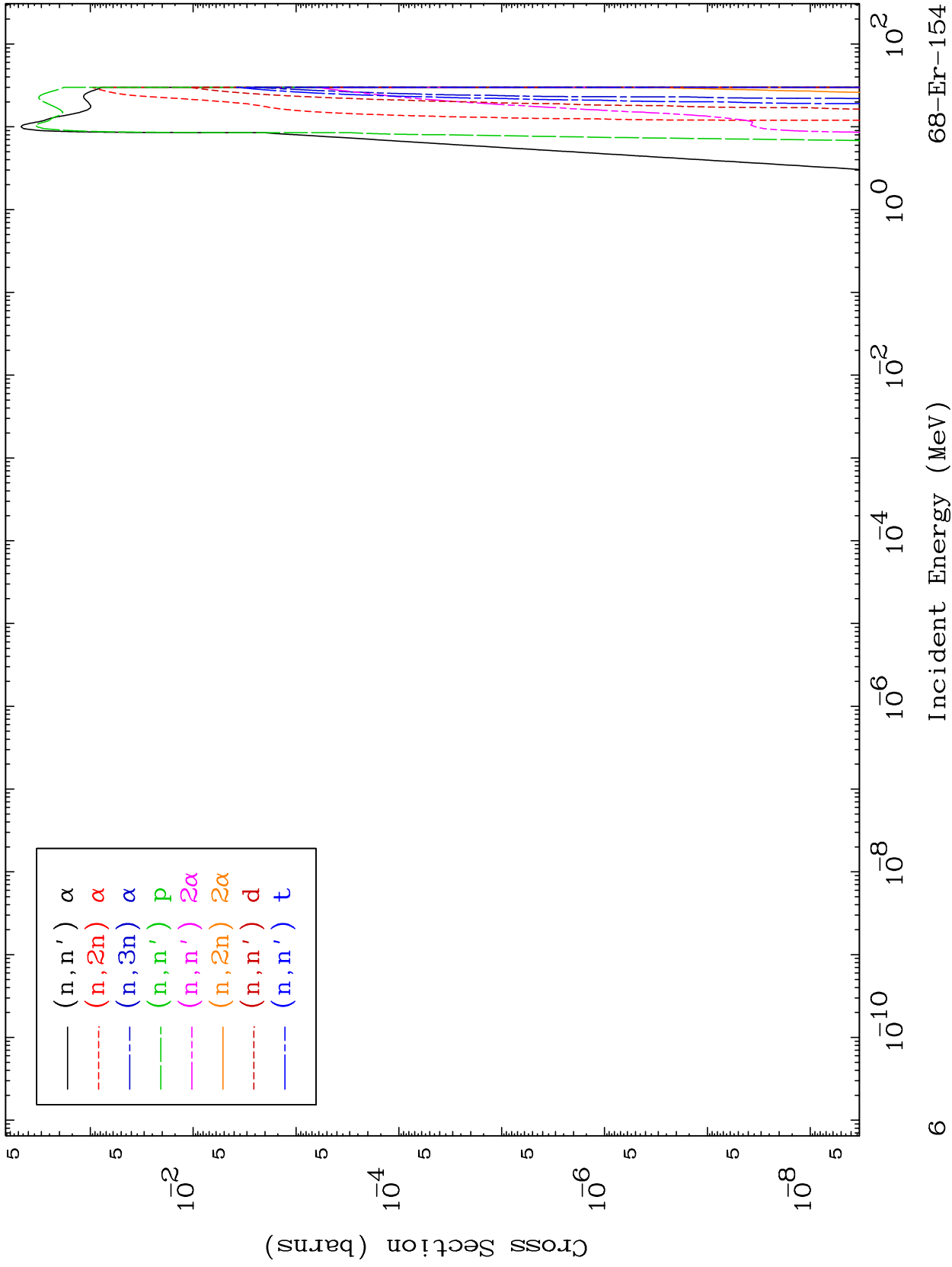
Incident Energy (MeV)

68-Er-154

MAT 6801

Charged Particle
293 Kelvin Cross Sections

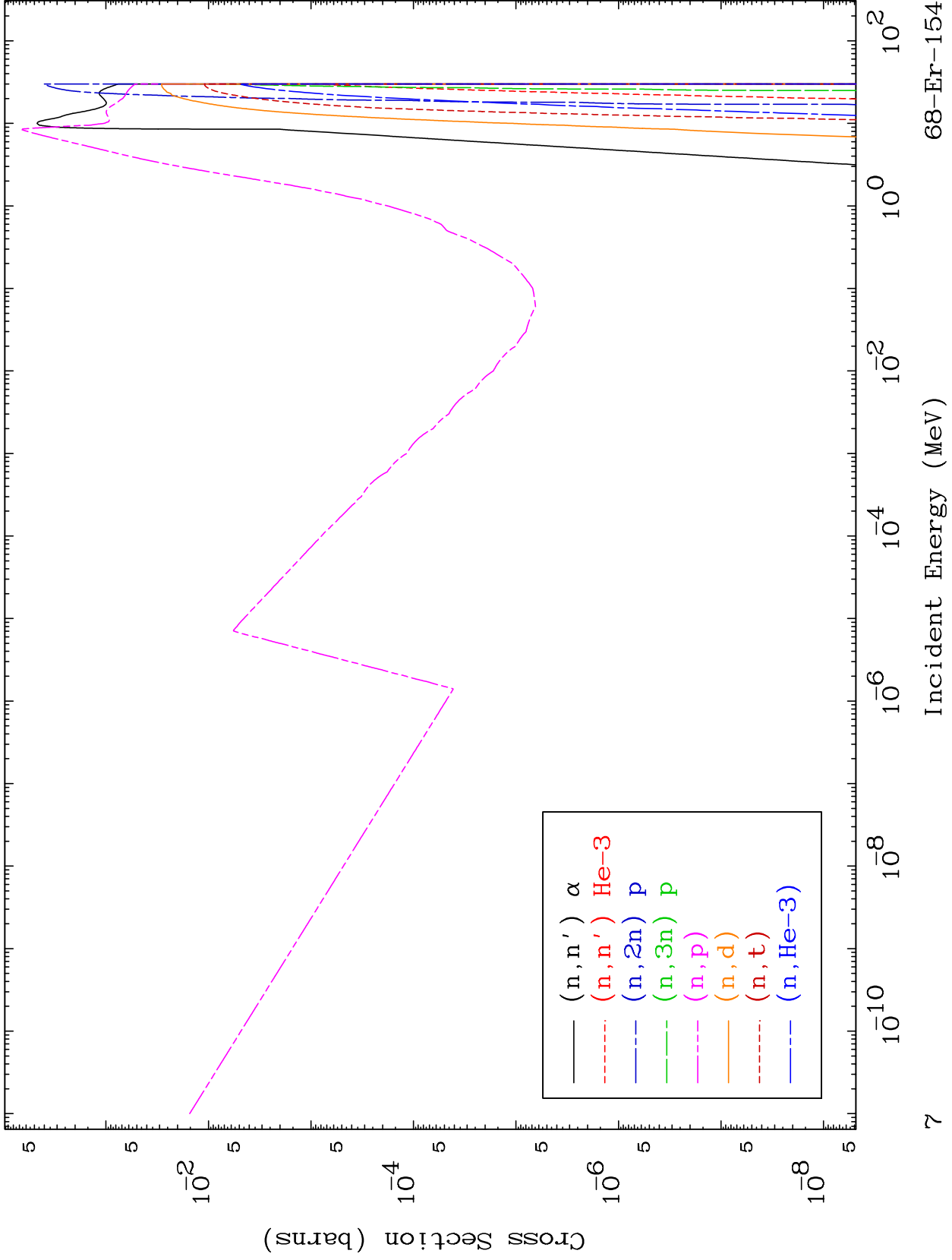
68-Er-154



MAT 6801

Charged Particle
293 Kelvin Cross Sections

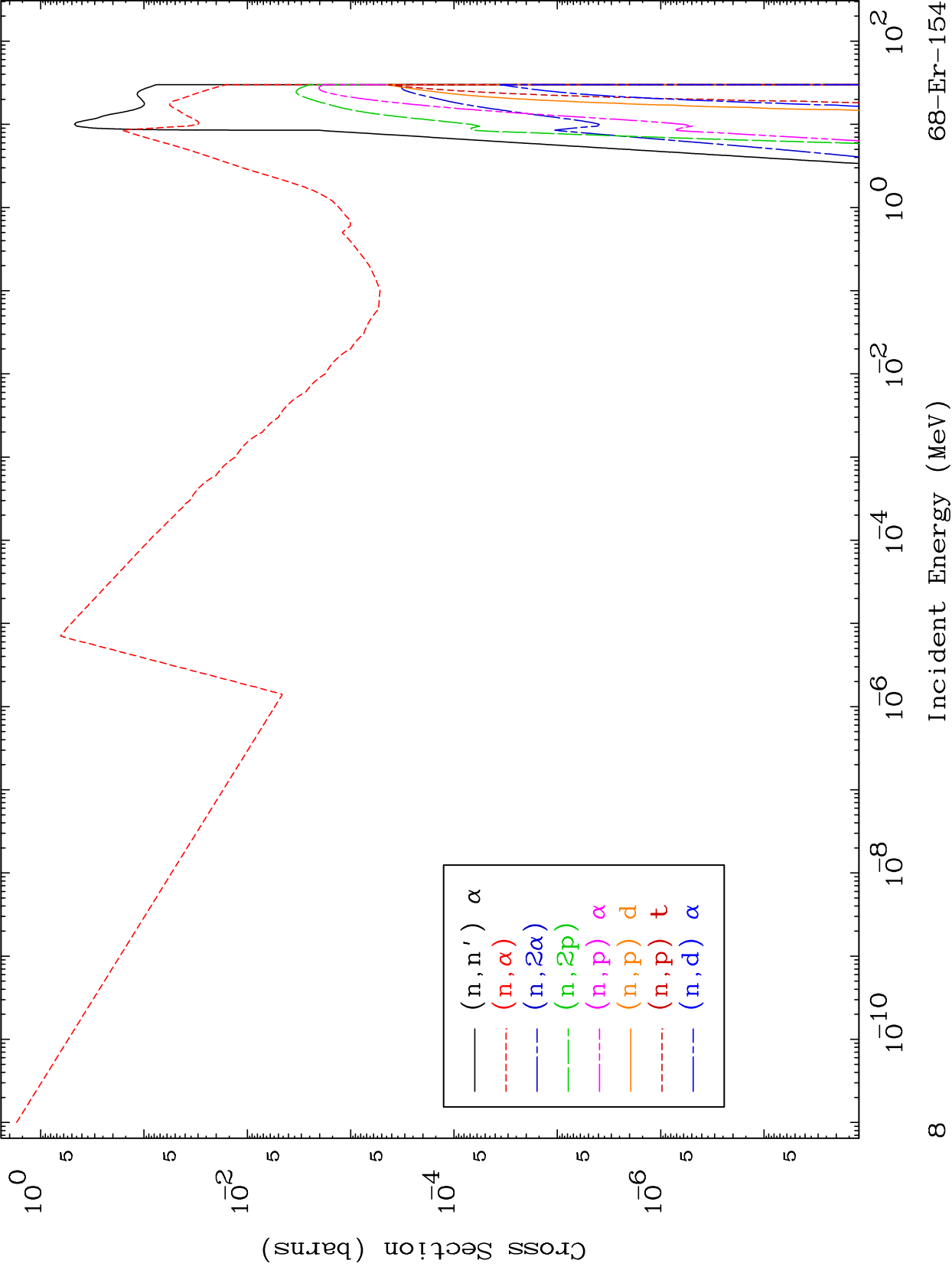
68-Er-154



MAT 6801

Charged Particle
293 Kelvin Cross Sections

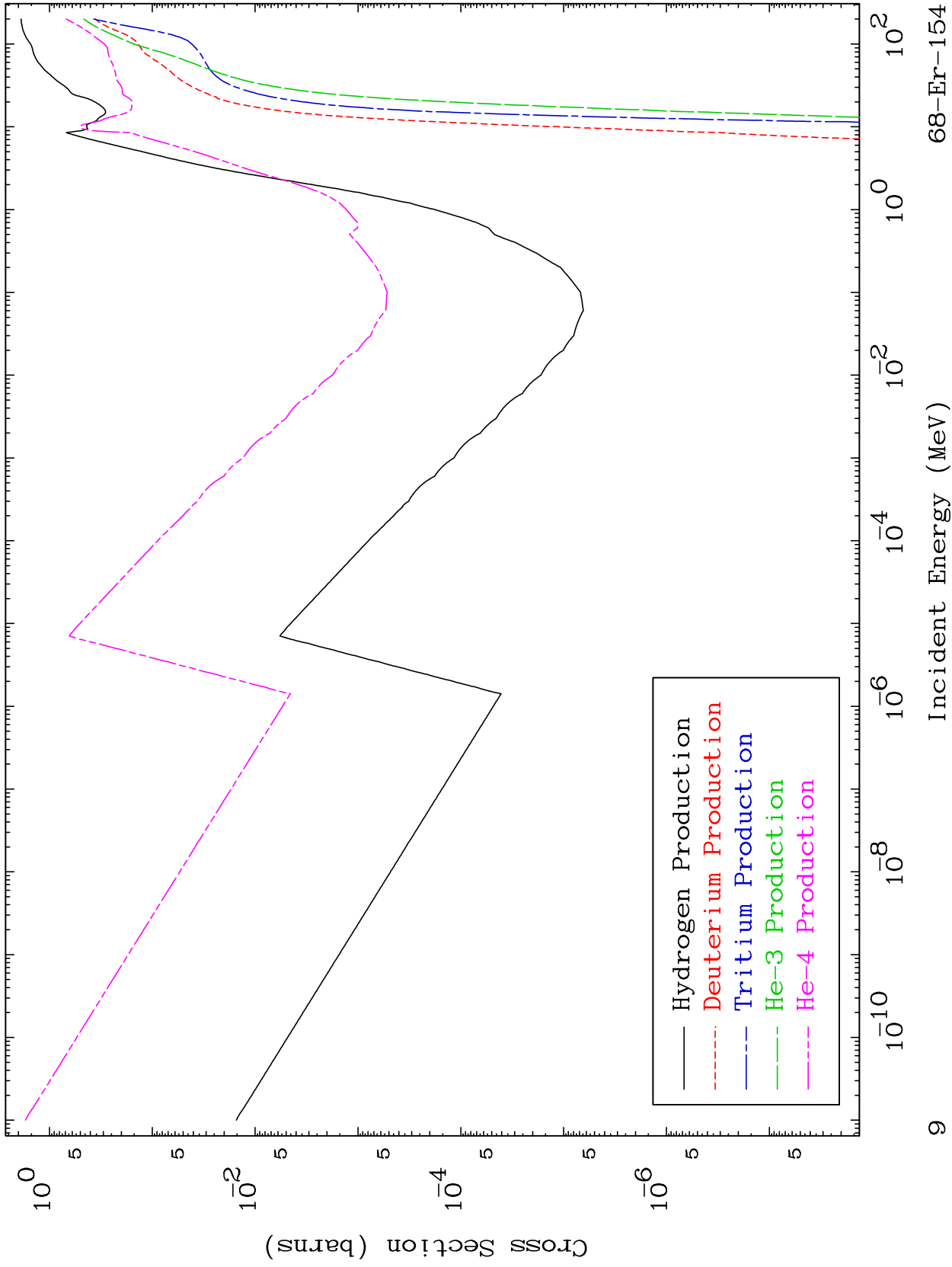
68-Er-154



MAT 6801

Particle Production
293 Kelvin Cross Sections

68-Er-154

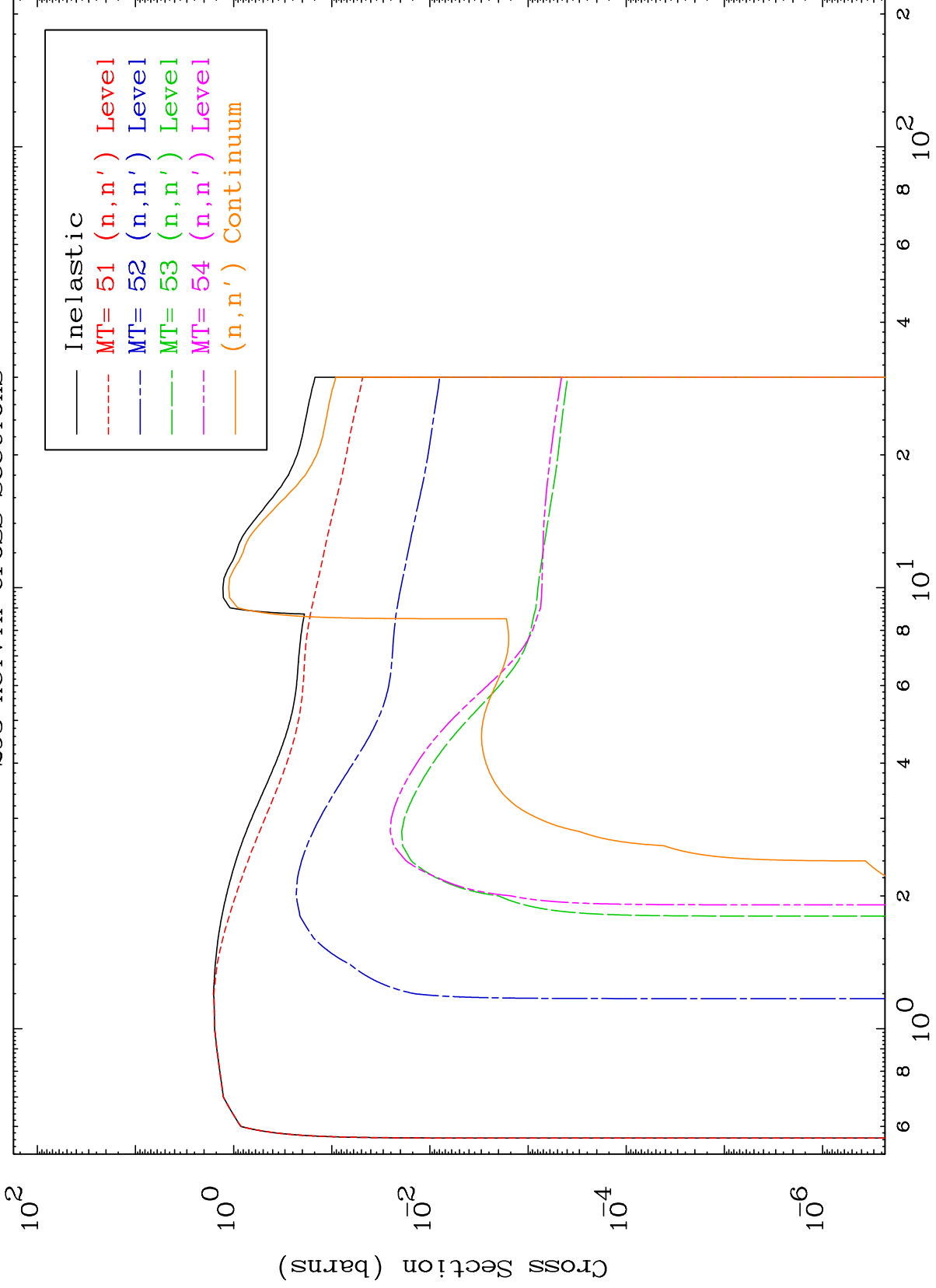


MAT 6801

(n,n') Levels

68-Er-154

293 Kelvin Cross Sections



10

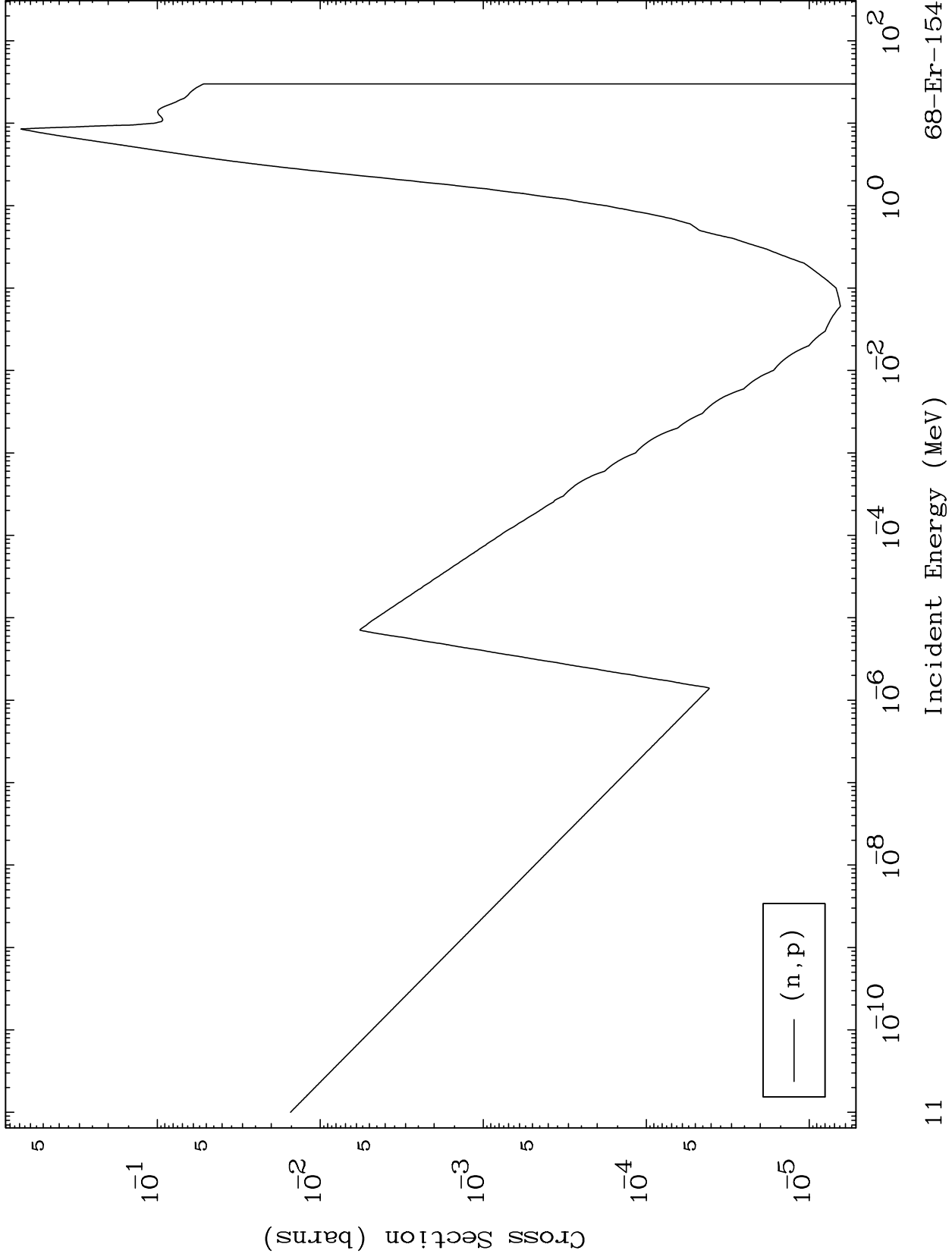
Incident Energy (MeV)

68-Er-154

MAT 6801

(n,p) Levels
293 Kelvin Cross Sections

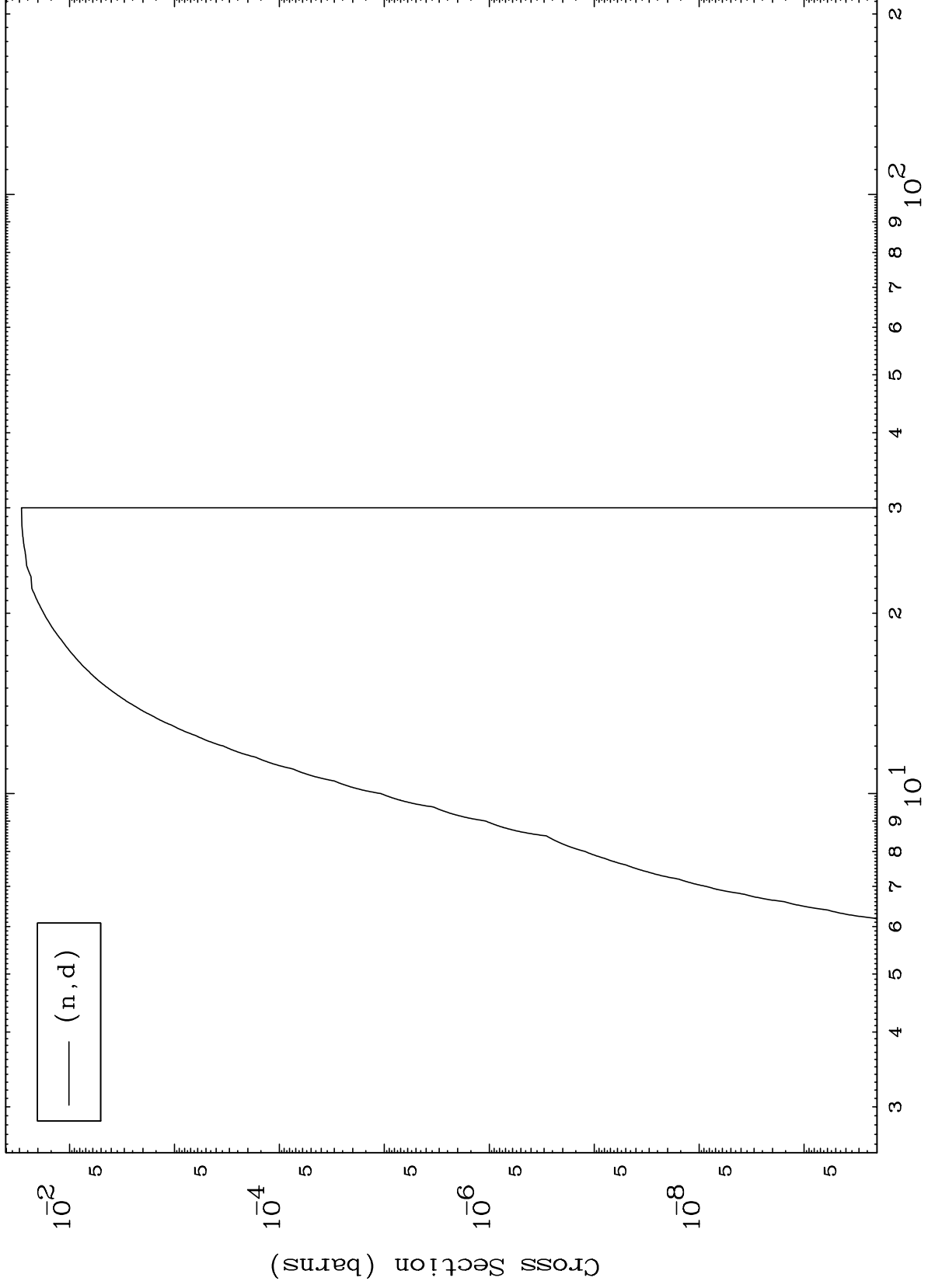
68-Er-154



MAT 6801

(n,d) Levels
293 Kelvin Cross Sections

68-Er-154



12

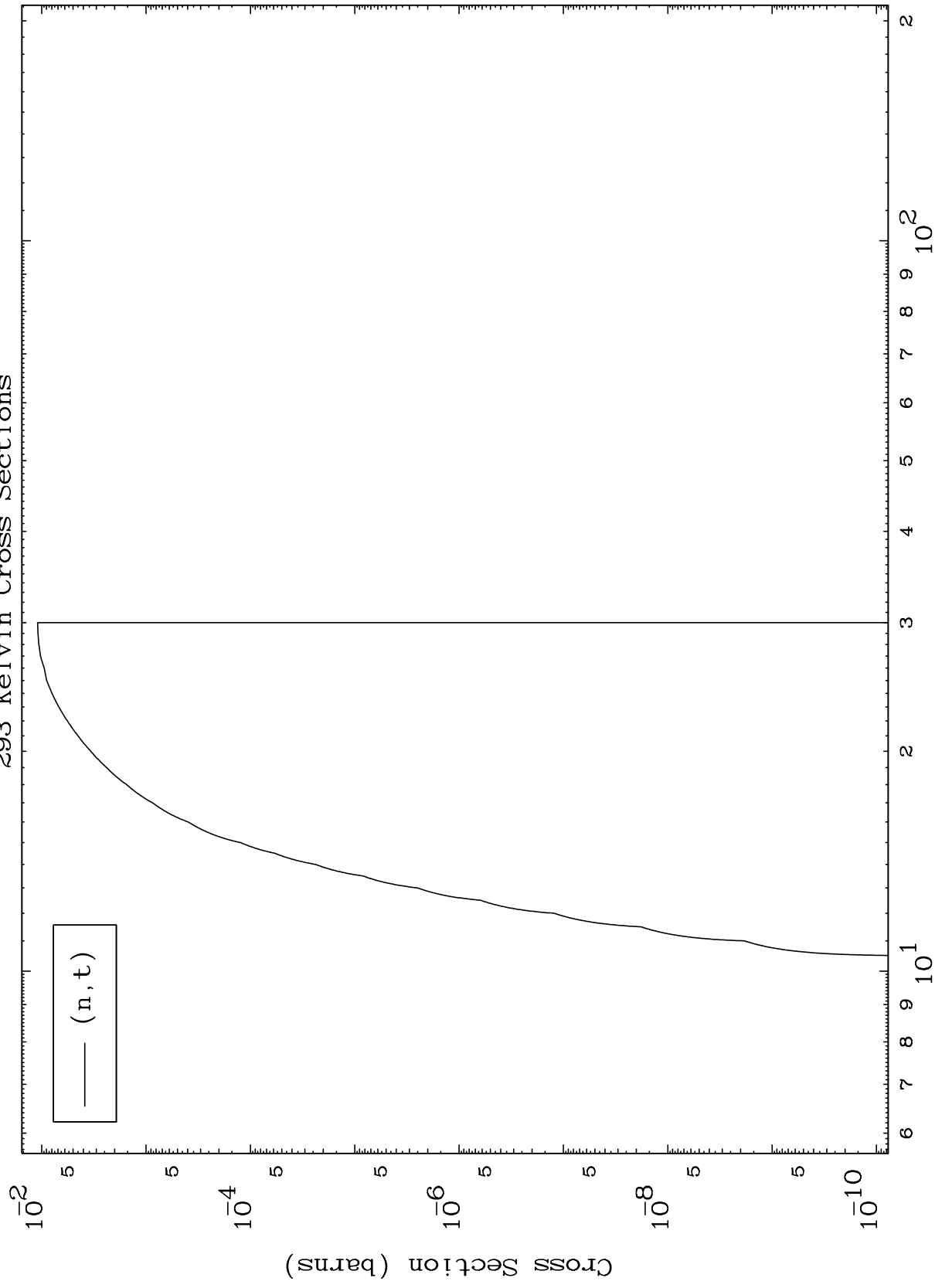
Incident Energy (MeV)

68-Er-154

MAT 6801

68-Er-154

(n,t) Levels
293 Kelvin Cross Sections



68-Er-154

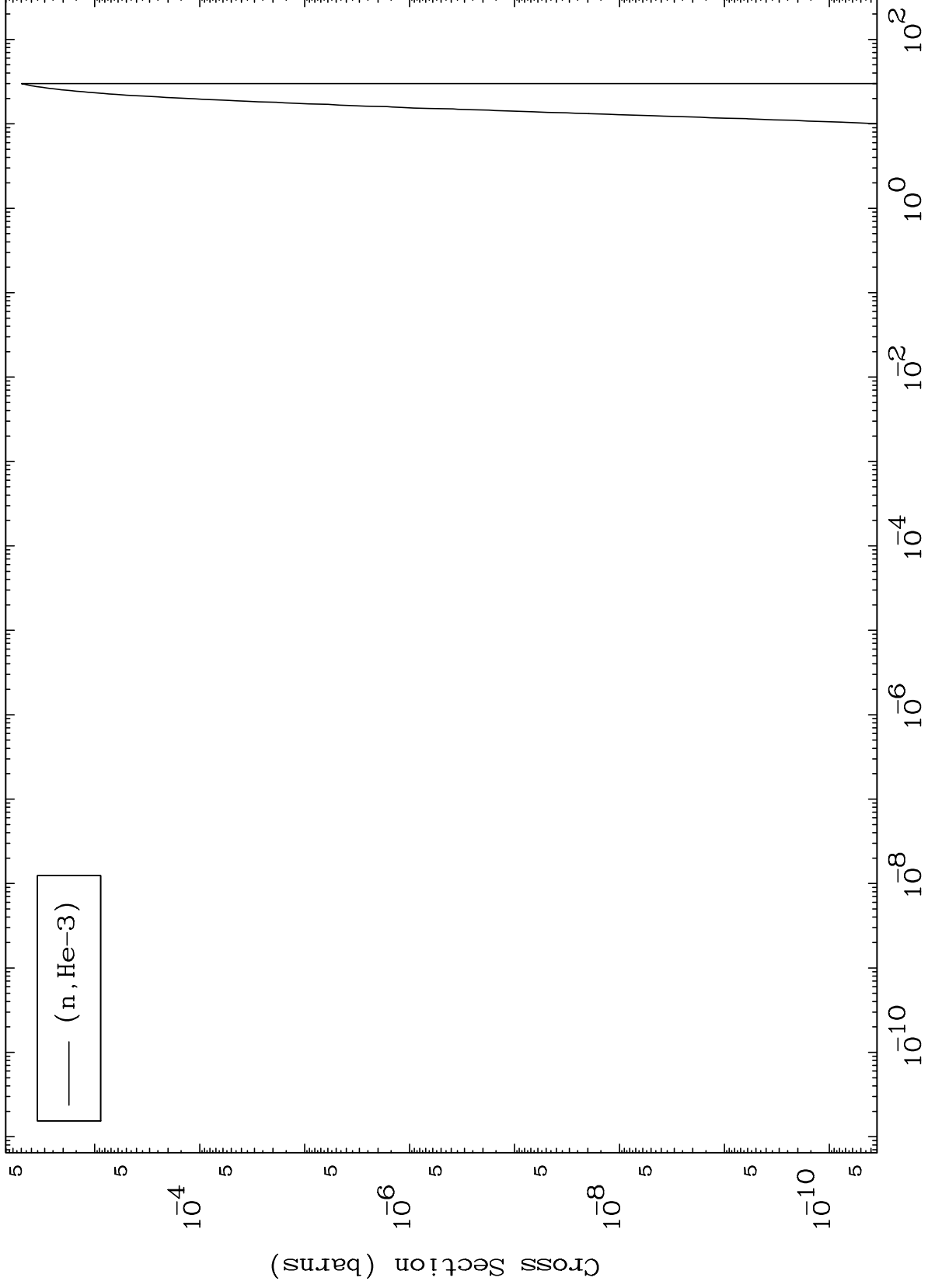
Incident Energy (MeV)

13

MAT 6801

(n,He3) Levels
293 Kelvin Cross Sections

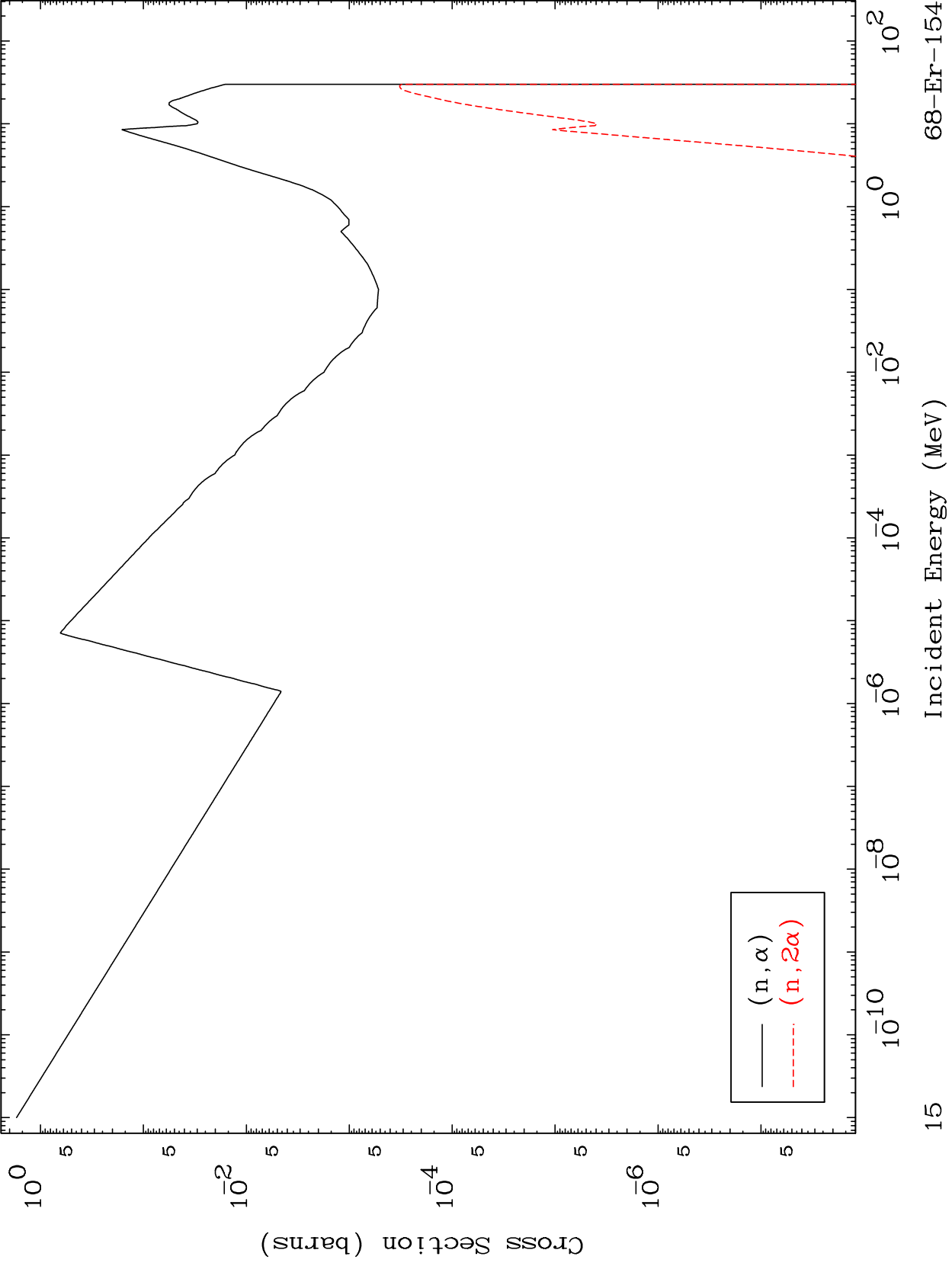
68-Er-154

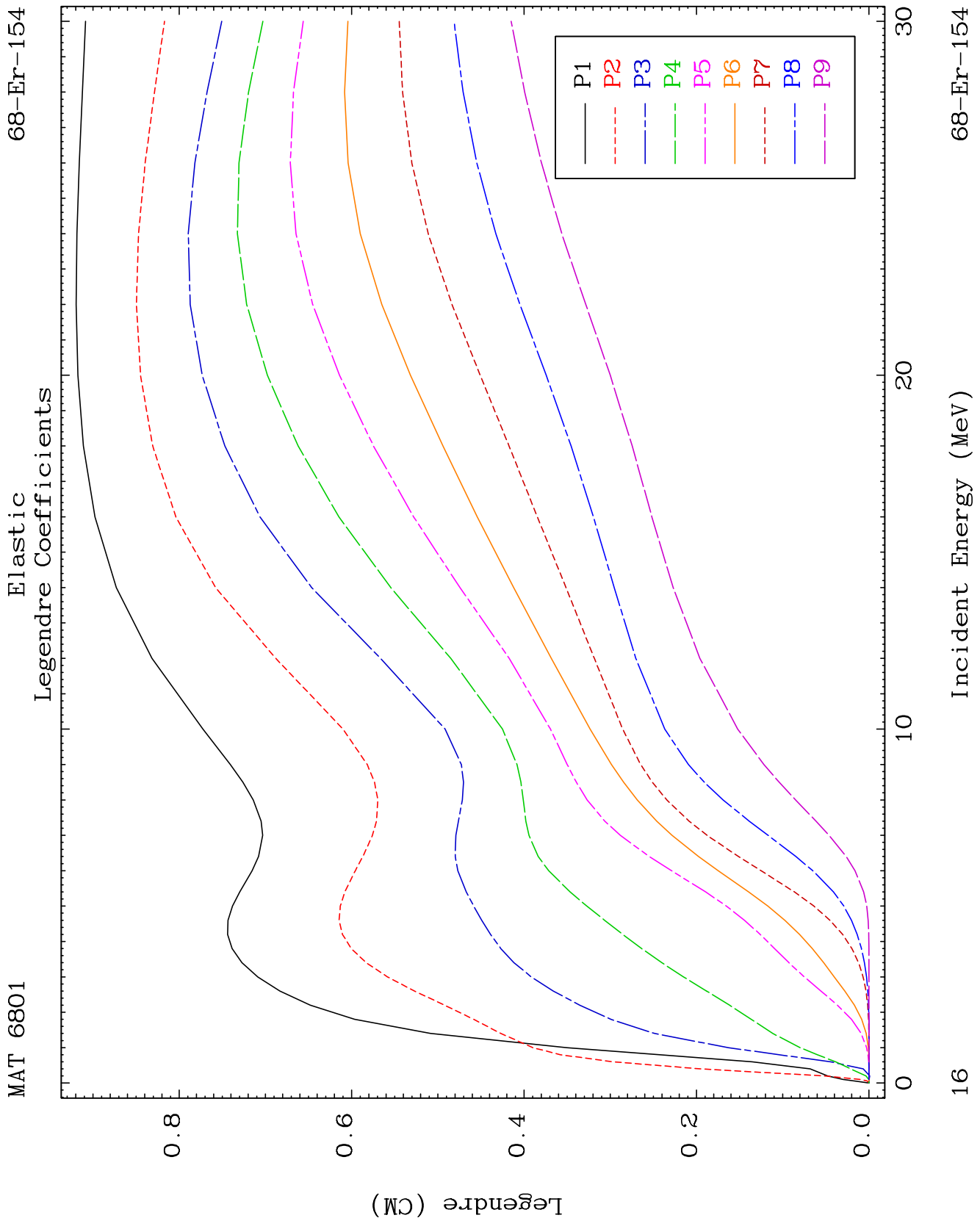


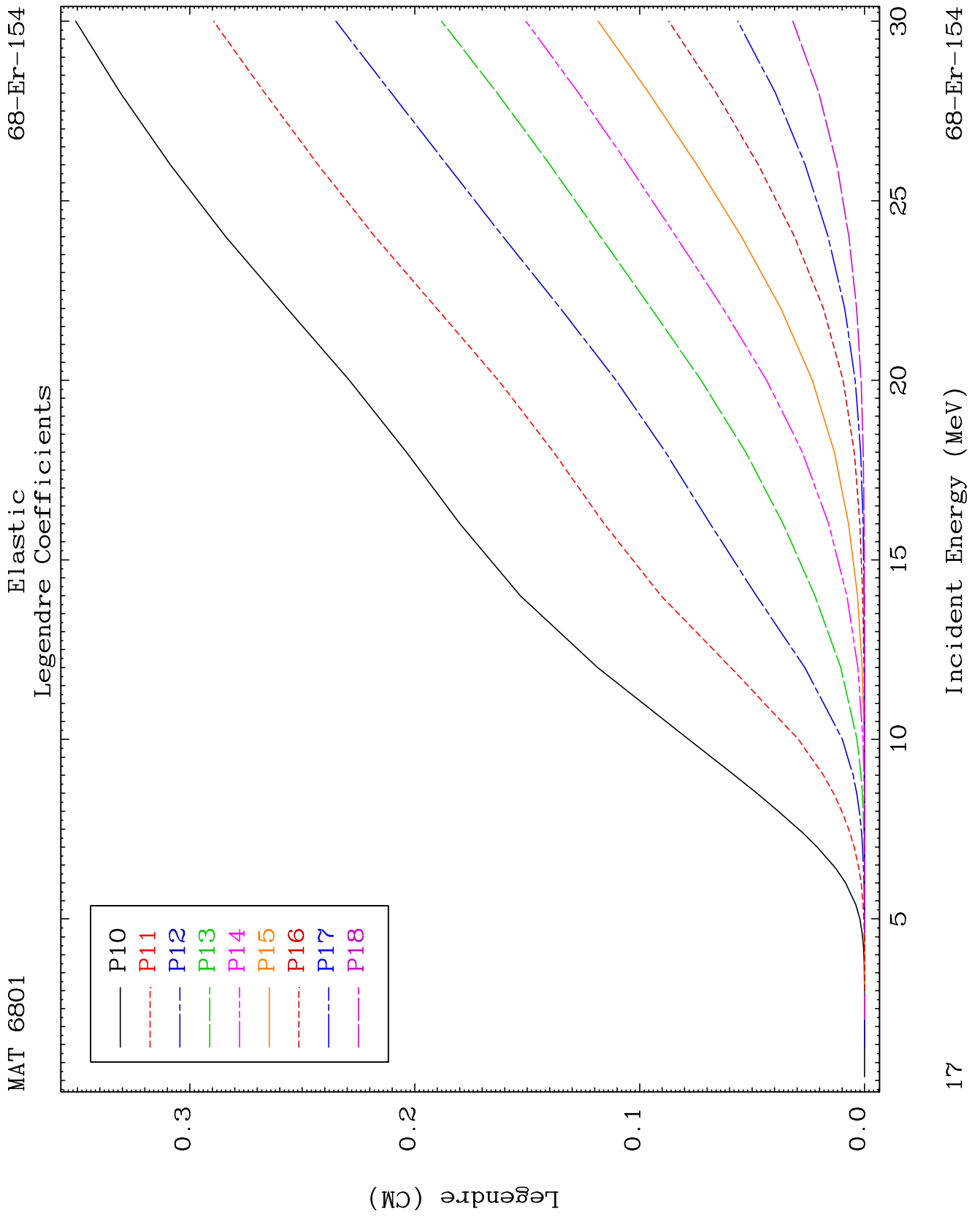
MAT 6801

(n, α) Levels
293 Kelvin Cross Sections

68-Er-154



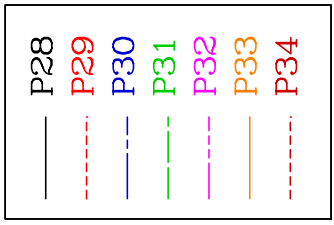
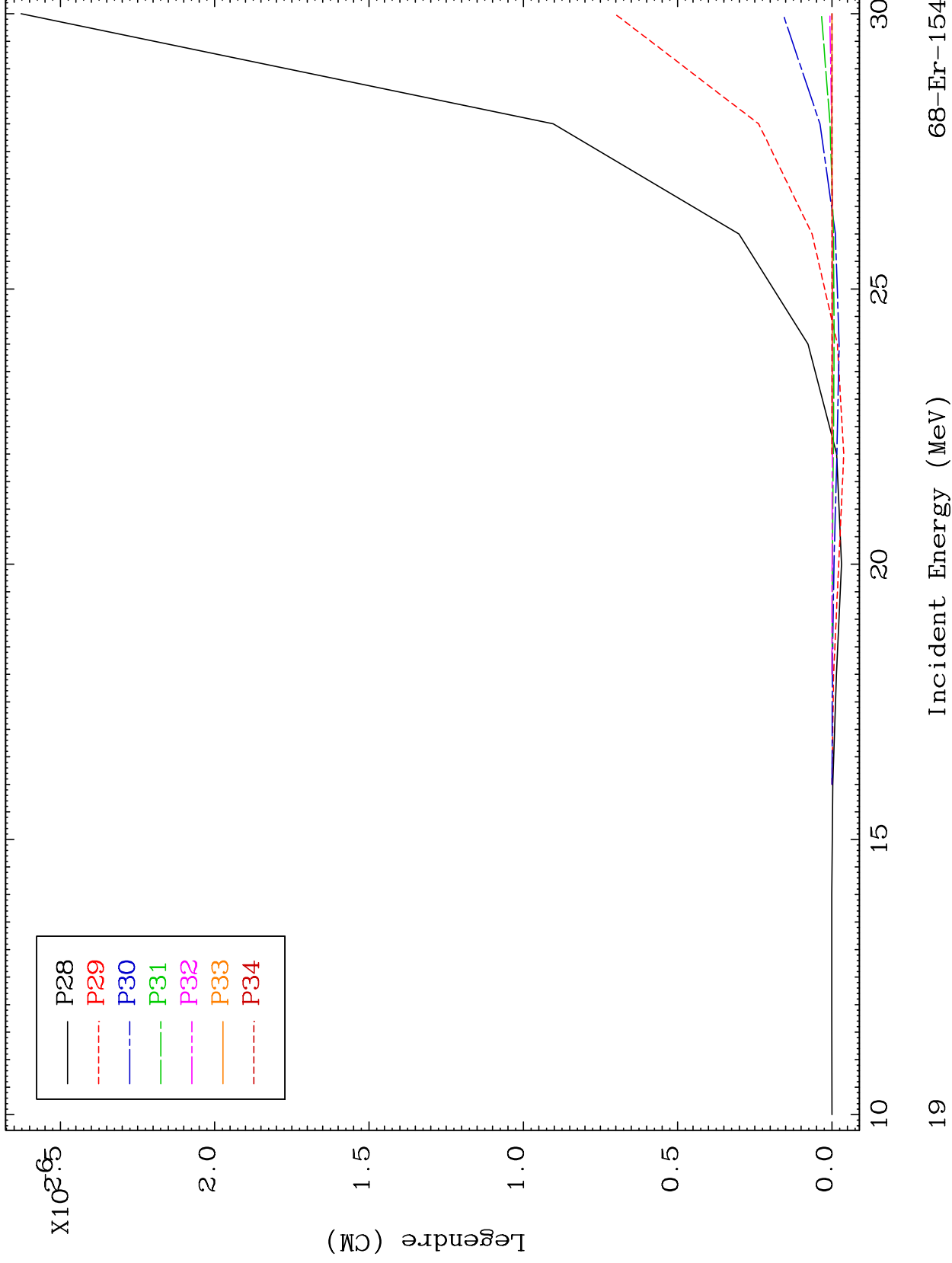




MAT 6801

Elastic
Legendre Coefficients

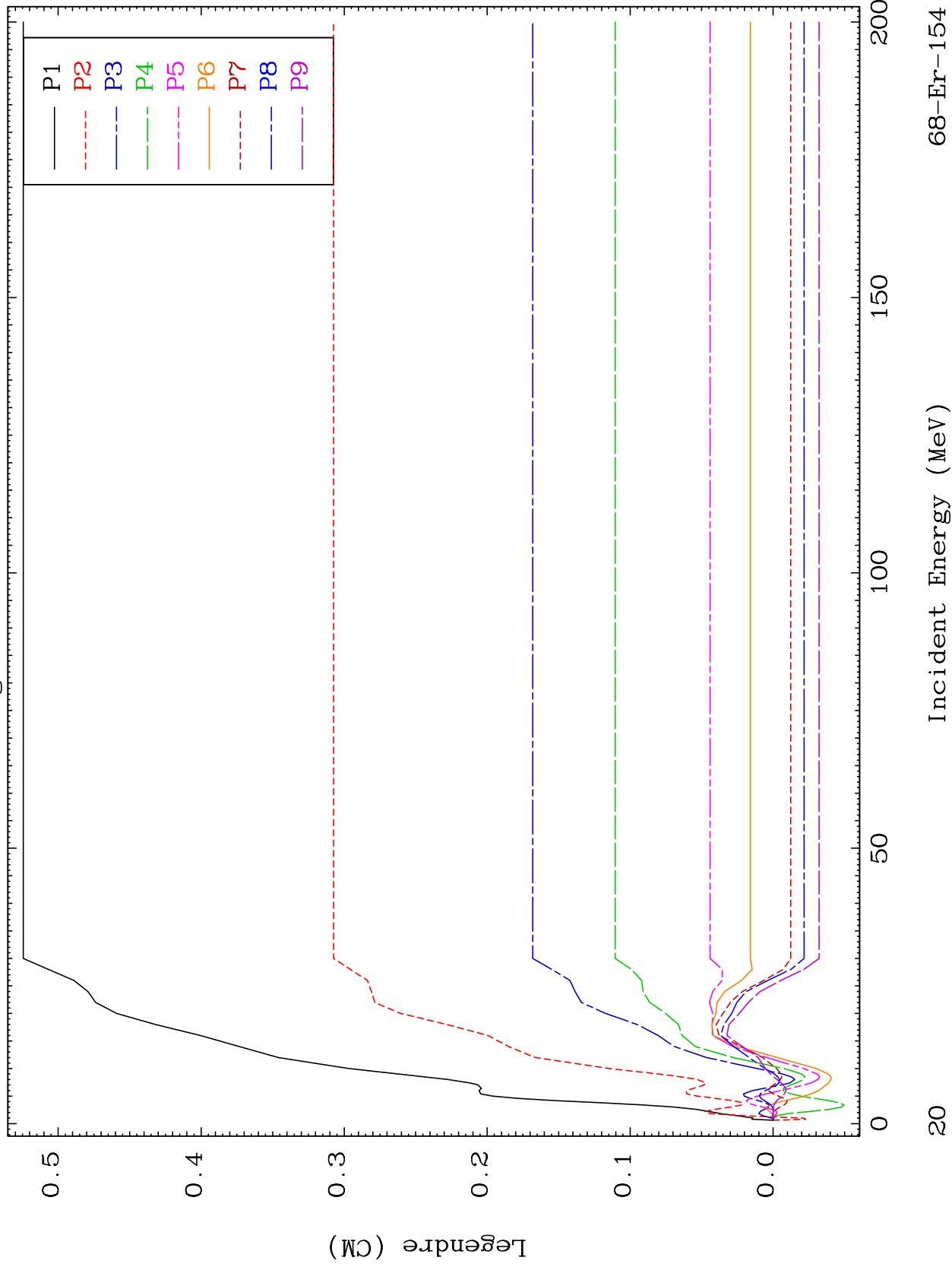
68-Er-154



MAT 6801

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

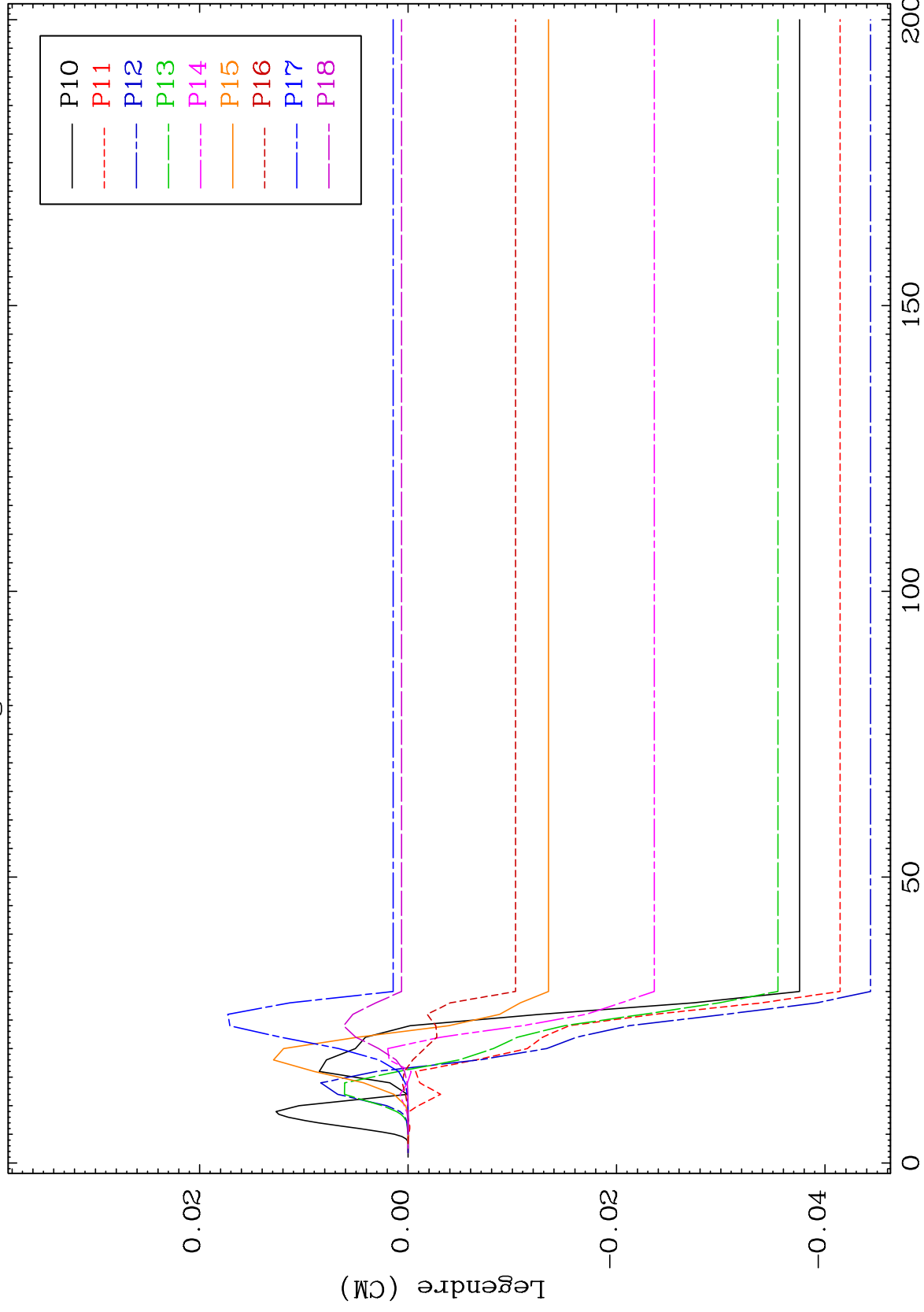
68-Er-154



MAT 6801

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

68-Er-154



21

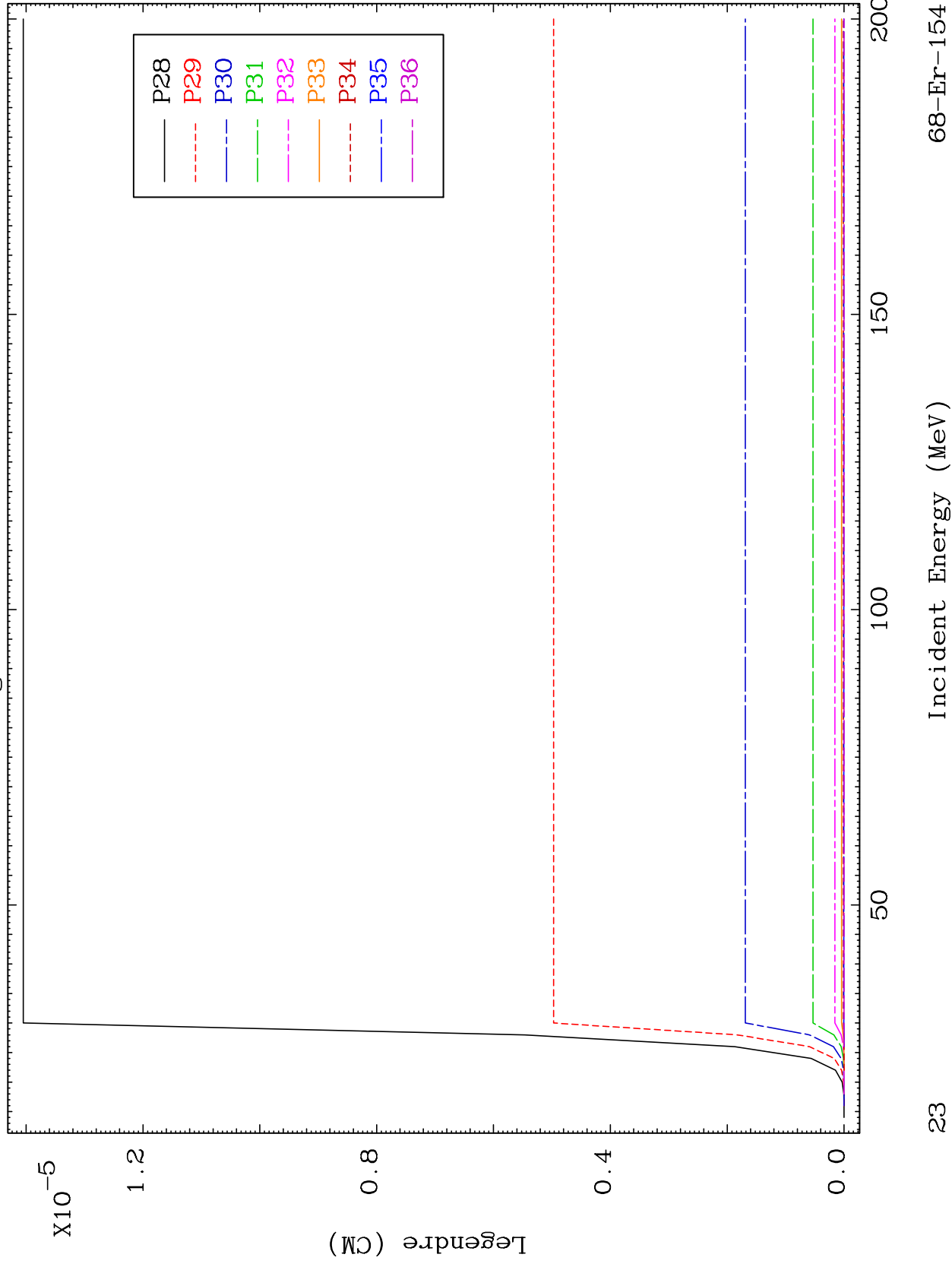
Incident Energy (MeV)

68-Er-154

MAT 6801

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

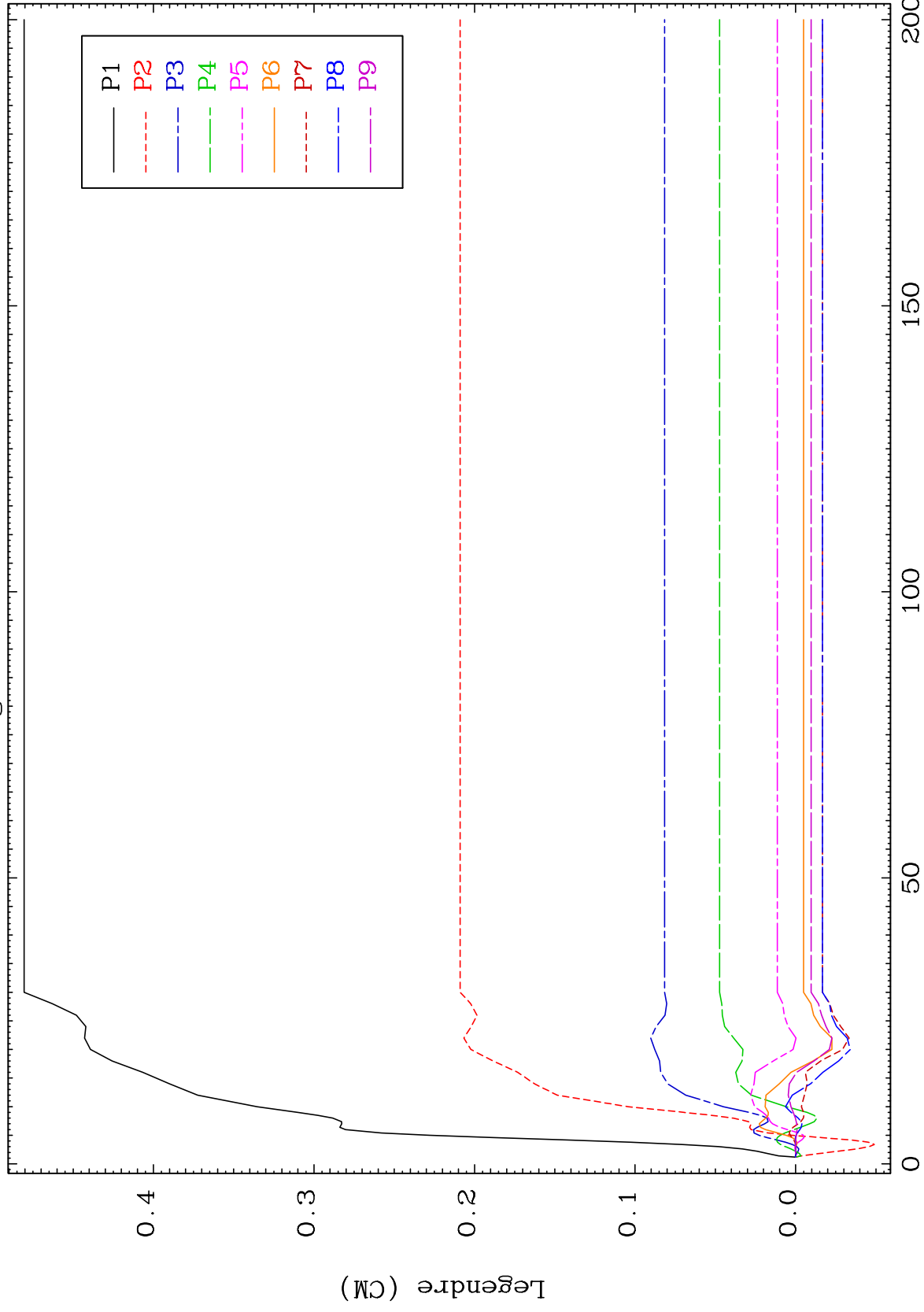
68-Er-154



MAT 6801

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

68-Er-154



24

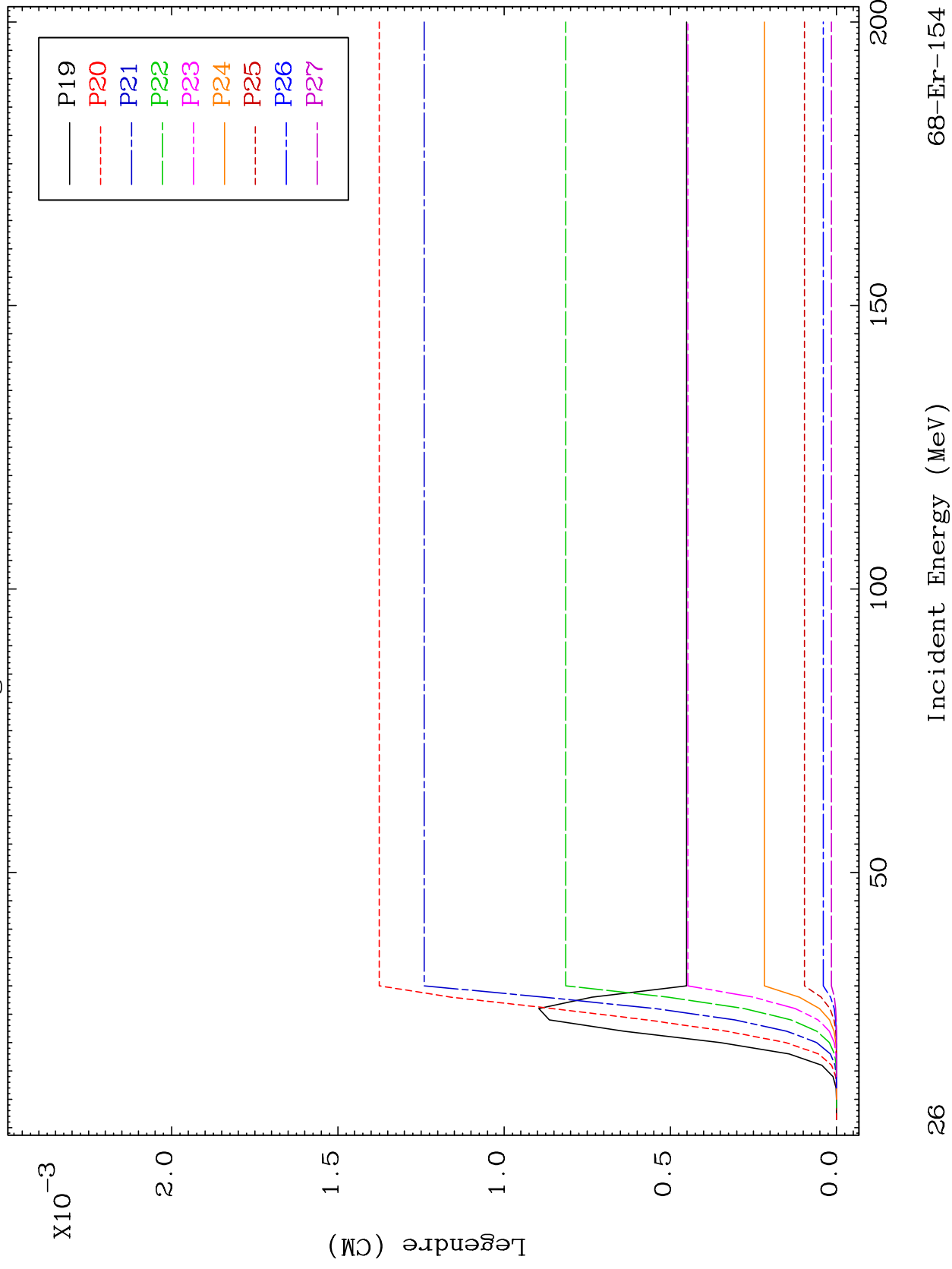
Incident Energy (MeV)

68-Er-154

MAT 6801

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

68-Er-154



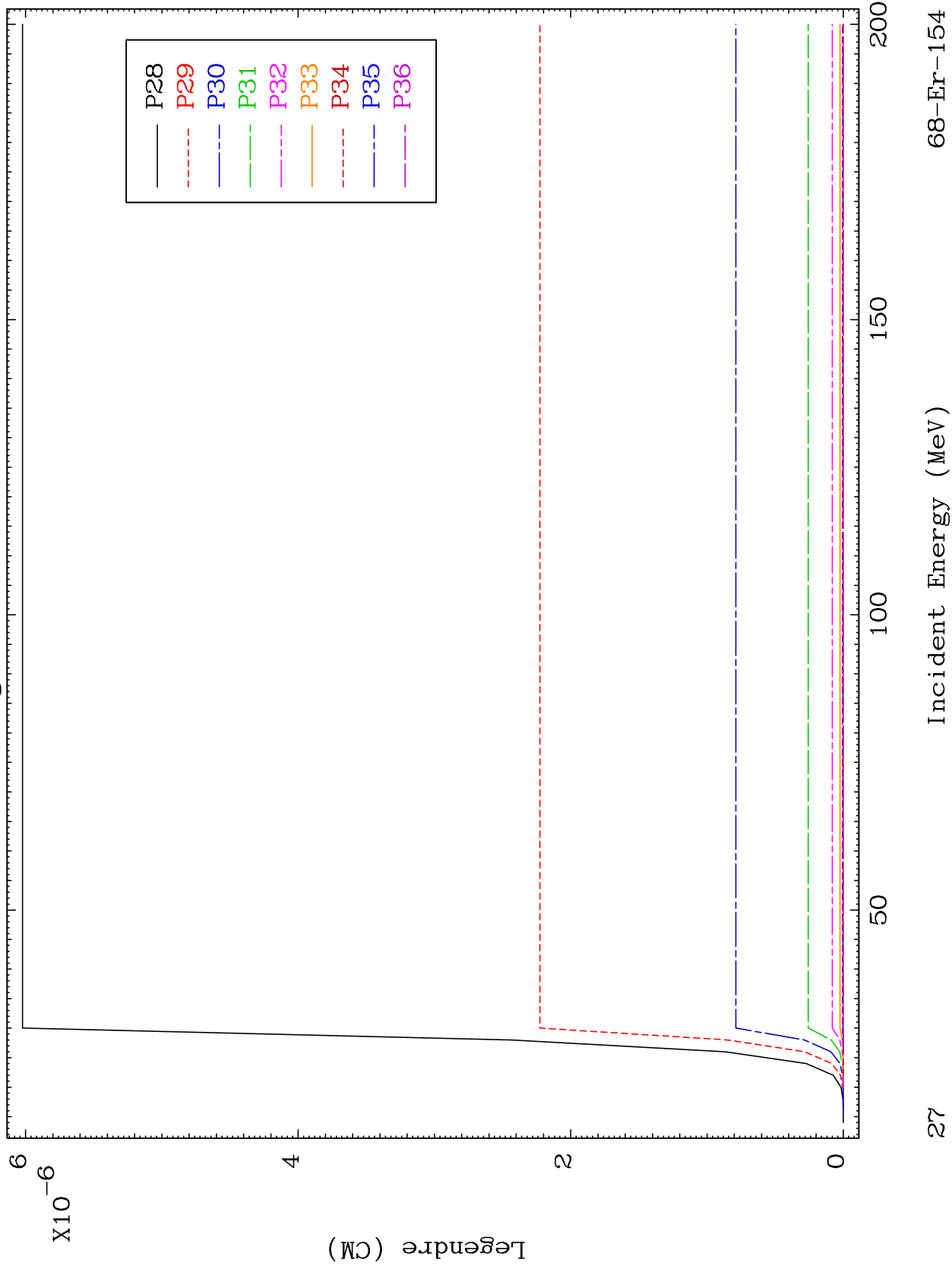
26

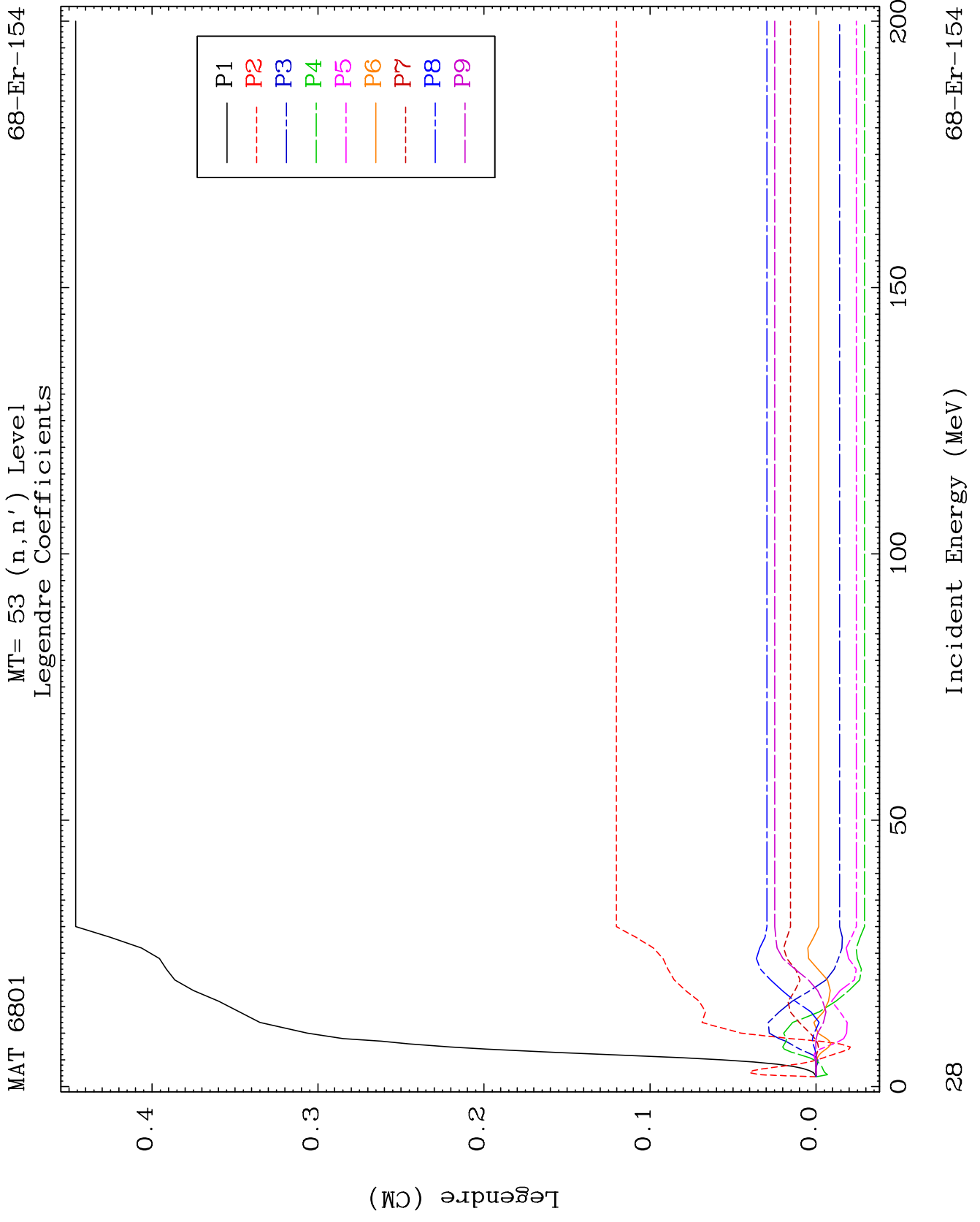
68-Er-154

MAT 6801

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

68-Er-154

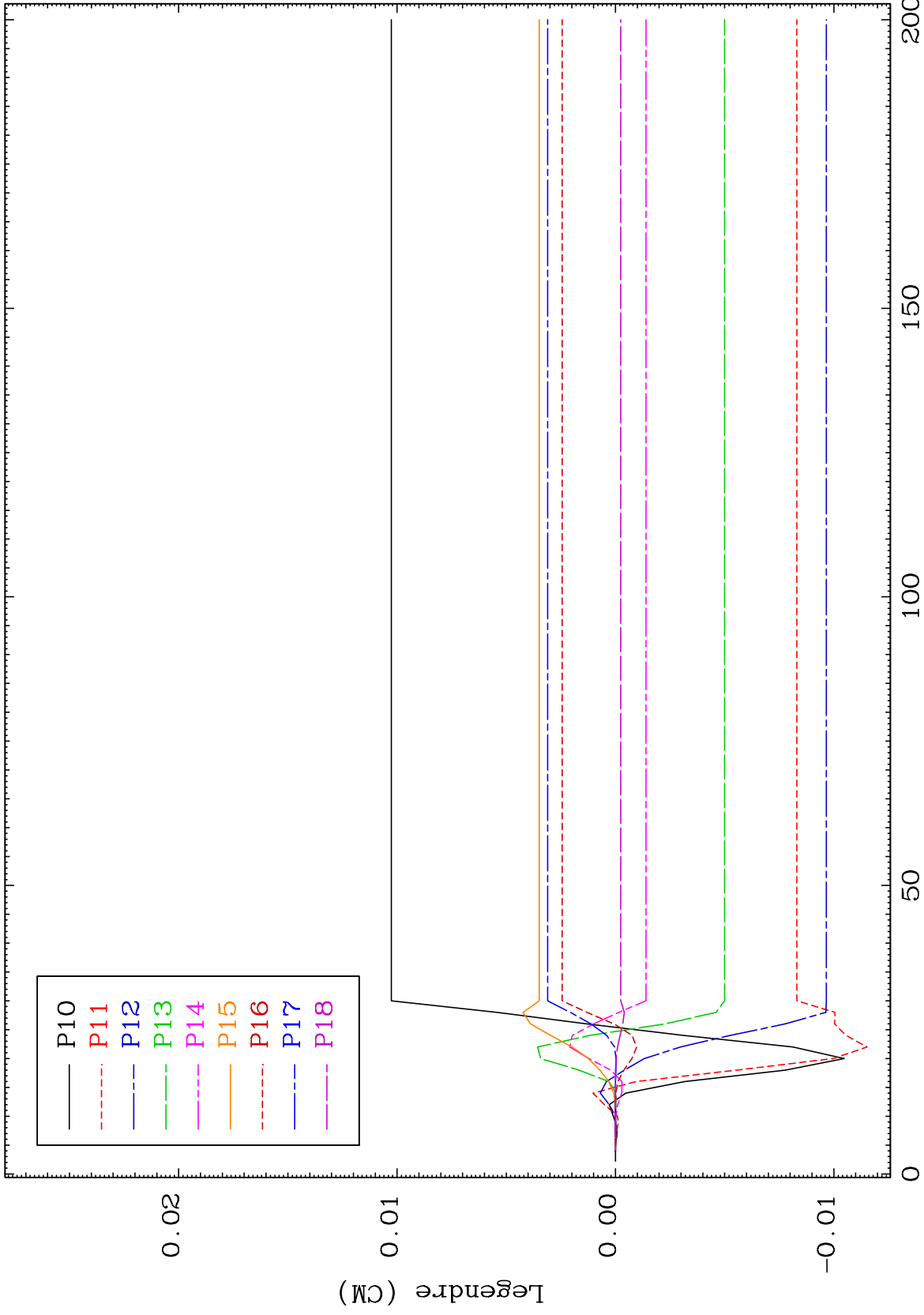




MAT 6801

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

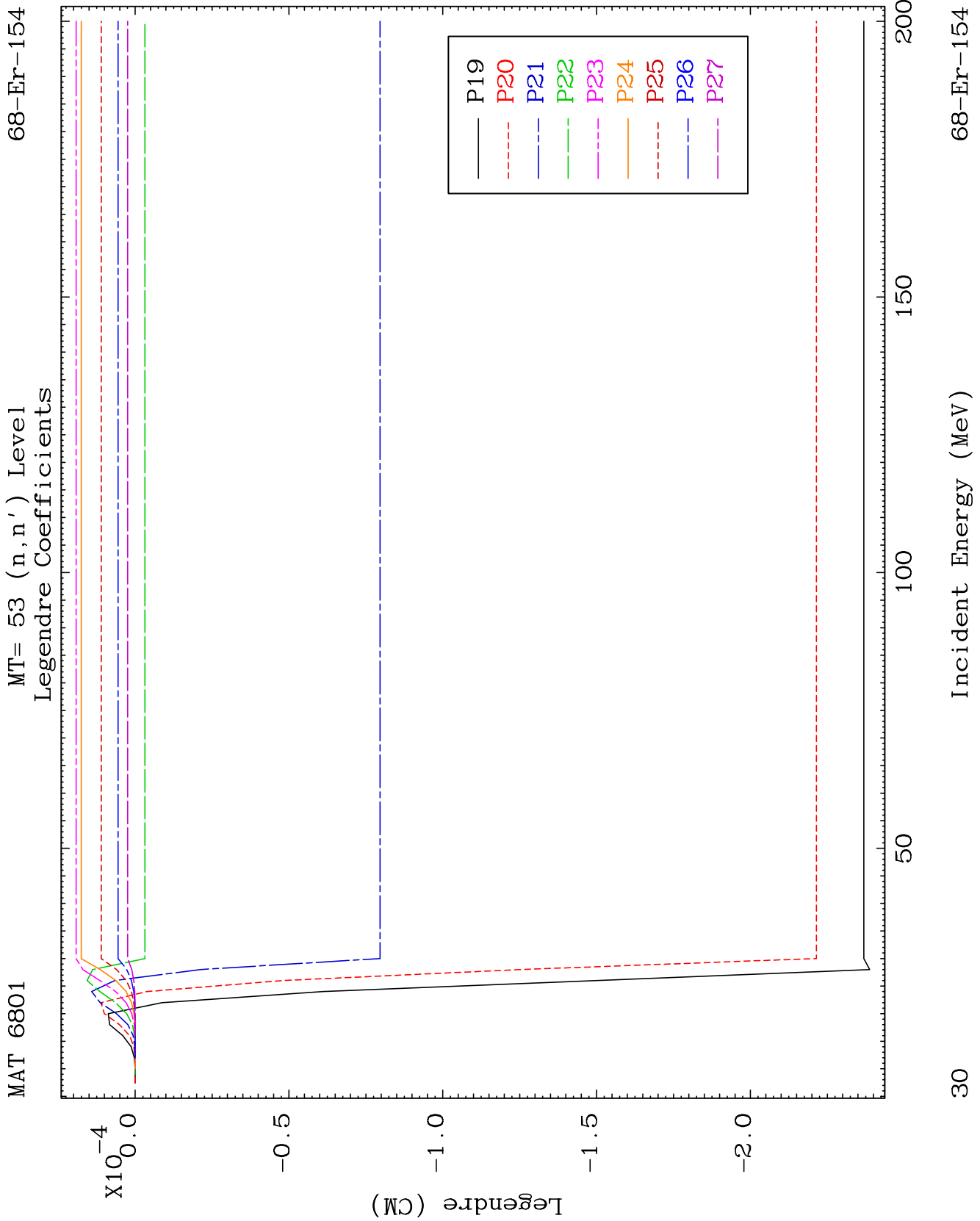
68-Er-154



29

Incident Energy (MeV)

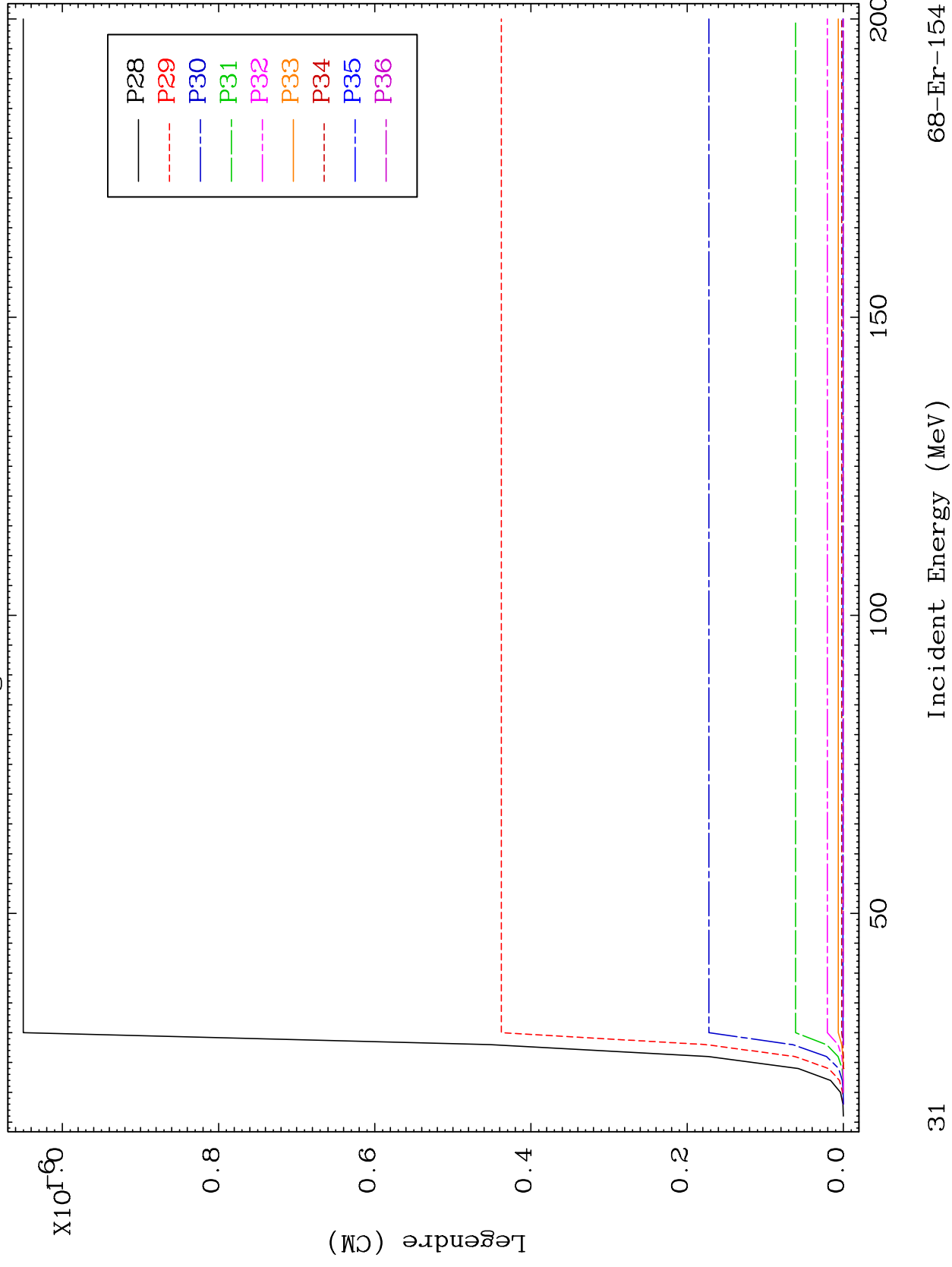
68-Er-154



MAT 6801

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

68-Er-154

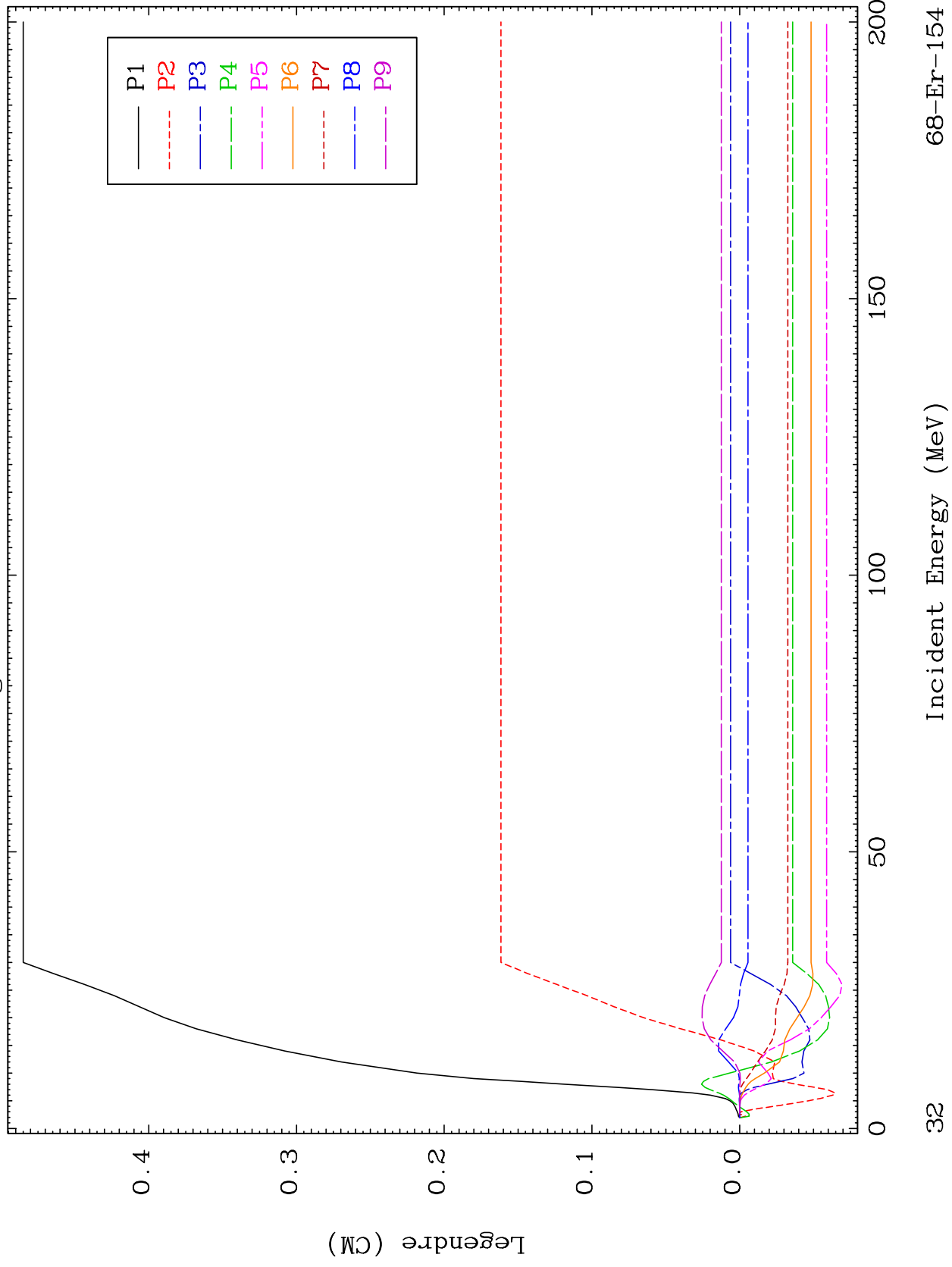


31

MAT 6801

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

68-Er-154



68-Er-154

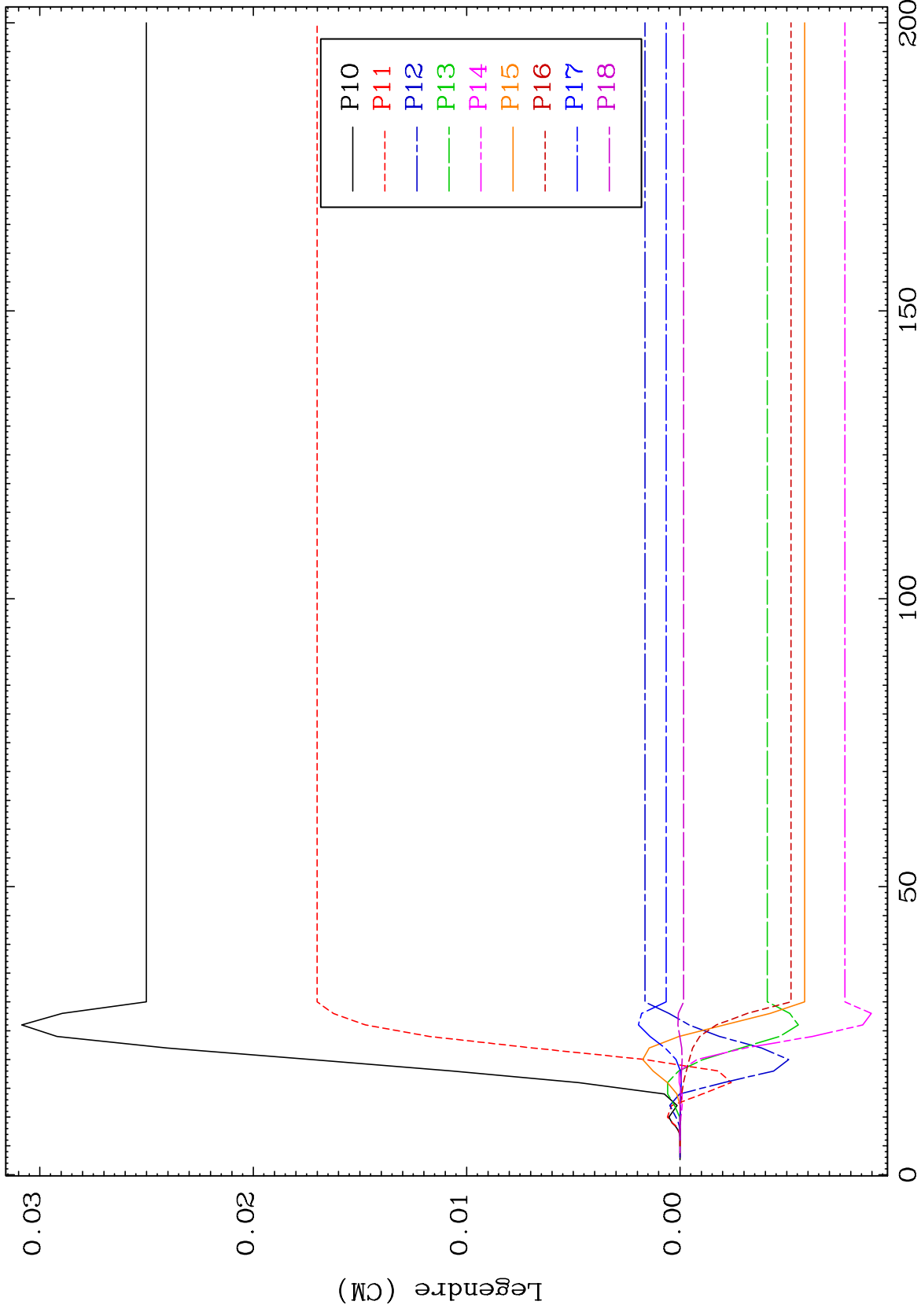
Incident Energy (MeV)

32

MAT 6801

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

68-Er-154



33

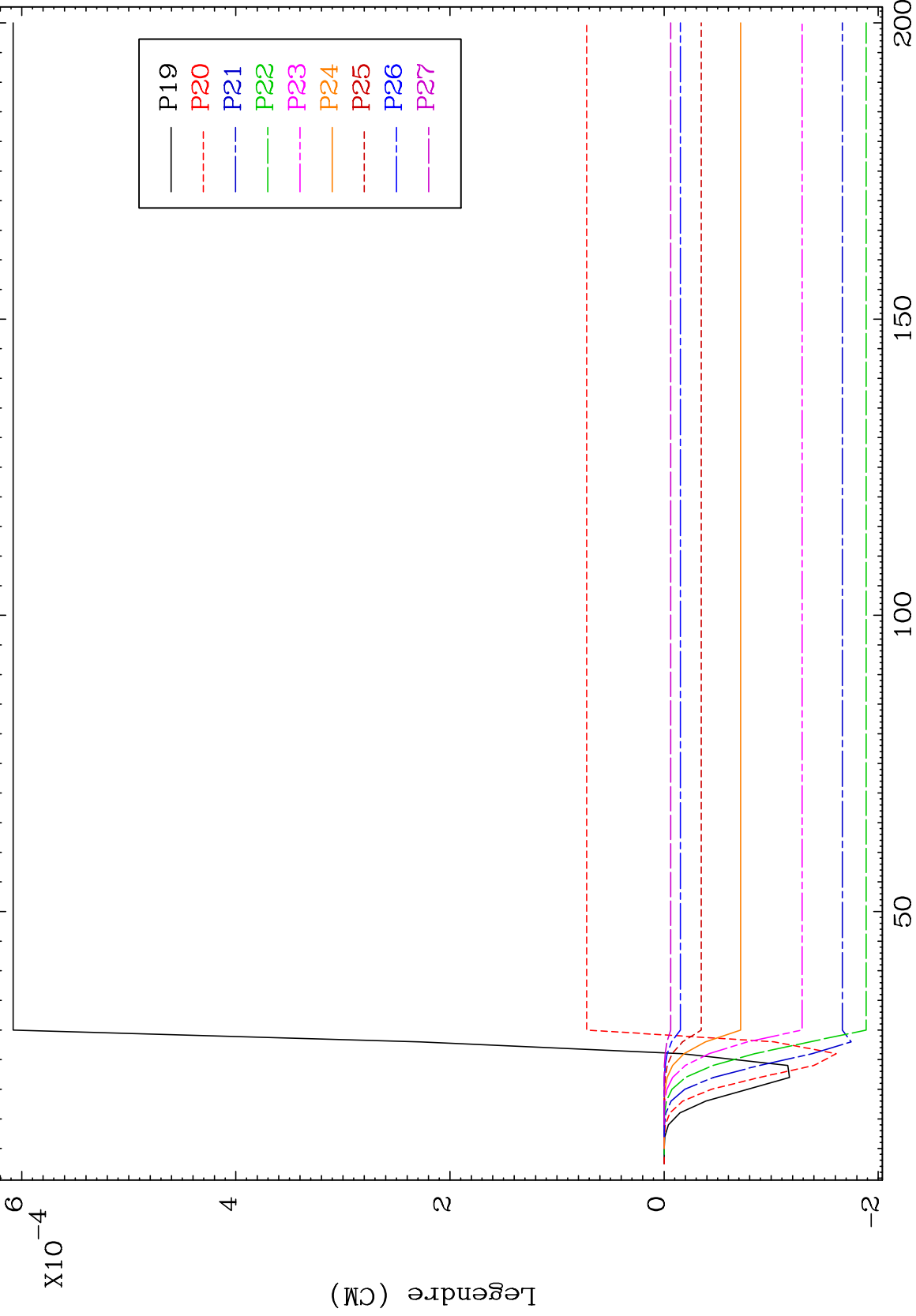
Incident Energy (MeV)

68-Er-154

MAT 6801

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

68-Er-154



34

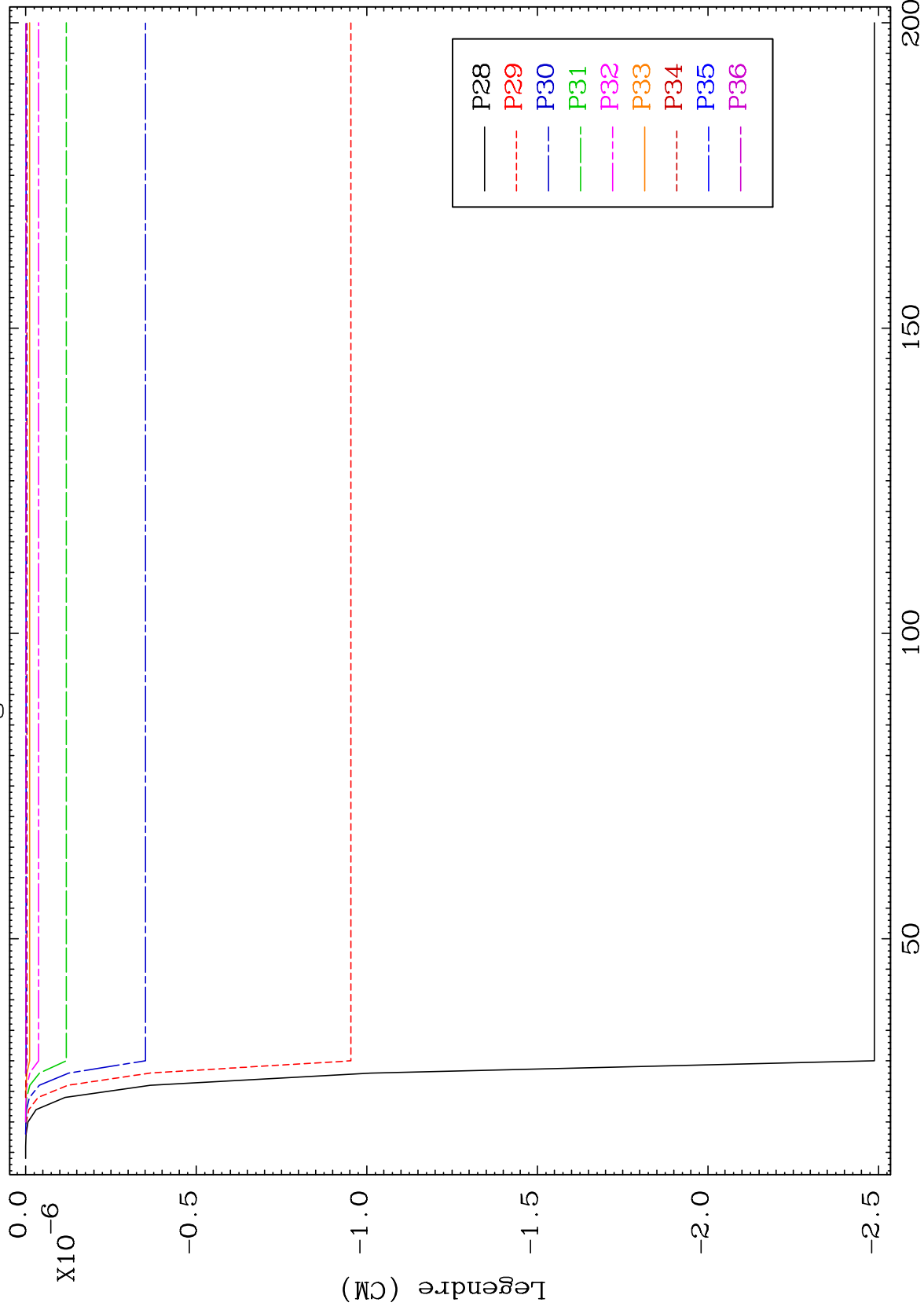
Incident Energy (MeV)

68-Er-154

MAT 6801

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

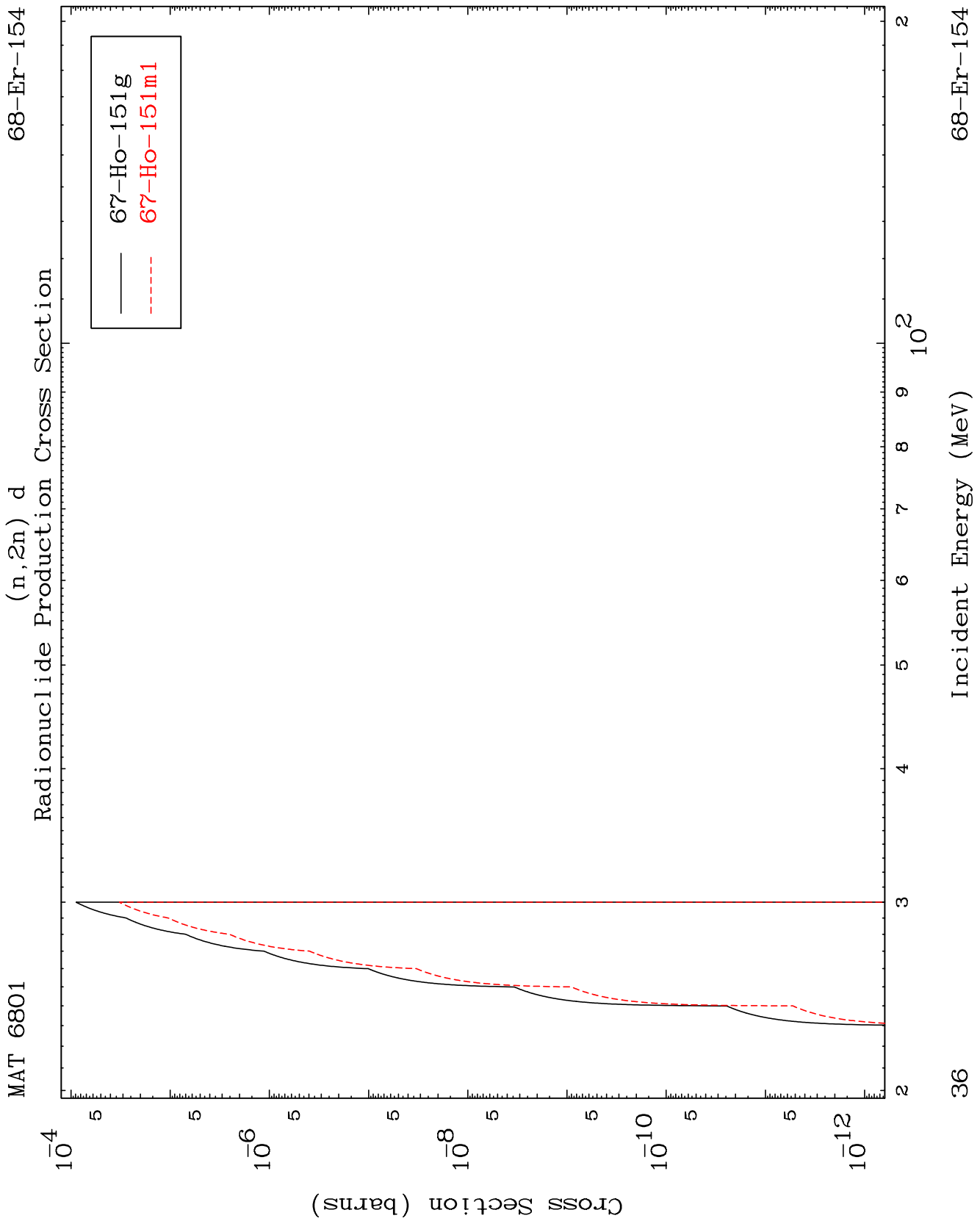
68-Er-154



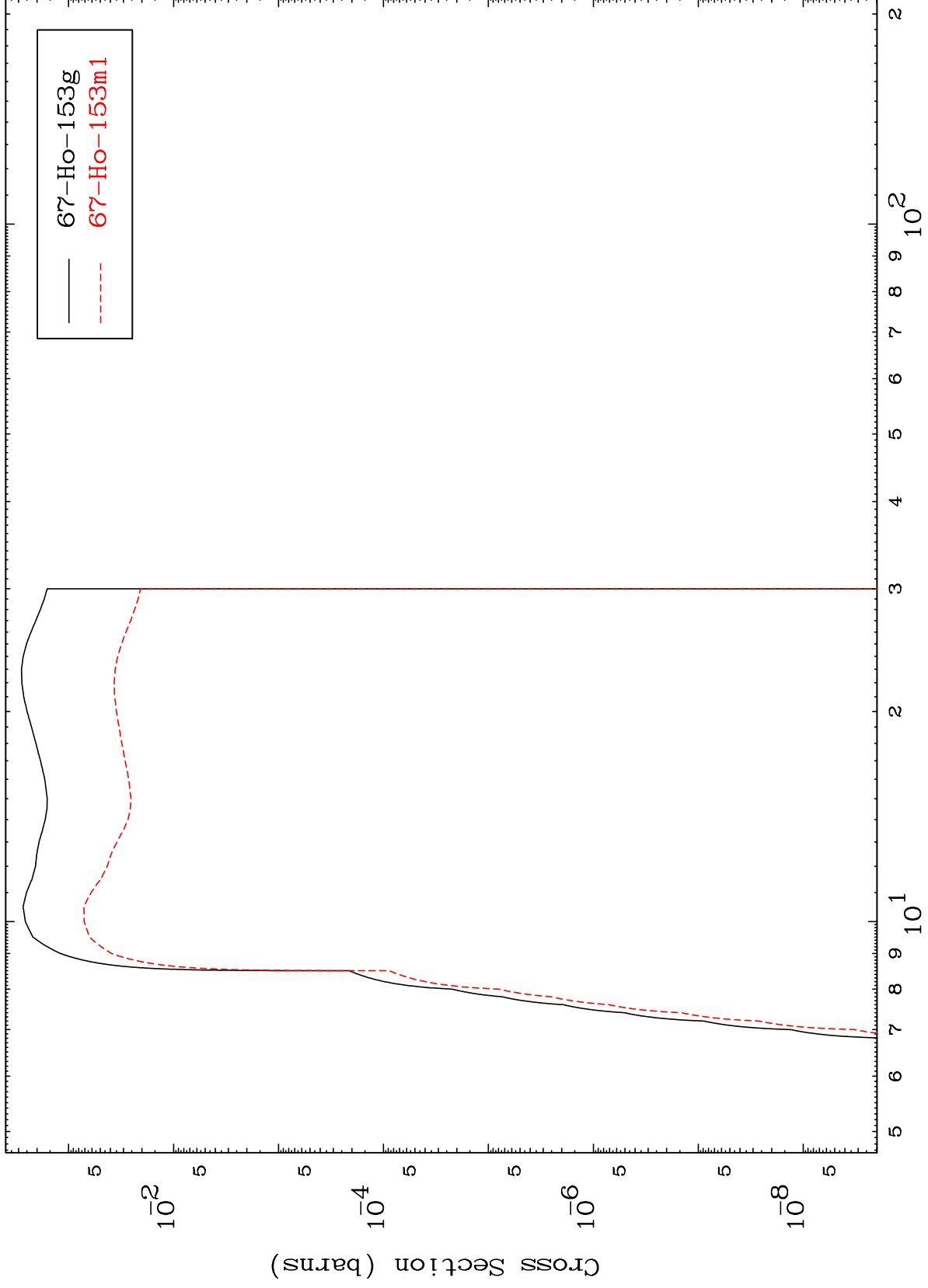
68-Er-154

Incident Energy (MeV)

35



(n,n') p
Radionuclide Production Cross Section

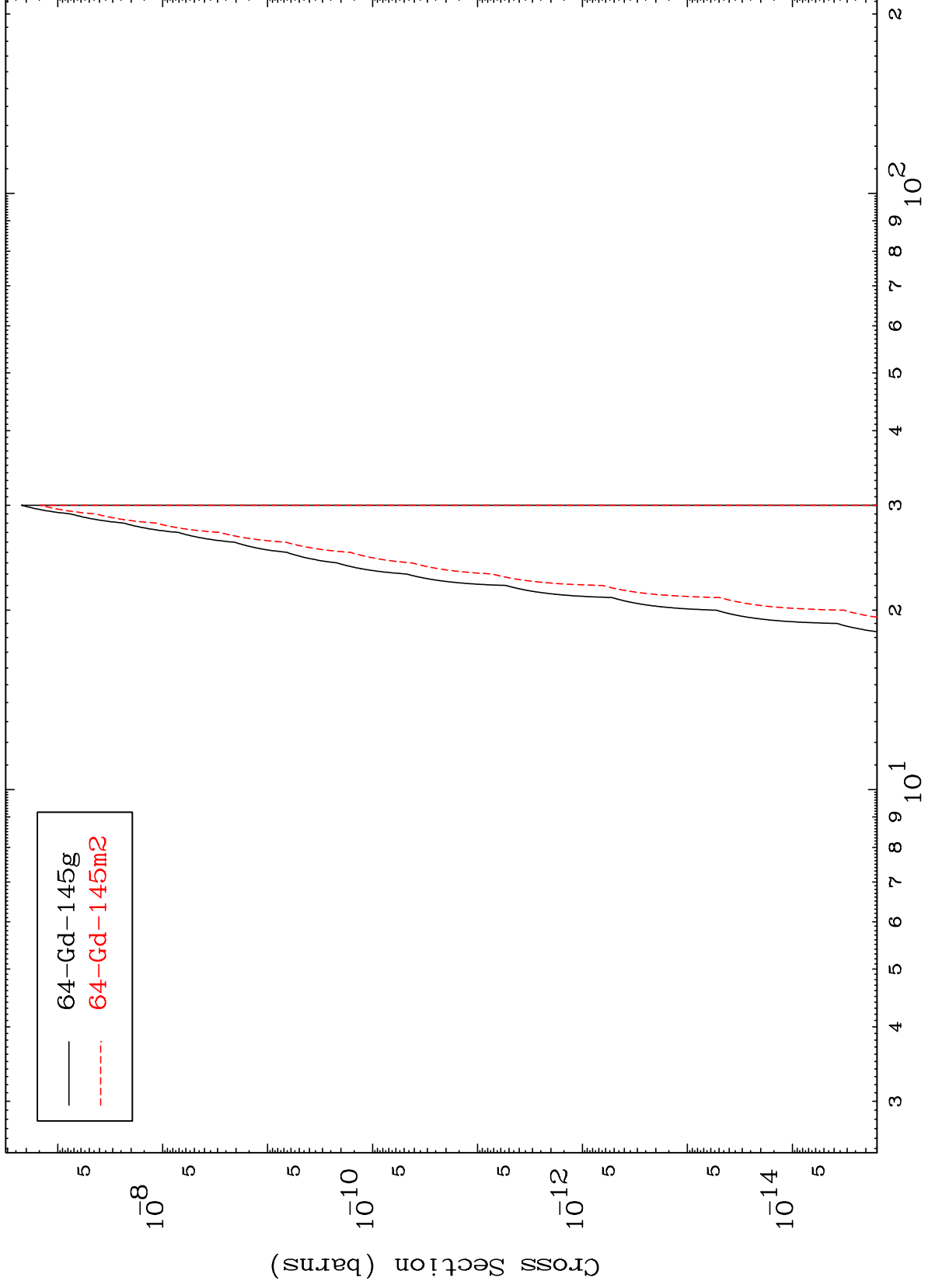


MAT 6801

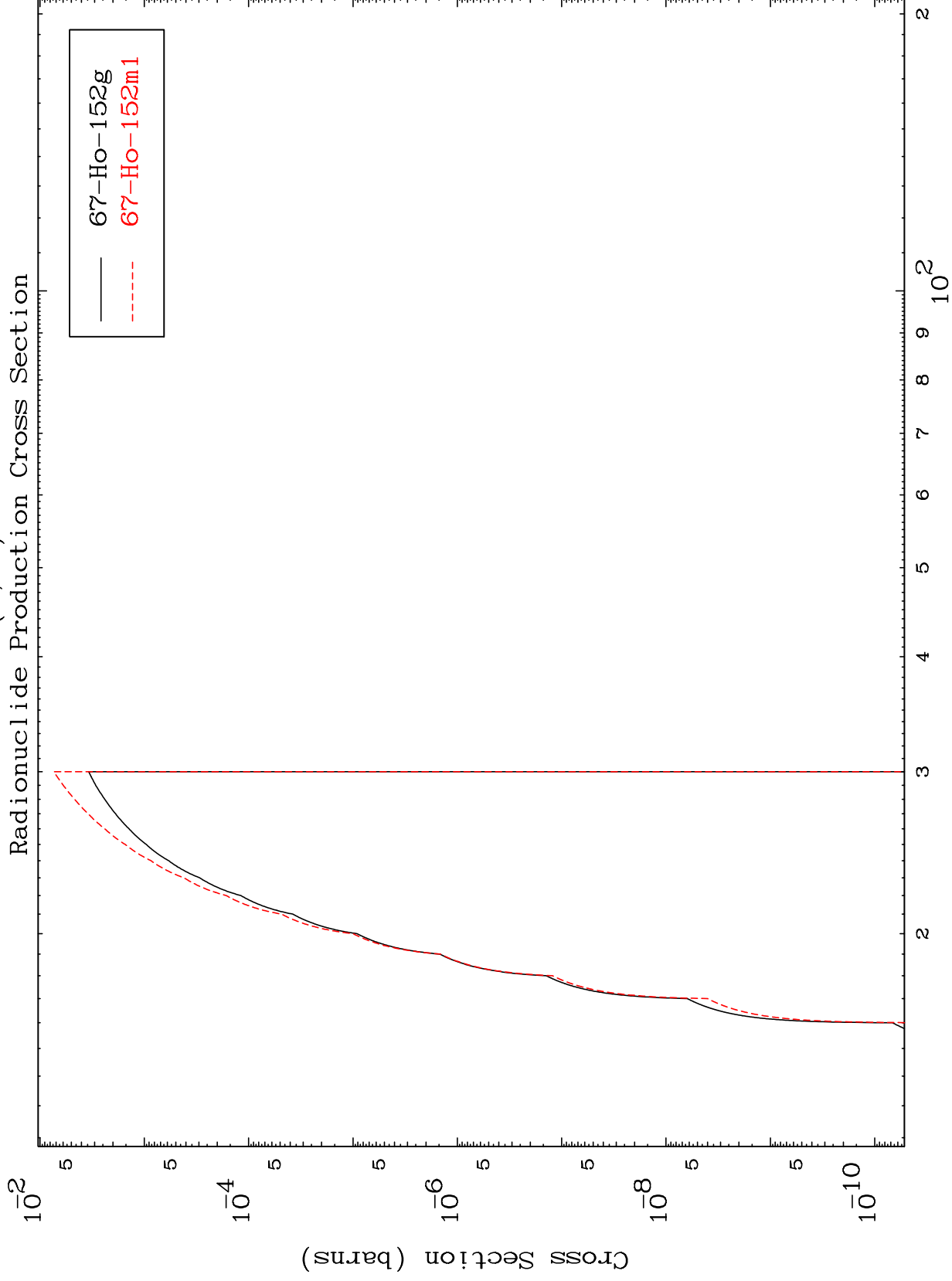
$(n,2n) 2\alpha$

68-Er-154

Radionuclide Production Cross Section



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

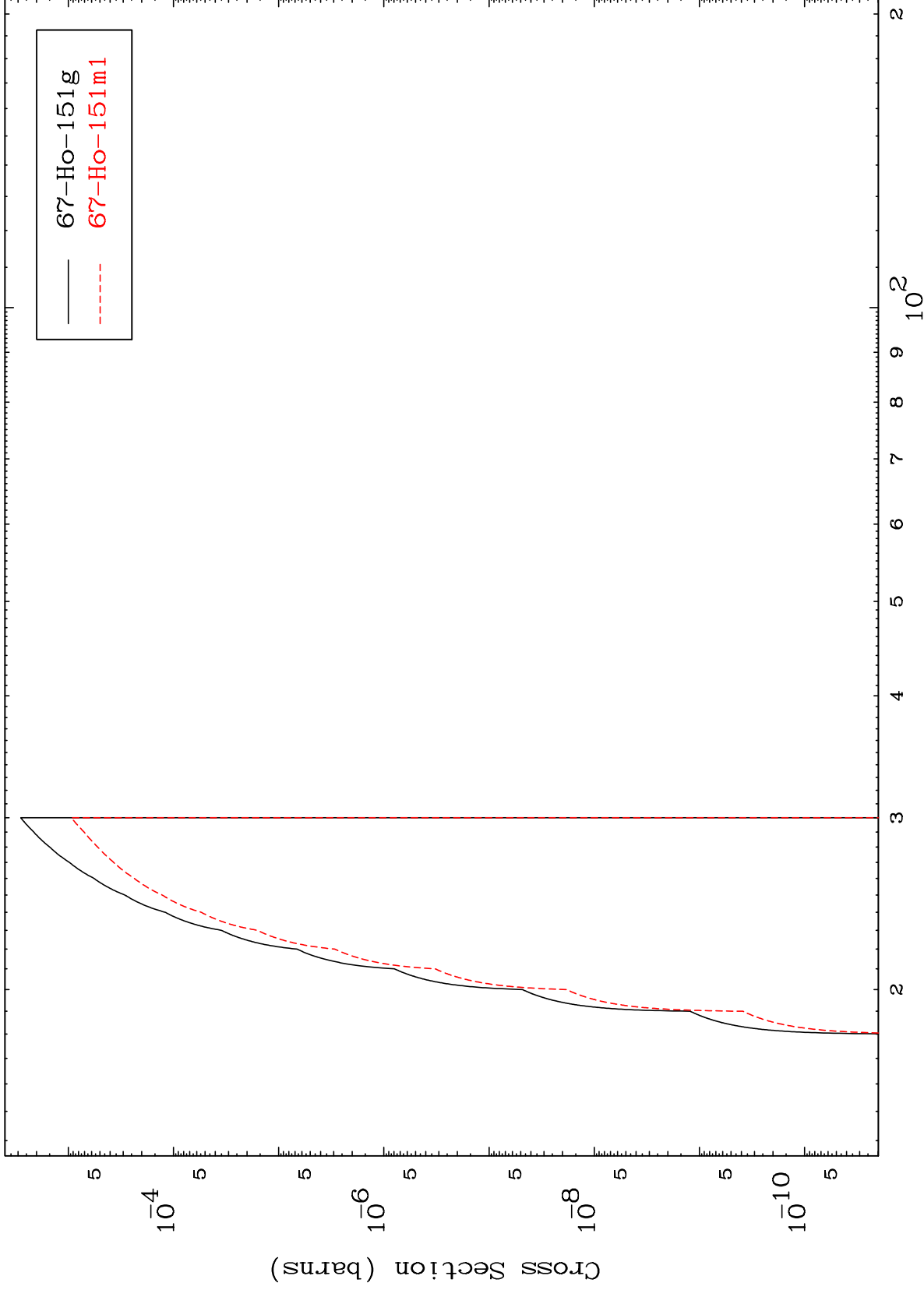


MAT 6801

(n,n') t

68-Er-154

Radionuclide Production Cross Section

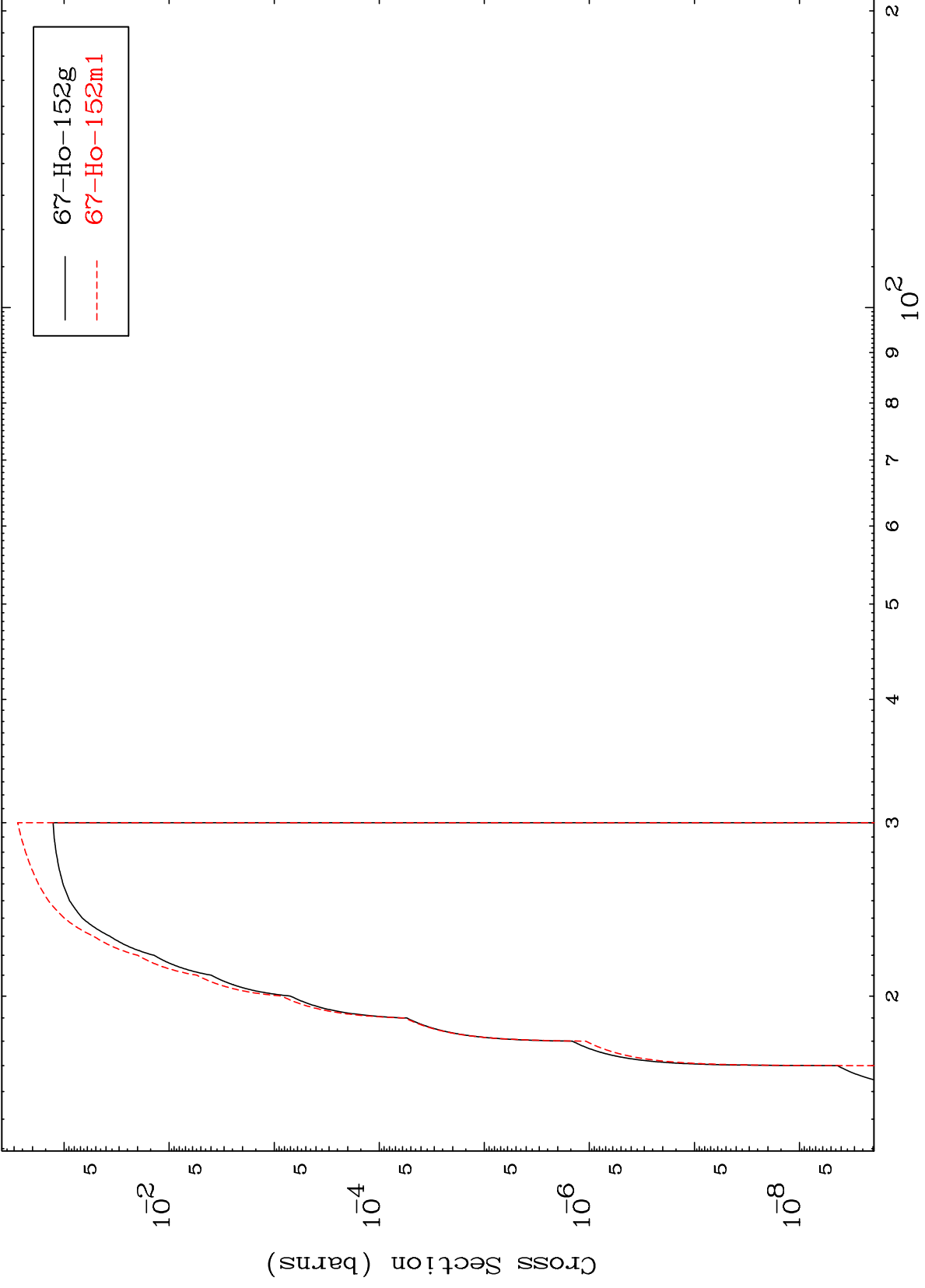


40

Incident Energy (MeV)

68-Er-154

Radionuclide Production Cross Section

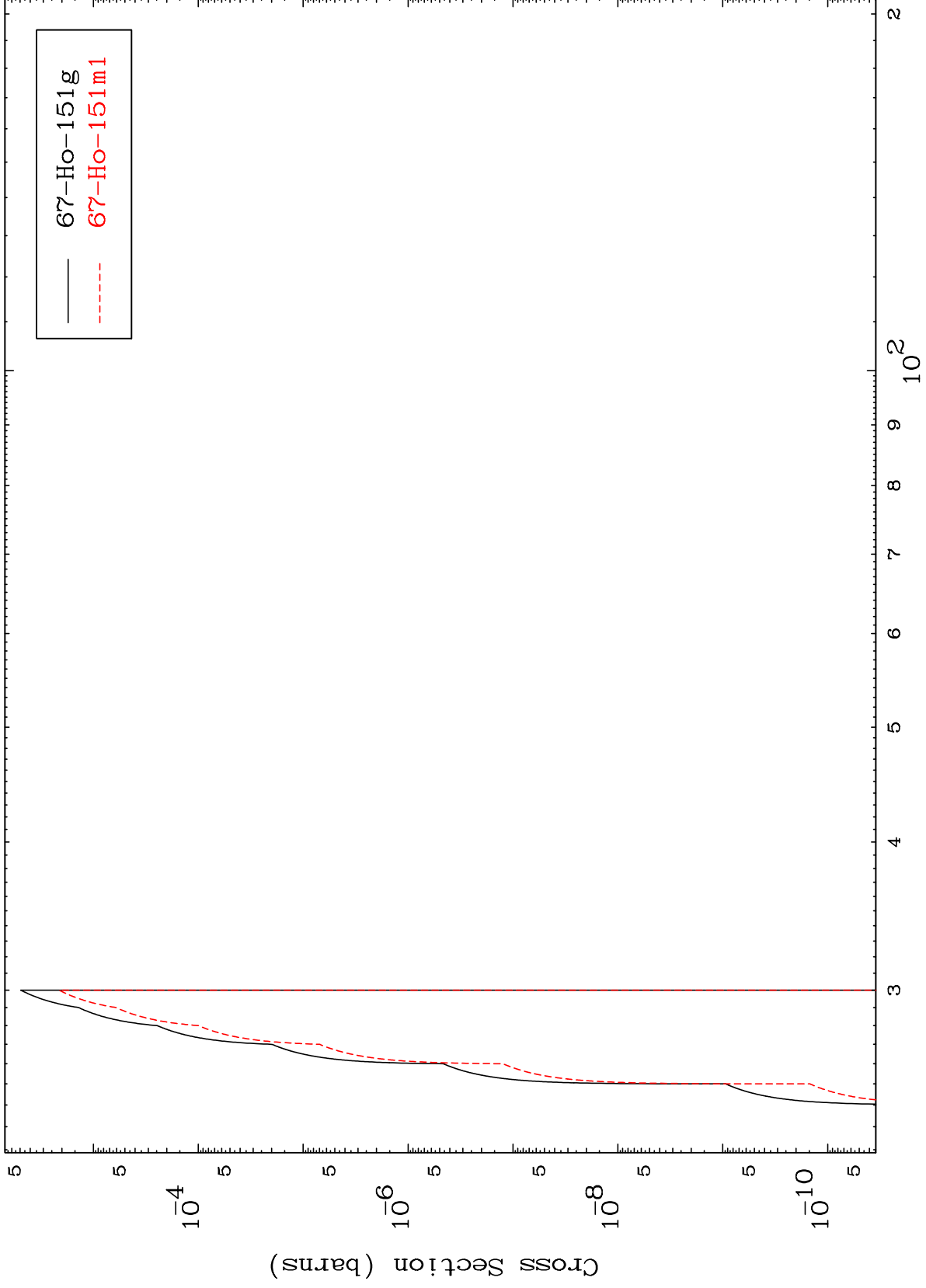


MAT 6801

(n,3n) p

68-Er-154

Radionuclide Production Cross Section



42

Incident Energy (MeV)

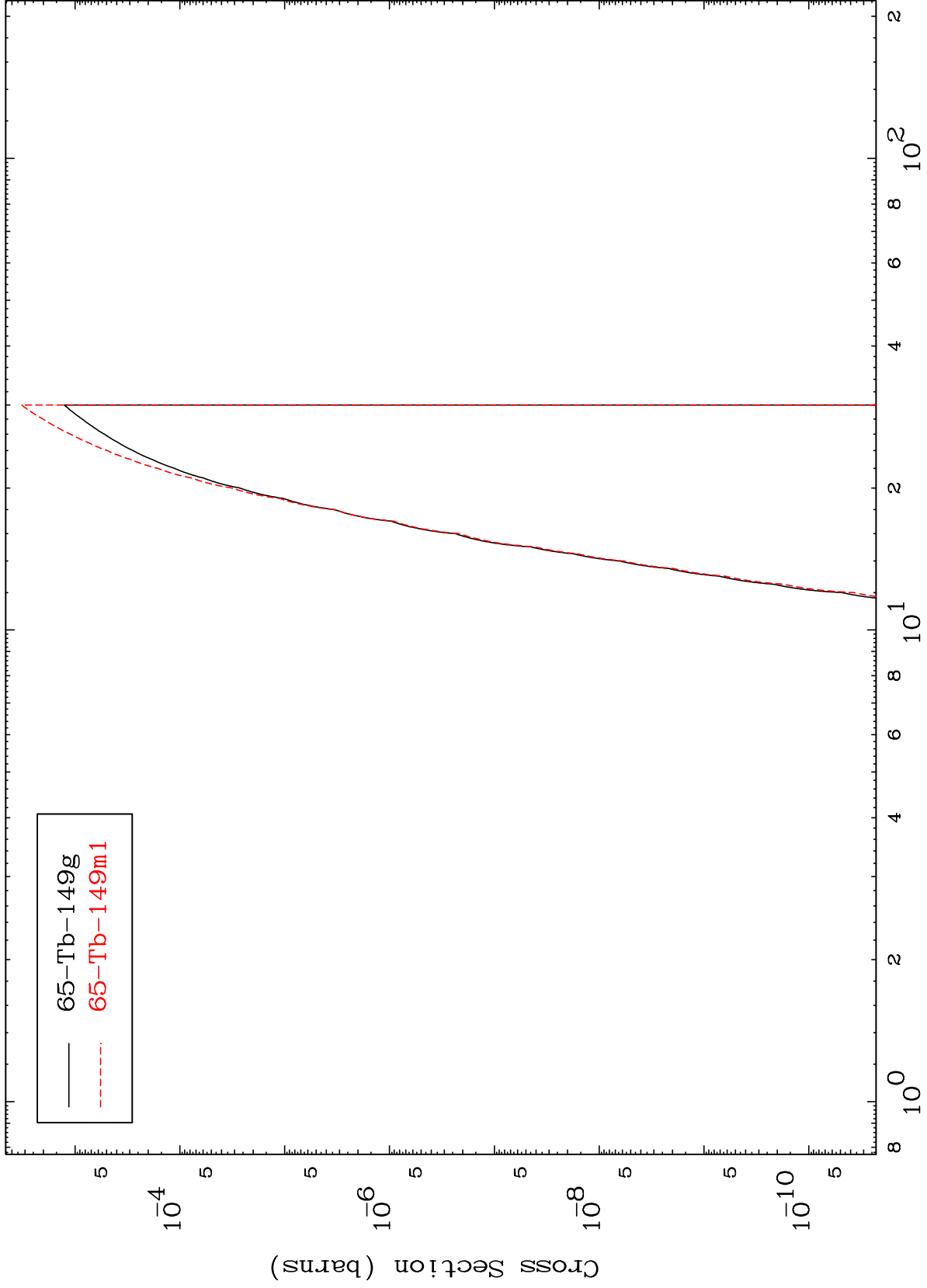
68-Er-154

MAT 6801

(n,n') p α

68-Er-154

Radionuclide Production Cross Section



43

Incident Energy (MeV)

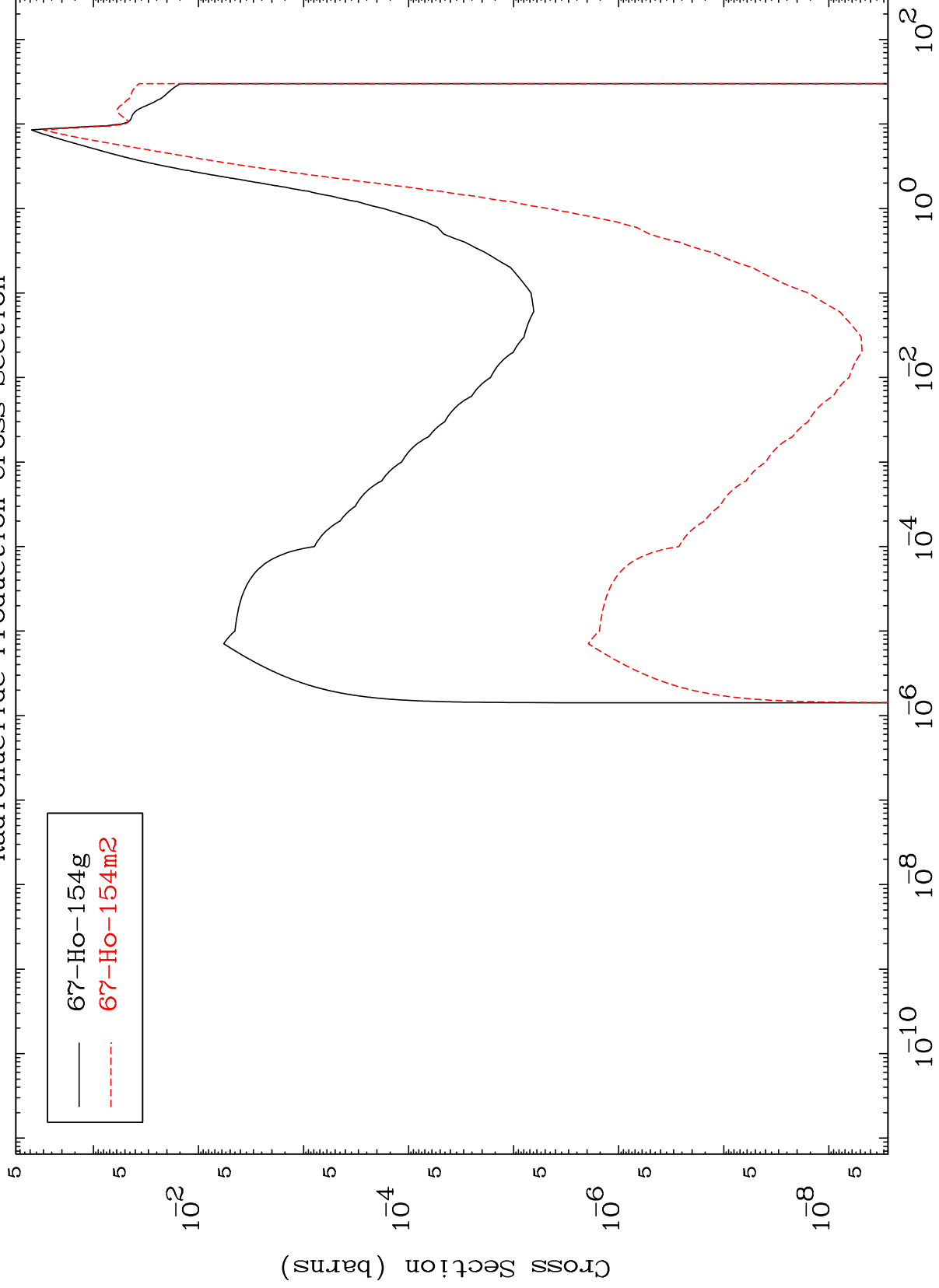
68-Er-154

MAT 6801

(n,p)

⁶⁸Er-154

Radionuclide Production Cross Section



— 67-Ho-154g
- - - 67-Ho-154m2

Incident Energy (MeV)

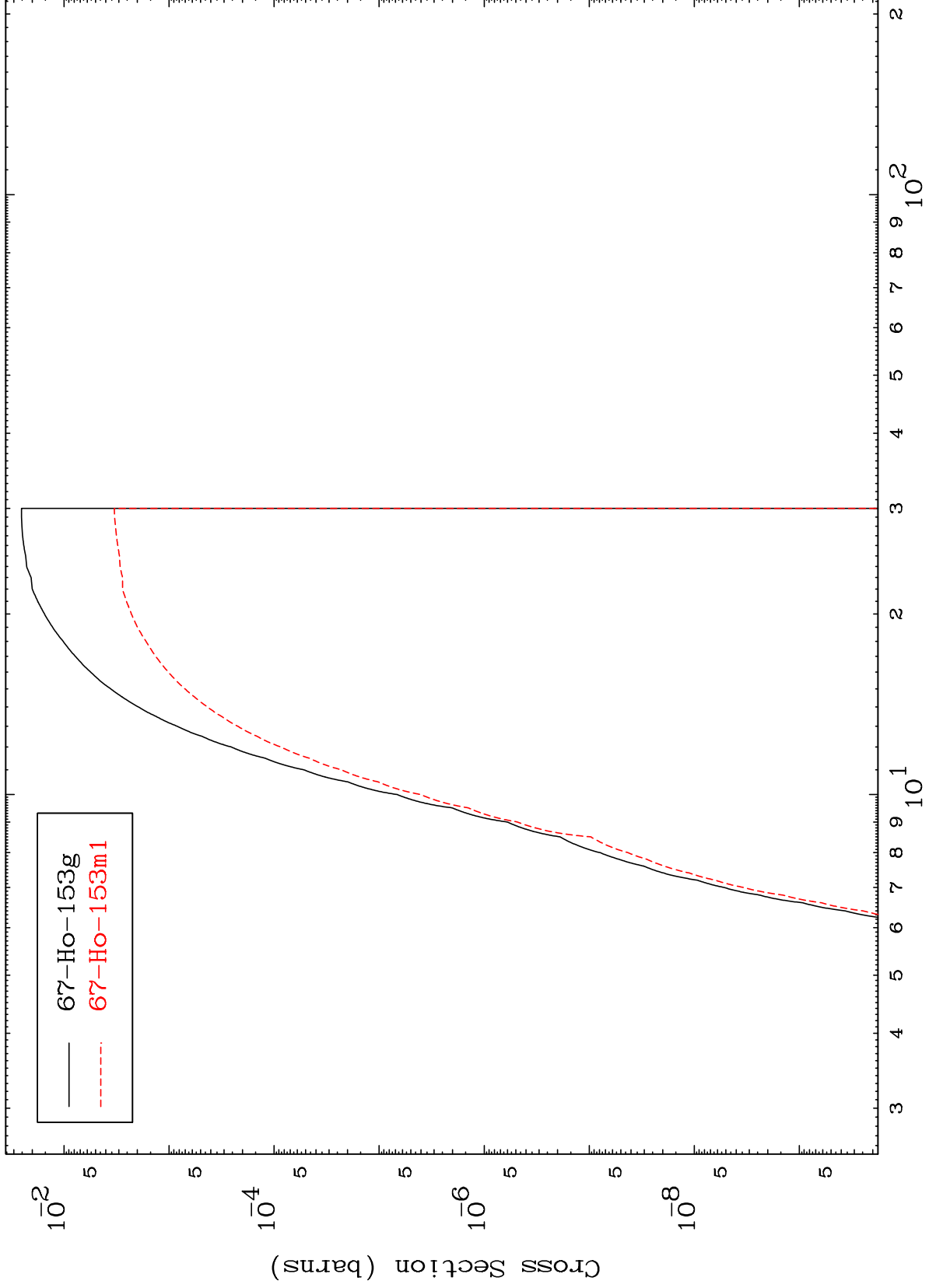
⁶⁸Er-154

44

MAT 6801

68-Er-154

(n,d)
Radionuclide Production Cross Section



45

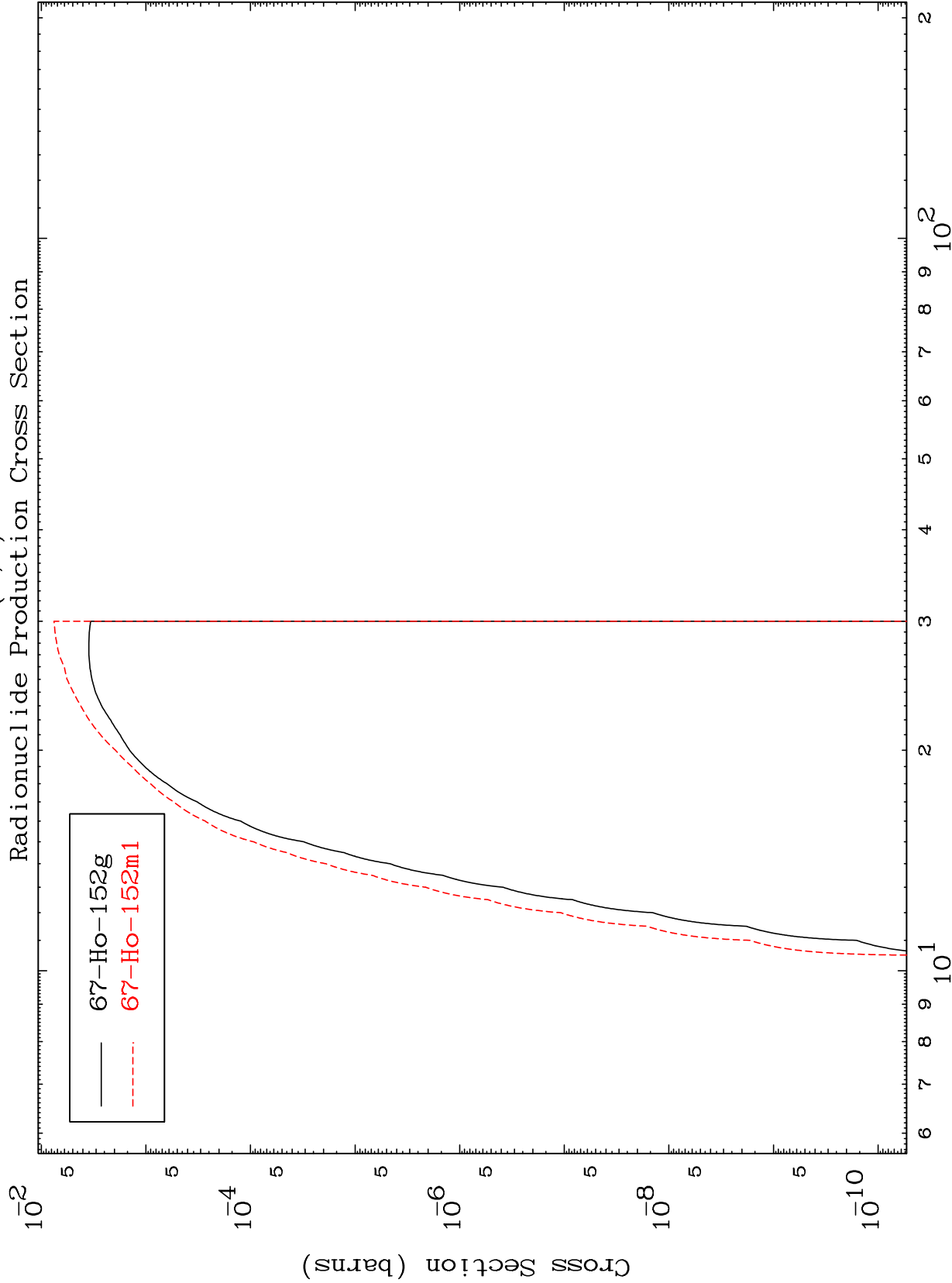
Incident Energy (MeV)

68-Er-154

MAT 6801

68-Er-154

(n, t)
Radionuclide Production Cross Section



67-Ho-152g
67-Ho-152m1

68-Er-154

Incident Energy (MeV)

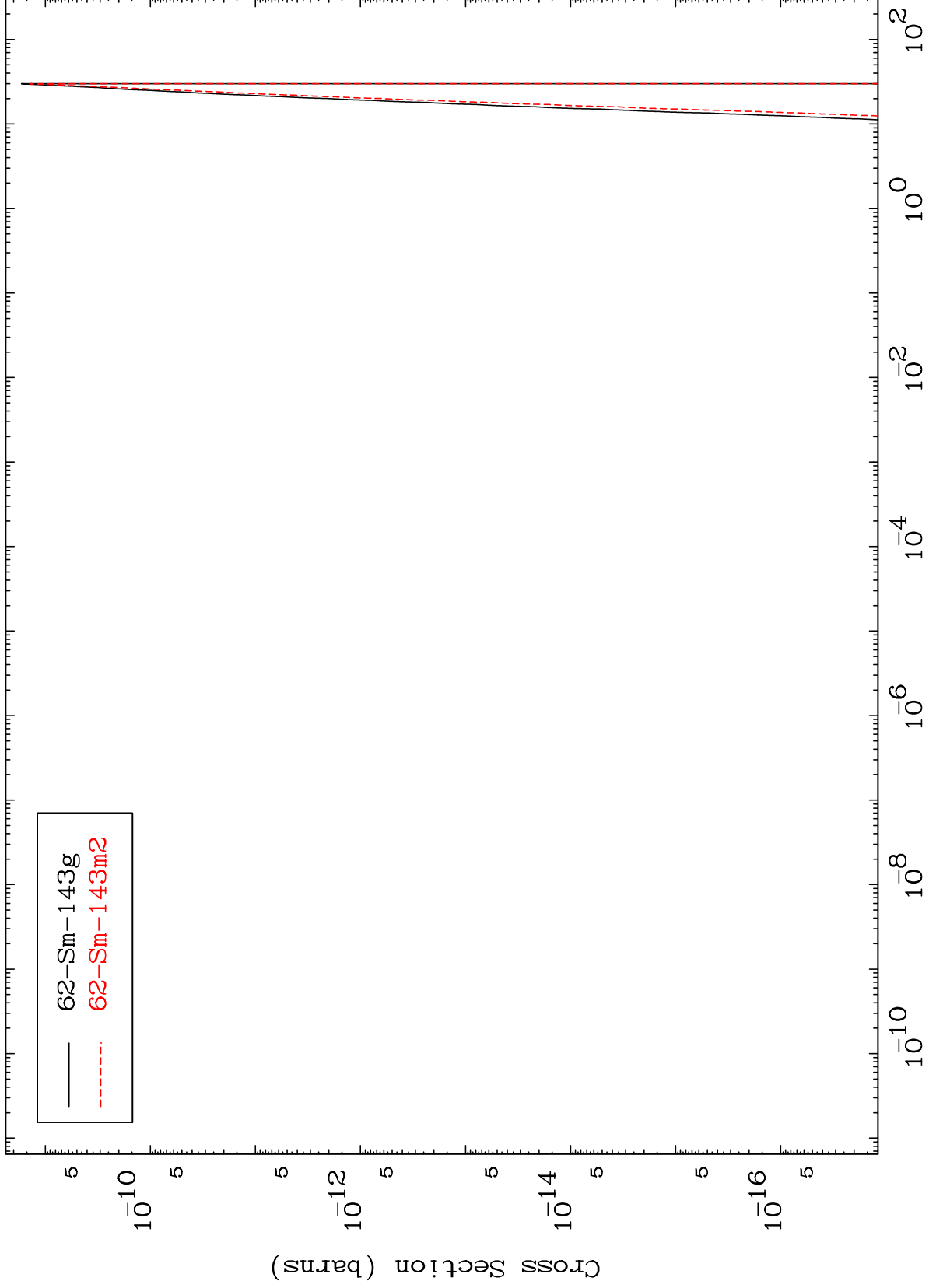
46

MAT 6801

(n,3 α)

68-Er-154

Radionuclide Production Cross Section

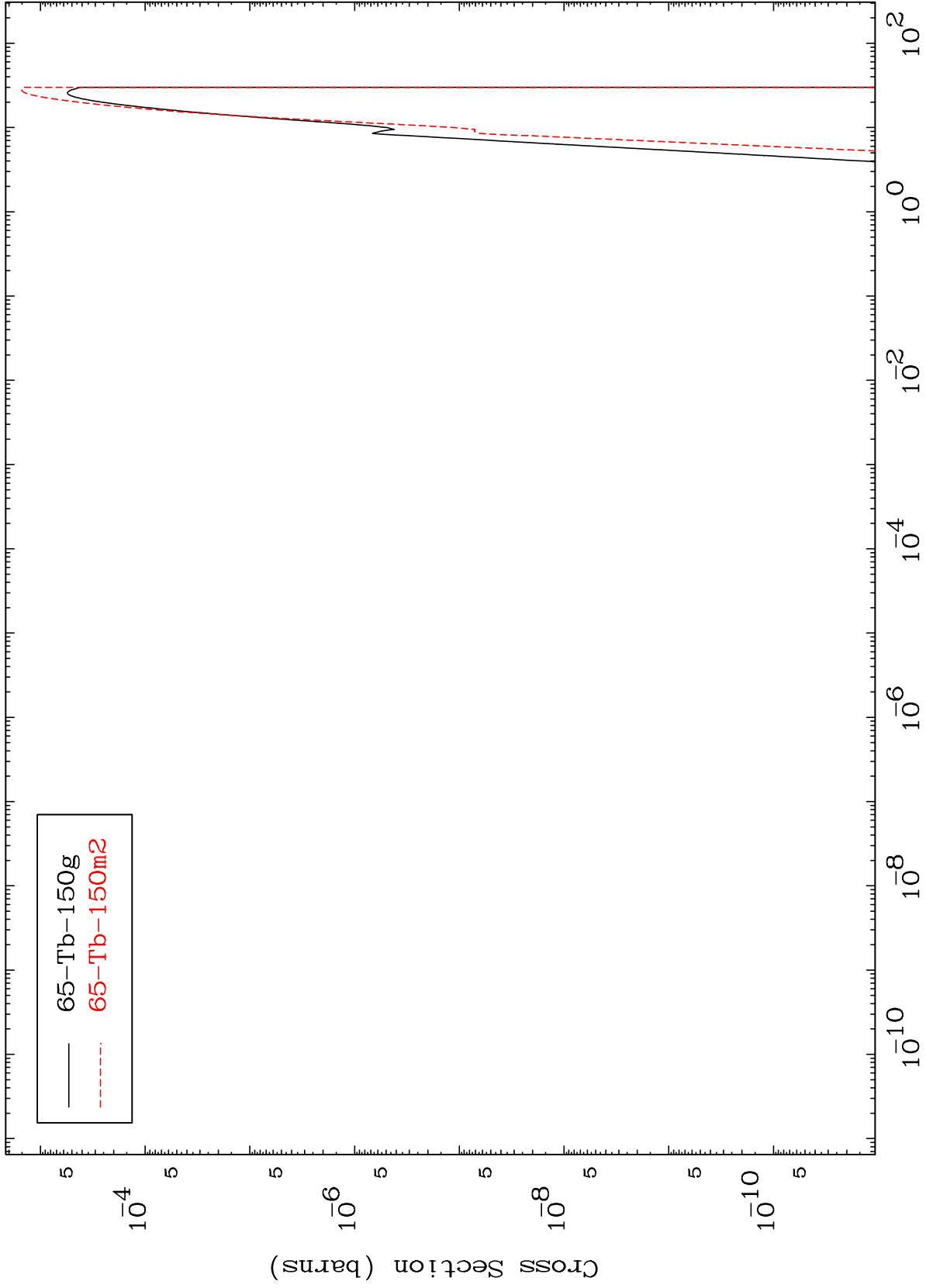


MAT 6801

(n,p) α

68-Er-154

Radionuclide Production Cross Section



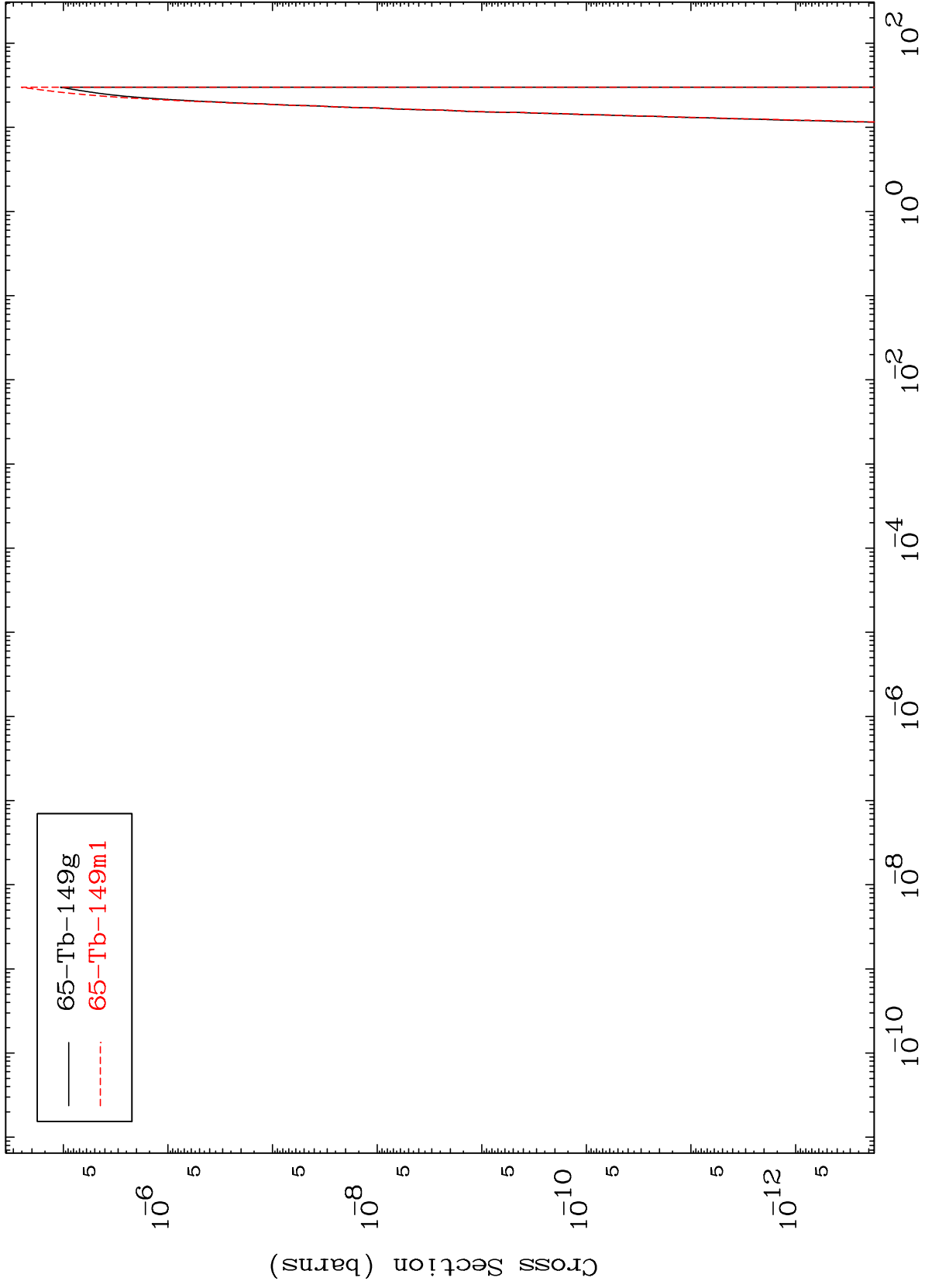
65-Tb-150g
65-Tb-150m2

MAT 6801

(n,d) α

68-Er-154

Radionuclide Production Cross Section



49

Incident Energy (MeV)

68-Er-154