

Program EVALPLOT
(Version 2021-1)

by

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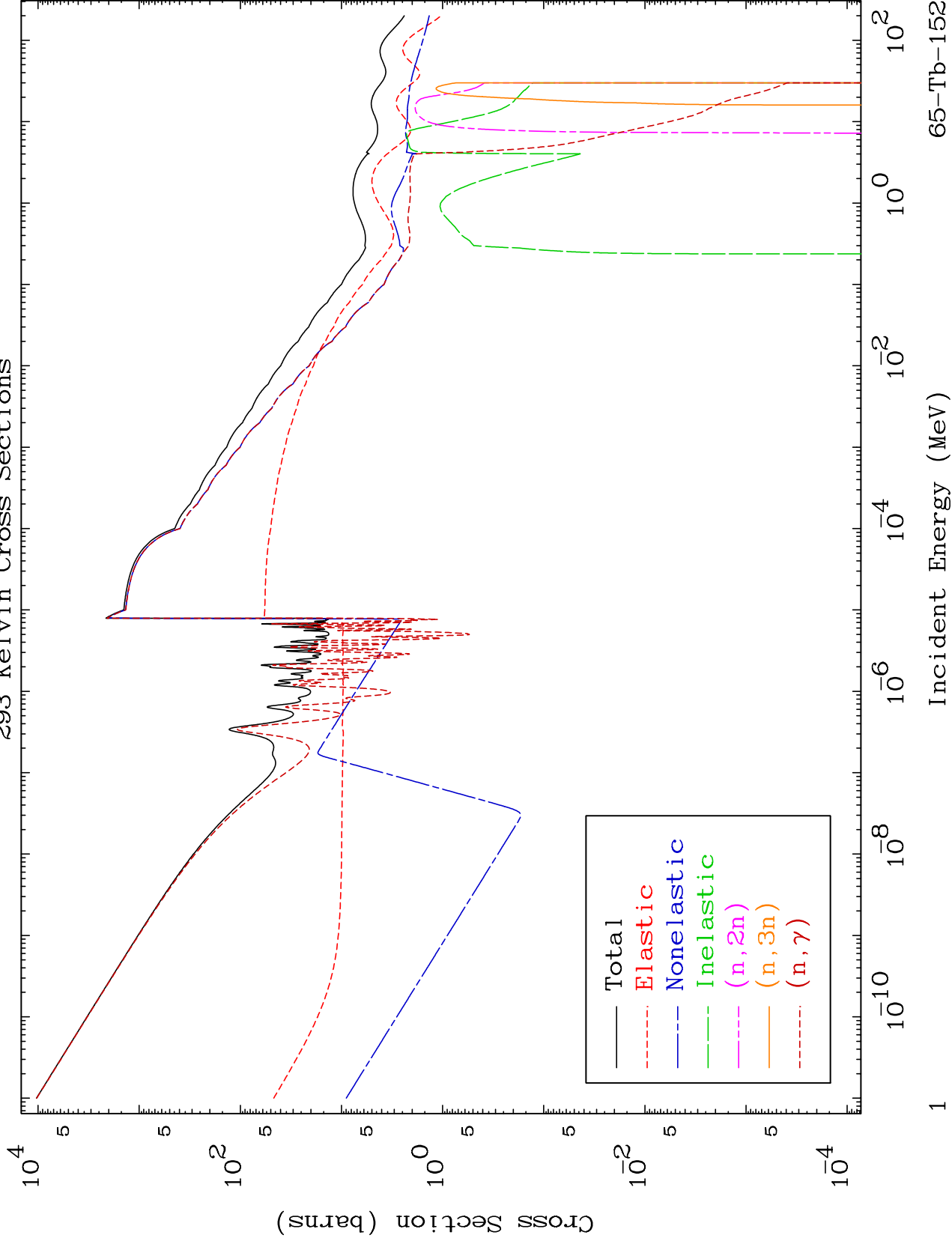
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Press Mouse Button to Start

MAT 6504

Neutron Major
293 Kelvin Cross Sections

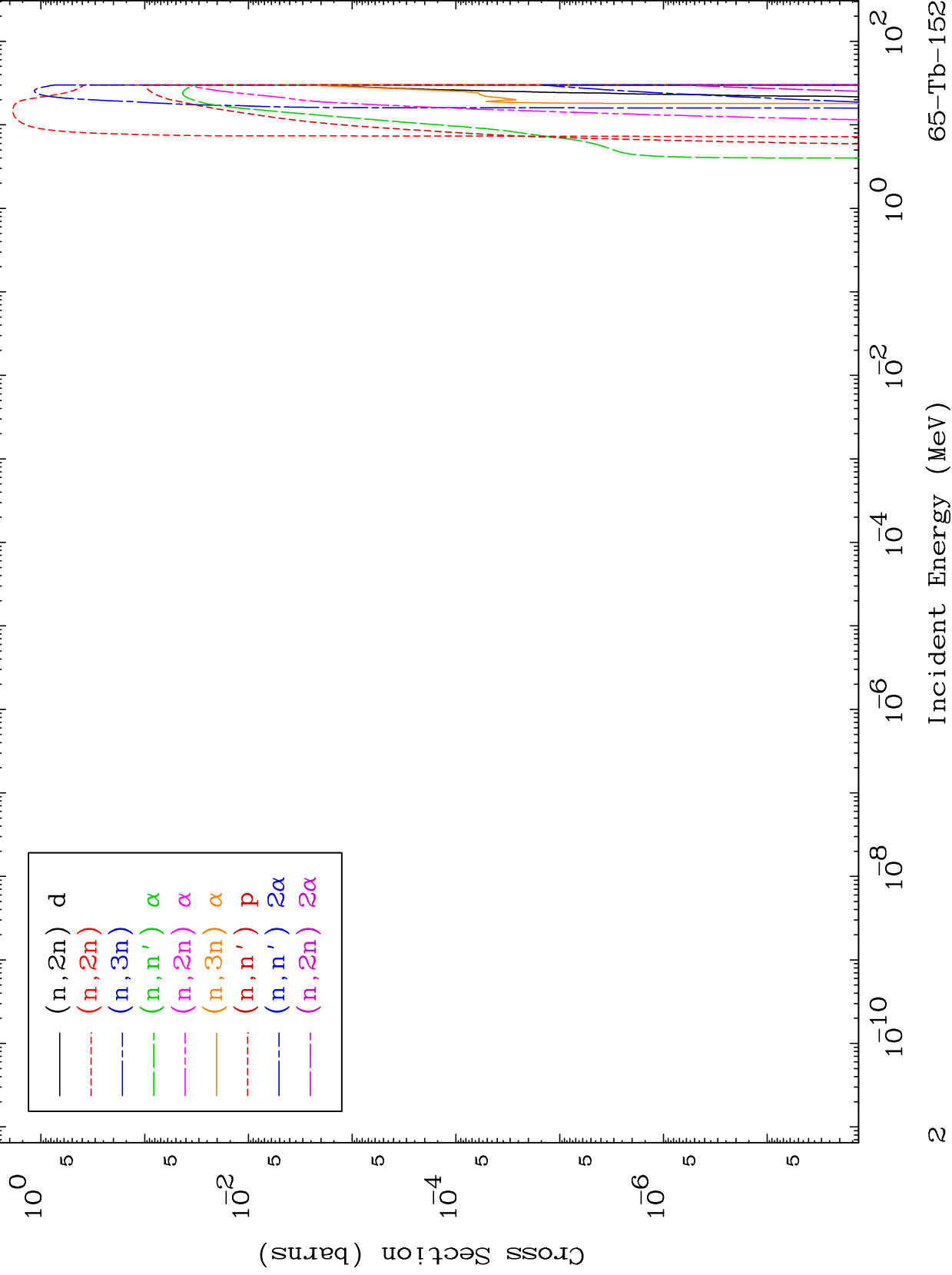
65-Tb-152



MAT 6504

Neutron Absorption
293 Kelvin Cross Sections

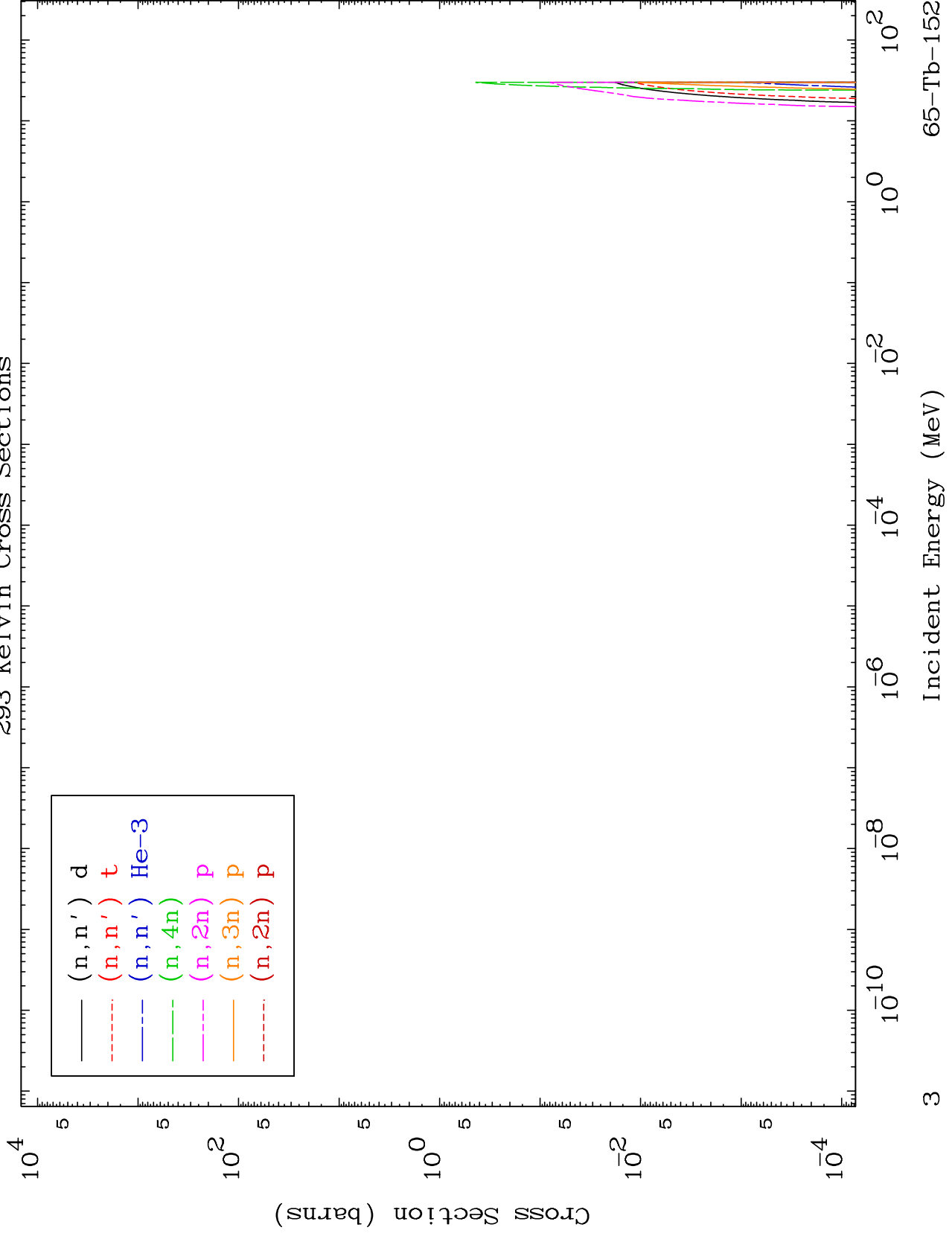
65-Tb-152



MAT 6504

Neutron Absorption
293 Kelvin Cross Sections

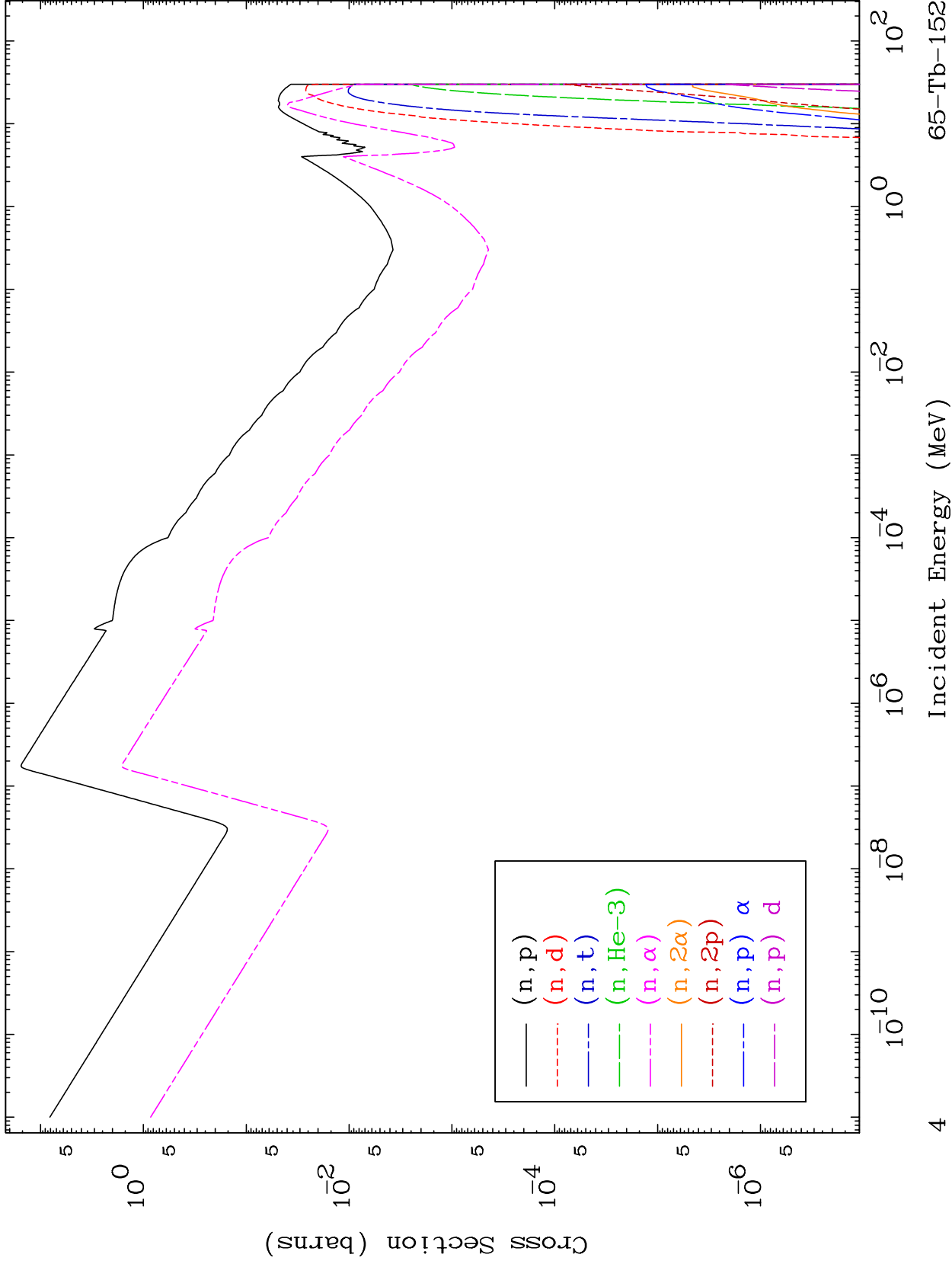
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MAT 6504

Neutron Absorption
293 Kelvin Cross Sections

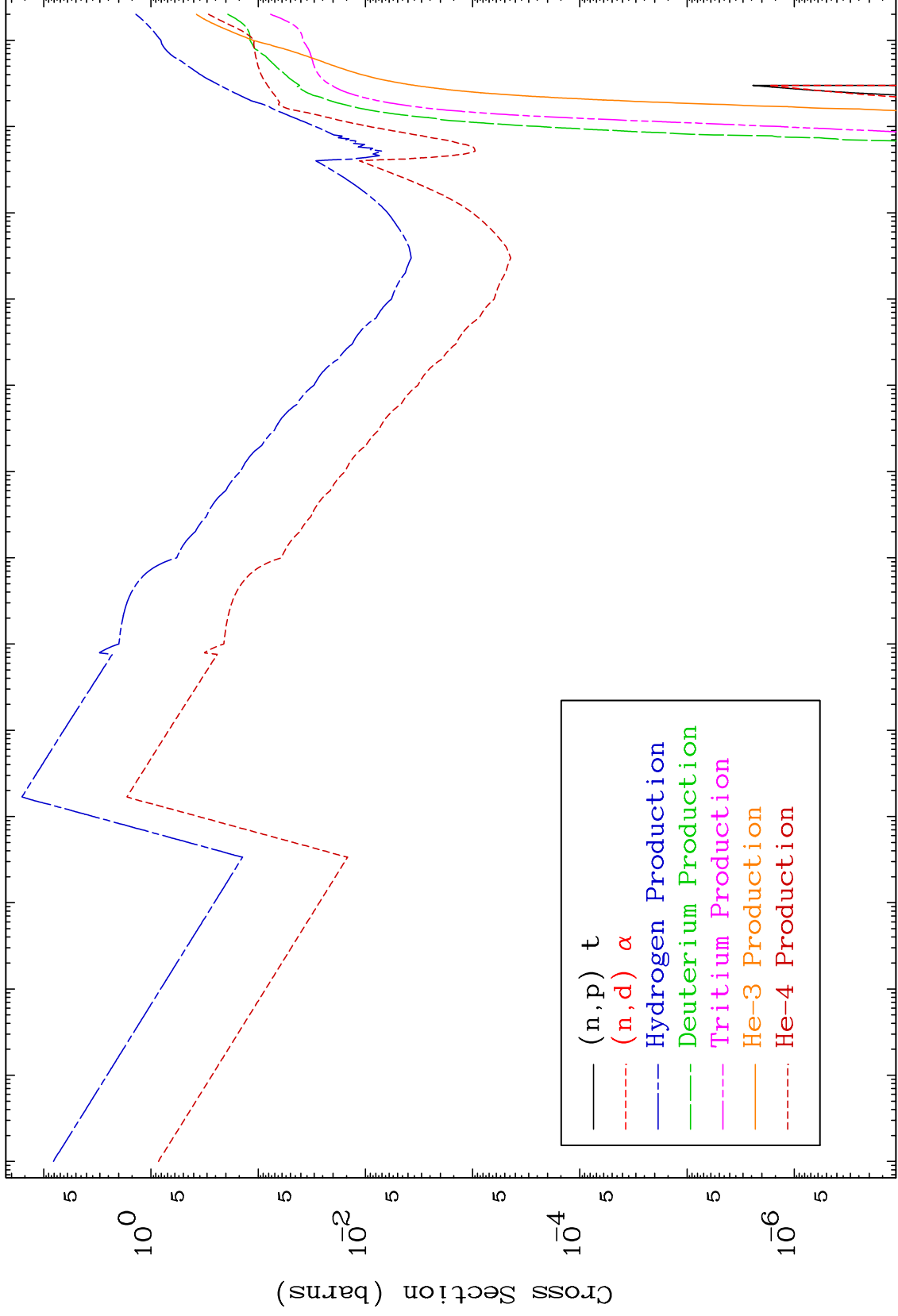
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MAT 6504

Neutron Absorption
293 Kelvin Cross Sections

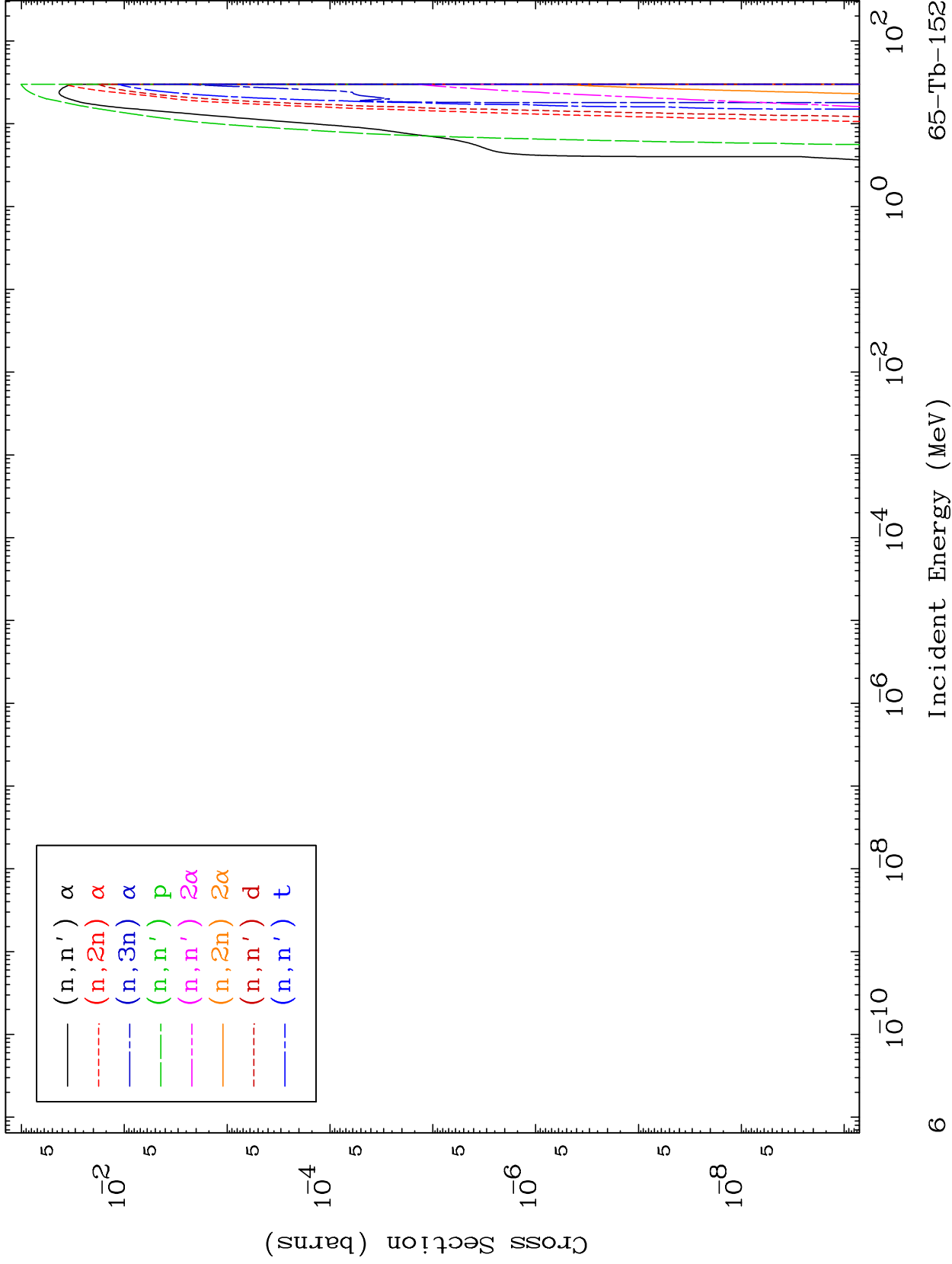
65-Tb-152



MAT 6504

Charged Particle
293 Kelvin Cross Sections

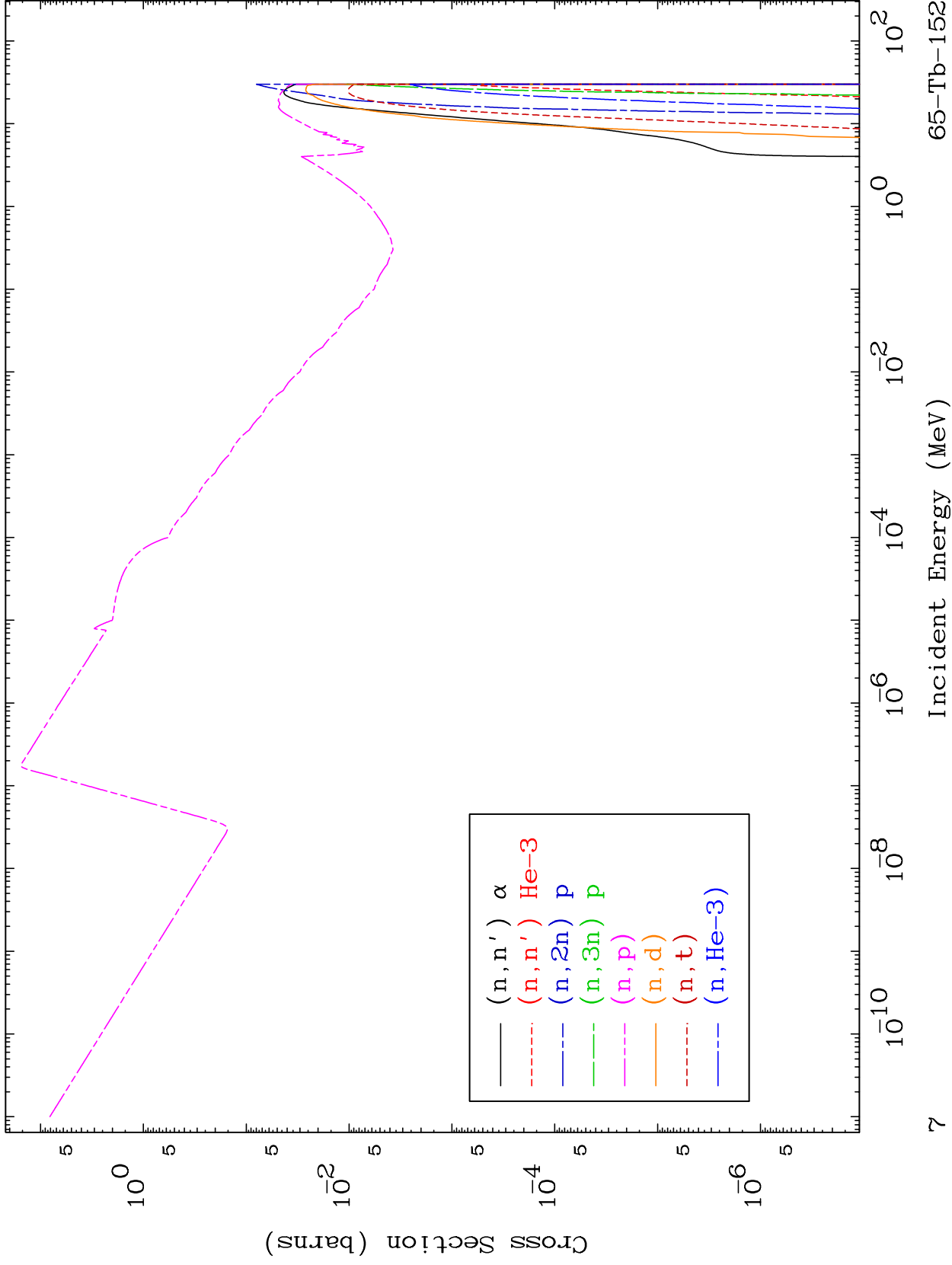
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MAT 6504

Charged Particle
293 Kelvin Cross Sections

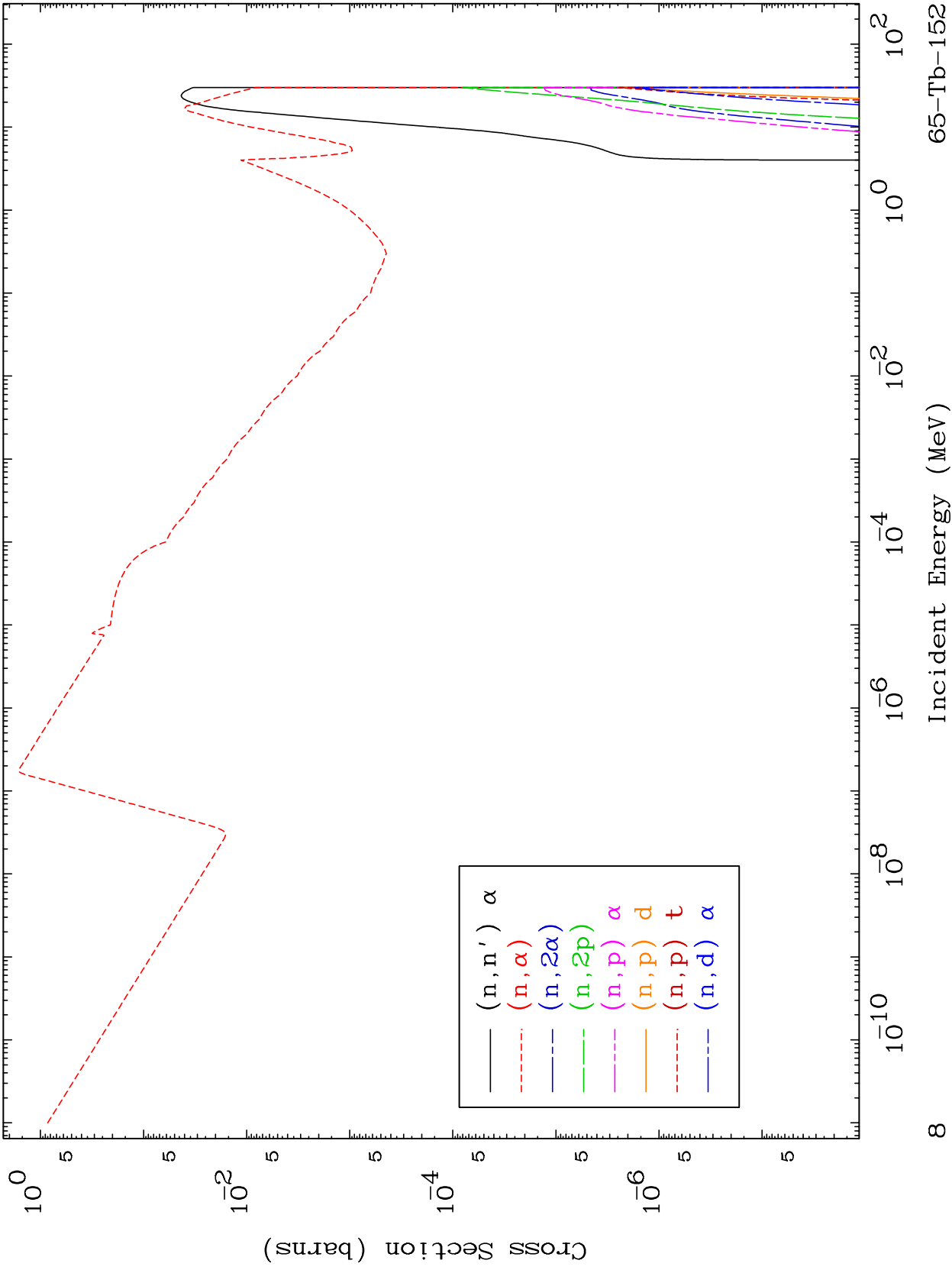
65-Tb-152



MAT 6504

Charged Particle
293 Kelvin Cross Sections

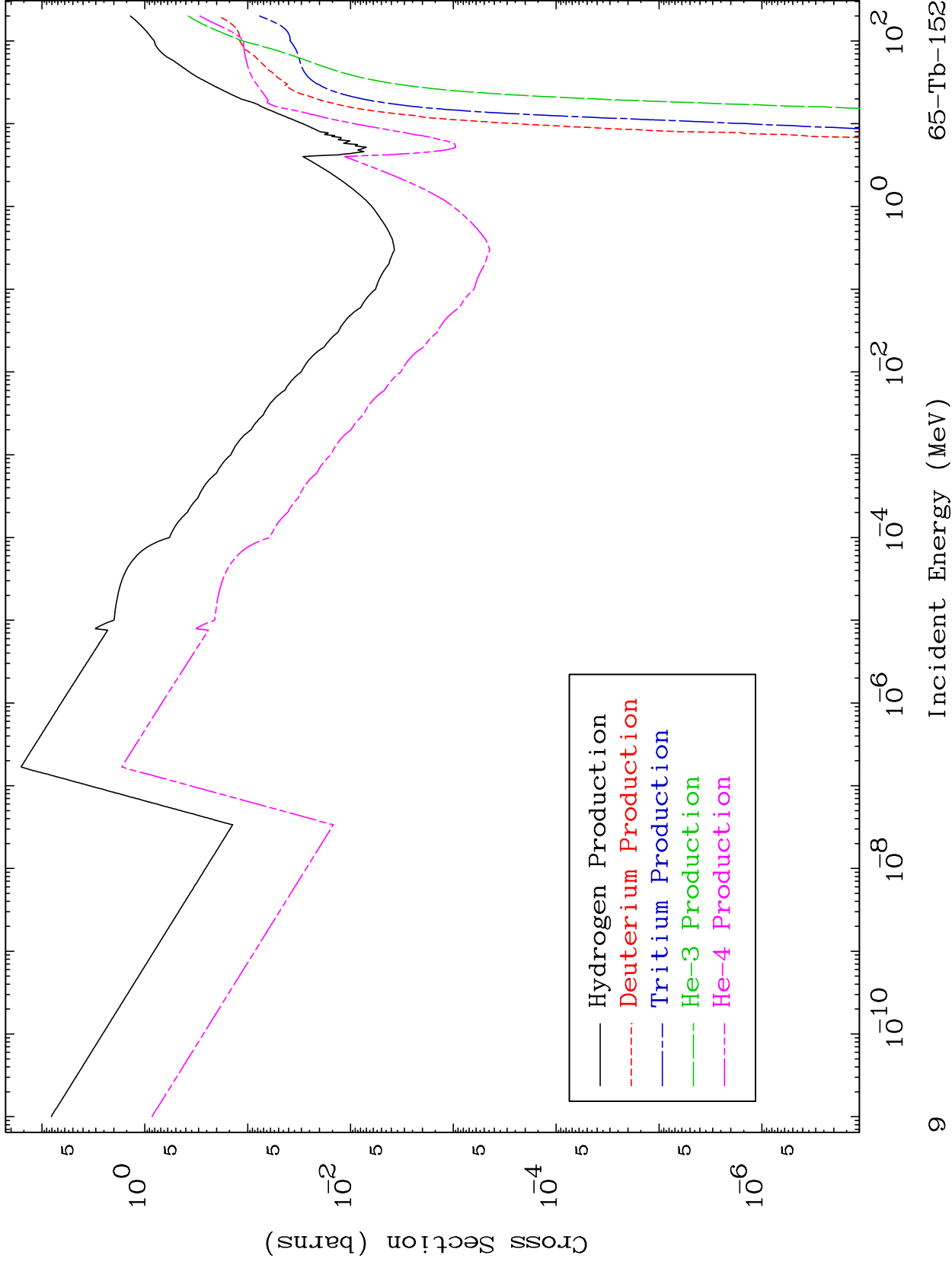
65-Tb-152



MAT 6504

Particle Production
293 Kelvin Cross Sections

65-Tb-152

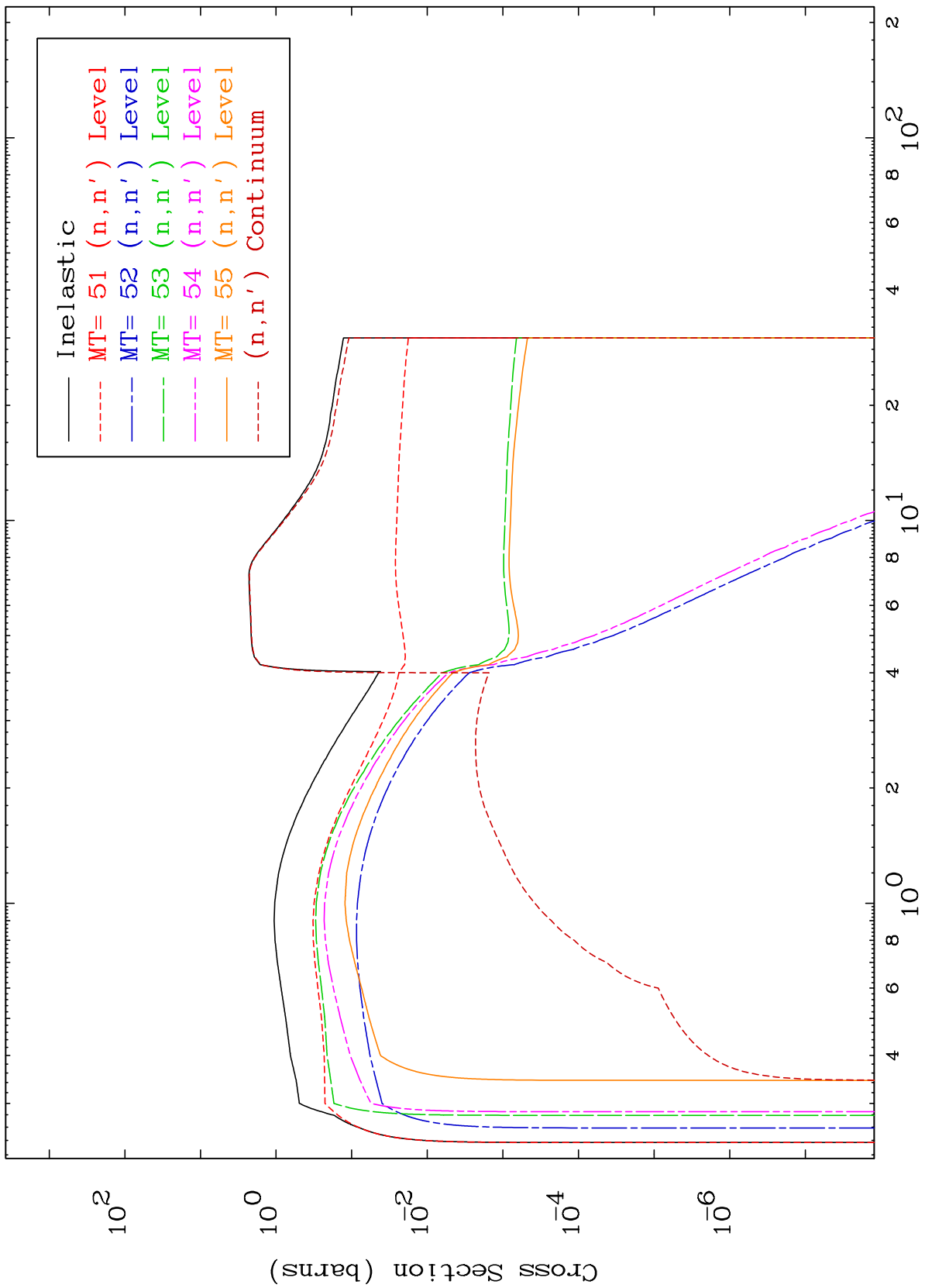


MAT 6504

(n,n') Levels

65-Tb-152

293 Kelvin Cross Sections



10

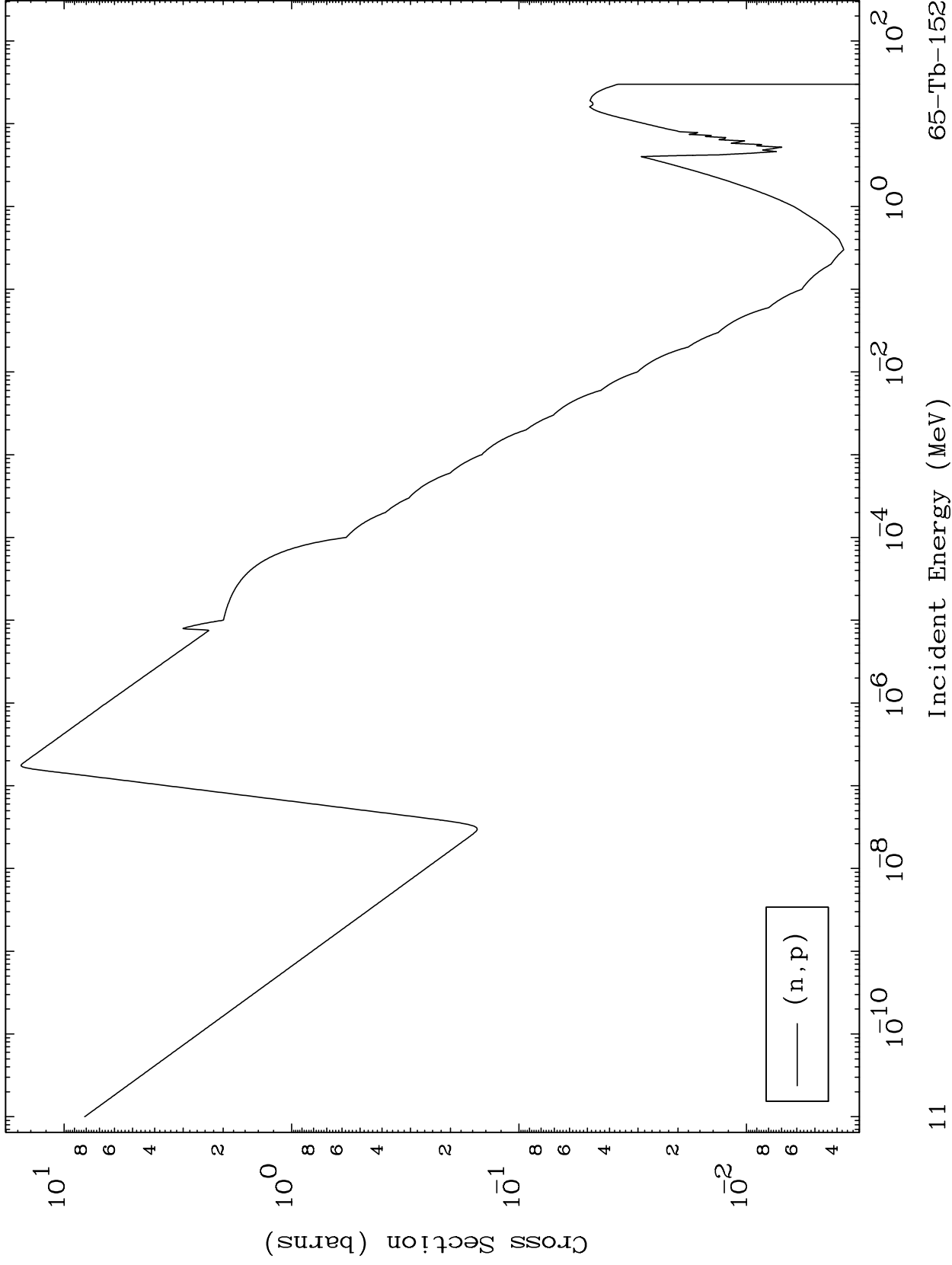
Incident Energy (MeV)

65-Tb-152

MAT 6504

(n,p) Levels
293 Kelvin Cross Sections

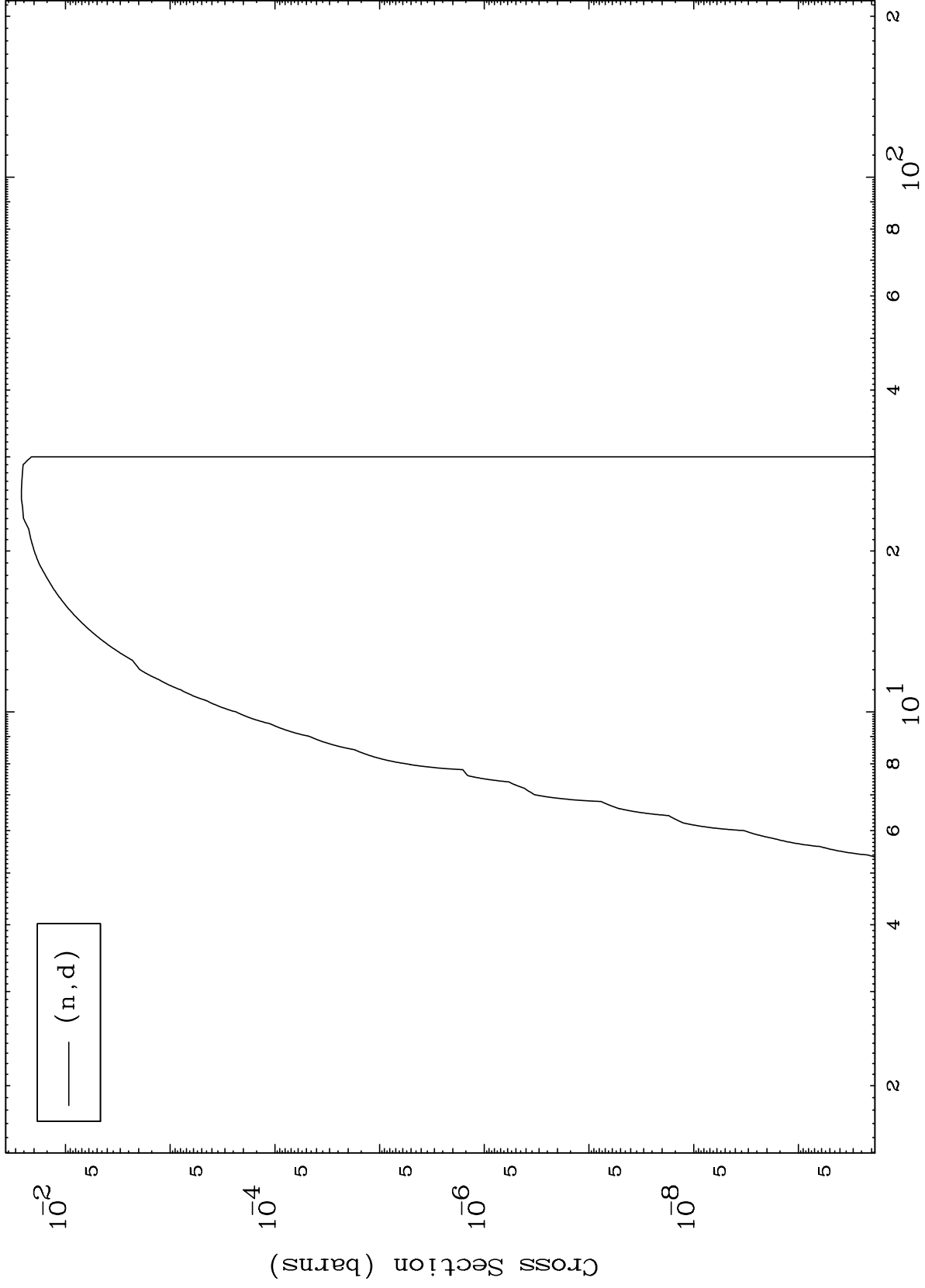
65-Tb-152



MAT 6504

(n,d) Levels
293 Kelvin Cross Sections

65-Tb-152



12

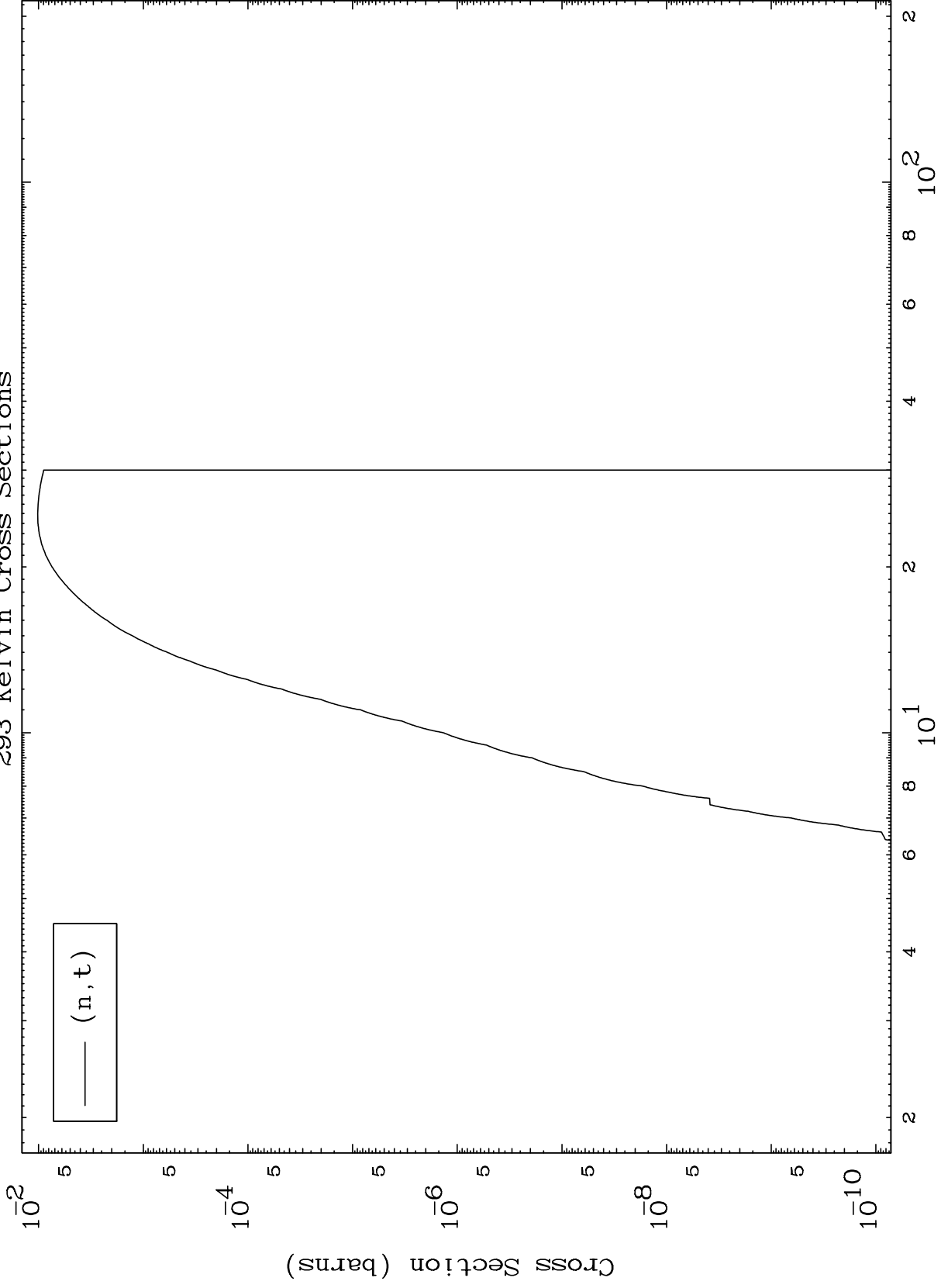
Incident Energy (MeV)

65-Tb-152

MAT 6504

(n,t) Levels
293 Kelvin Cross Sections

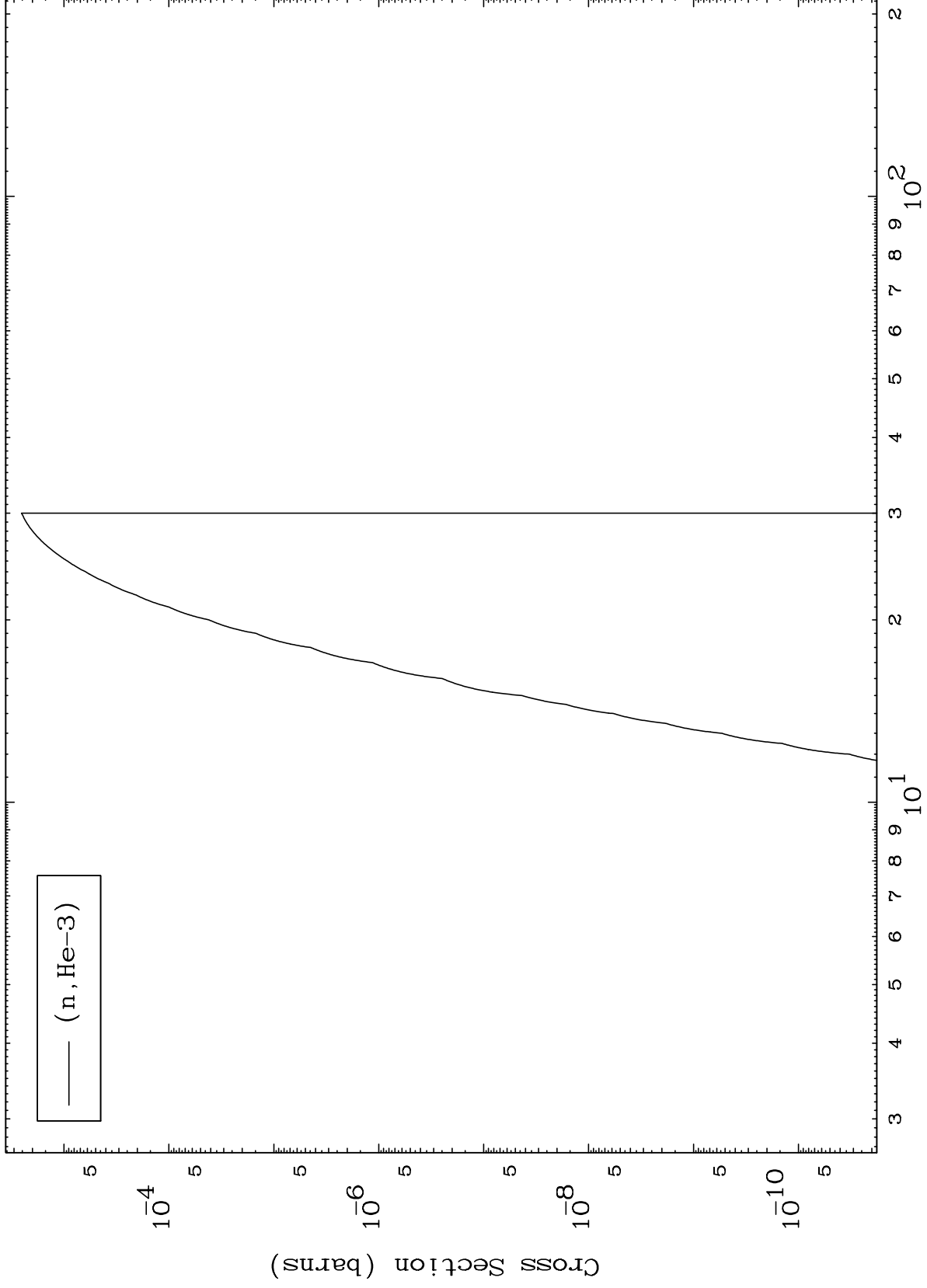
65-Tb-152



MAT 6504

(n,He3) Levels
293 Kelvin Cross Sections

65-Tb-152



14

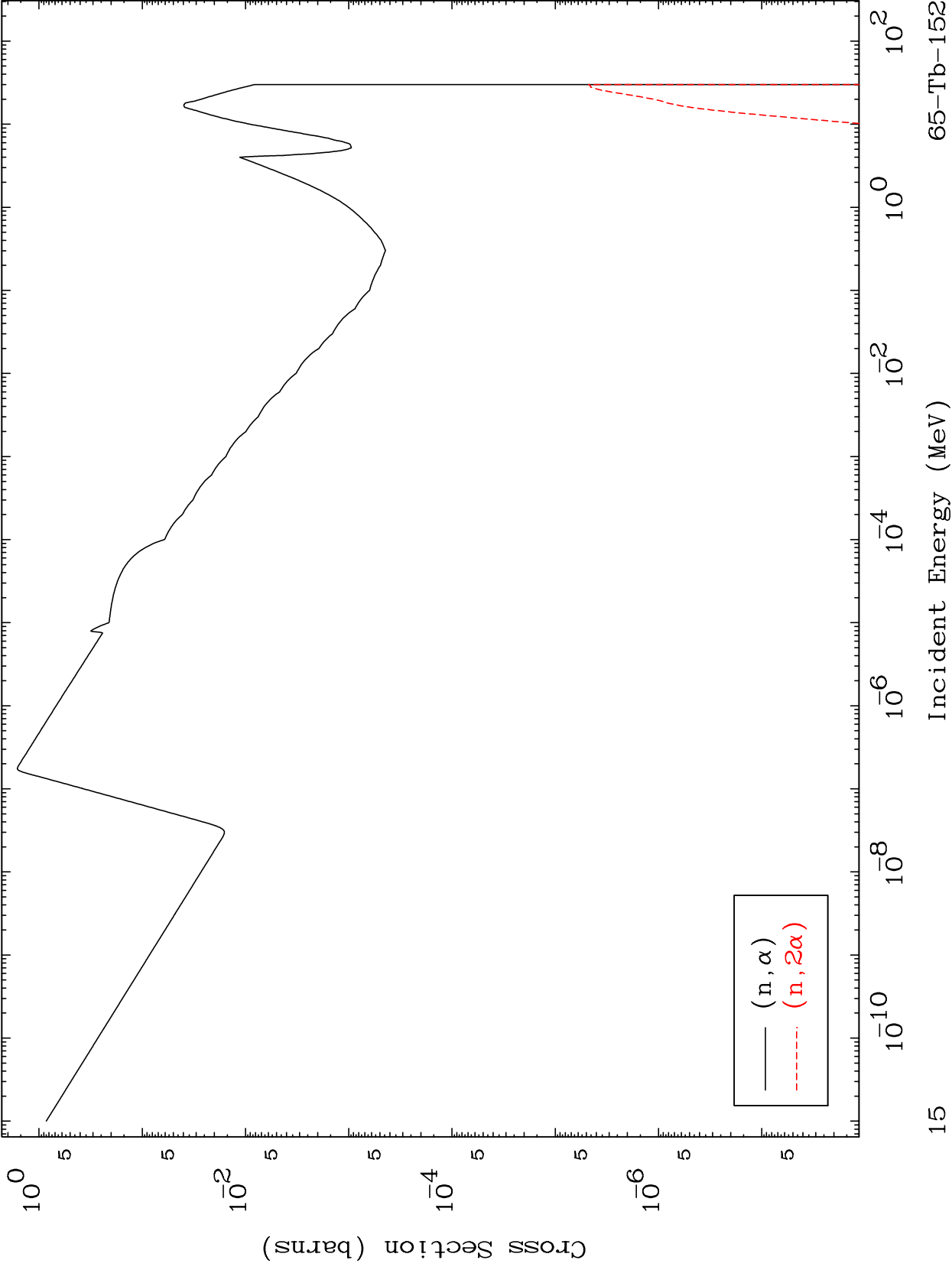
Incident Energy (MeV)

65-Tb-152

MAT 6504

(n,α) Levels
293 Kelvin Cross Sections

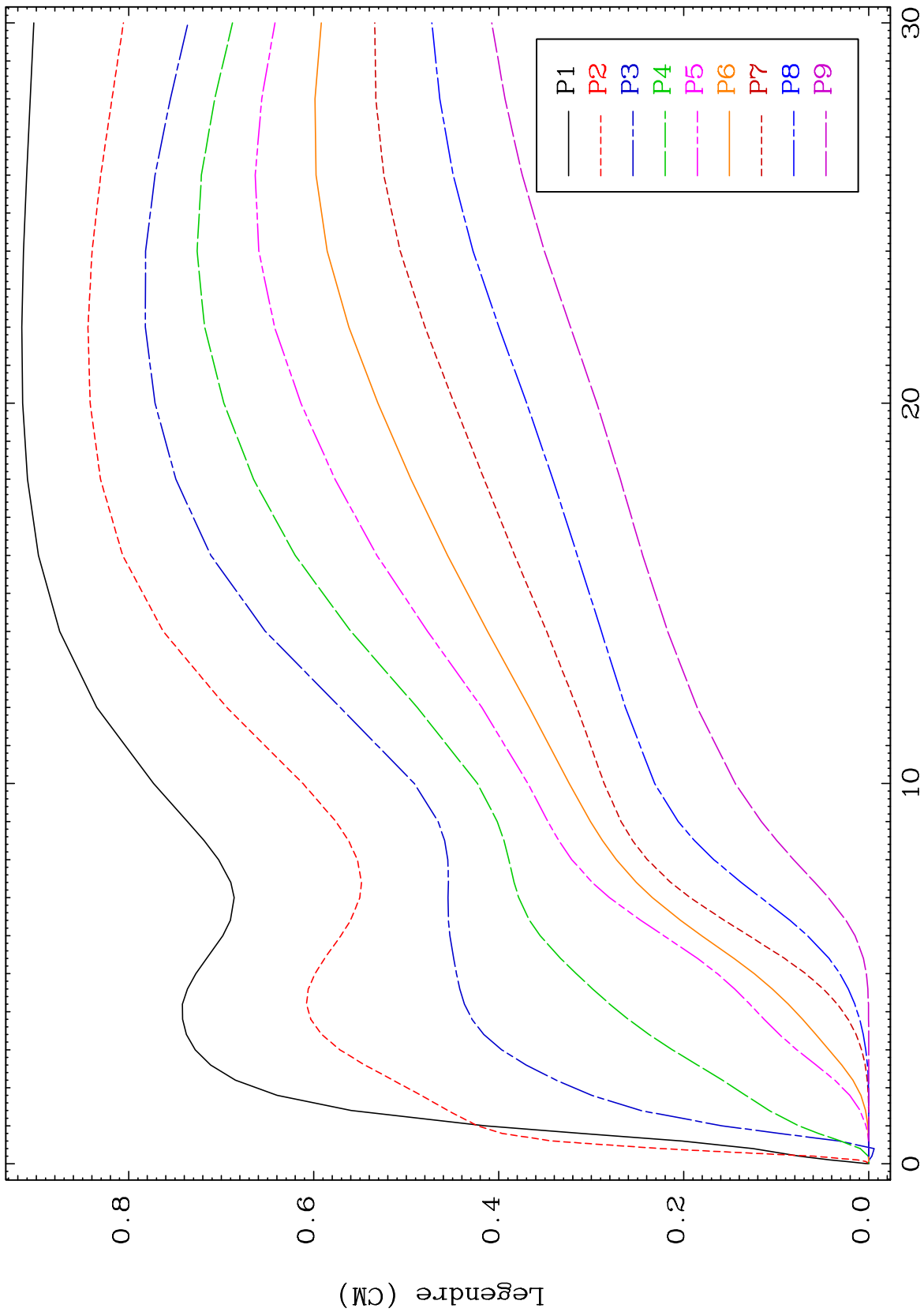
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MAT 6504

Elastic Legendre Coefficients

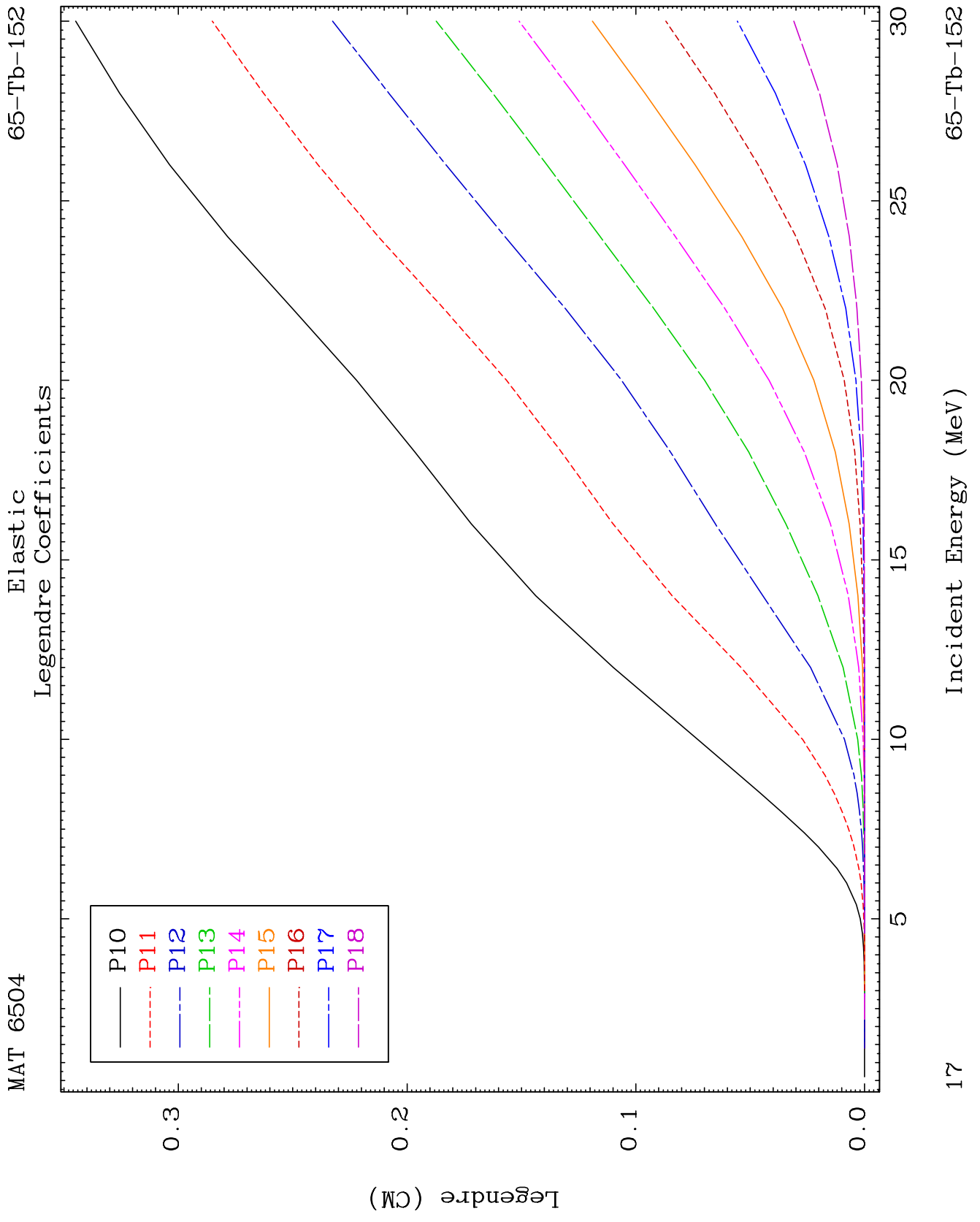
65-Tb-152



16

Incident Energy (MeV)

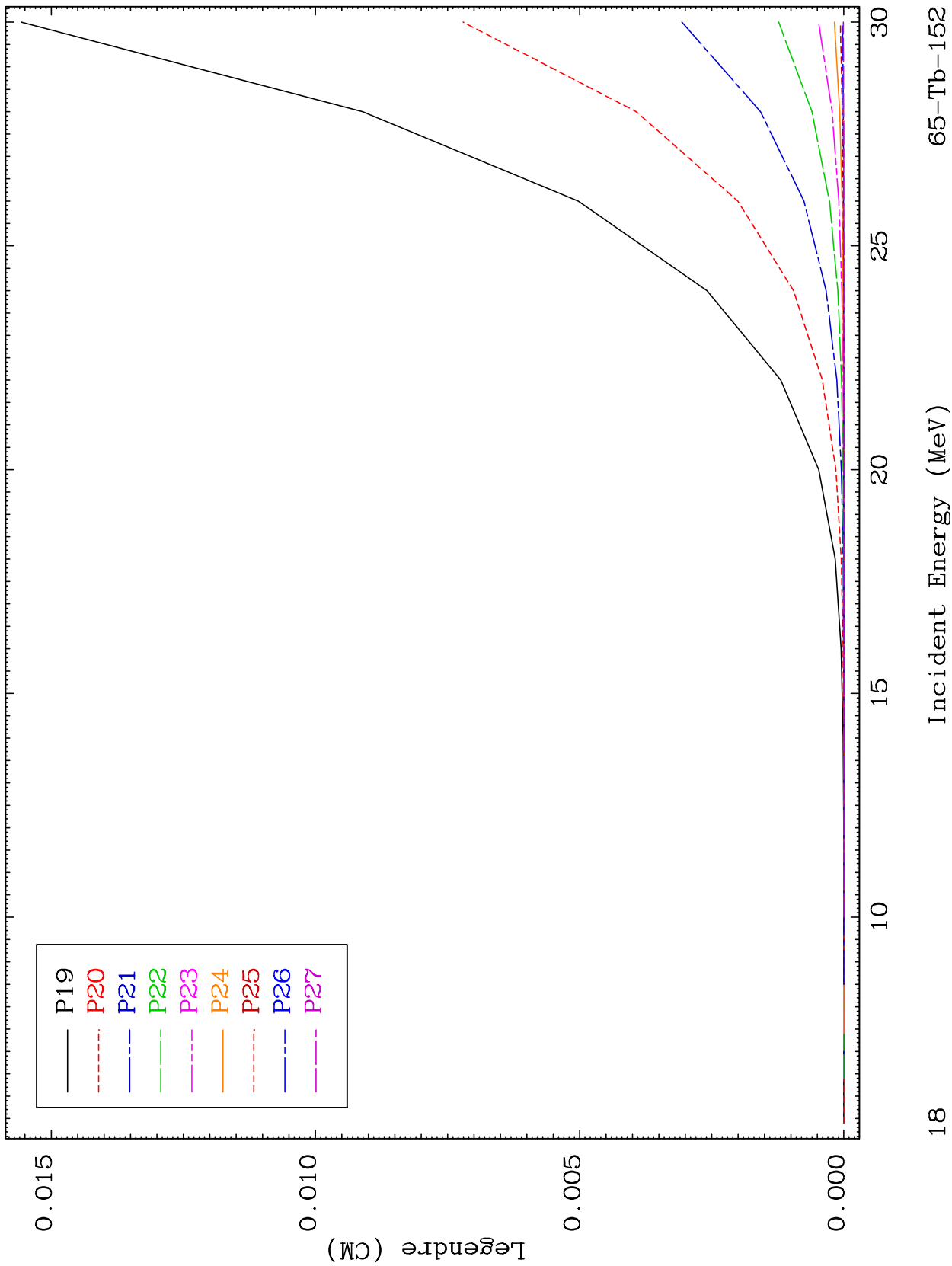
65-Tb-152



MAT 6504

Elastic Legendre Coefficients

65-Tb-152



18

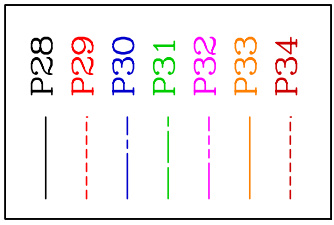
Incident Energy (MeV)

65-Tb-152

MAT 6504

Elastic Legendre Coefficients

65-Tb-152



$\times 10^{-6}$

2.0

1.5

1.0

0.5

0.0

Legendre (CM)

15

20

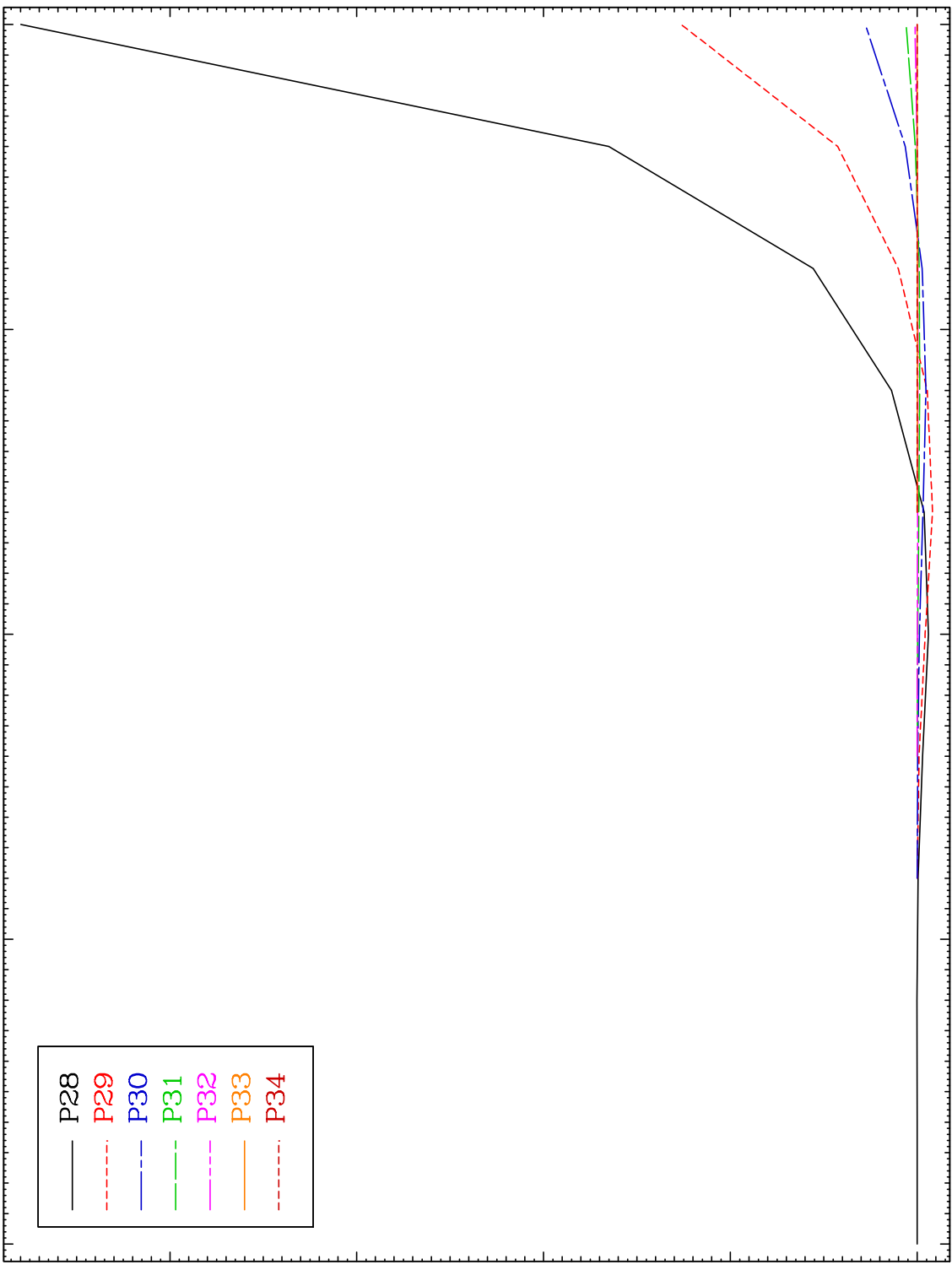
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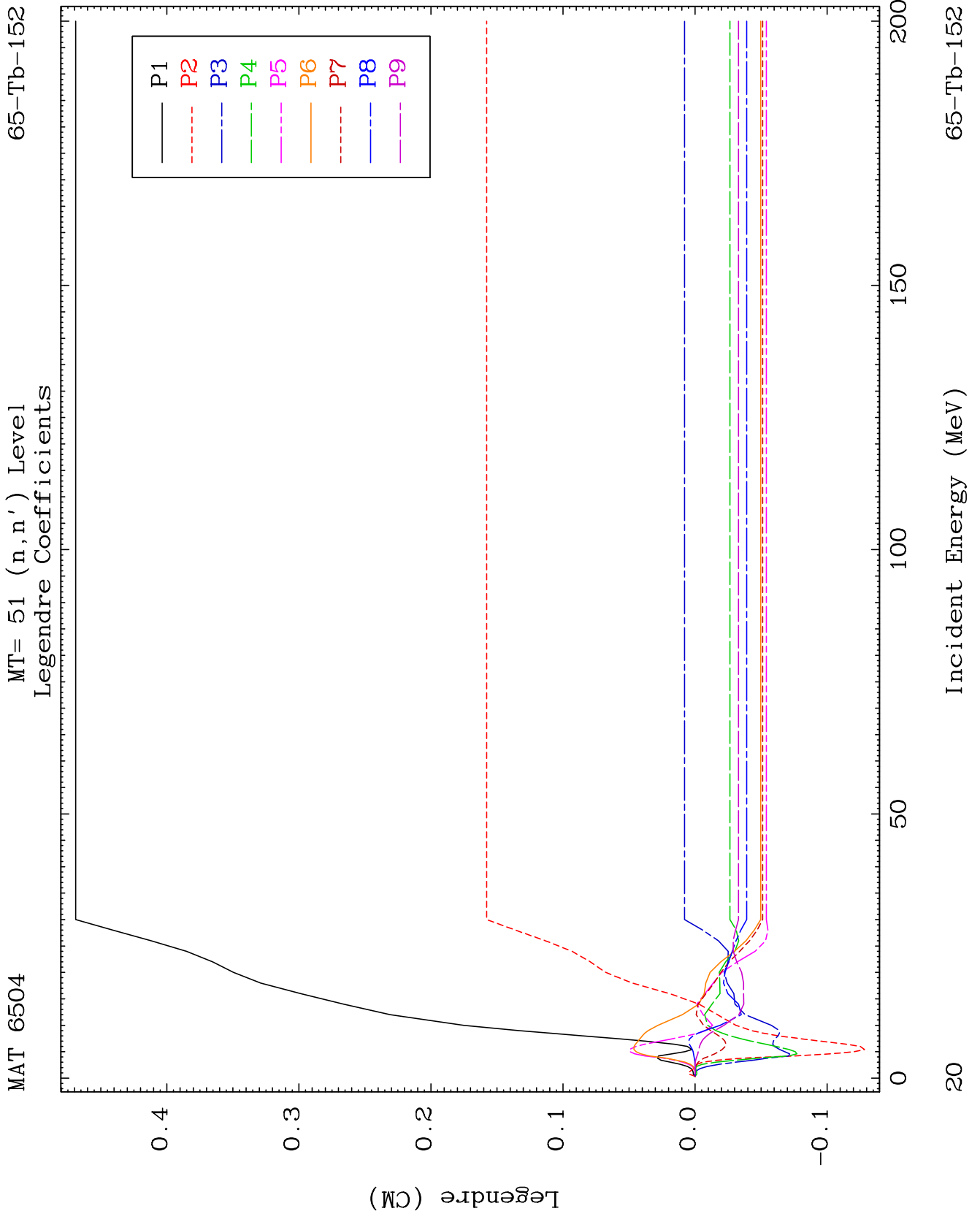
30

19

Incident Energy (MeV)

65-Tb-152

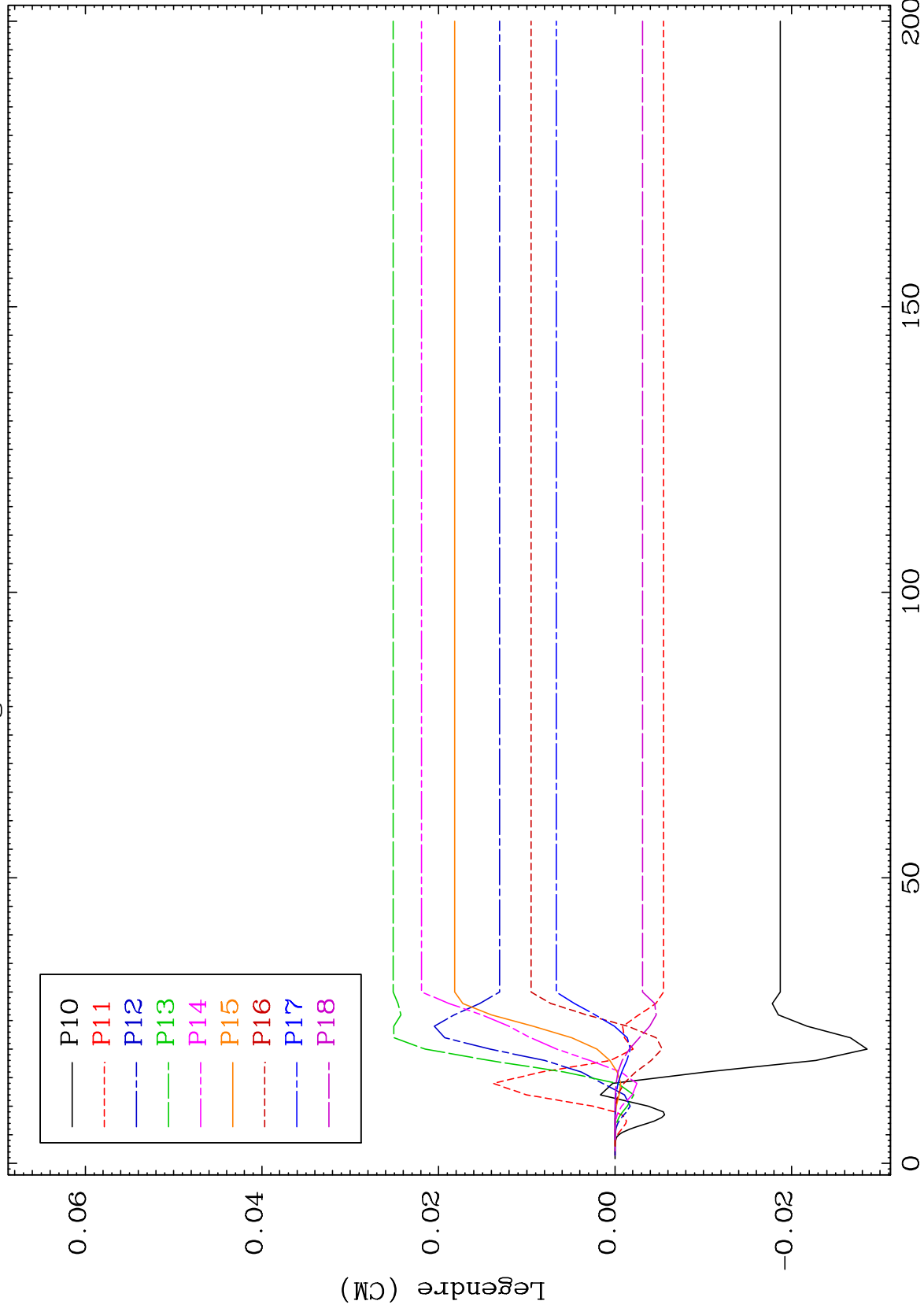




MAT 6504

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

65-Tb-152



21

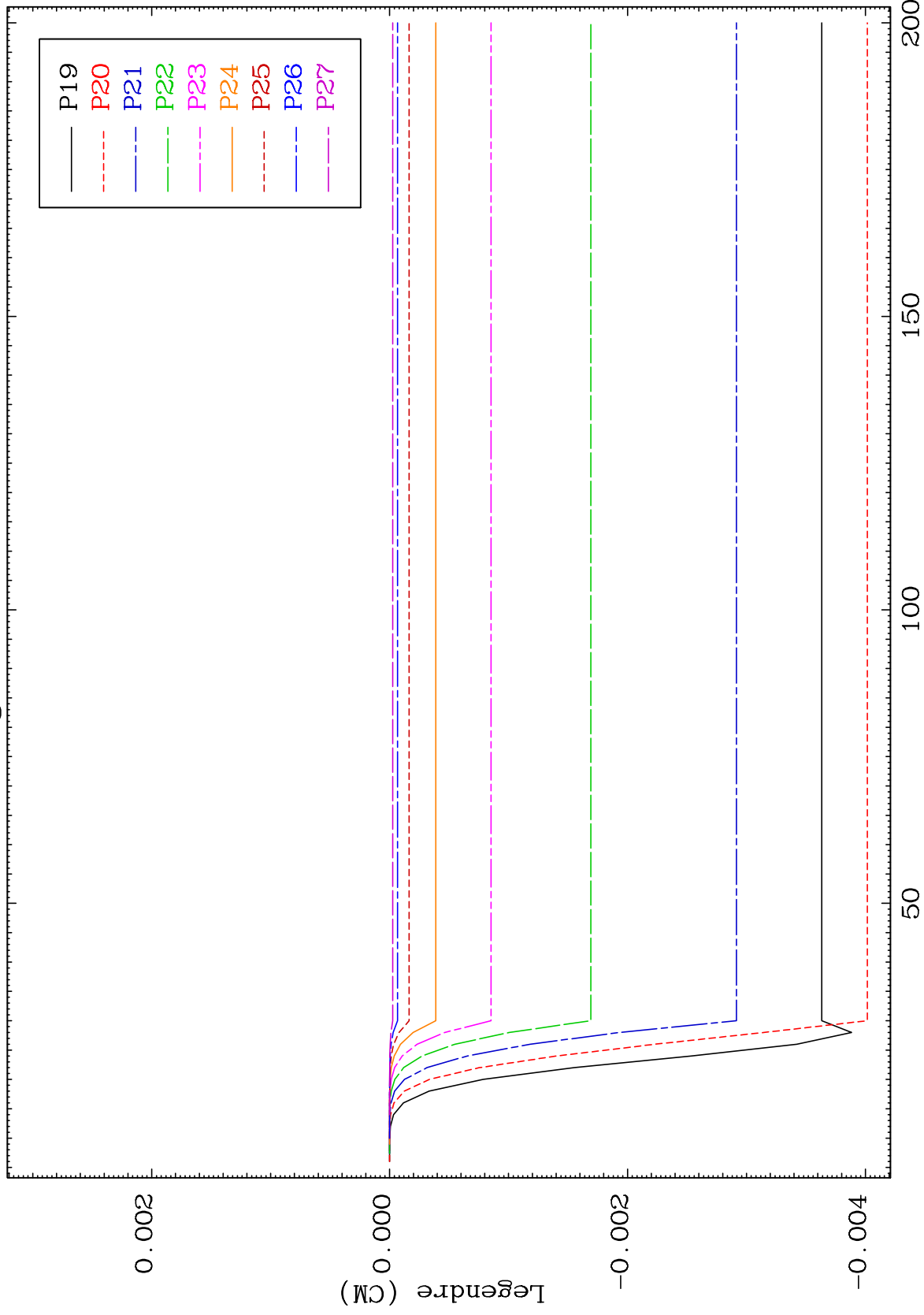
Incident Energy (MeV)

65-Tb-152

MAT 6504

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

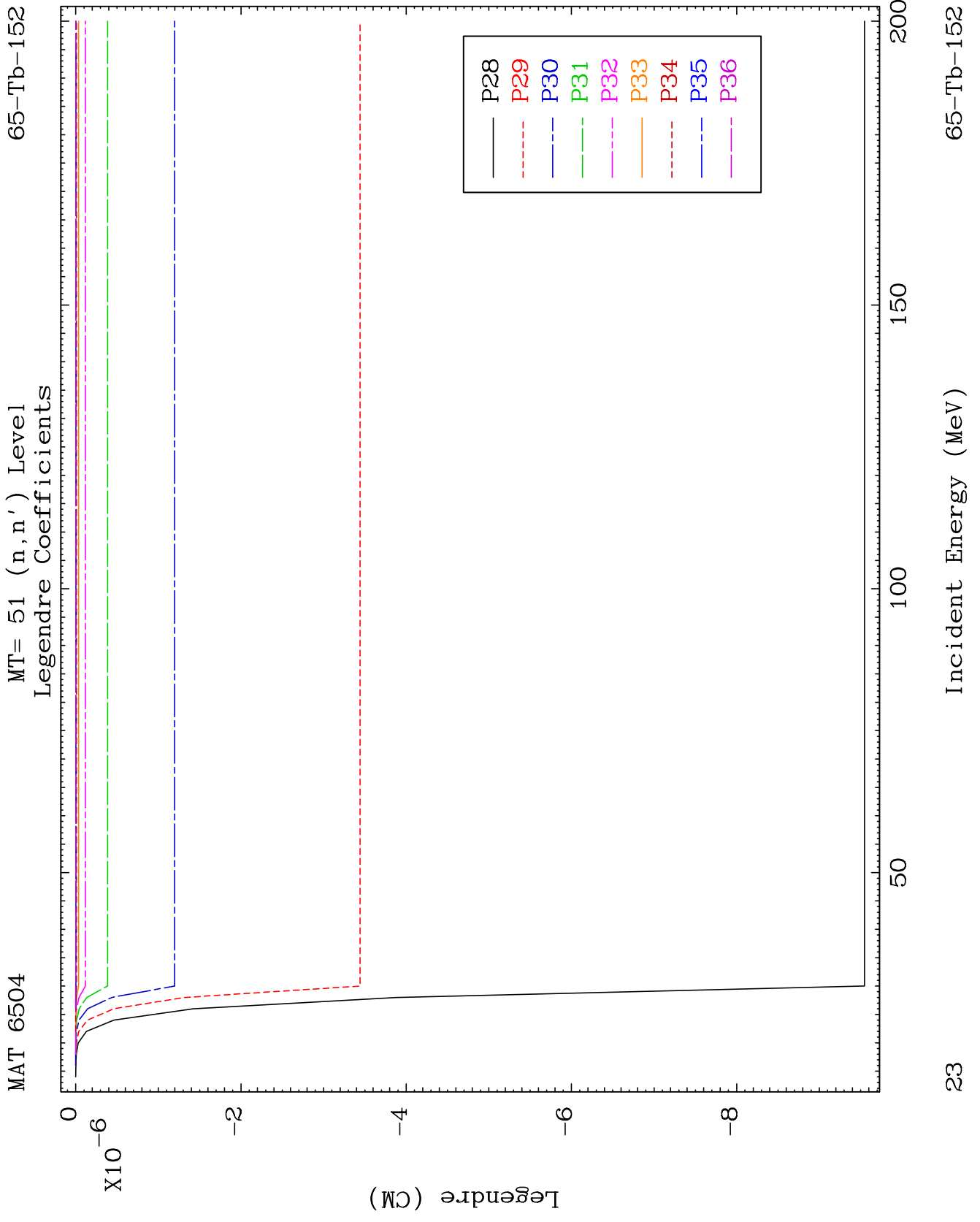
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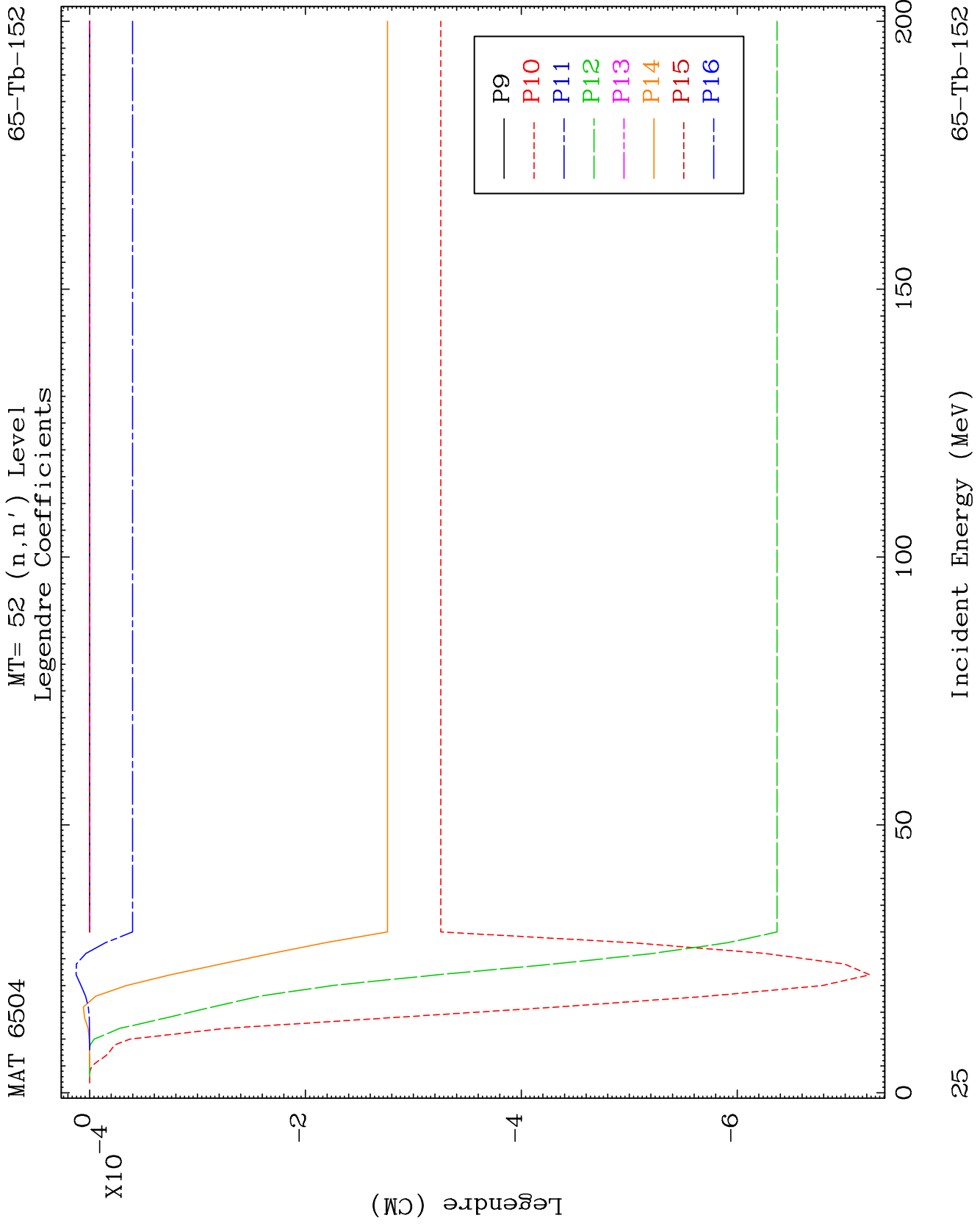


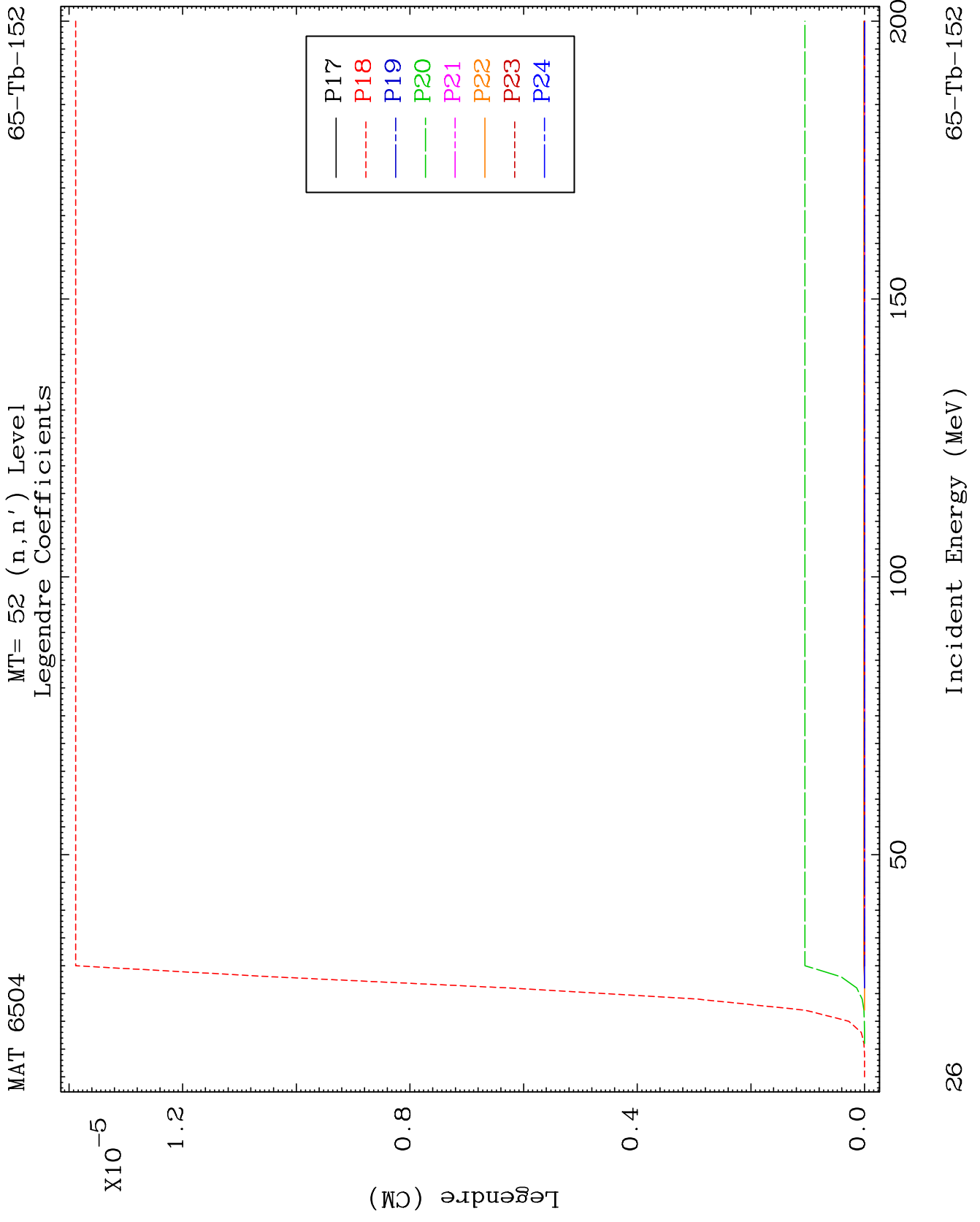
22

Incident Energy (MeV)

65-Tb-152



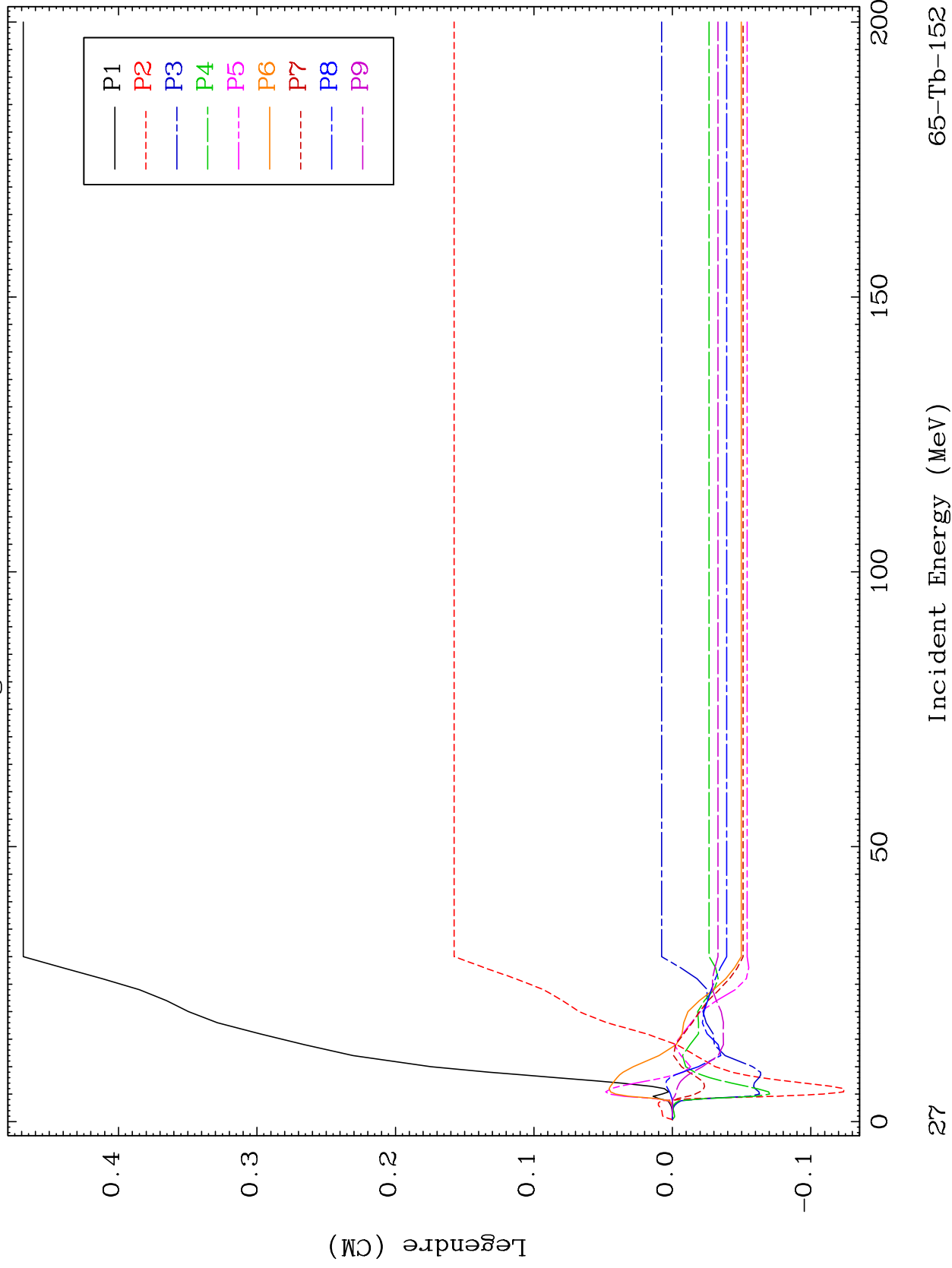




MAT 6504

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

65-Tb-152



65-Tb-152

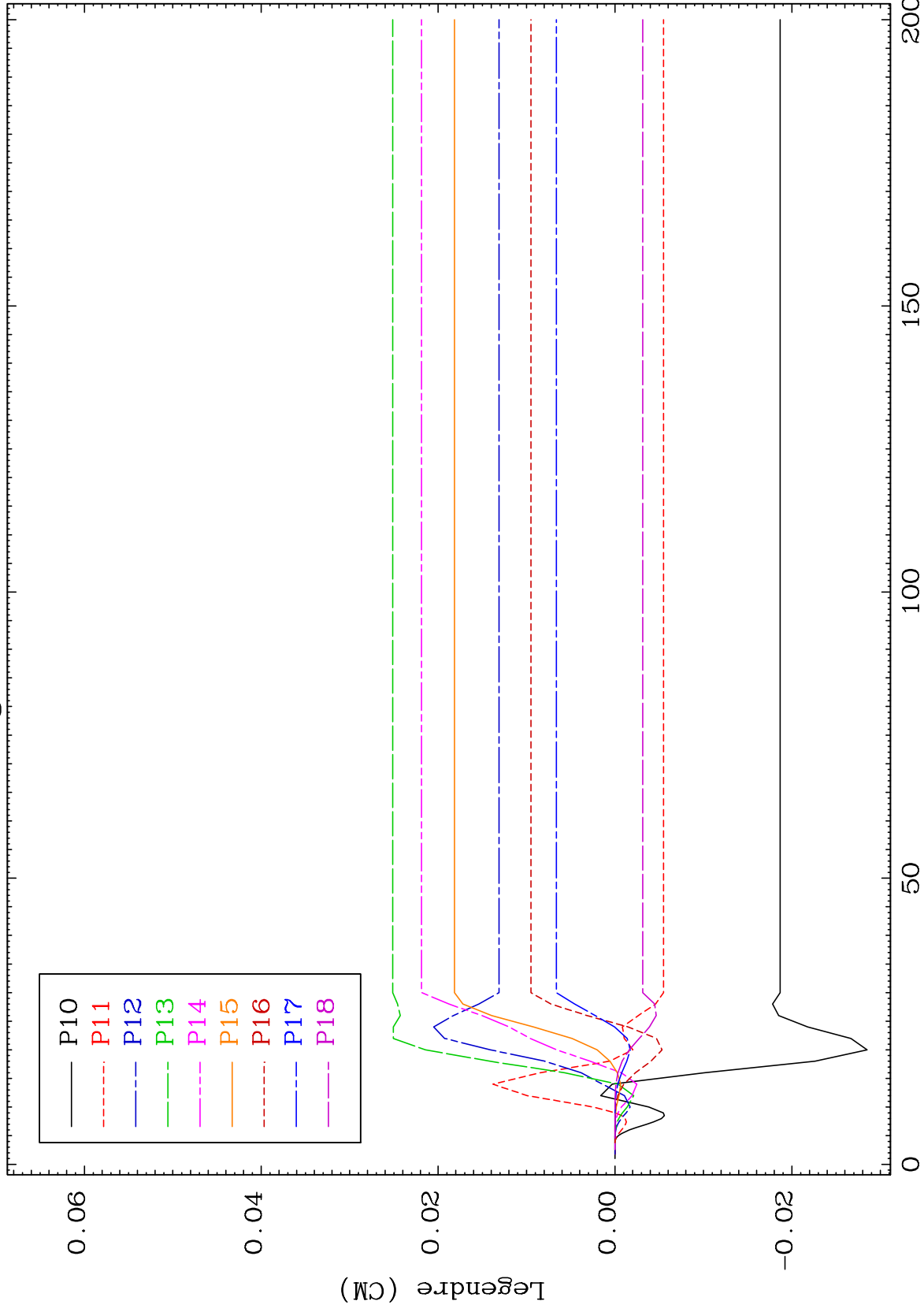
Incident Energy (MeV)

27

MAT 6504

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

65-Tb-152



28

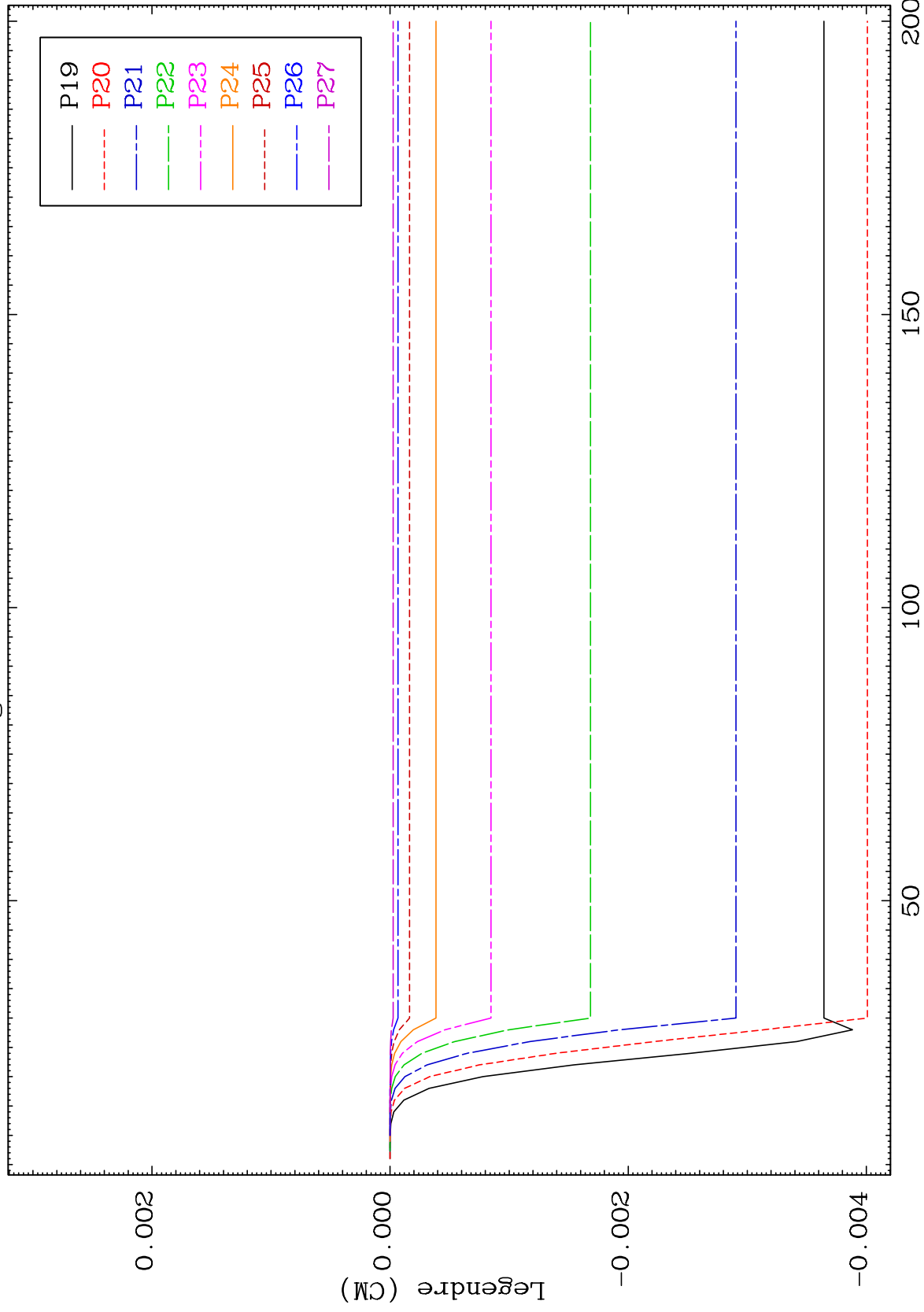
Incident Energy (MeV)

65-Tb-152

MAT 6504

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

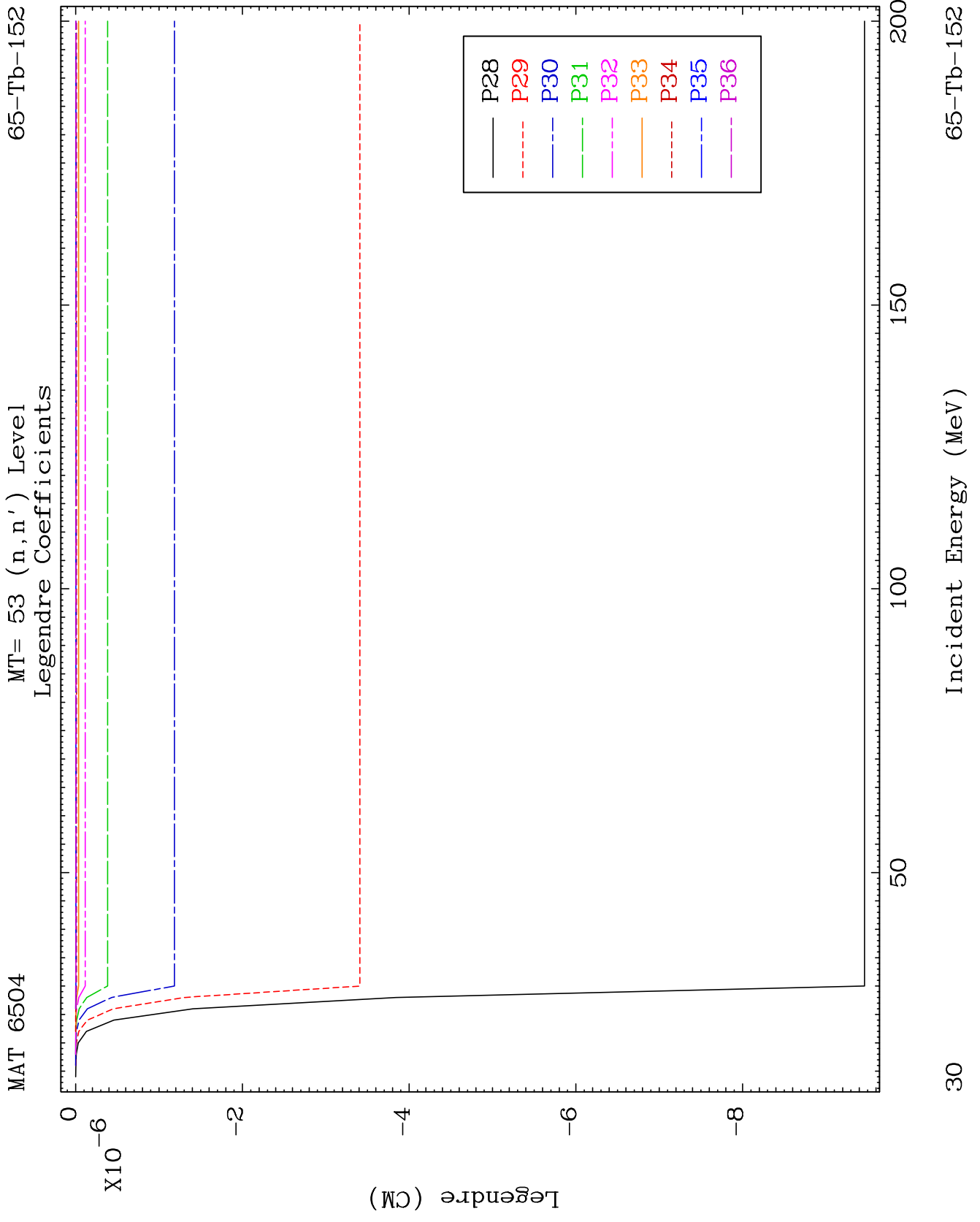
65-Tb-152



29

Incident Energy (MeV)

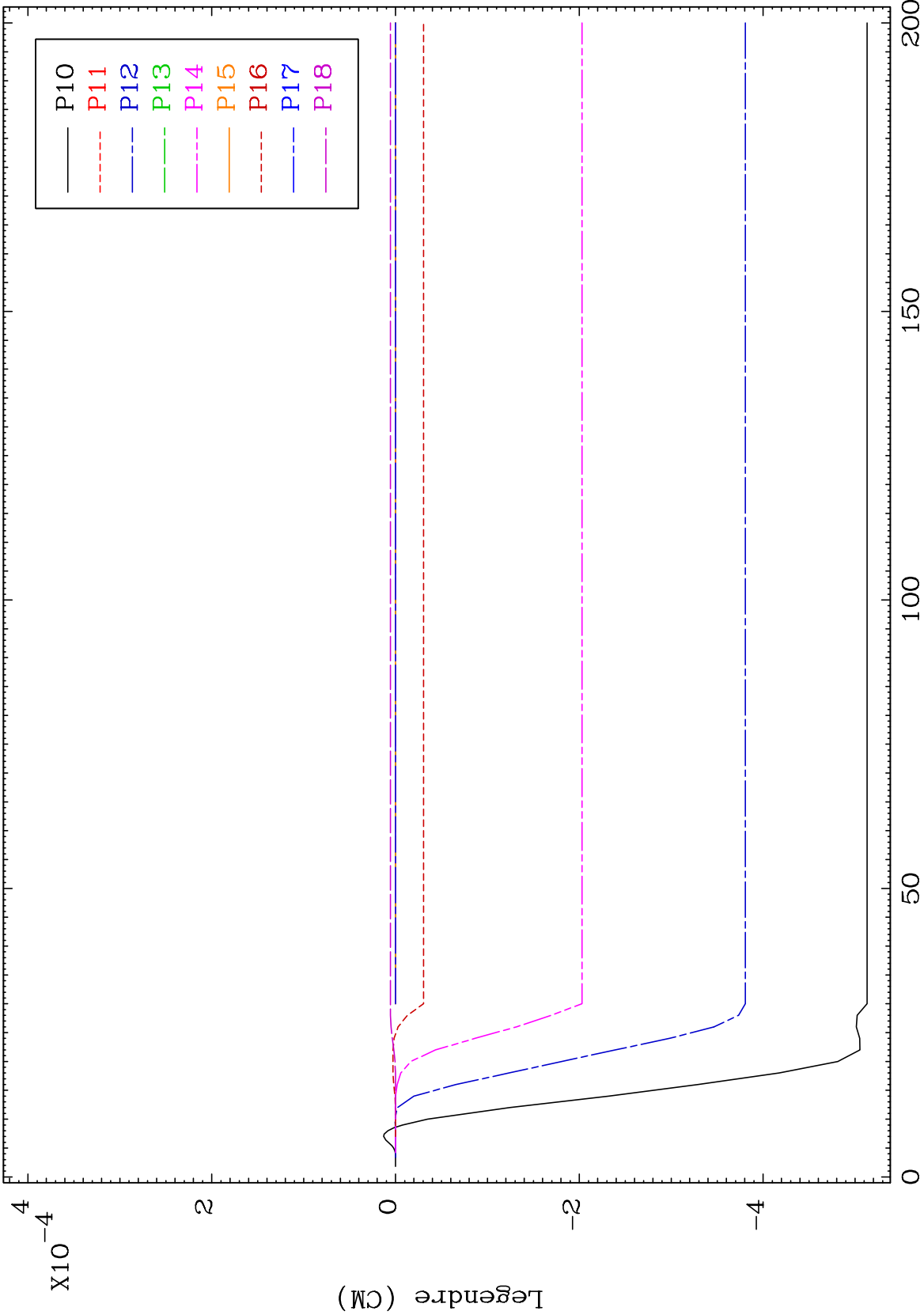
65-Tb-152



MAT 6504

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

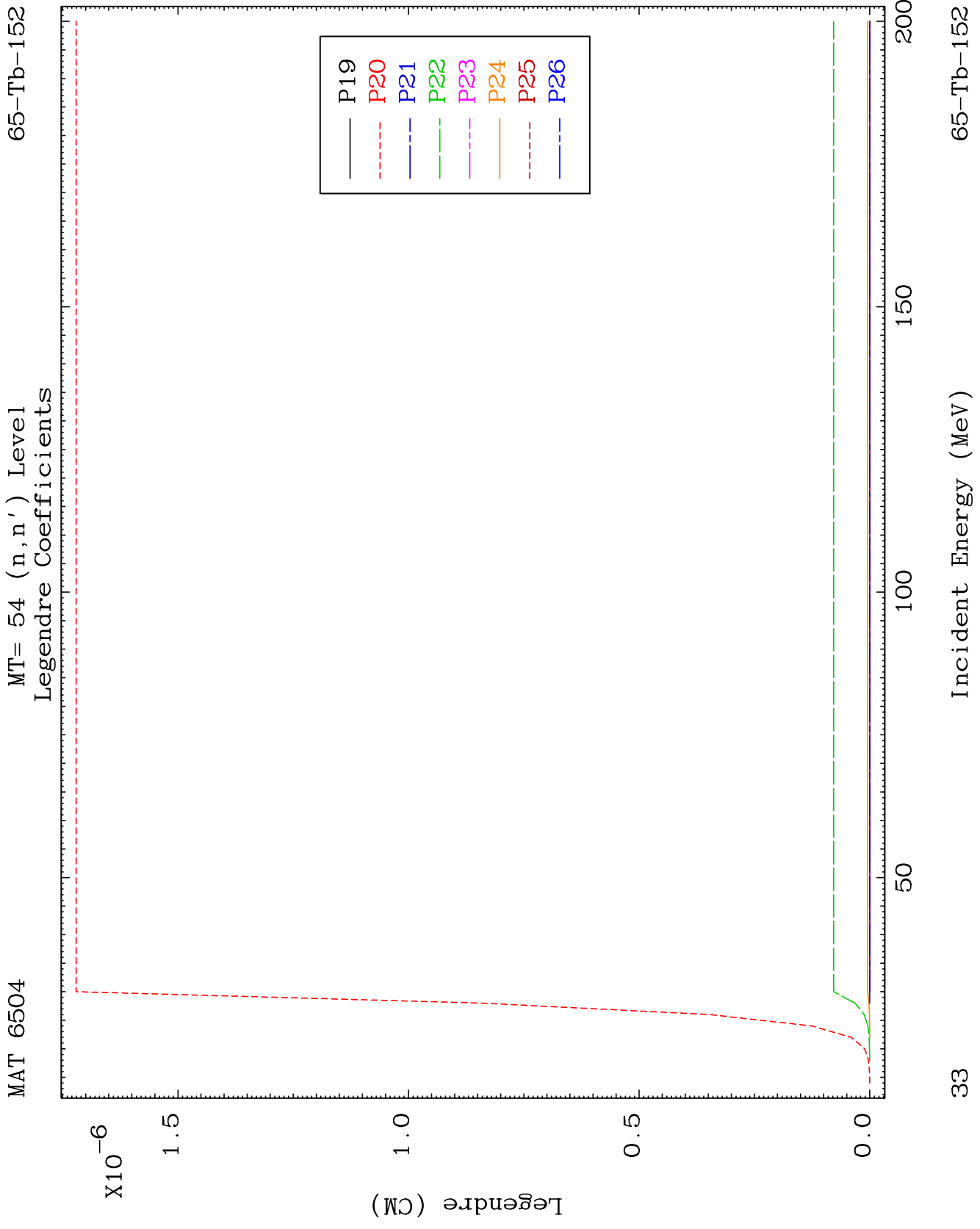
65-Tb-152



32

Incident Energy (MeV)

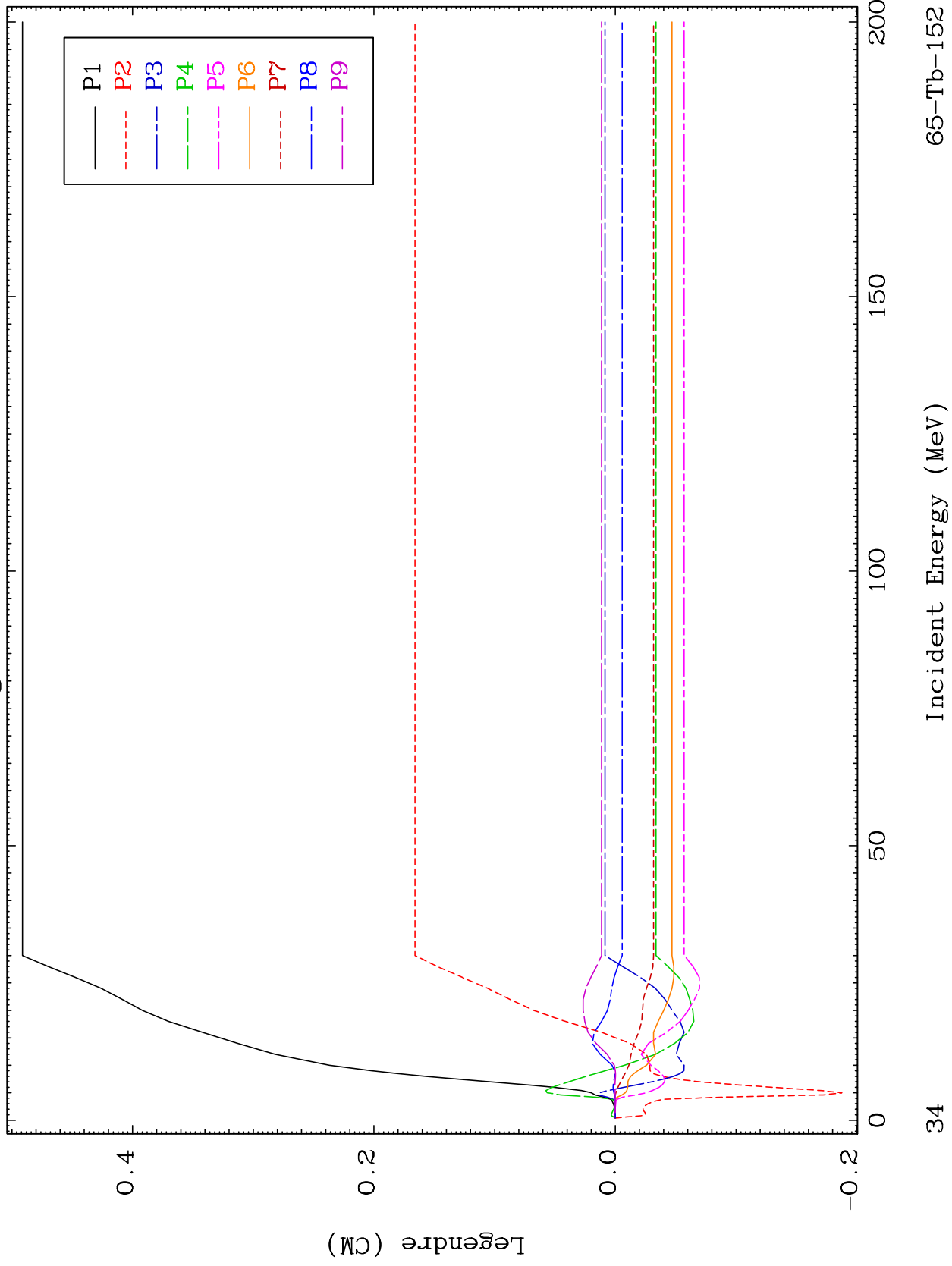
65-Tb-152



MAT 6504

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

65-Tb-152



34

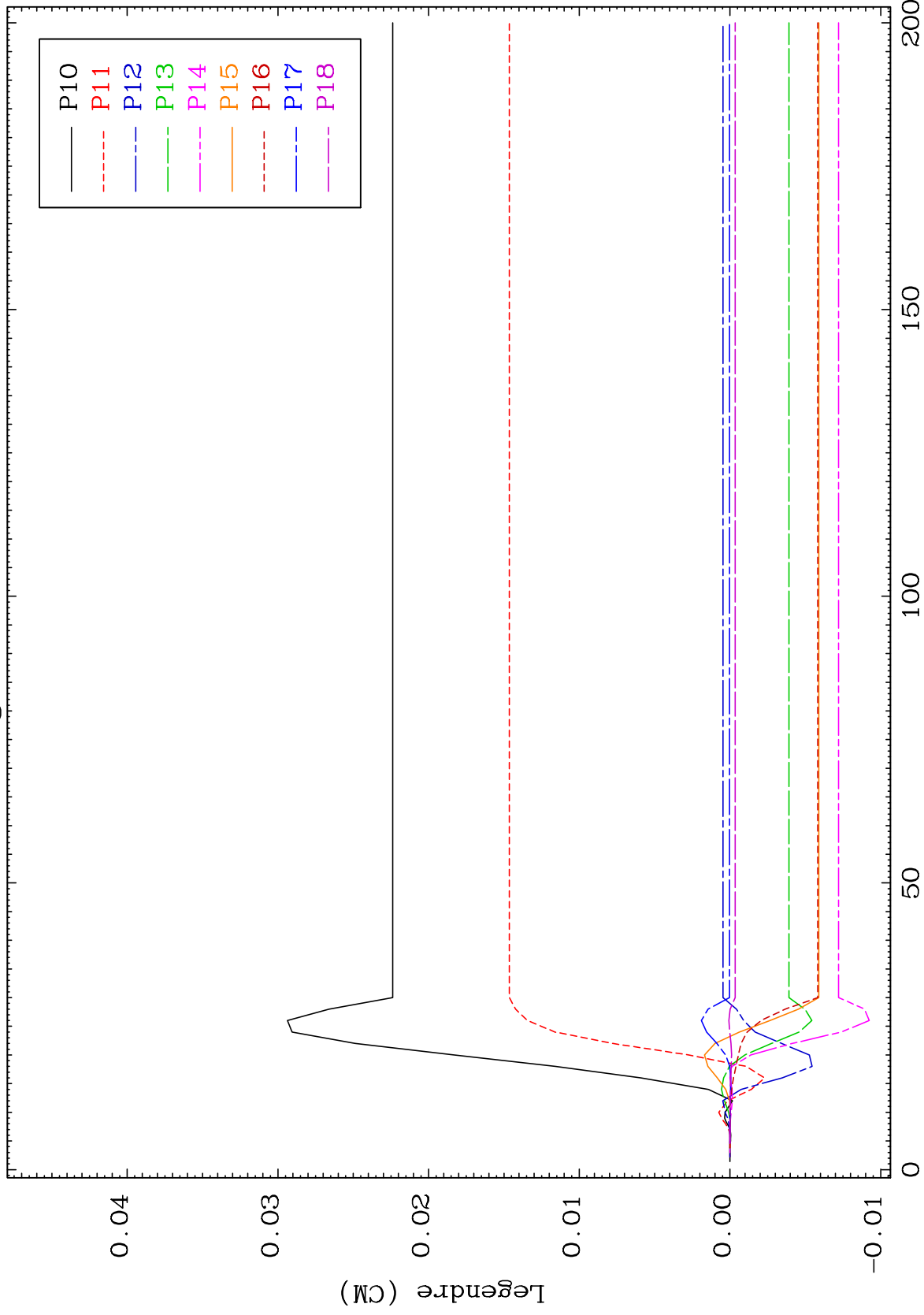
Incident Energy (MeV)

65-Tb-152

MAT 6504

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

65-Tb-152



35

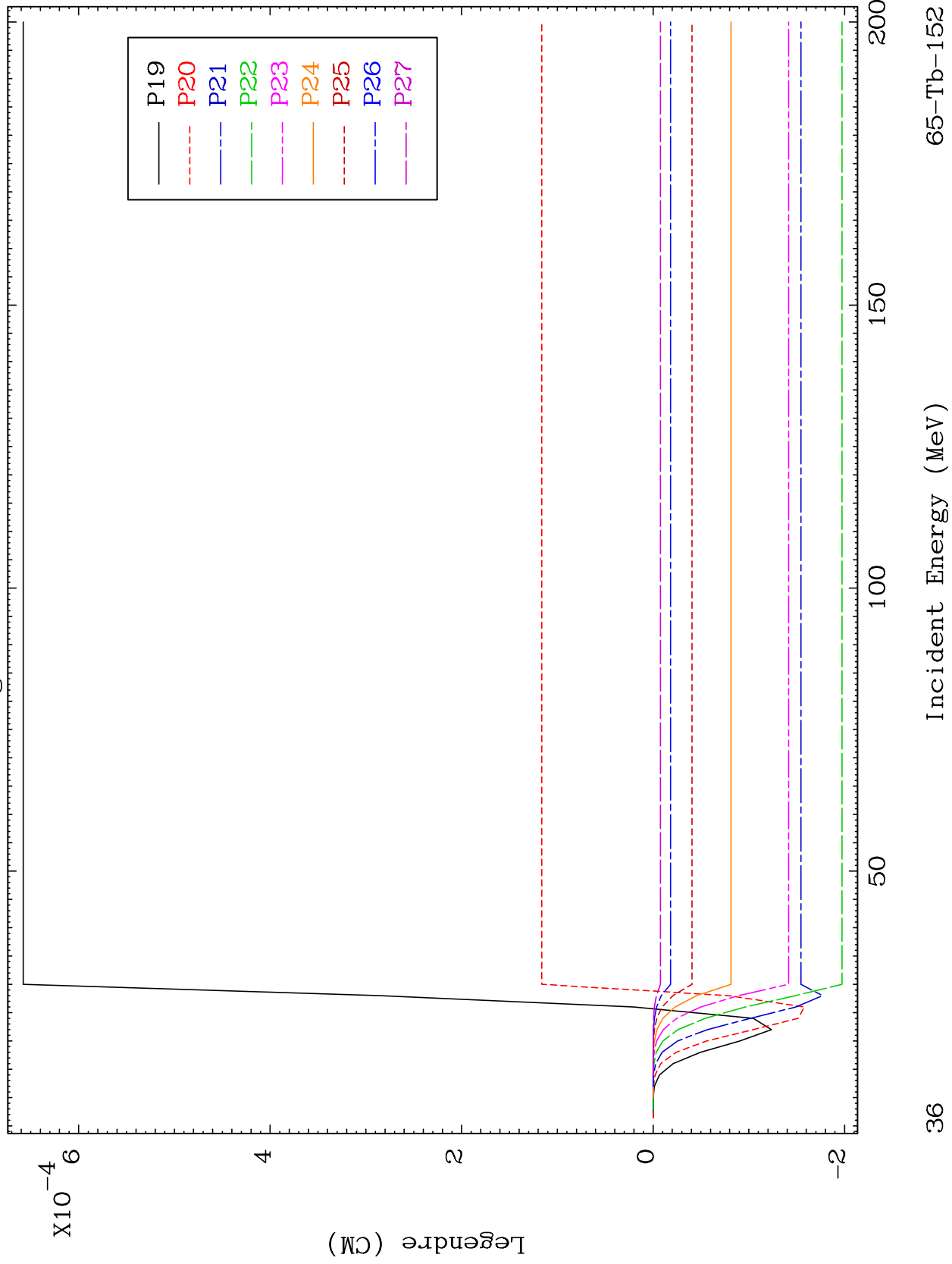
Incident Energy (MeV)

65-Tb-152

MAT 6504

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

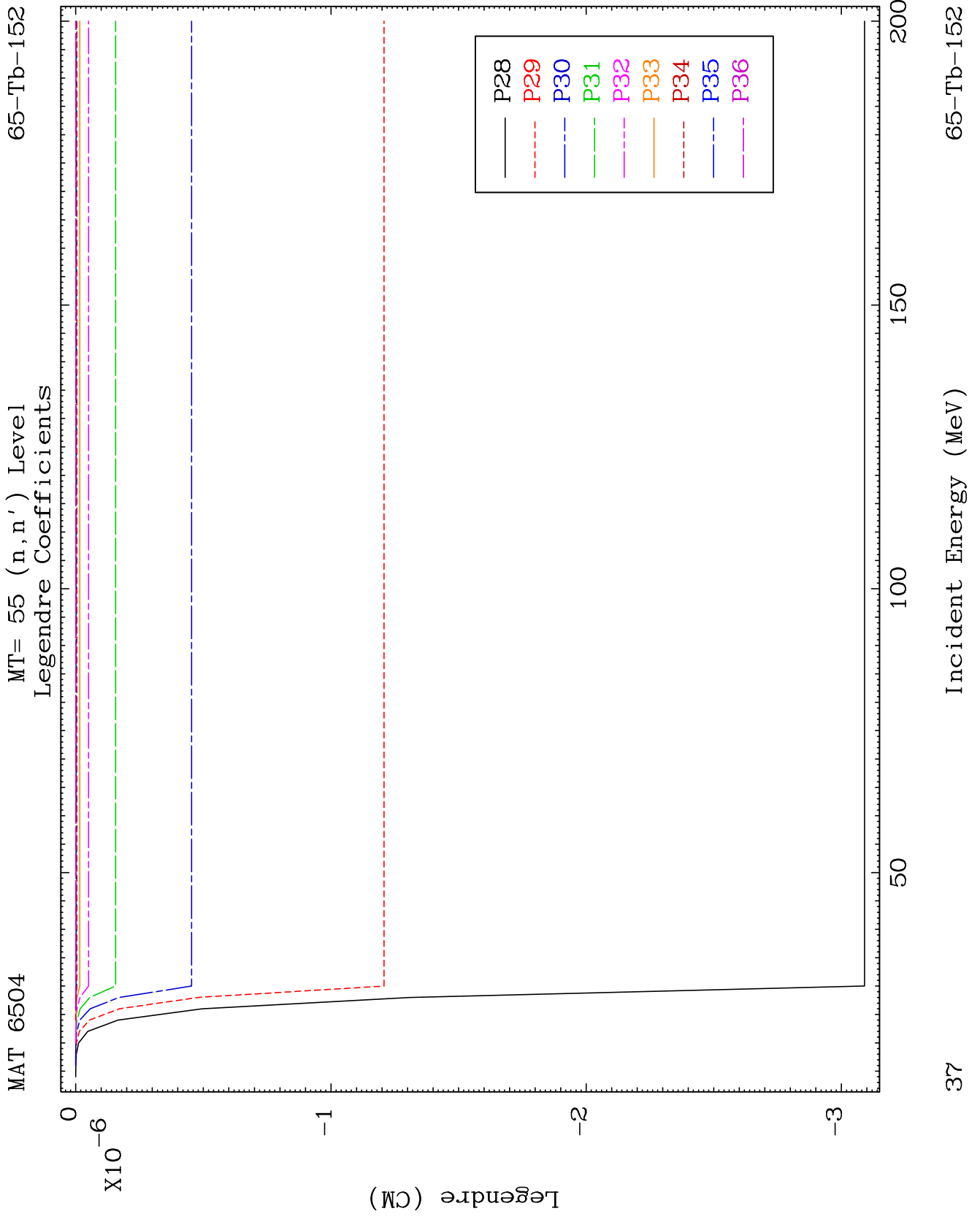
65-Tb-152



36

Incident Energy (MeV)

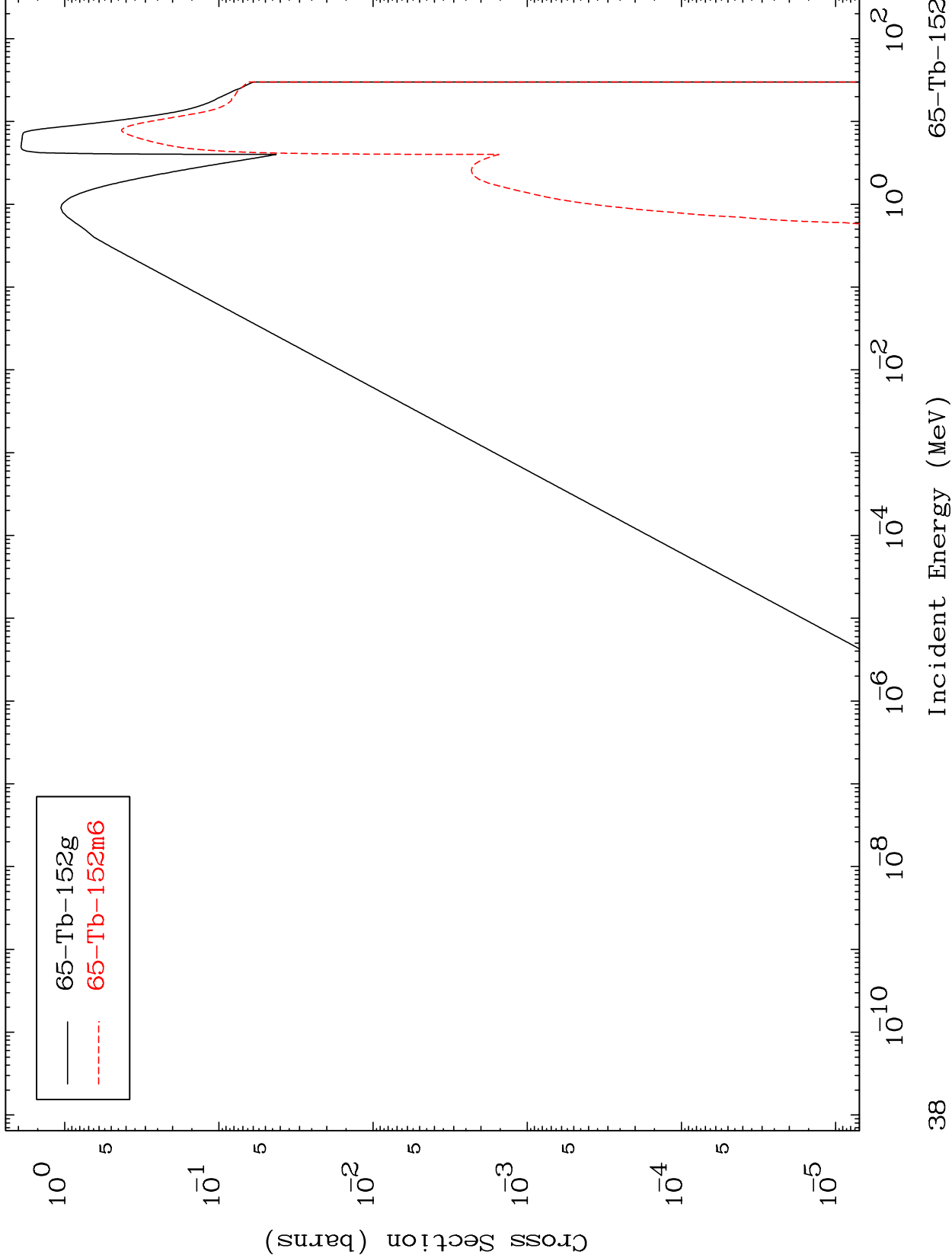
65-Tb-152



MAT 6504

Inelastic
Radionuclide Production Cross Section

65-Tb-152



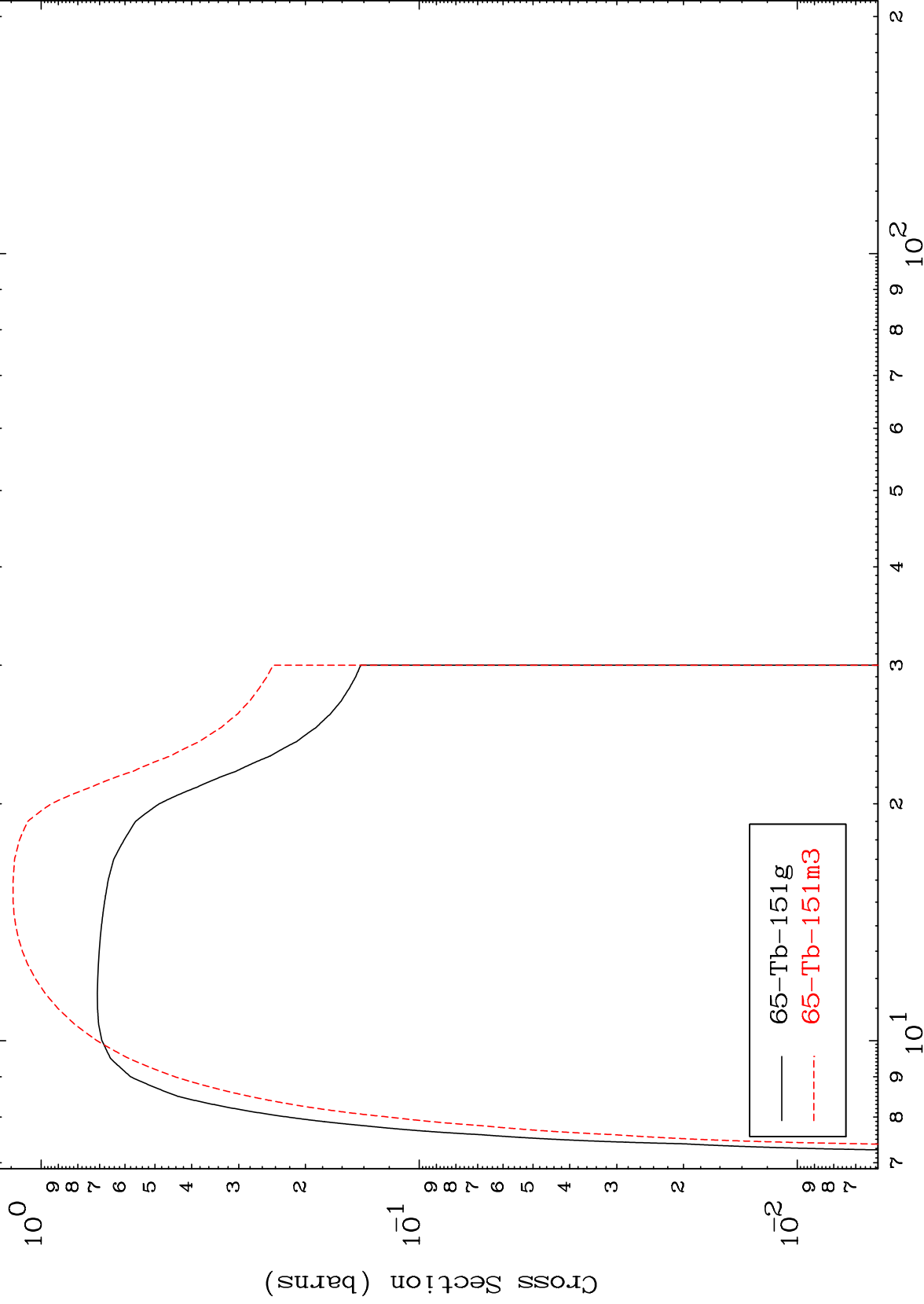
65-Tb-152g
65-Tb-152m6

MAT 6504

(n,2n)

65-Tb-152

Radionuclide Production Cross Section



39

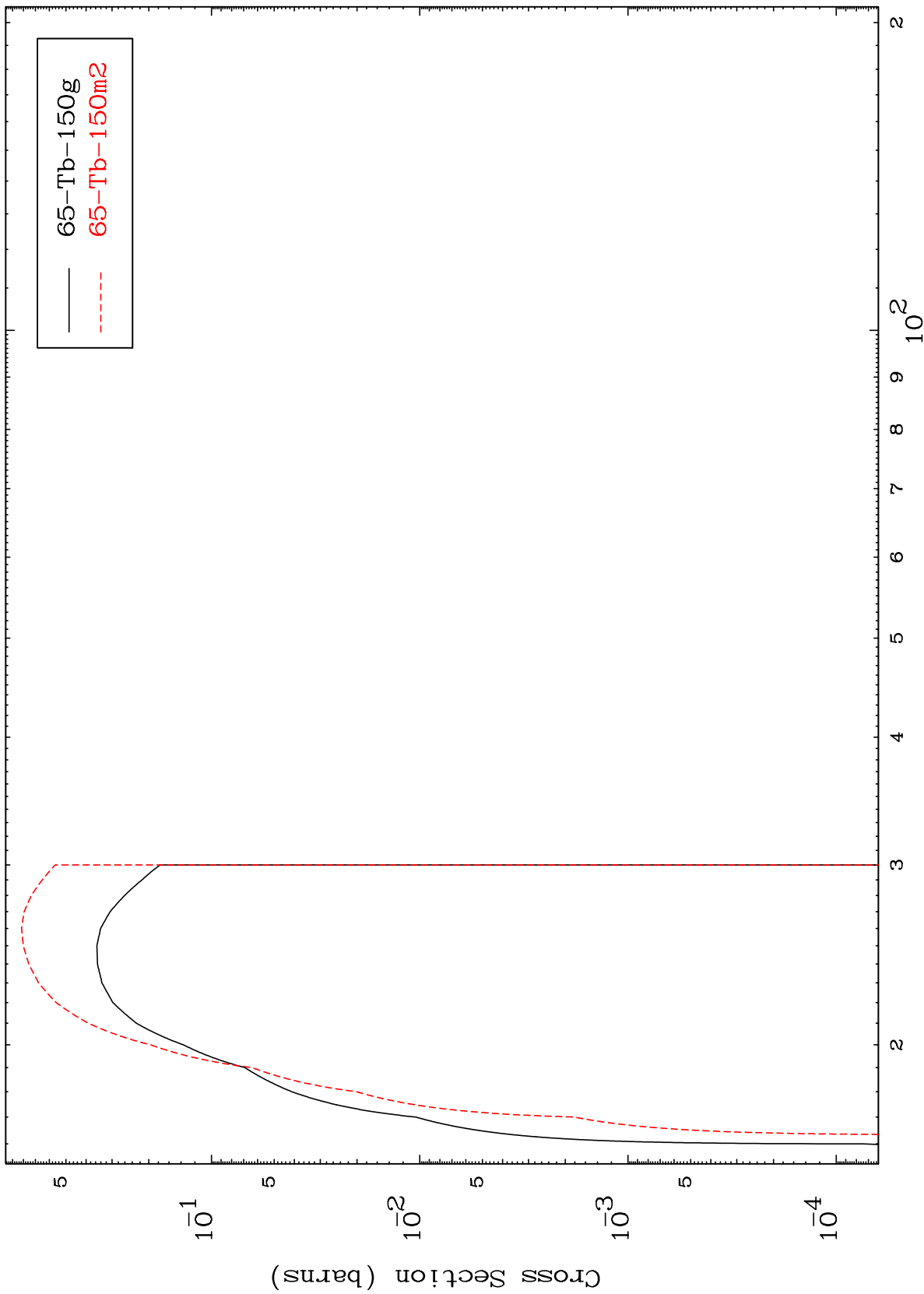
Incident Energy (MeV)

65-Tb-152

MAT 6504

65-Tb-152

(n,3n)
Radionuclide Production Cross Section



65-Tb-152

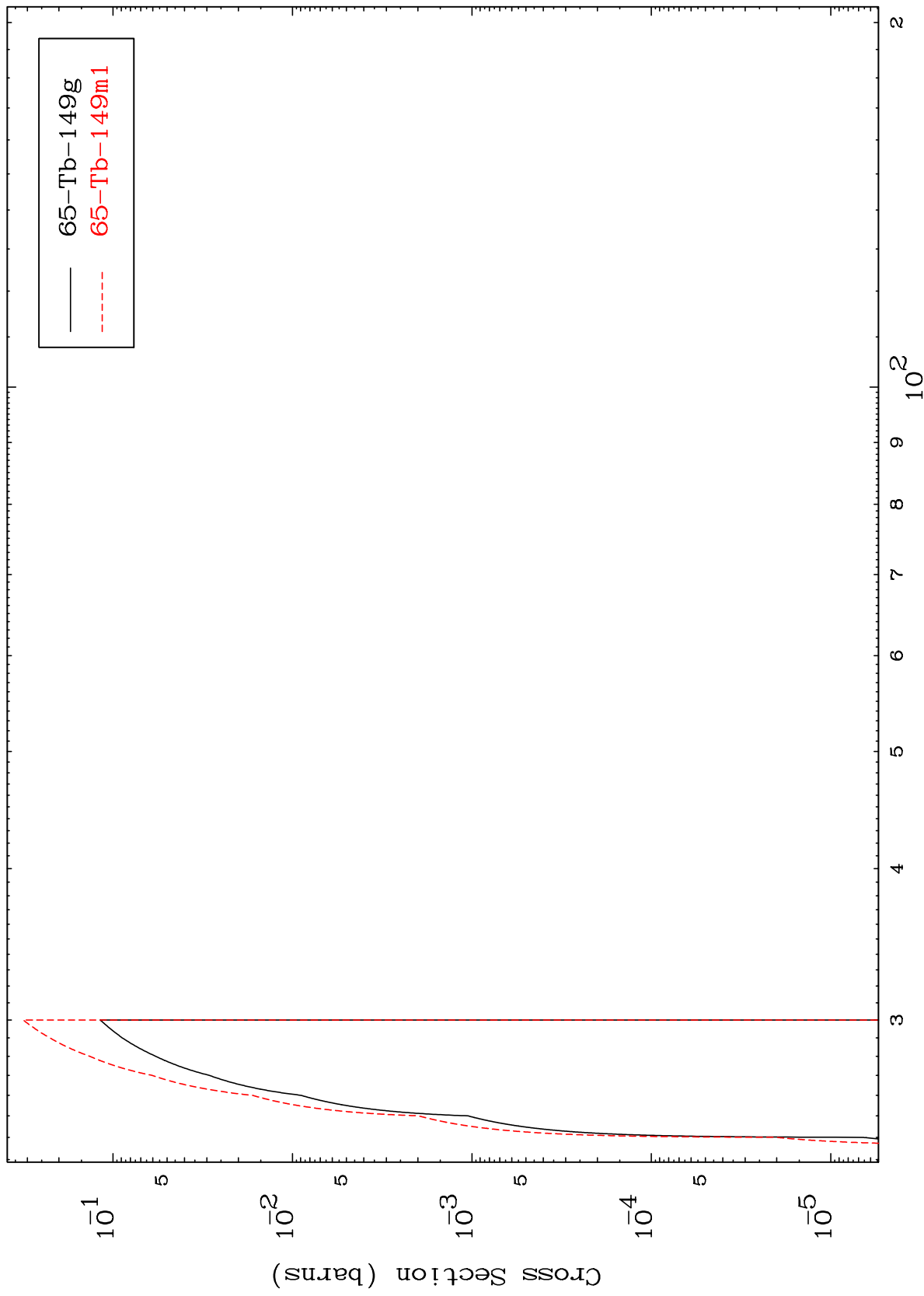
Incident Energy (MeV)

40

MAT 6504

65-Tb-152

(n,4n)
Radionuclide Production Cross Section



41

Incident Energy (MeV)

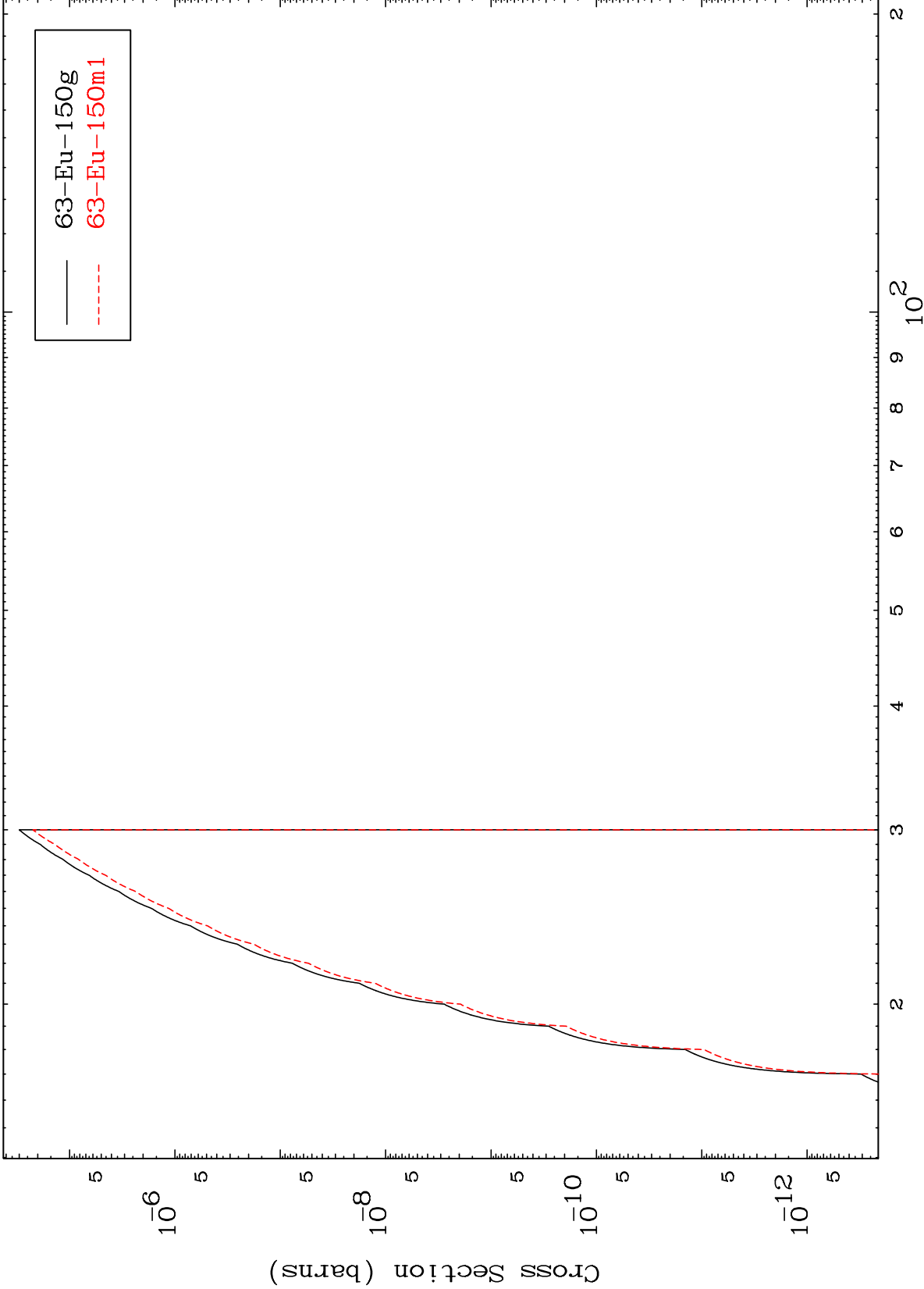
65-Tb-152

MAT 6504

(n,2n) p

65-Tb-152

Radionuclide Production Cross Section



42

Incident Energy (MeV)

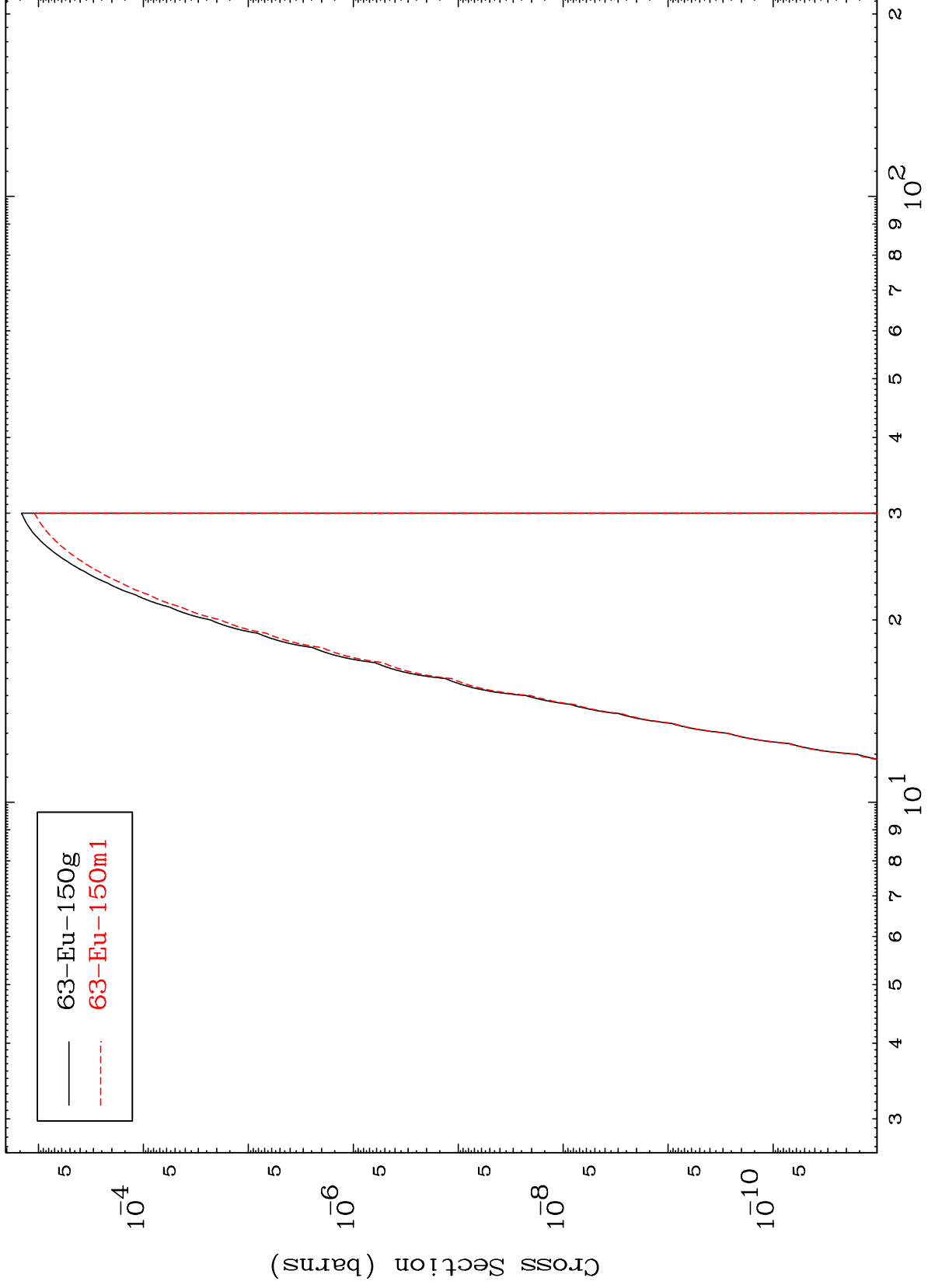
65-Tb-152

MAT 6504

(n,He-3)

65-Tb-152

Radionuclide Production Cross Section



43

Incident Energy (MeV)

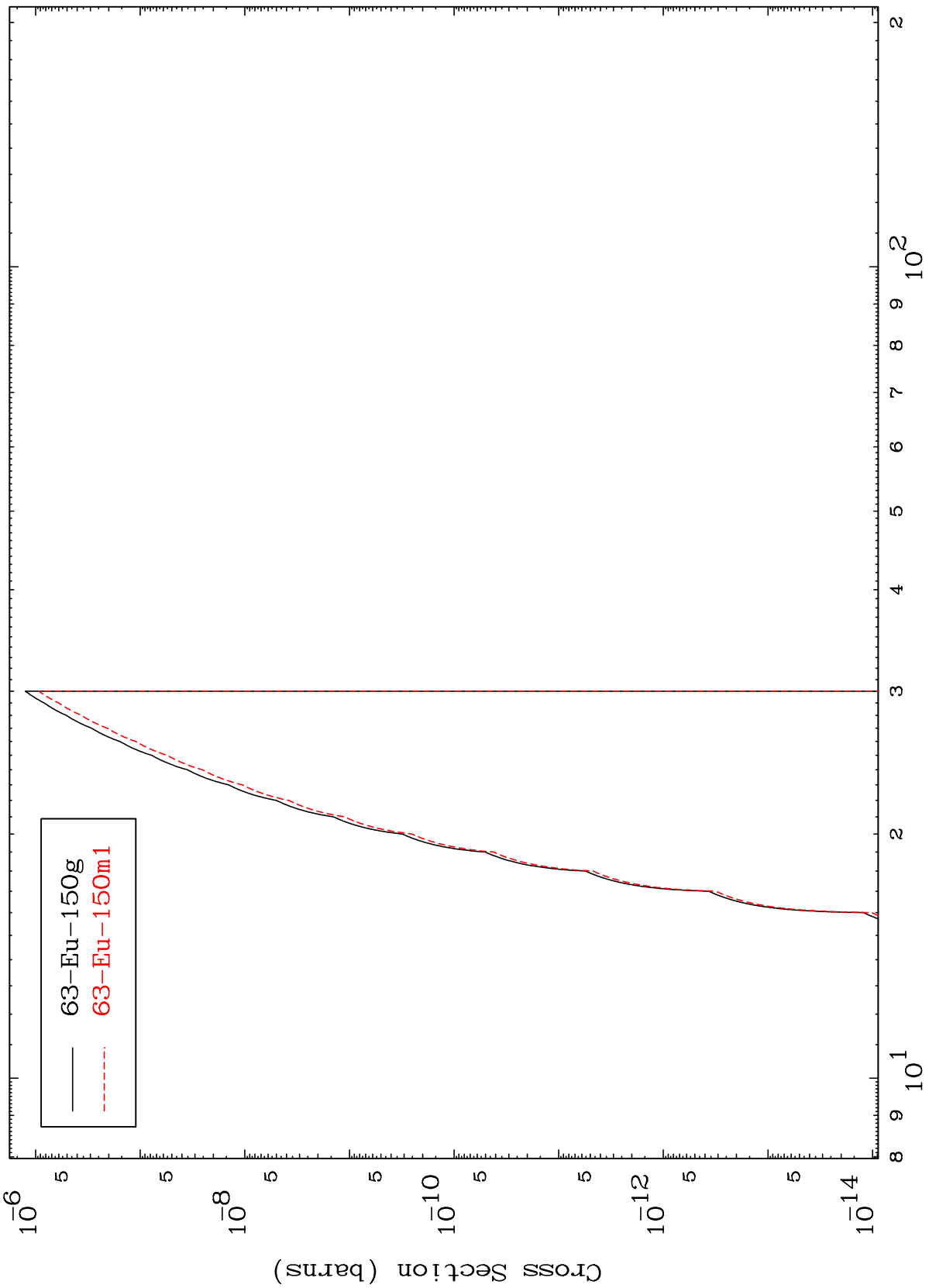
65-Tb-152

MAT 6504

(n,p) d

65-Tb-152

Radionuclide Production Cross Section



63-Eu-150g
63-Eu-150m1

Incident Energy (MeV)

65-Tb-152

44