

Program EVALPLOT
(Version 2021-1)

by

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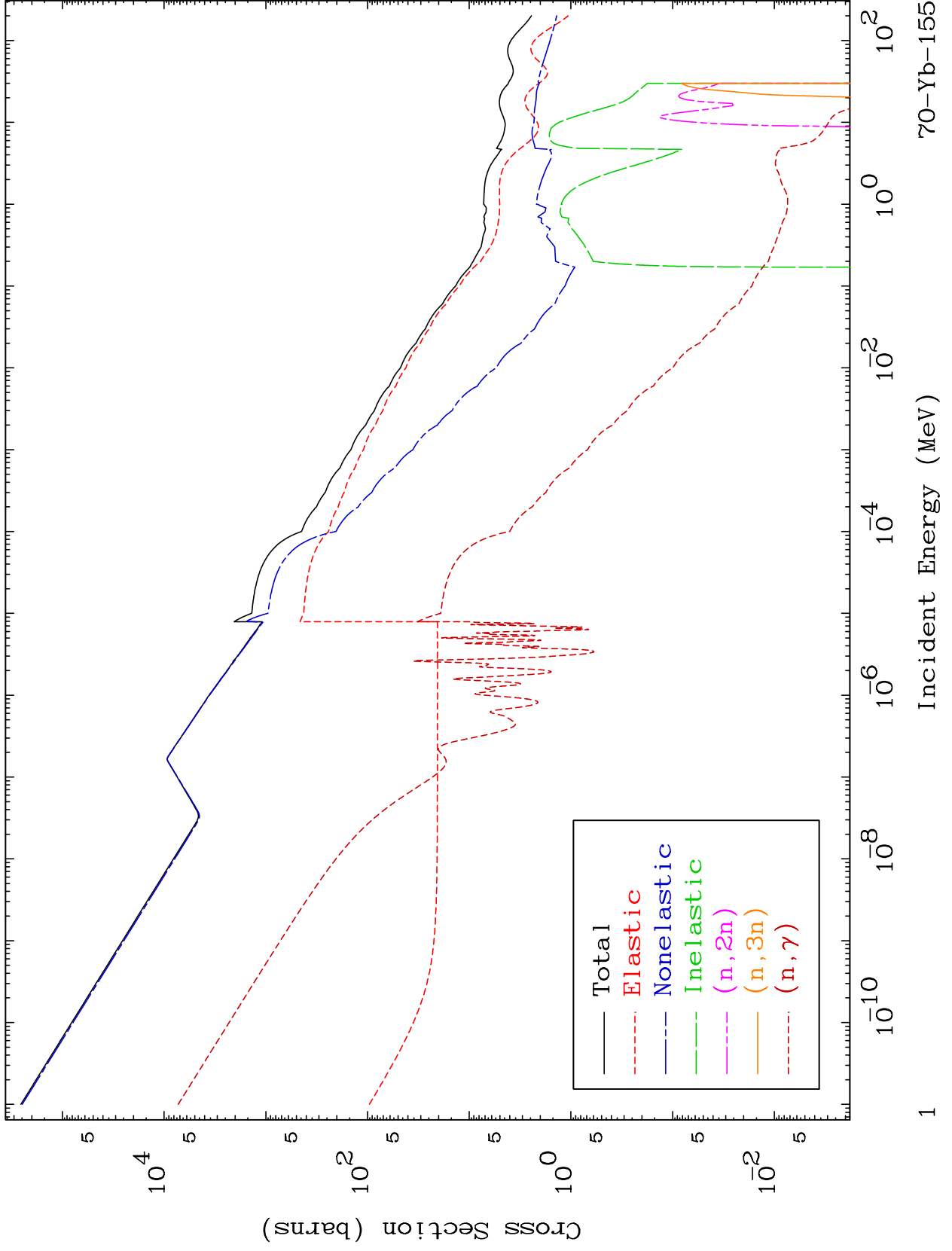
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Press Mouse Button to Start

MAT 6986

Neutron Major
293 Kelvin Cross Sections

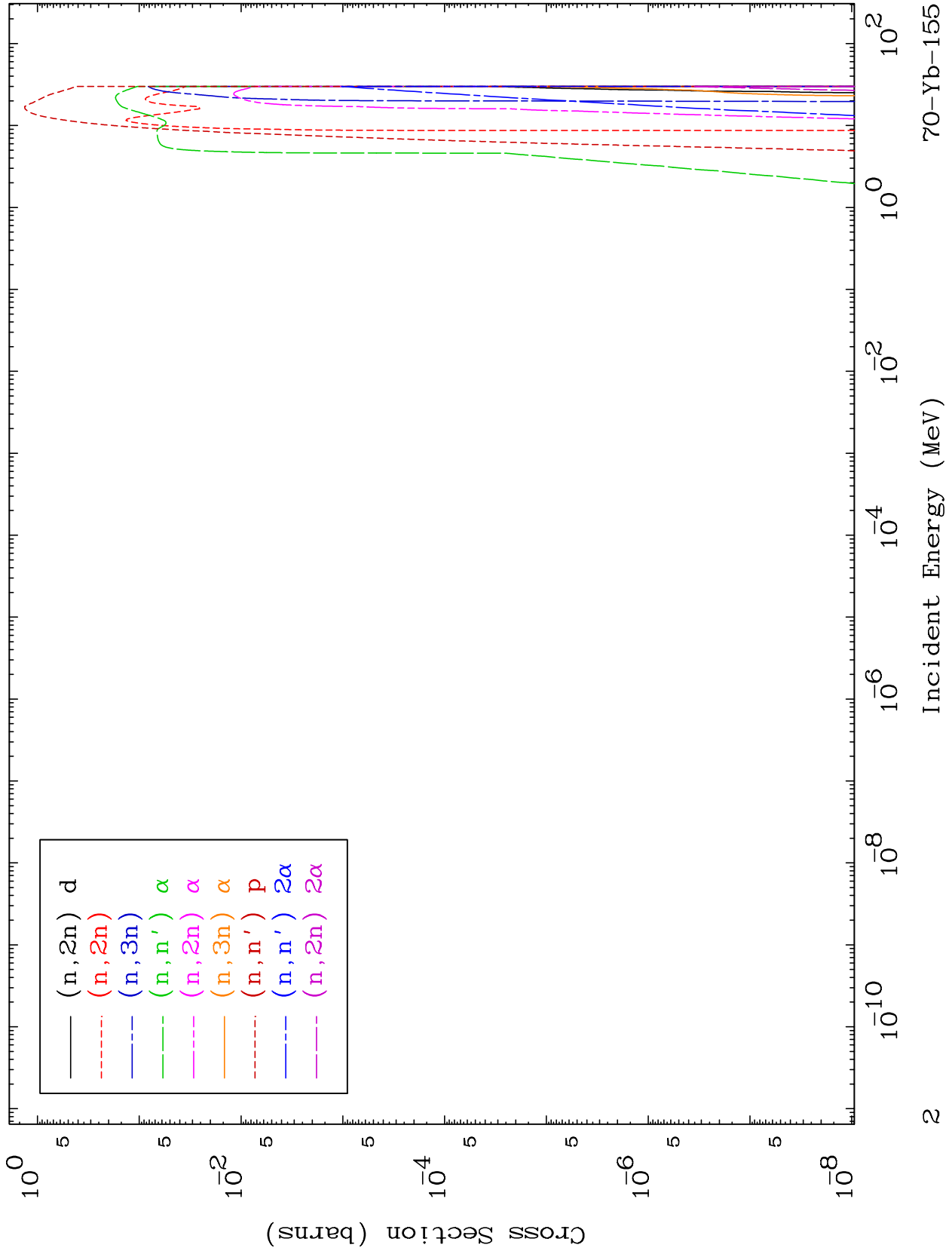
70-Yb-155



MAT 6986

Neutron Absorption
293 Kelvin Cross Sections

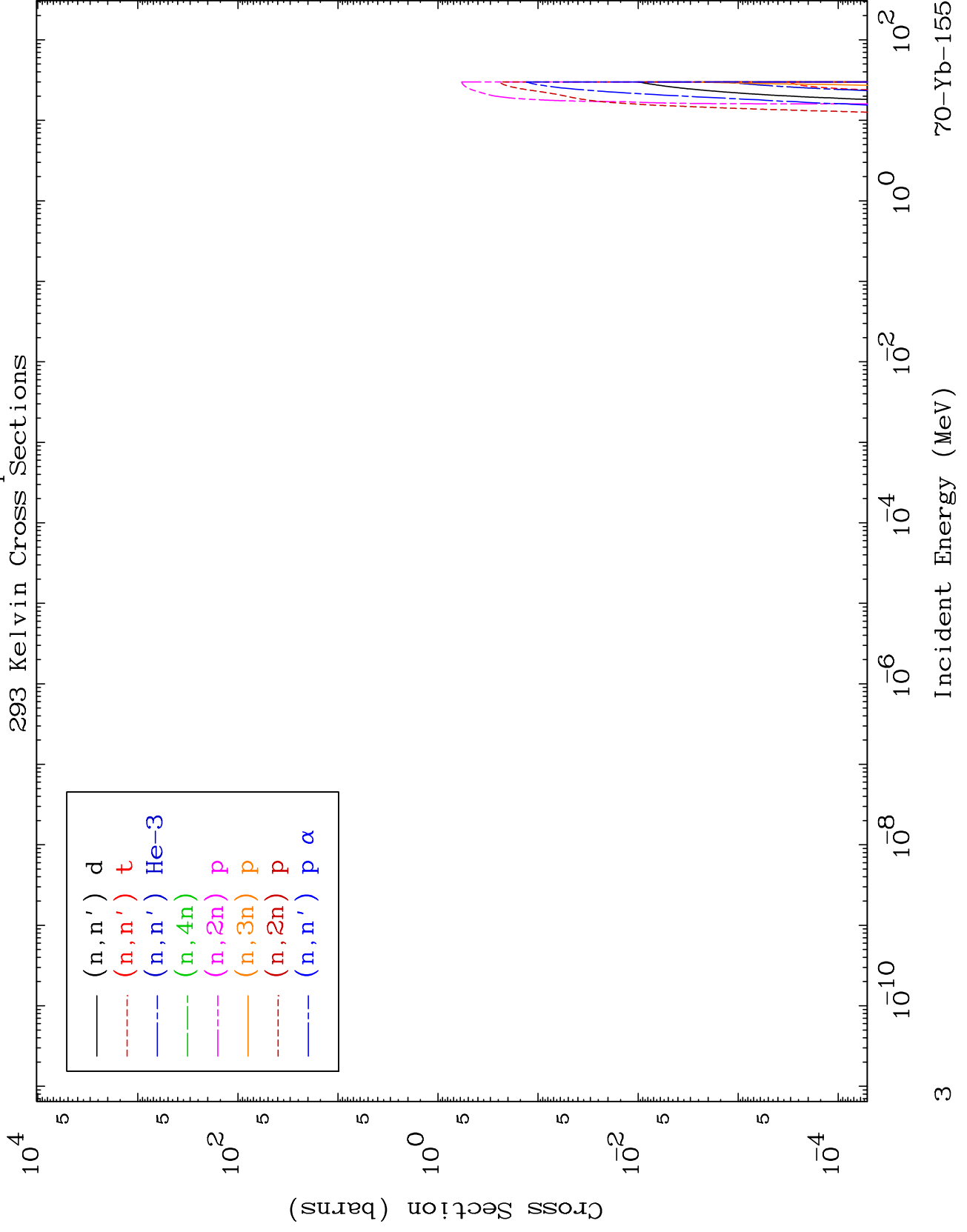
70-Yb-155



MAT 6986

Neutron Absorption
293 Kelvin Cross Sections

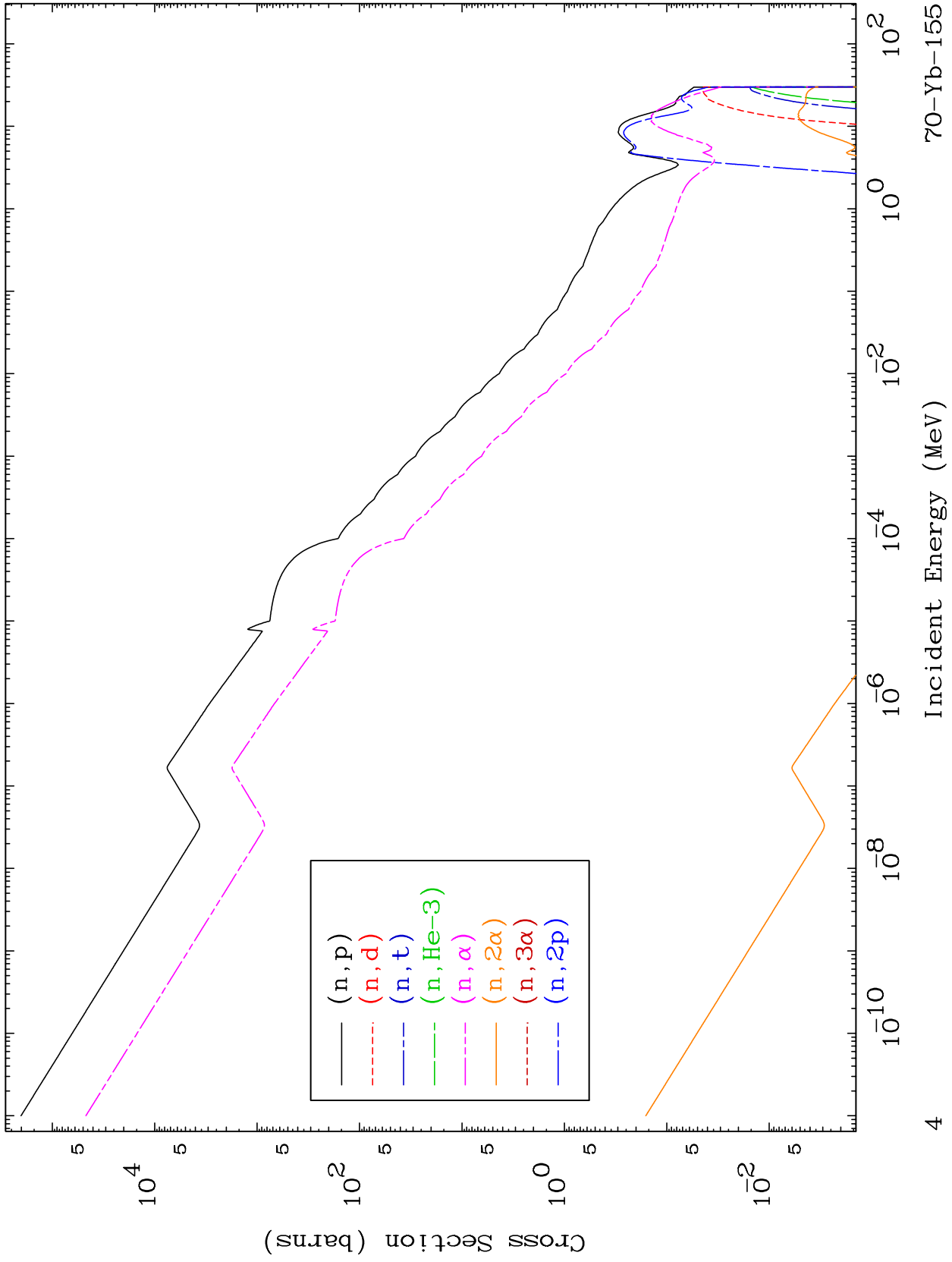
70-Yb-155



MAT 6986

Neutron Absorption
293 Kelvin Cross Sections

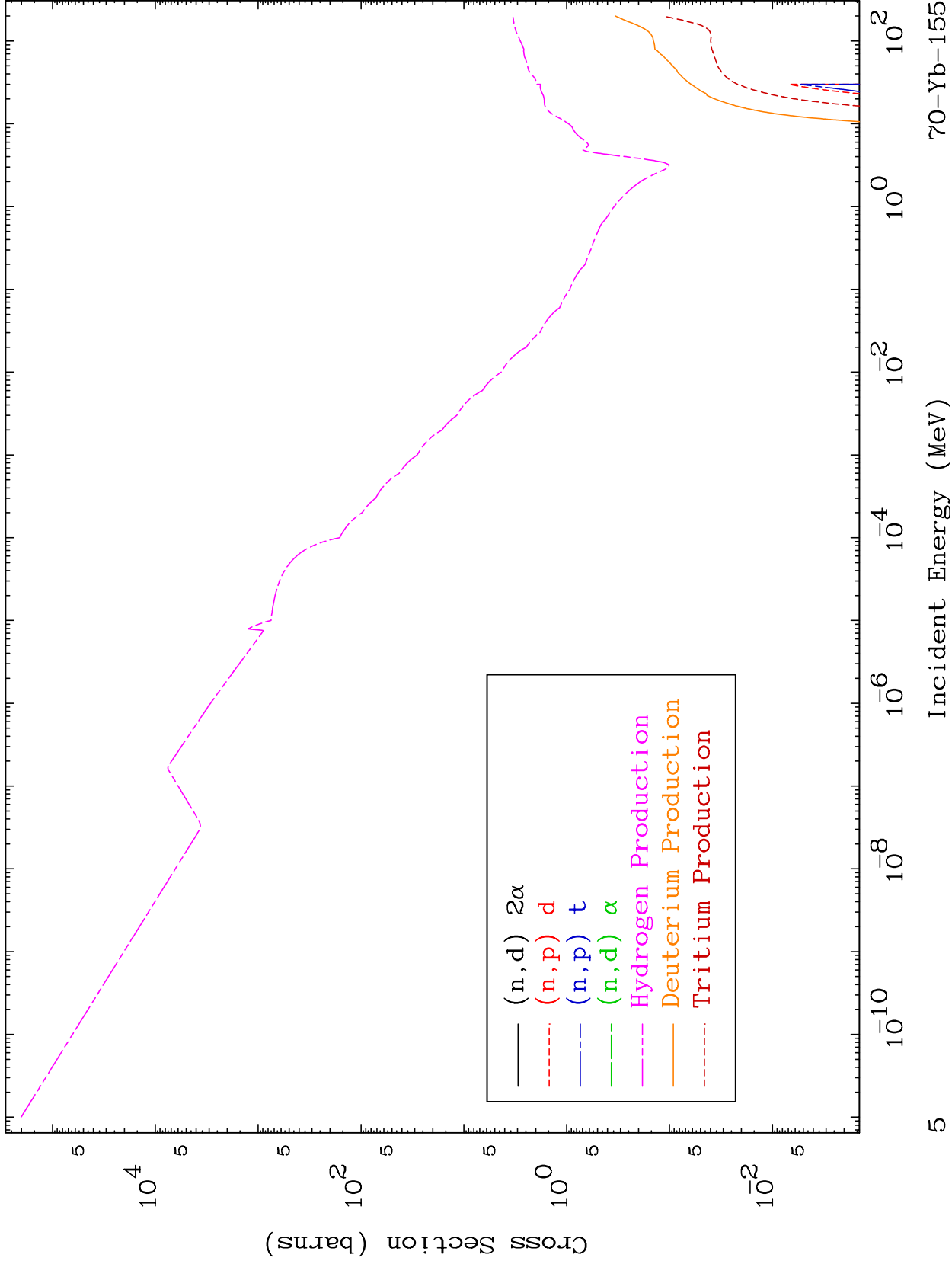
70-Yb-155



MAT 6986

Neutron Absorption
293 Kelvin Cross Sections

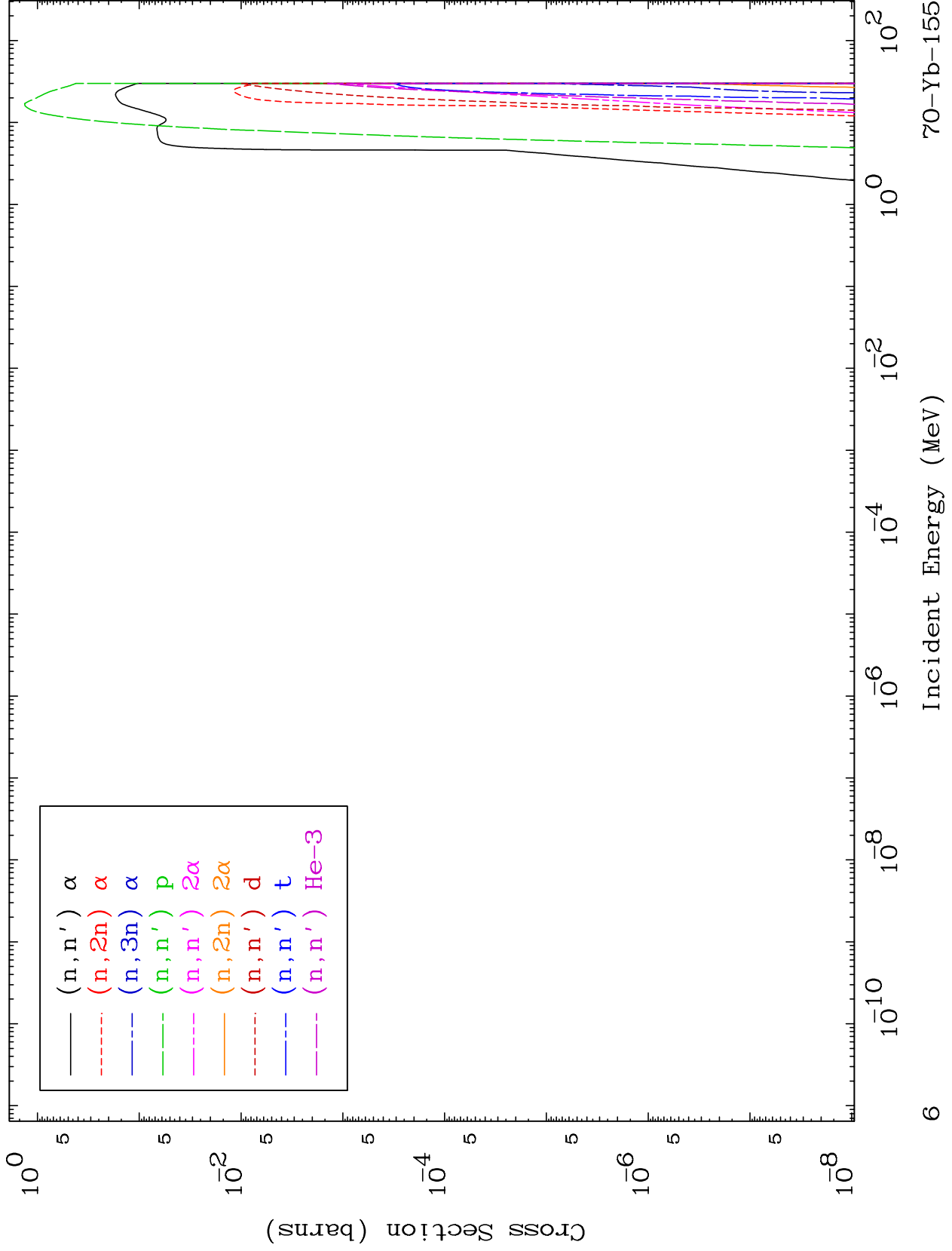
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MAT 6986

Charged Particle
293 Kelvin Cross Sections

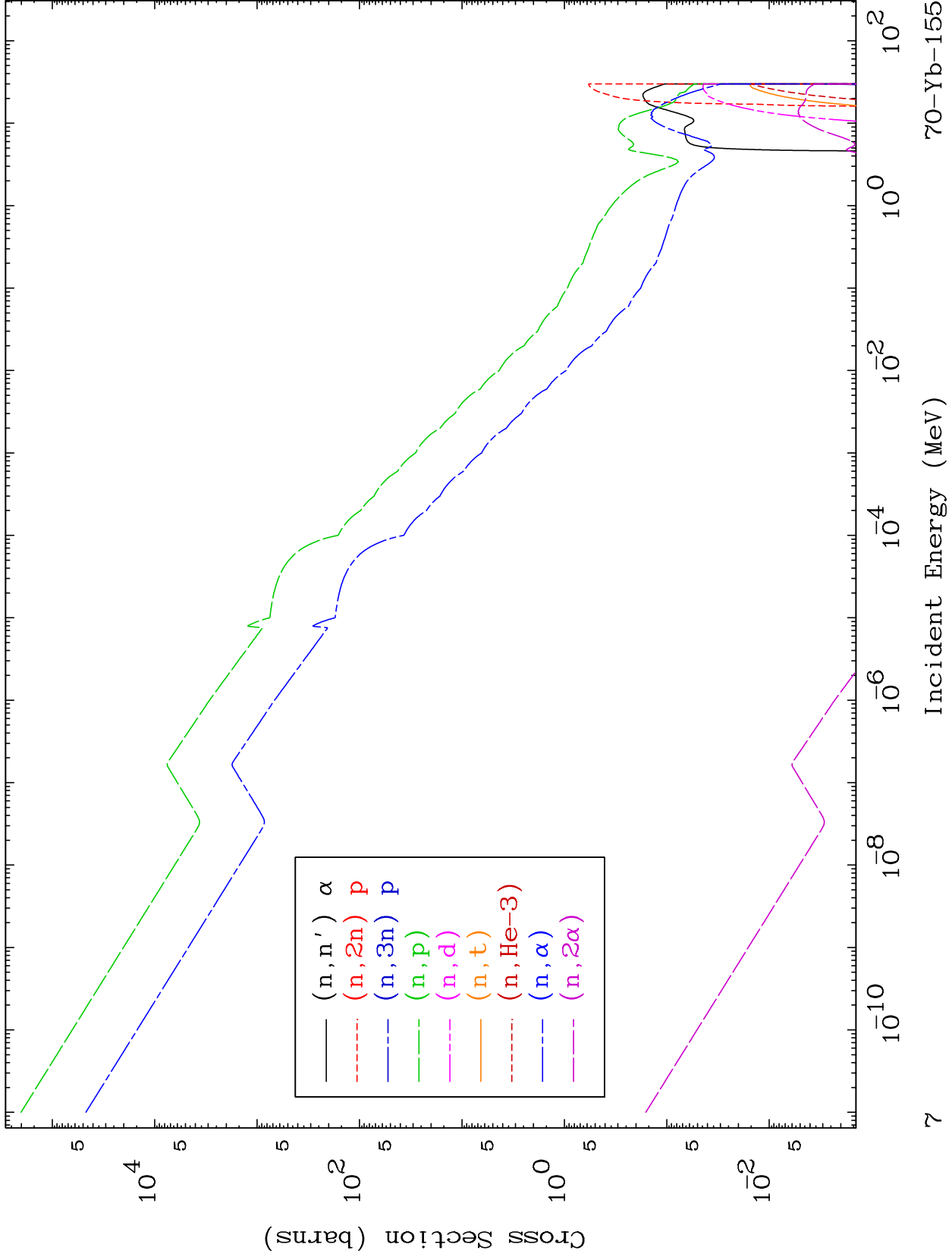
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MAT 6986

Charged Particle
293 Kelvin Cross Sections

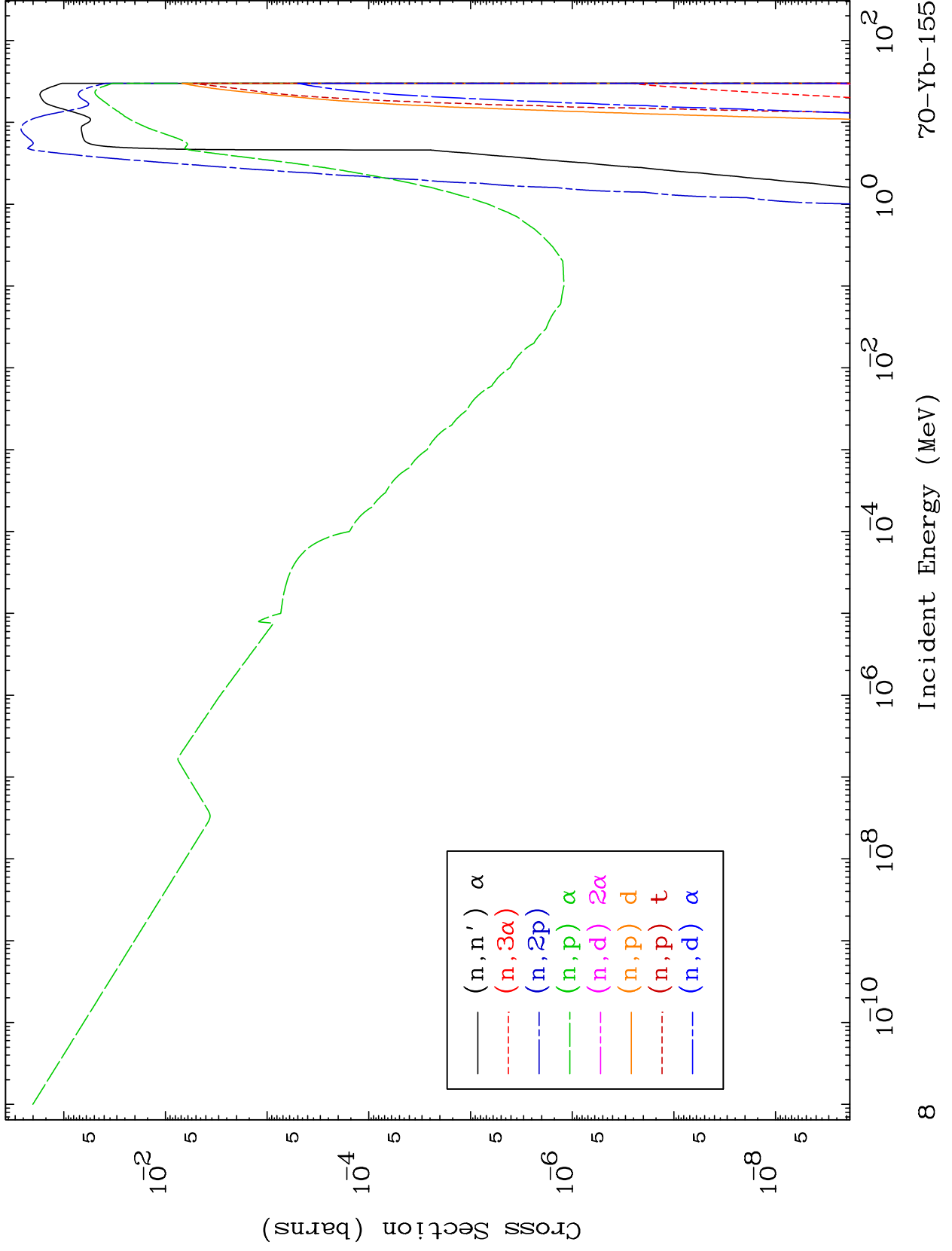
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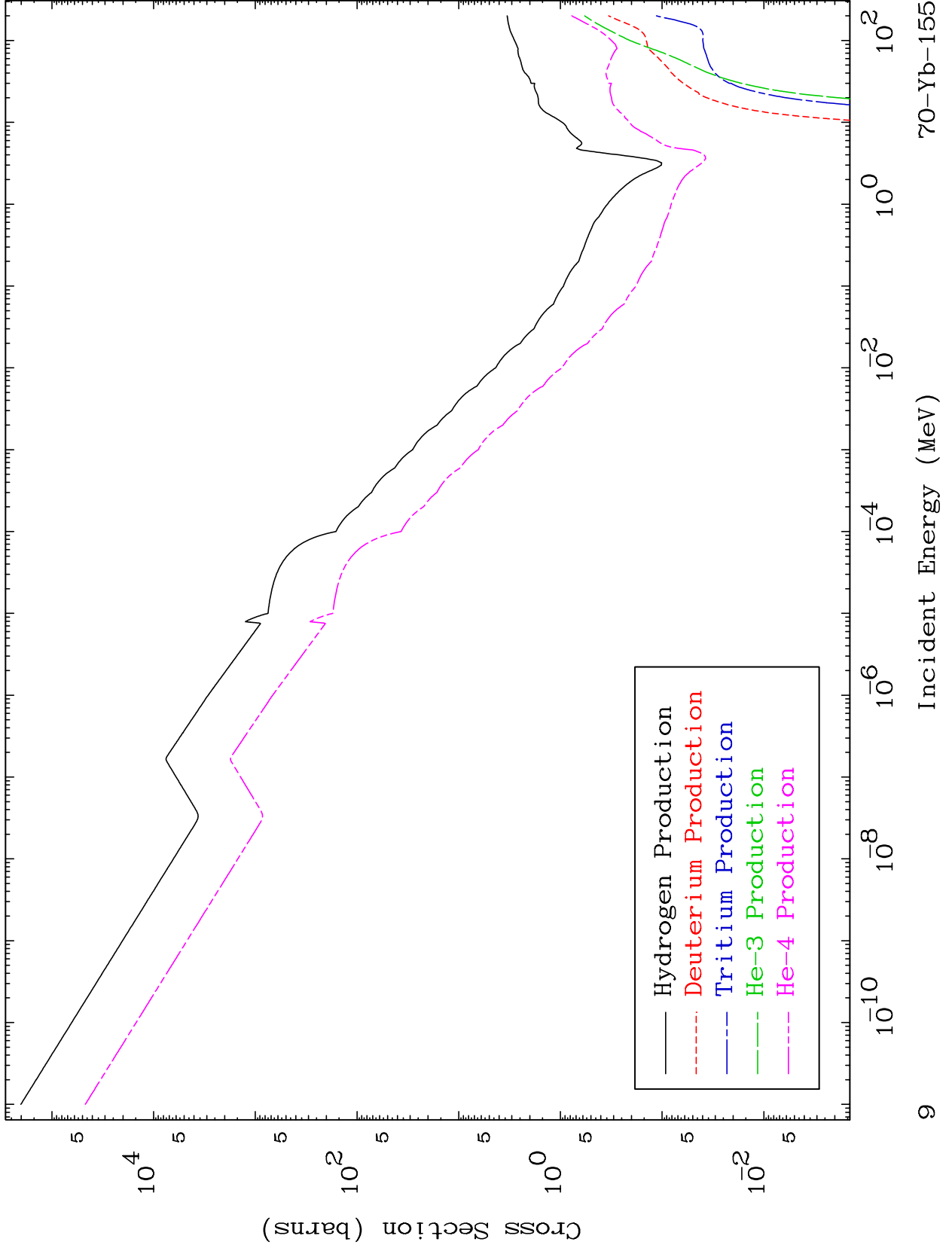


MAT 6986

Charged Particle
293 Kelvin Cross Sections

70-Yb-155



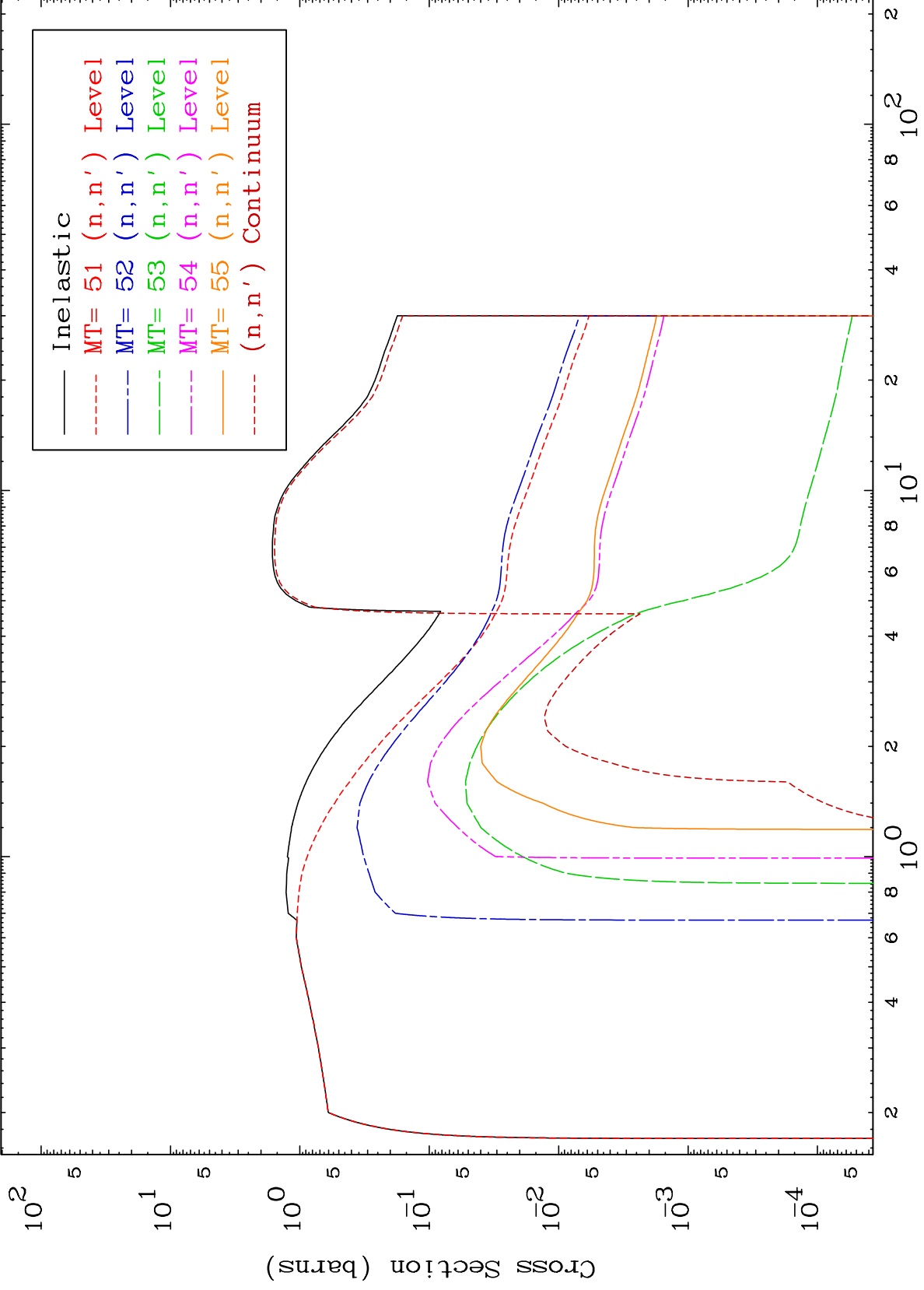


MAT 6986

(n,n') Levels

293 Kelvin Cross Sections

70-Yb-155



10

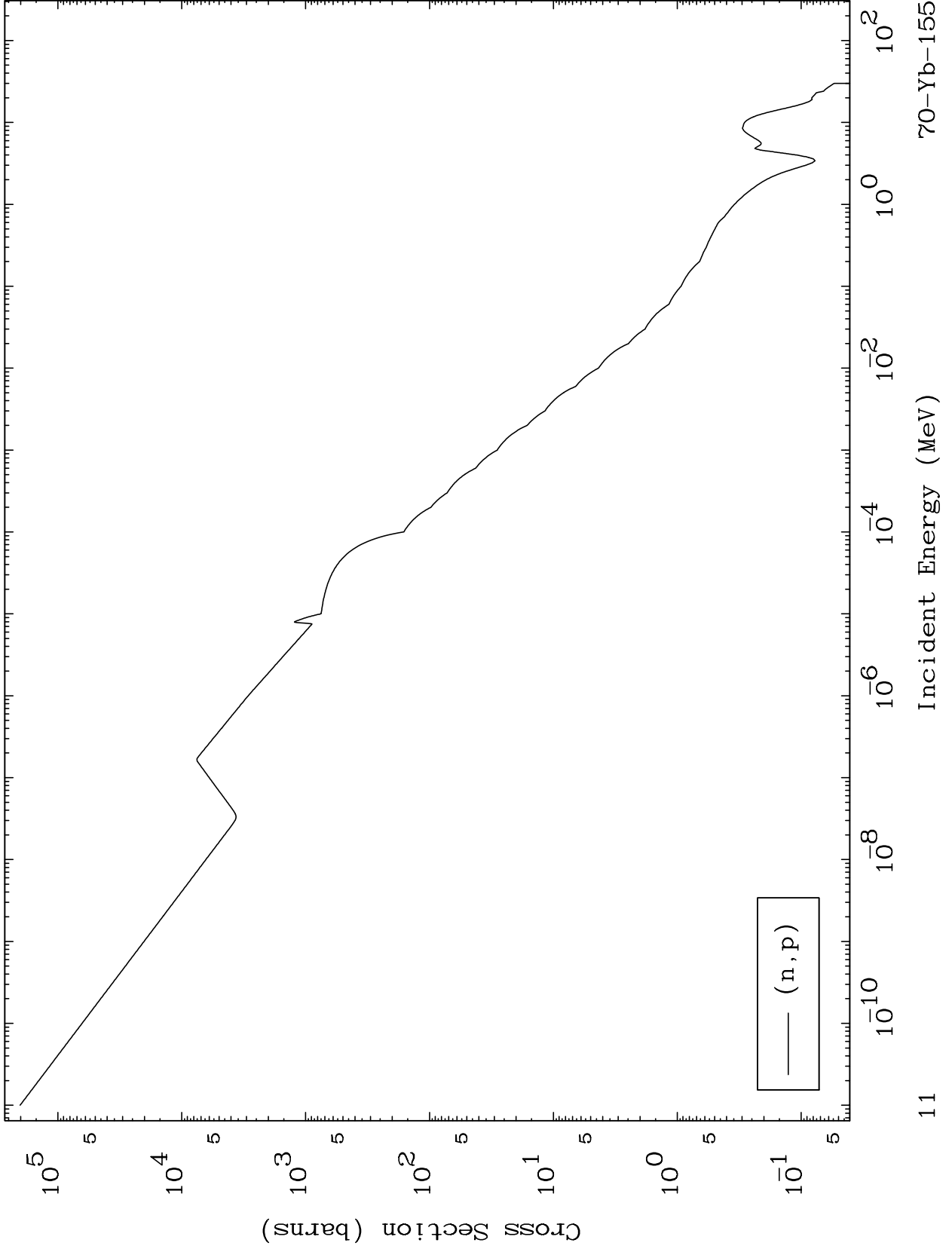
Incident Energy (MeV)

70-Yb-155

MAT 6986

(n,p) Levels
293 Kelvin Cross Sections

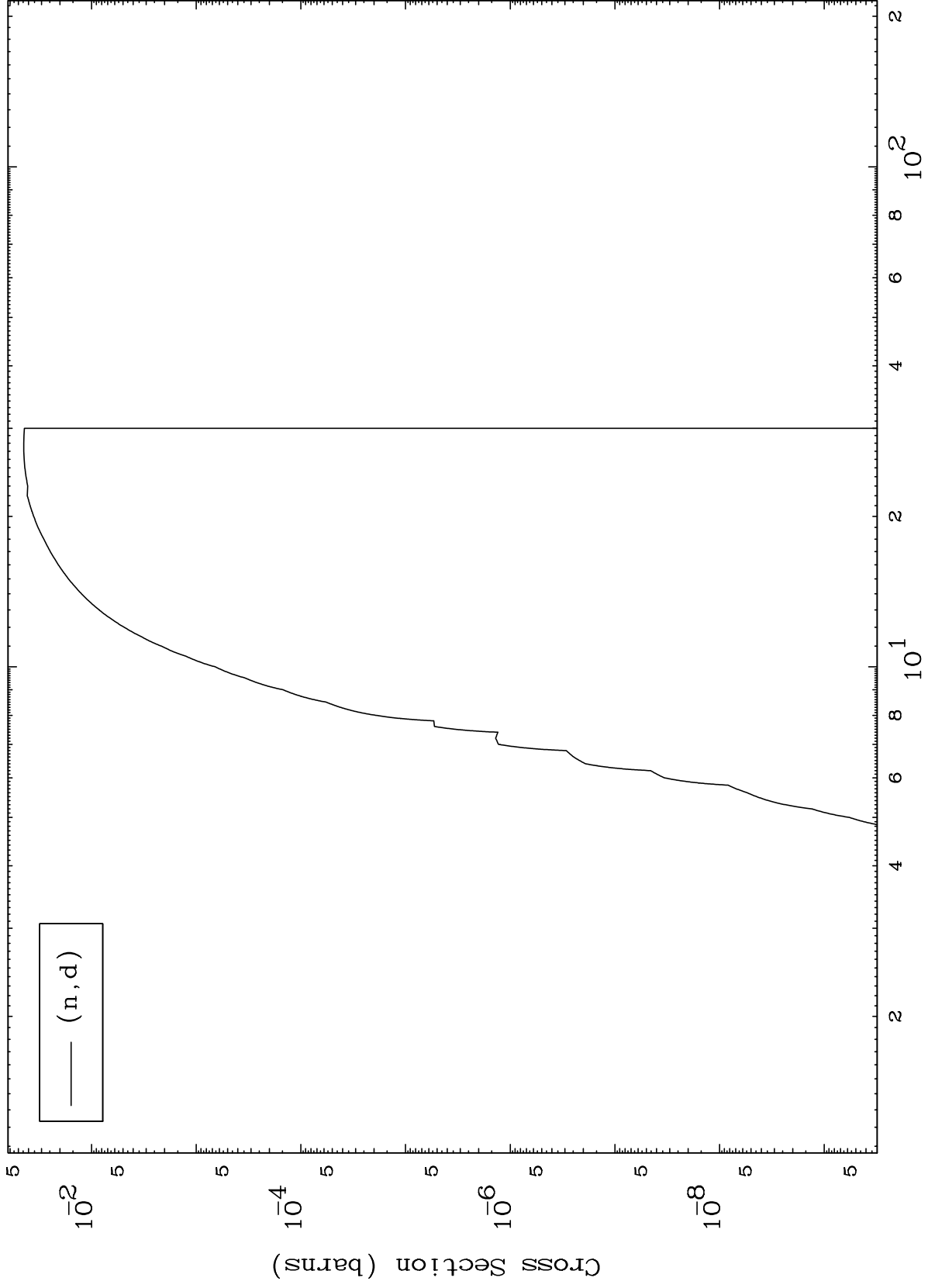
70-Yb-155



MAT 6986

(n,d) Levels
293 Kelvin Cross Sections

70-Yb-155



12

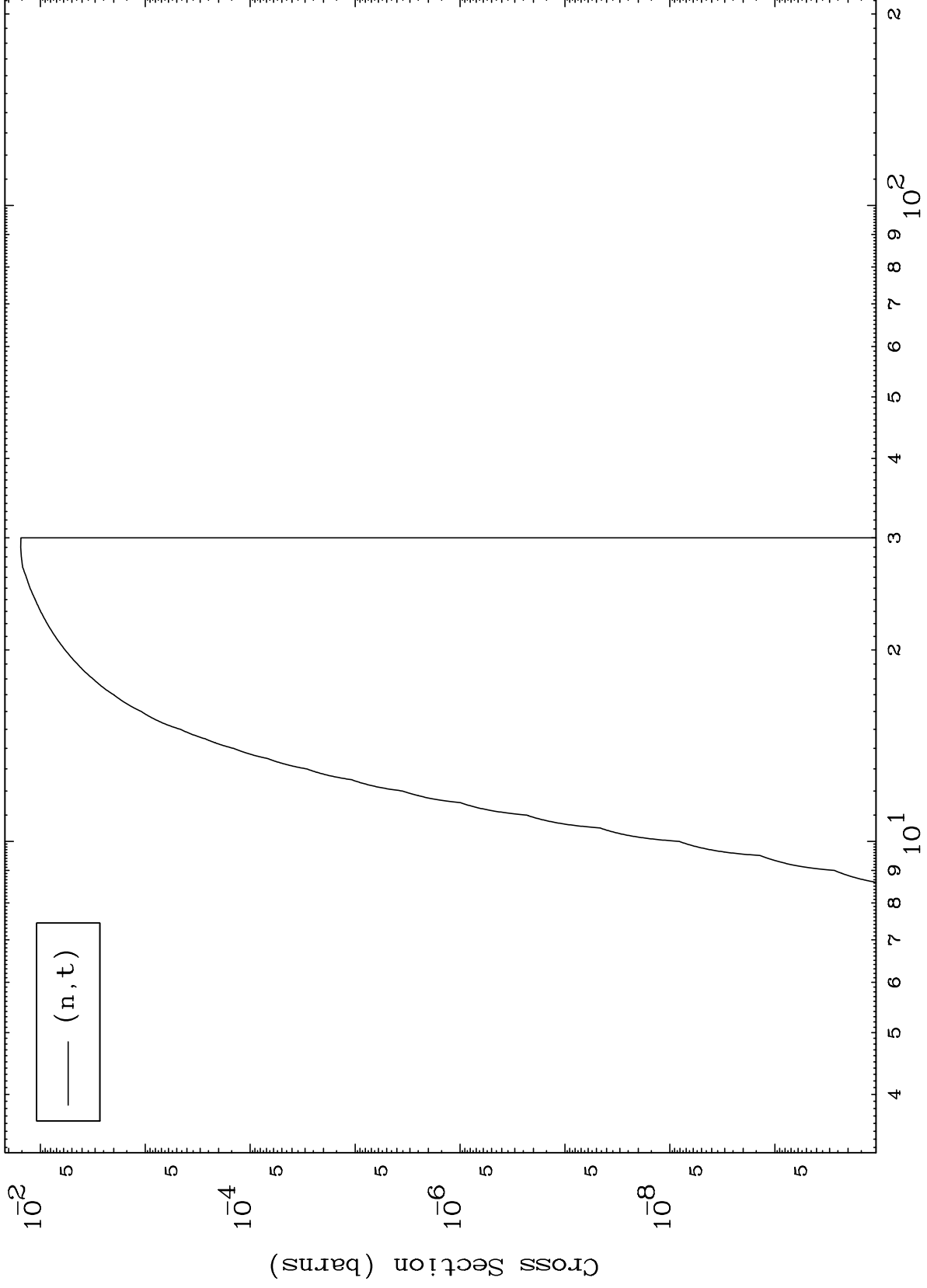
Incident Energy (MeV)

70-Yb-155

MAT 6986

(n,t) Levels
293 Kelvin Cross Sections

70-Yb-155



13

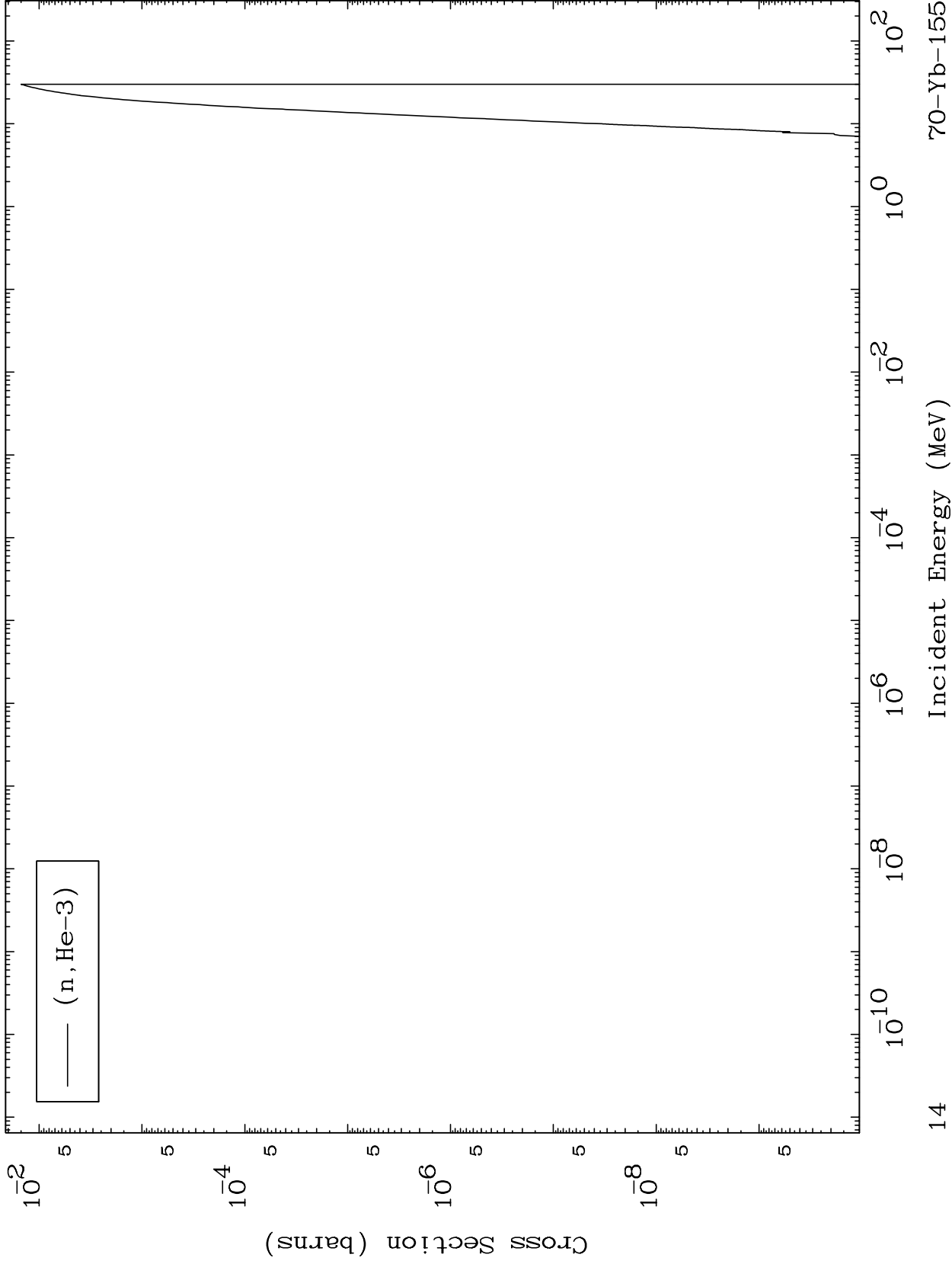
Incident Energy (MeV)

70-Yb-155

MAT 6986

(n,He3) Levels
293 Kelvin Cross Sections

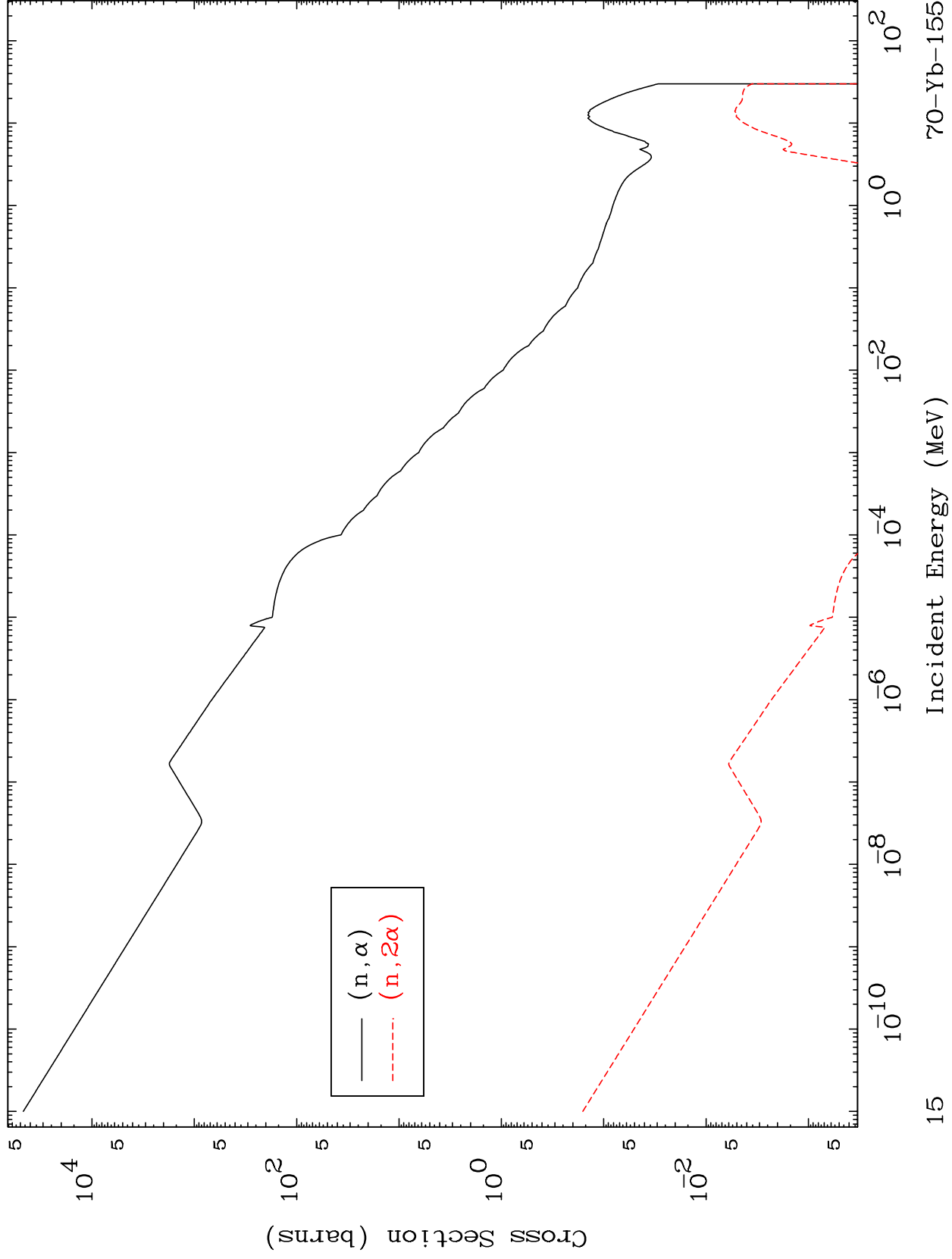
70-Yb-155



MAT 6986

(n,α) Levels
293 Kelvin Cross Sections

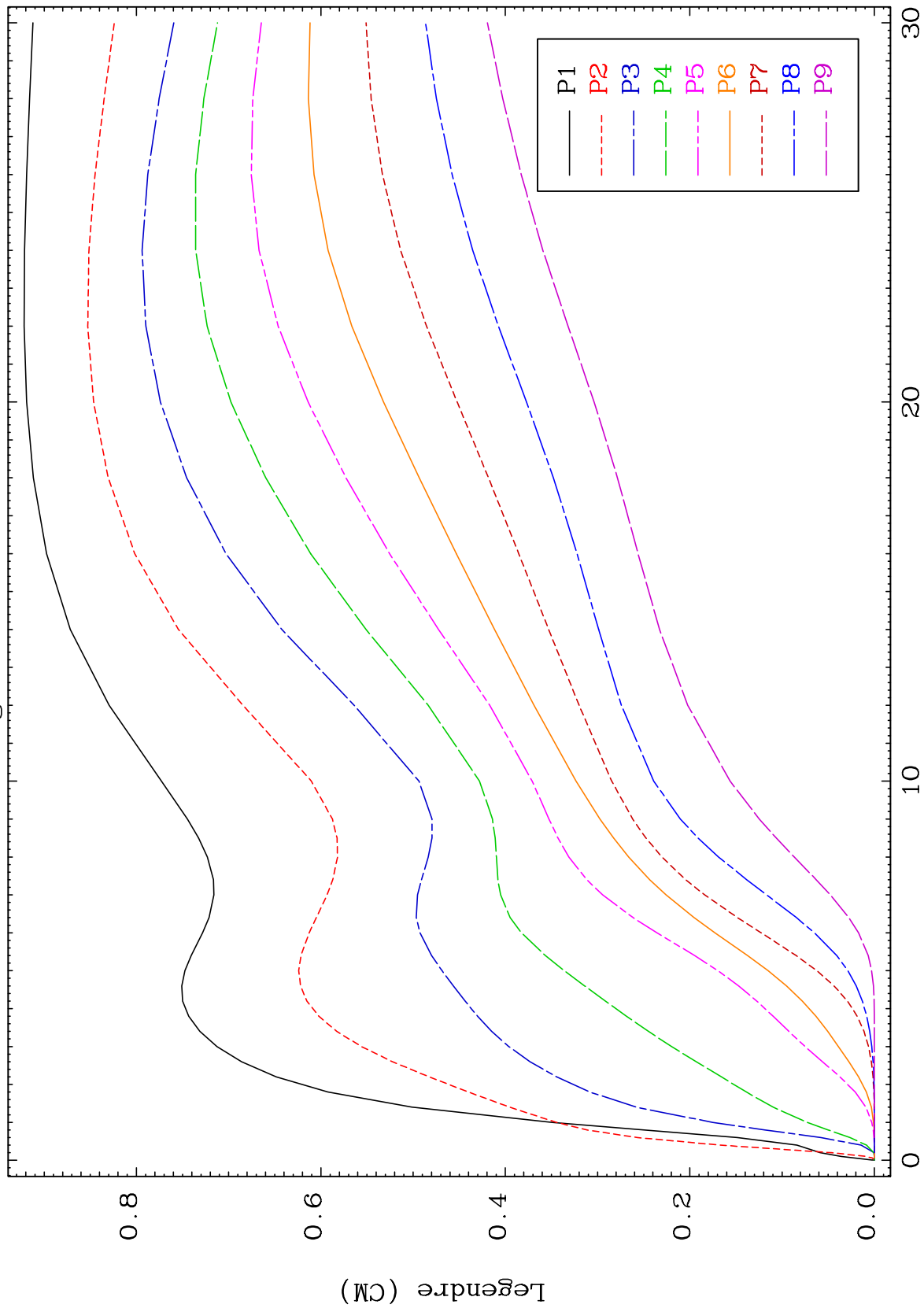
70-Yb-155



MAT 6986

Elastic Legendre Coefficients

70-Yb-155



16

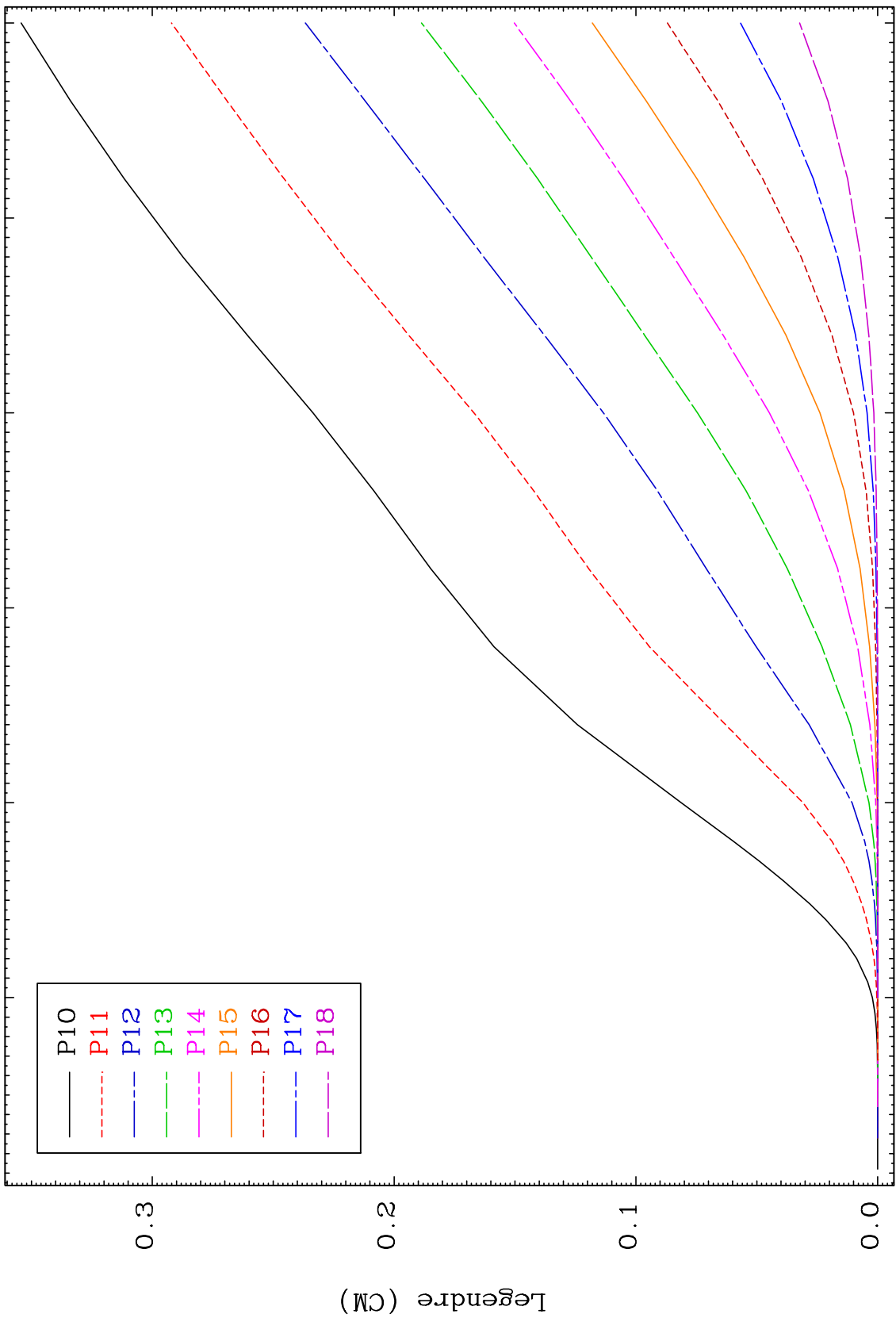
Incident Energy (MeV)

70-Yb-155

MAT 6986

Elastic
Legendre Coefficients

70-Yb-155



17

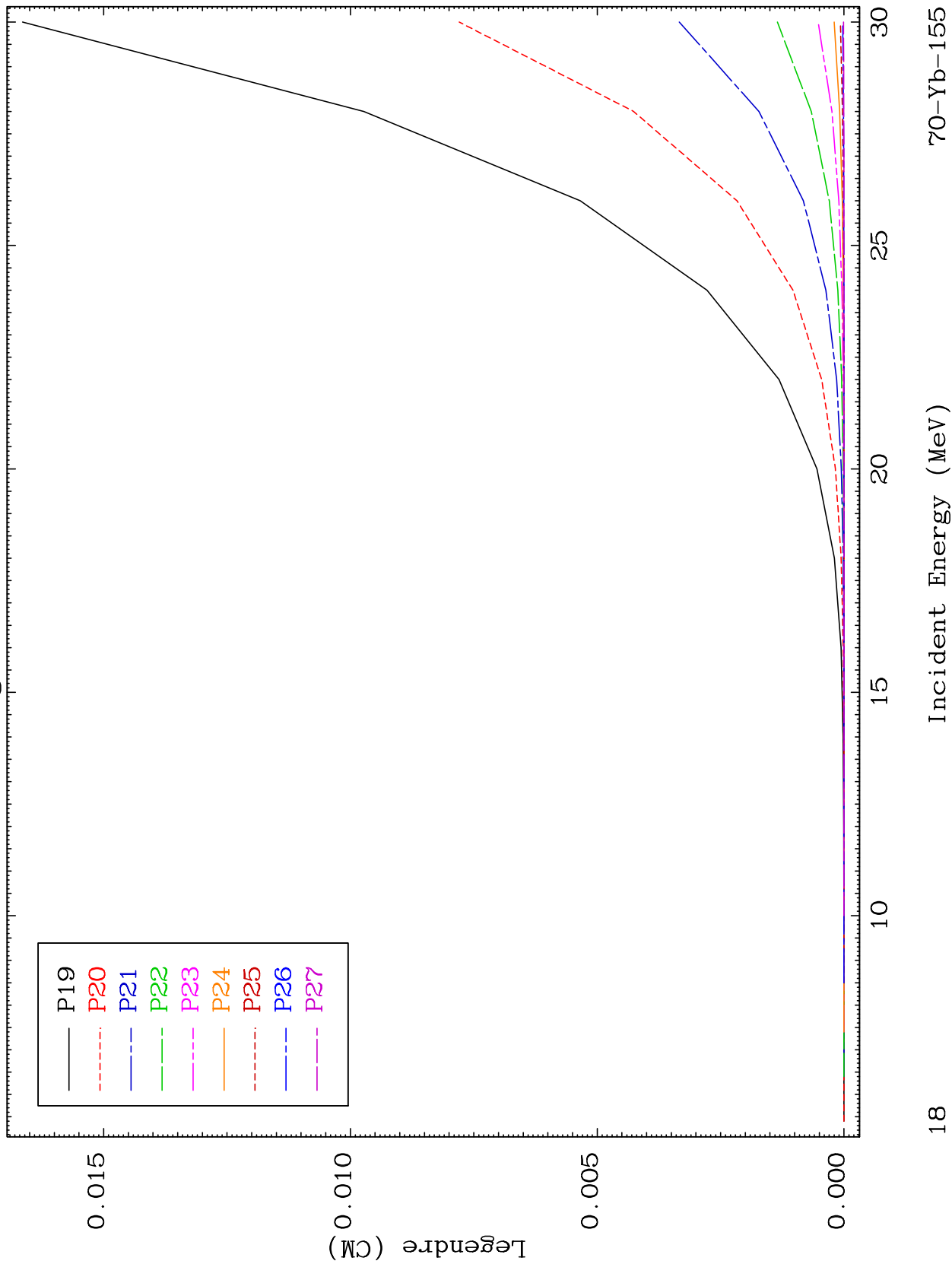
Incident Energy (MeV)

70-Yb-155

MAT 6986

Elastic Legendre Coefficients

70-Yb-155



18

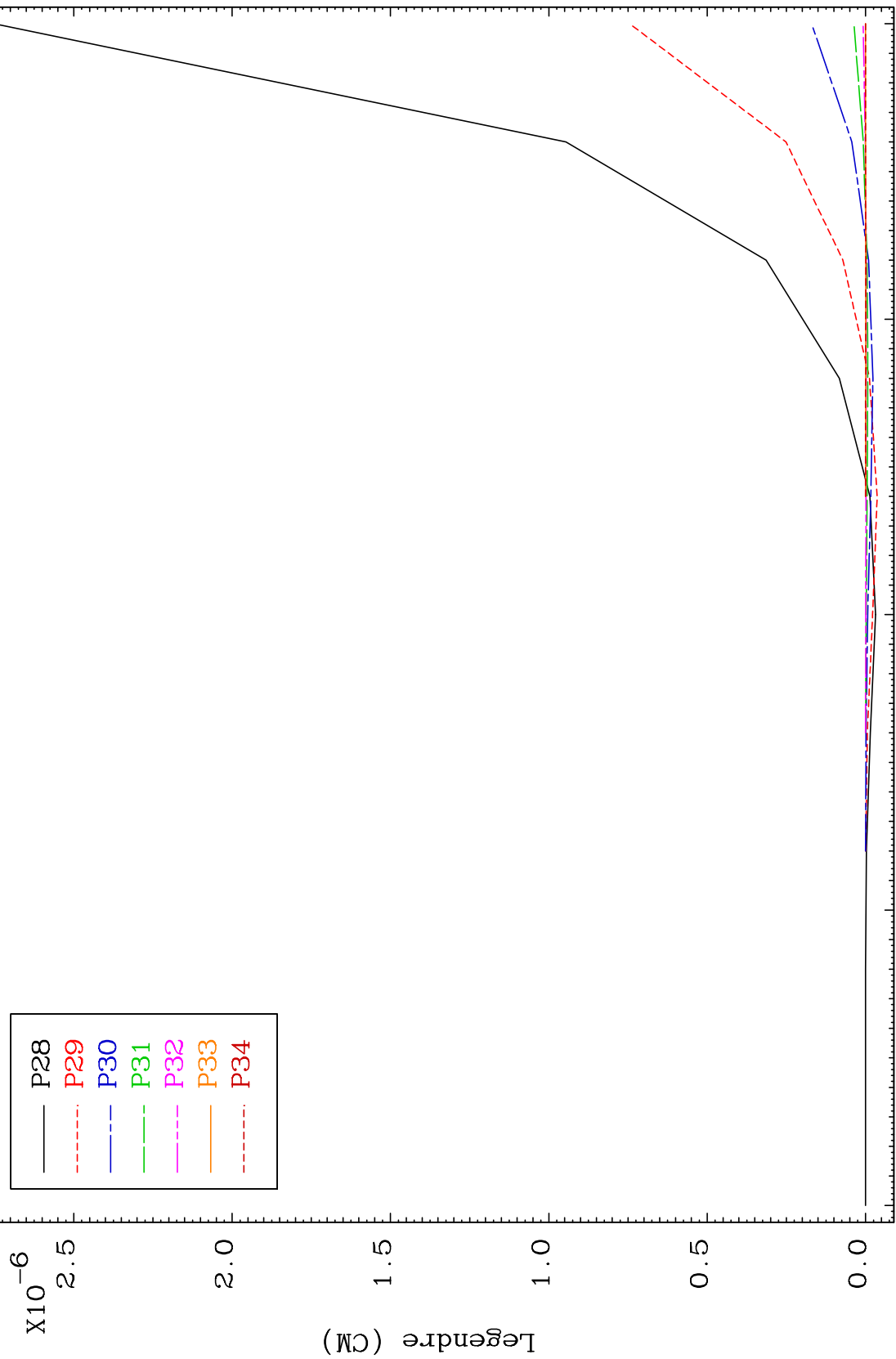
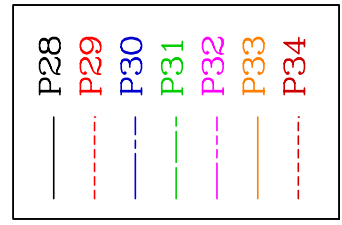
Incident Energy (MeV)

70-Yb-155

MAT 6986

Elastic Legendre Coefficients

70-Yb-155



19

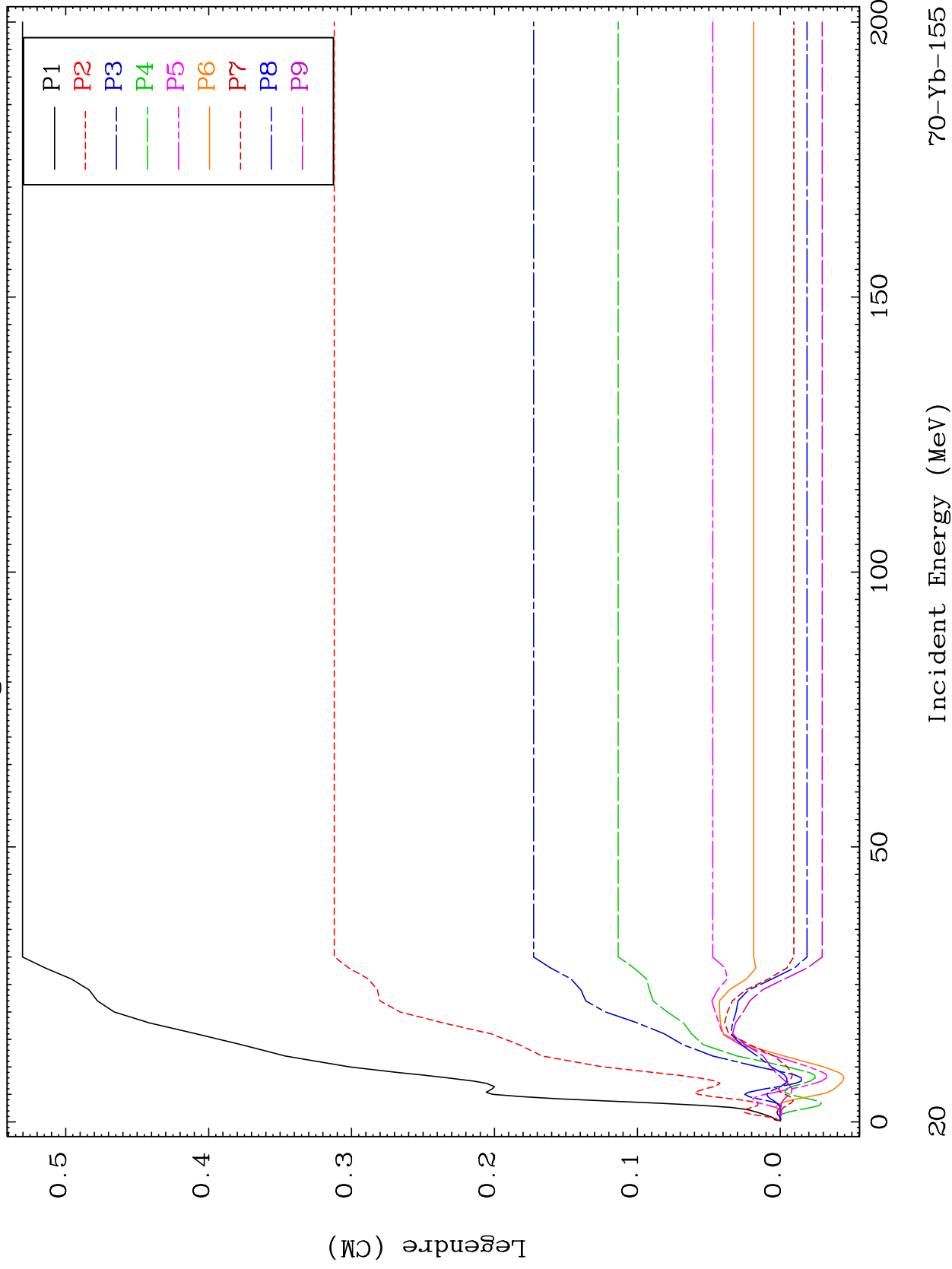
Incident Energy (MeV)

70-Yb-155

MAT 6986

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

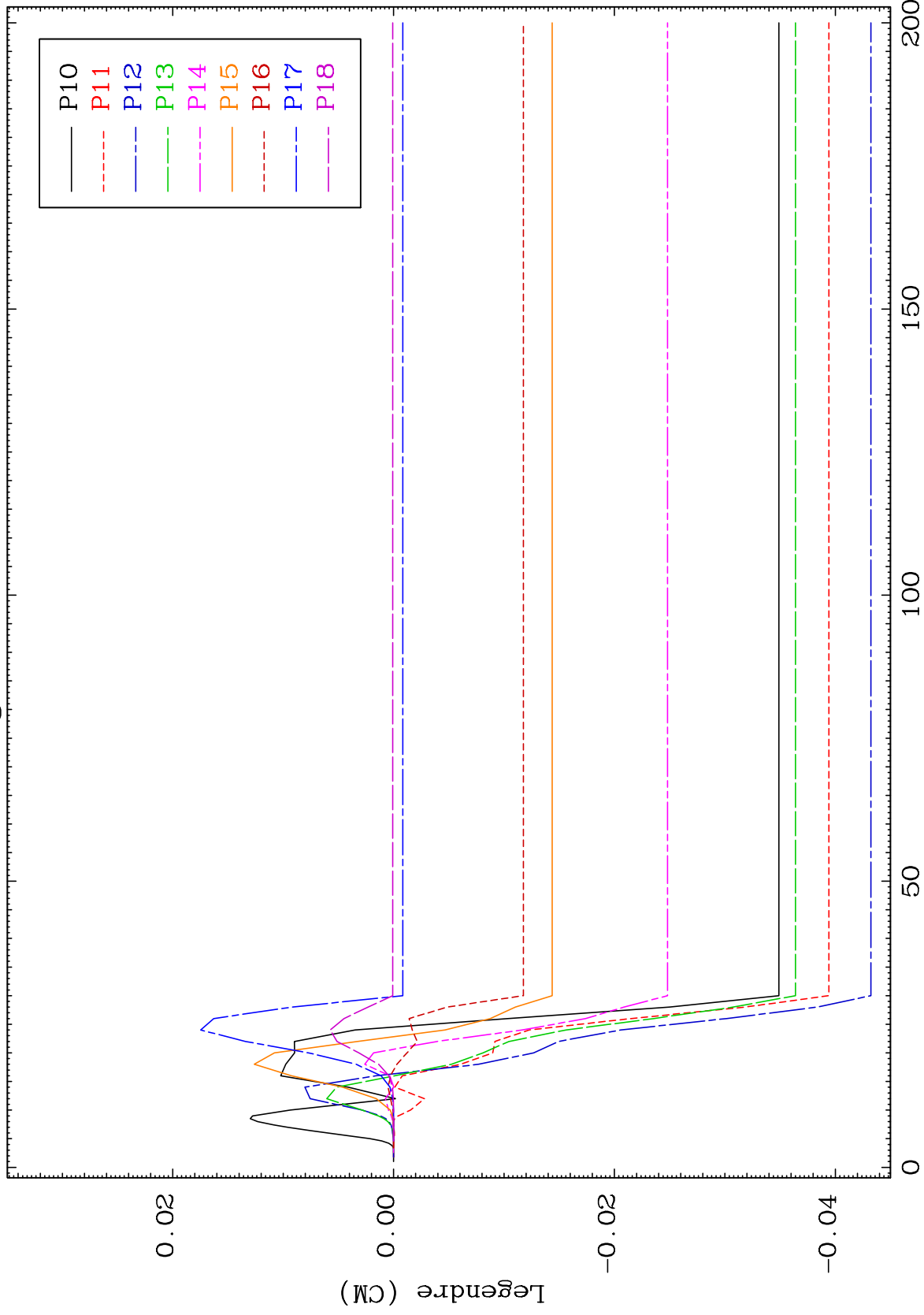
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MAT 6986

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

70-Yb-155



21

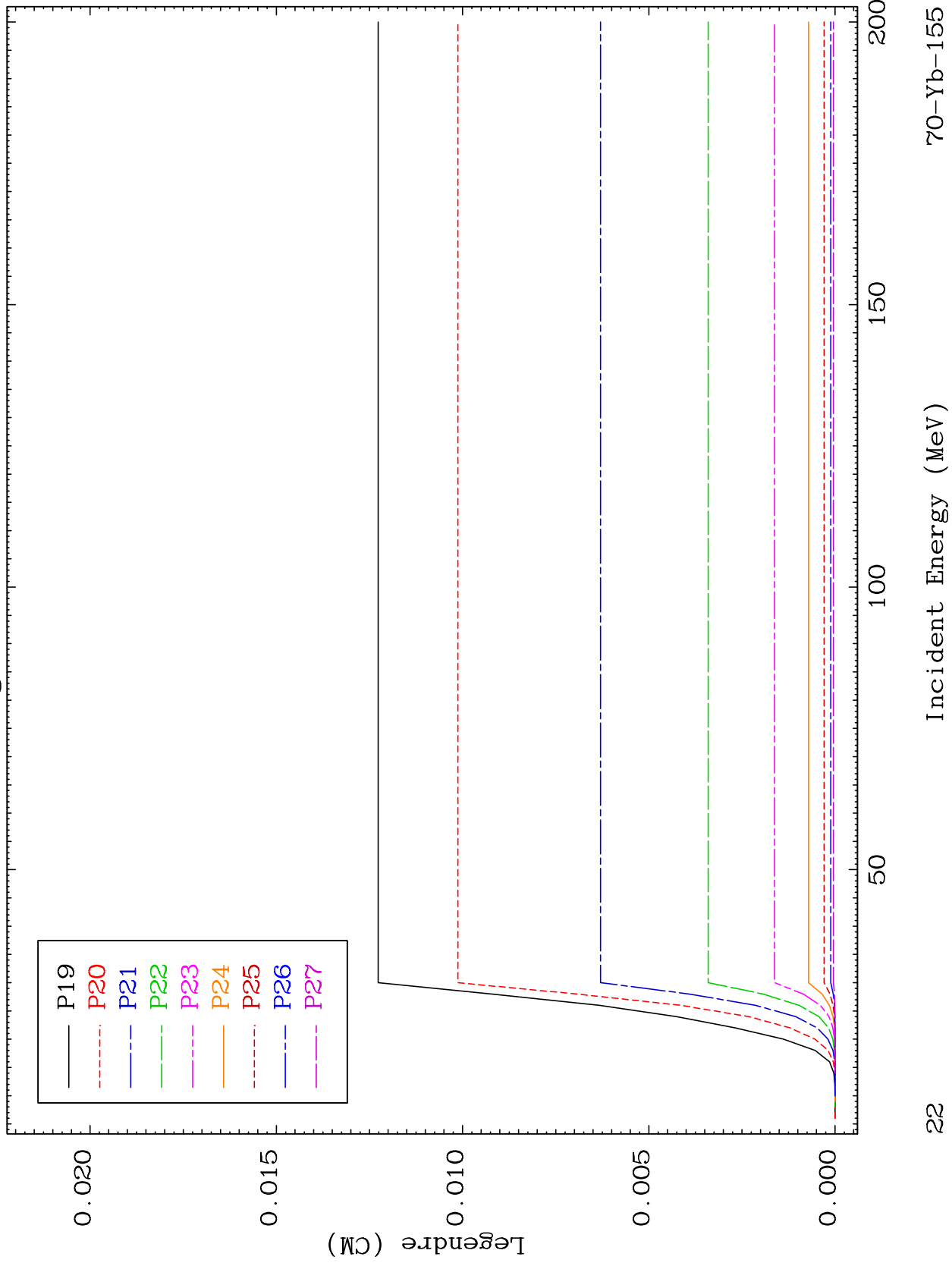
Incident Energy (MeV)

70-Yb-155

MAT 6986

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

70-Yb-155



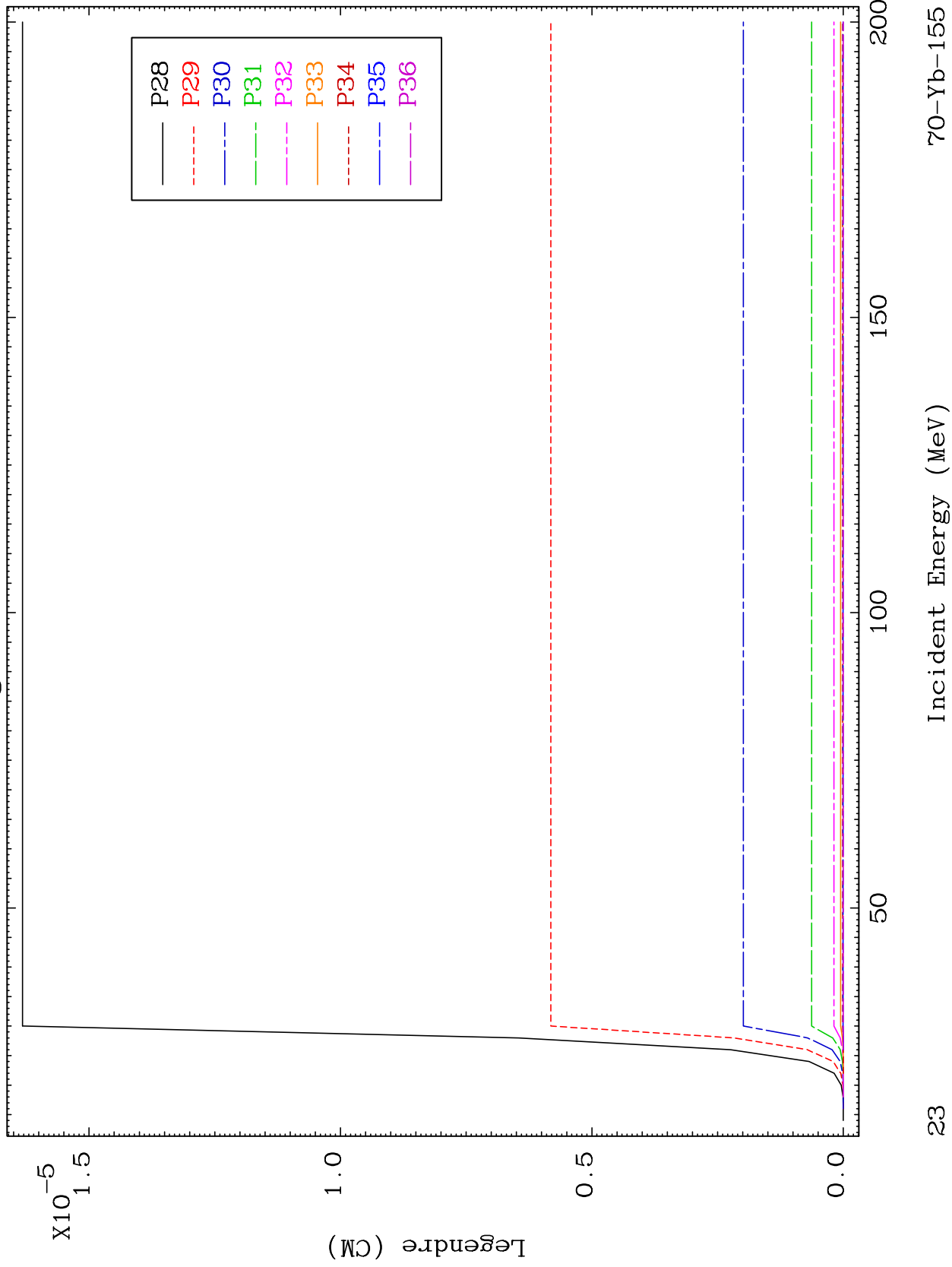
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70-Yb-155

MAT 6986

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

70-Yb-155



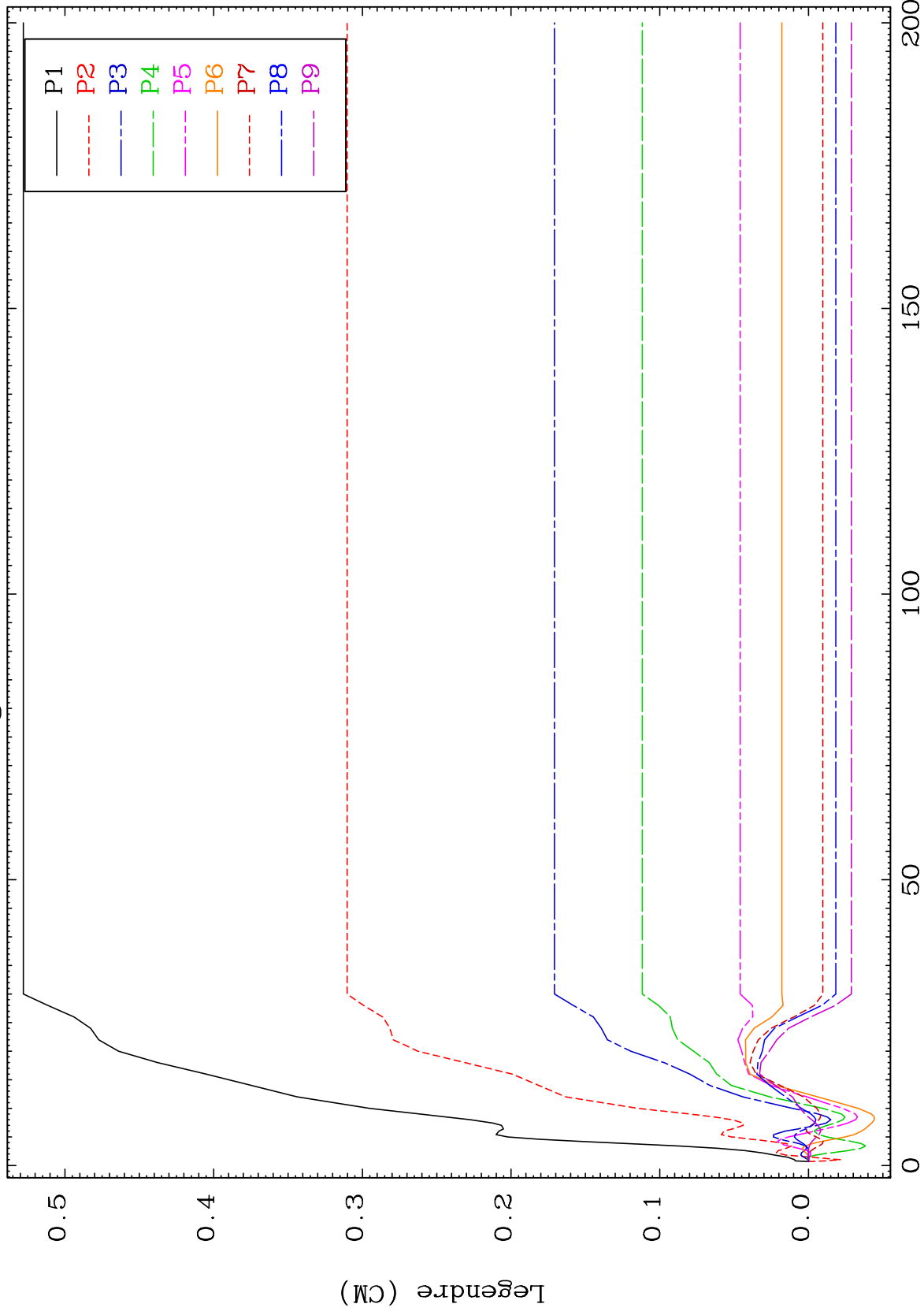
23

70-Yb-155

MAT 6986

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

70-Yb-155



24

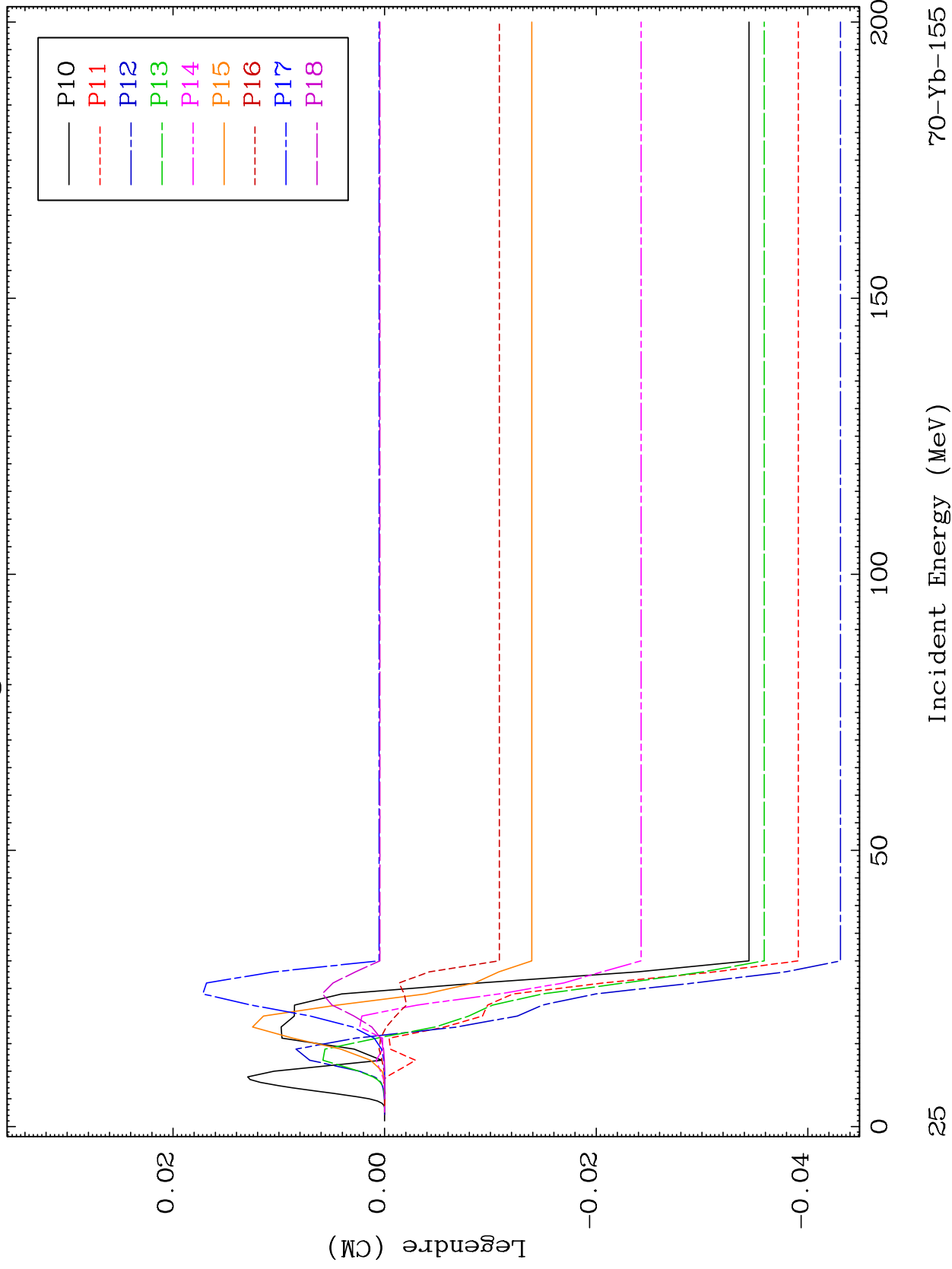
Incident Energy (MeV)

70-Yb-155

MAT 6986

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

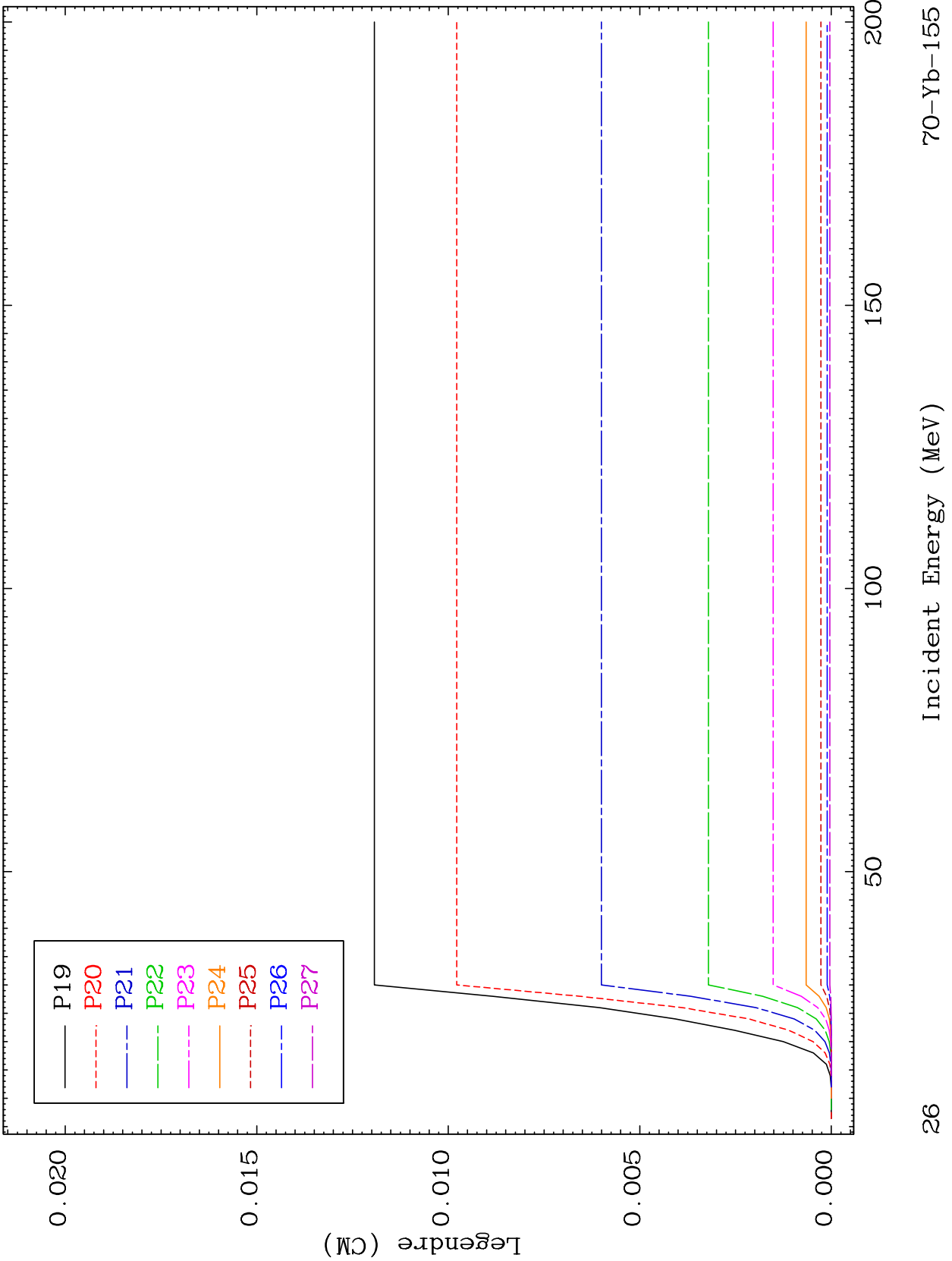
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MAT 6986

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

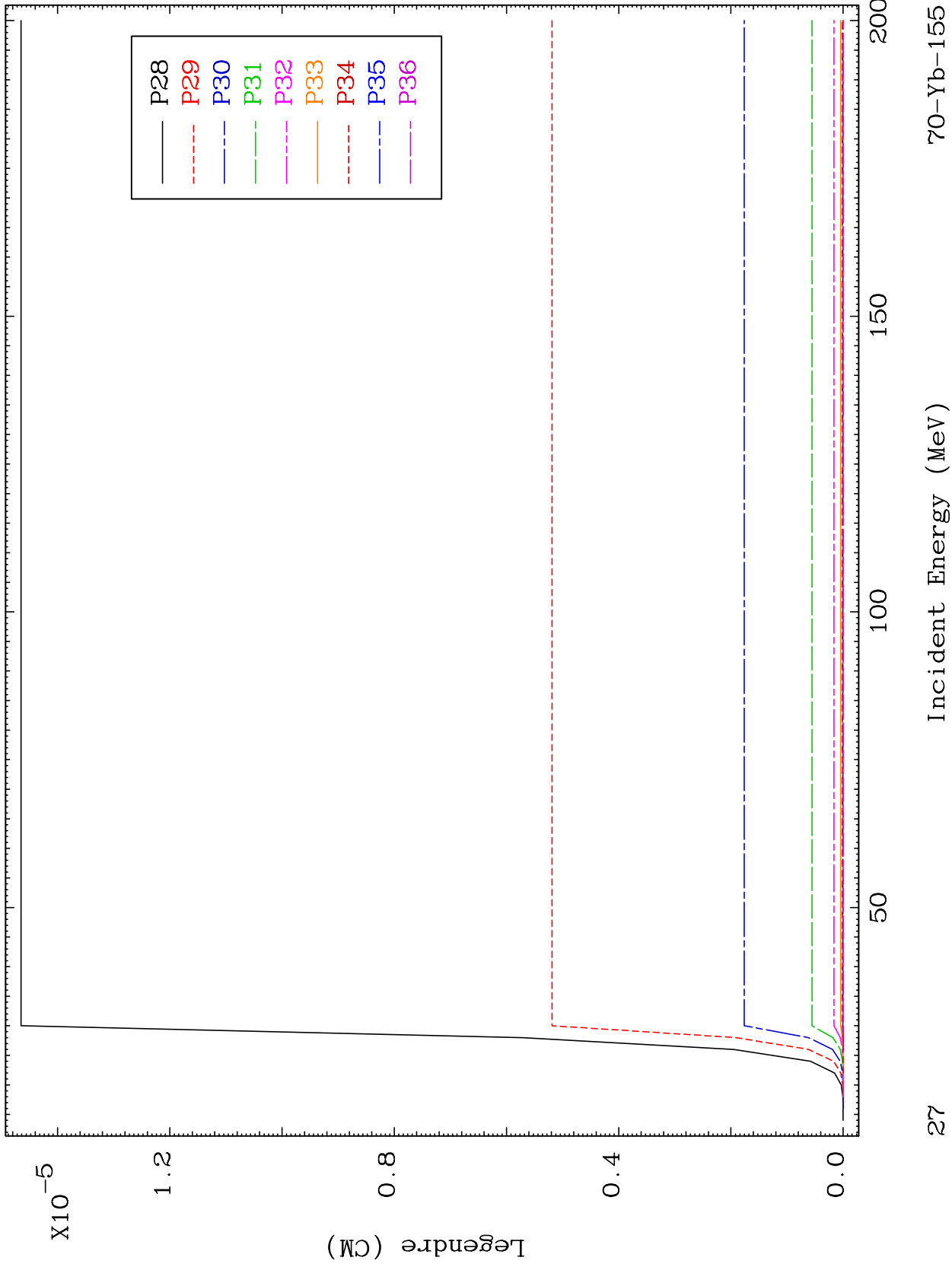
70-Yb-155



MAT 6986

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

70-Yb-155



27

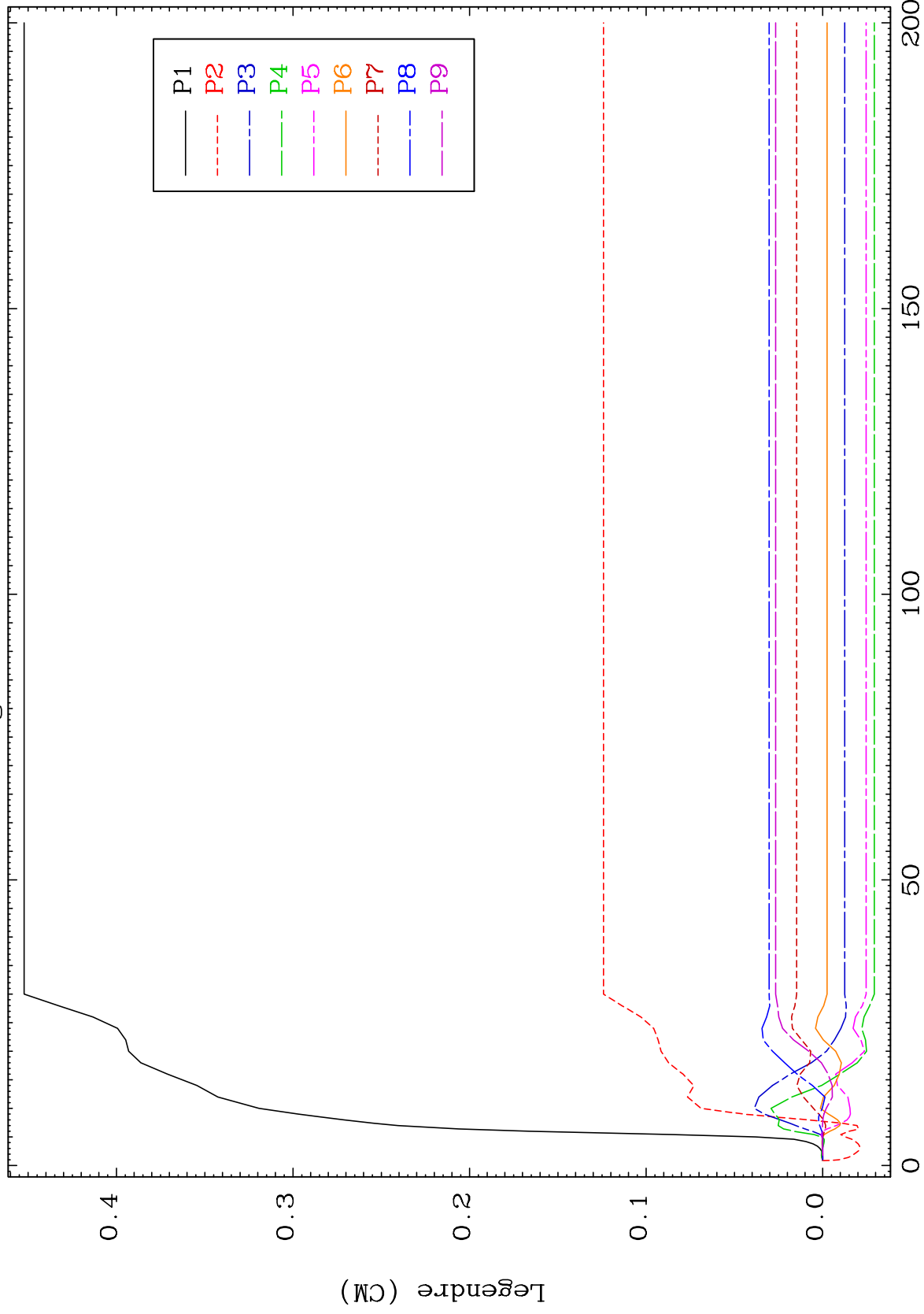
Incident Energy (MeV)

70-Yb-155

MAT 6986

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

70-Yb-155



28

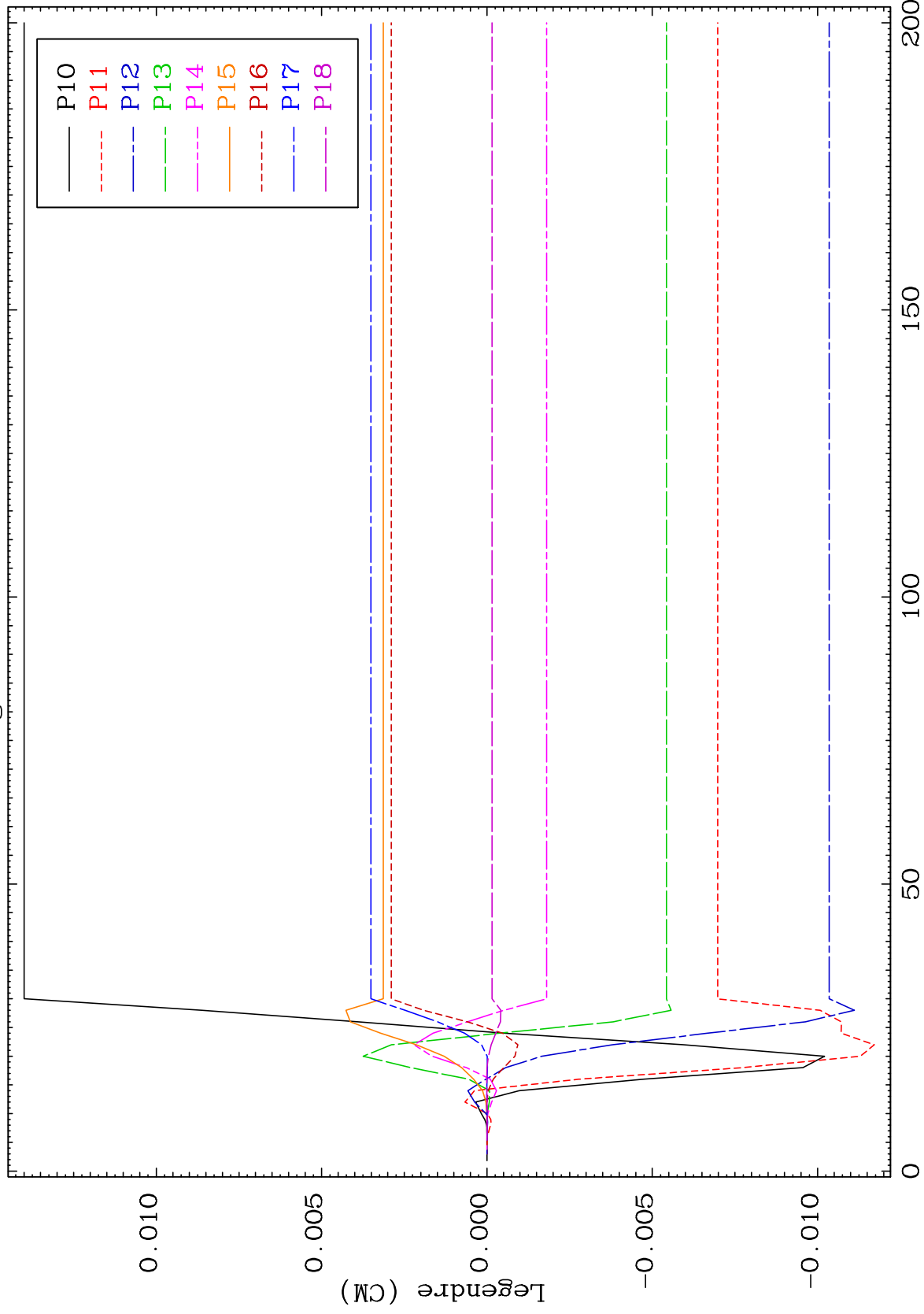
Incident Energy (MeV)

70-Yb-155

MAT 6986

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

70-Yb-155



29

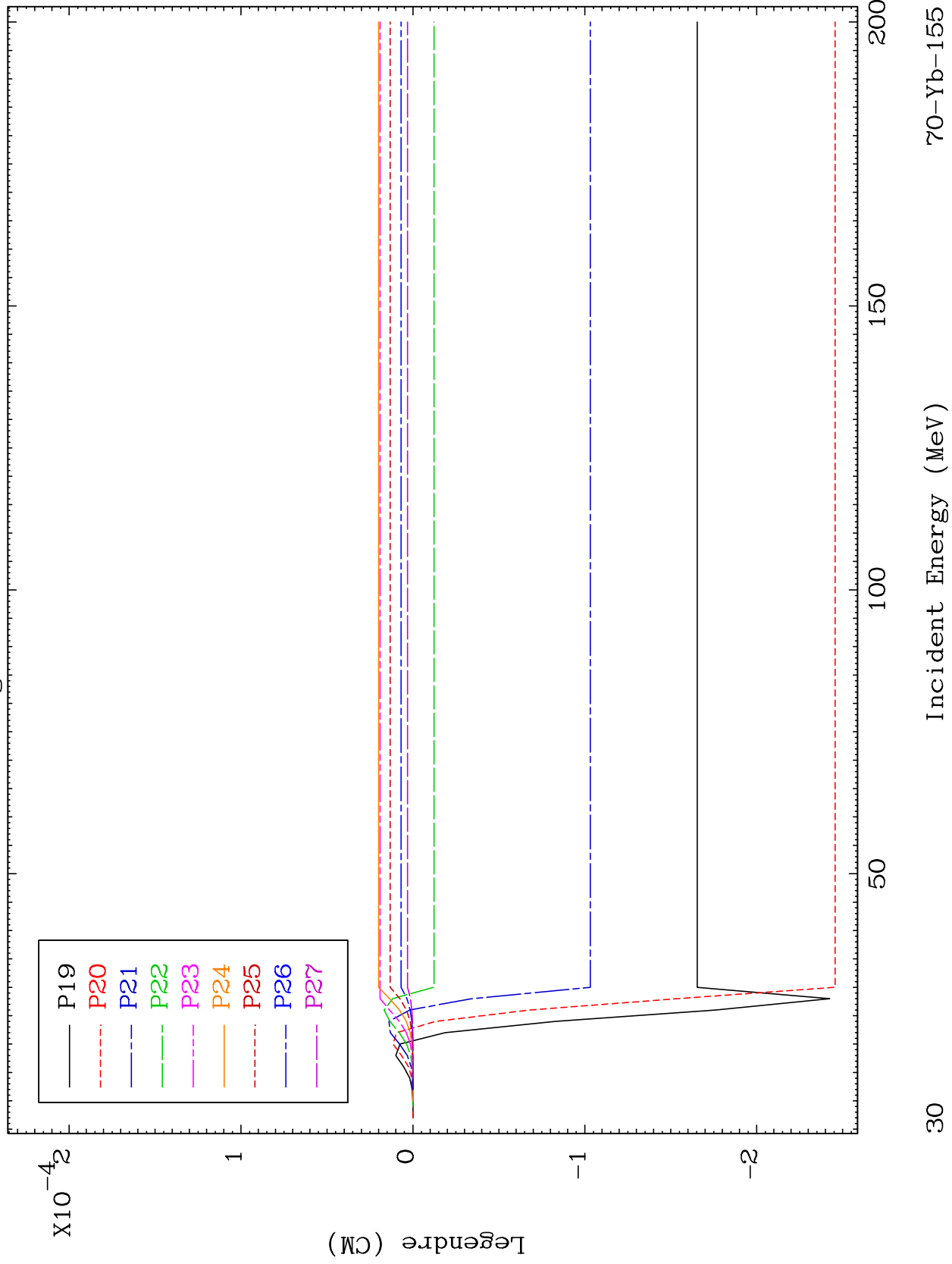
Incident Energy (MeV)

70-Yb-155

MAT 6986

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

70-Yb-155



30

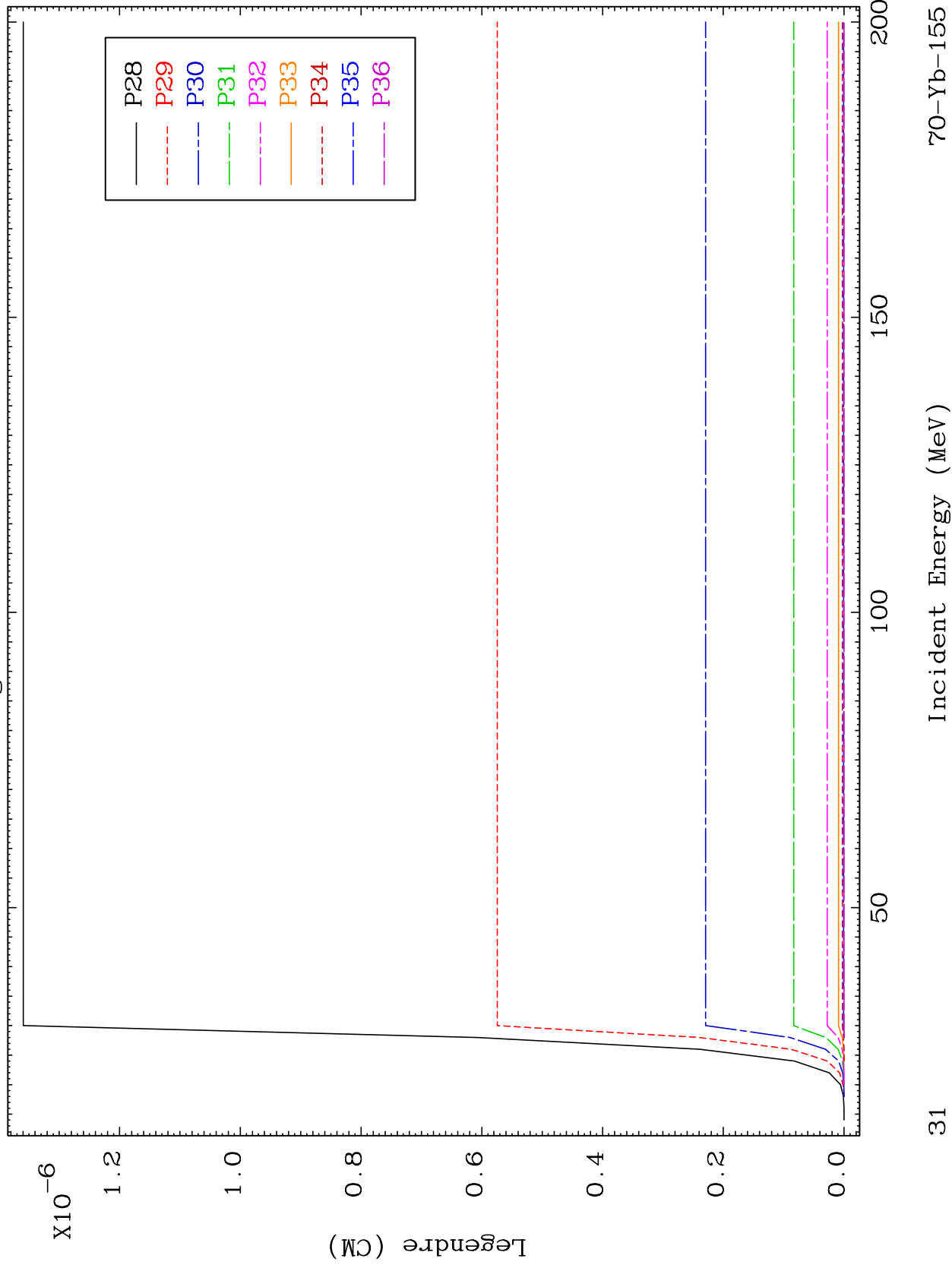
Incident Energy (MeV)

70-Yb-155

MAT 6986

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

70-Yb-155

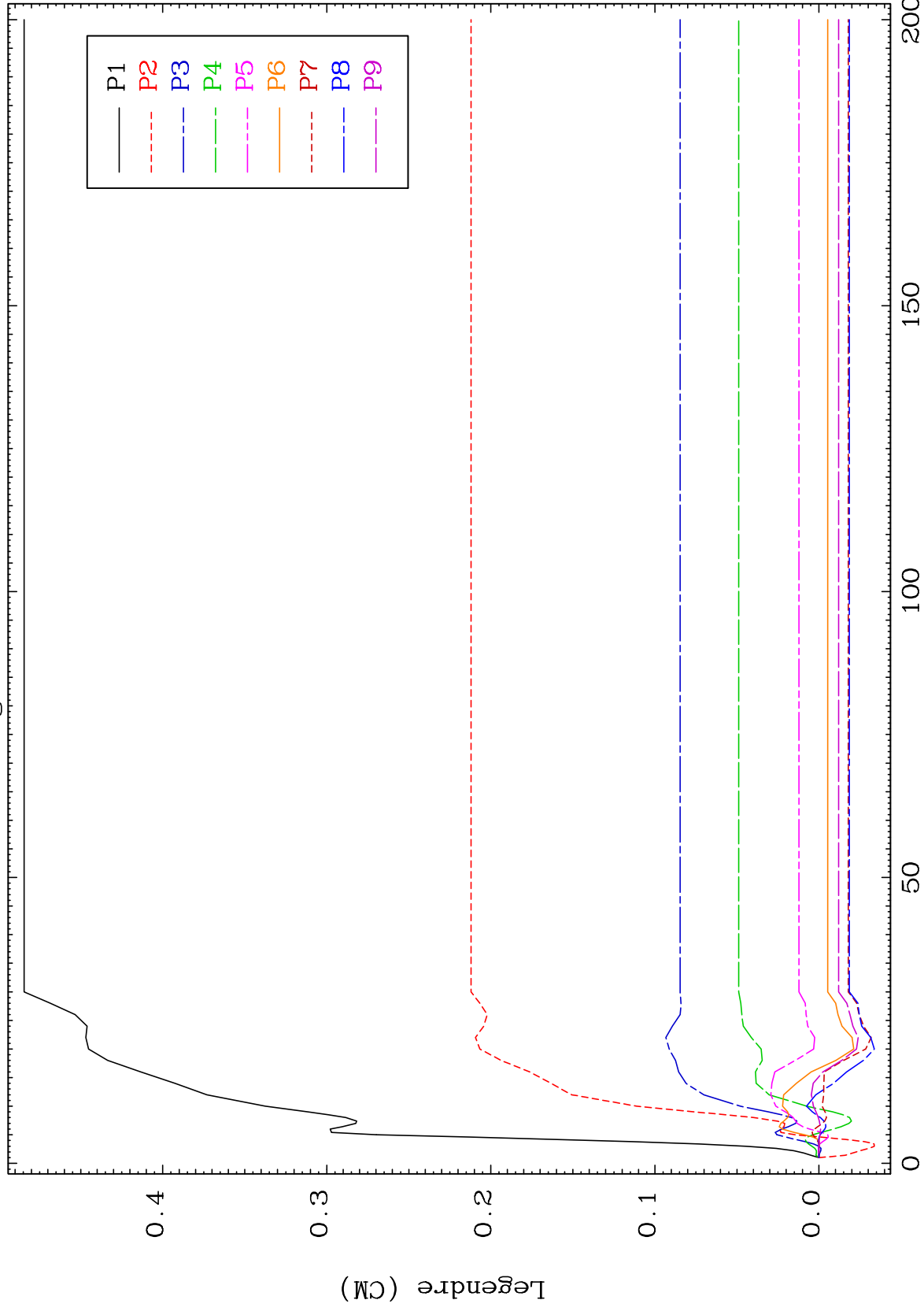


31

MAT 6986

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

70-Yb-155



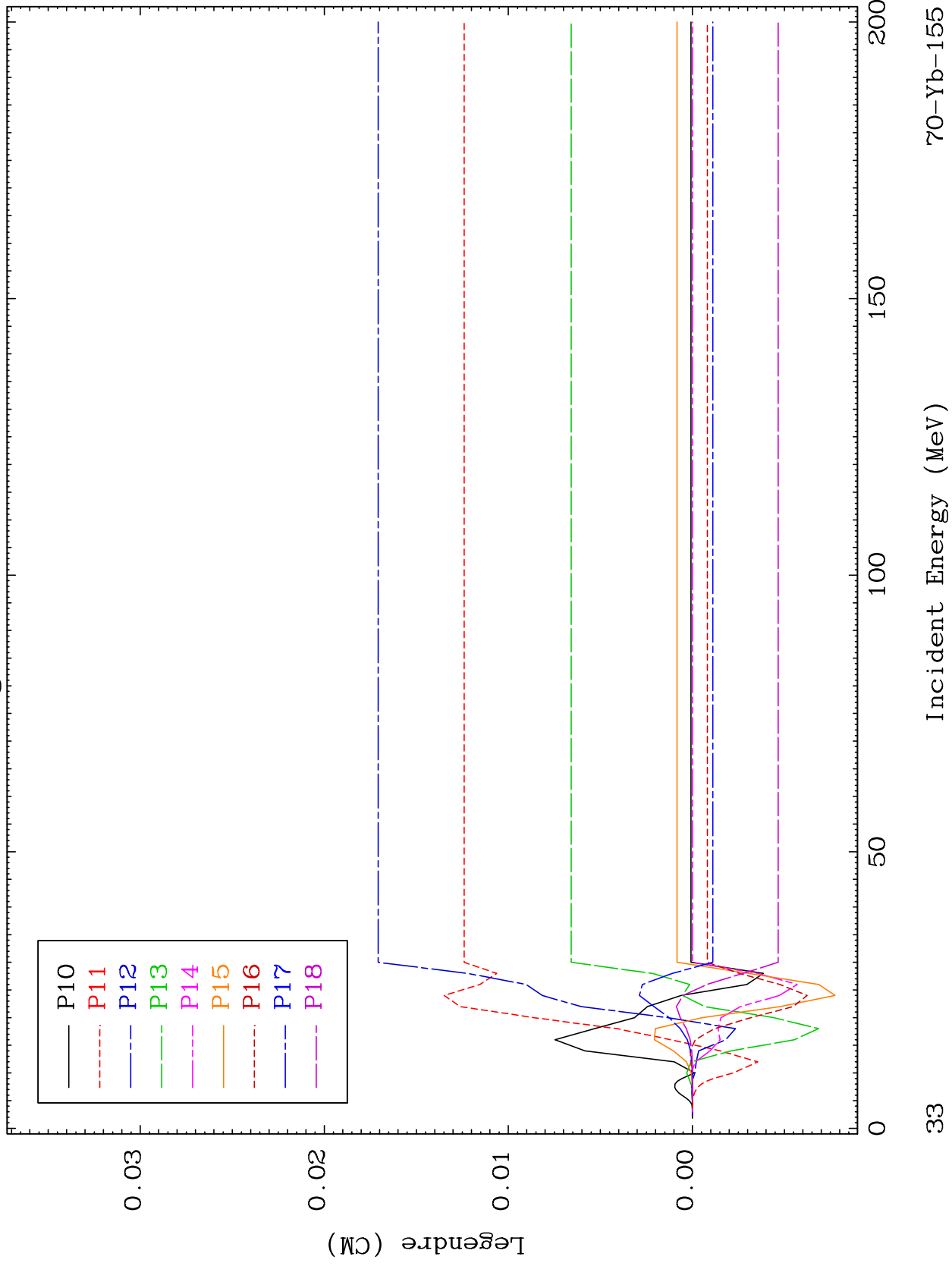
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70-Yb-155

MAT 6986

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

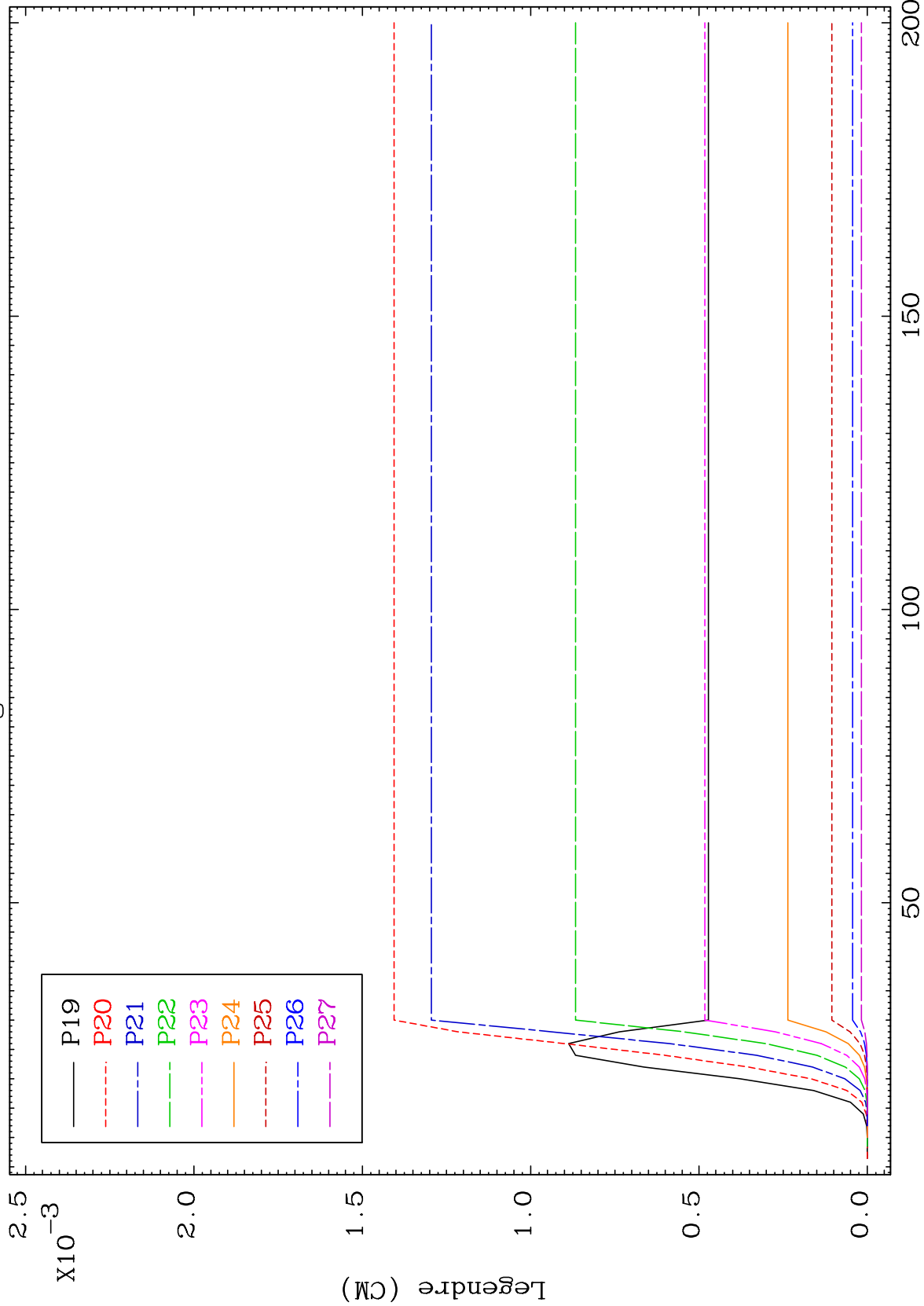
70-Yb-155



33

Incident Energy (MeV)

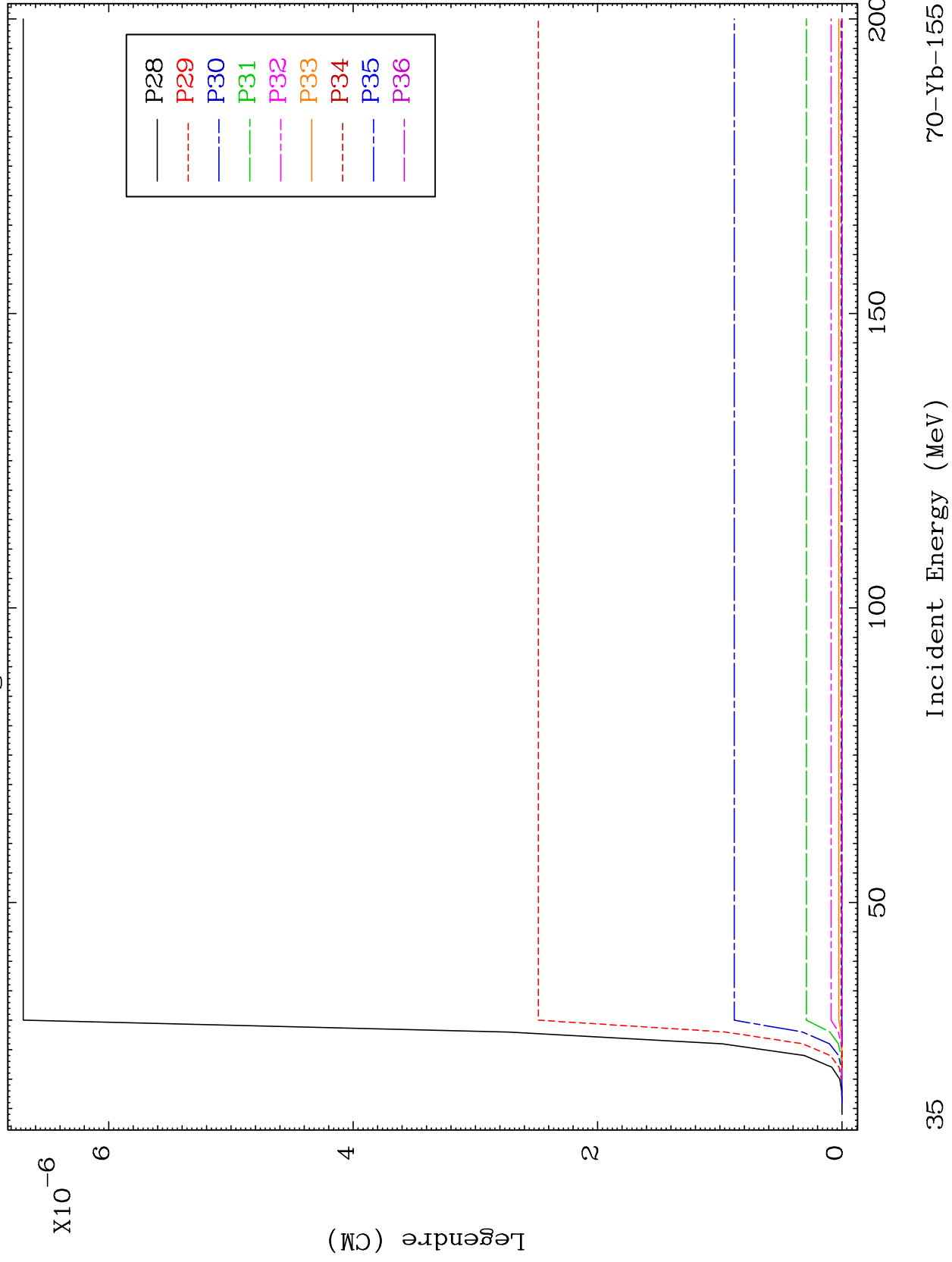
70-Yb-155



MAT 6986

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

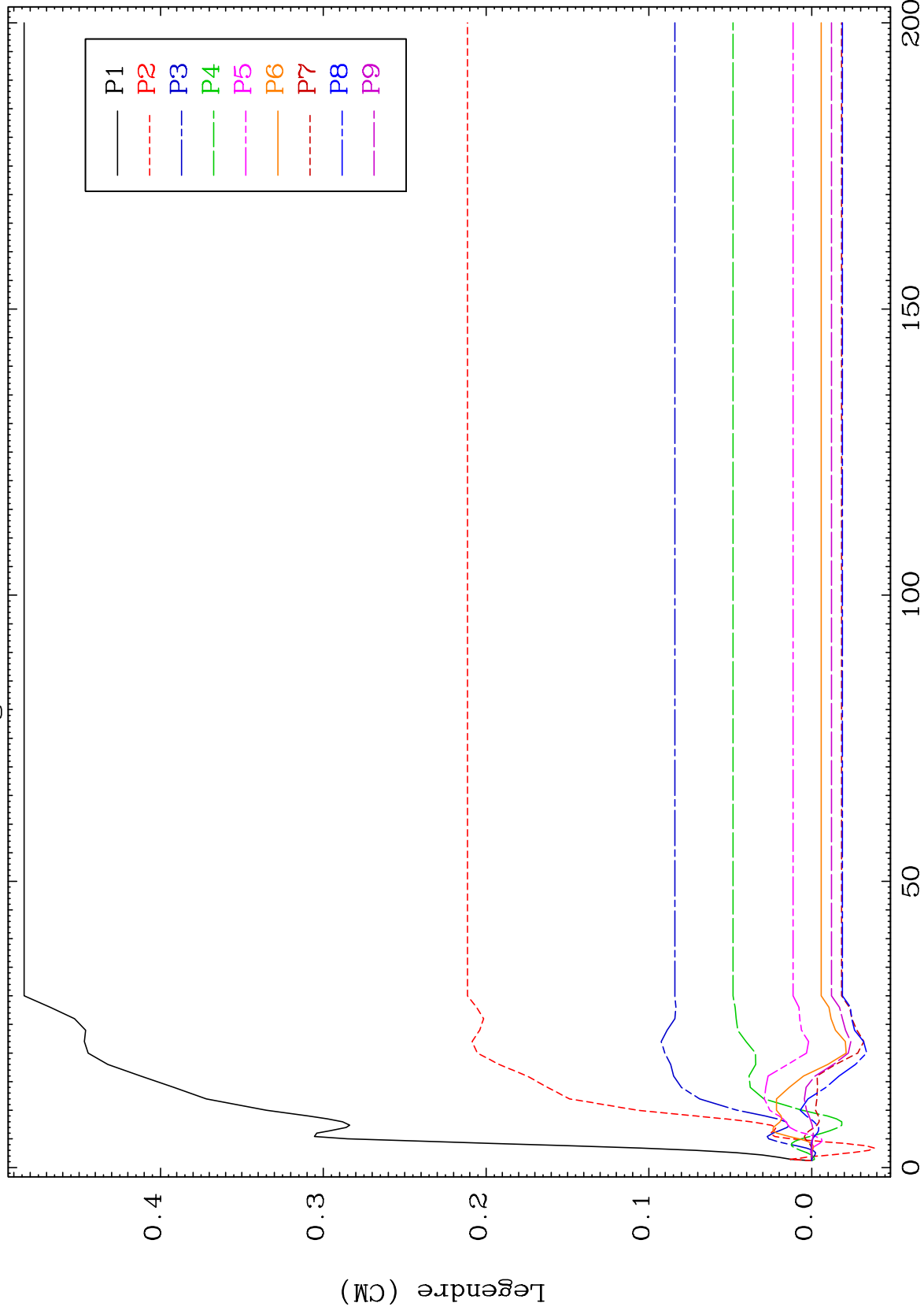
70-Yb-155



MAT 6986

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

70-Yb-155



36

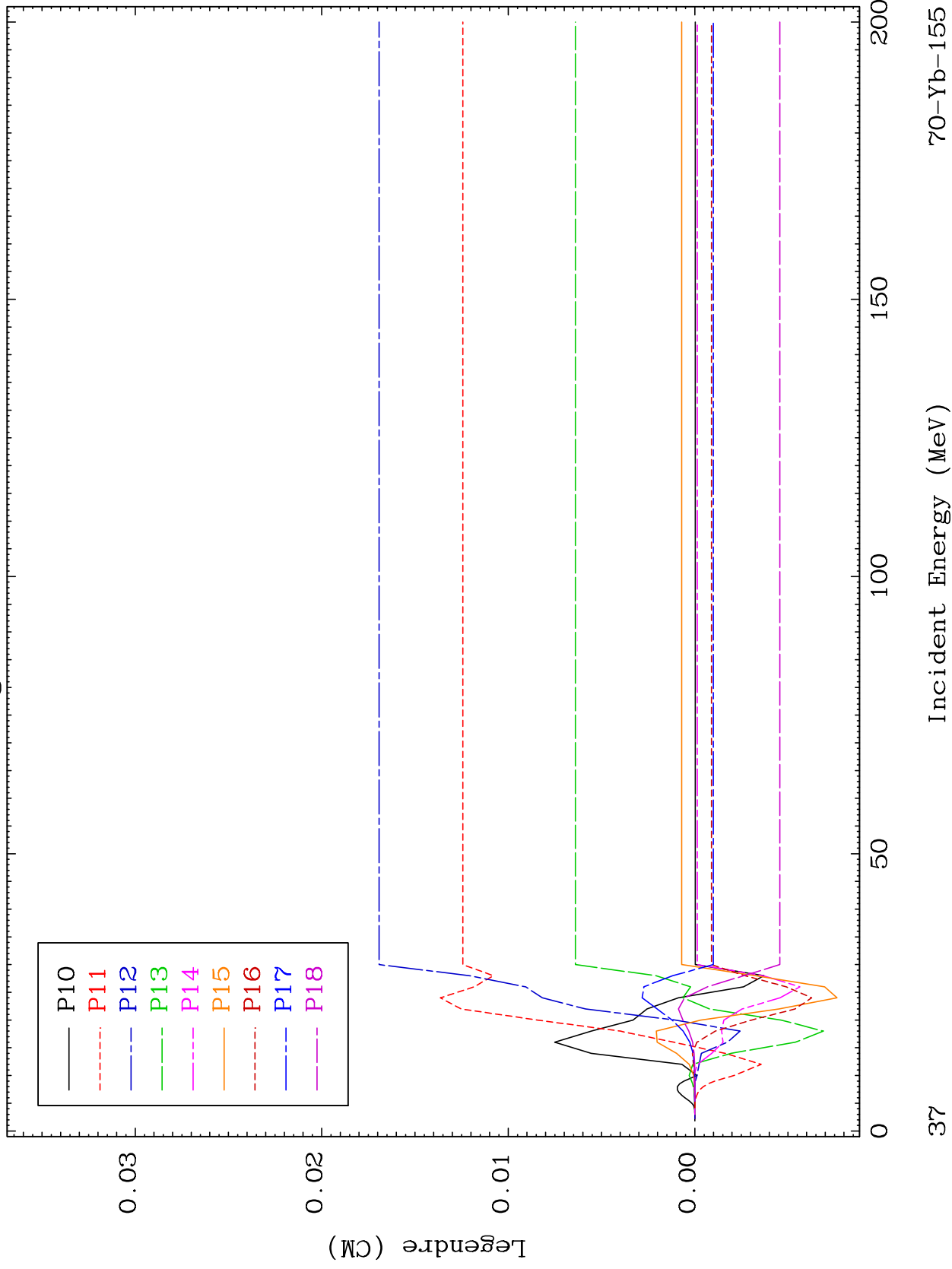
Incident Energy (MeV)

70-Yb-155

MAT 6986

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

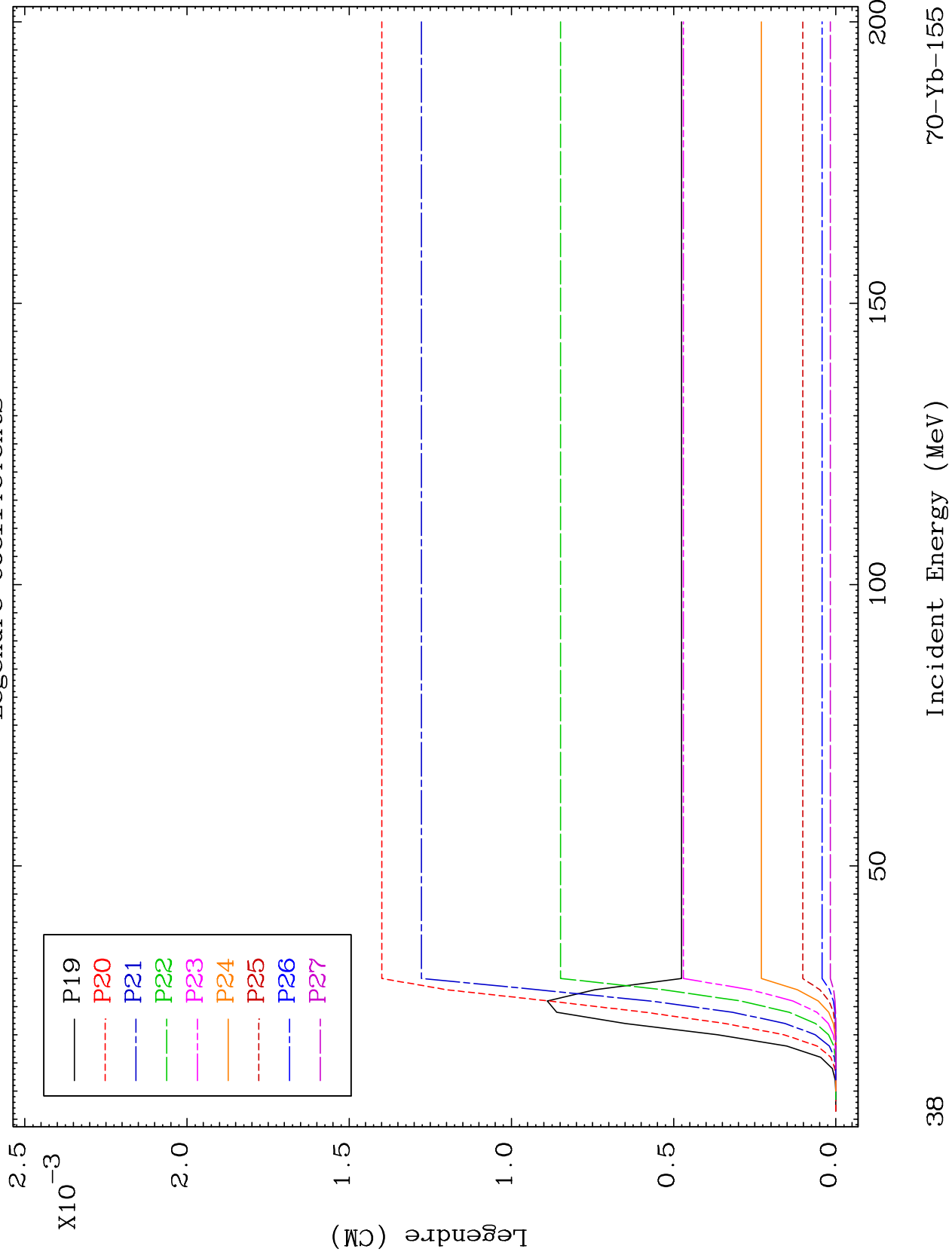
70-Yb-155



MAT 6986

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

70-Yb-155



38

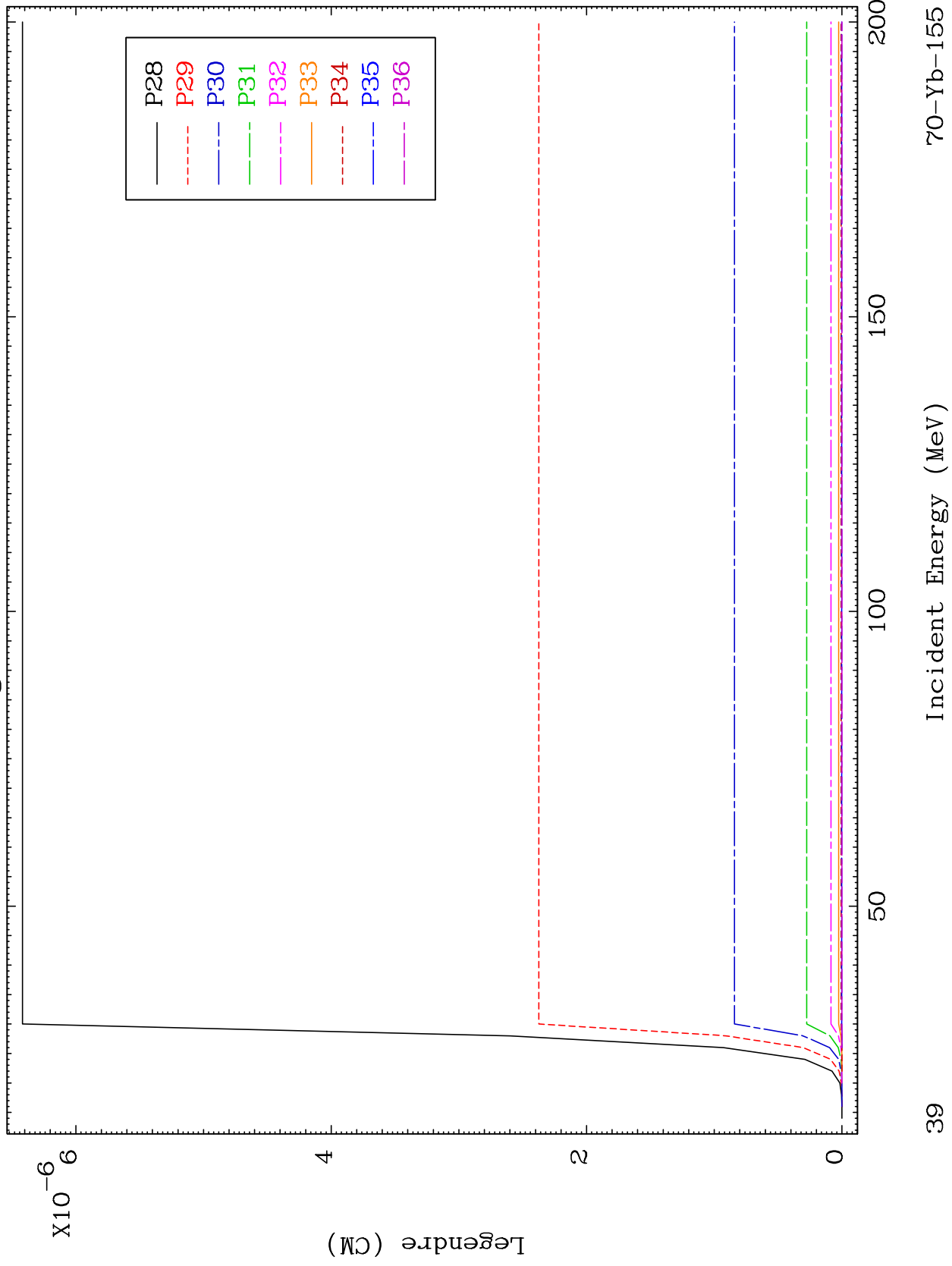
Incident Energy (MeV)

70-Yb-155

MAT 6986

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

70-Yb-155



39

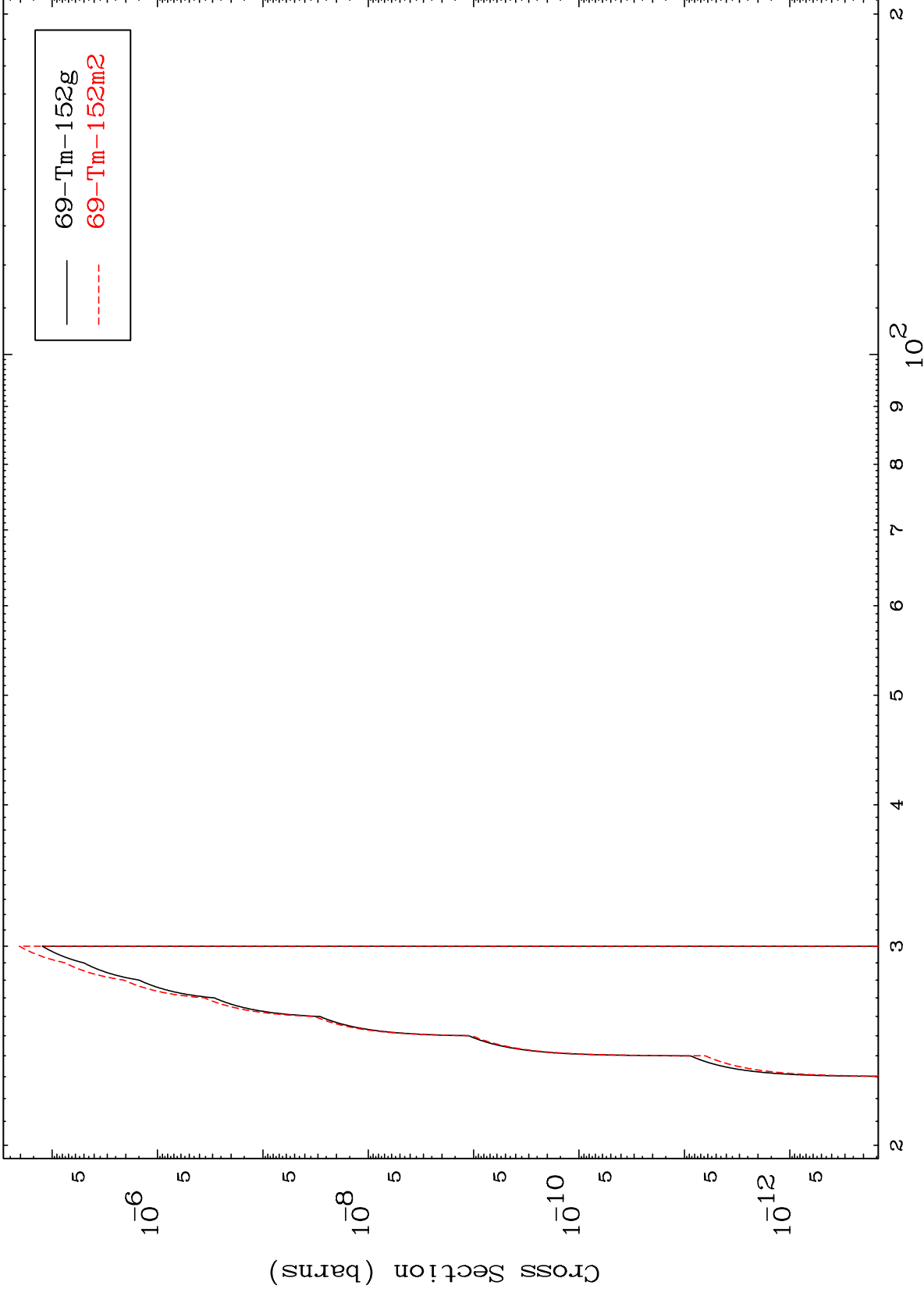
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MAT 6986

(n,2n) d

70-Yb-155

Radionuclide Production Cross Section



40

Incident Energy (MeV)

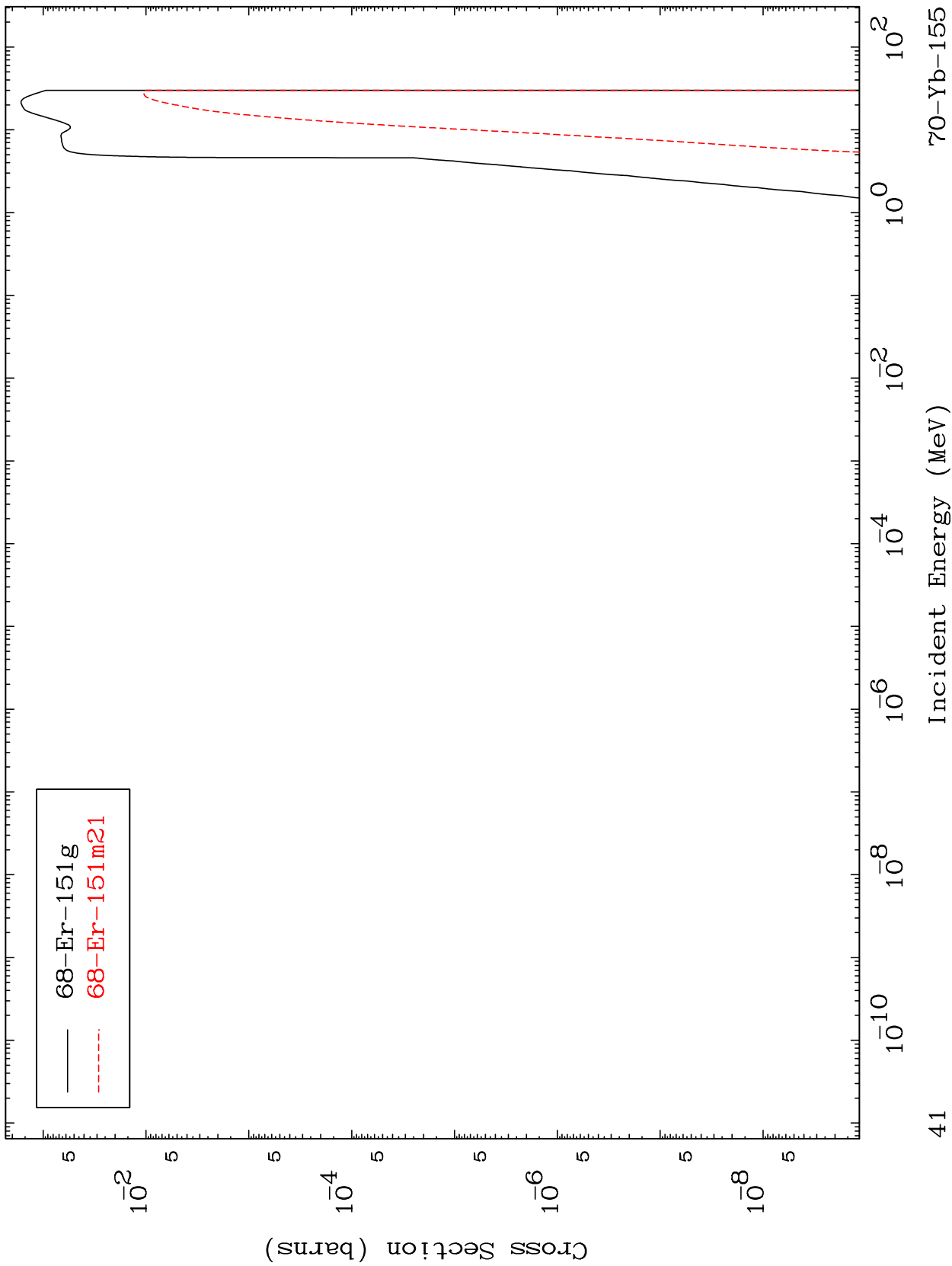
70-Yb-155

MAT 6986

$(n, n') \alpha$

70-Yb-155

Radionuclide Production Cross Section

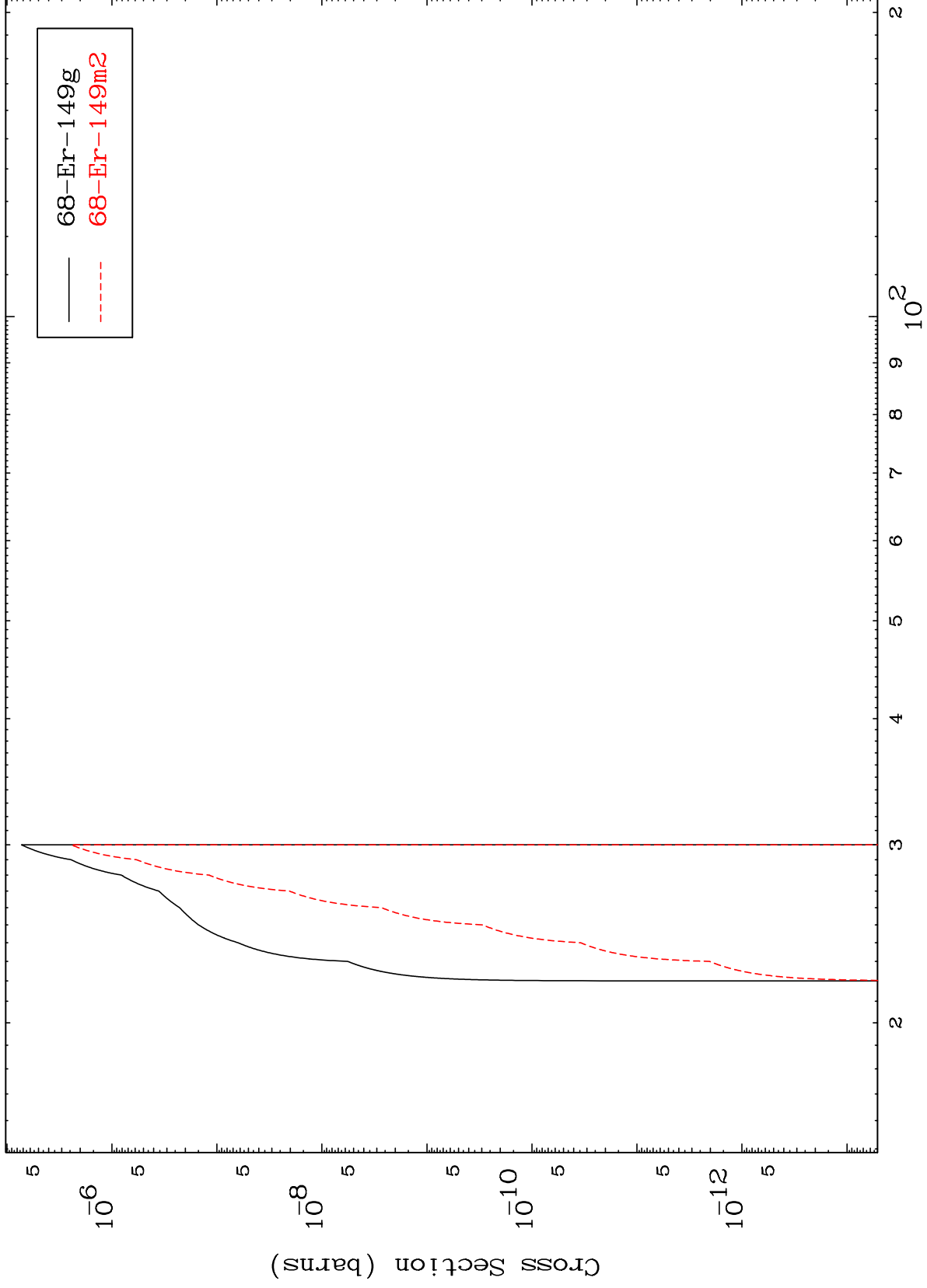


MAT 6986

(n,3n) α

70-Yb-155

Radionuclide Production Cross Section



42

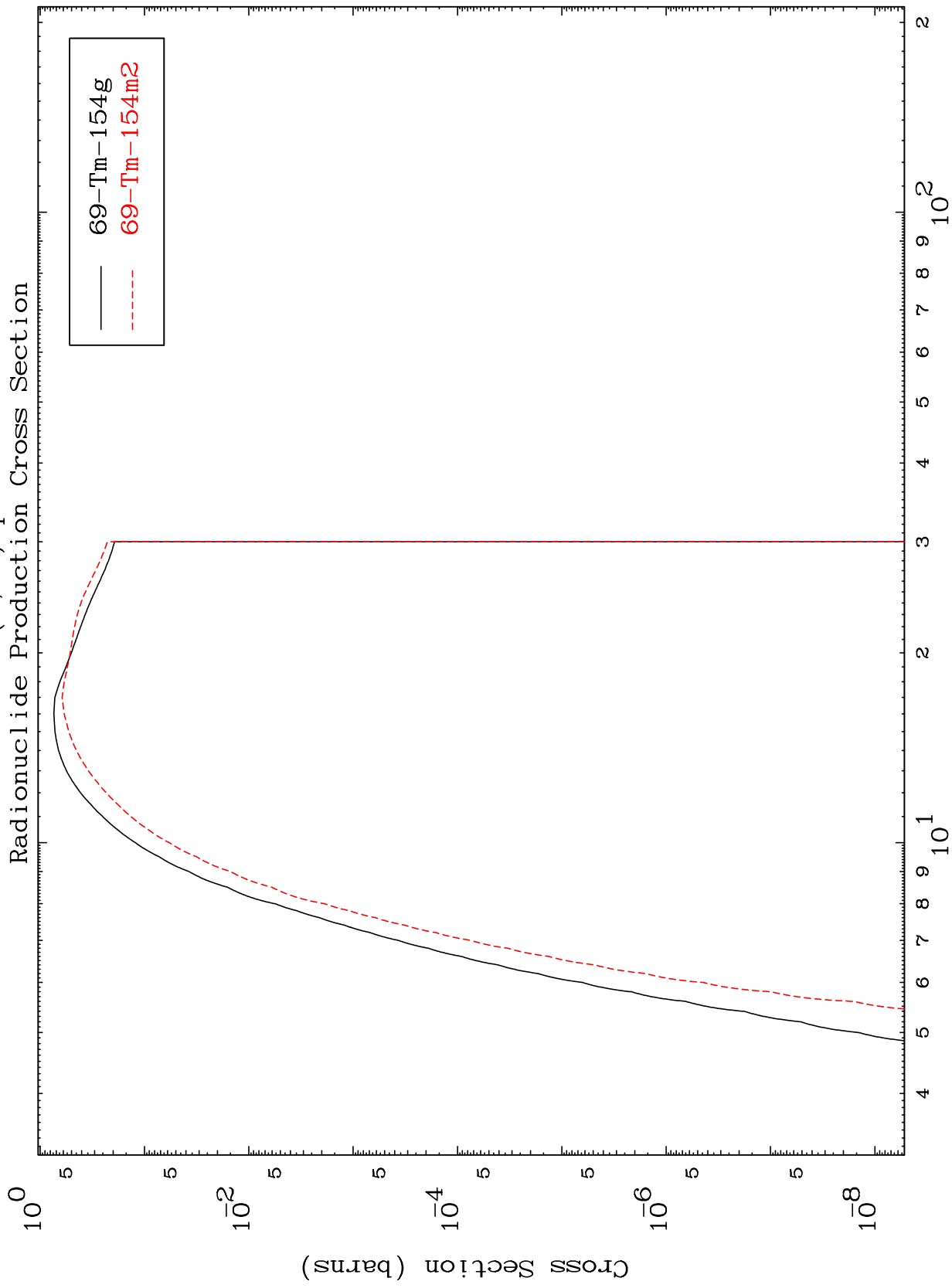
Incident Energy (MeV)

70-Yb-155

MAT 6986

(n,n') p

70-Yb-155



43

Incident Energy (MeV)

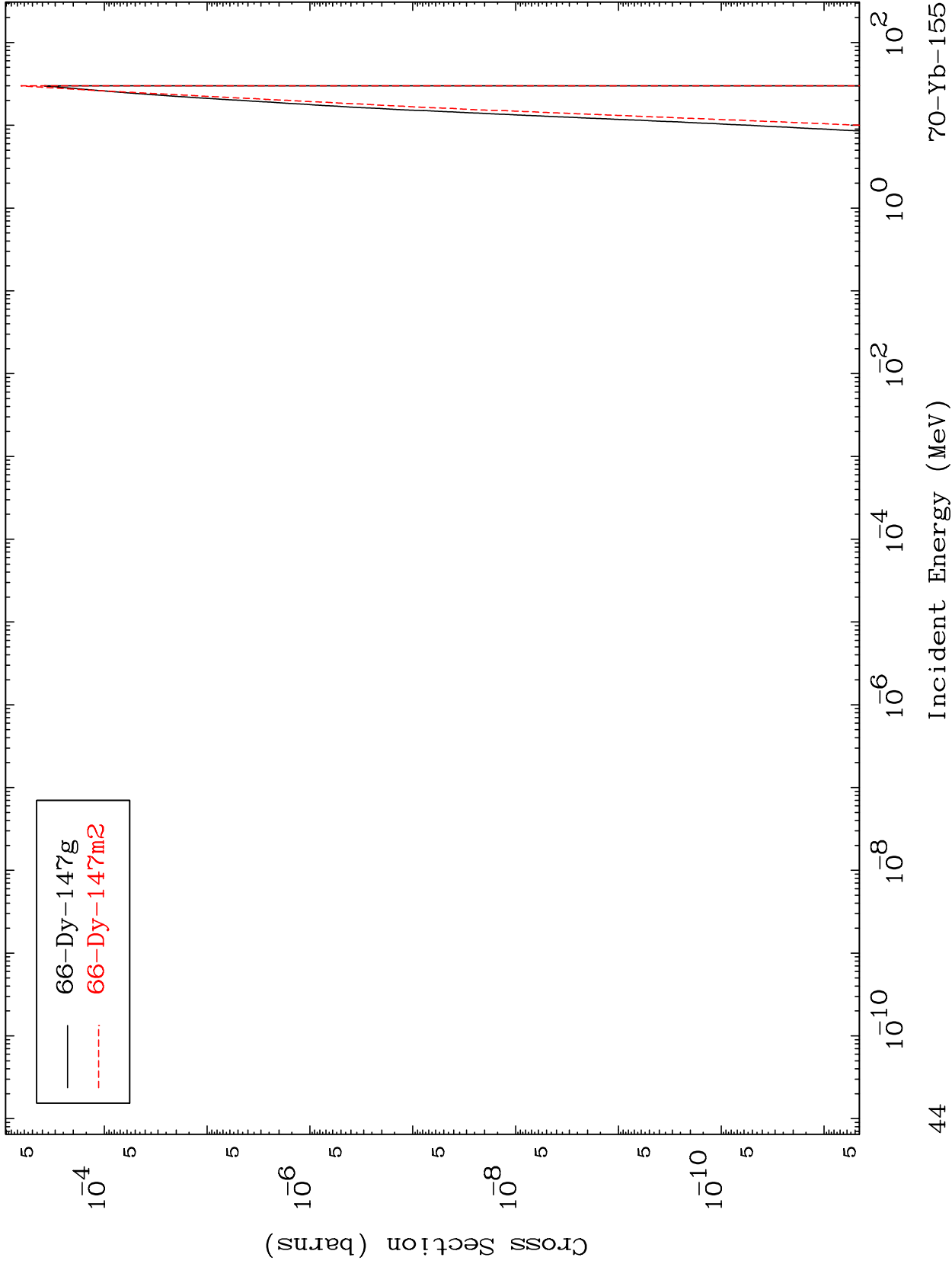
70-Yb-155

MAT 6986

(n,n') 2α

70-Yb-155

Radionuclide Production Cross Section

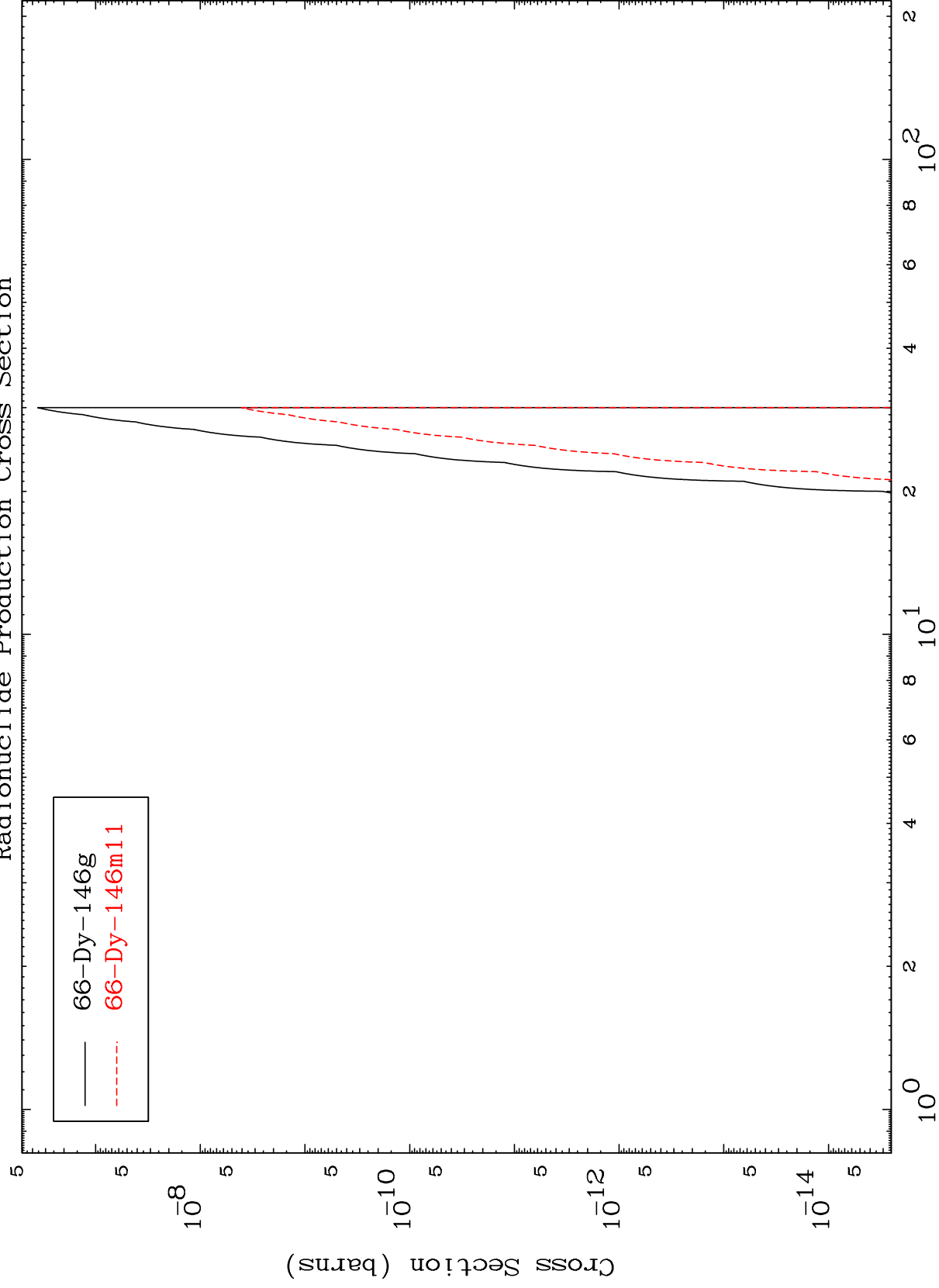


MAT 6986

(n,2n) 2 α

70-Yb-155

Radionuclide Production Cross Section



45

Incident Energy (MeV)

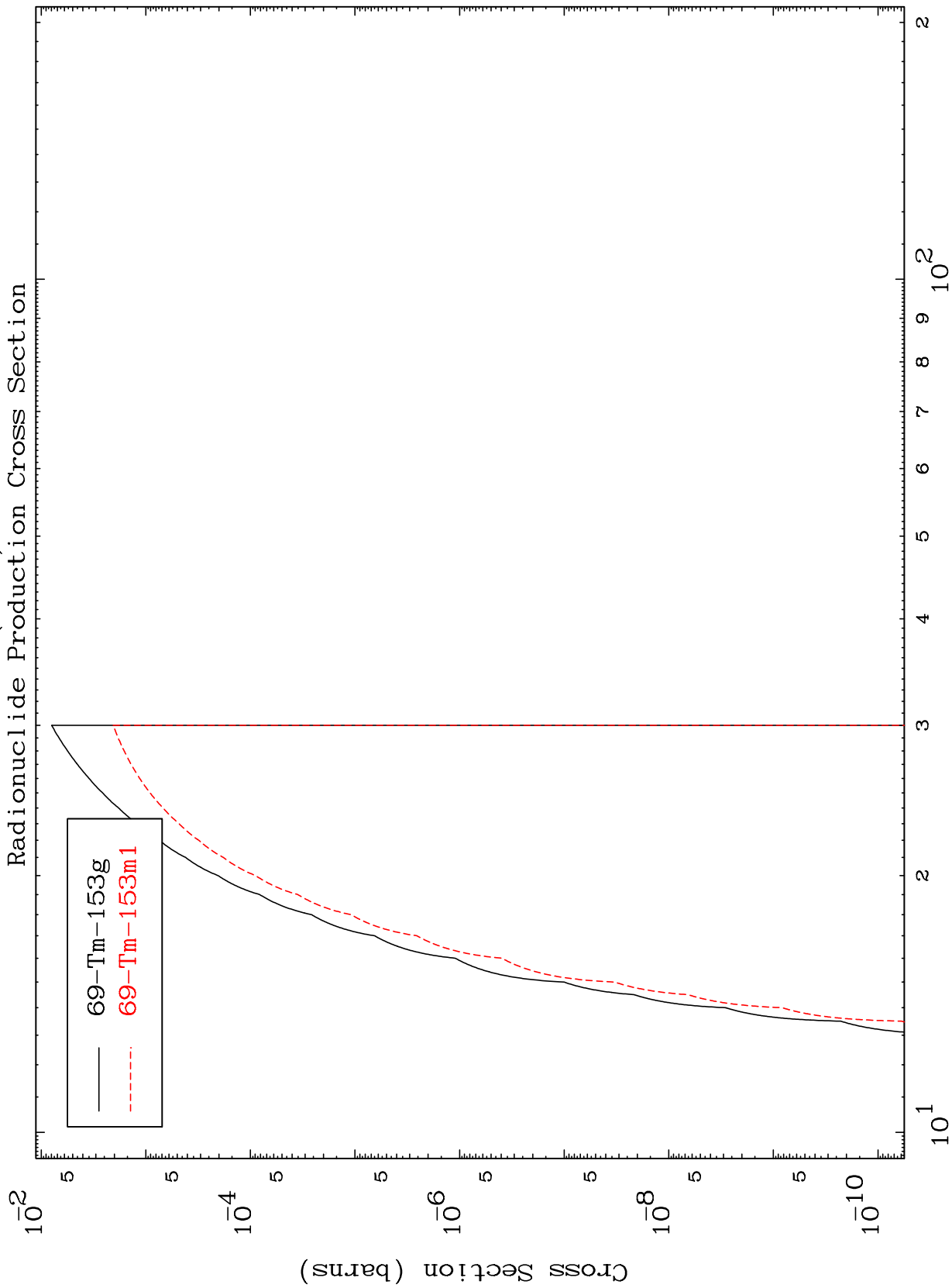
70-Yb-155

MAT 6986

(n,n') d

70-Yb-155

Radionuclide Production Cross Section



Incident Energy (MeV)

70-Yb-155

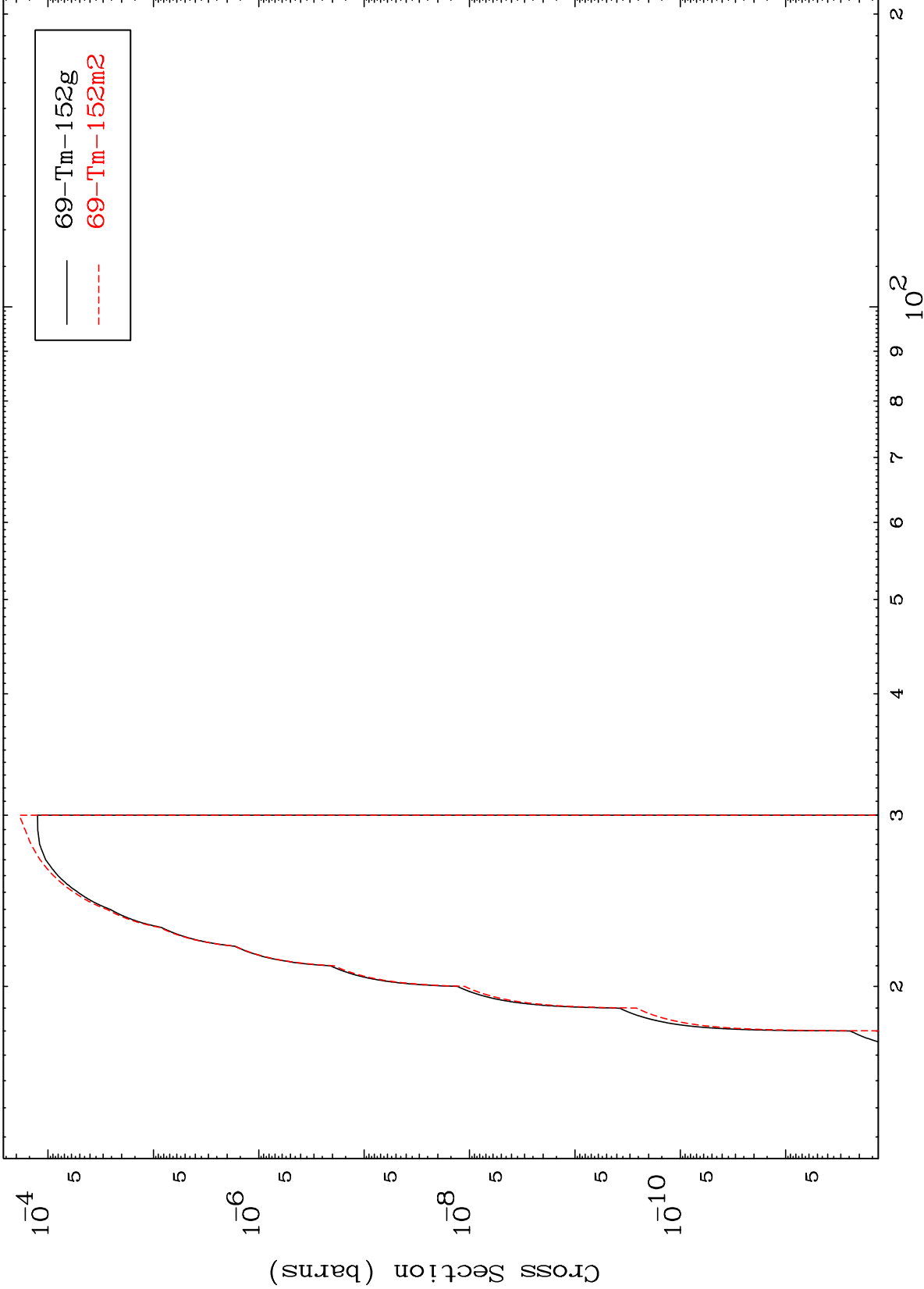
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MAT 6986

(n,n') t

70-Yb-155

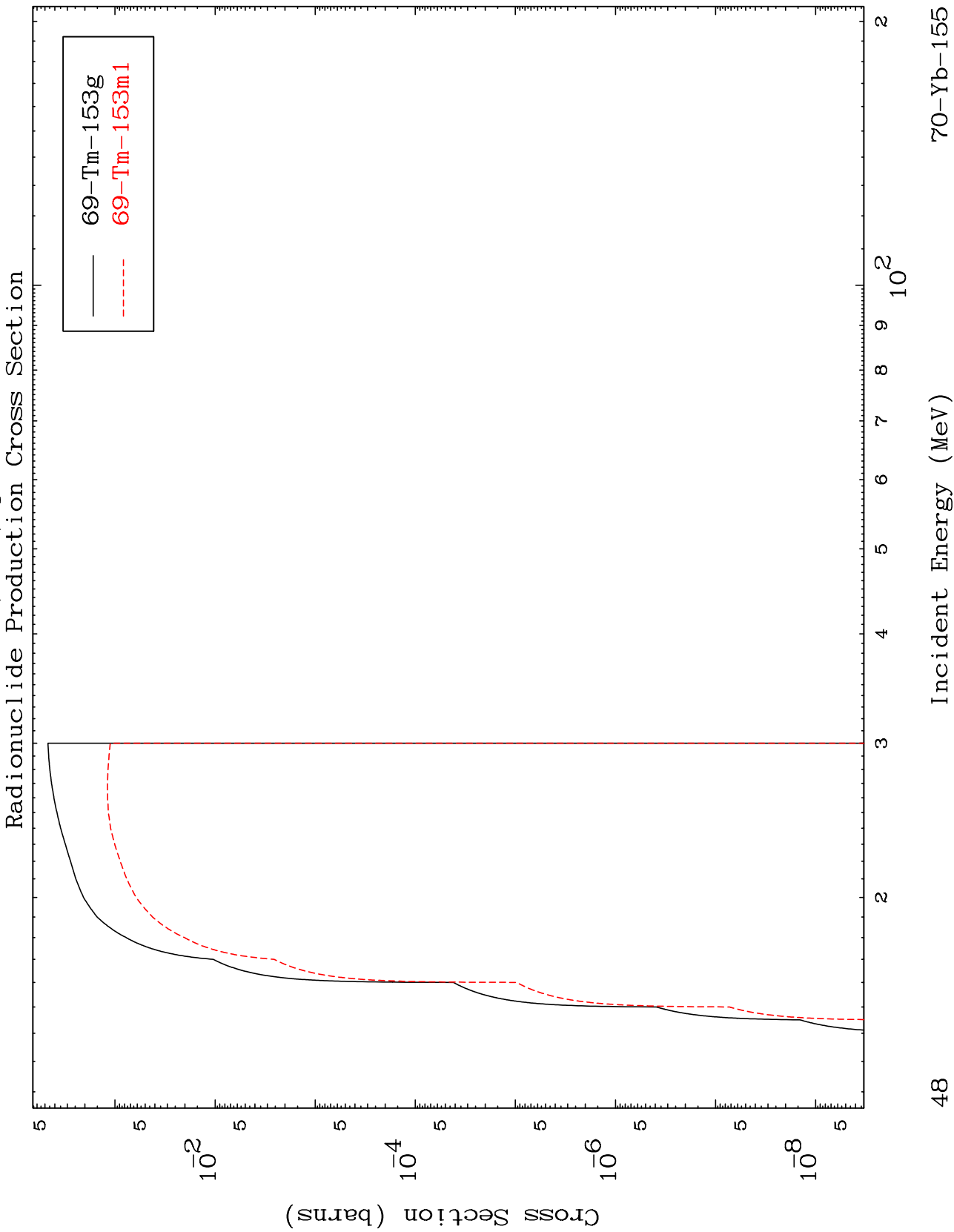
Radionuclide Production Cross Section



47

Incident Energy (MeV)

70-Yb-155

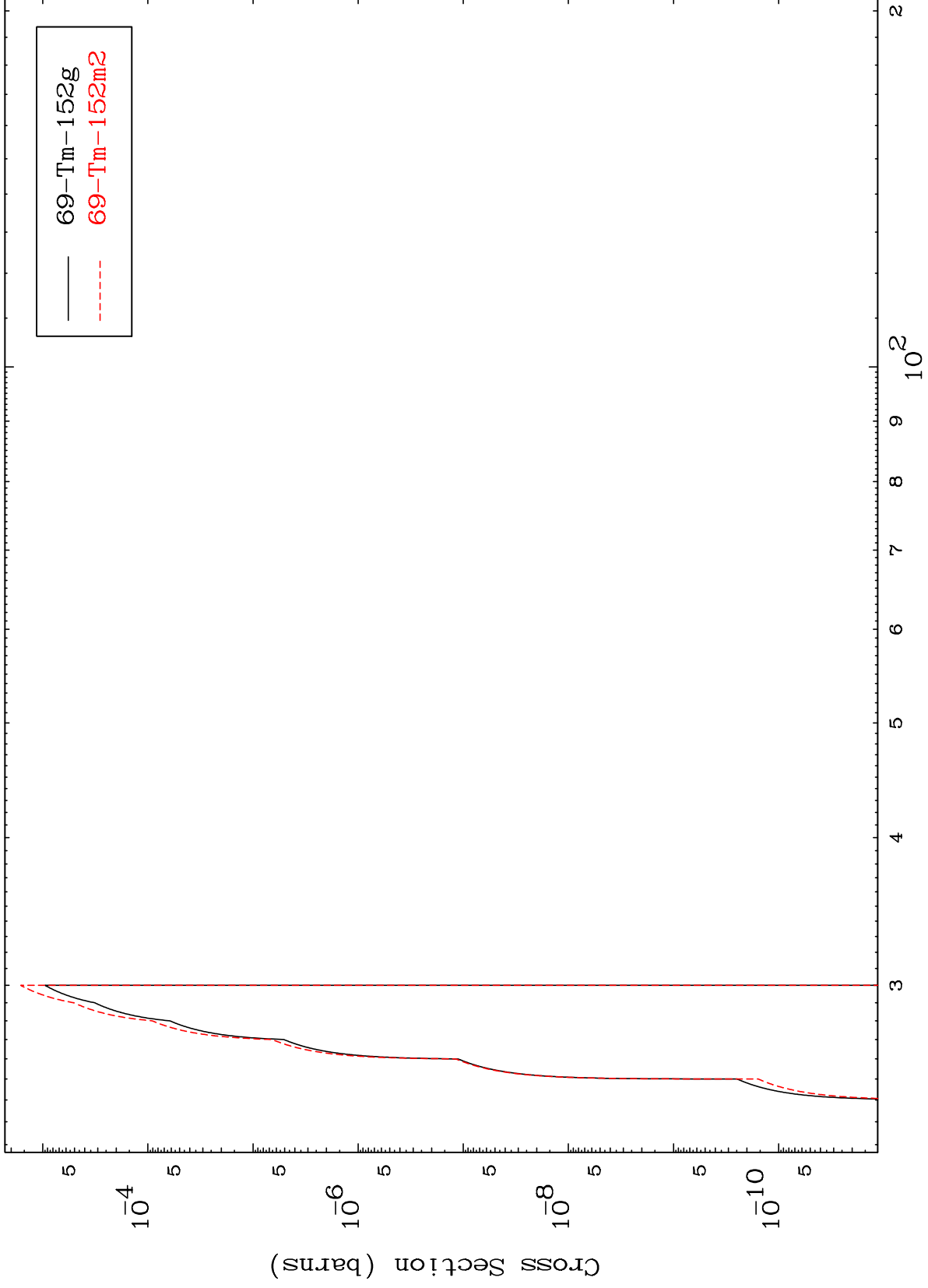


MAT 6986

(n,3n) p

70-Yb-155

Radionuclide Production Cross Section



49

Incident Energy (MeV)

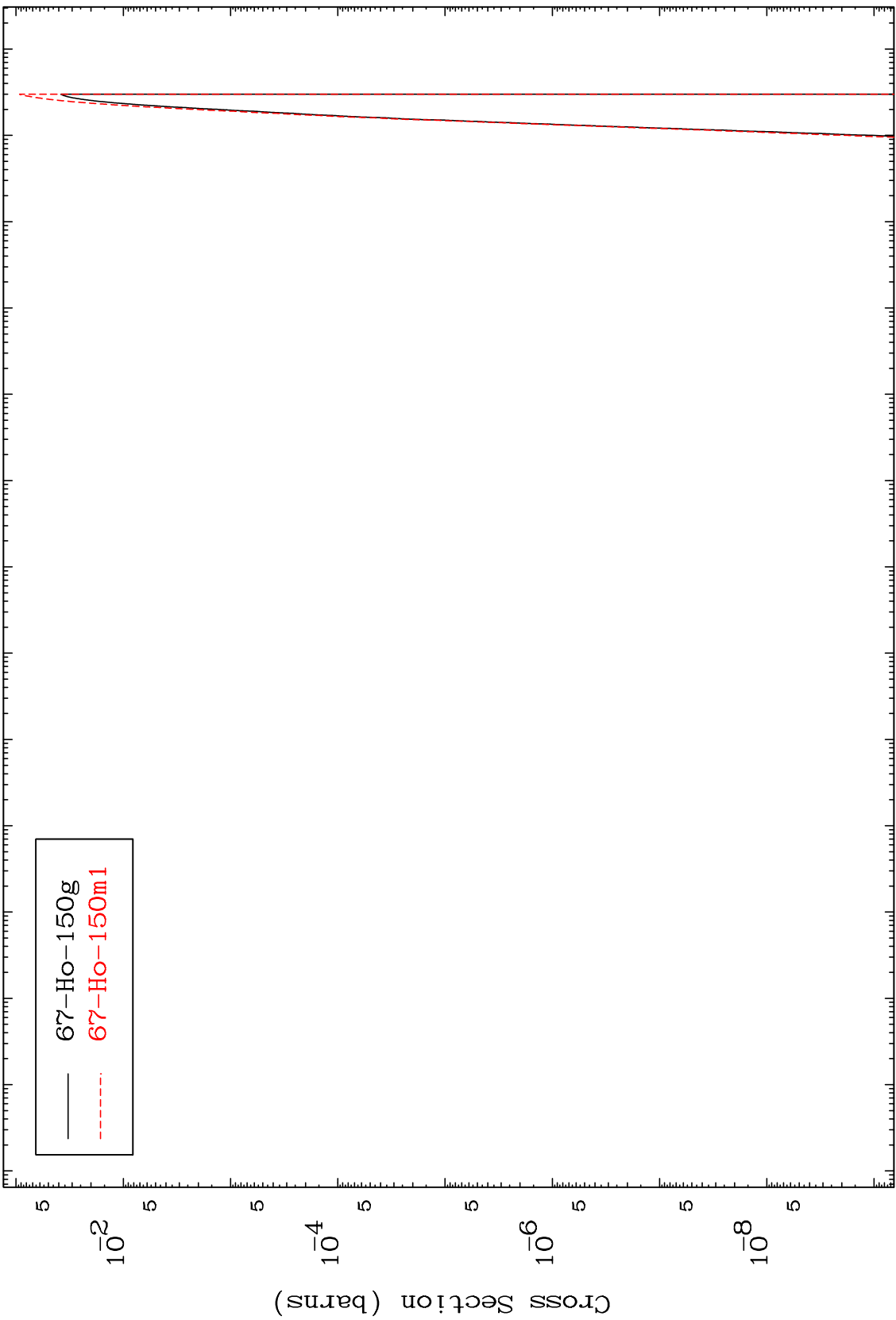
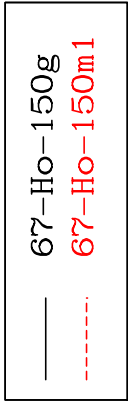
70-Yb-155

MAT 6986

(n,n') p α

70-Yb-155

Radionuclide Production Cross Section



50

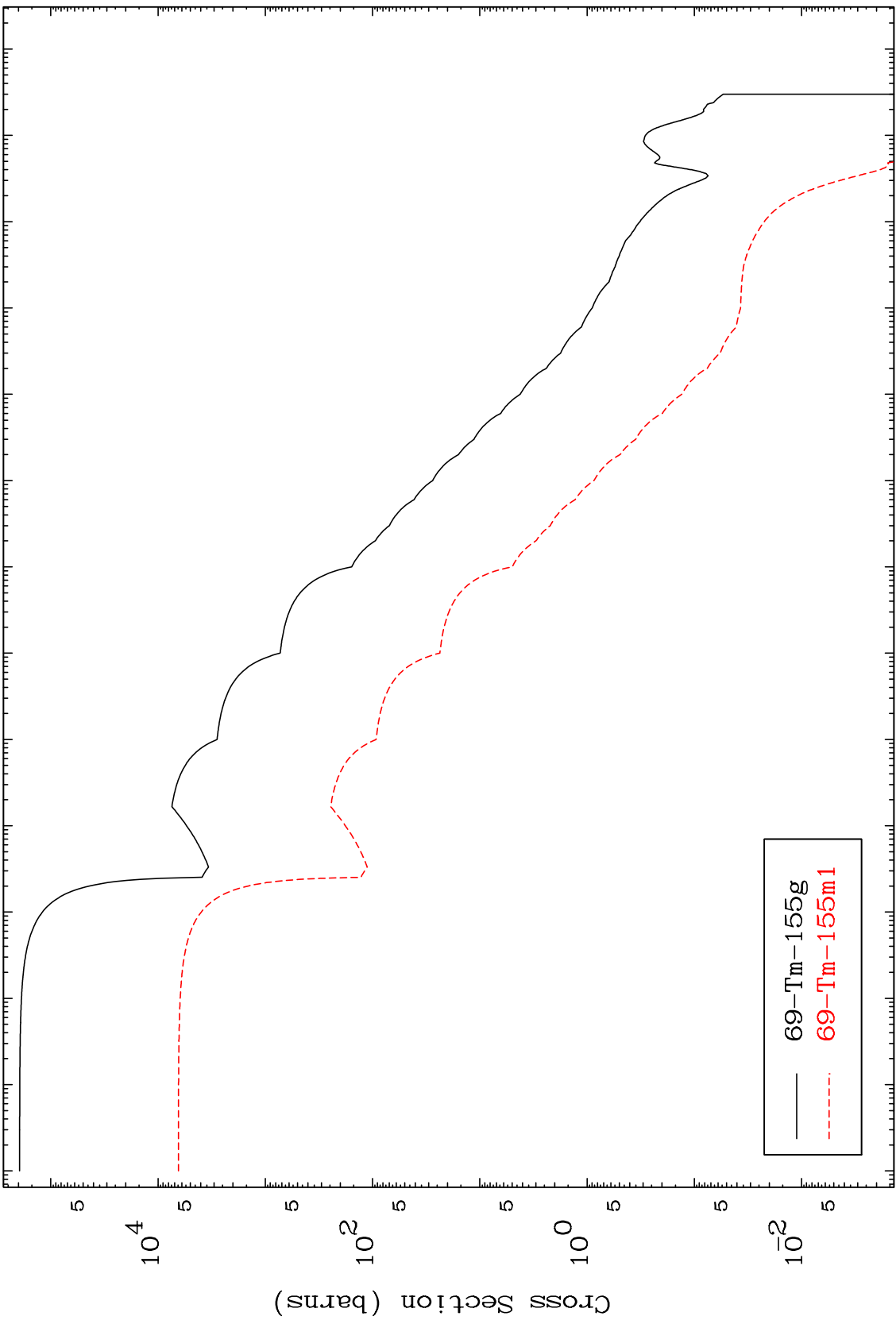
Incident Energy (MeV)

70-Yb-155

MAT 6986

70-Yb-155

(n,p)
Radionuclide Production Cross Section



70-Yb-155

10⁴

10²

10⁰

10⁻²

10⁻⁴

10⁻⁶

10⁻⁸

10⁻¹⁰

Incident Energy (MeV)

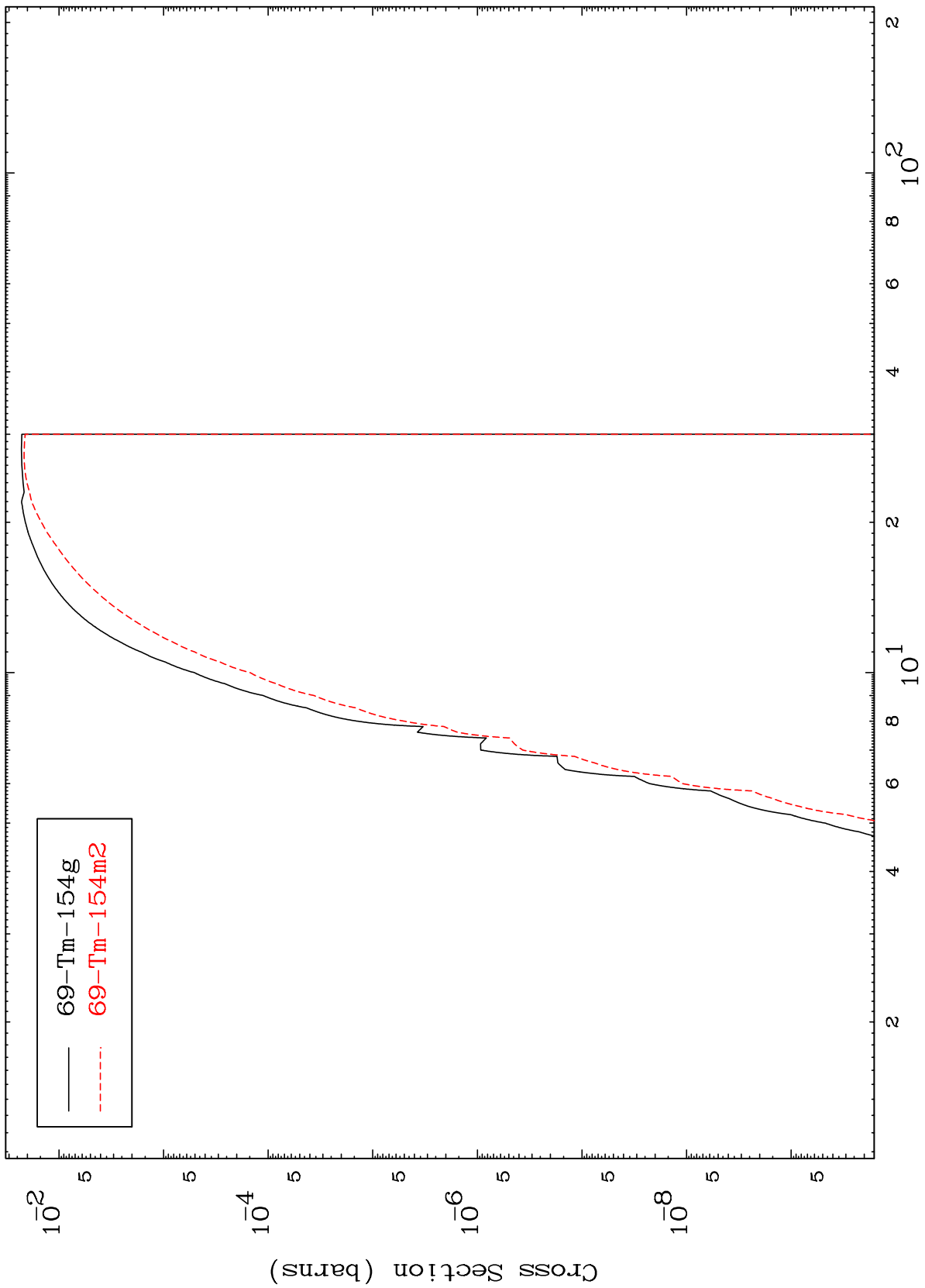
70-Yb-155

51

MAT 6986

70-Yb-155

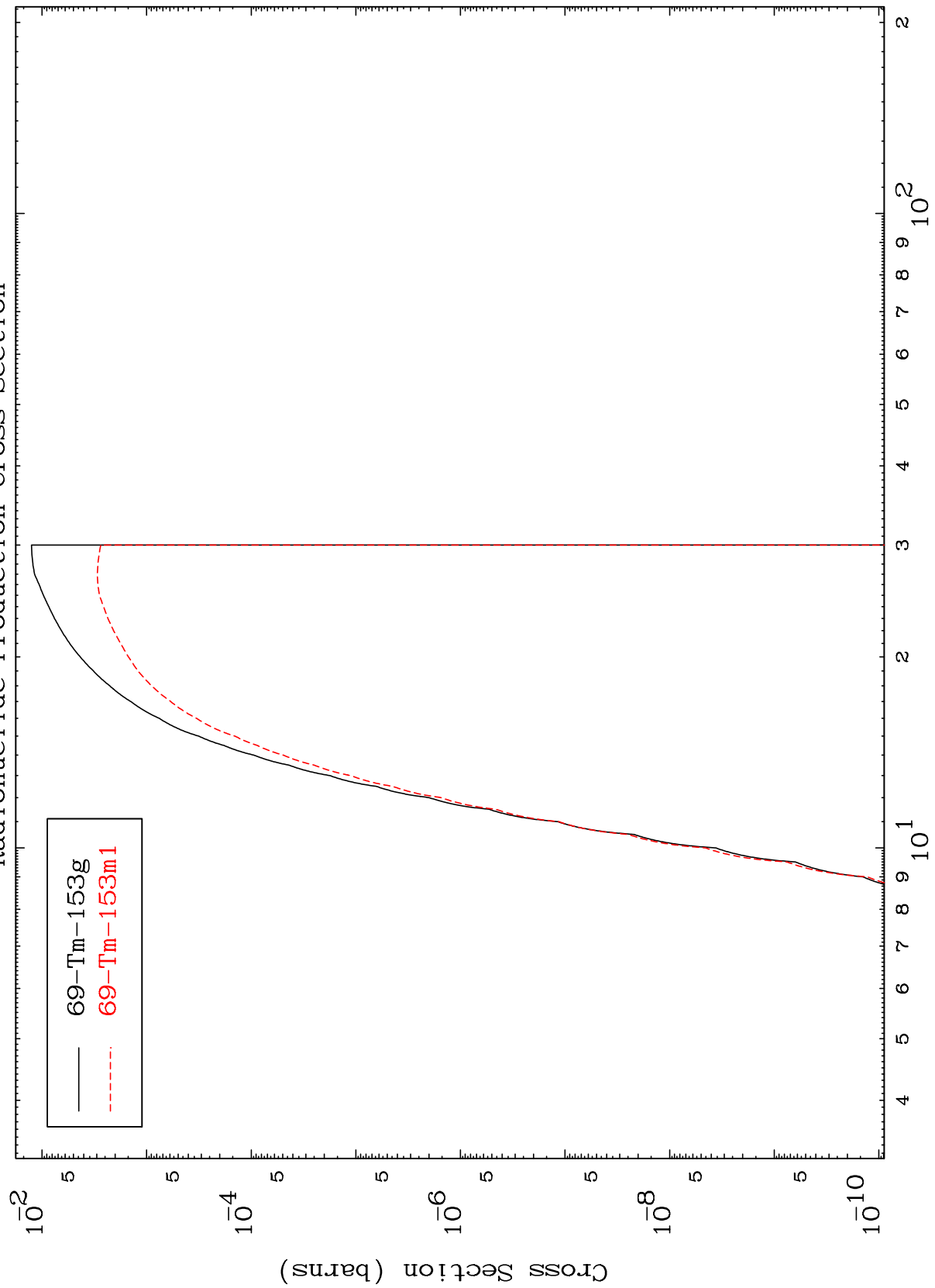
(n,d)
Radionuclide Production Cross Section



MAT 6986

70-Yb-155

(n, t)
Radionuclide Production Cross Section



70-Yb-155

Incident Energy (MeV)

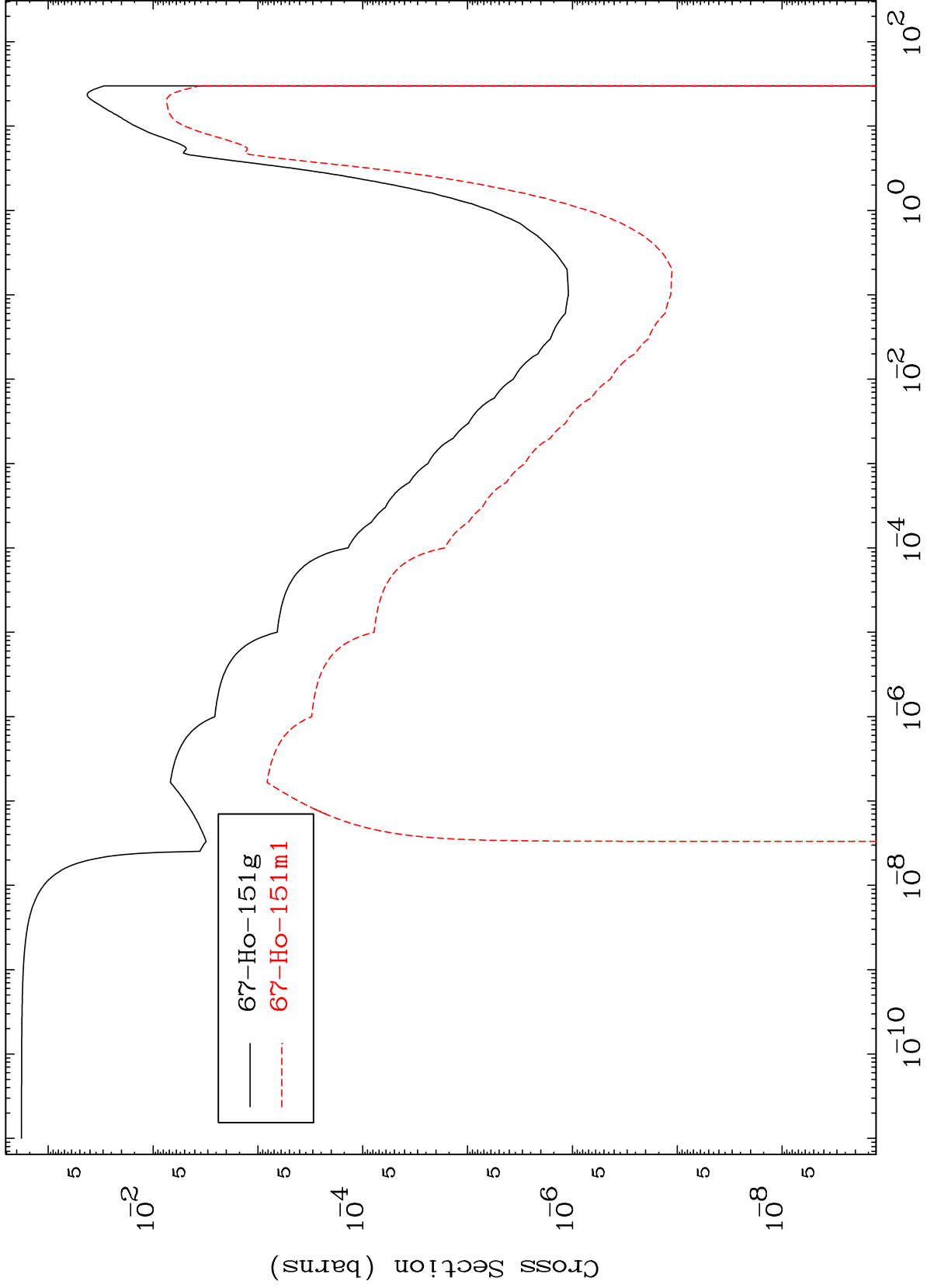
53

MAT 6986

(n,p) α

70-Yb-155

Radionuclide Production Cross Section

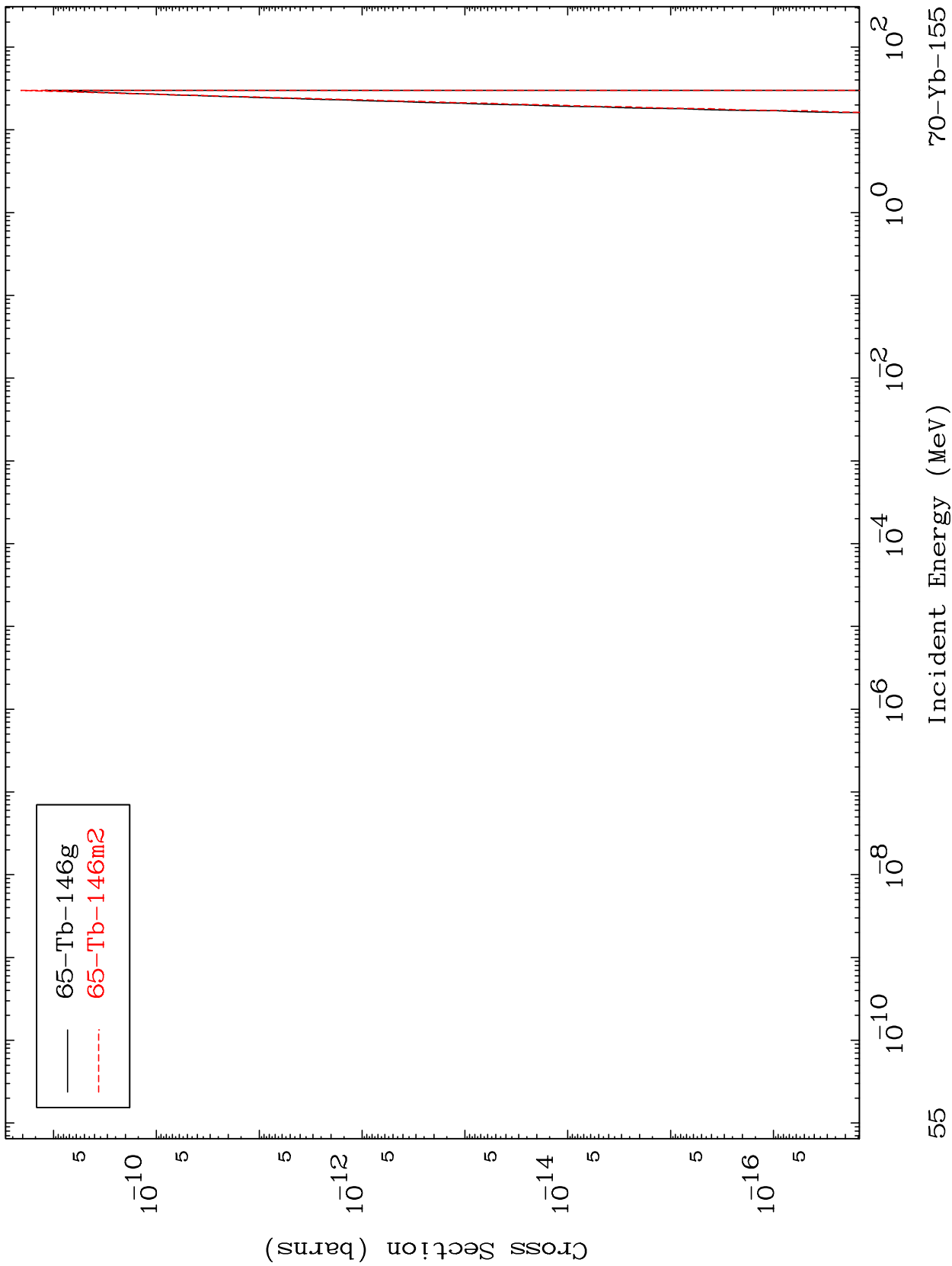


MAT 6986

(n,d) 2 α

70-Yb-155

Radionuclide Production Cross Section



MAT 6986

(n,d) α

70-Yb-155

Radionuclide Production Cross Section

