

Program EVALPLOT
(Version 2015-2)

by

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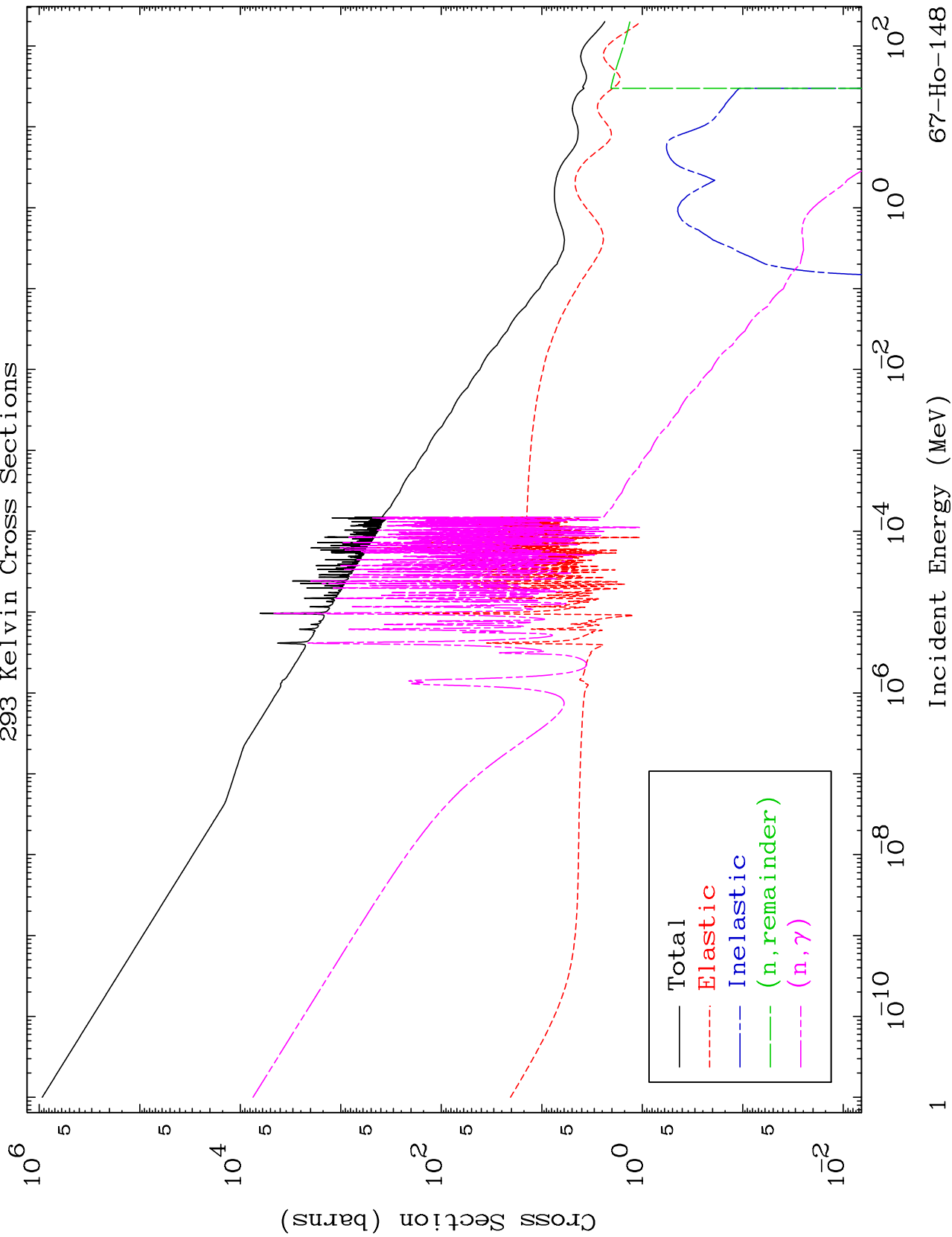
Press Mouse Button to Start

MAT 6674

Major

293 Kelvin Cross Sections

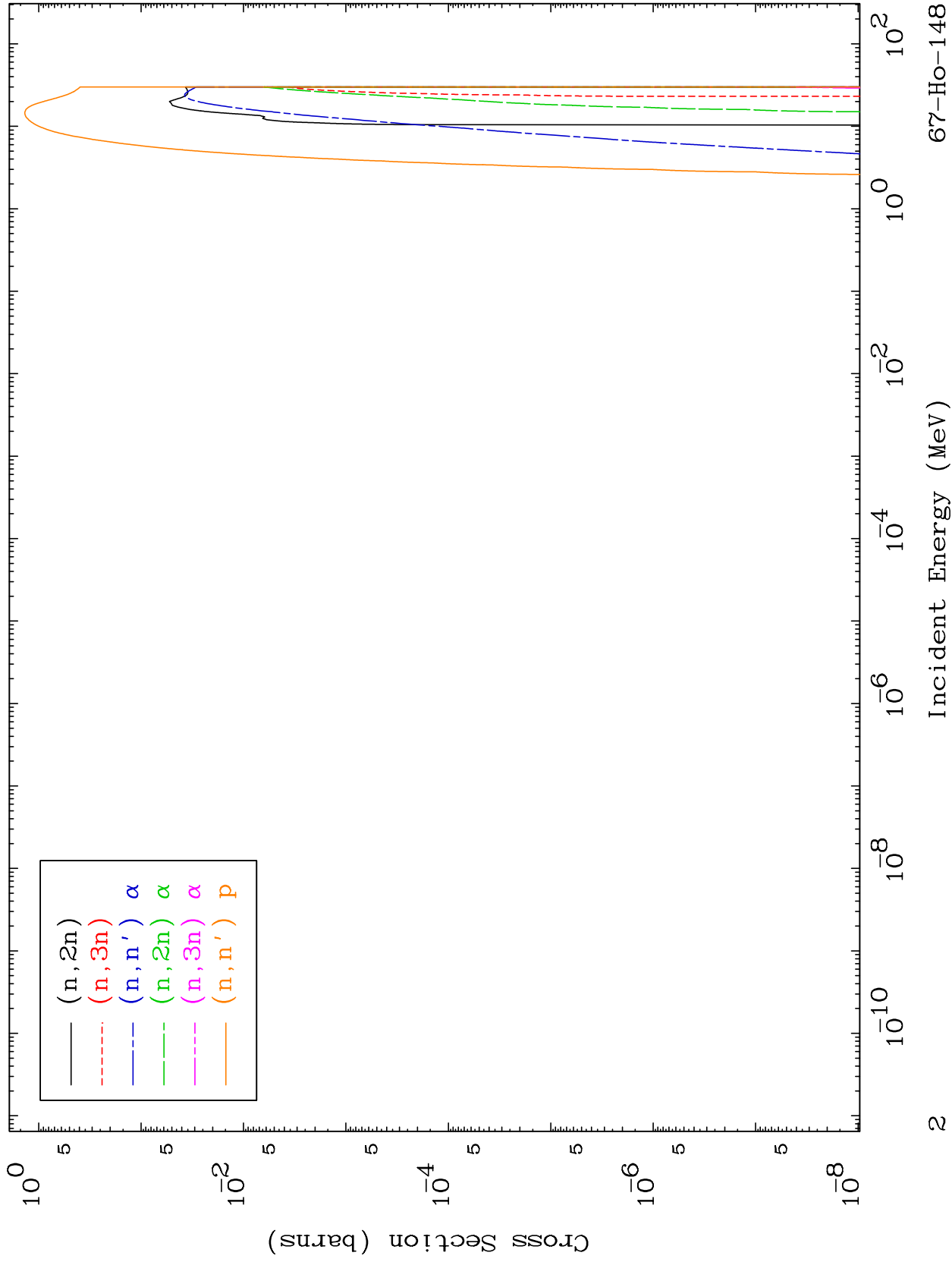
67-Ho-148



MAT 6674

Neutron Production
293 Kelvin Cross Sections

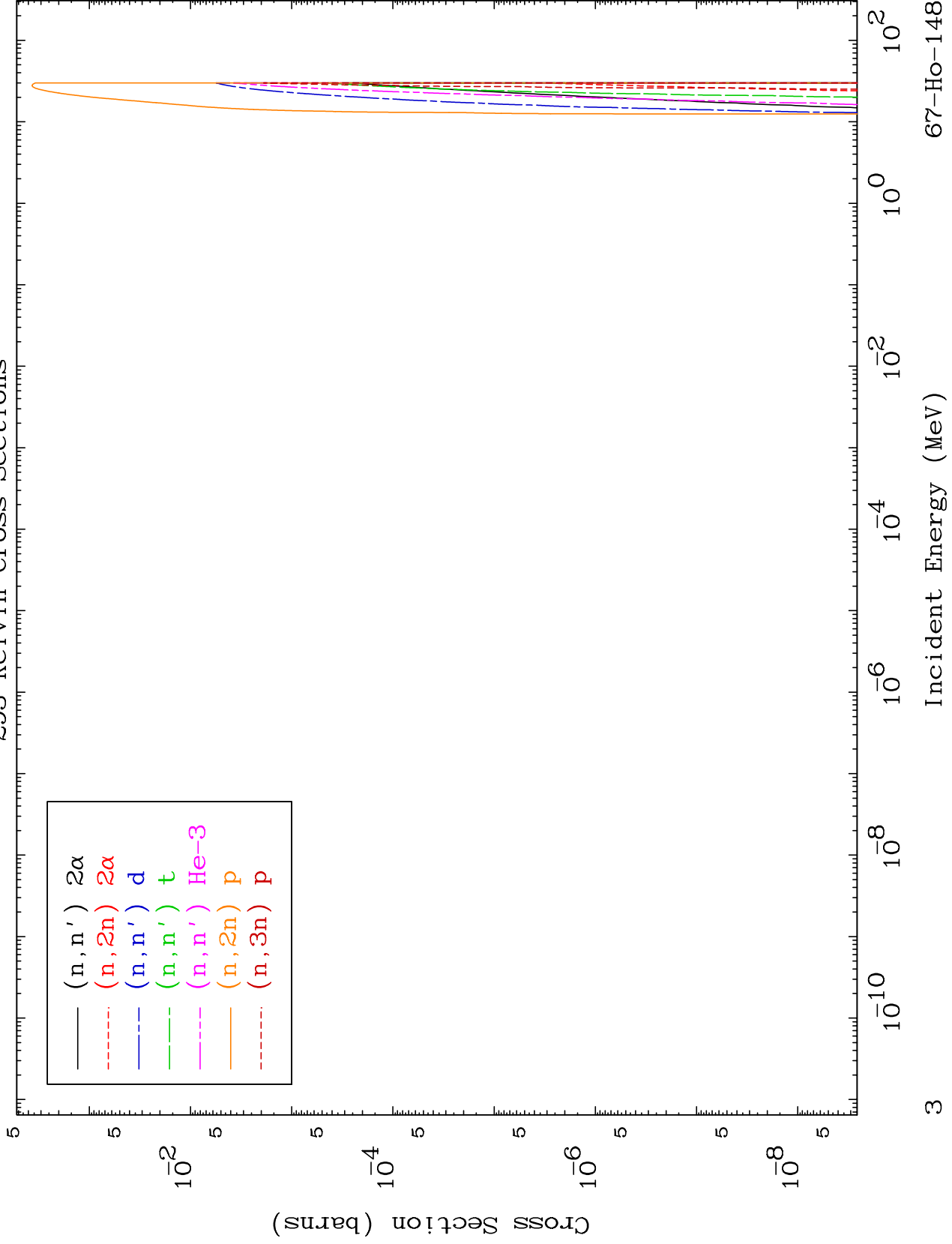
67-Ho-148



MAT 6674

Neutron Production
293 Kelvin Cross Sections

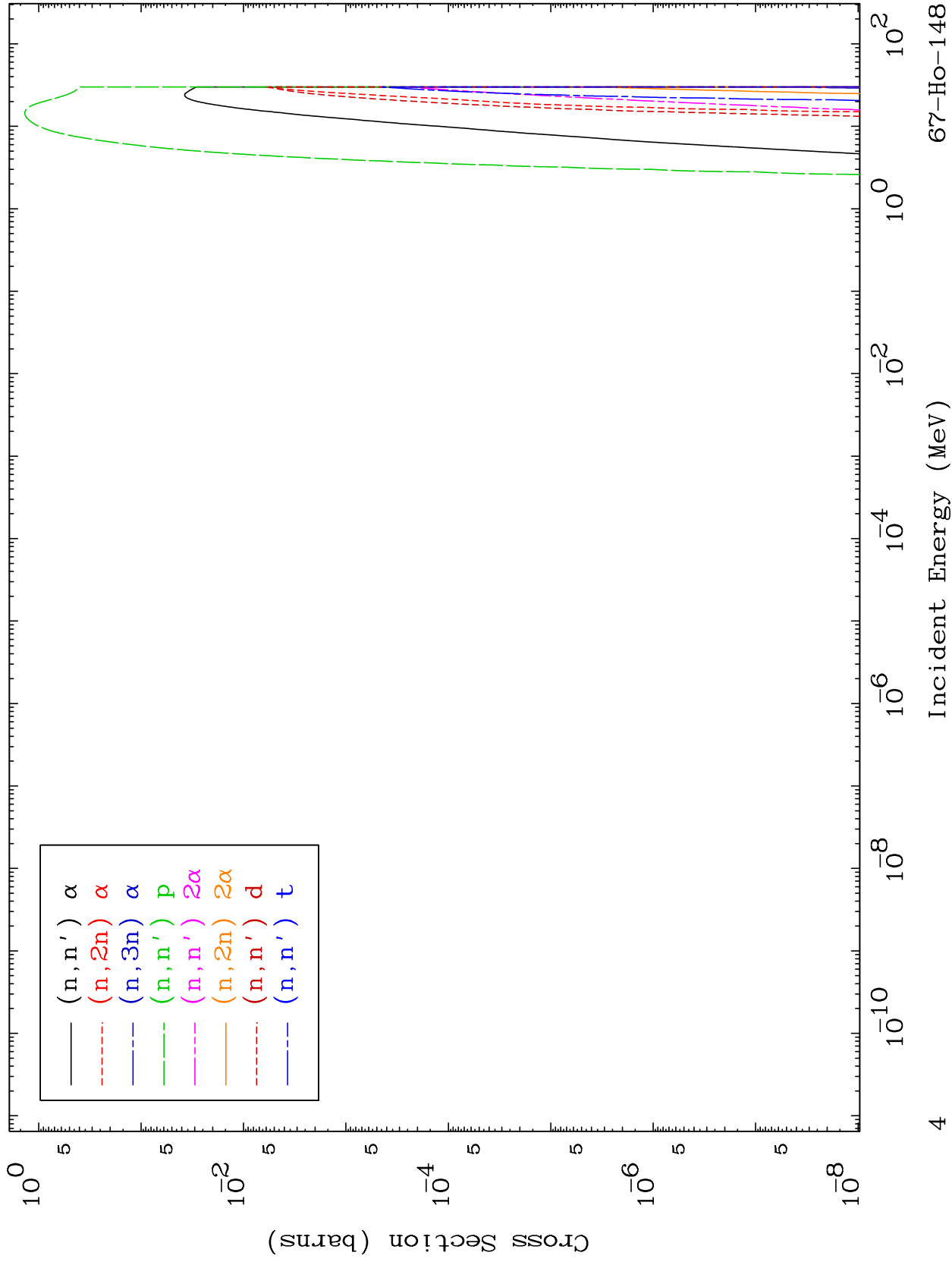
67-Ho-148



MAT 6674

Charged Particle
293 Kelvin Cross Sections

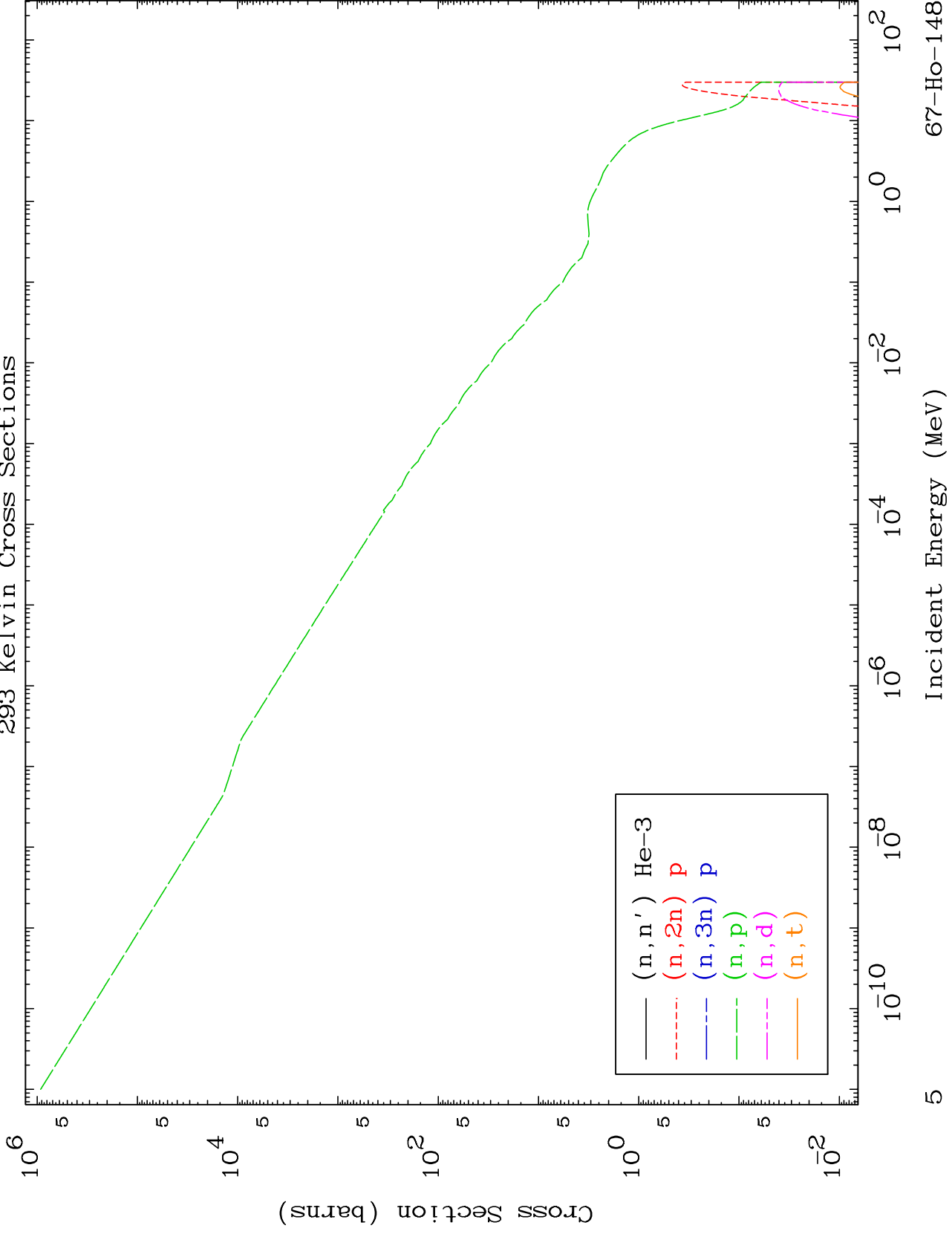
67-Ho-148



MAT 6674

Charged Particle
293 Kelvin Cross Sections

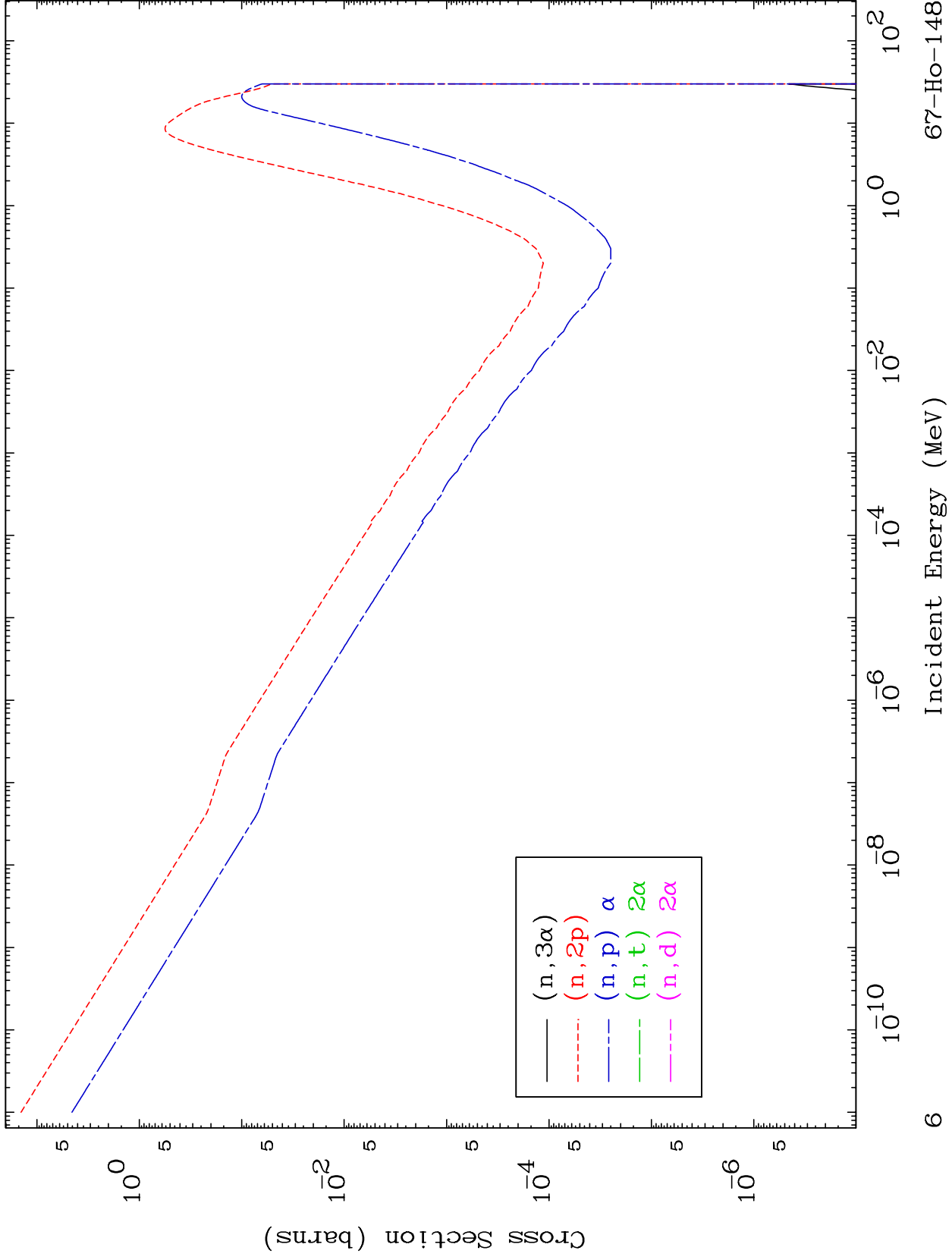
67-Ho-148



MAT 6674

Charged Particle
293 Kelvin Cross Sections

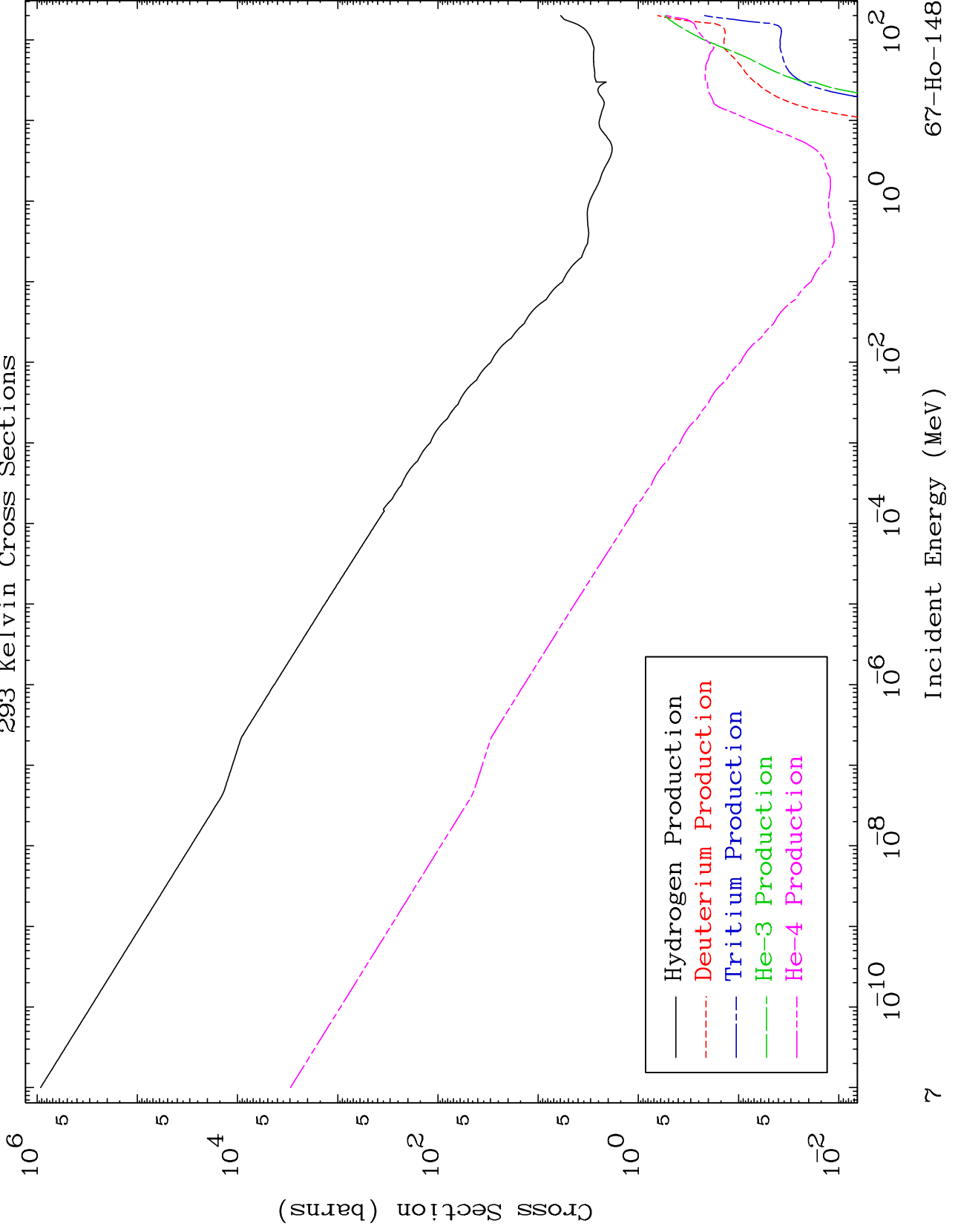
67-Ho-148



MAT 6674

Particle Production
293 Kelvin Cross Sections

67-Ho-148

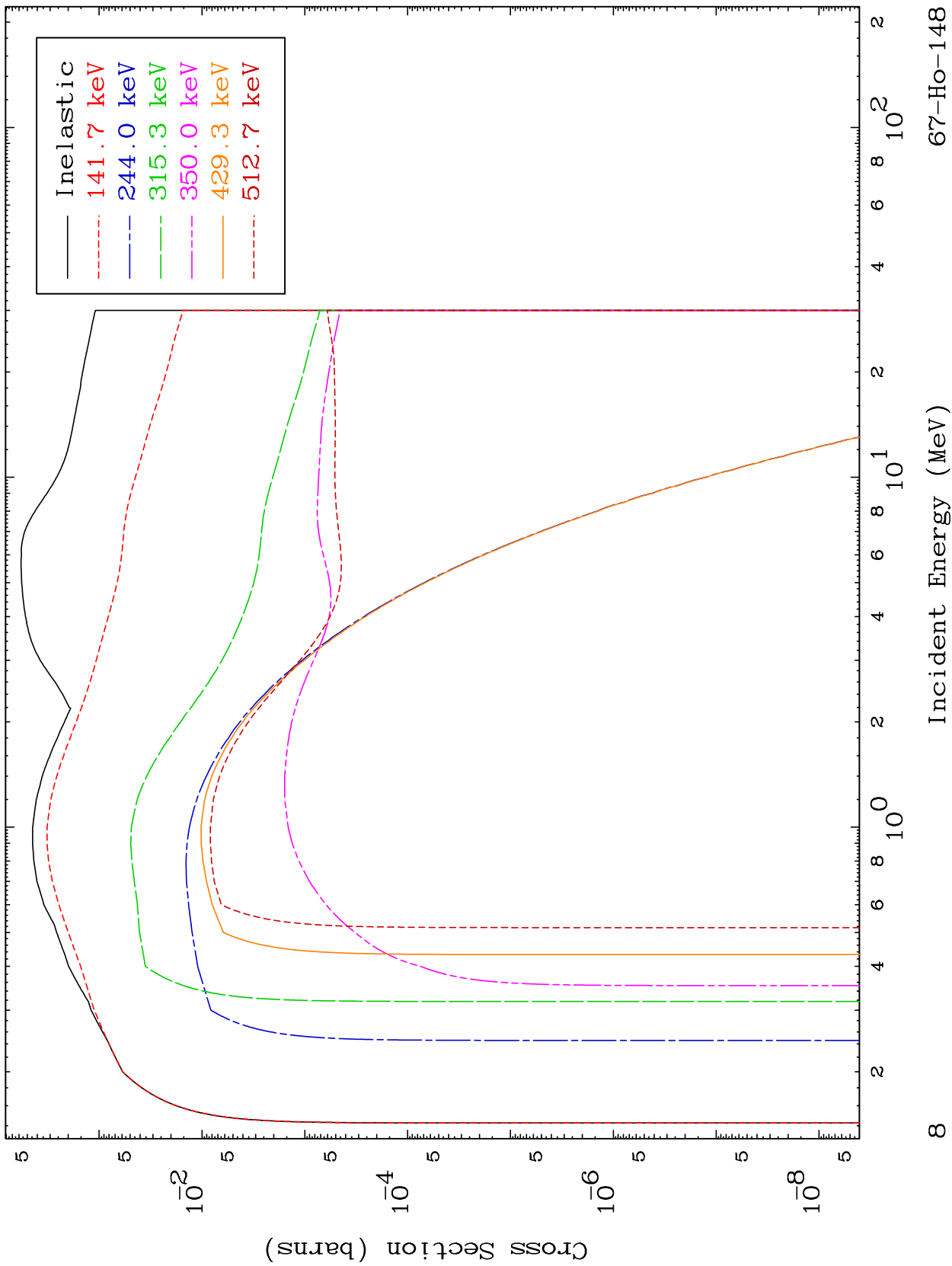


MAT 6674

(n,n') Level

67-Ho-148

293 Kelvin Cross Sections



8

Incident Energy (MeV)

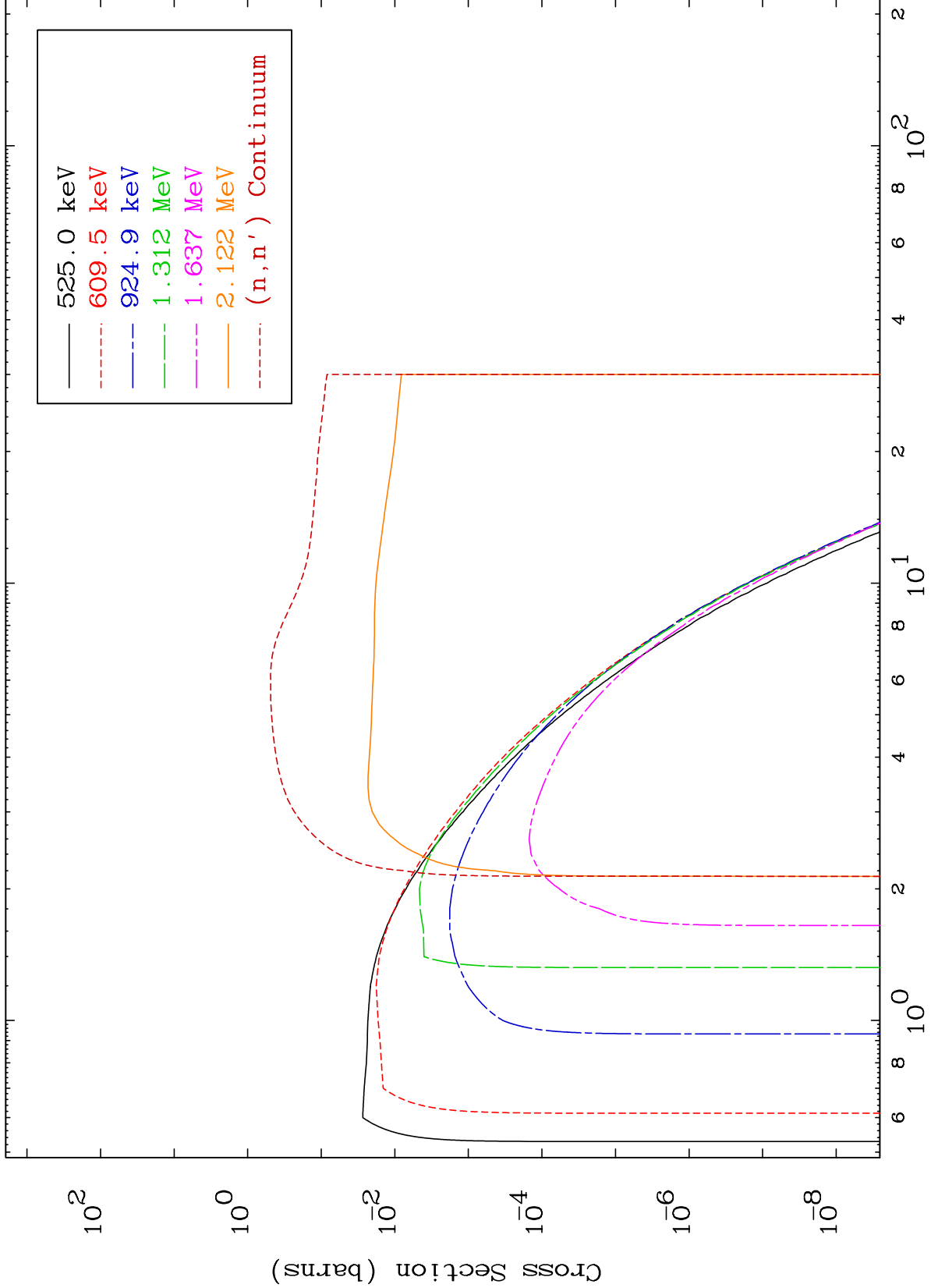
67-Ho-148

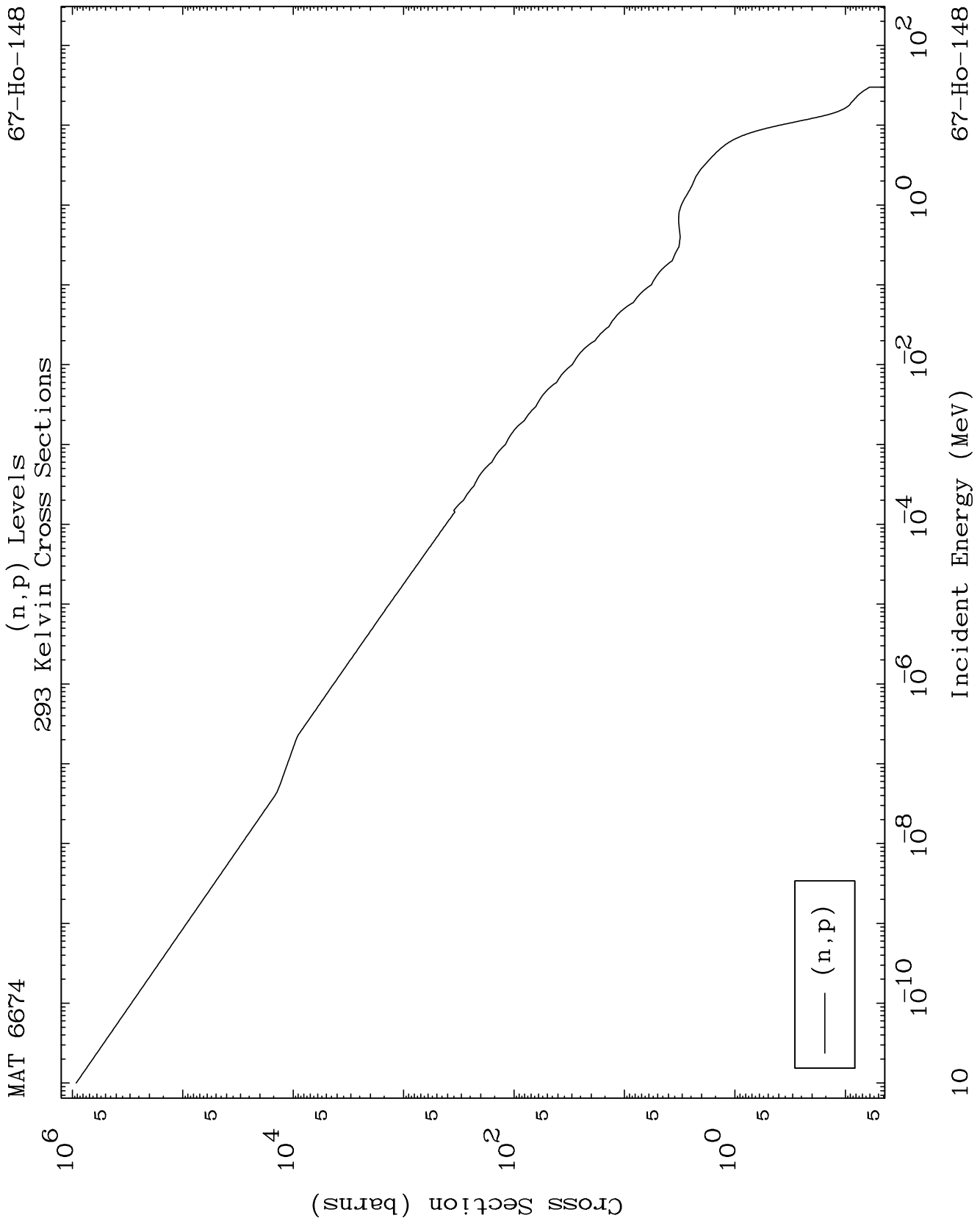
MAT 6674

(n,n') Level

67-Ho-148

293 Kelvin Cross Sections

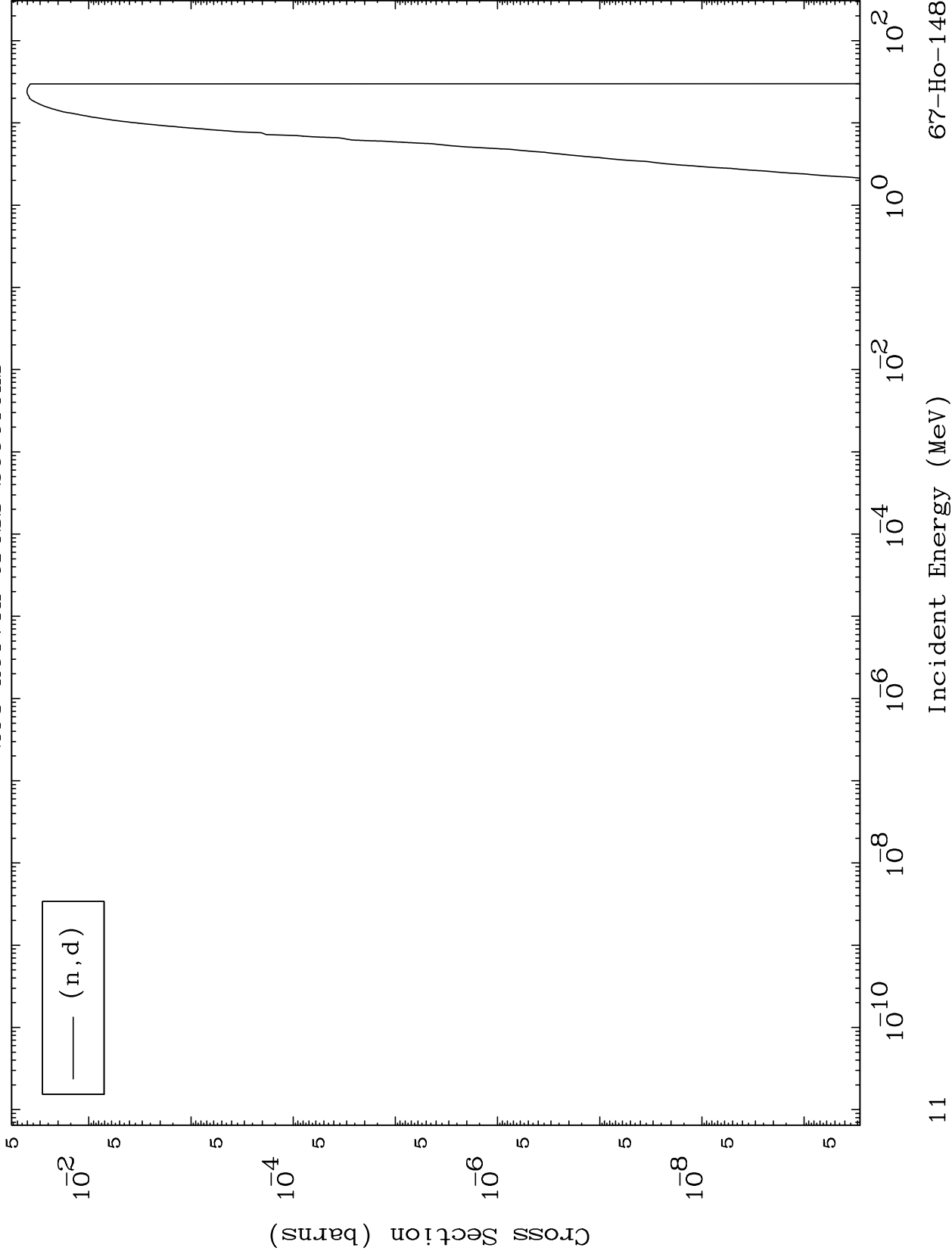




MAT 6674

(n,d) Levels
293 Kelvin Cross Sections

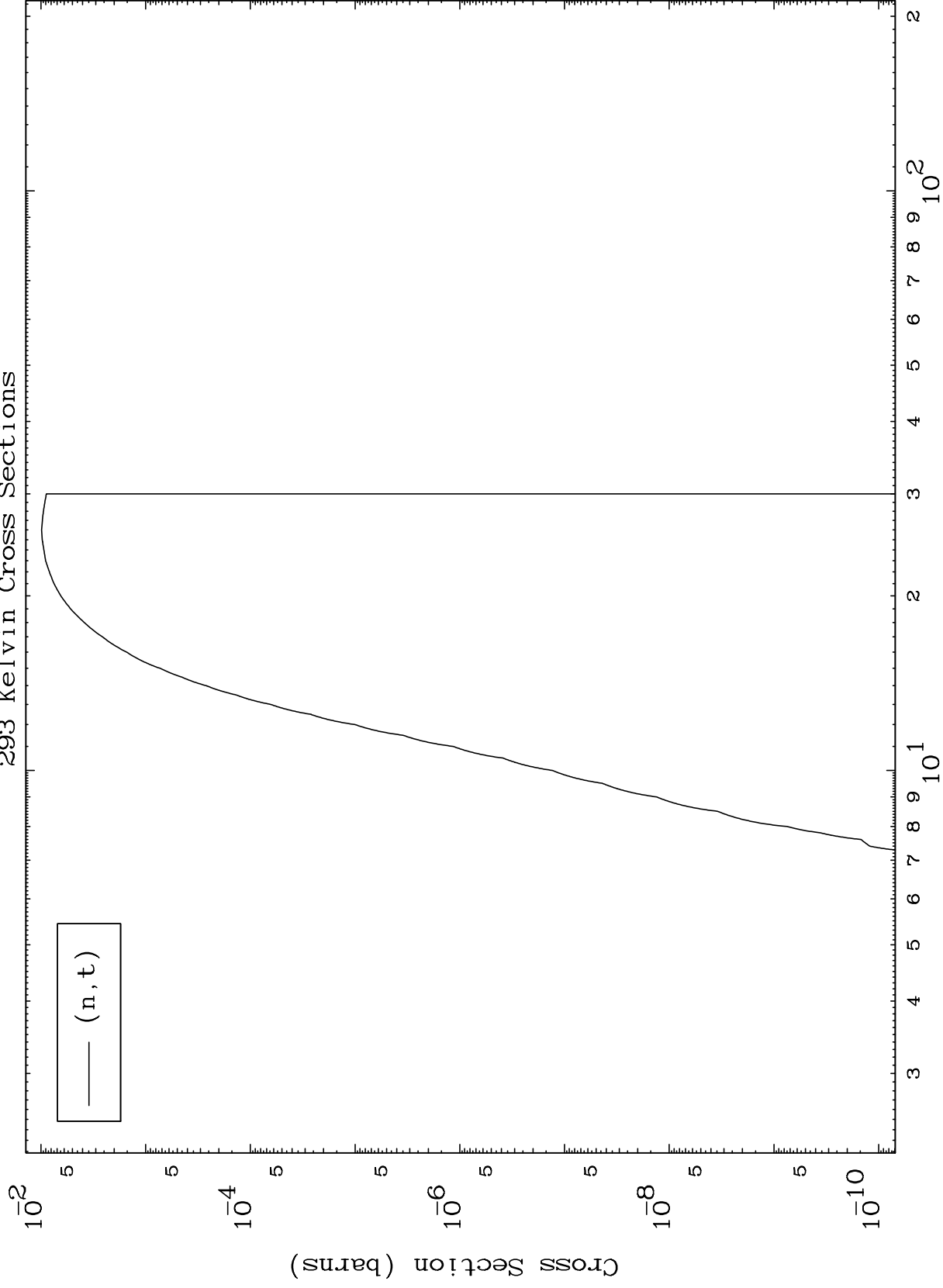
67-Ho-148



MAT 6674

(n,t) Levels
293 Kelvin Cross Sections

67-Ho-148



12

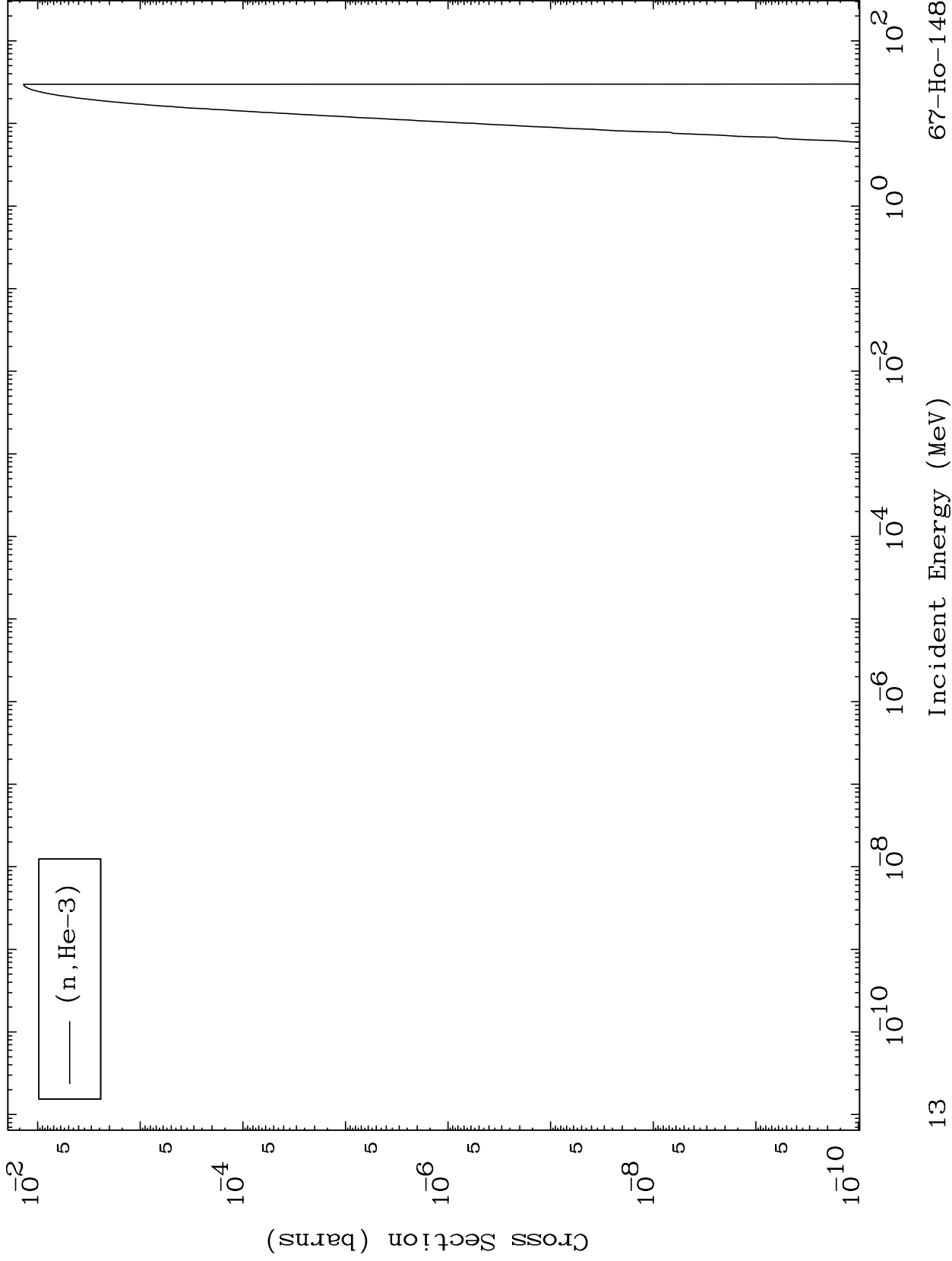
Incident Energy (MeV)

67-Ho-148

MAT 6674

(n,He3) Levels
293 Kelvin Cross Sections

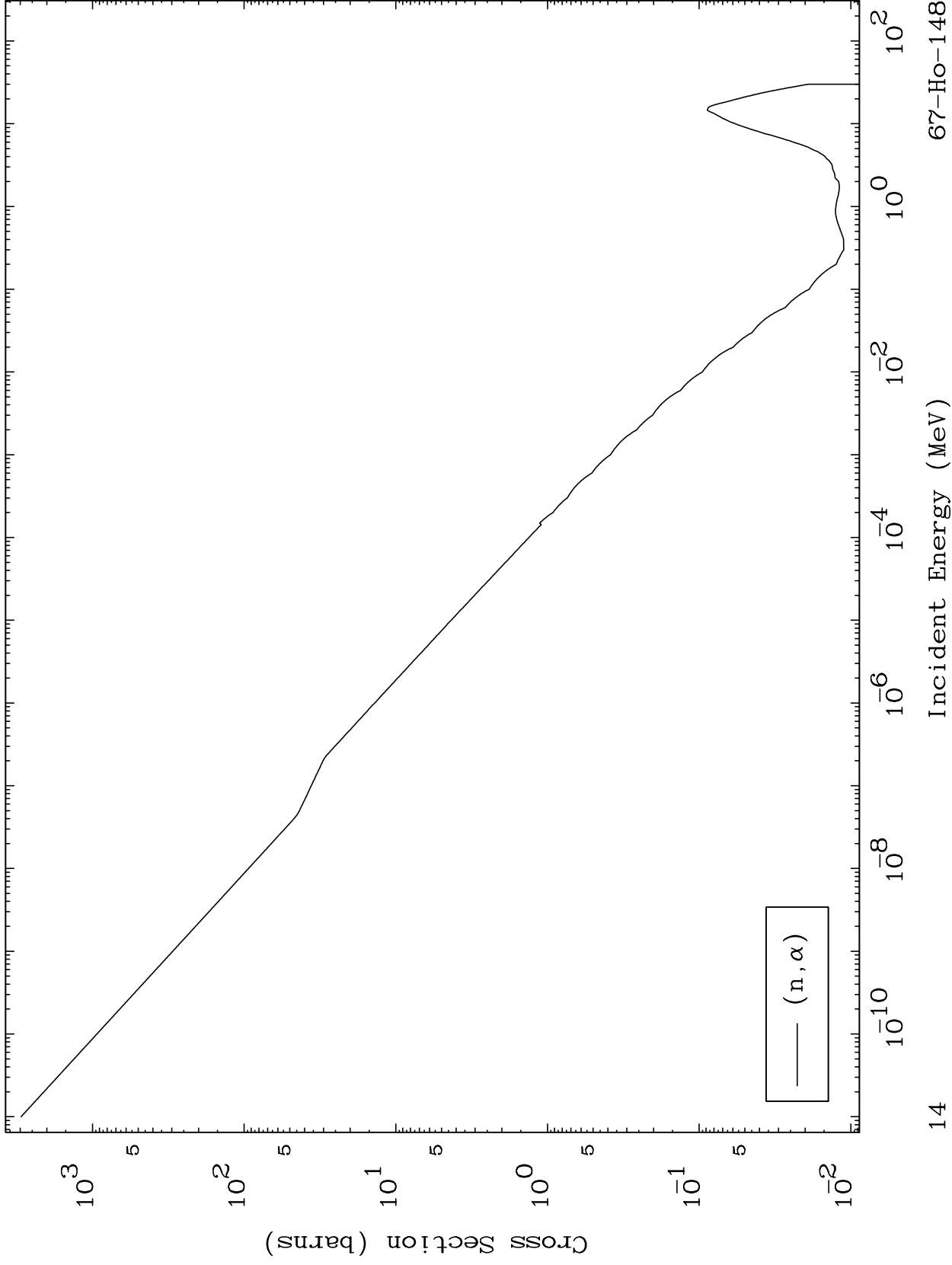
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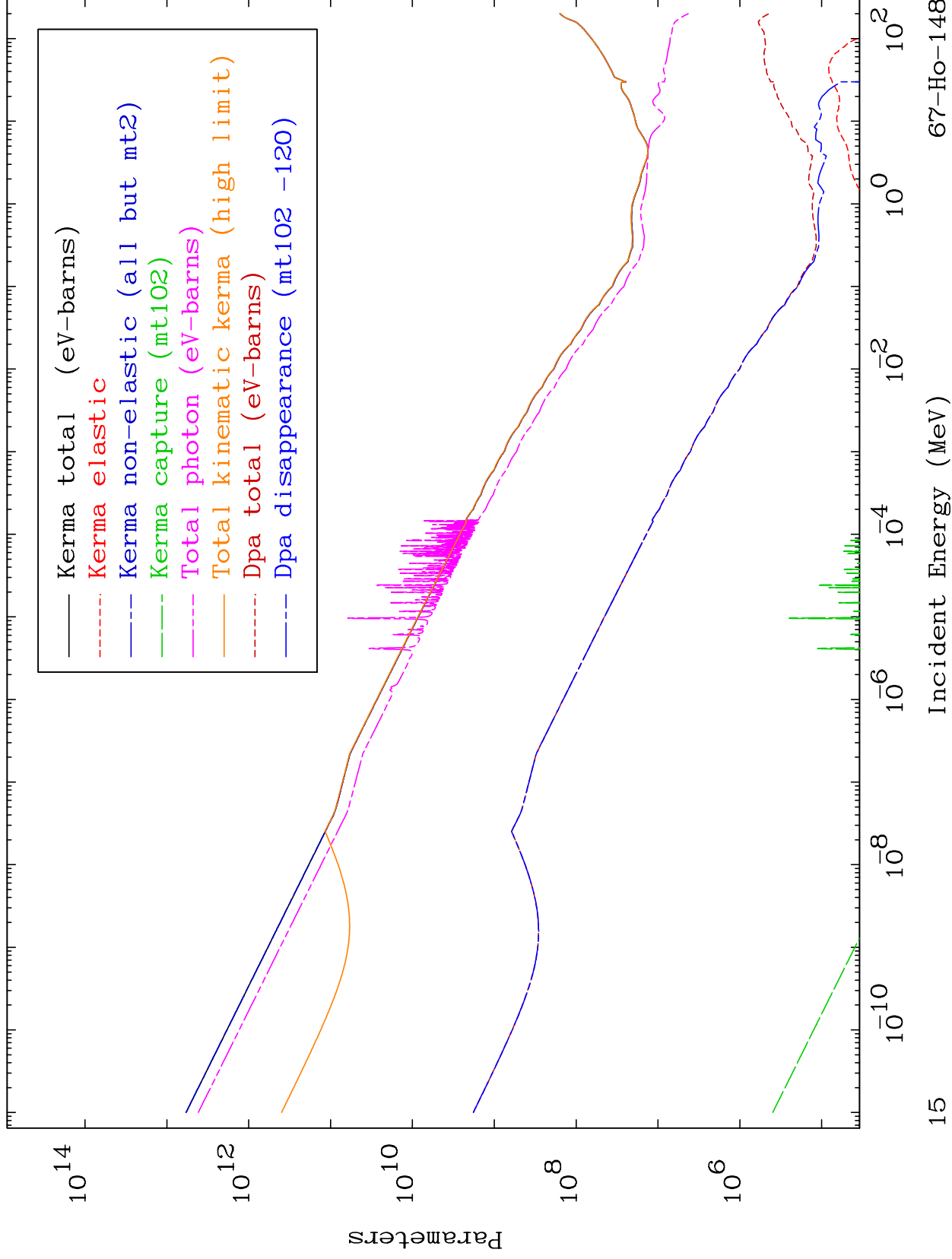


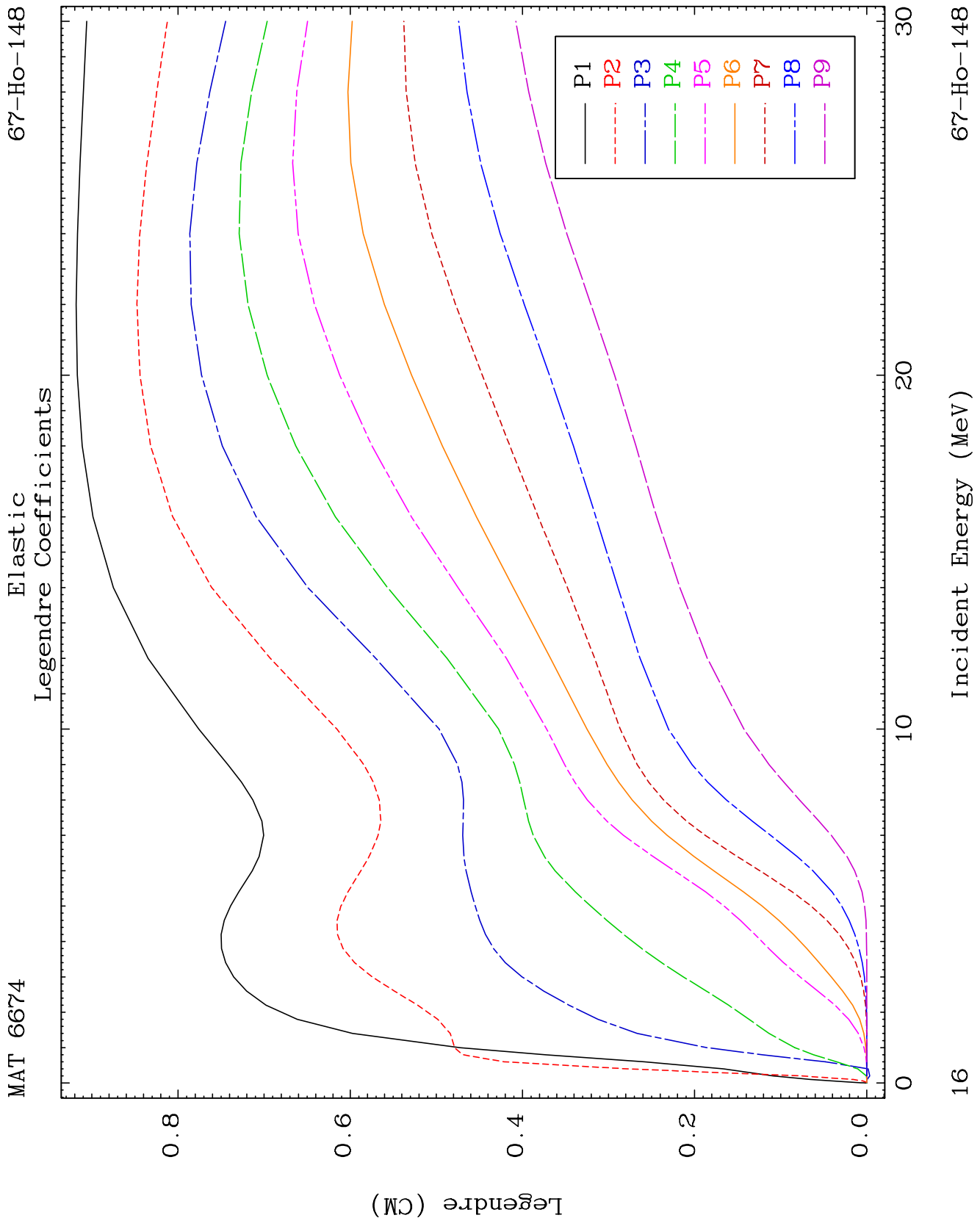
MAT 6674

(n, α) Levels
293 Kelvin Cross Sections

67-Ho-148



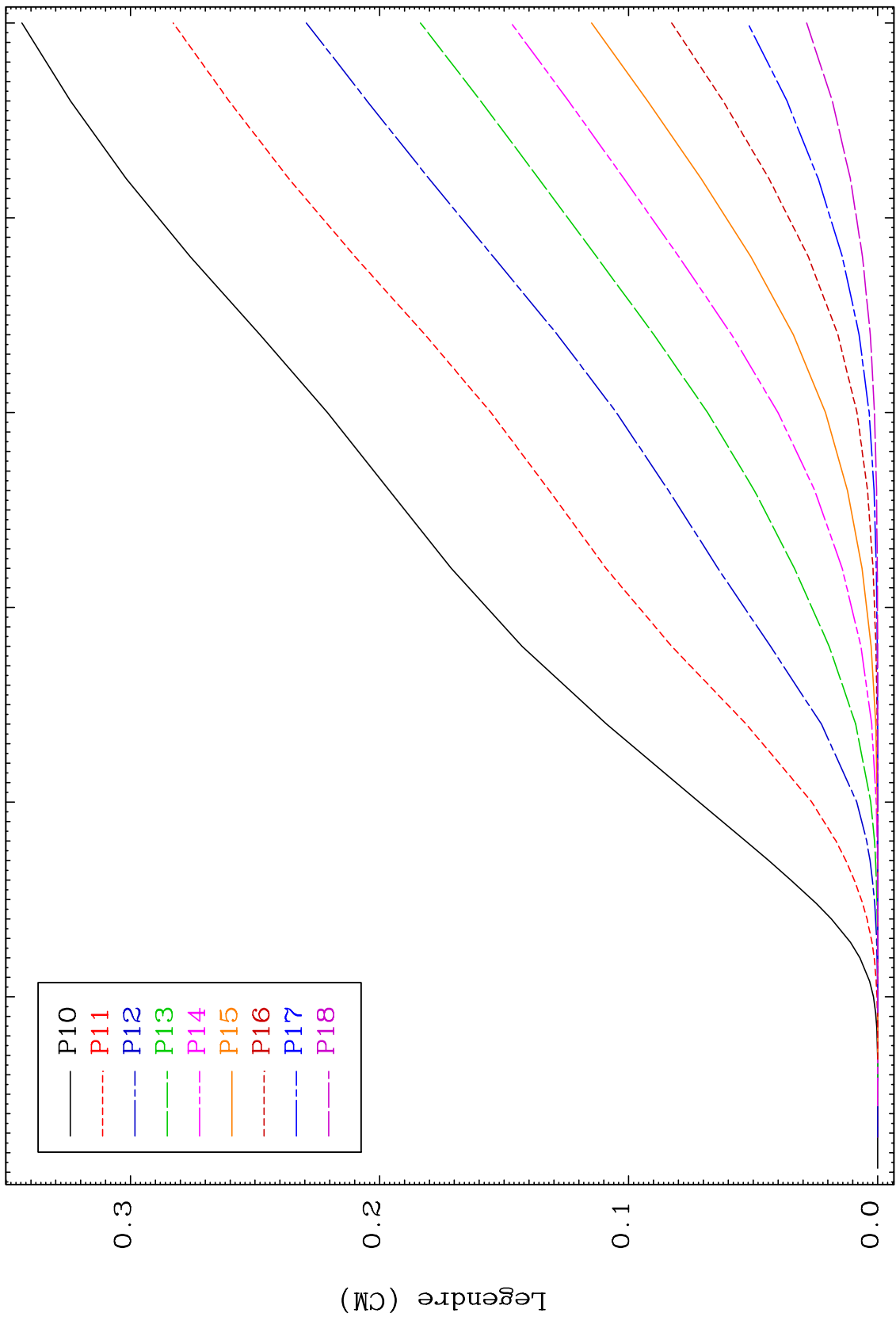




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Elastic Legendre Coefficients

67-Ho-148



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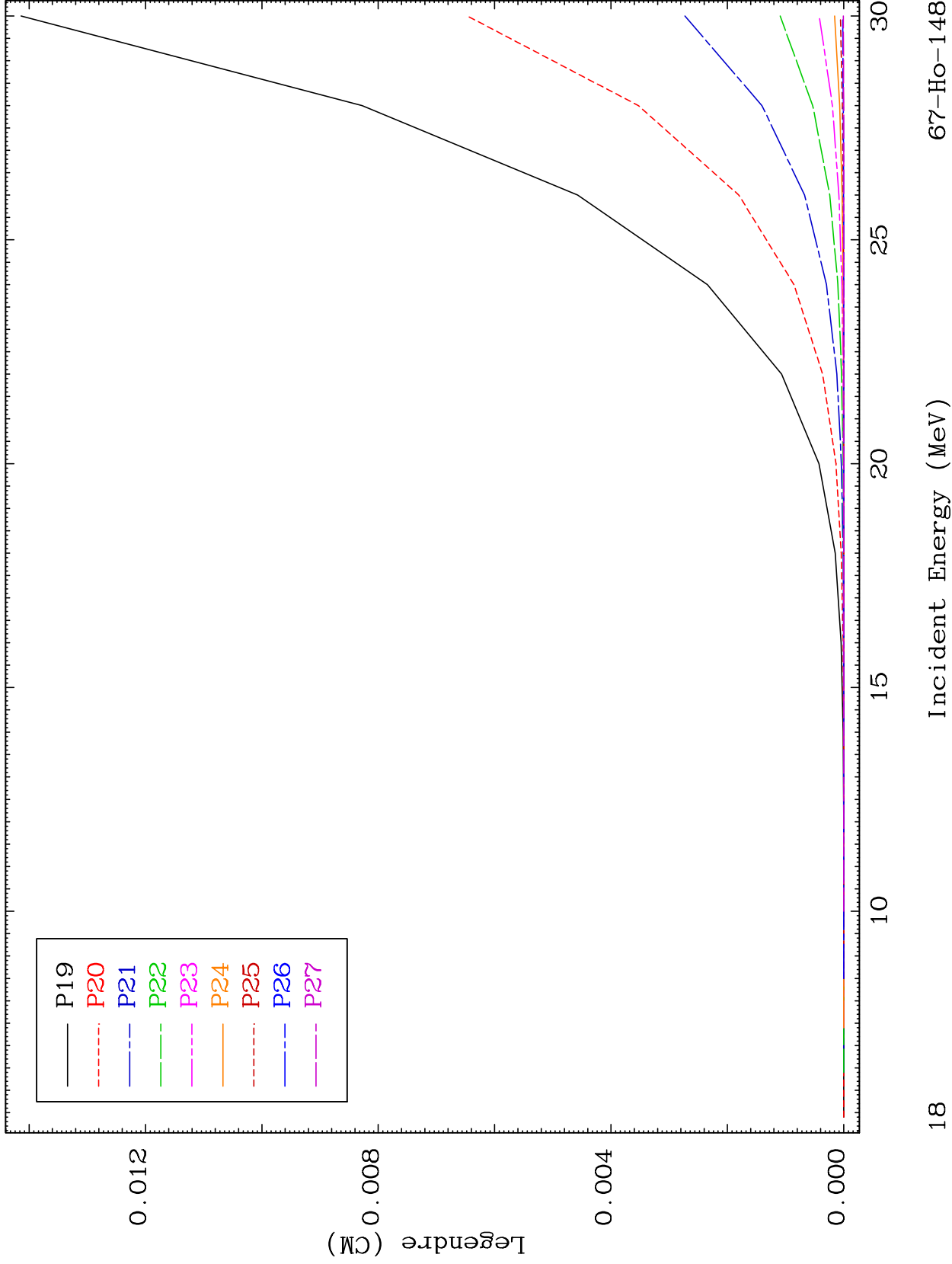
67-Ho-148

Incident Energy (MeV)

MAT 6674

Elastic Legendre Coefficients

67-Ho-148



18

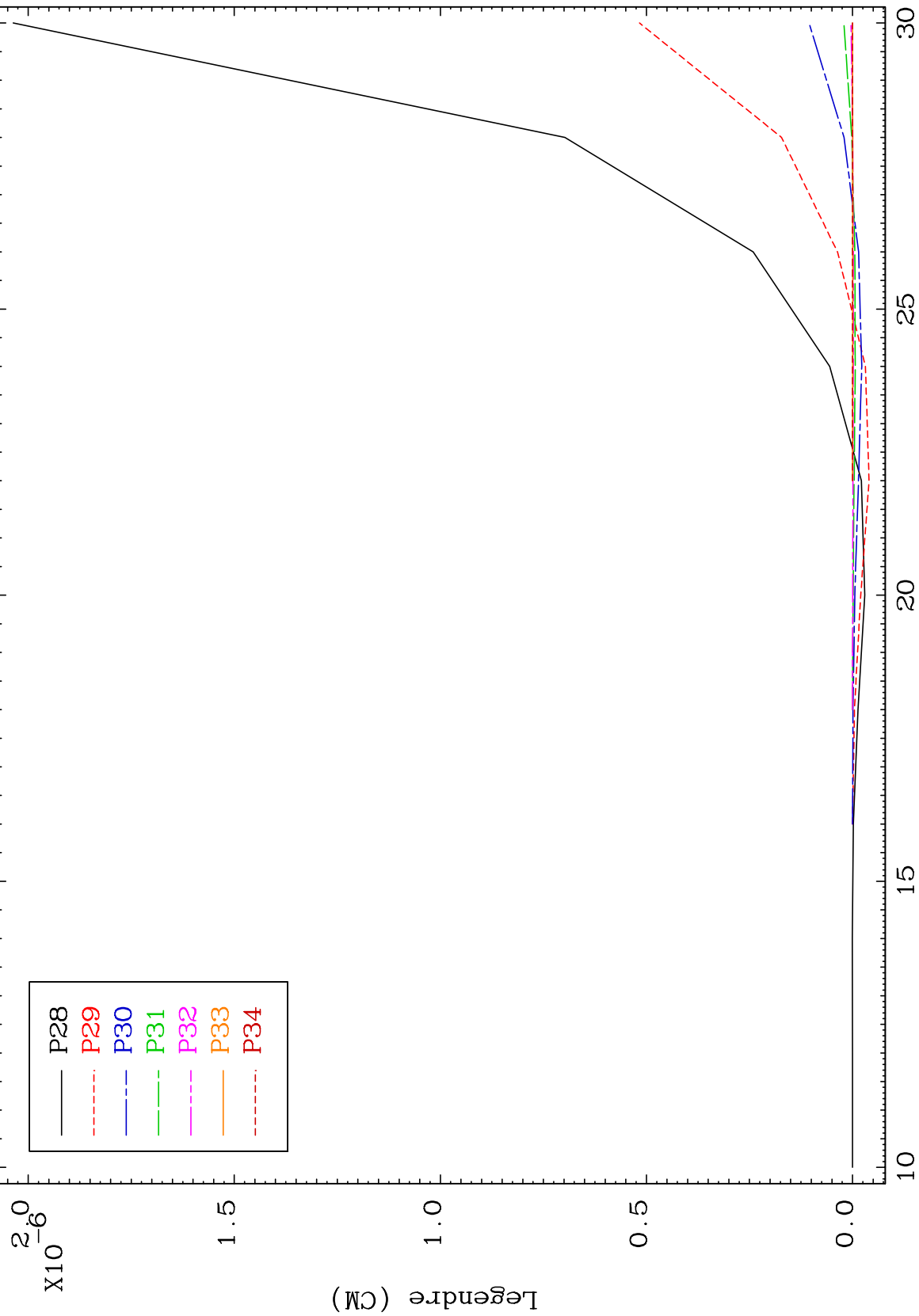
Incident Energy (MeV)

67-Ho-148

MAT 6674

Elastic Legendre Coefficients

67-Ho-148



67-Ho-148

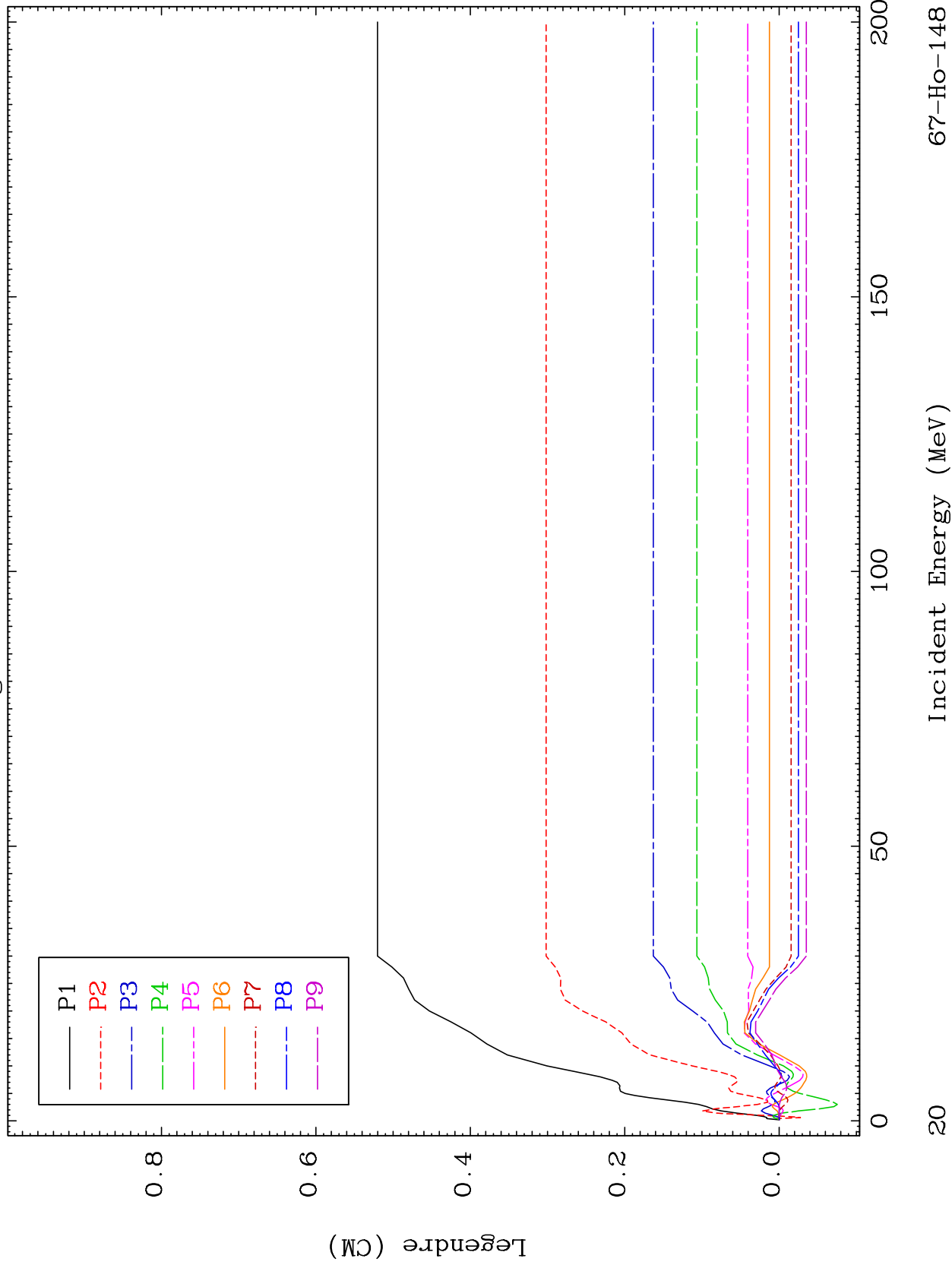
Incident Energy (MeV)

19

MAT 6674

141.7 keV (n,n') Level
Legendre Coefficients

67-Ho-148



67-Ho-148

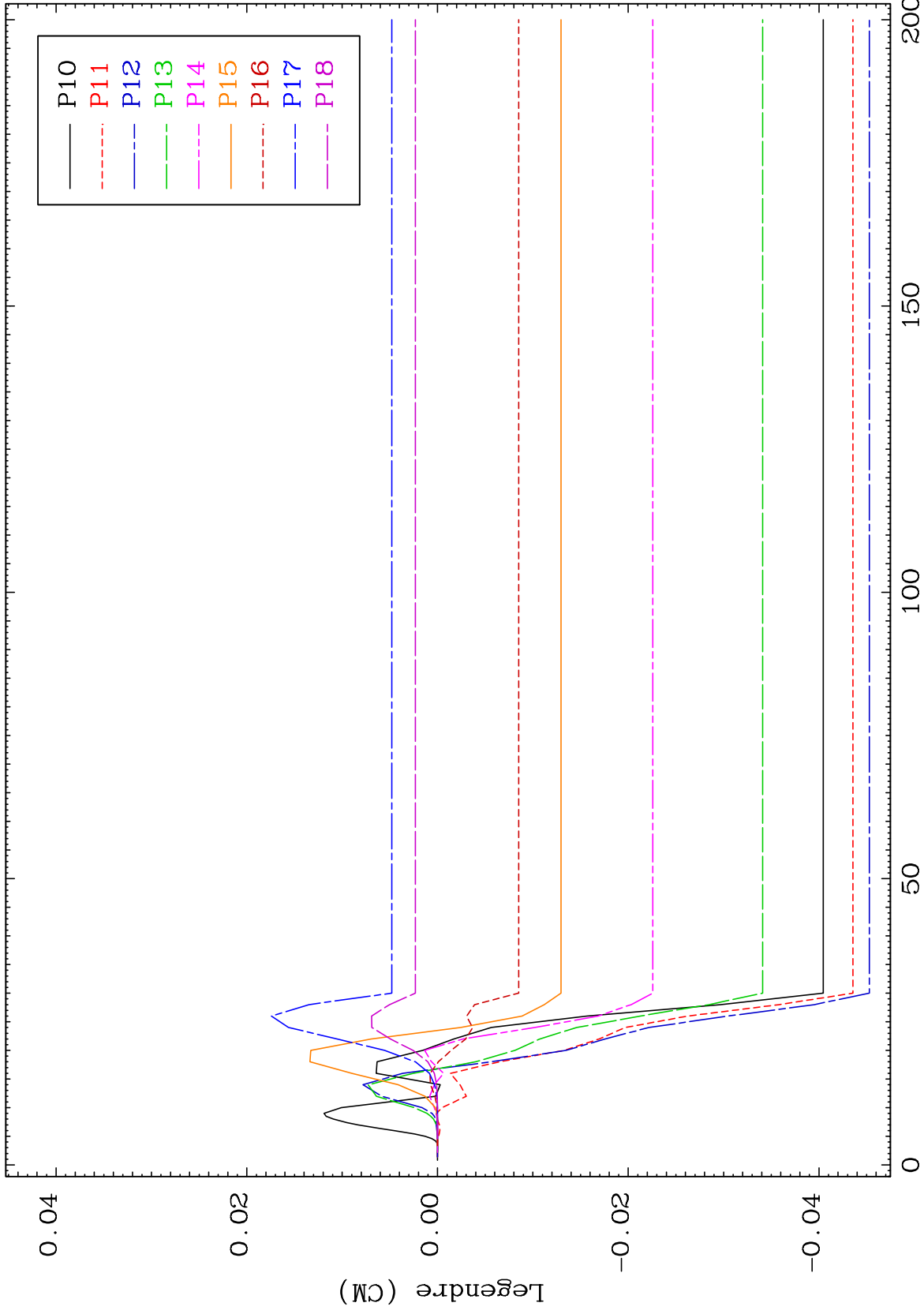
Incident Energy (MeV)

20

MAT 6674

141.7 keV (n,n') Level
Legendre Coefficients

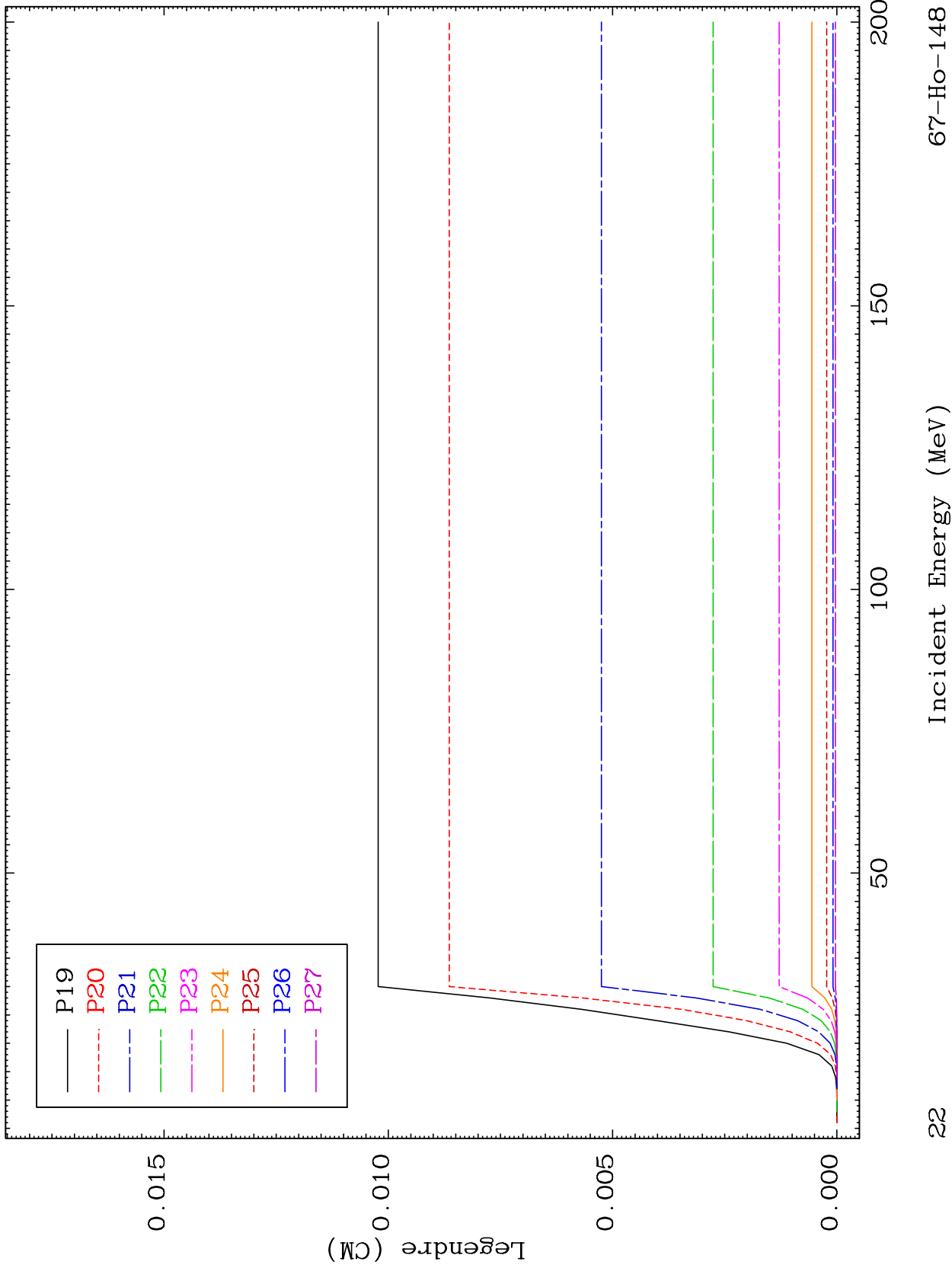
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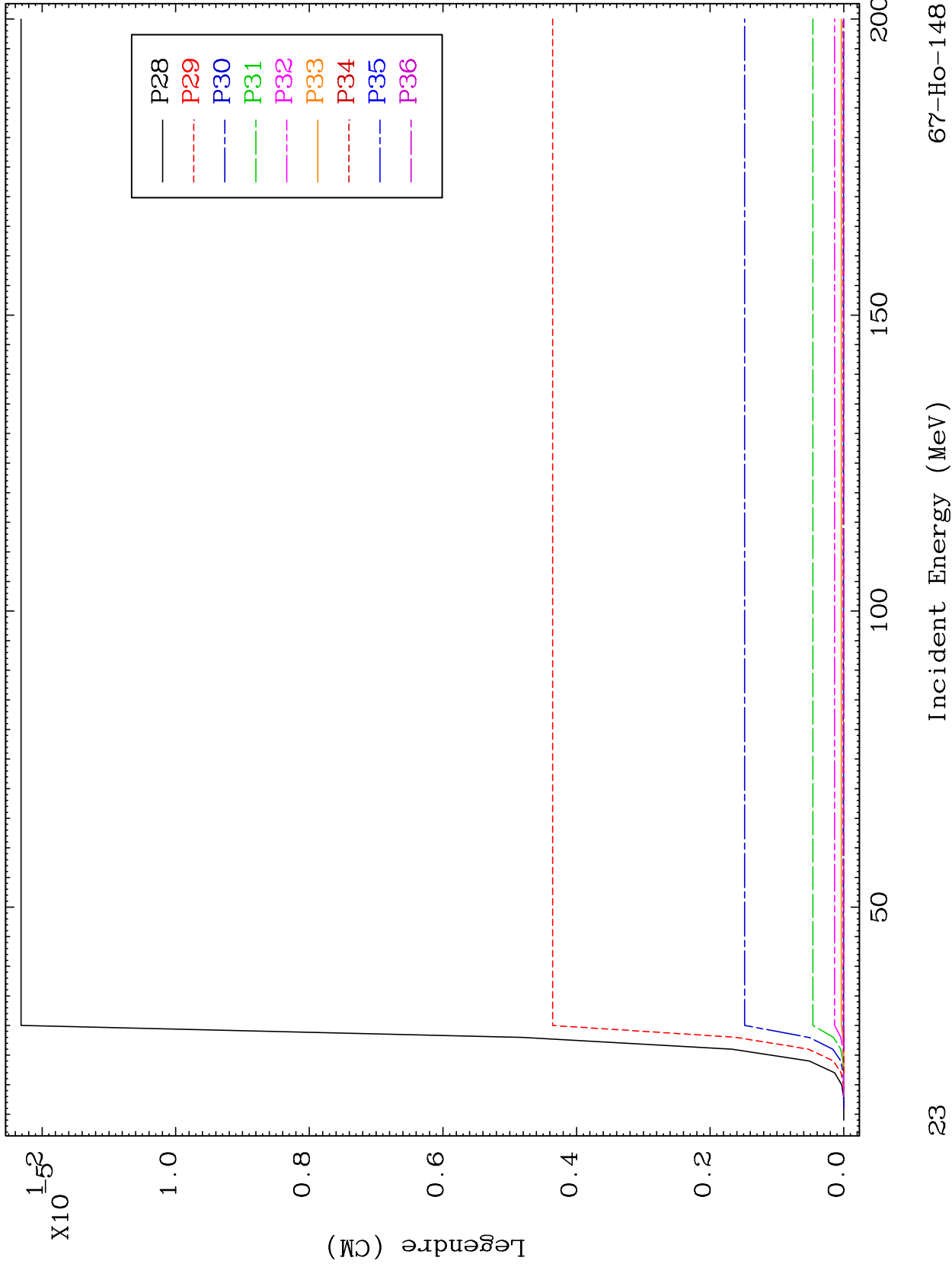


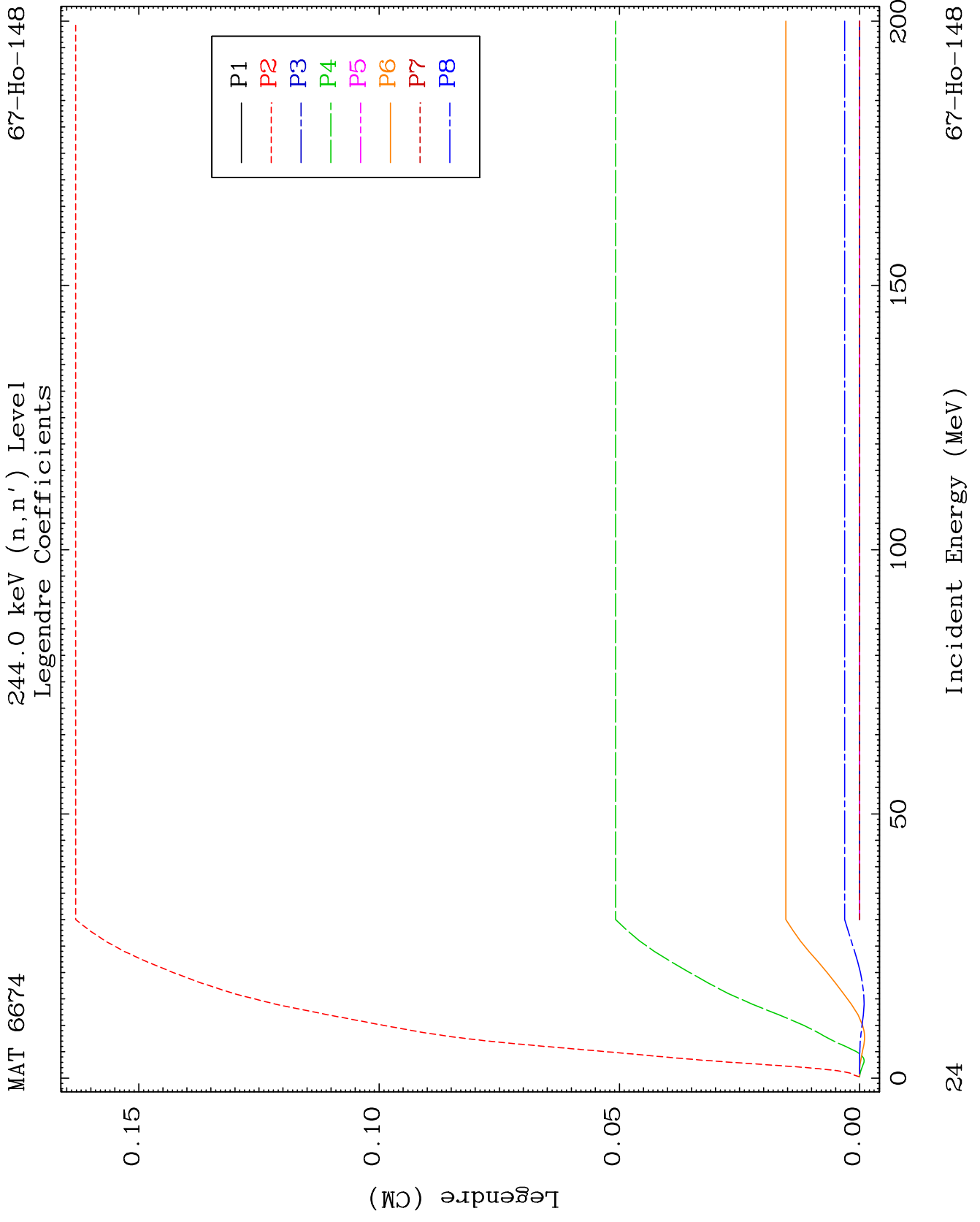
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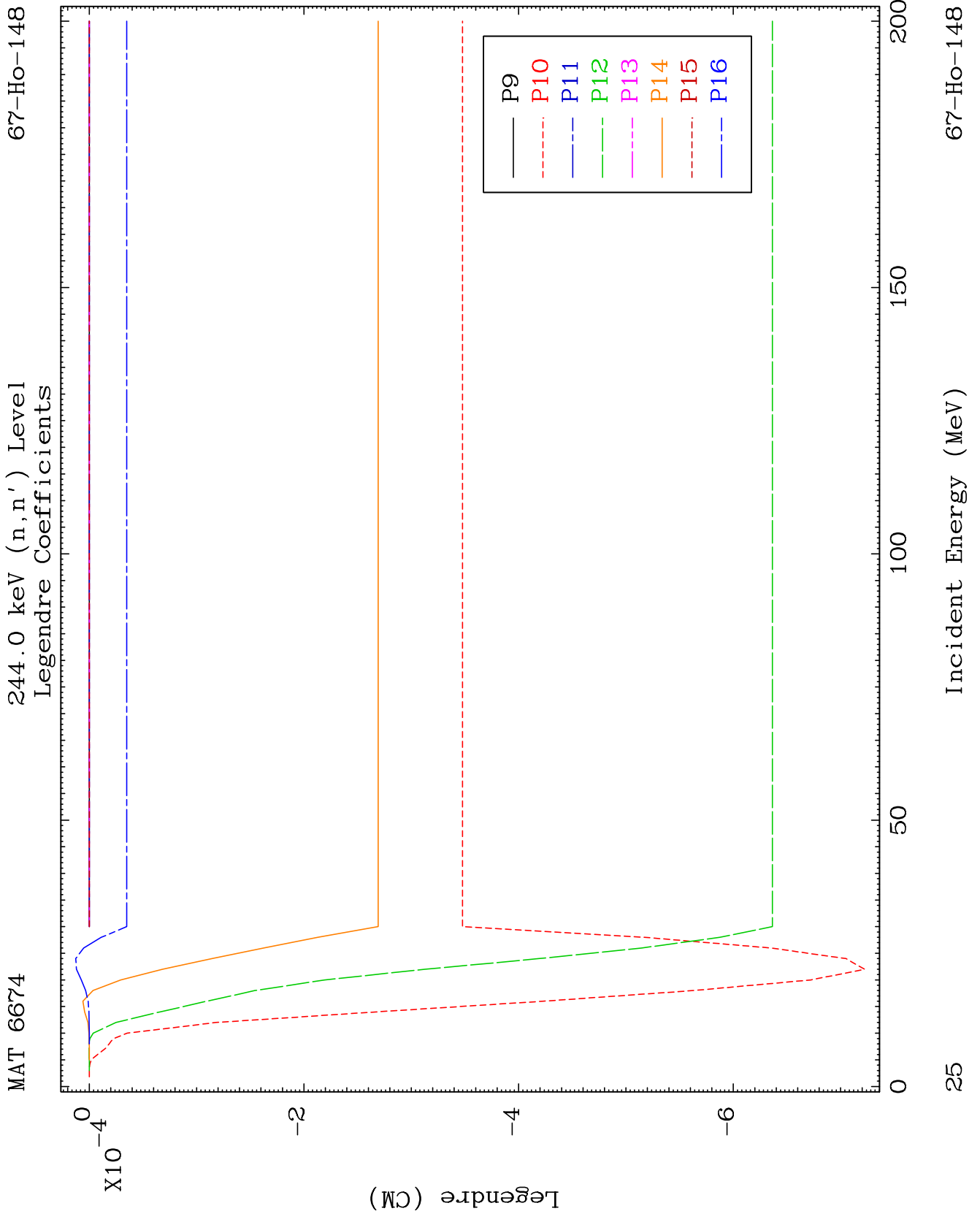
Incident Energy (MeV)

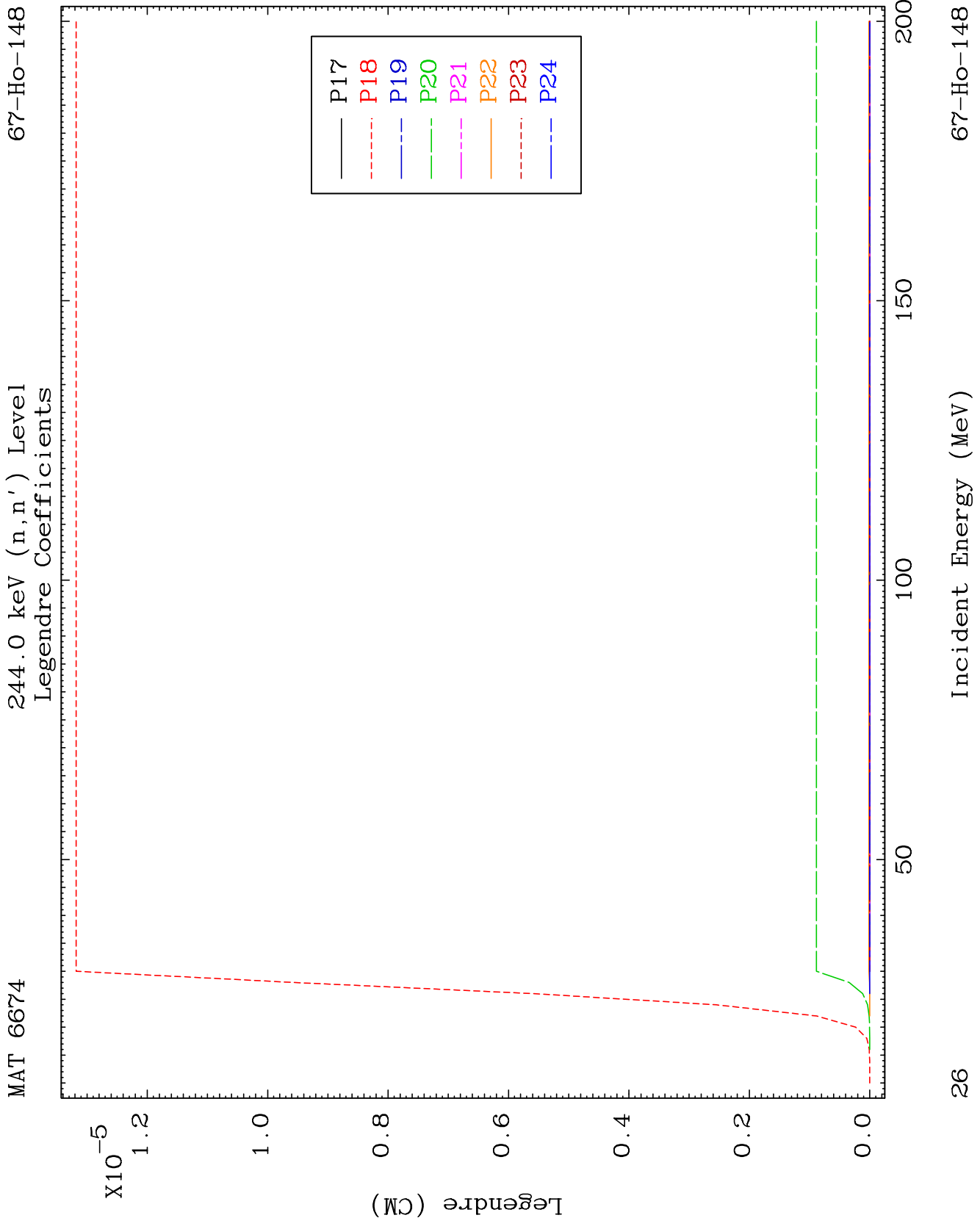
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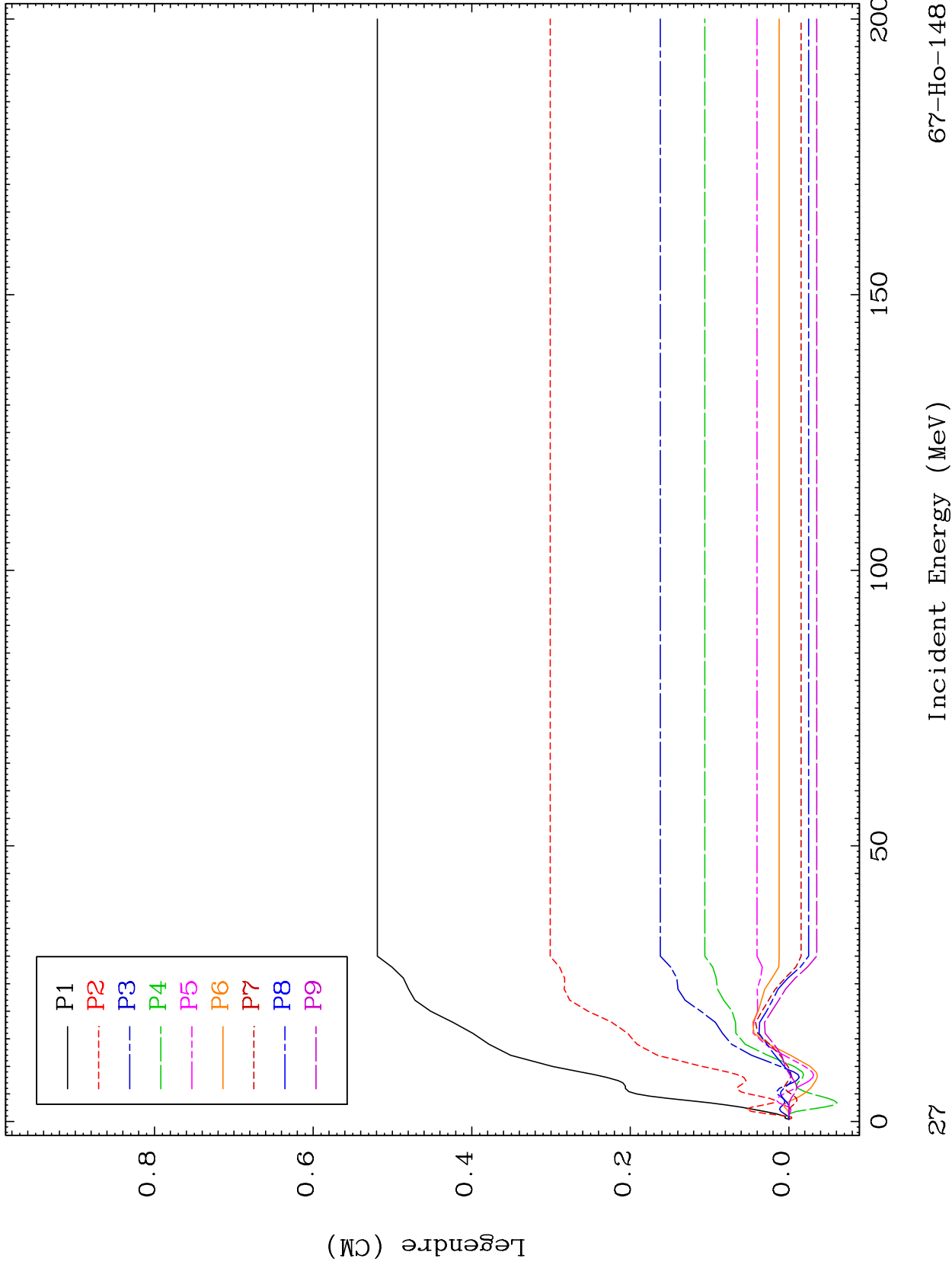




MAT 6674

315.3 keV (n, n') Level
Legendre Coefficients

67-Ho-148



27

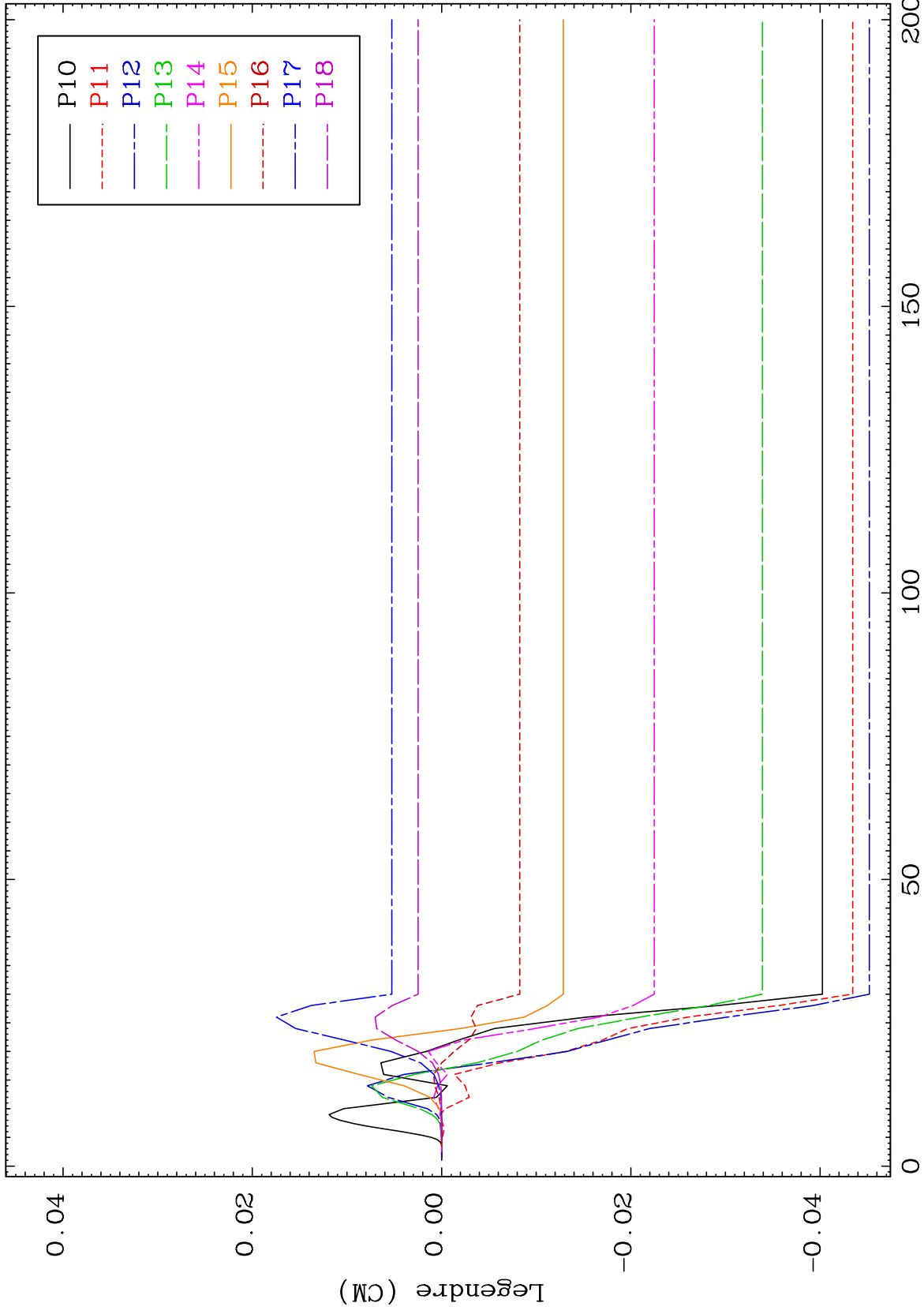
Incident Energy (MeV)

67-Ho-148

MAT 6674

315.3 keV (n,n') Level
Legendre Coefficients

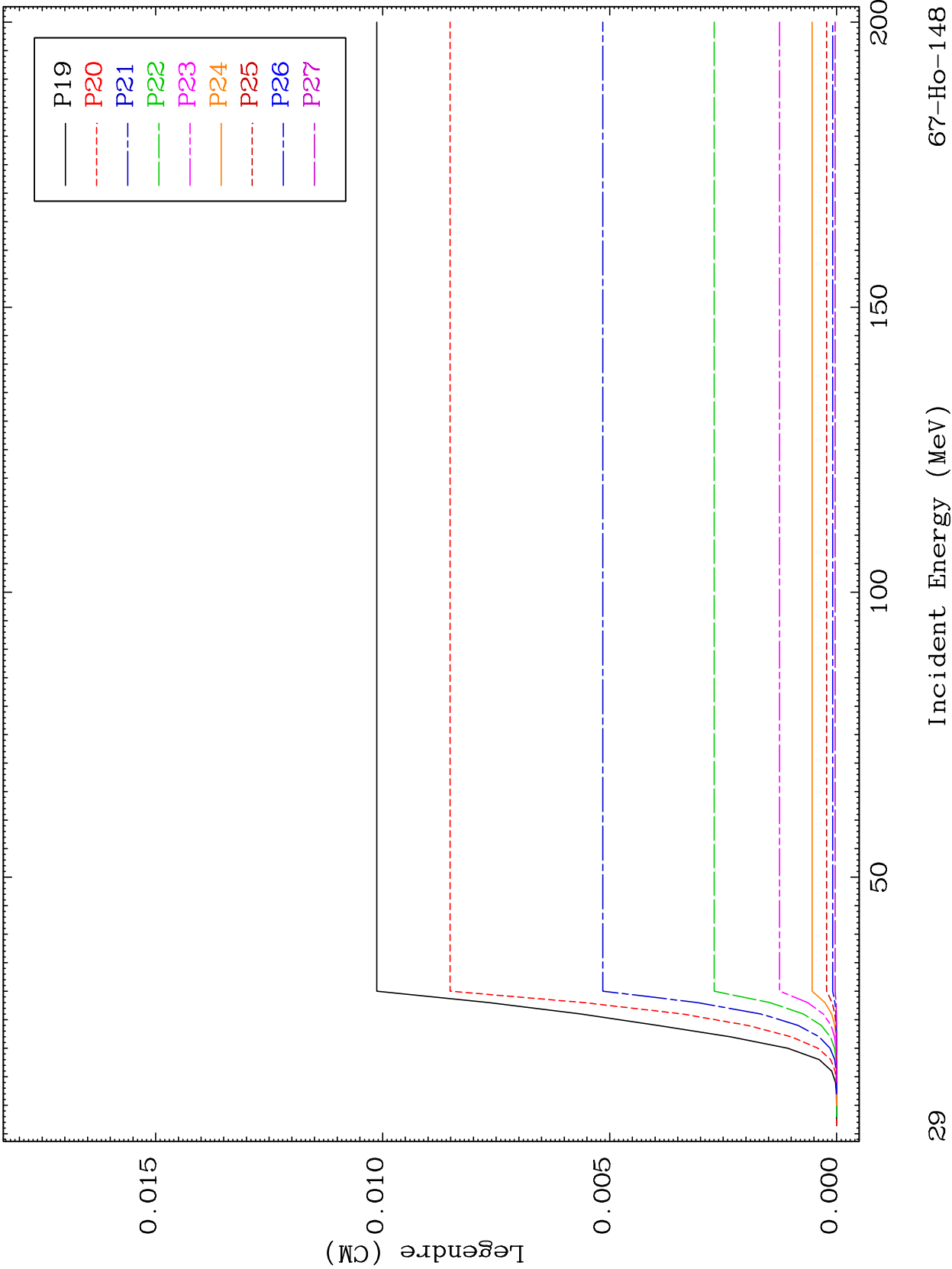
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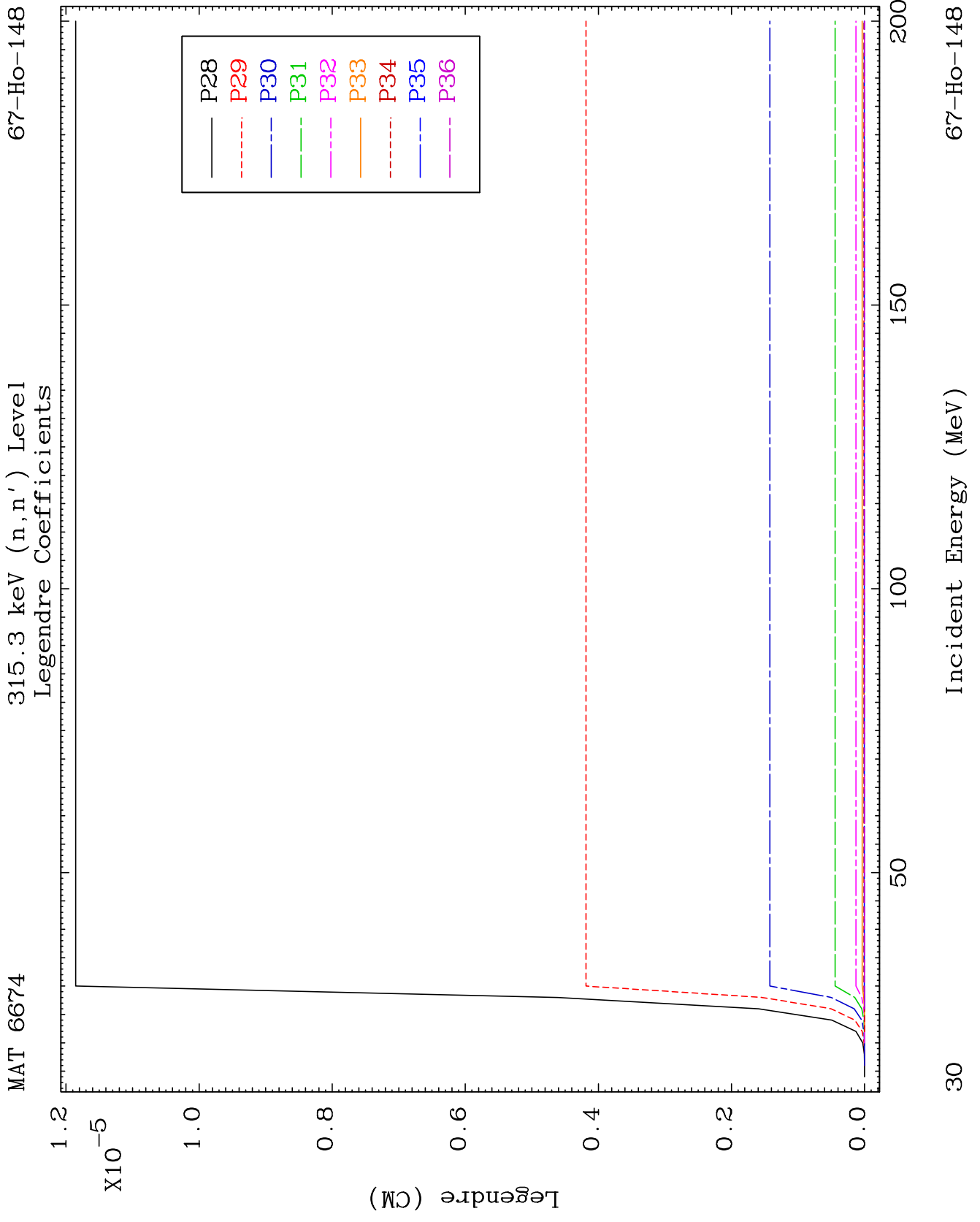


28

Incident Energy (MeV)

67-Ho-148

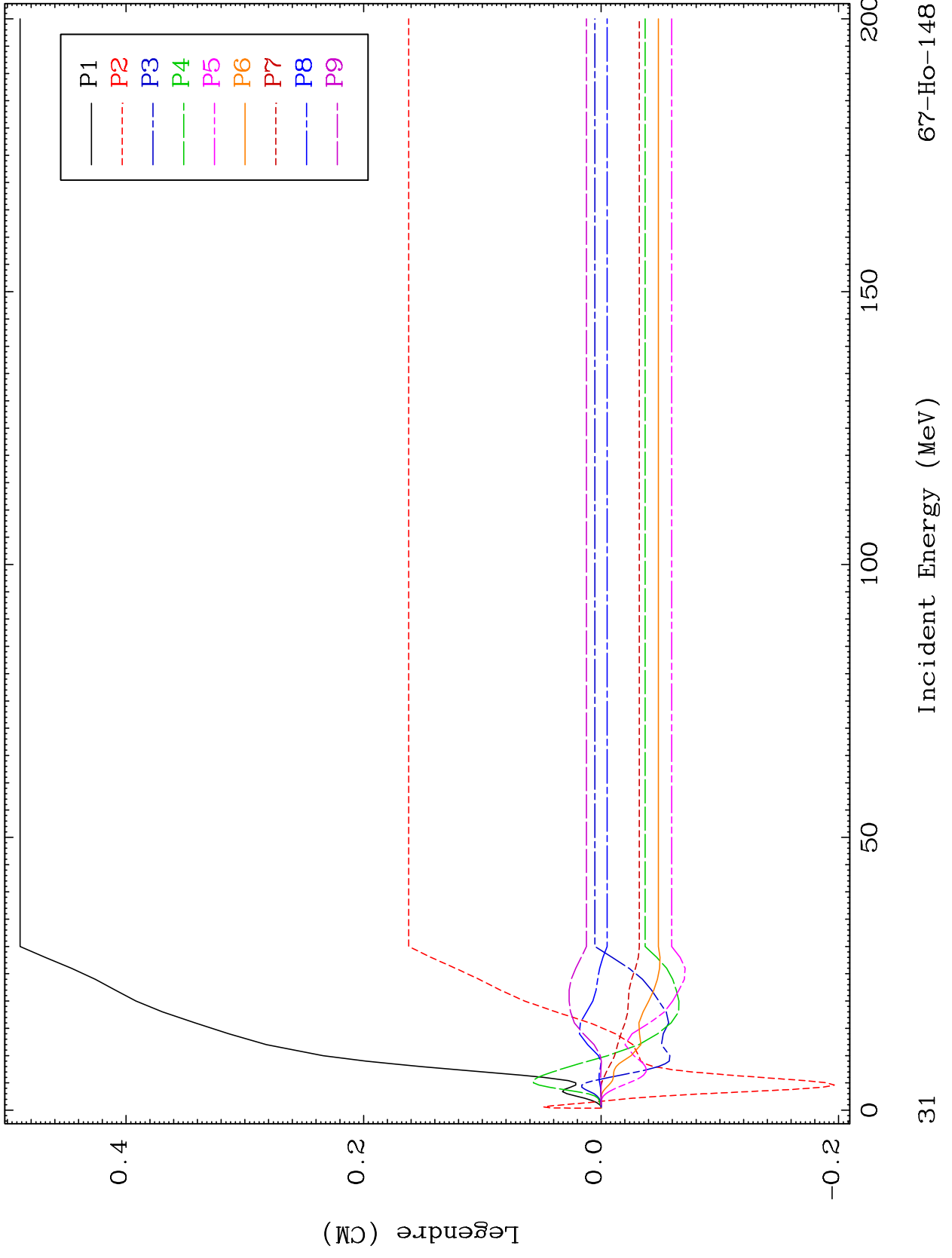




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350.0 keV (n,n') Level
Legendre Coefficients

67-Ho-148



31

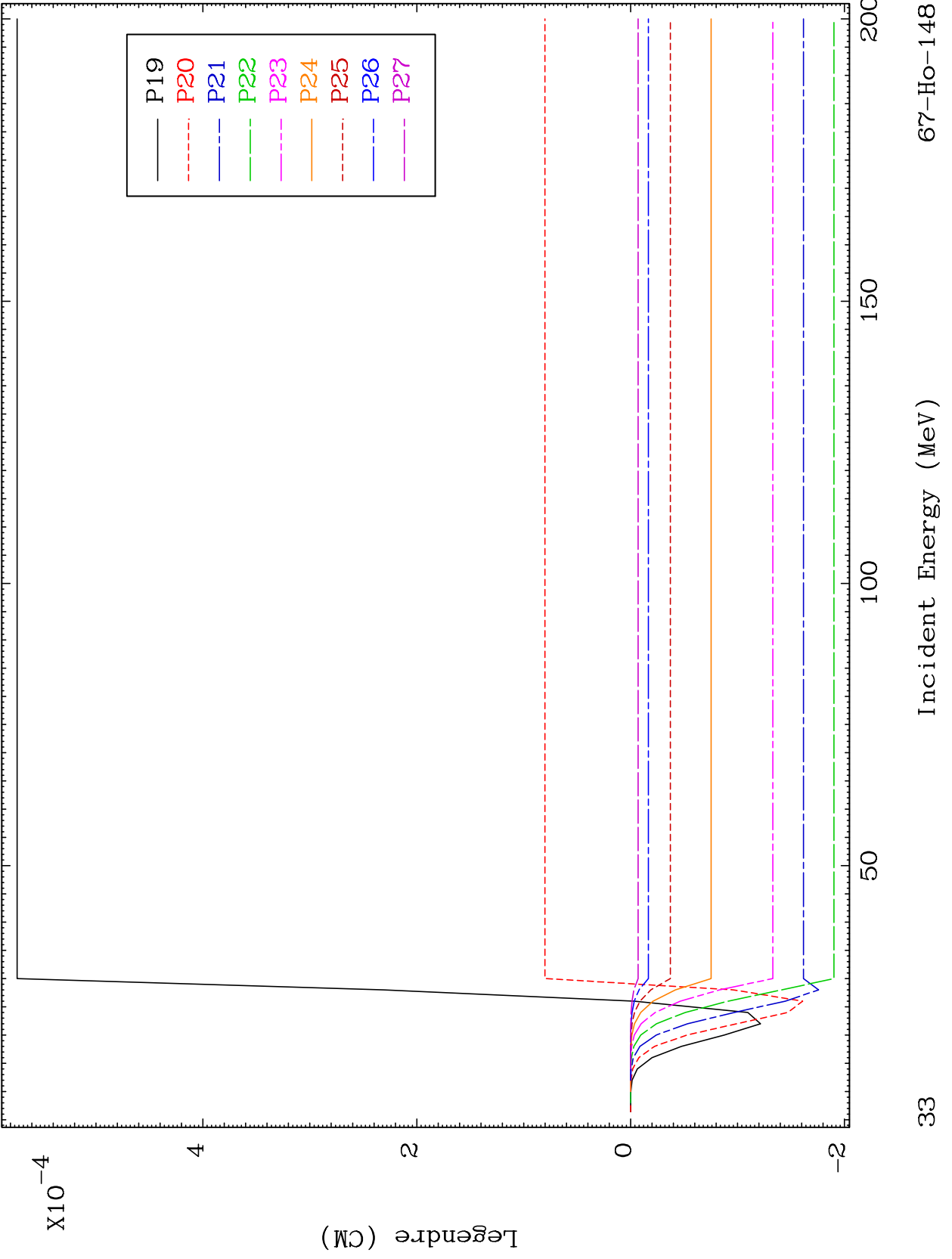
Incident Energy (MeV)

67-Ho-148

MAT 6674

350.0 keV (n,n') Level
Legendre Coefficients

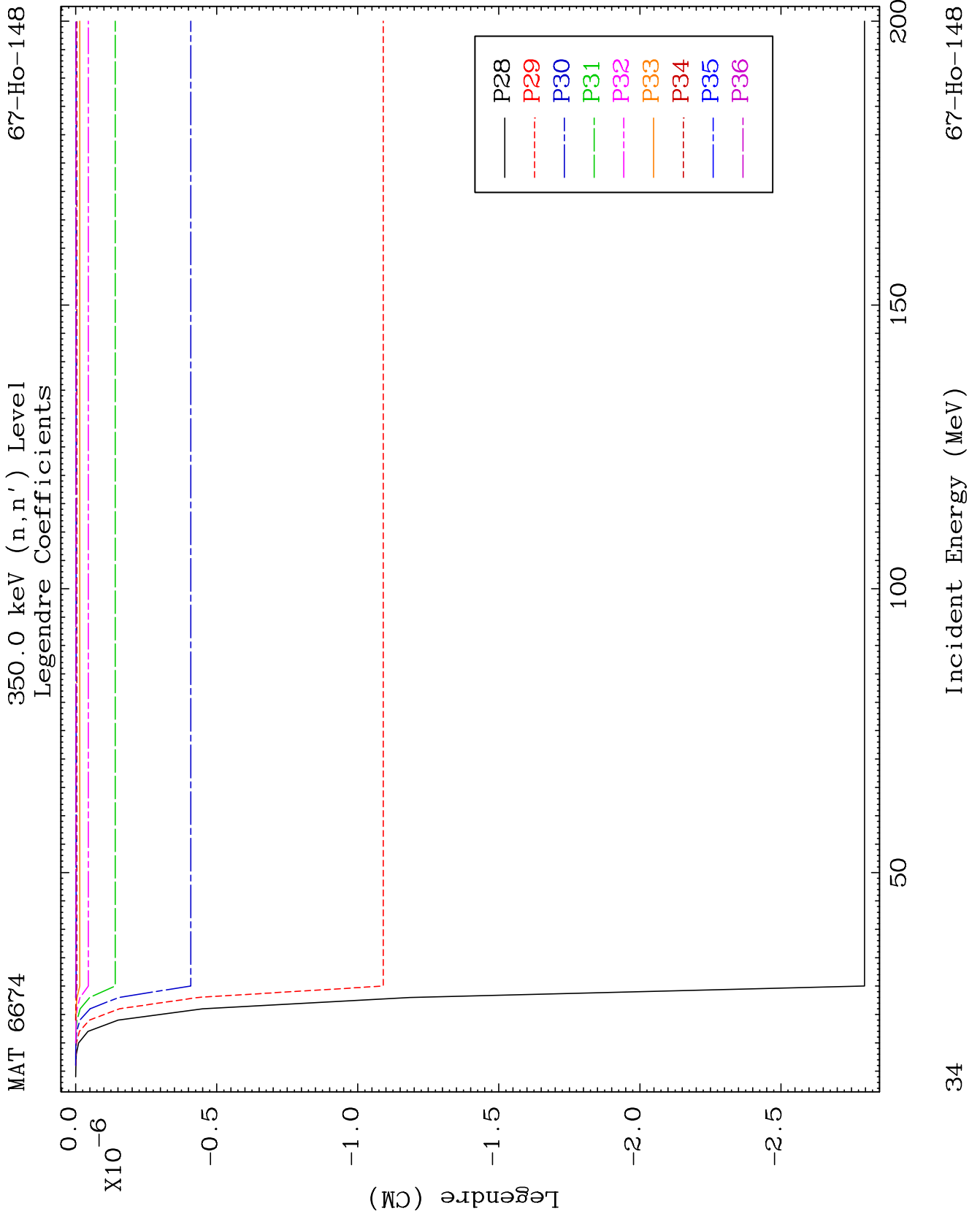
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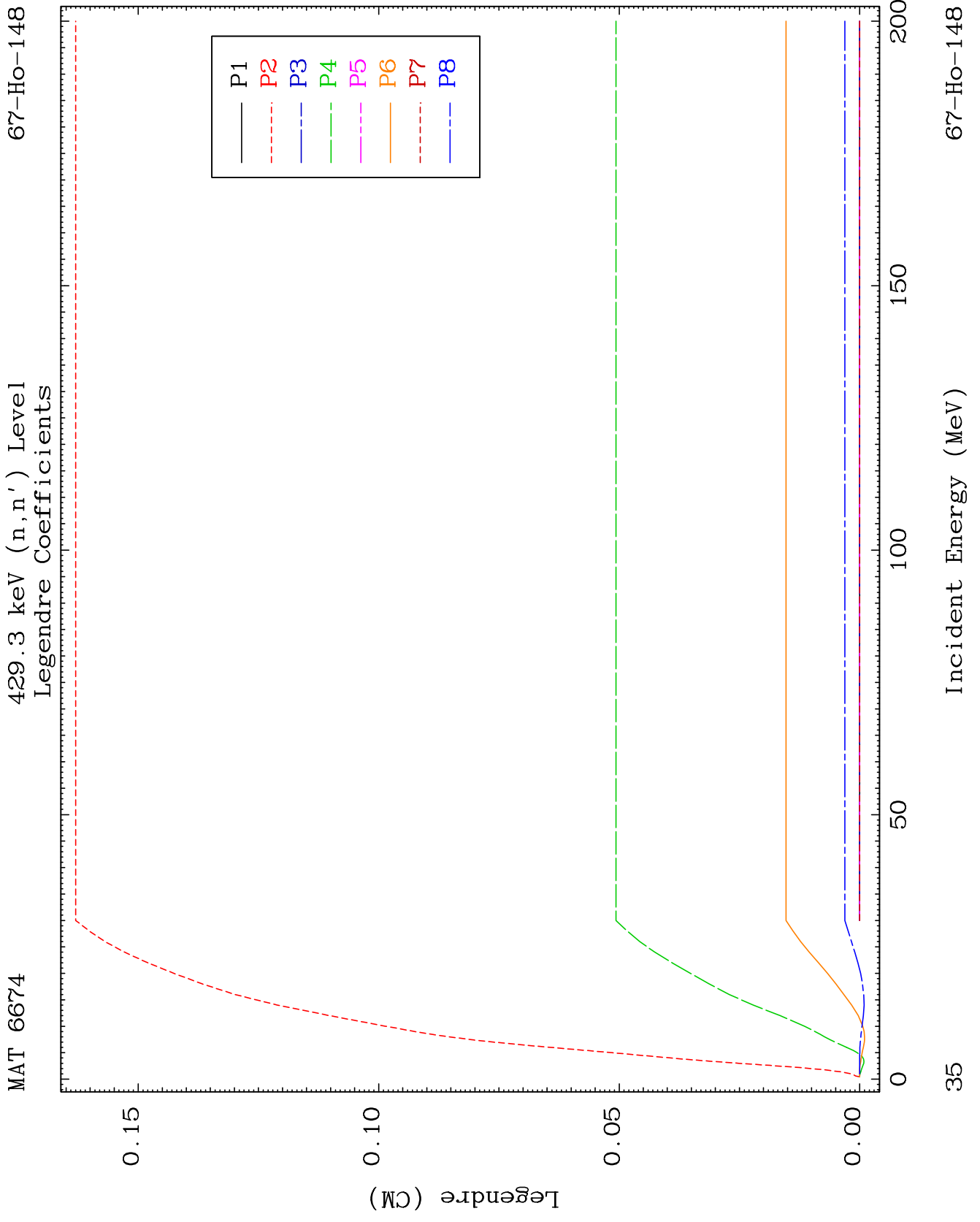


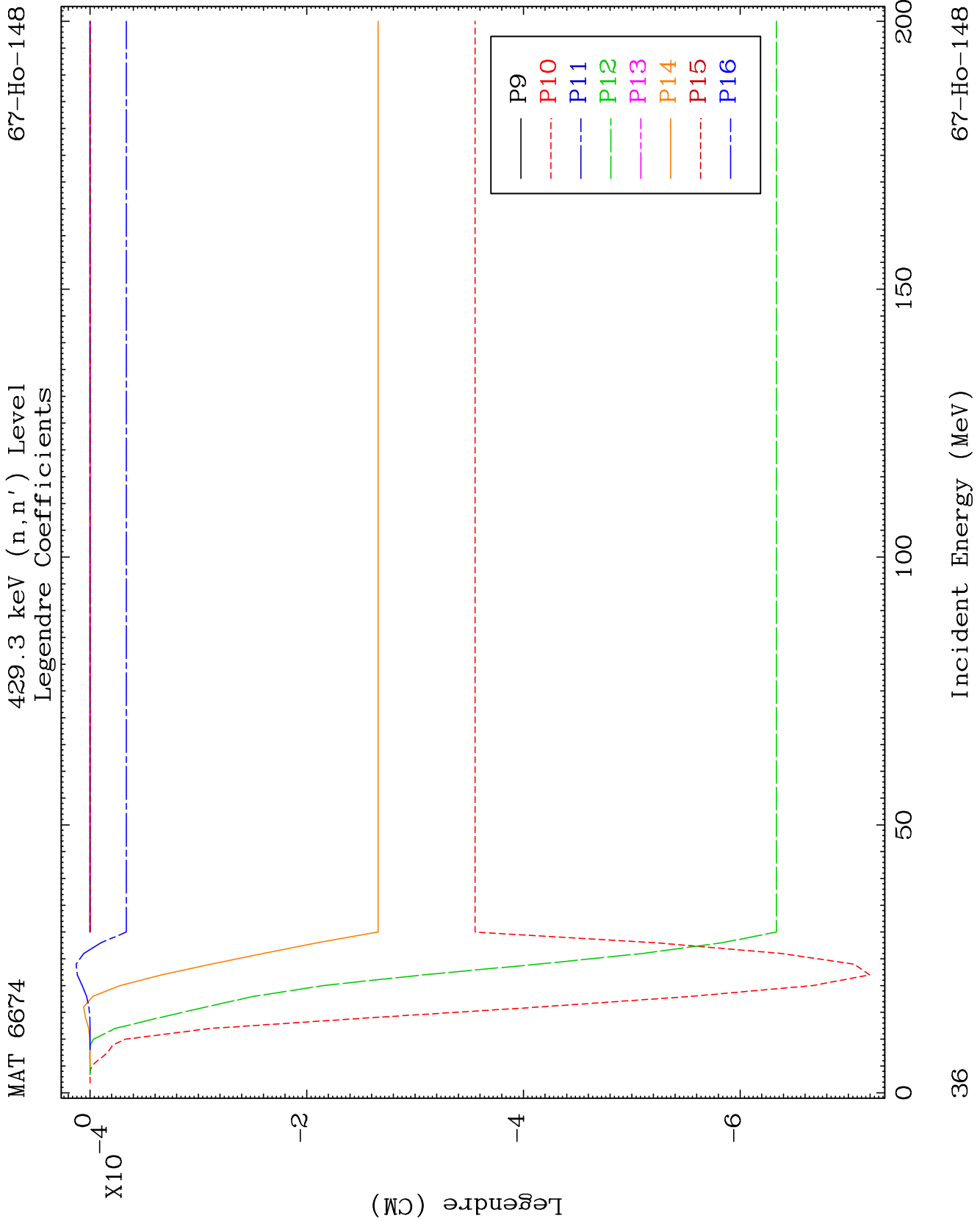
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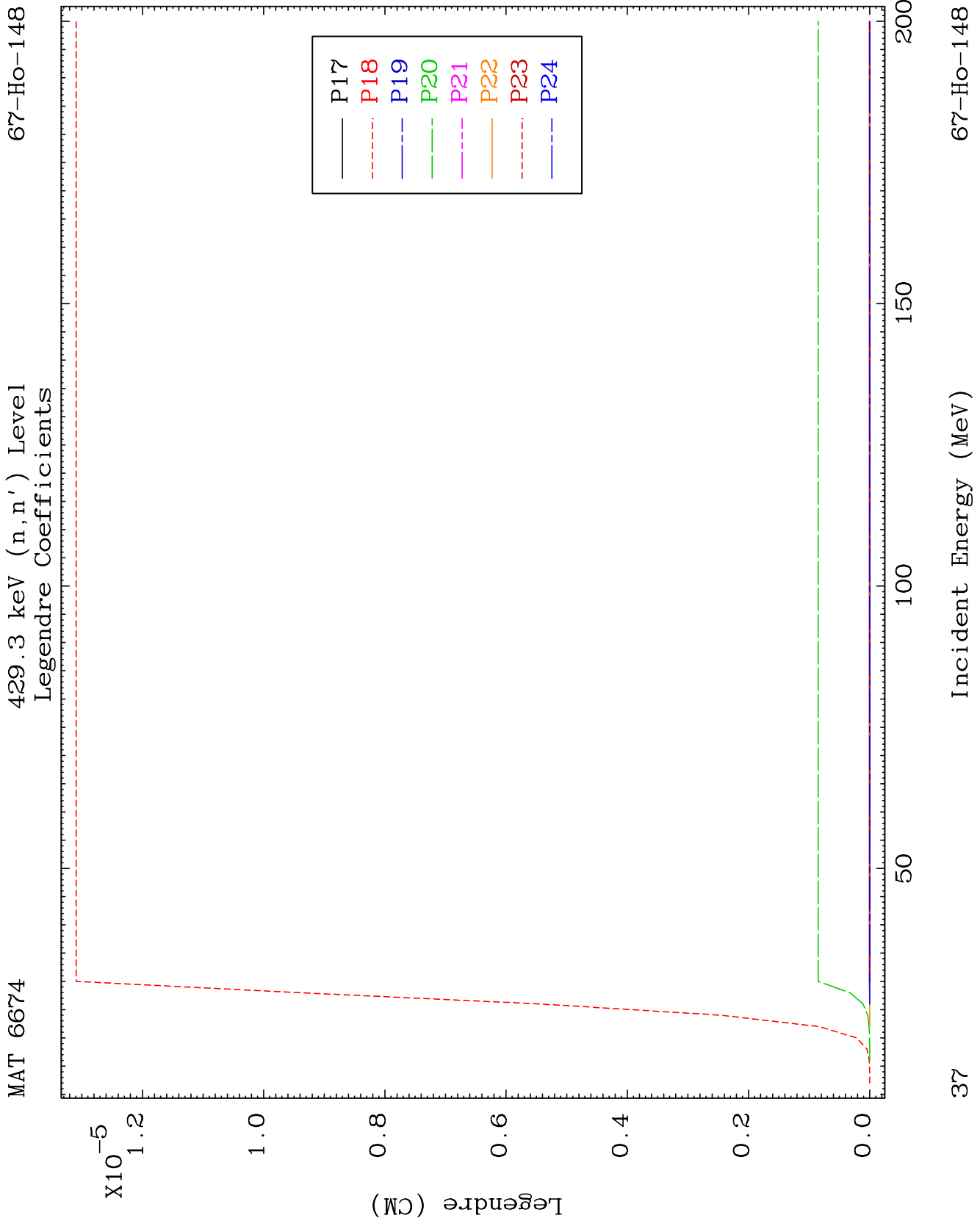
Incident Energy (MeV)

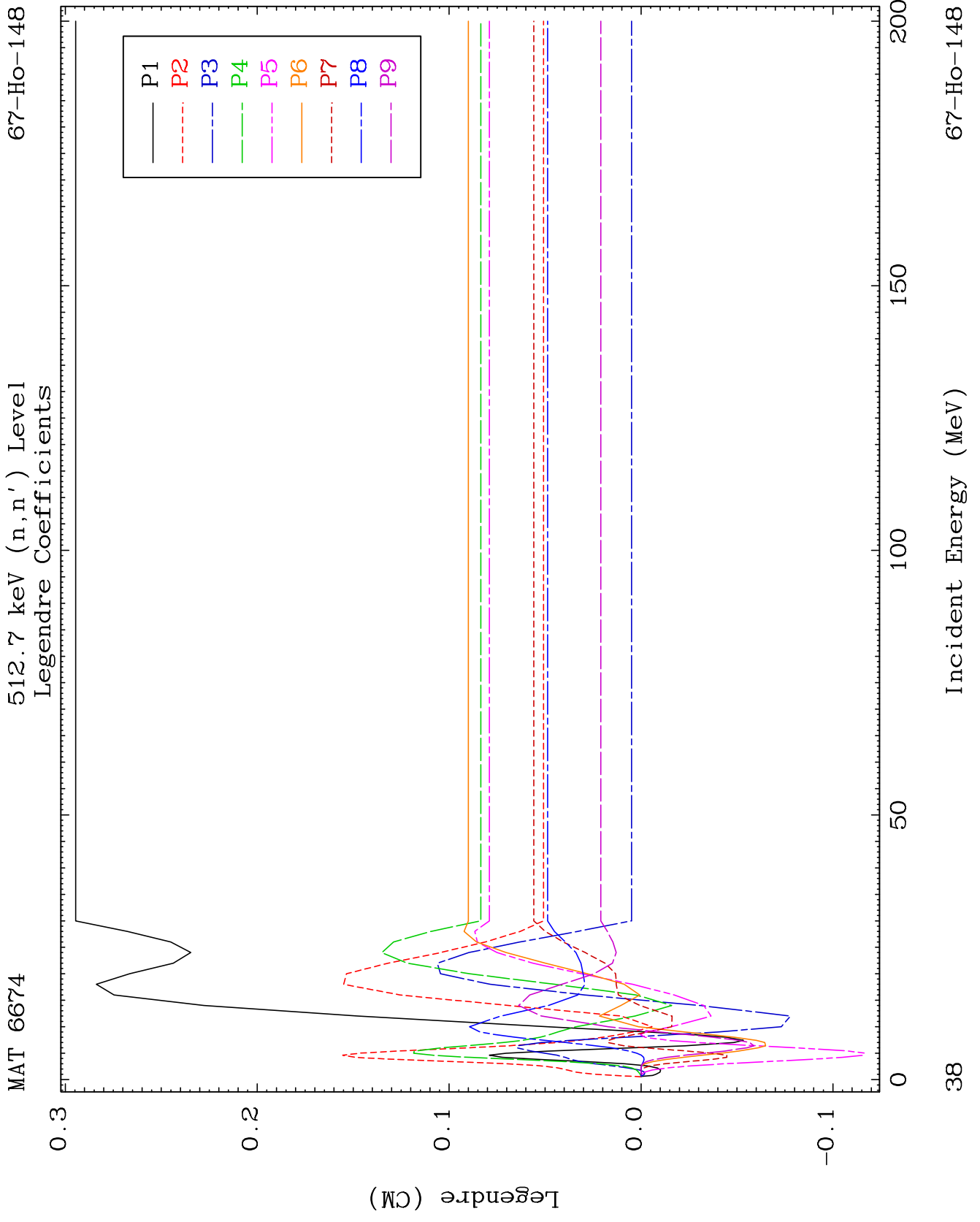
67-Ho-148







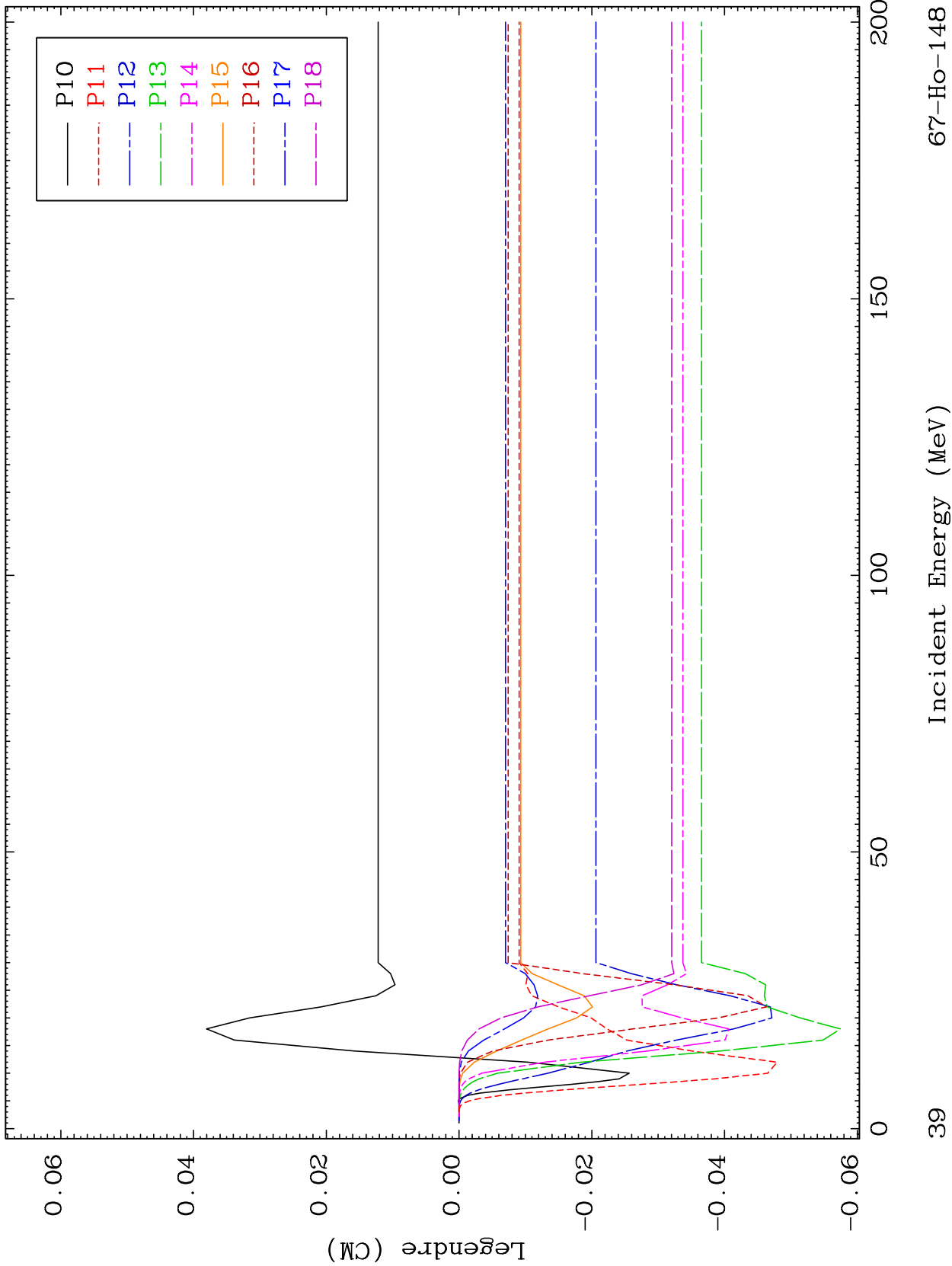




MAT 6674

512.7 keV (n,n') Level
Legendre Coefficients

67-Ho-148



39

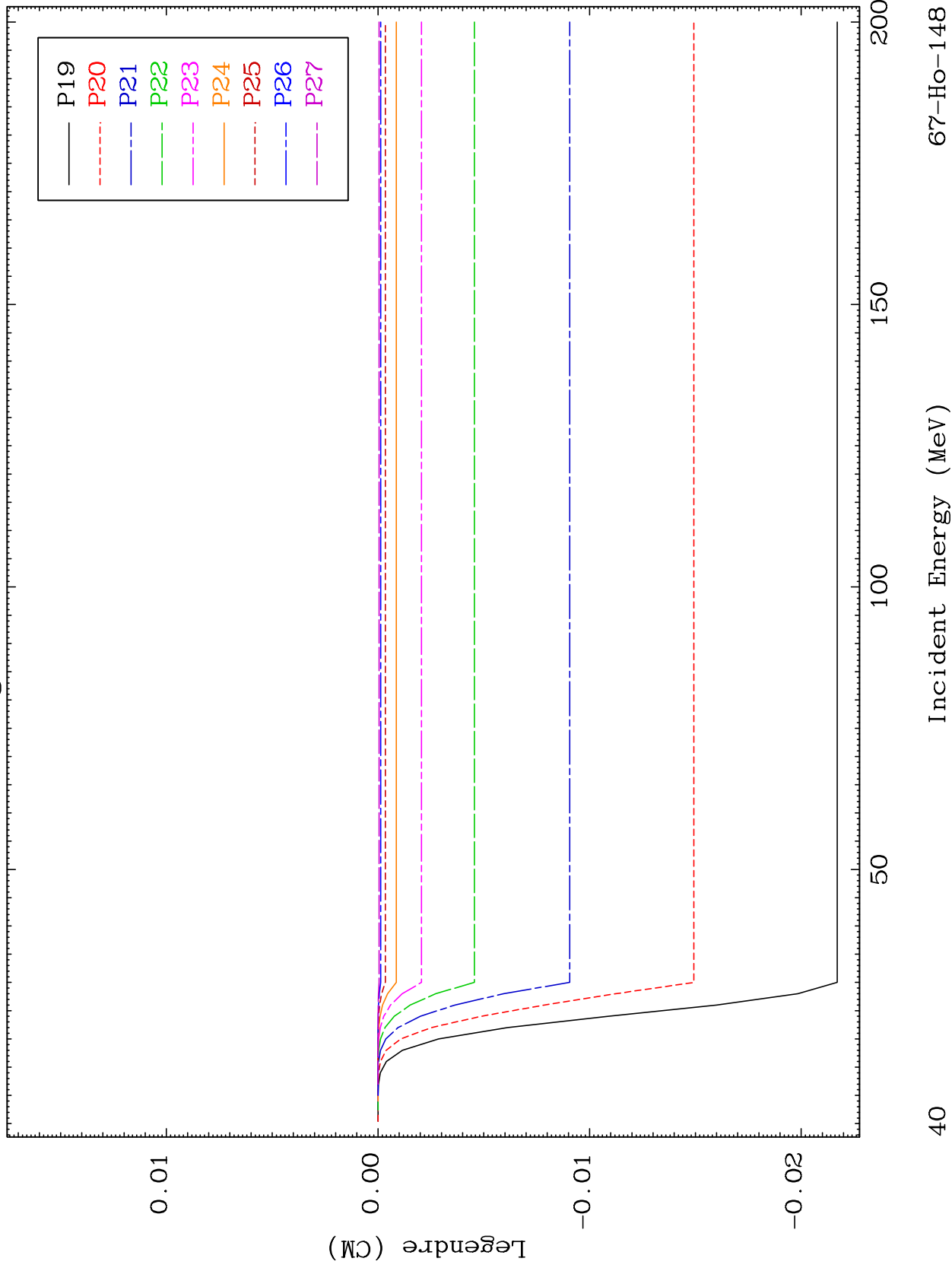
Incident Energy (MeV)

67-Ho-148

MAT 6674

512.7 keV (n,n') Level
Legendre Coefficients

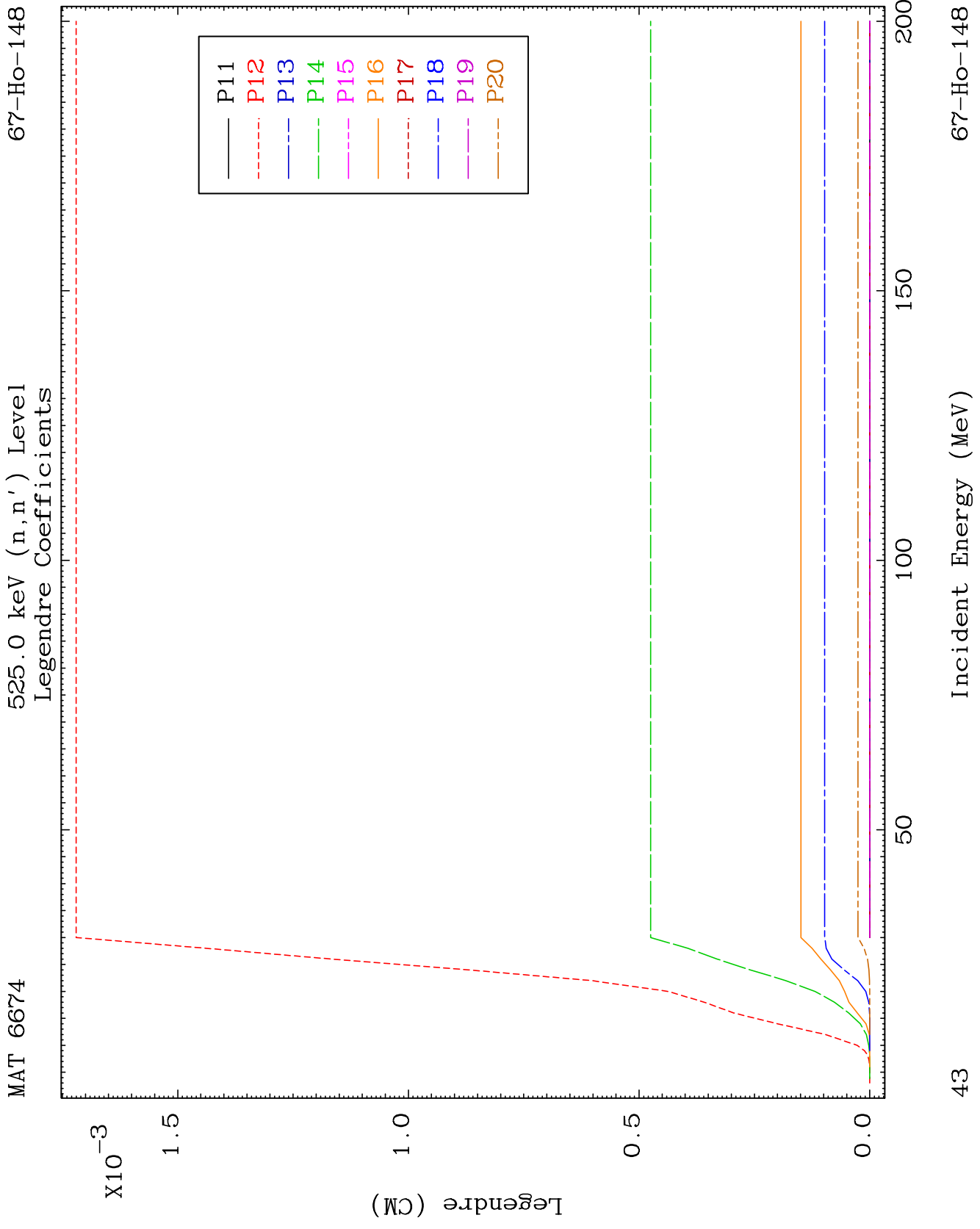
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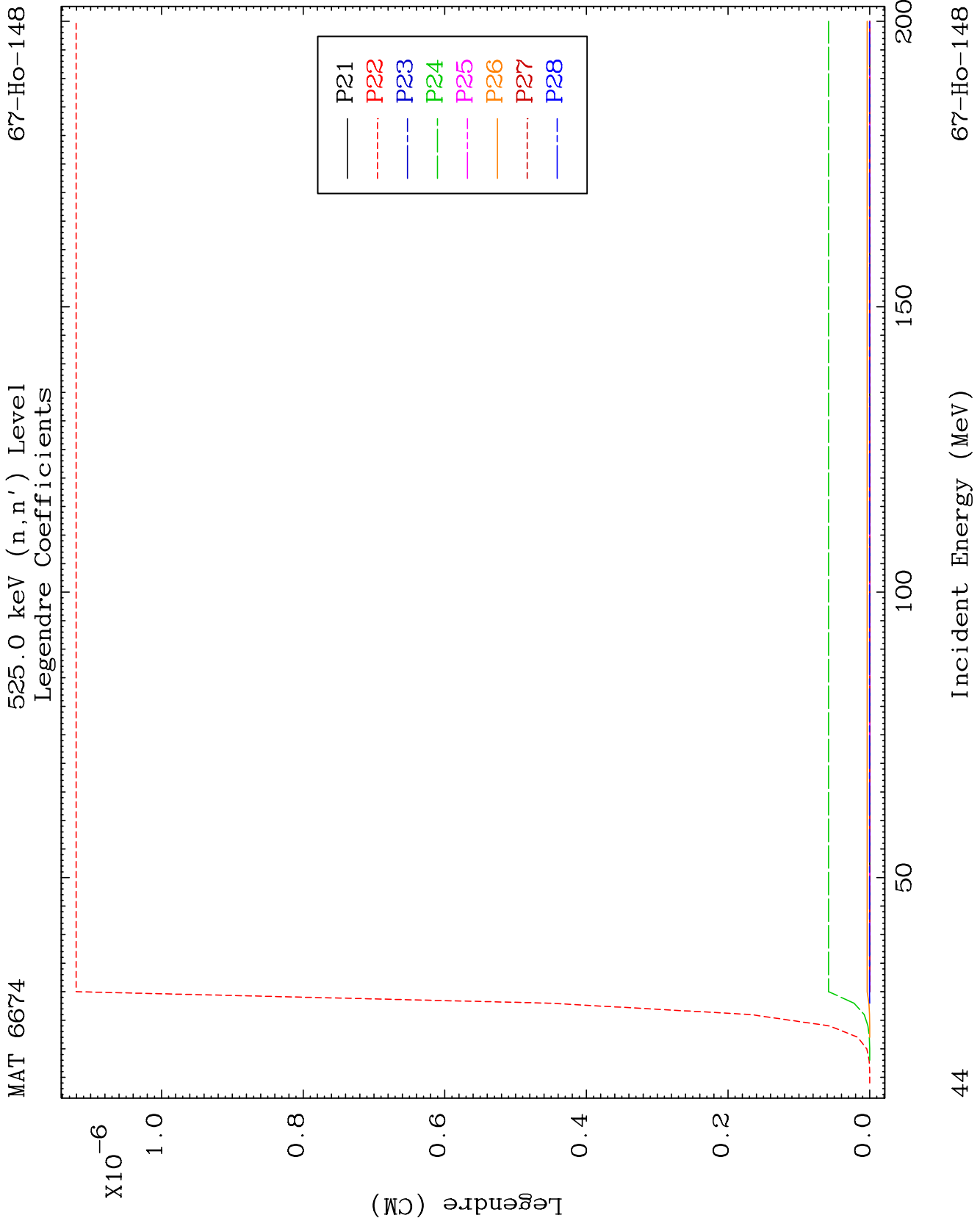


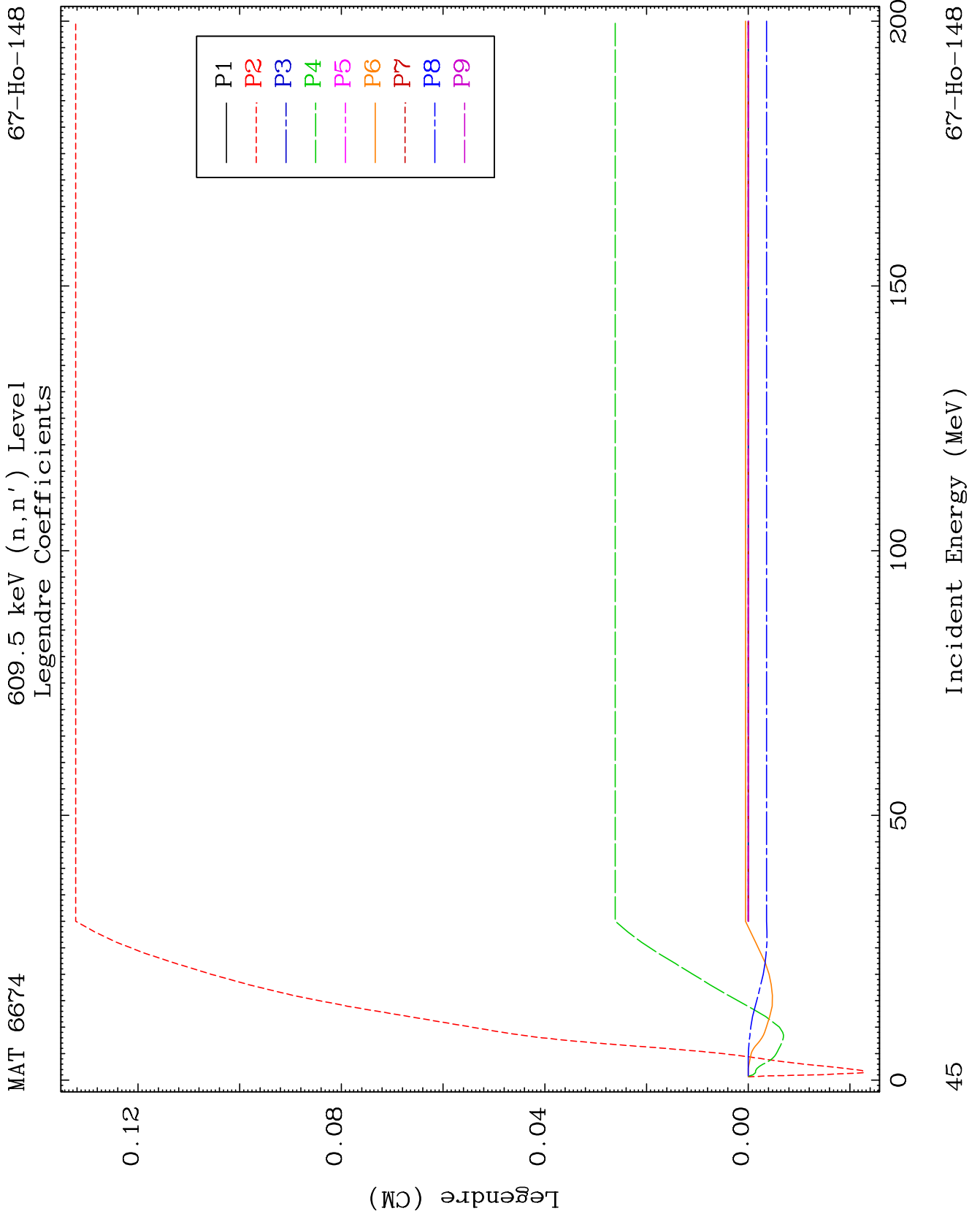
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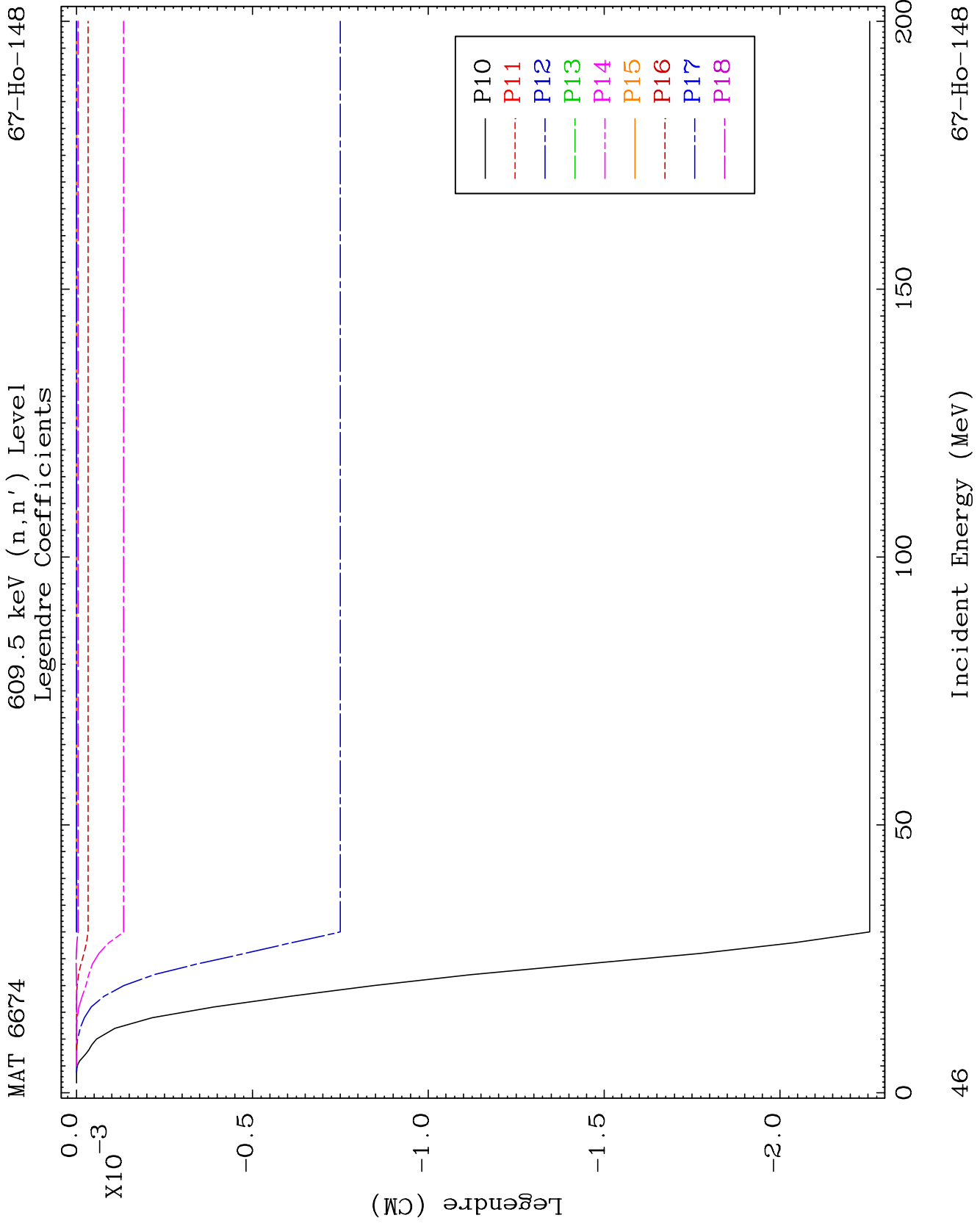
Incident Energy (MeV)

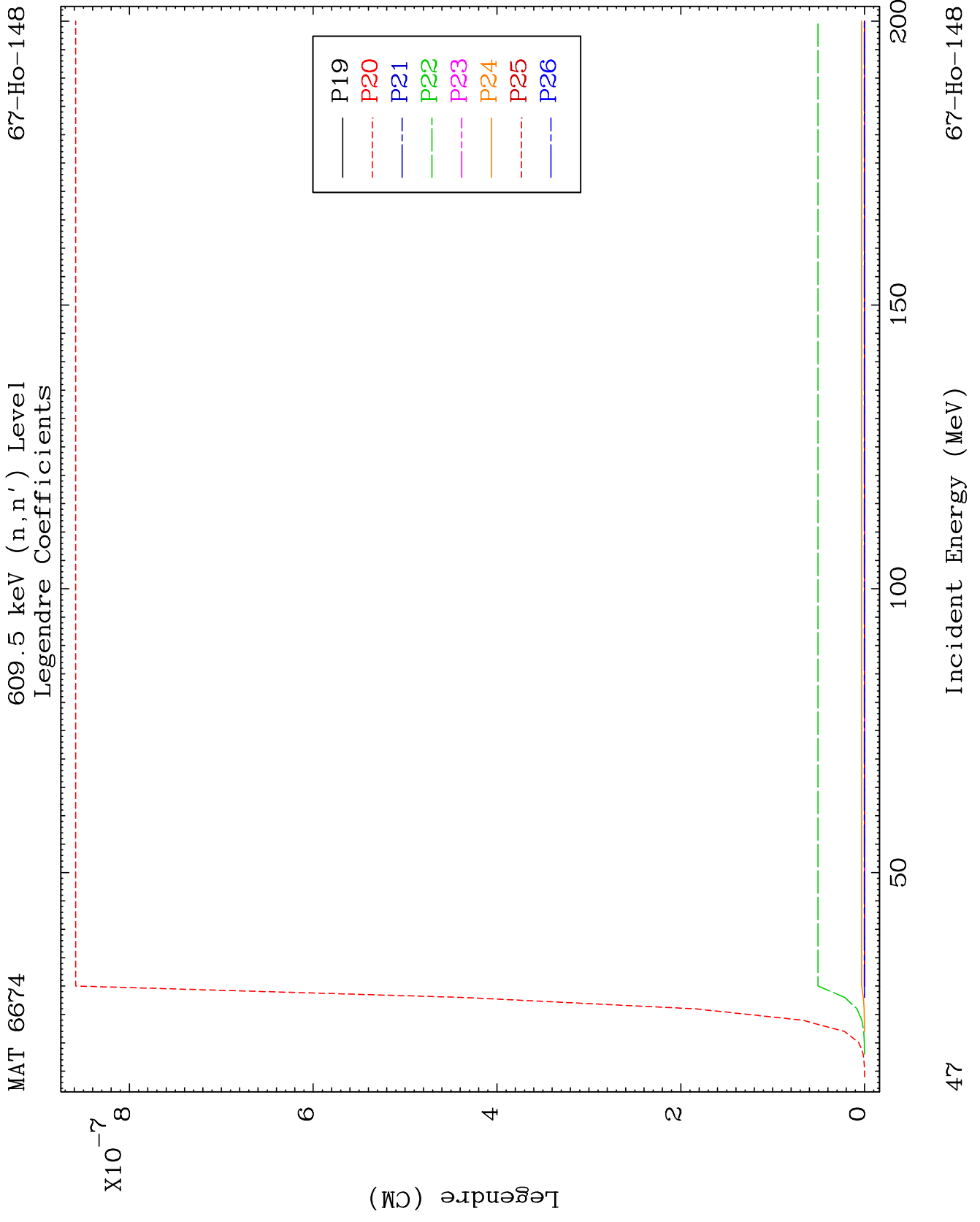
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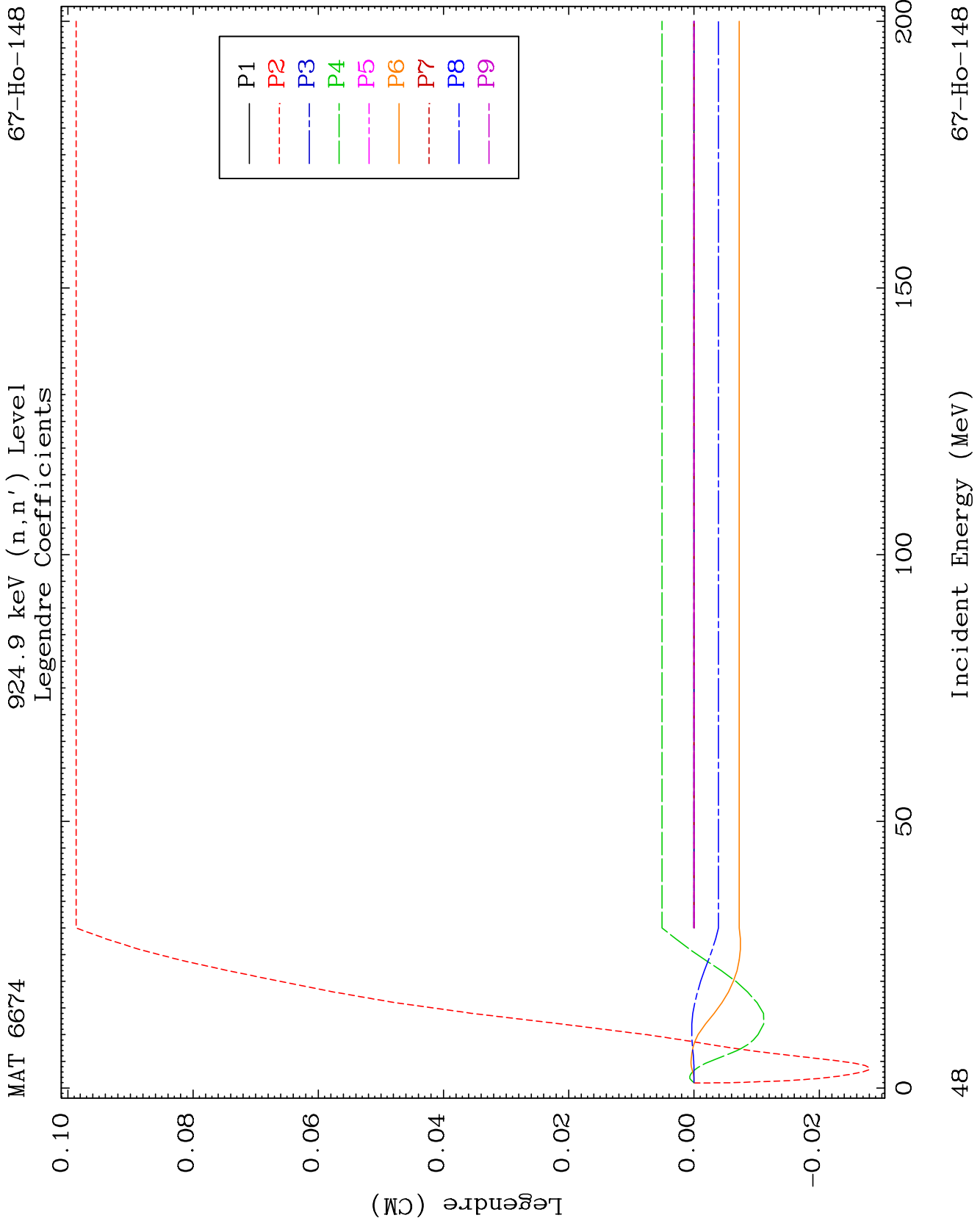








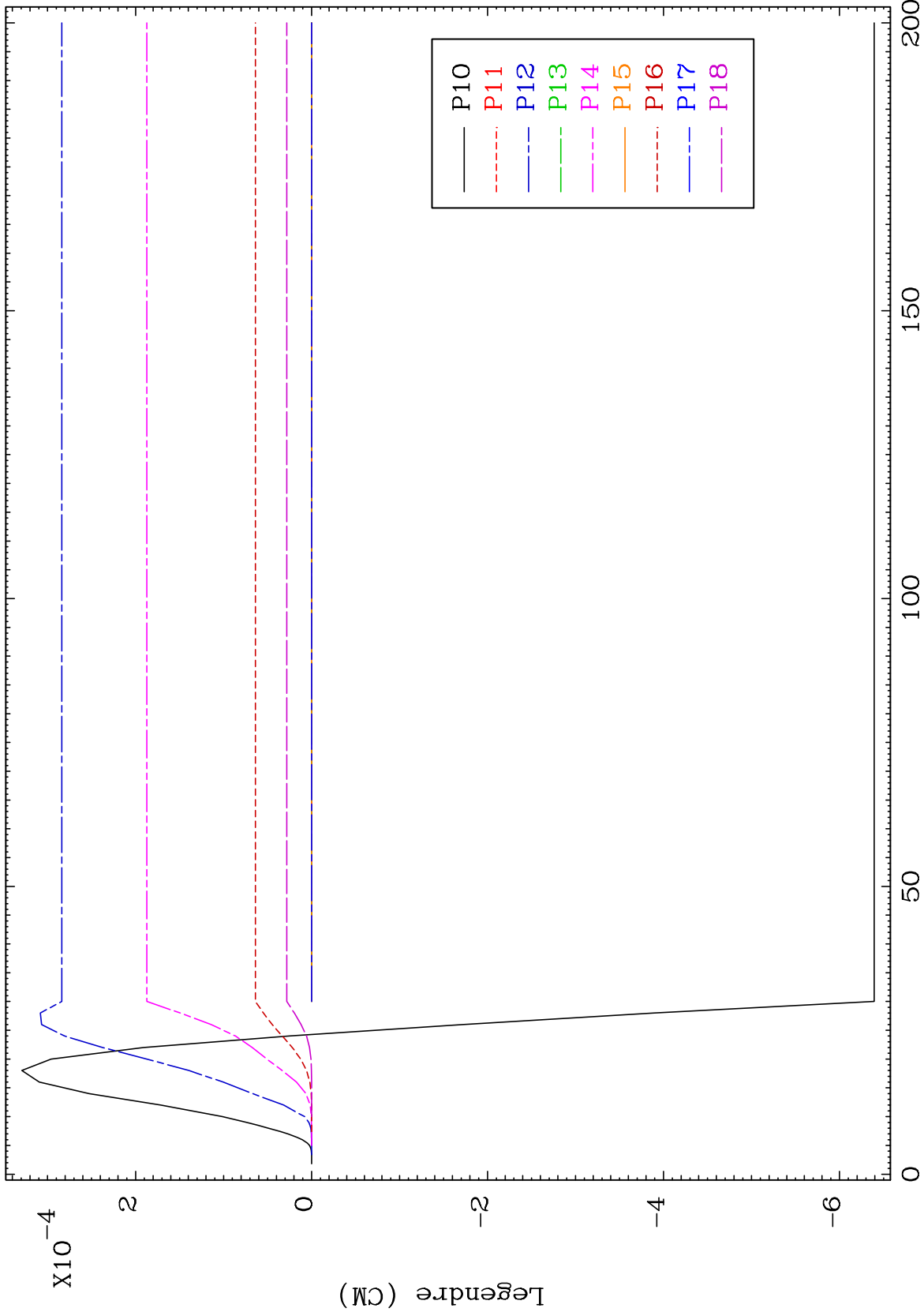




MAT 6674

924.9 keV (n,n') Level
Legendre Coefficients

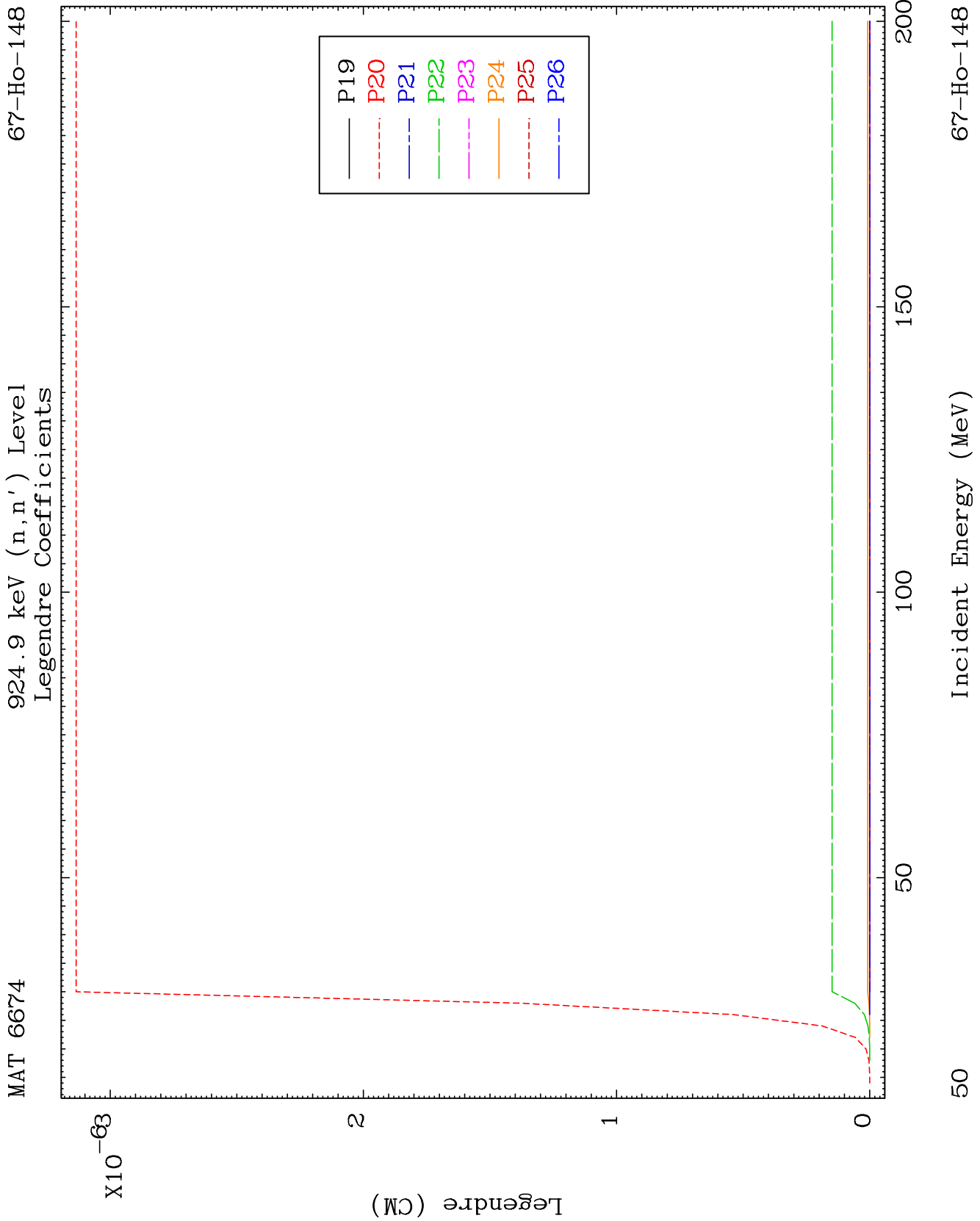
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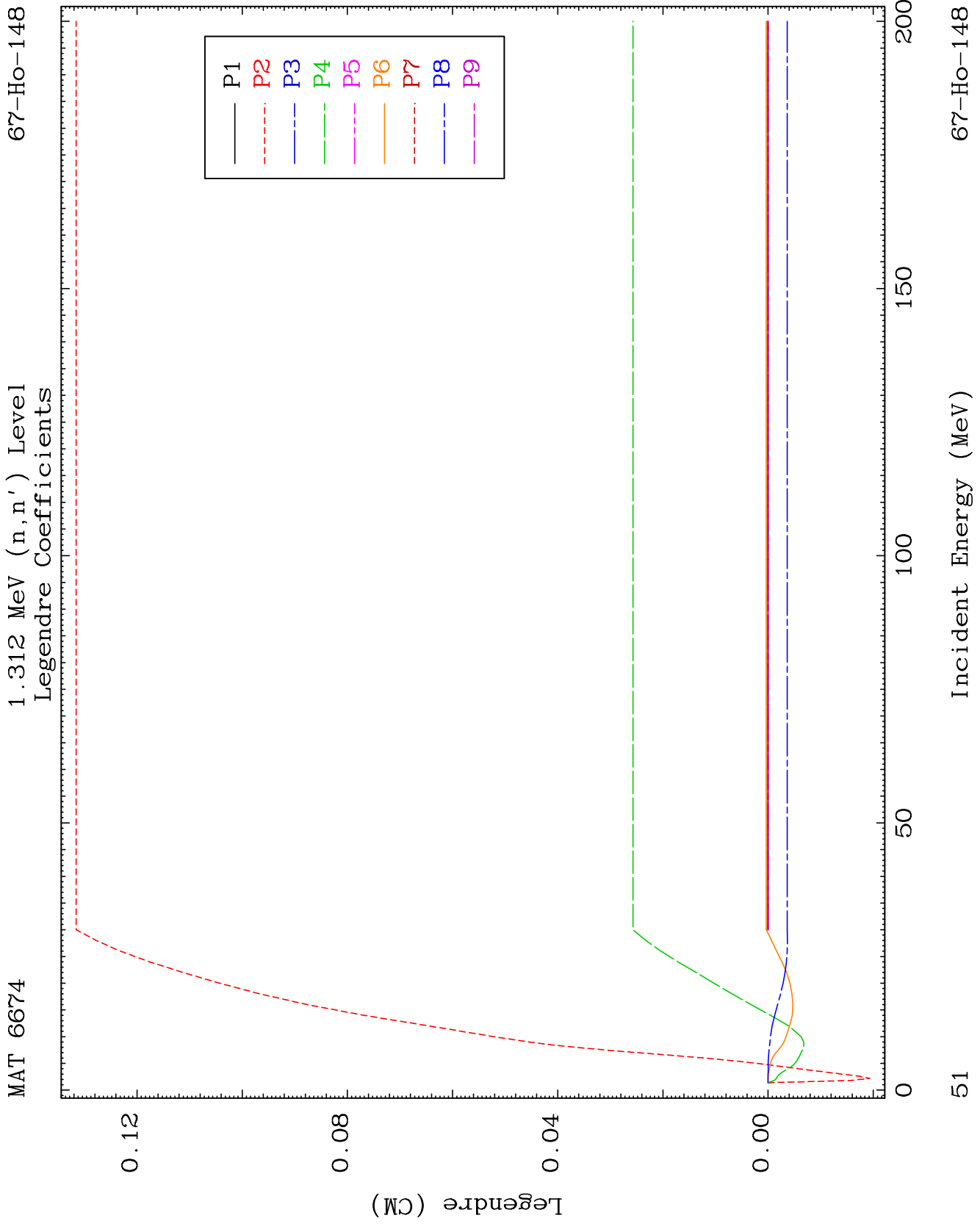


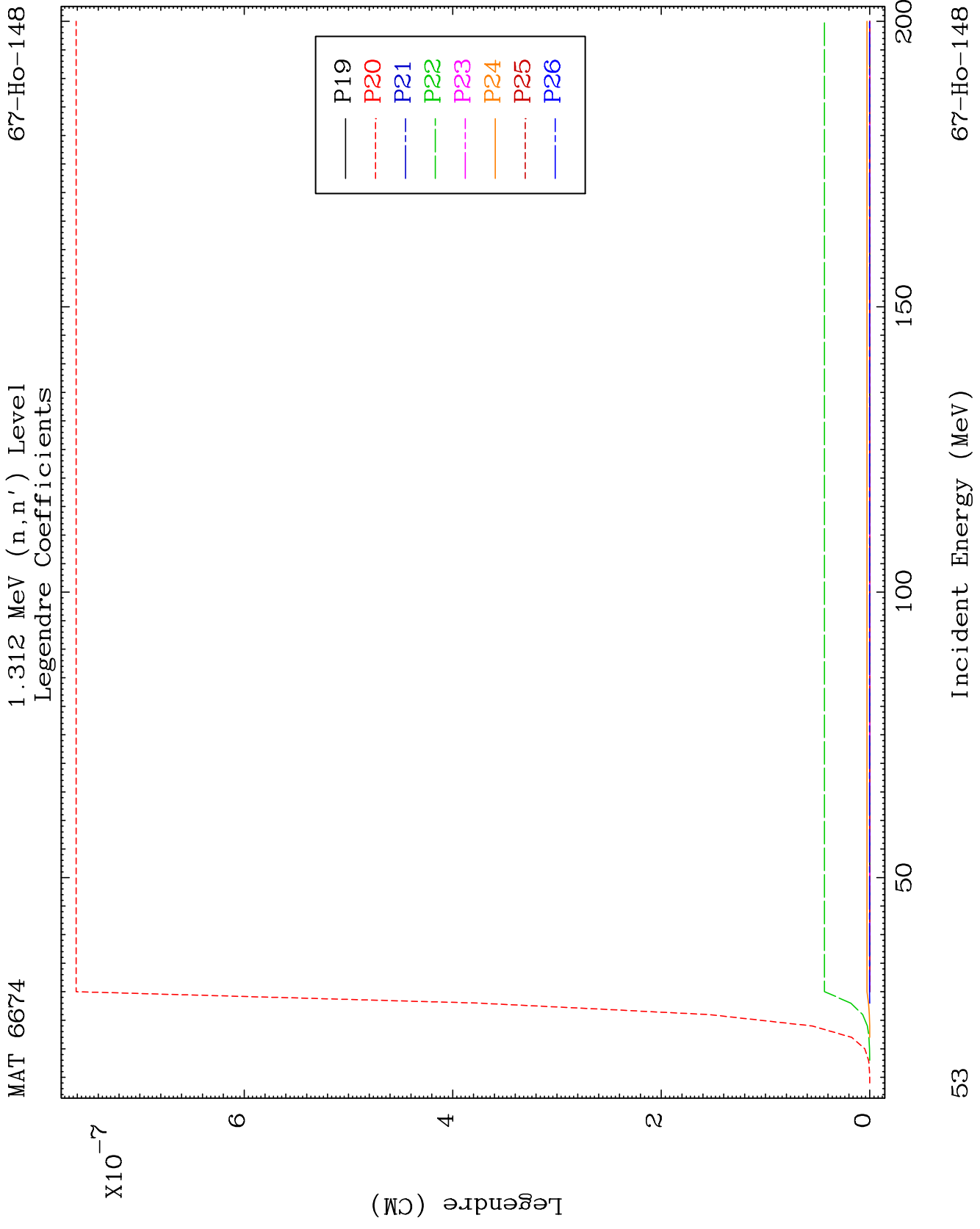
49

Incident Energy (MeV)

67-Ho-148



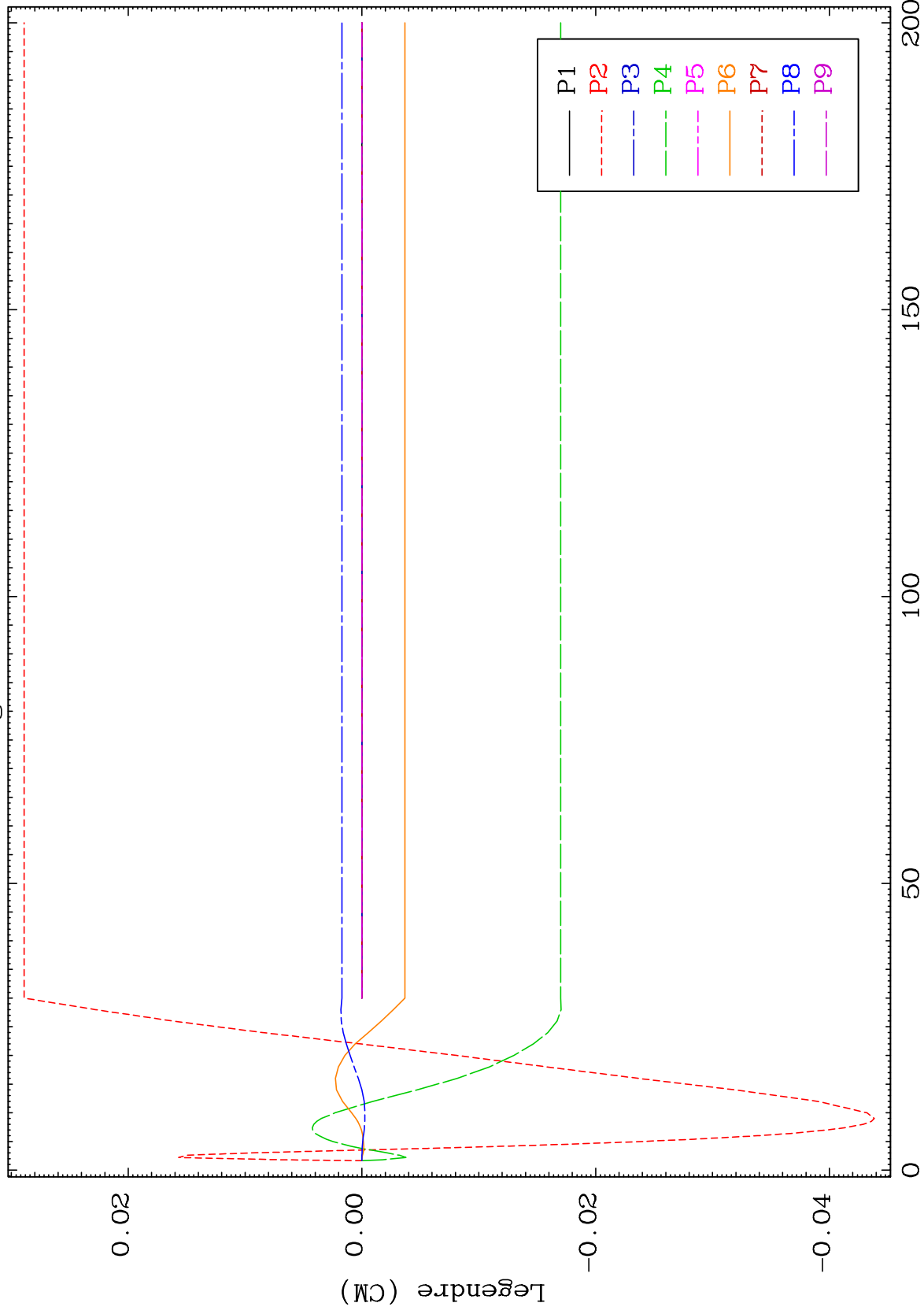




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1.637 MeV (n,n') Level
Legendre Coefficients

67-Ho-148



54

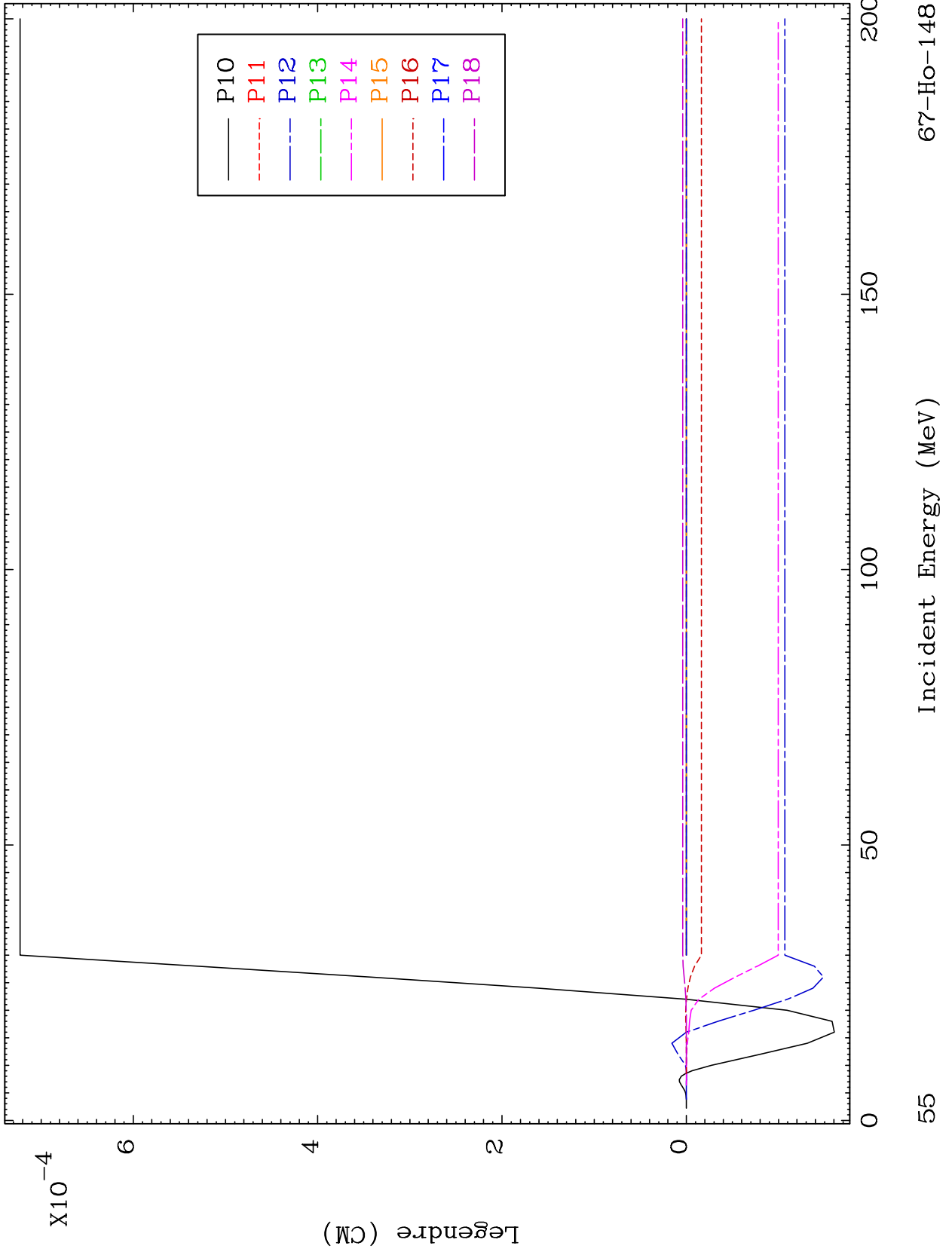
Incident Energy (MeV)

67-Ho-148

MAT 6674

1.637 MeV (n,n') Level
Legendre Coefficients

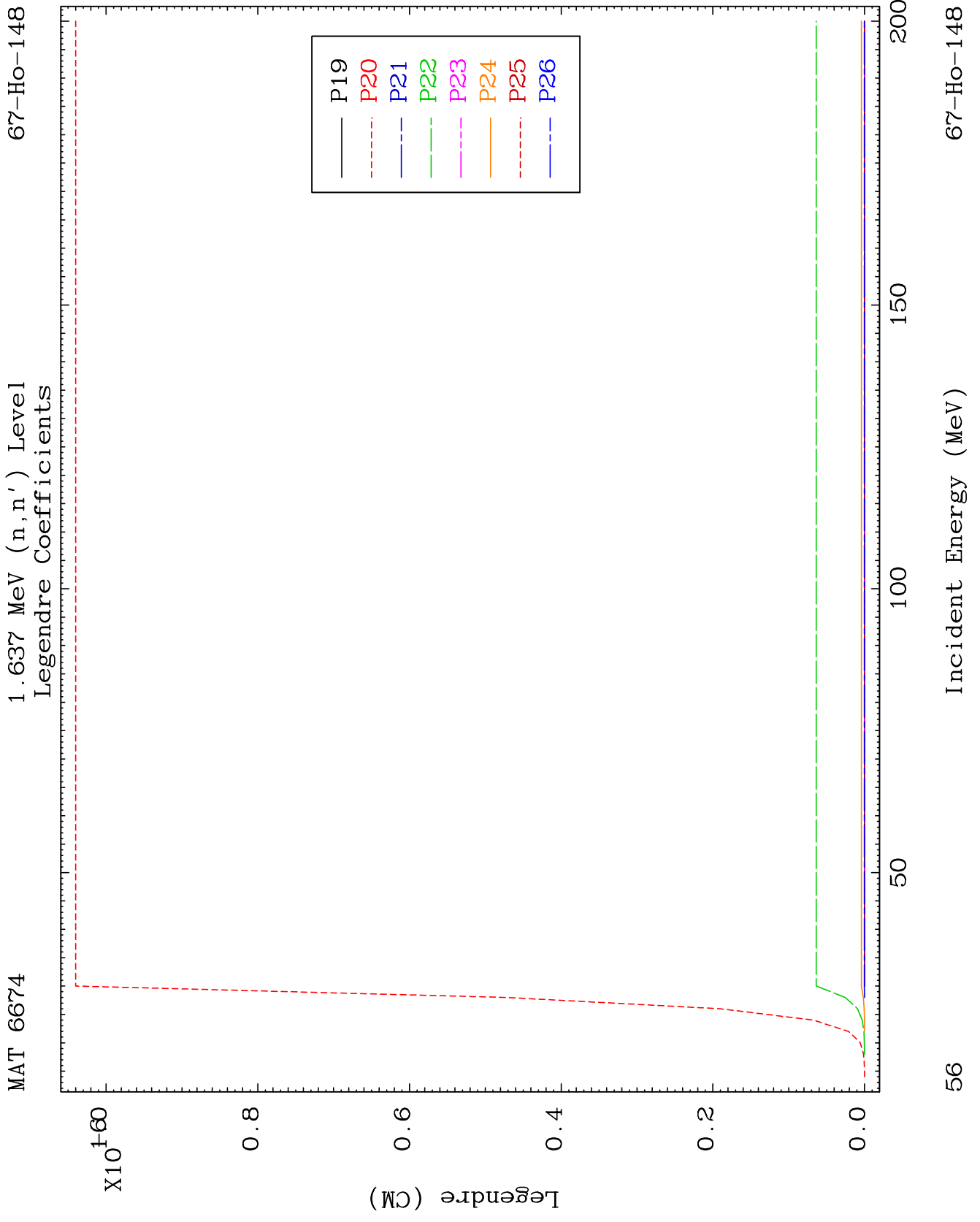
67-Ho-148



67-Ho-148

Incident Energy (MeV)

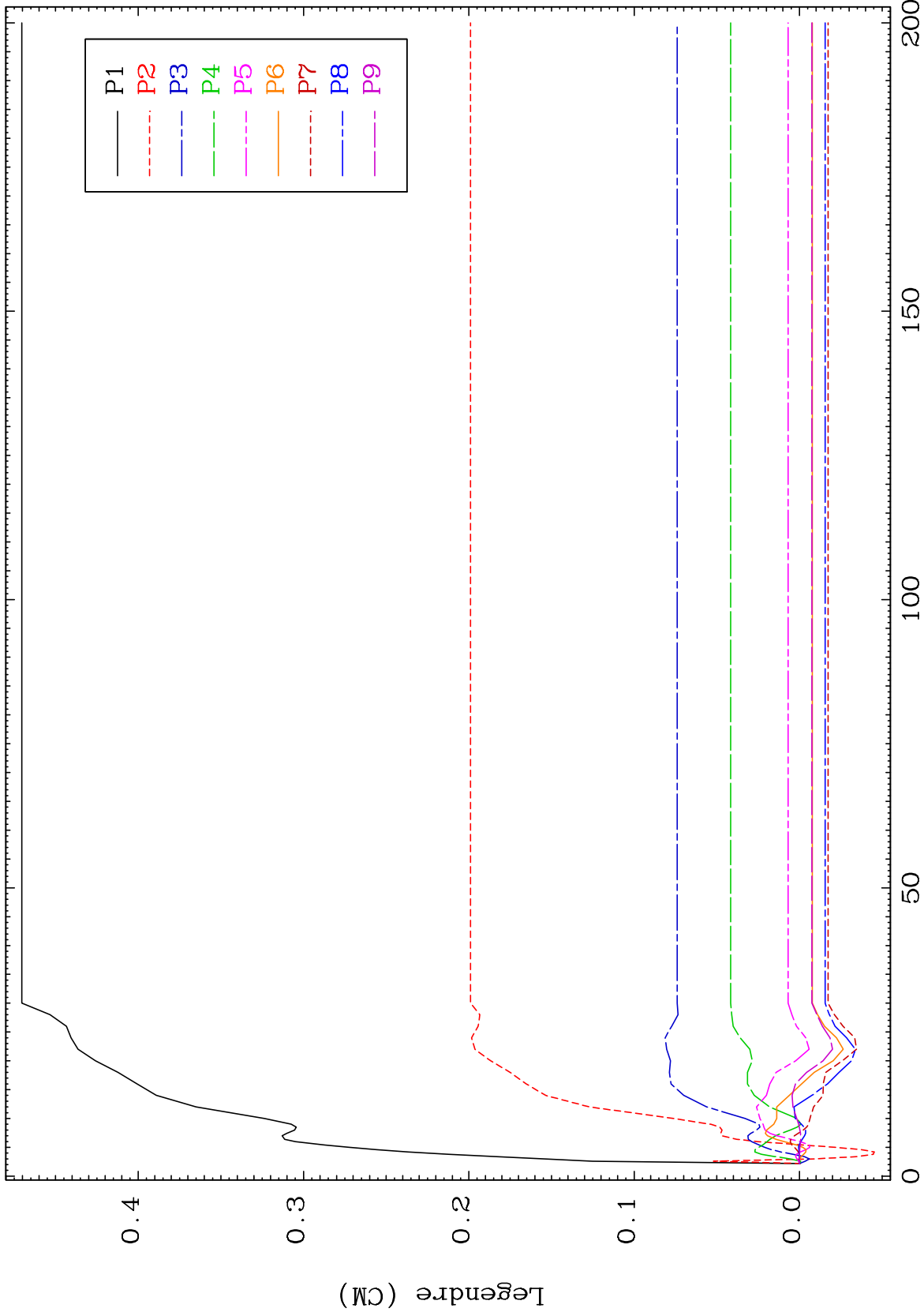
55



MAT 6674

2.122 MeV (n,n') Level
Legendre Coefficients

67-Ho-148



57

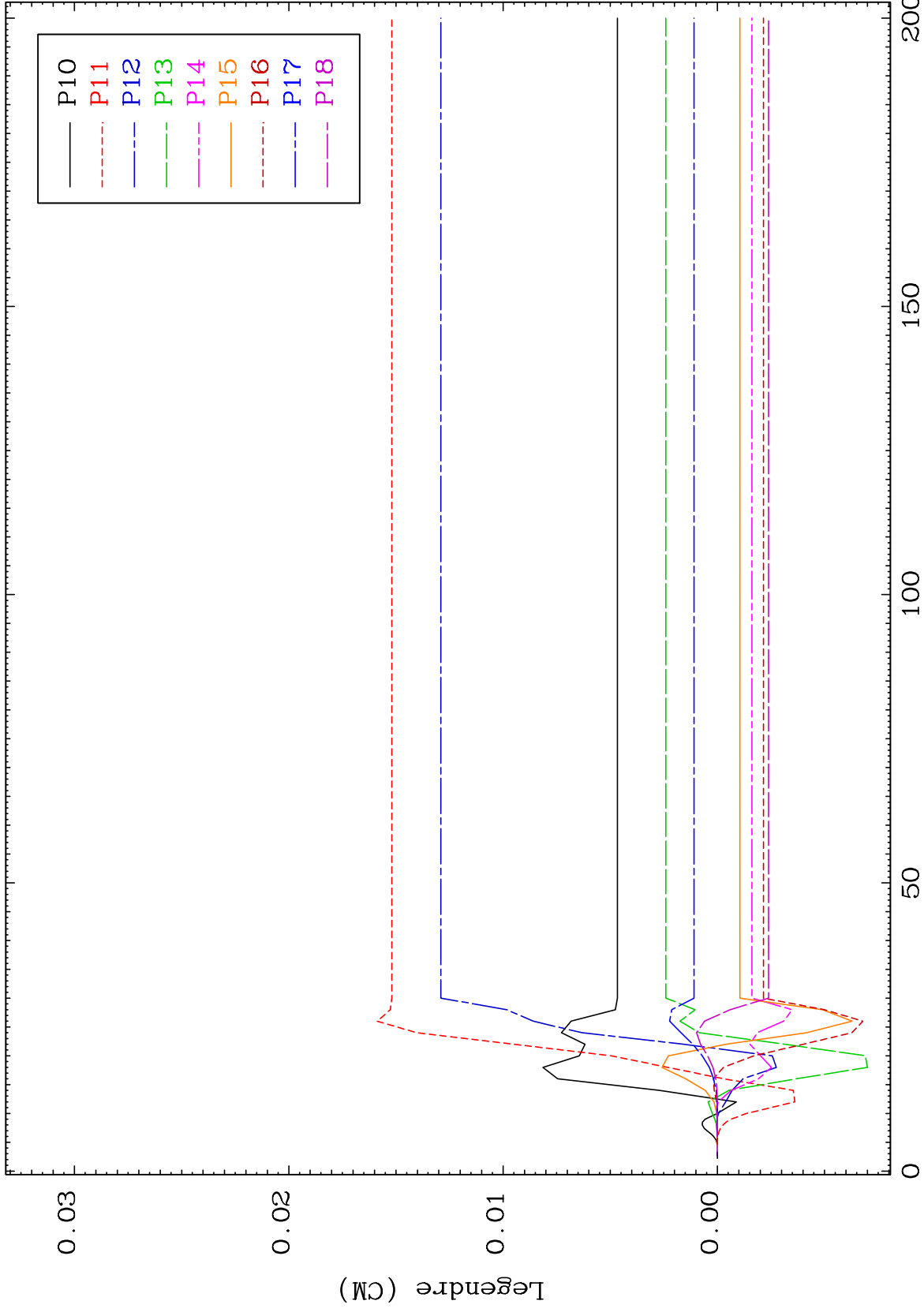
Incident Energy (MeV)

67-Ho-148

MAT 6674

2.122 MeV (n,n') Level
Legendre Coefficients

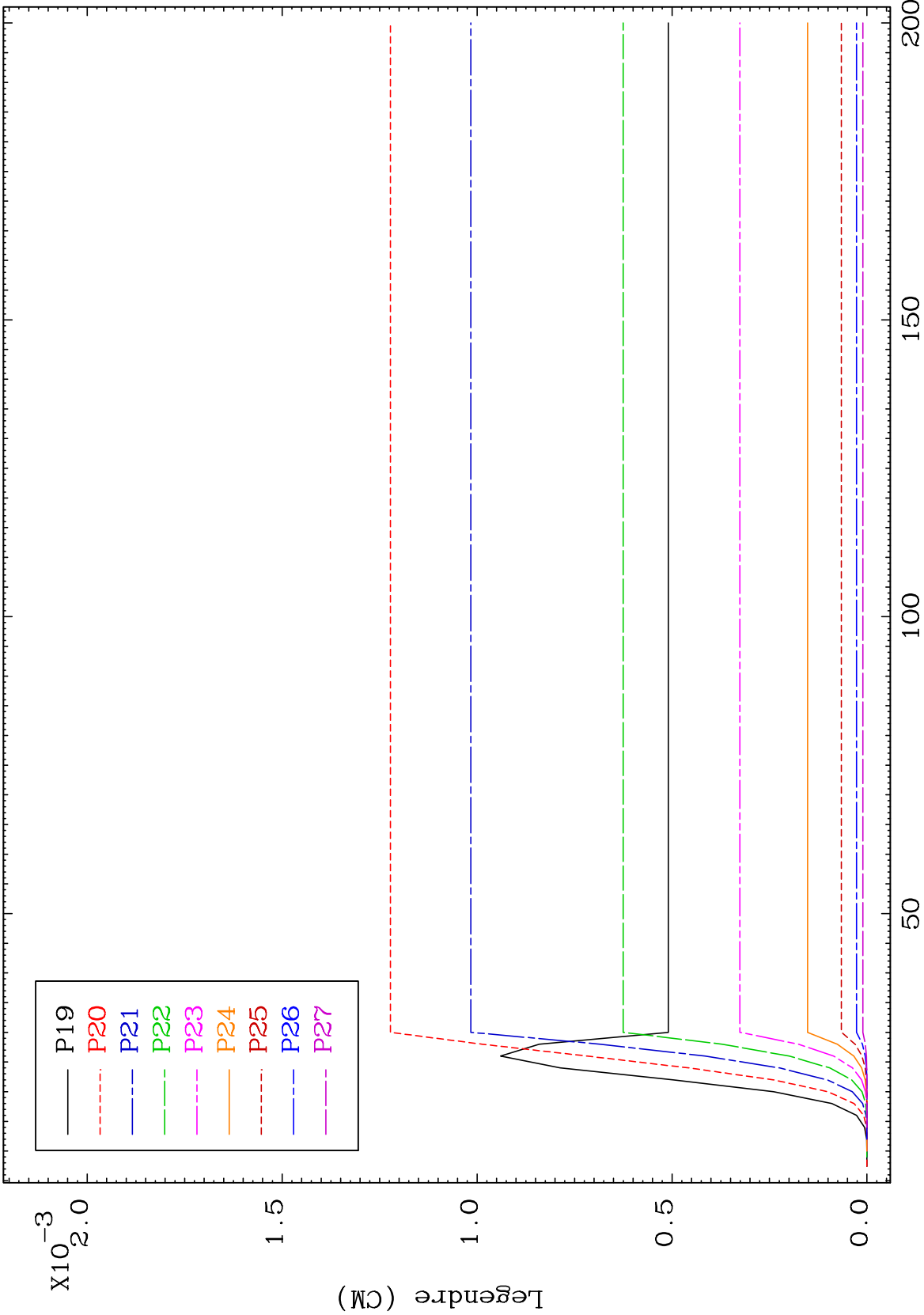
67-Ho-148



58

Incident Energy (MeV)

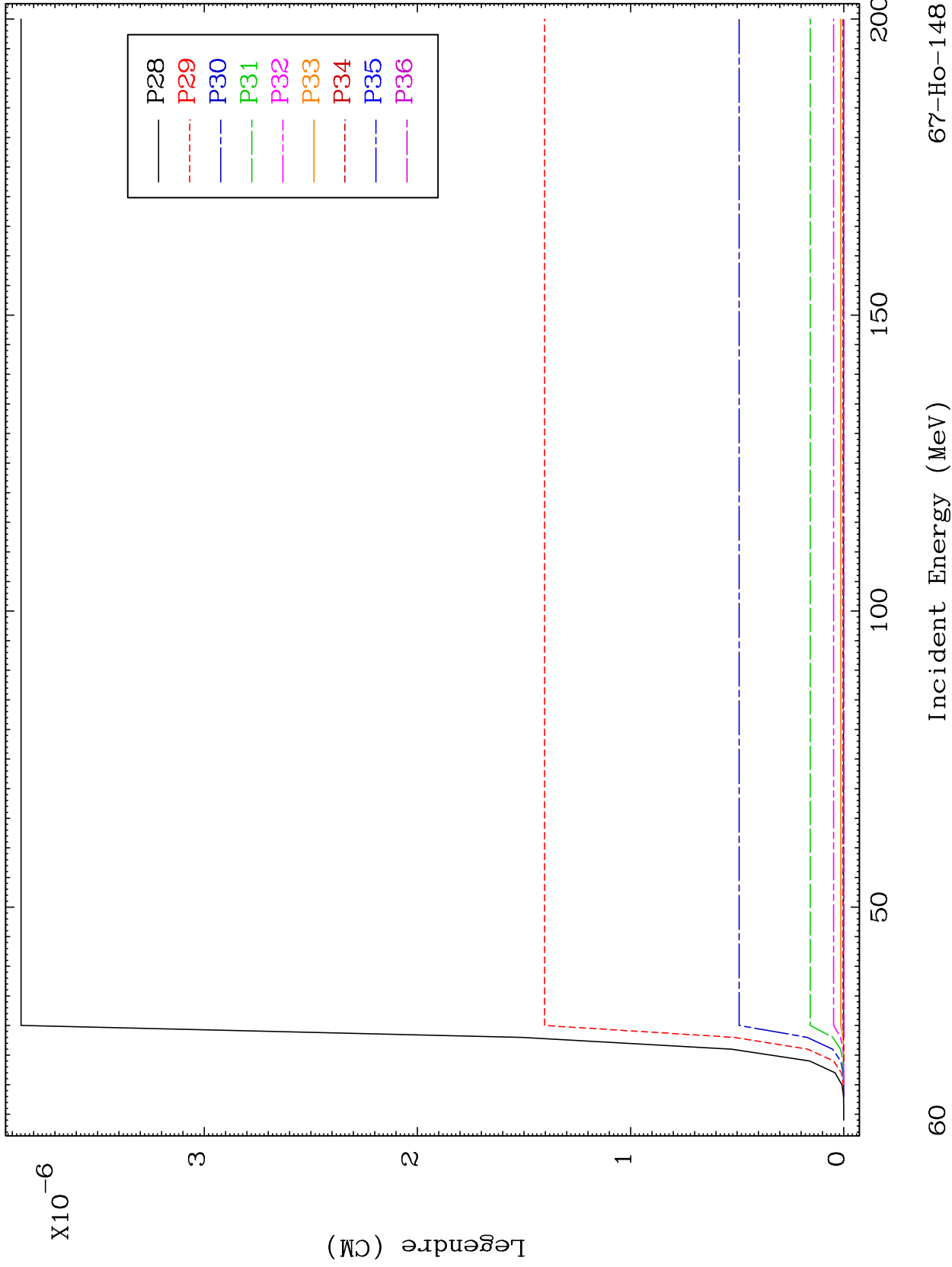
67-Ho-148



MAT 6674

2.122 MeV (n, n') Level
Legendre Coefficients

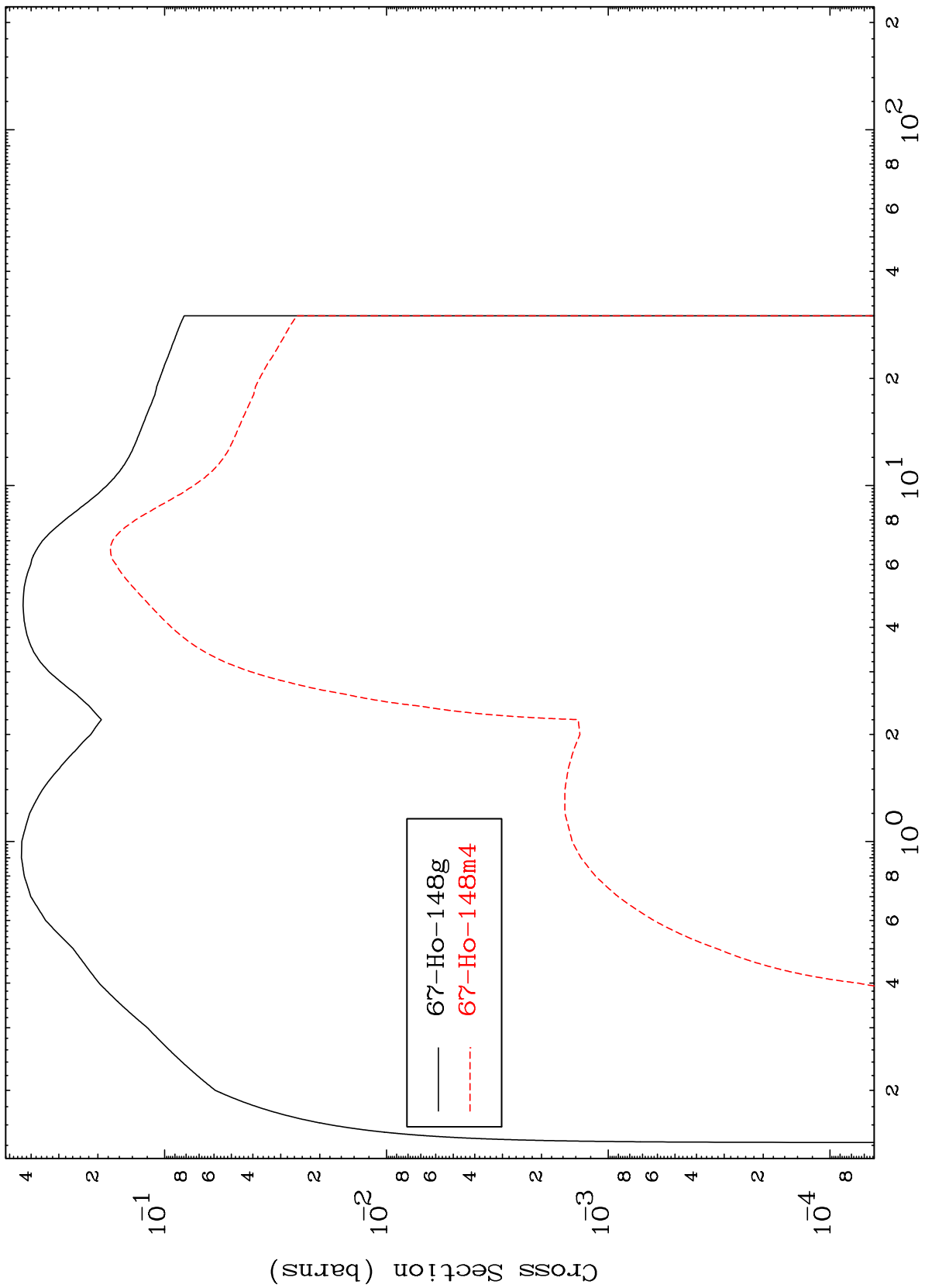
67-Ho-148



MAT 6674

67-Ho-148

Inelastic
Radionuclide Production Cross Section



61

Incident Energy (MeV)

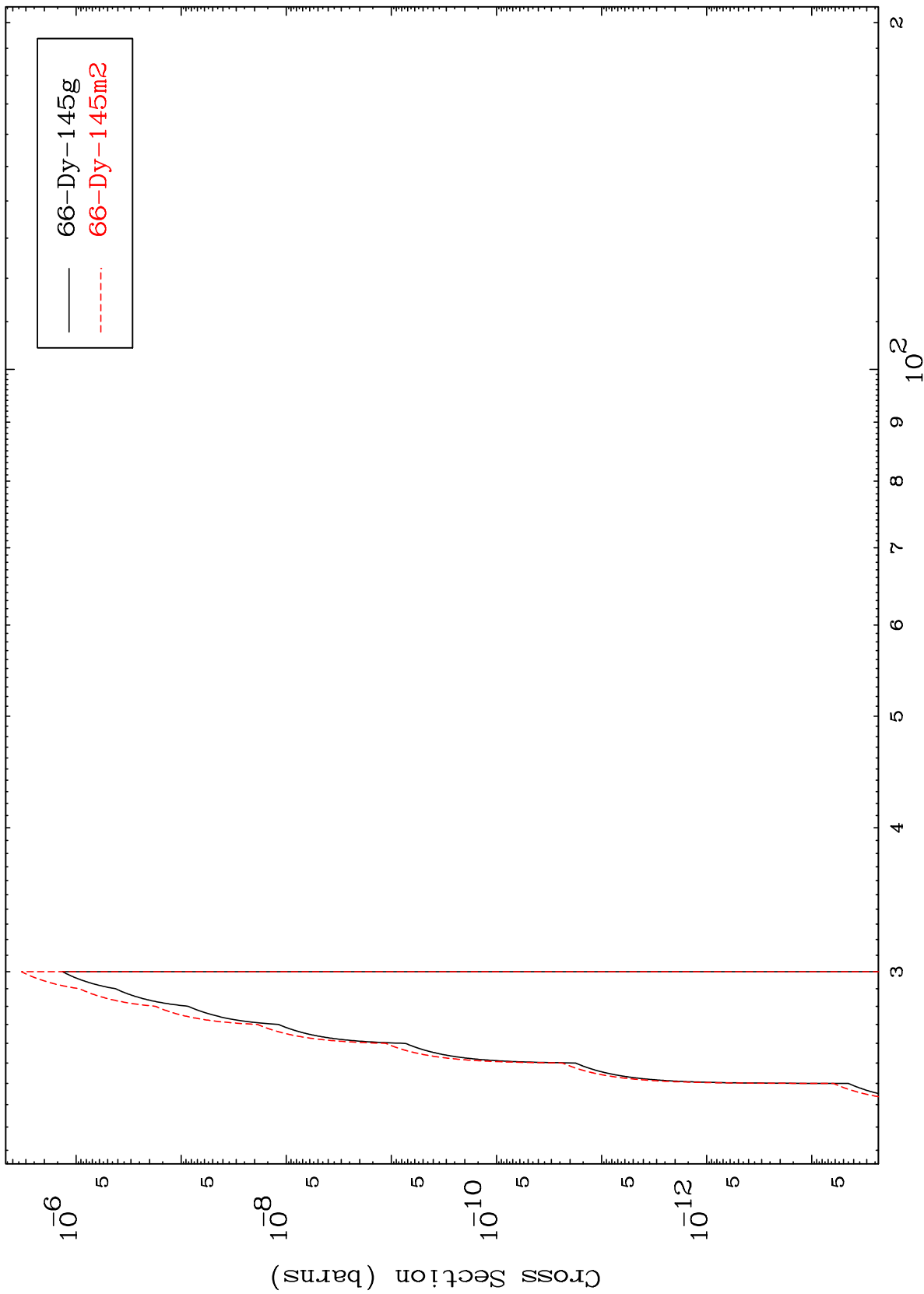
67-Ho-148

MAT 6674

(n,2n) d

67-Ho-148

Radionuclide Production Cross Section



62

Incident Energy (MeV)

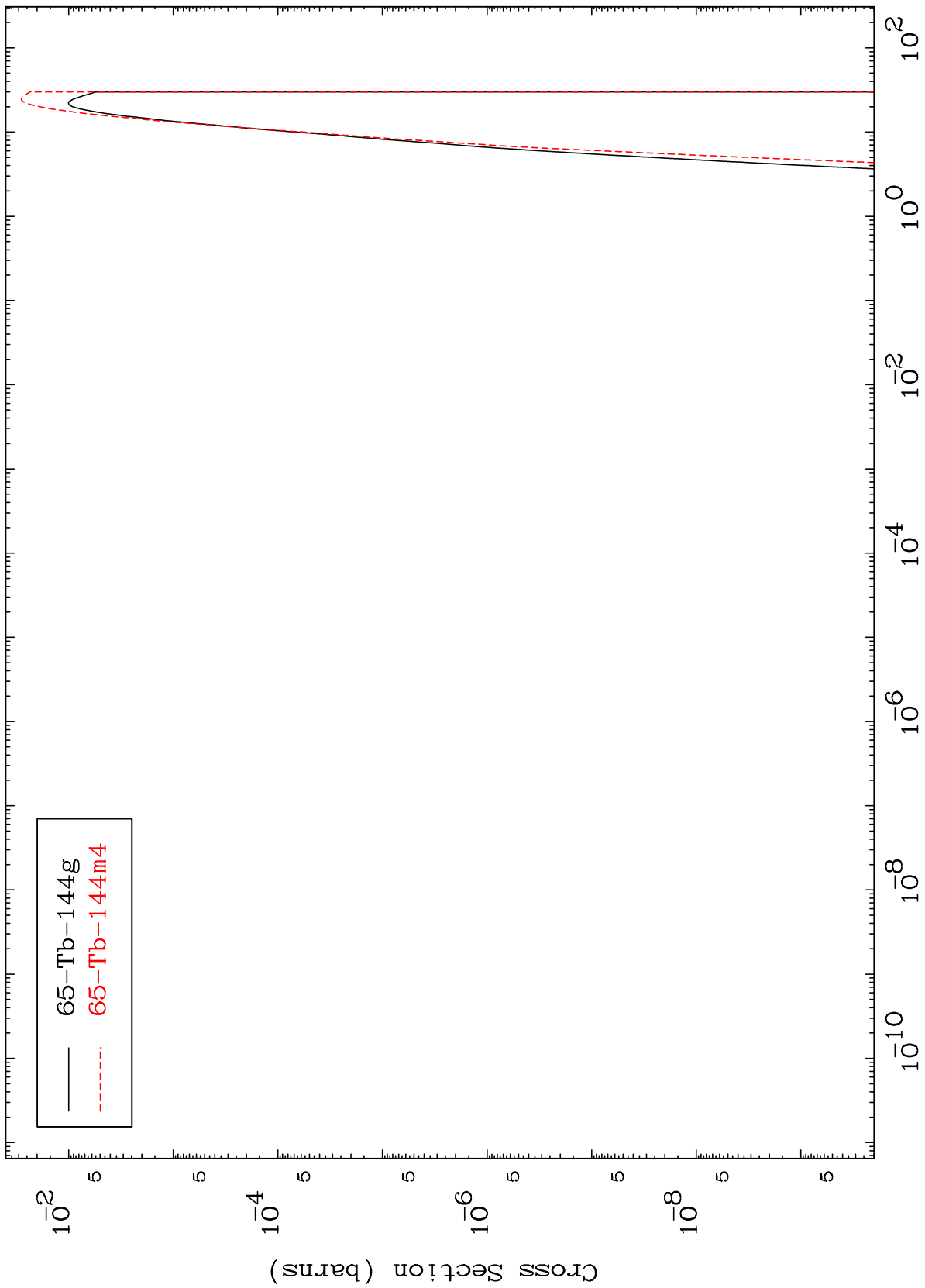
67-Ho-148

MAT 6674

$(n, n') \alpha$

67-Ho-148

Radionuclide Production Cross Section



63

Incident Energy (MeV)

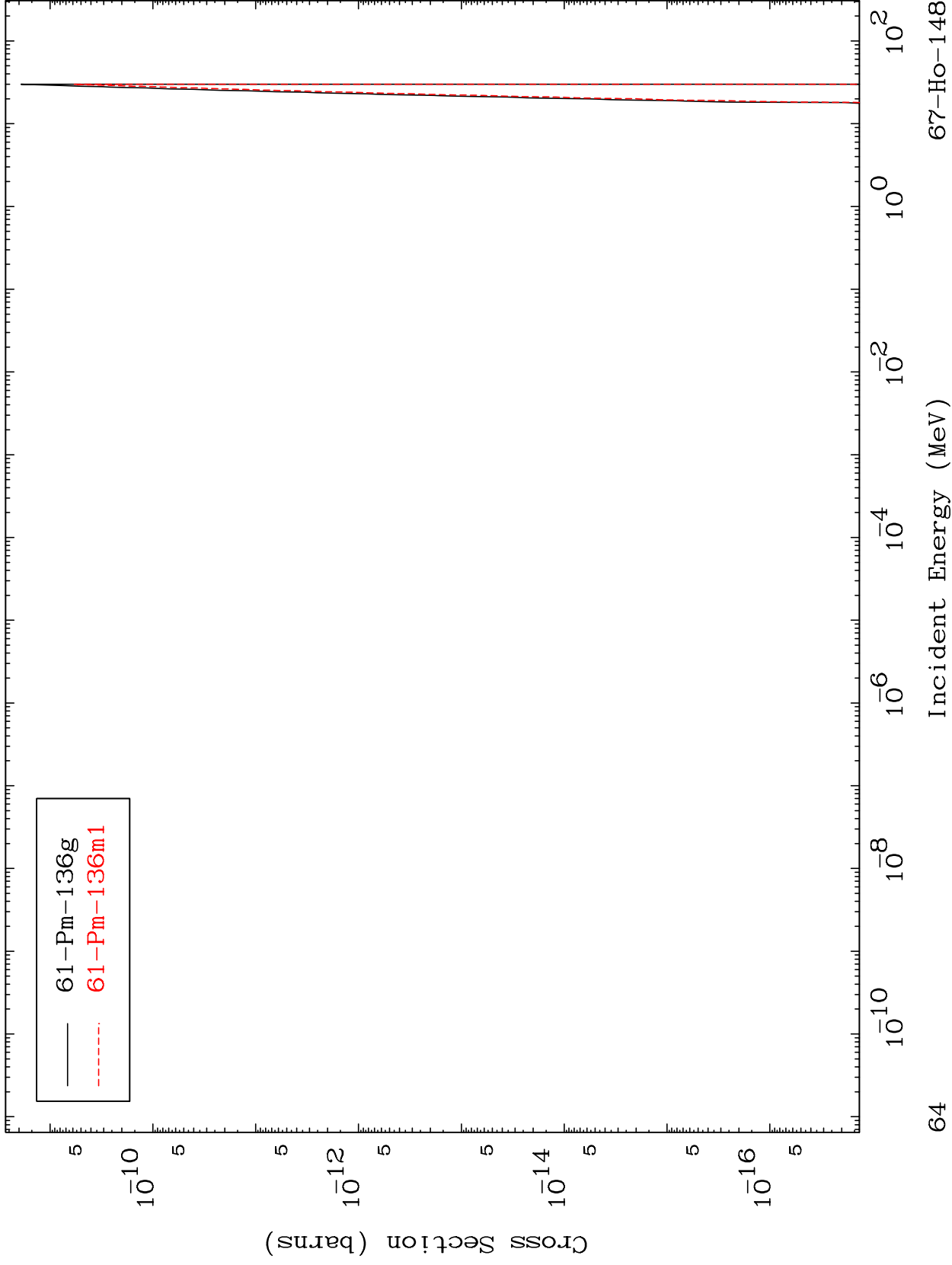
67-Ho-148

MAT 6674

(n,n') 3 α

67-Ho-148

Radionuclide Production Cross Section



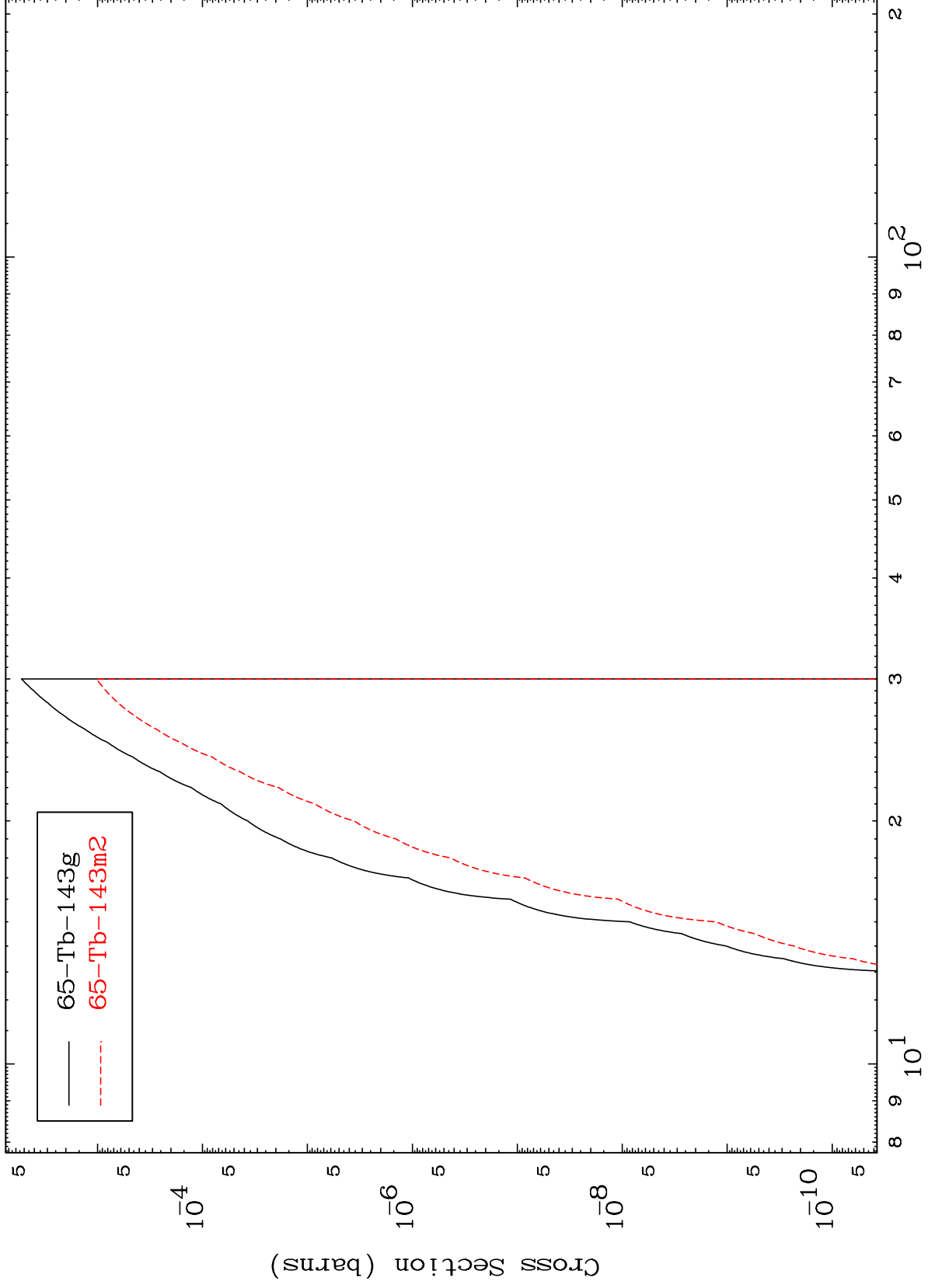
64

MAT 6674

(n,2n) α

67-Ho-148

Radionuclide Production Cross Section



65-Tb-143g
65-Tb-143m2

65

Incident Energy (MeV)

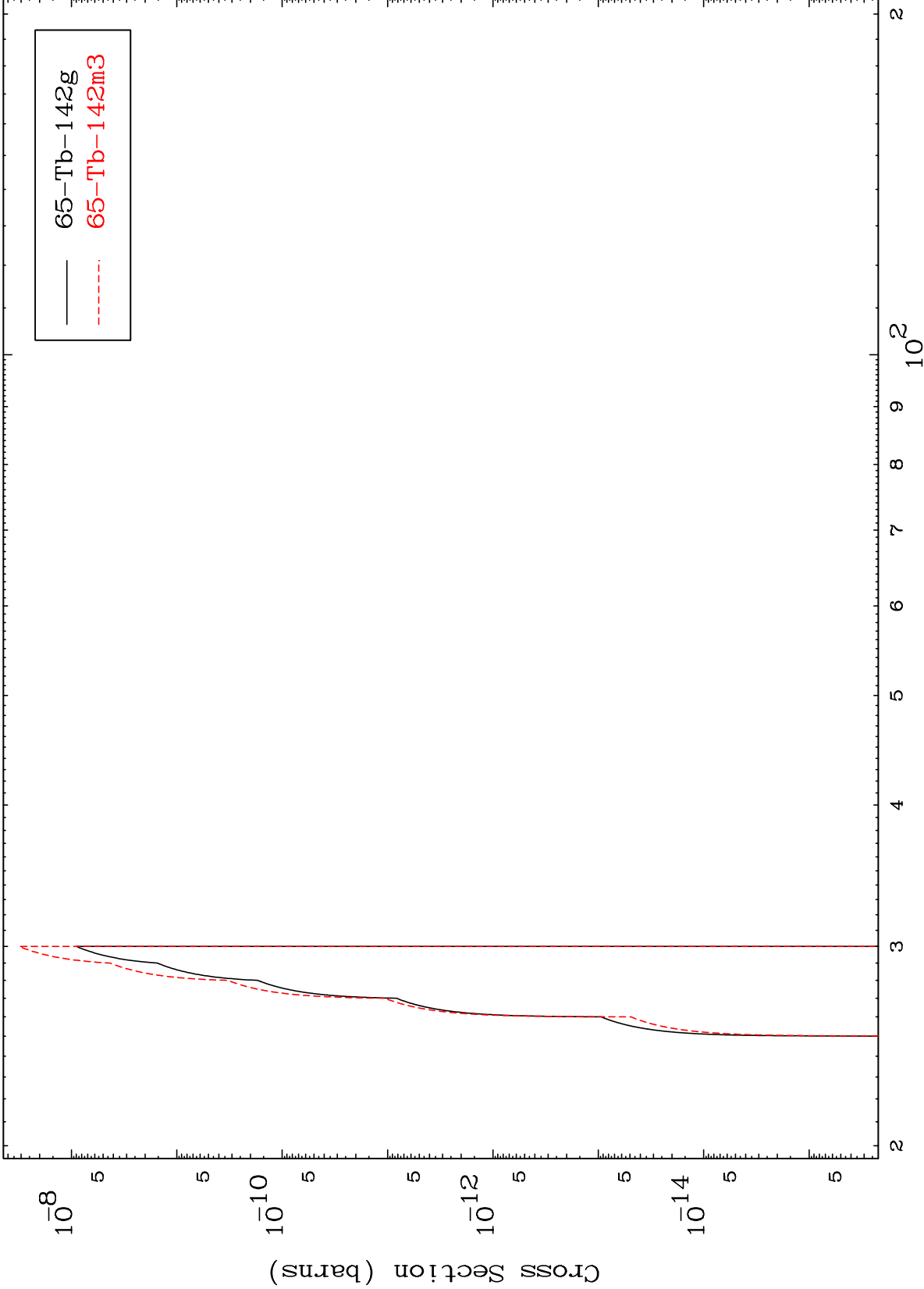
67-Ho-148

MAT 6674

(n,3n) α

67-Ho-148

Radionuclide Production Cross Section



65-Tb-142g
65-Tb-142m3

66

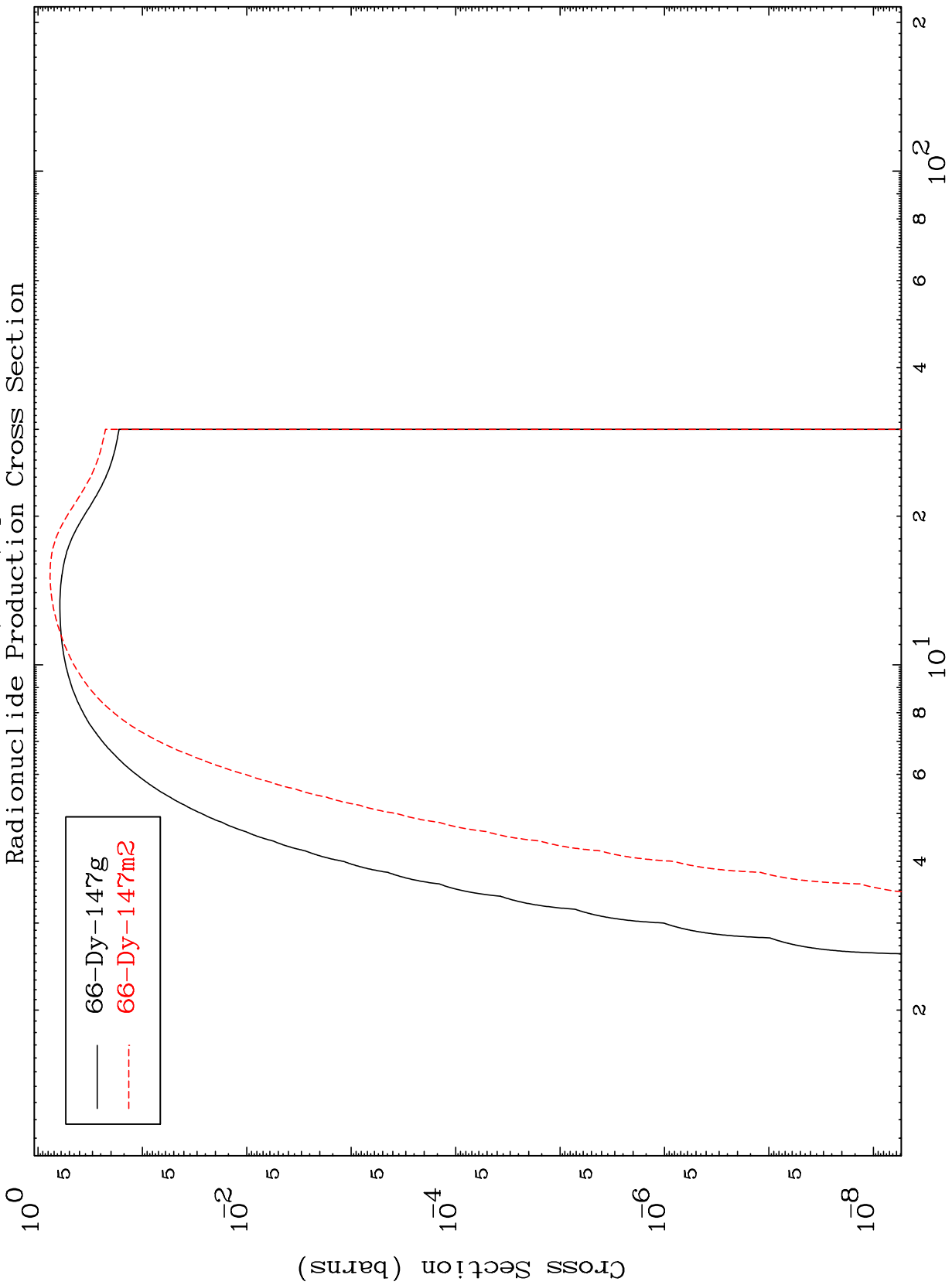
Incident Energy (MeV)

67-Ho-148

MAT 6674

67-Ho-148

(n,n') p
Radionuclide Production Cross Section



66-Dy-147g
66-Dy-147m2

67

Incident Energy (MeV)

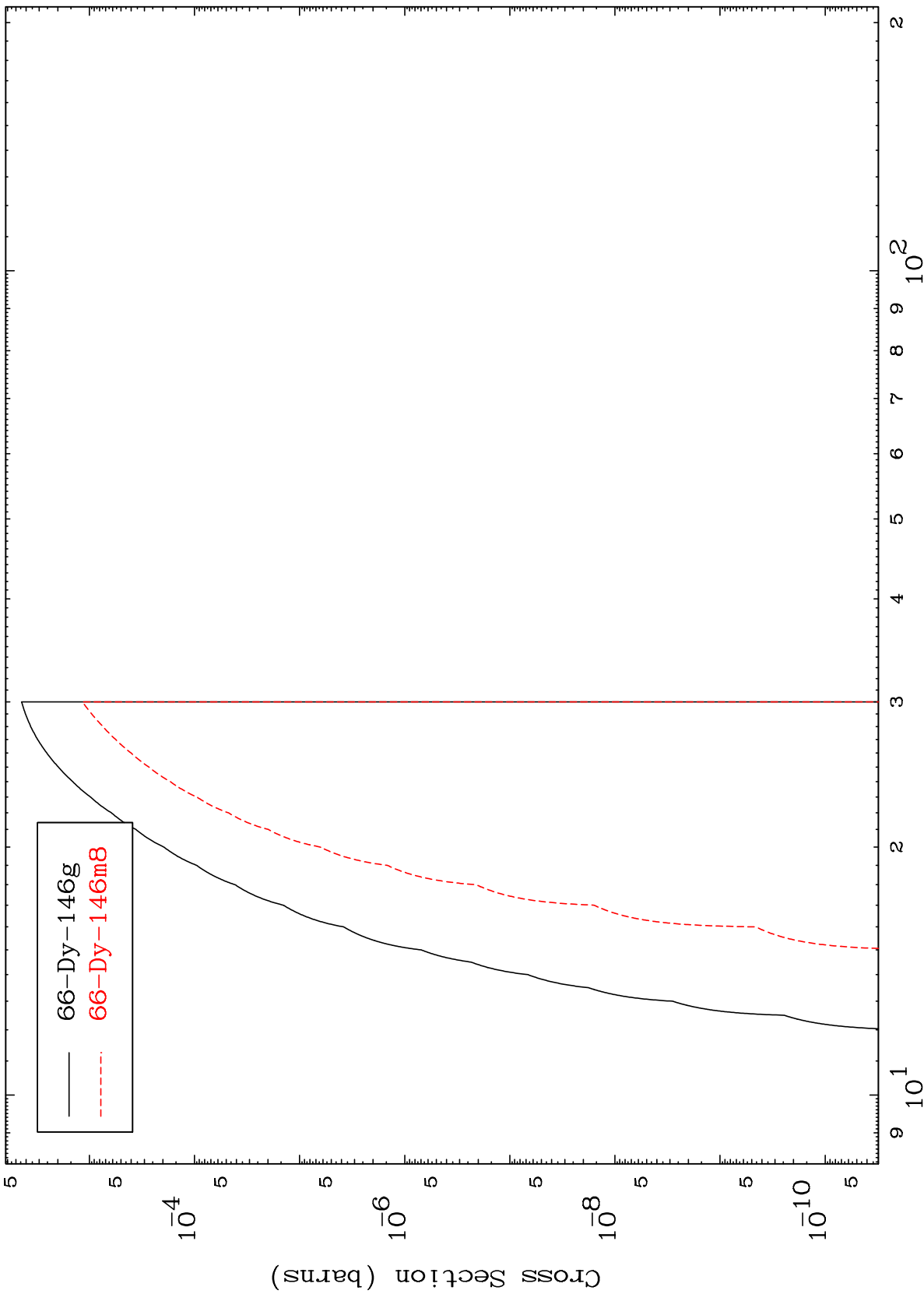
67-Ho-148

MAT 6674

(n,n') d

67-Ho-148

Radionuclide Production Cross Section

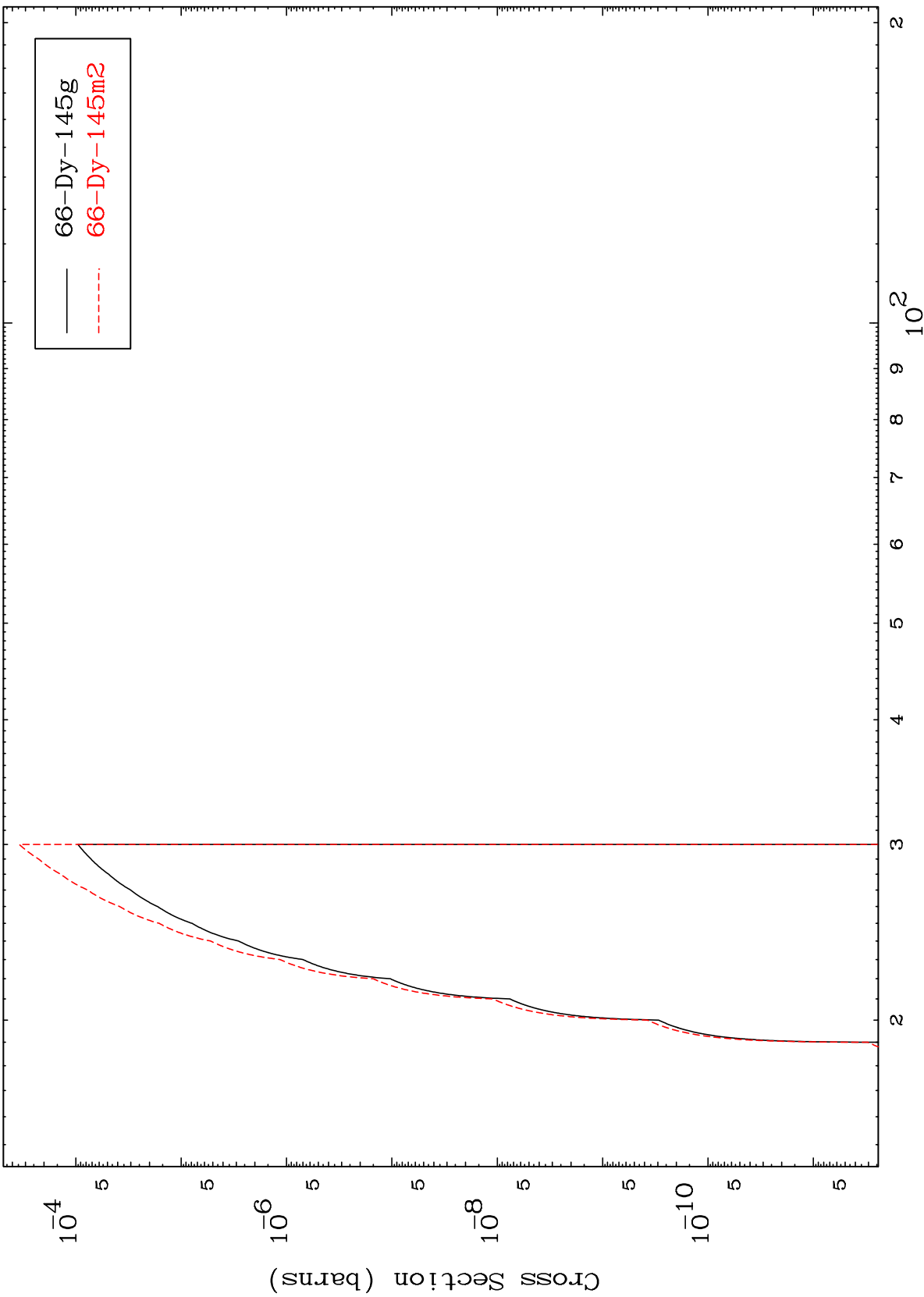


68

Incident Energy (MeV)

67-Ho-148

Radionuclide Production Cross Section

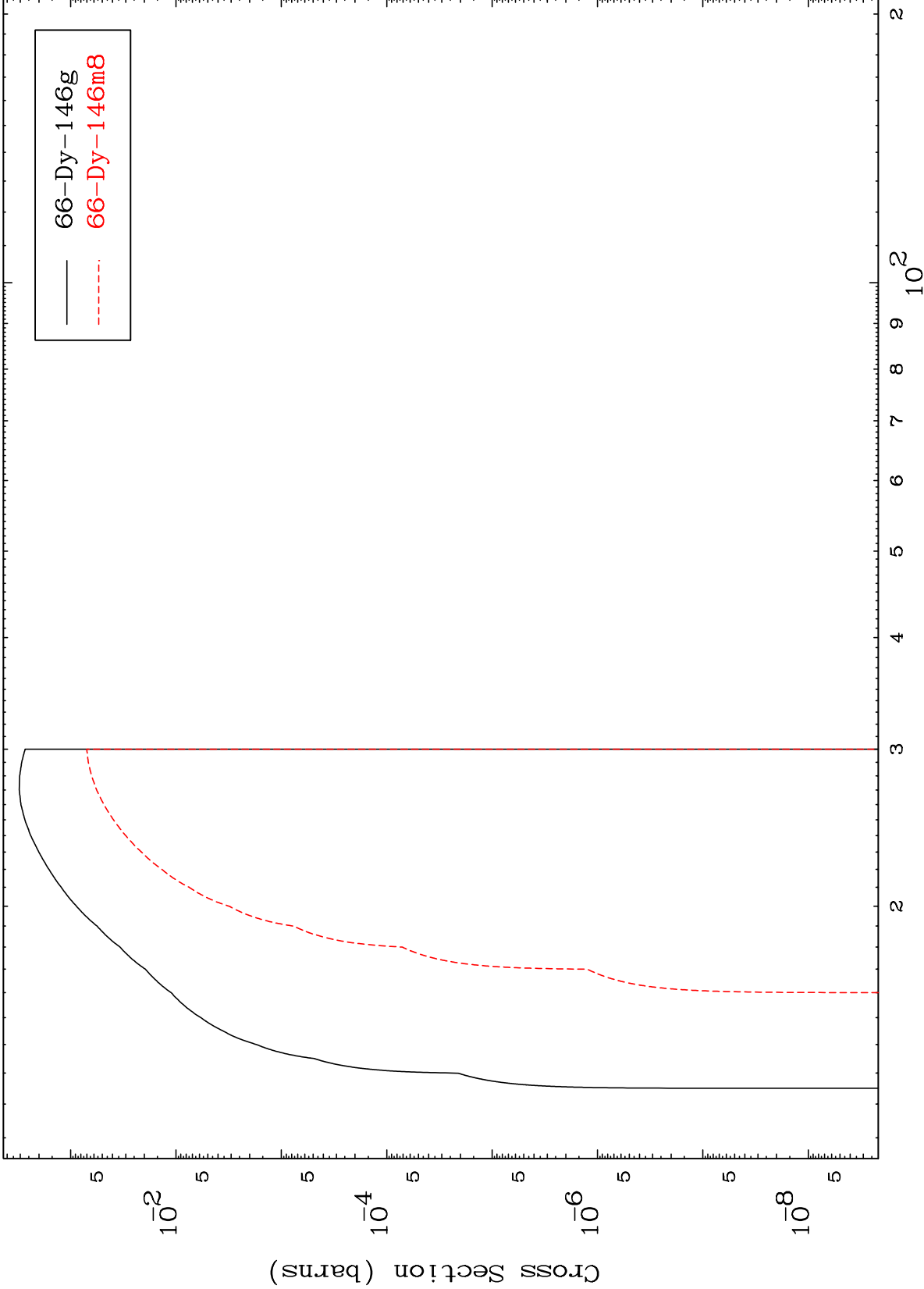


MAT 6674

(n,2n) p

67-Ho-148

Radionuclide Production Cross Section



70

Incident Energy (MeV)

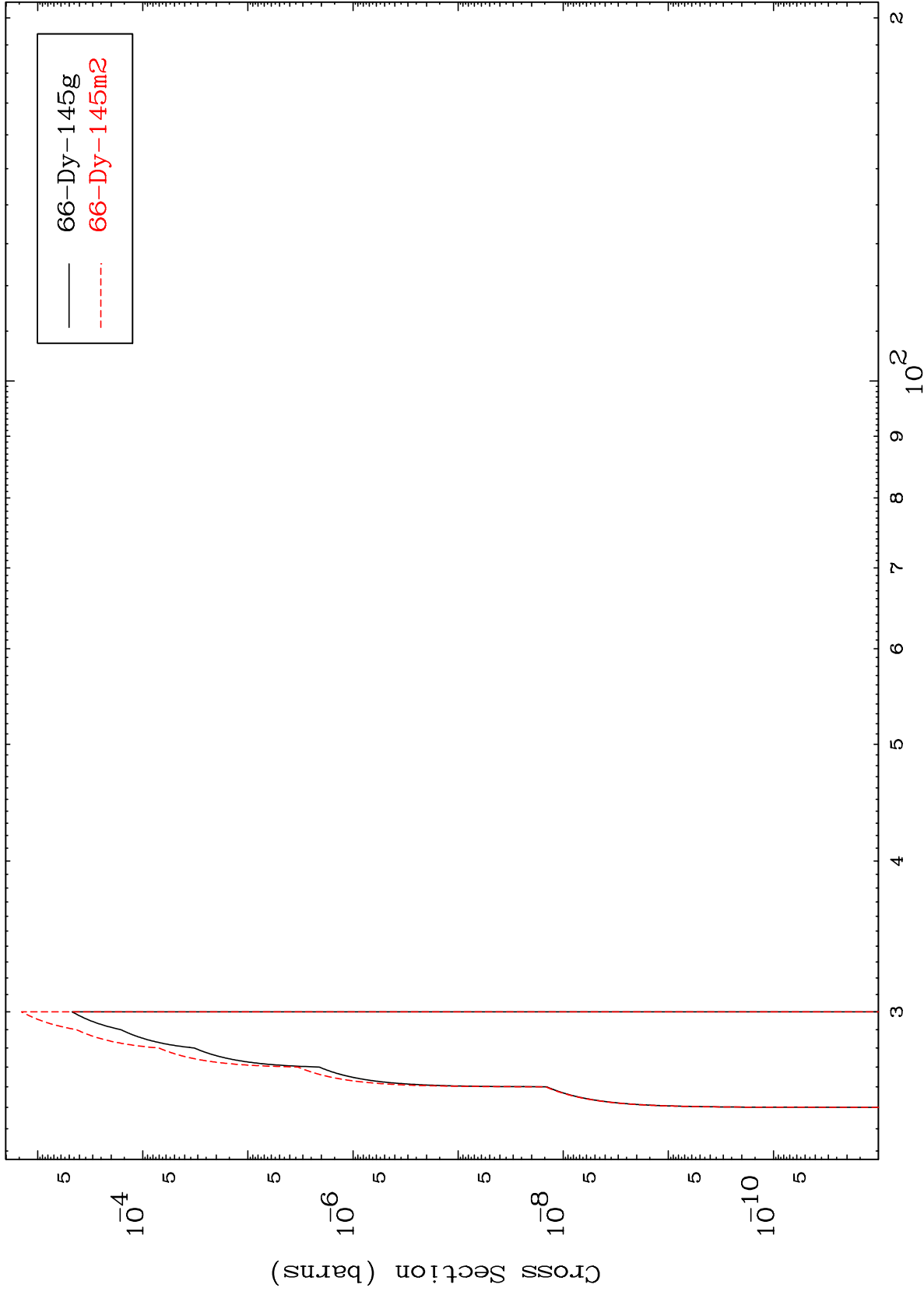
67-Ho-148

MAT 6674

(n,3n) p

67-Ho-148

Radionuclide Production Cross Section



71

Incident Energy (MeV)

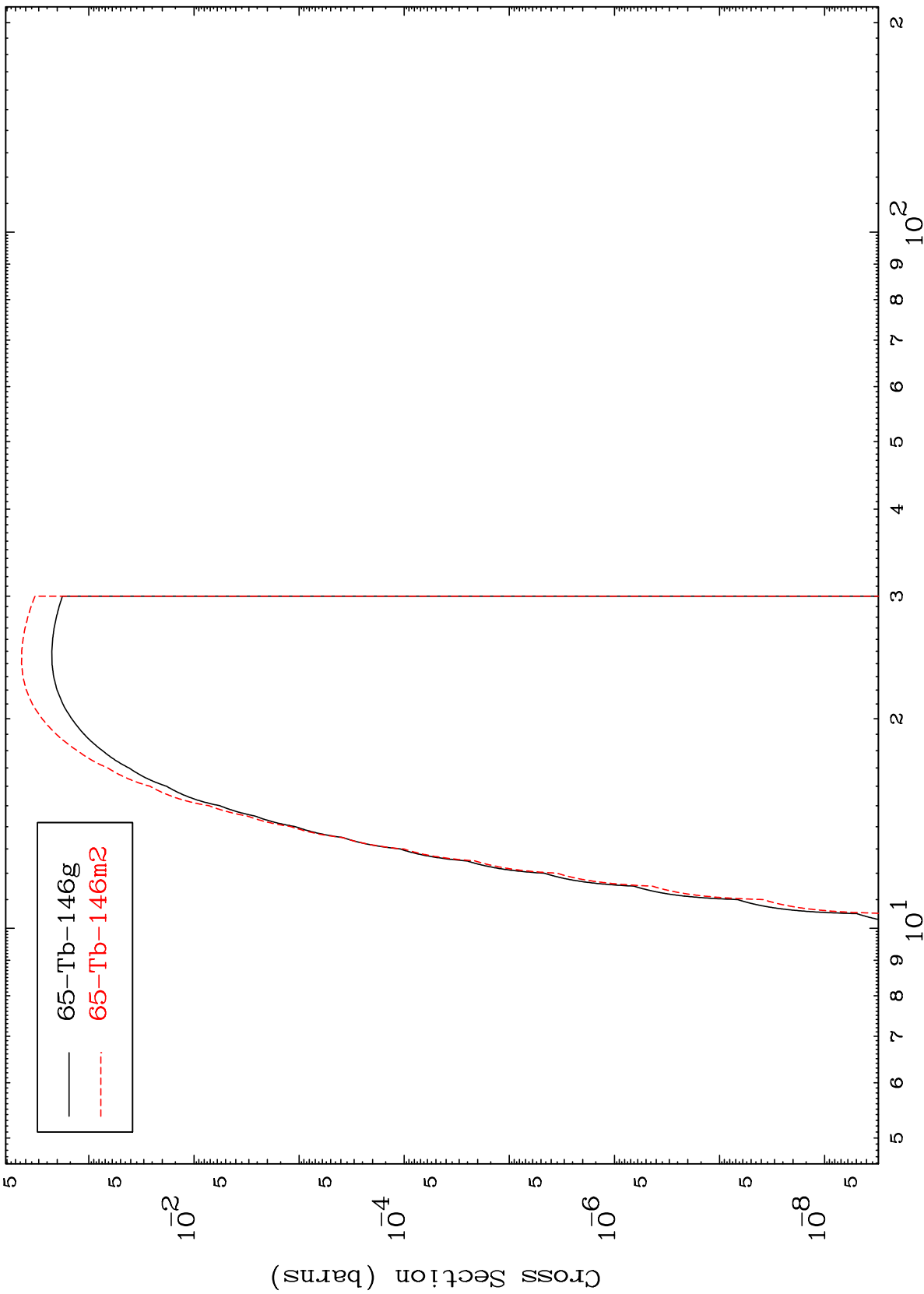
67-Ho-148

MAT 6674

$^{67}\text{Ho-148}$ (n,2n) p

$^{67}\text{Ho-148}$

Radionuclide Production Cross Section



Legend:
— 65-Tb-146g
- - - 65-Tb-146m2

72

Incident Energy (MeV)

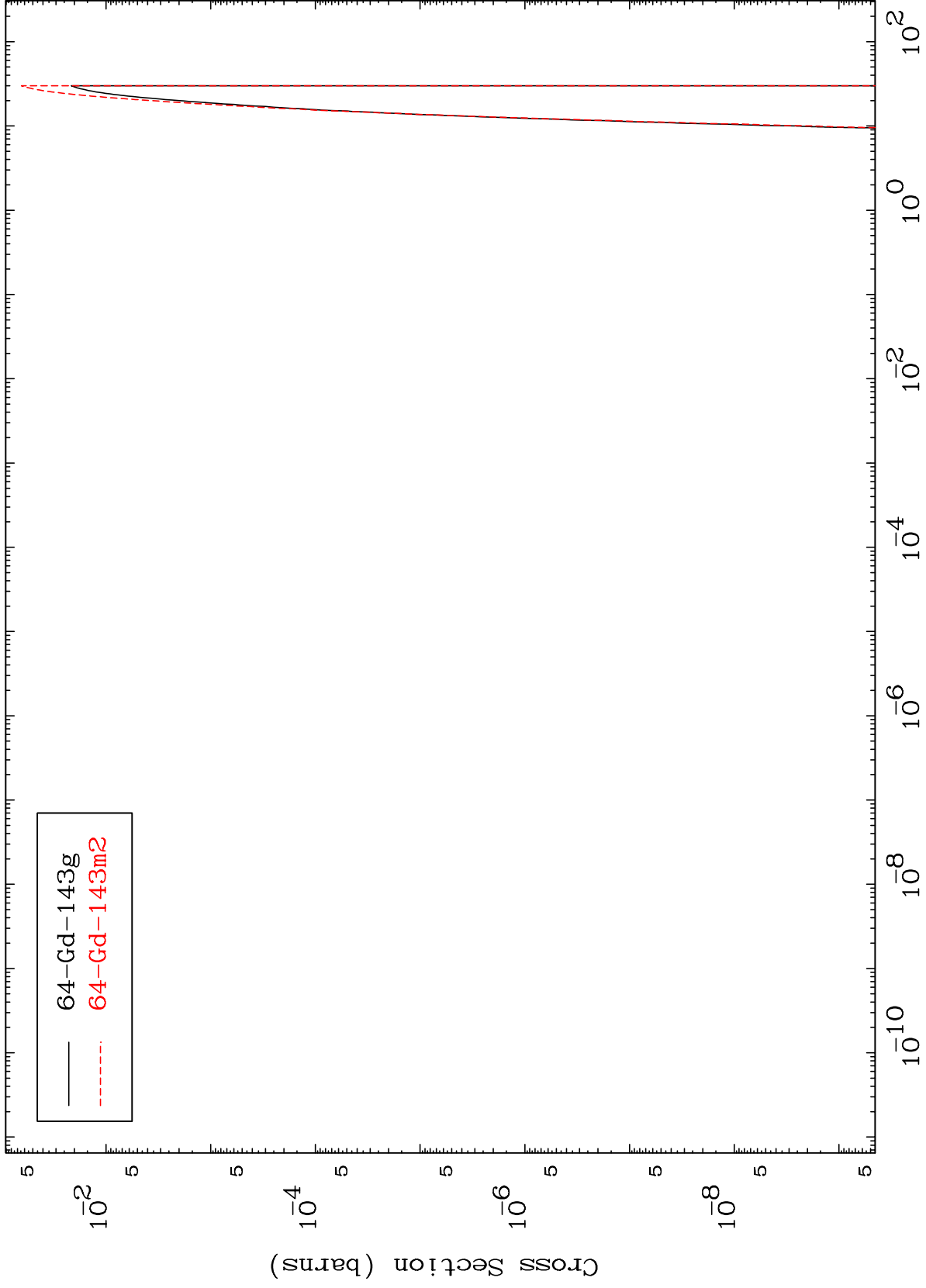
$^{67}\text{Ho-148}$

MAT 6674

(n,n') p α

67-Ho-148

Radionuclide Production Cross Section



73

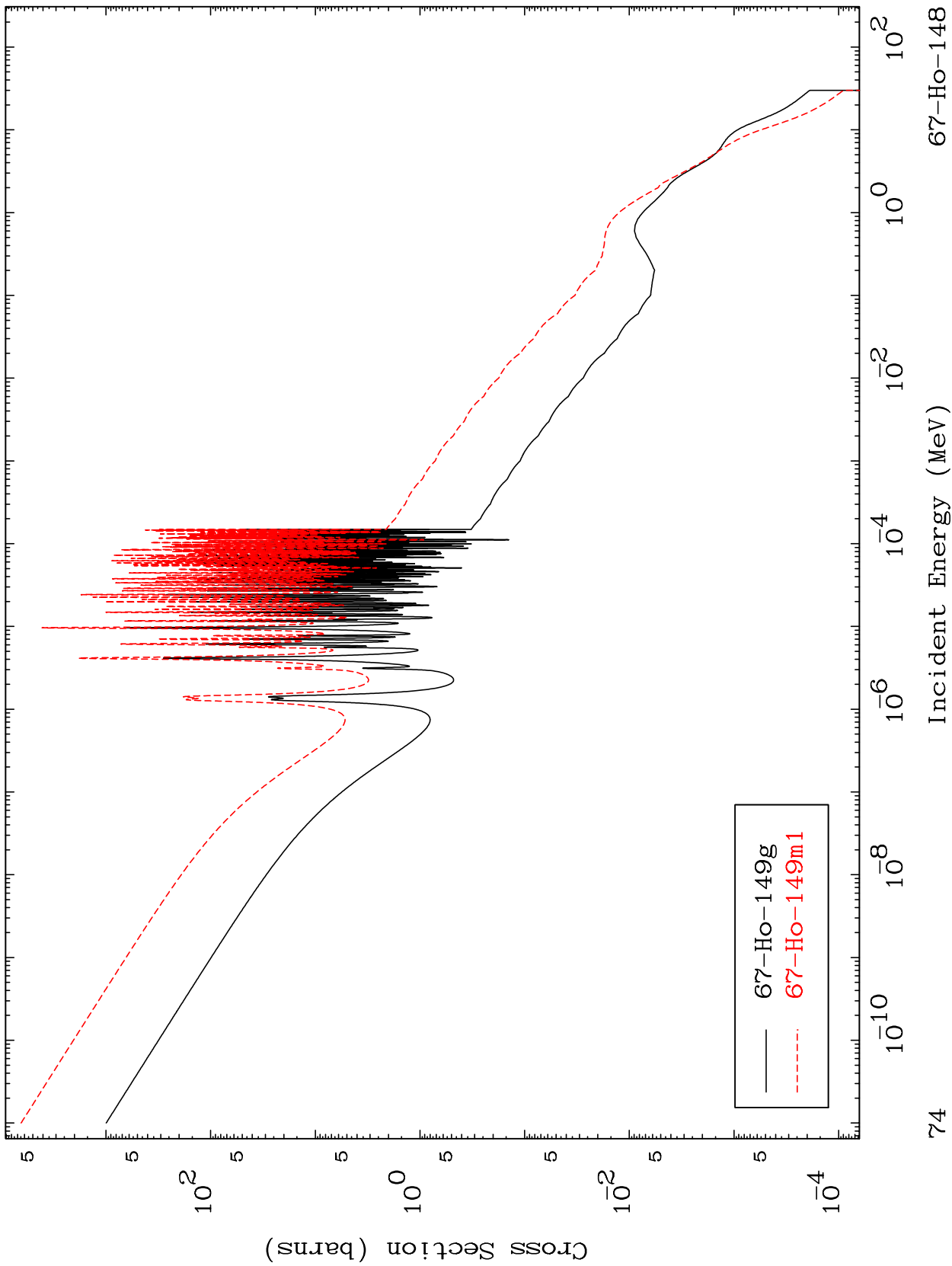
Incident Energy (MeV)

67-Ho-148

MAT 6674

67-Ho-148

(n,γ)
Radionuclide Production Cross Section

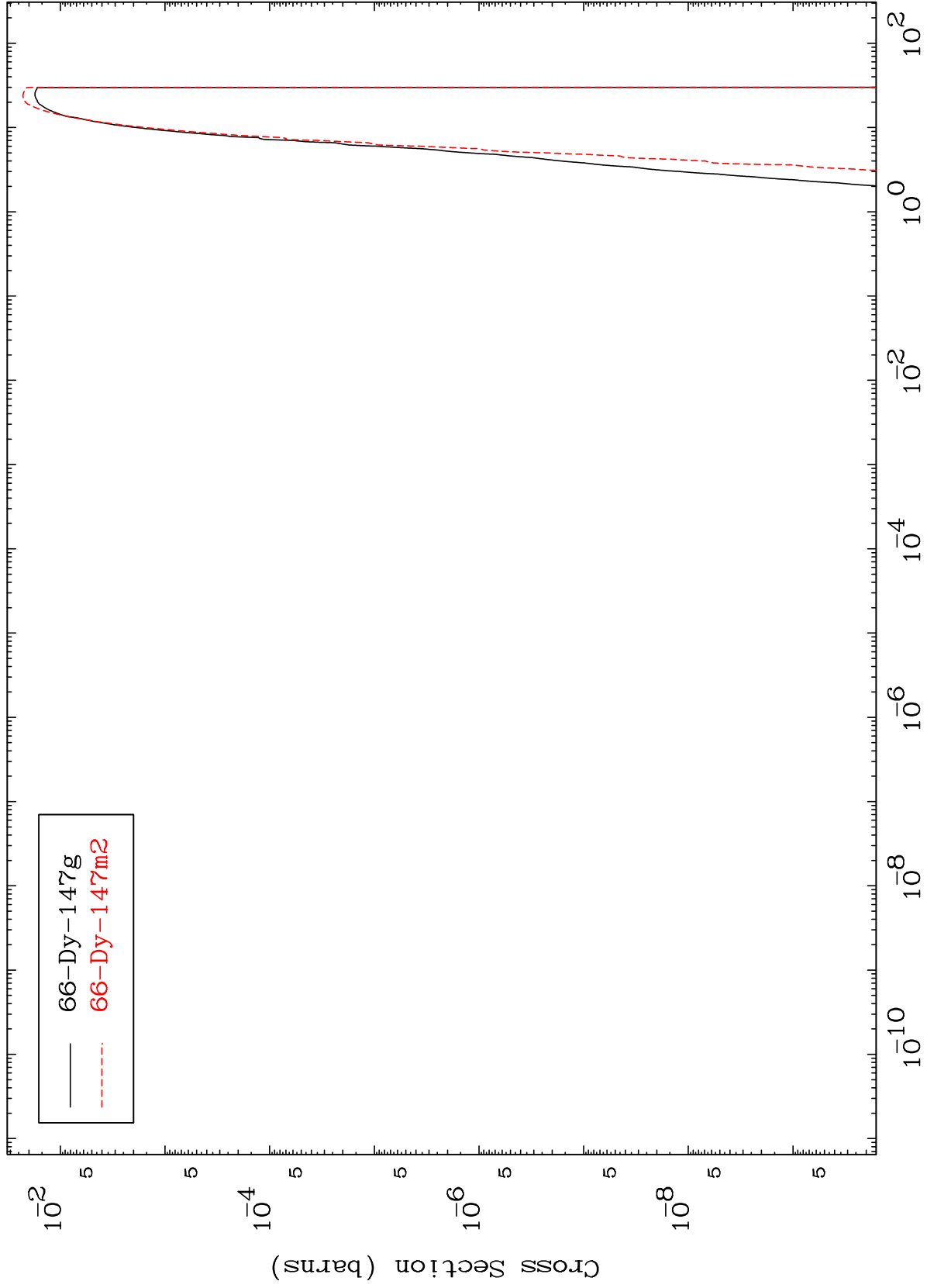


MAT 6674

(n,d)

67-Ho-148

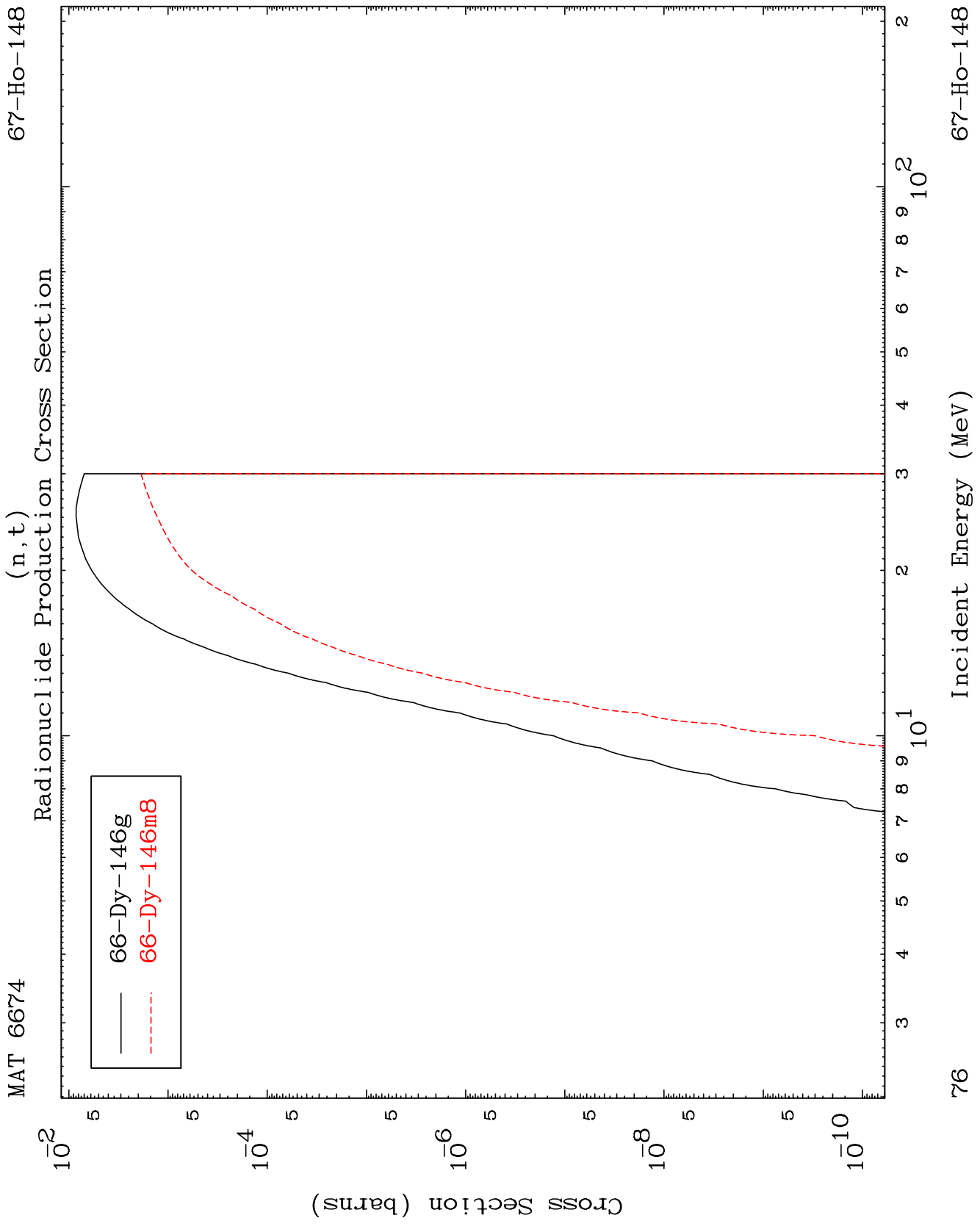
Radionuclide Production Cross Section



75

Incident Energy (MeV)

67-Ho-148

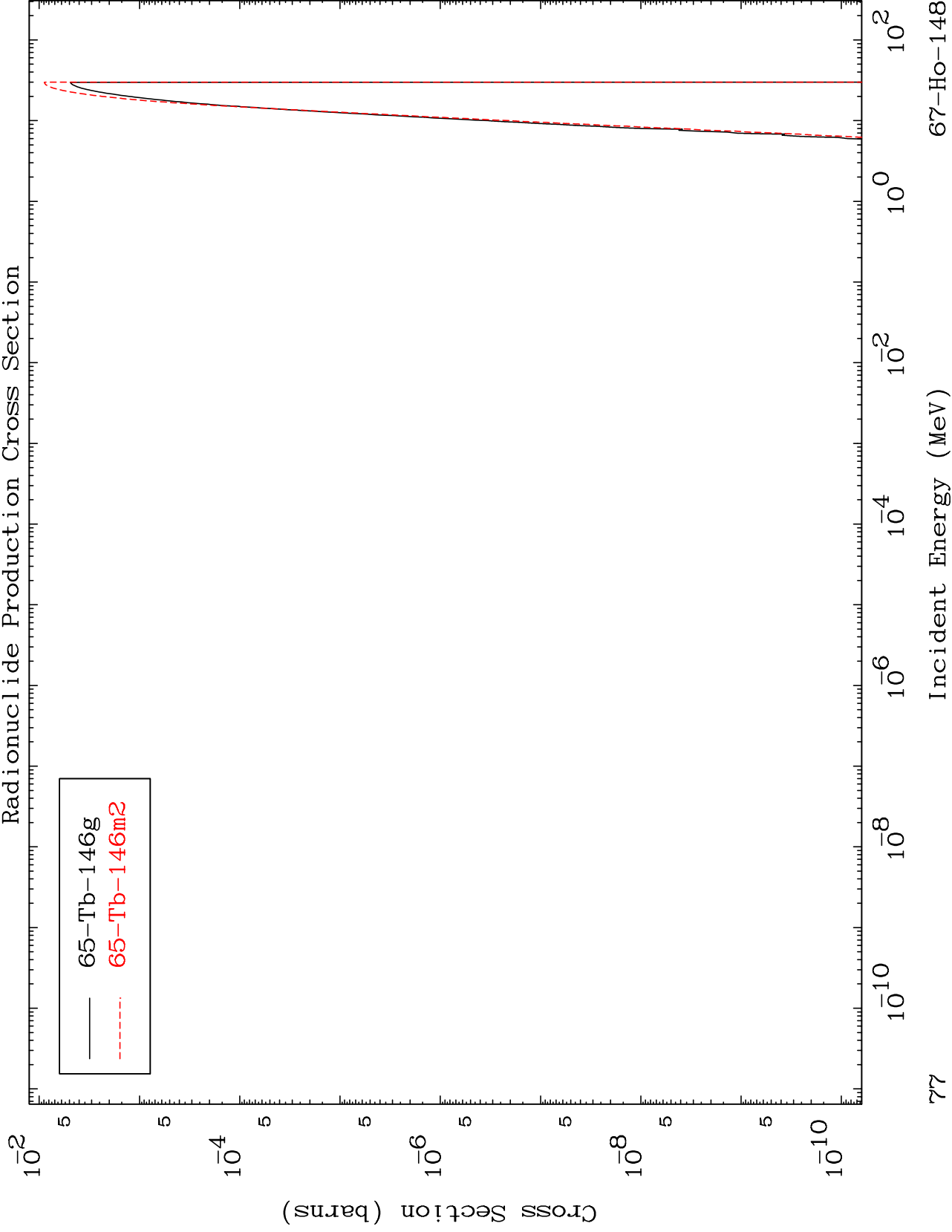


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(n,He-3)

67-Ho-148

Radionuclide Production Cross Section



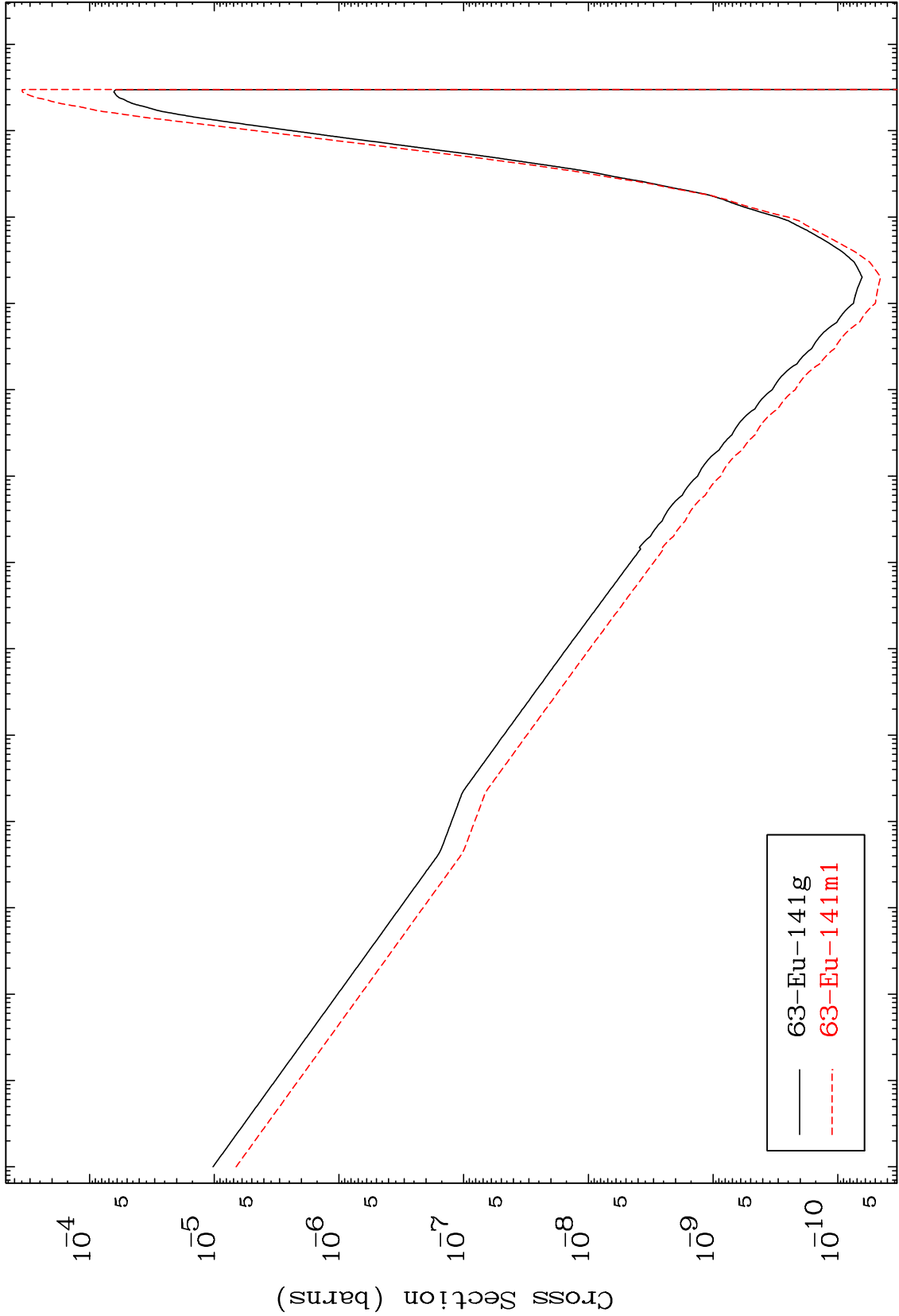
65-Tb-146g
65-Tb-146m2

MAT 6674

(n,2α)

67-Ho-148

Radionuclide Production Cross Section



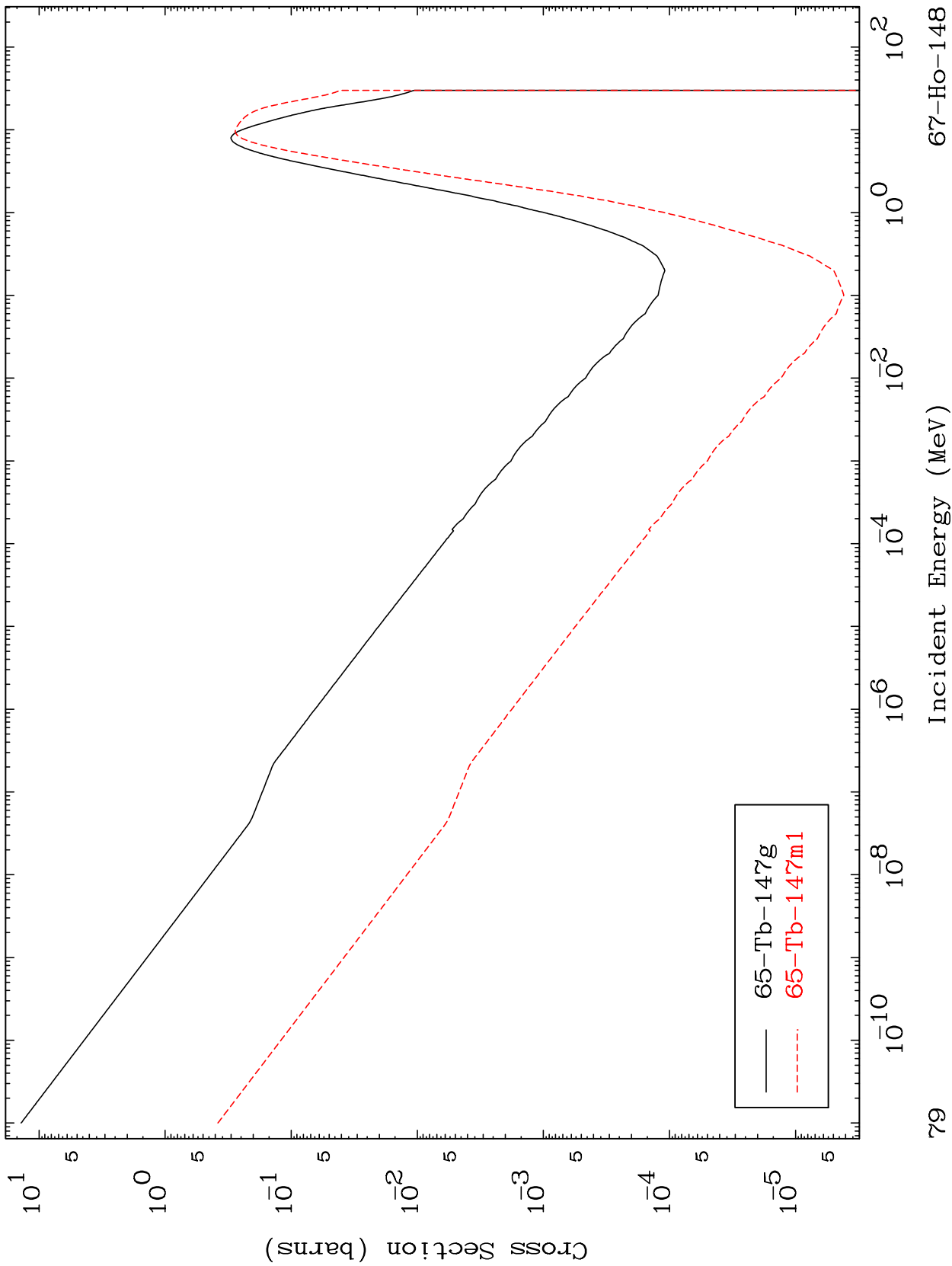
67-Ho-148

MAT 6674

(n,2p)

67-Ho-148

Radionuclide Production Cross Section



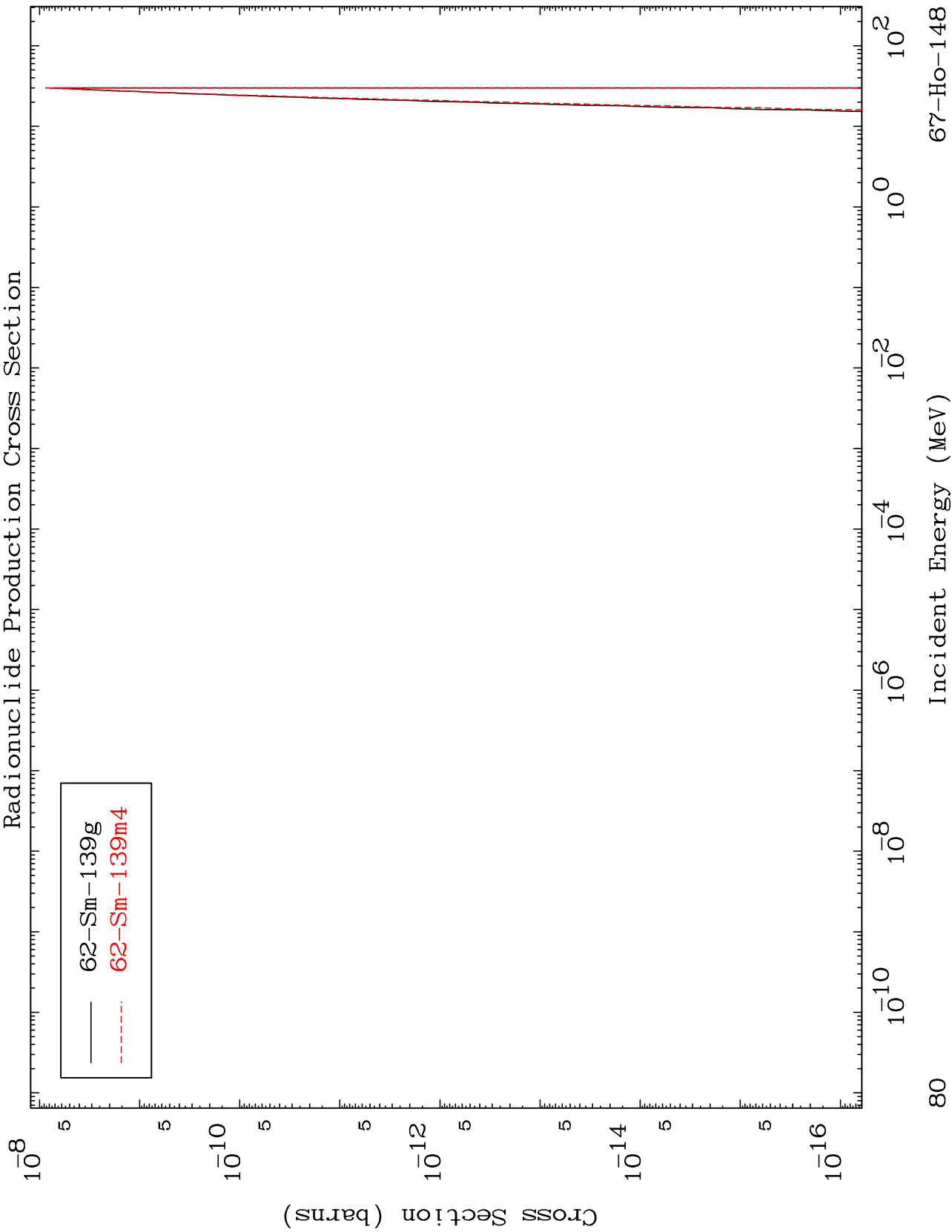
65-Tb-147g
65-Tb-147m1

MAT 6674

(n,d) 2α

$^{67}\text{Ho-148}$

Radionuclide Production Cross Section

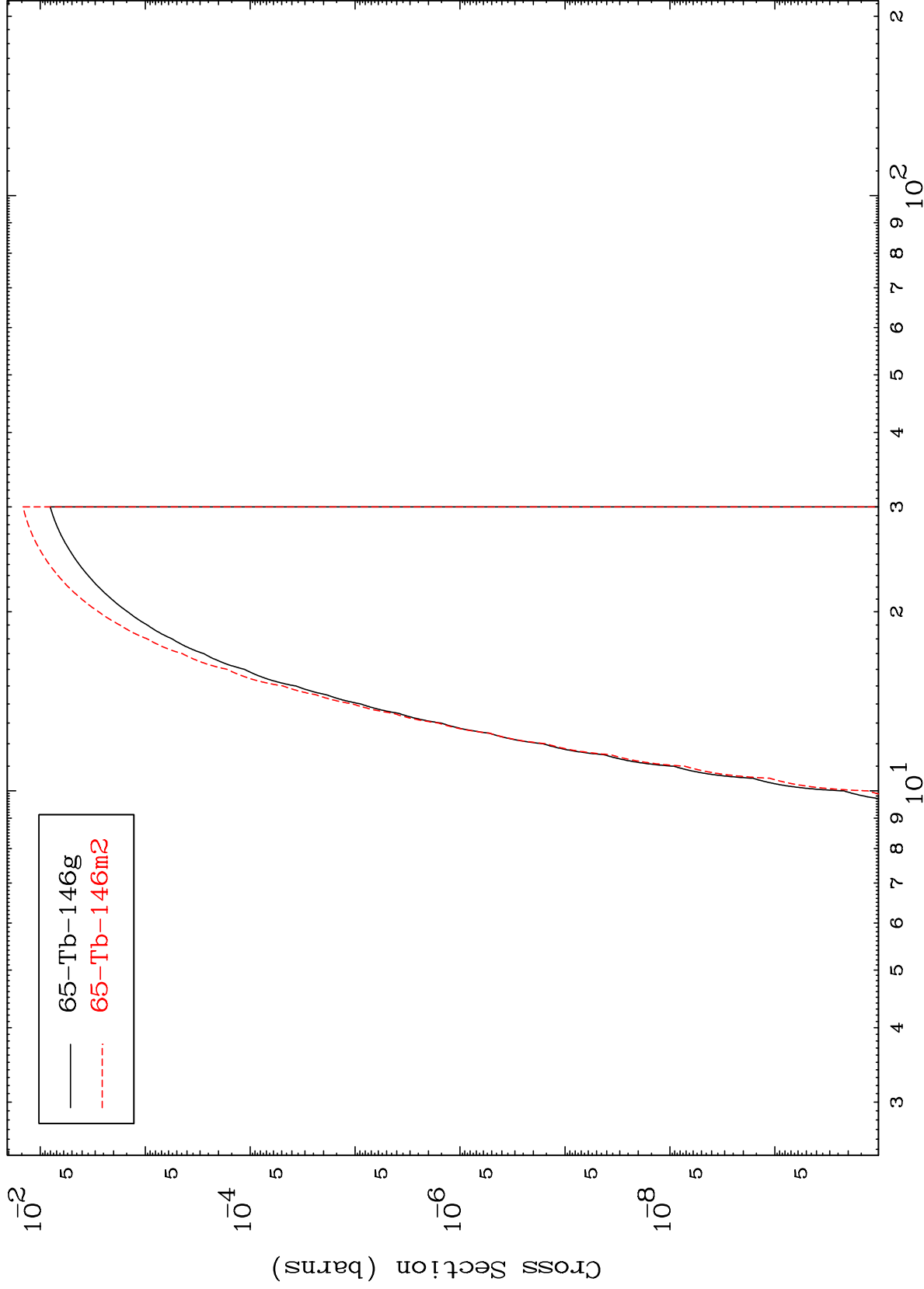


MAT 6674

(n,p) d

⁶⁷Ho-148

Radionuclide Production Cross Section



81

Incident Energy (MeV)

⁶⁷Ho-148

MAT 6674

(n,d) α

$^{67}\text{Ho-148}$

Radionuclide Production Cross Section

