

Program EVALPLOT
(Version 2015-2)

by

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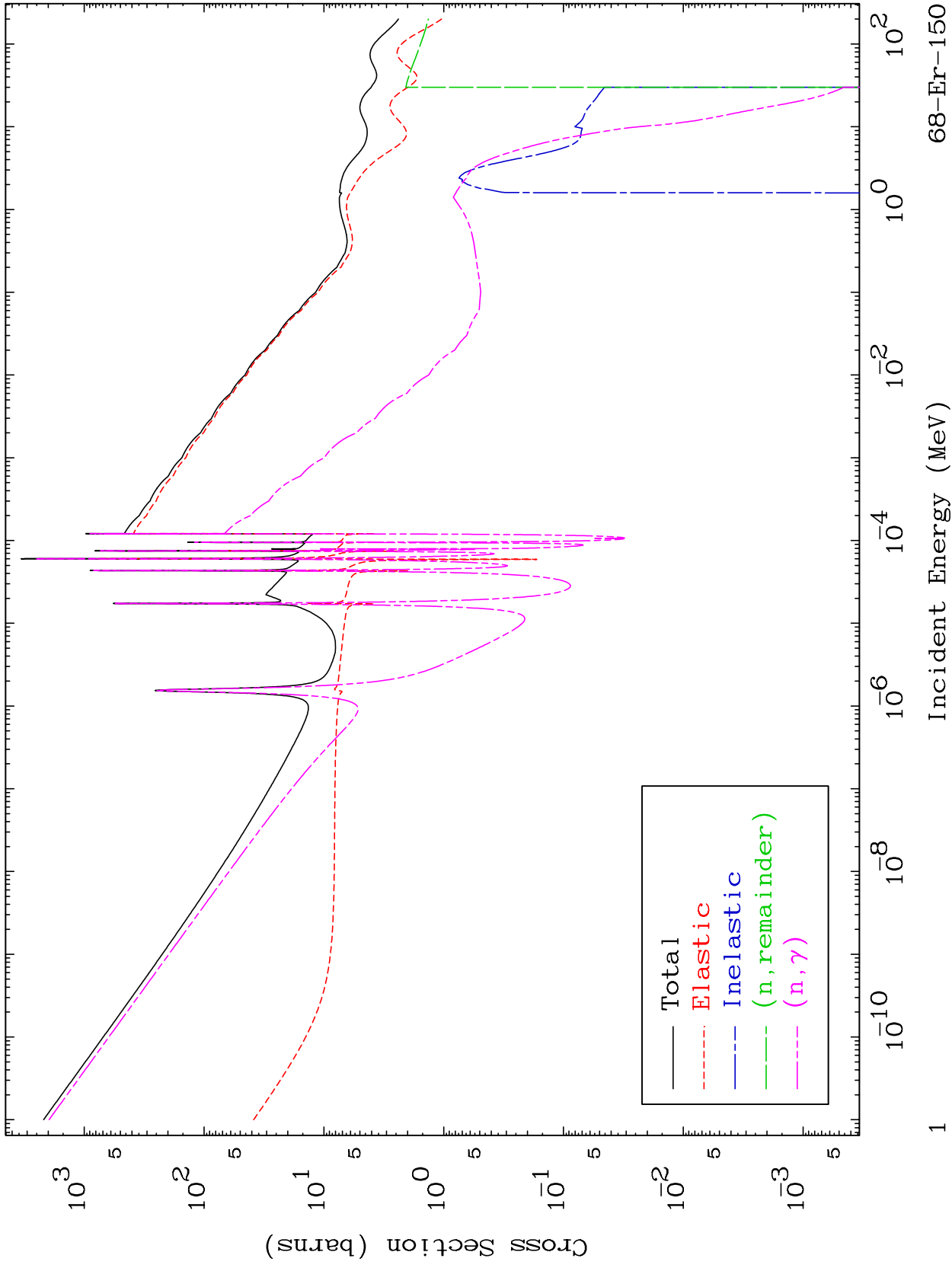
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 6789

Major
293 Kelvin Cross Sections

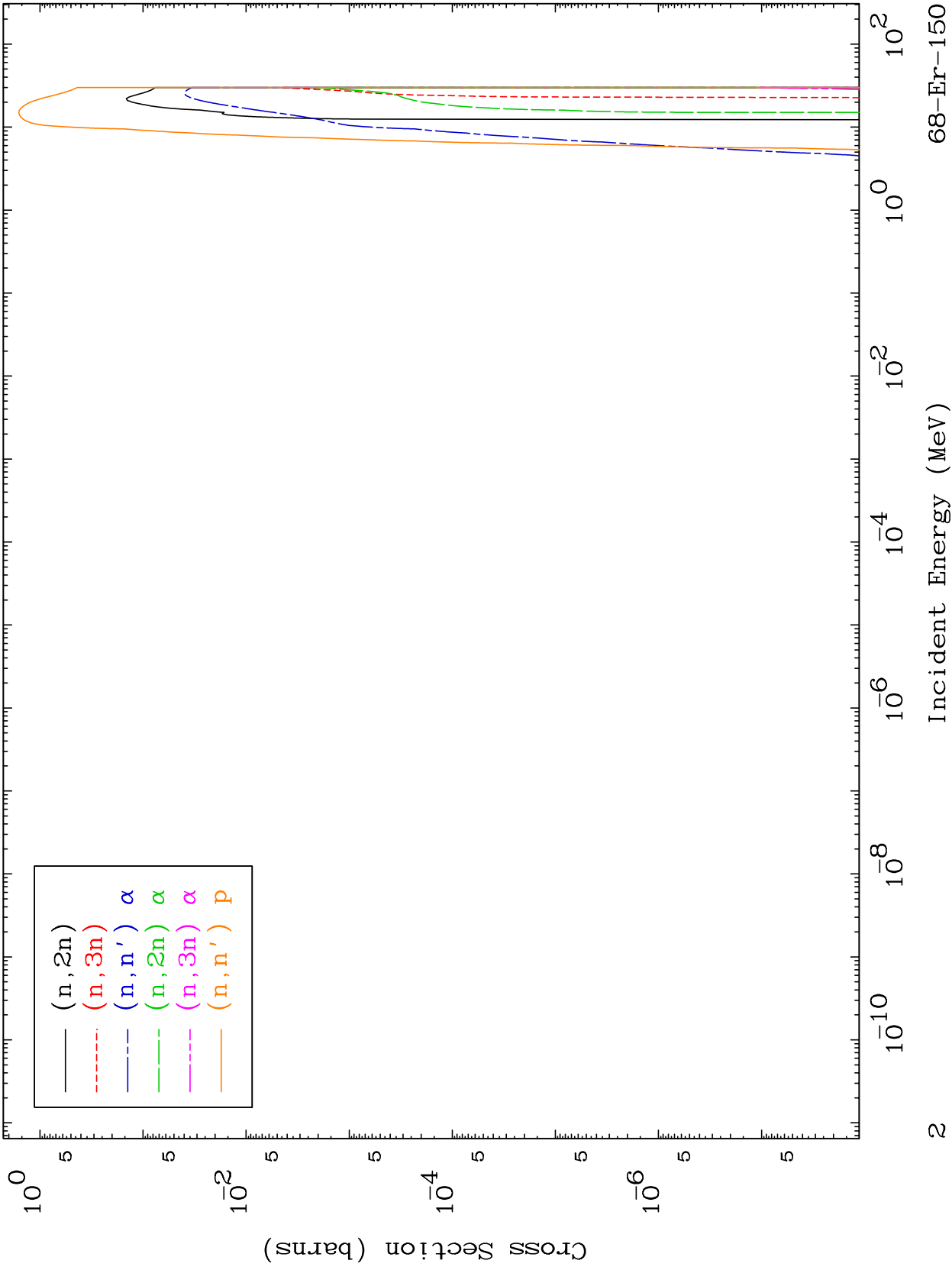
68-Er-150



MAT 6789

Neutron Production
293 Kelvin Cross Sections

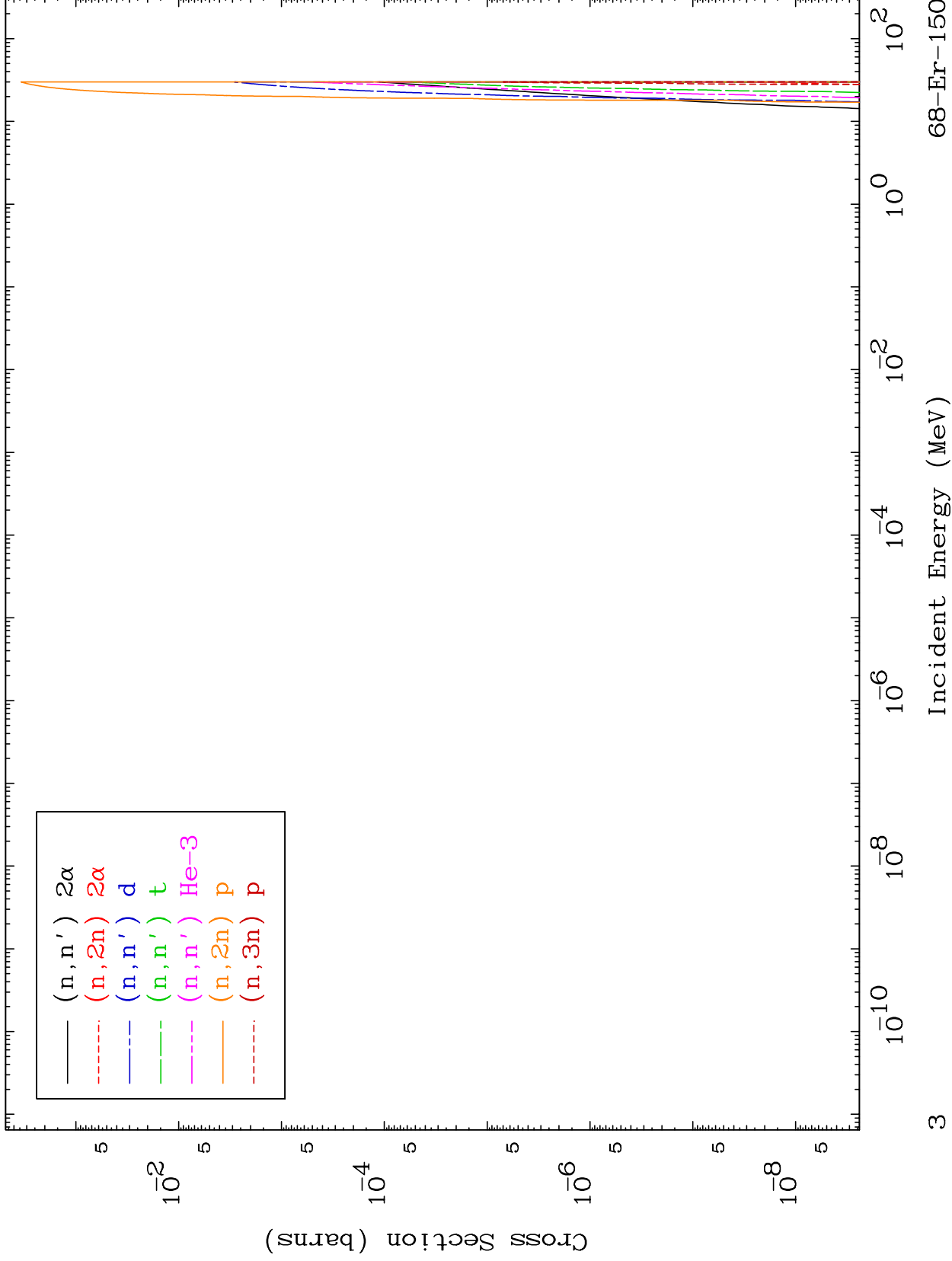
68-Er-150



MAT 6789

Neutron Production
293 Kelvin Cross Sections

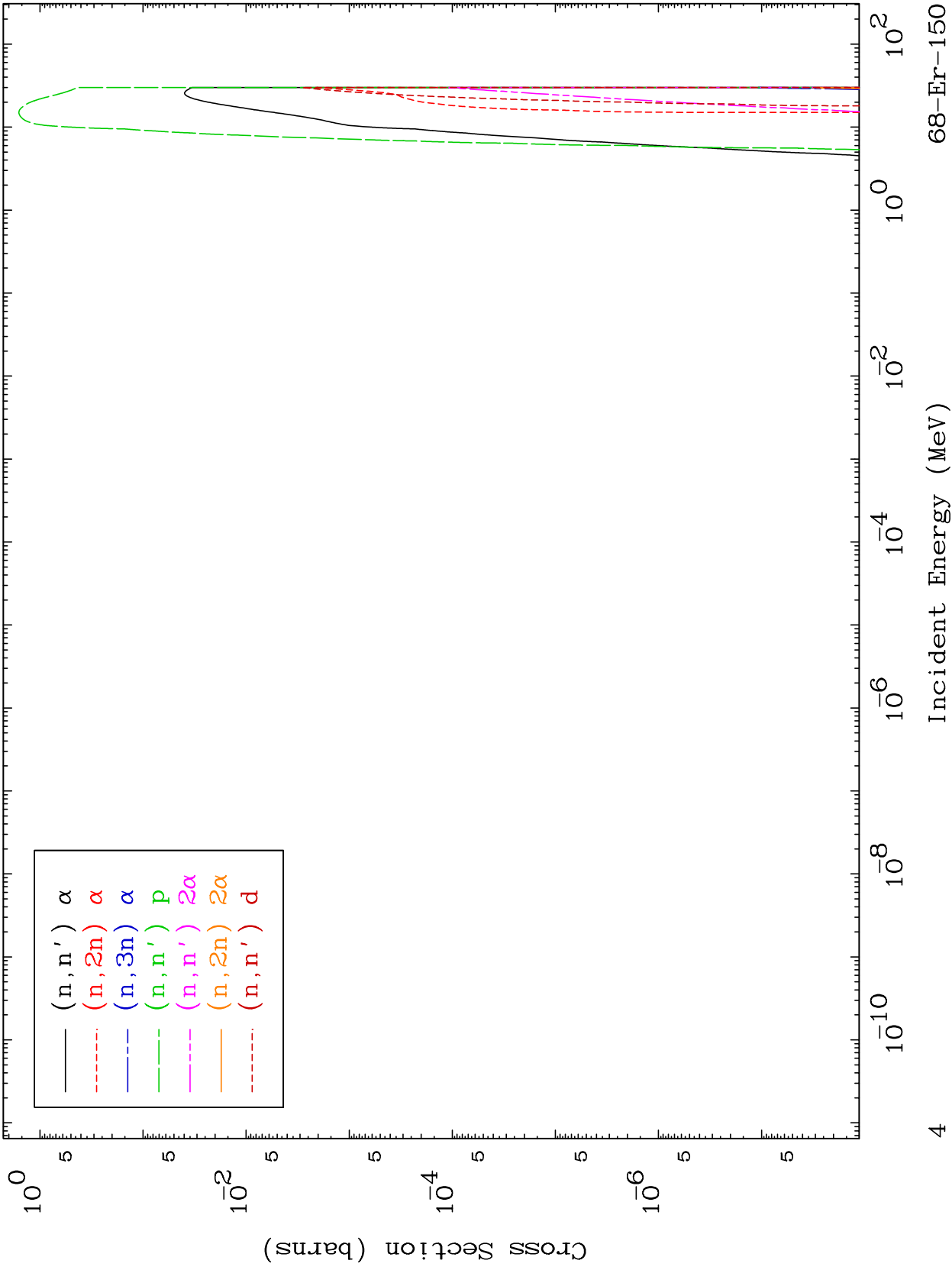
68-Er-150

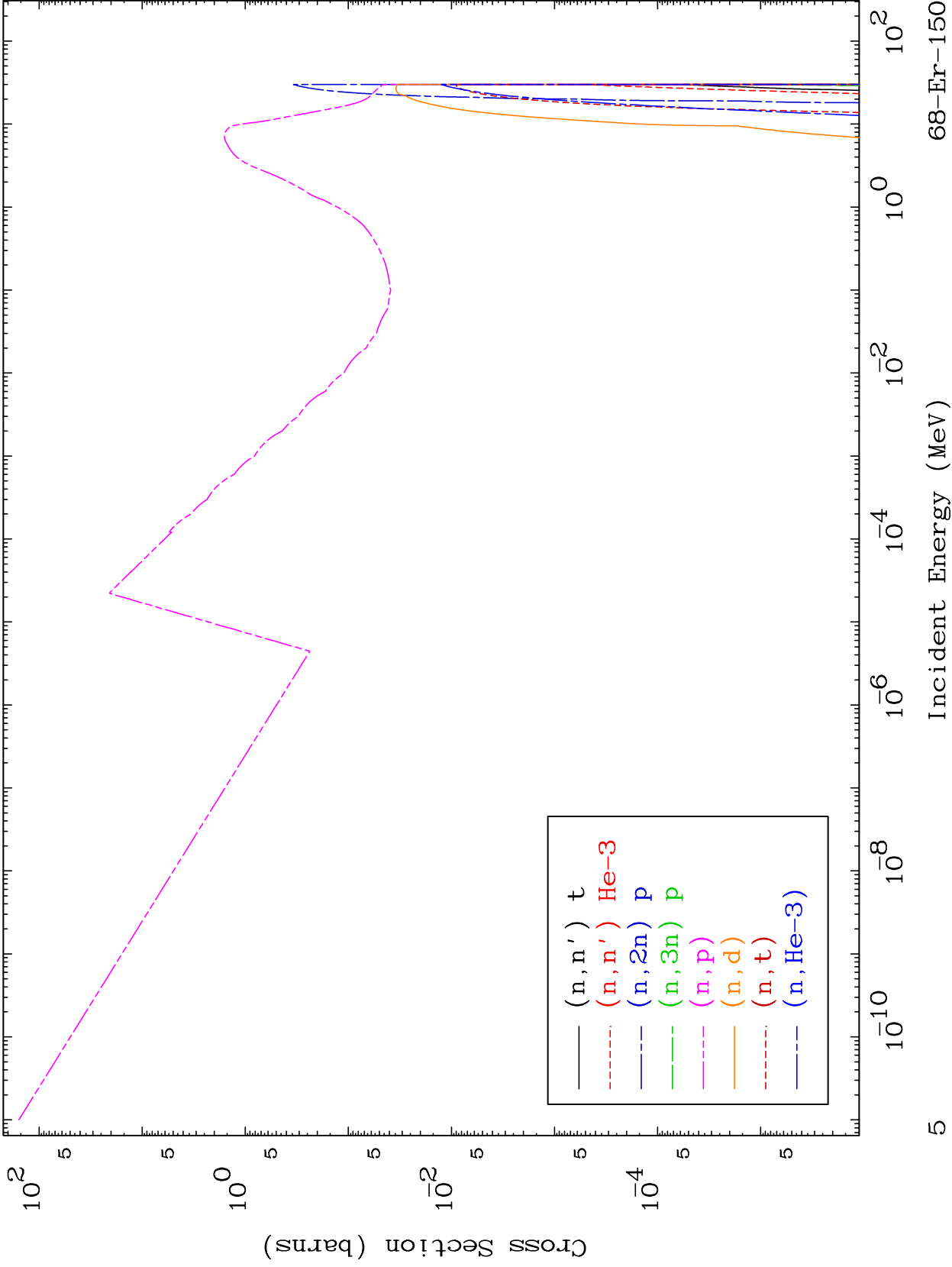


MAT 6789

Charged Particle
293 Kelvin Cross Sections

68-Er-150

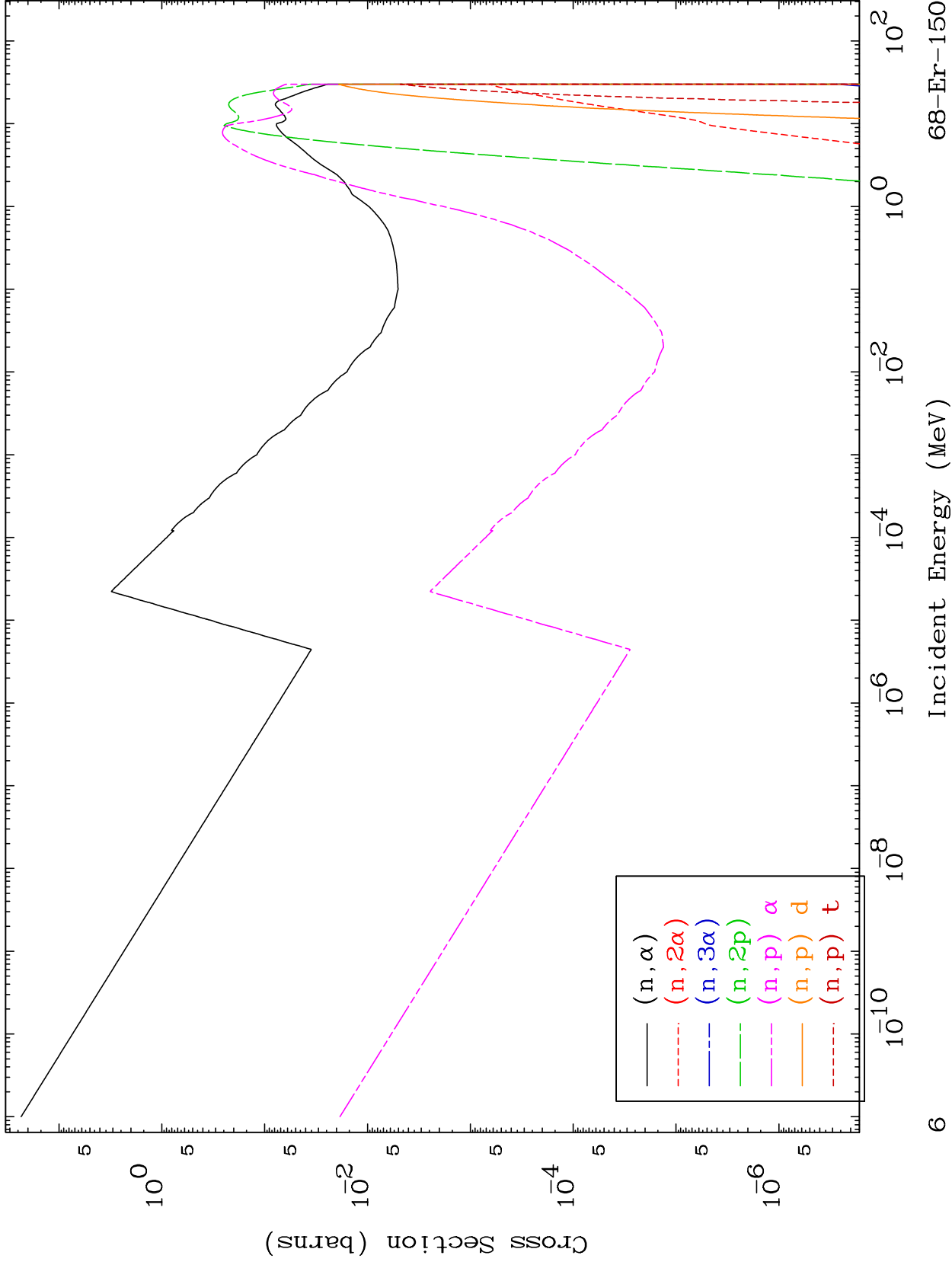




MAT 6789

Charged Particle
293 Kelvin Cross Sections

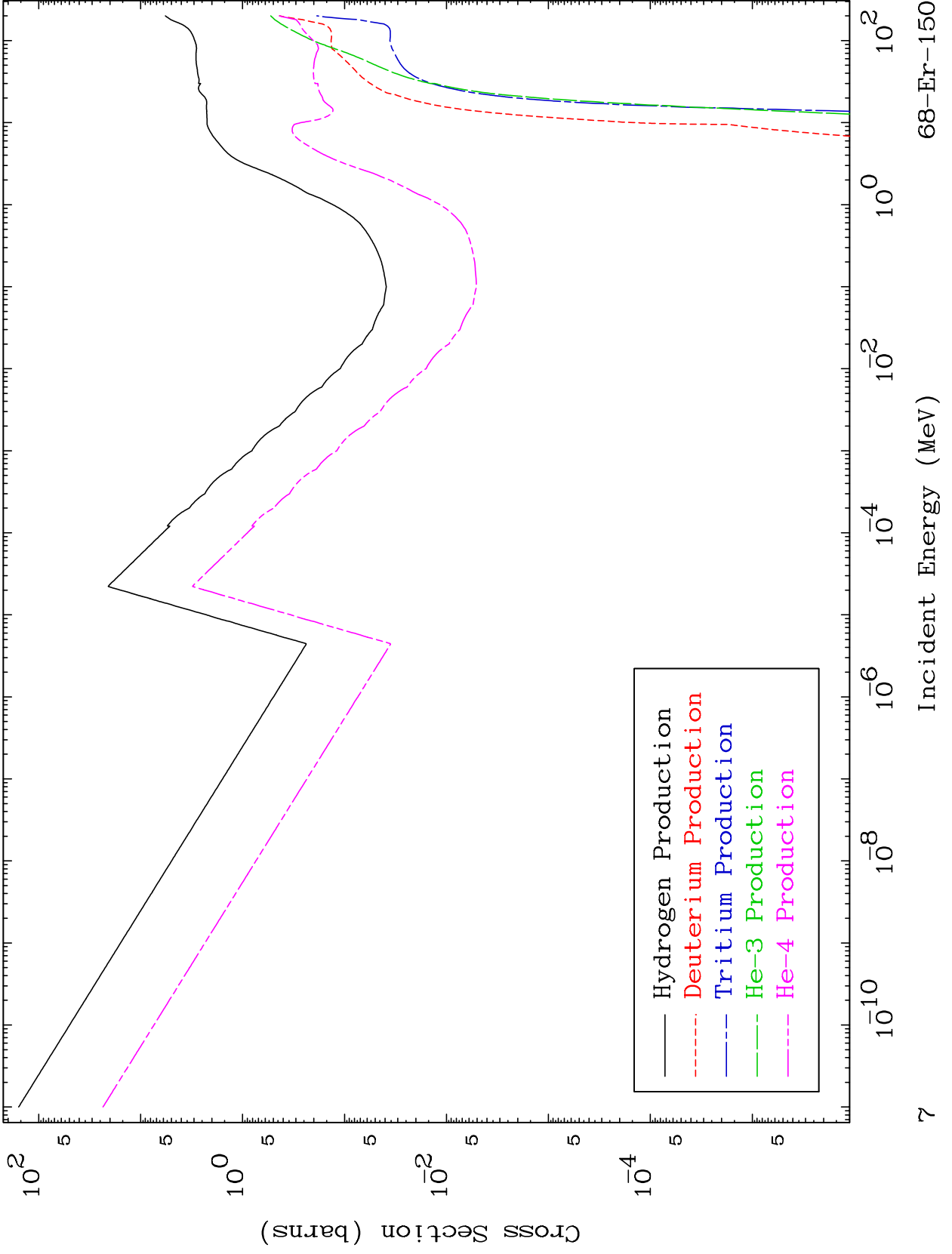
68-Er-150



MAT 6789

Particle Production
293 Kelvin Cross Sections

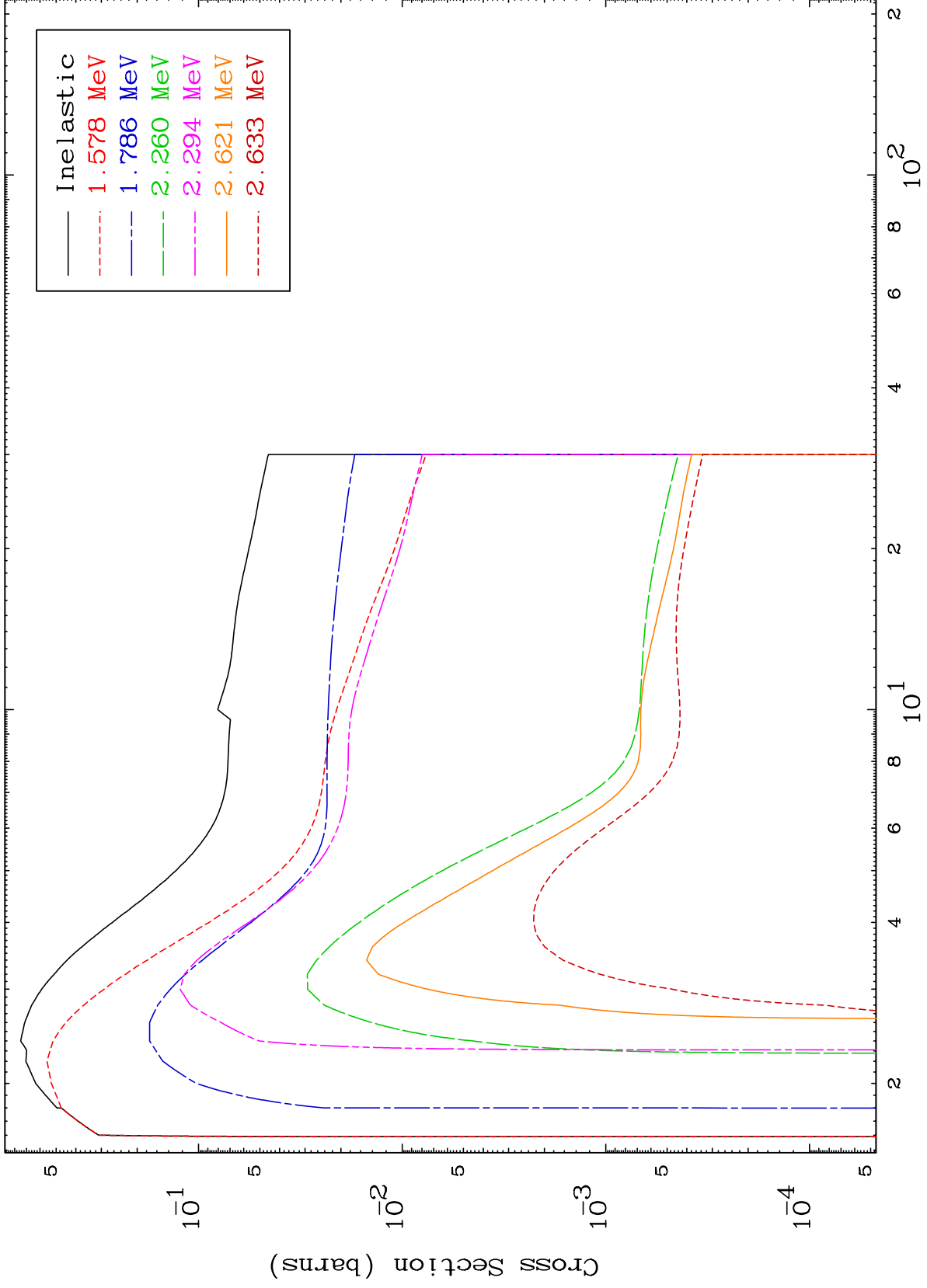
68-Er-150



MAT 6789

(n,n') Level
293 Kelvin Cross Sections

68-Er-150



8

Incident Energy (MeV)

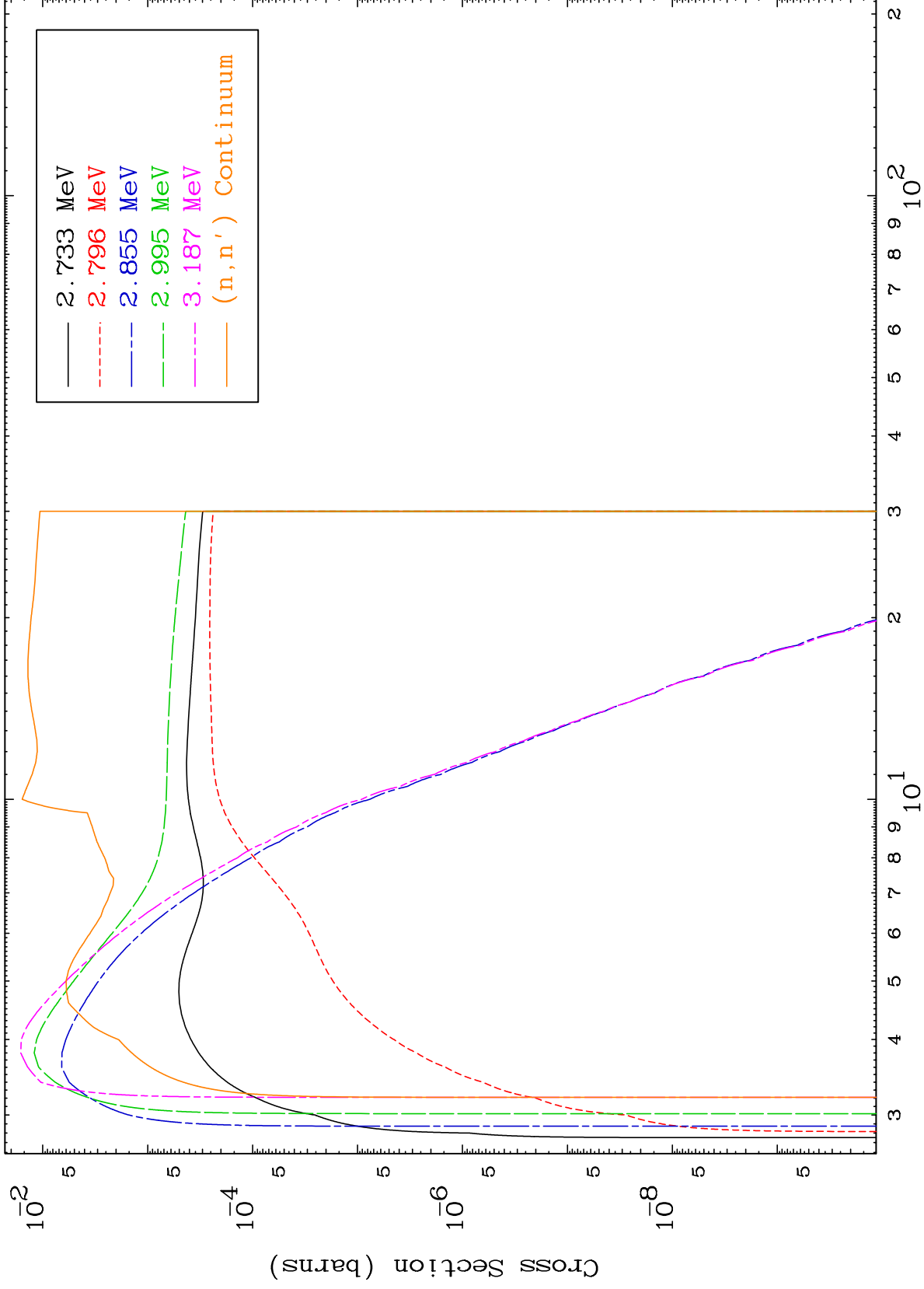
68-Er-150

MAT 6789

(n,n') Level

68-Er-150

293 Kelvin Cross Sections



9

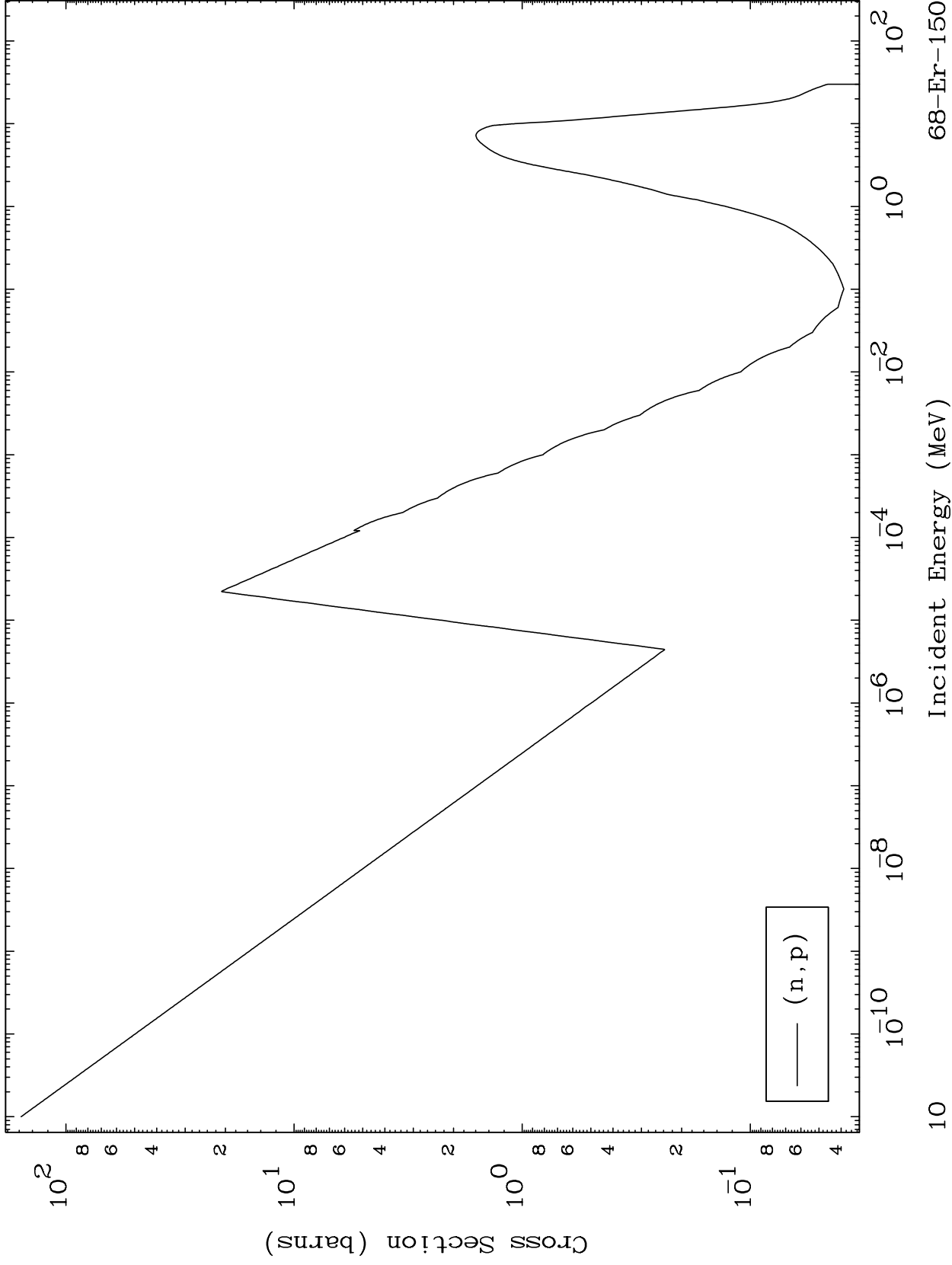
Incident Energy (MeV)

68-Er-150

MAT 6789

(n,p) Levels
293 Kelvin Cross Sections

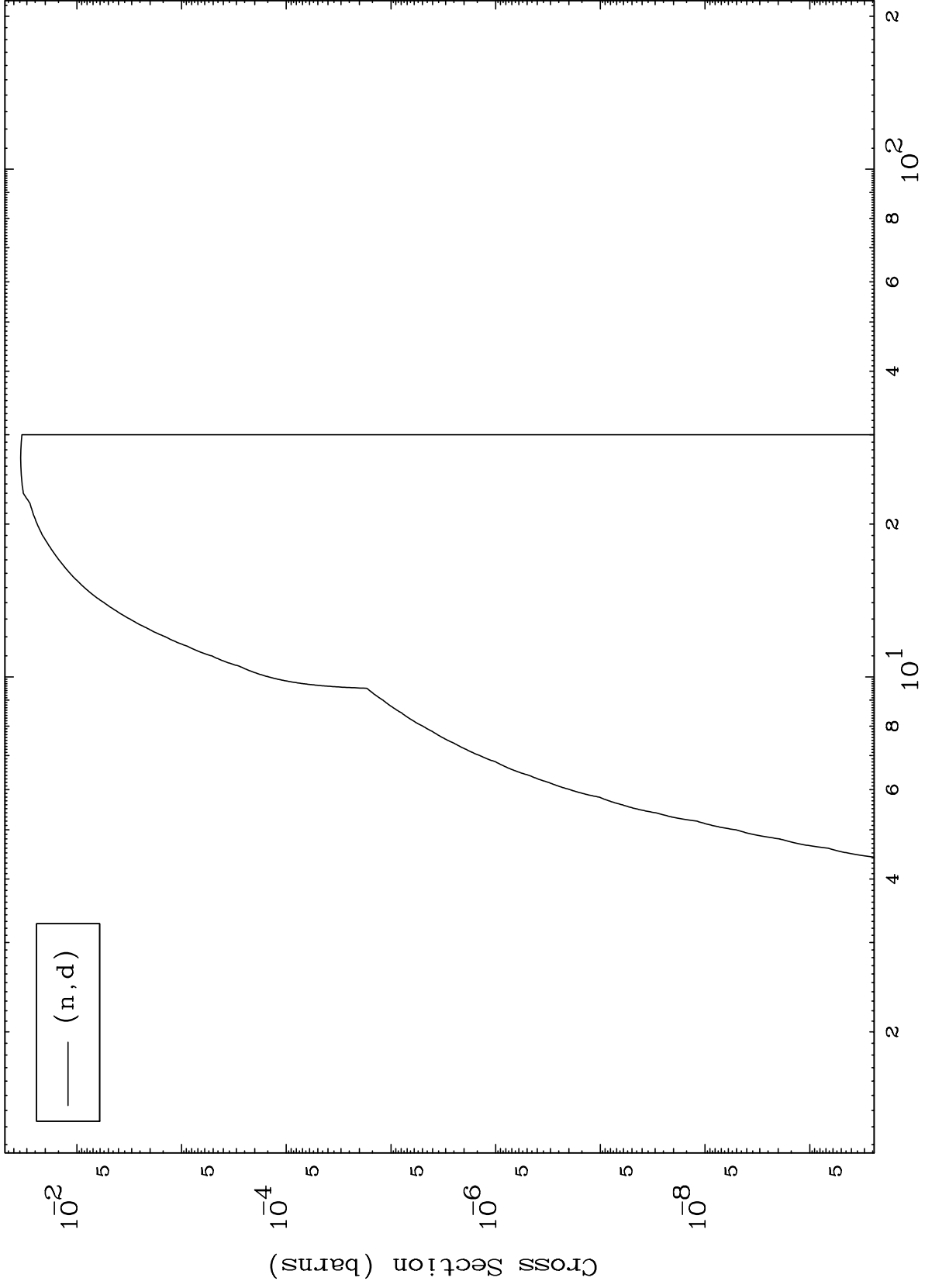
68-Er-150



MAT 6789

(n,d) Levels
293 Kelvin Cross Sections

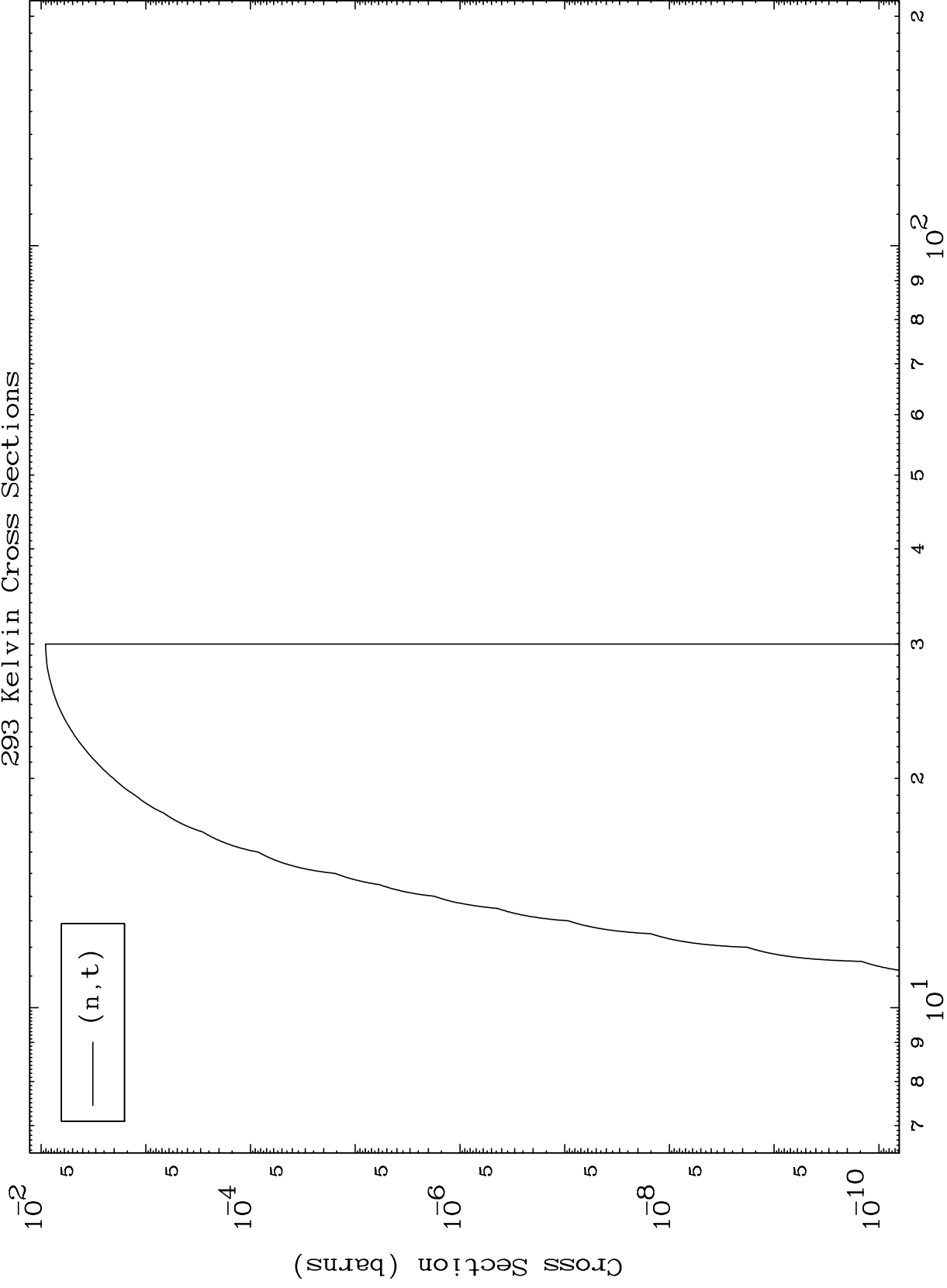
68-Er-150



MAT 6789

(n,t) Levels
293 Kelvin Cross Sections

68-Er-150



12

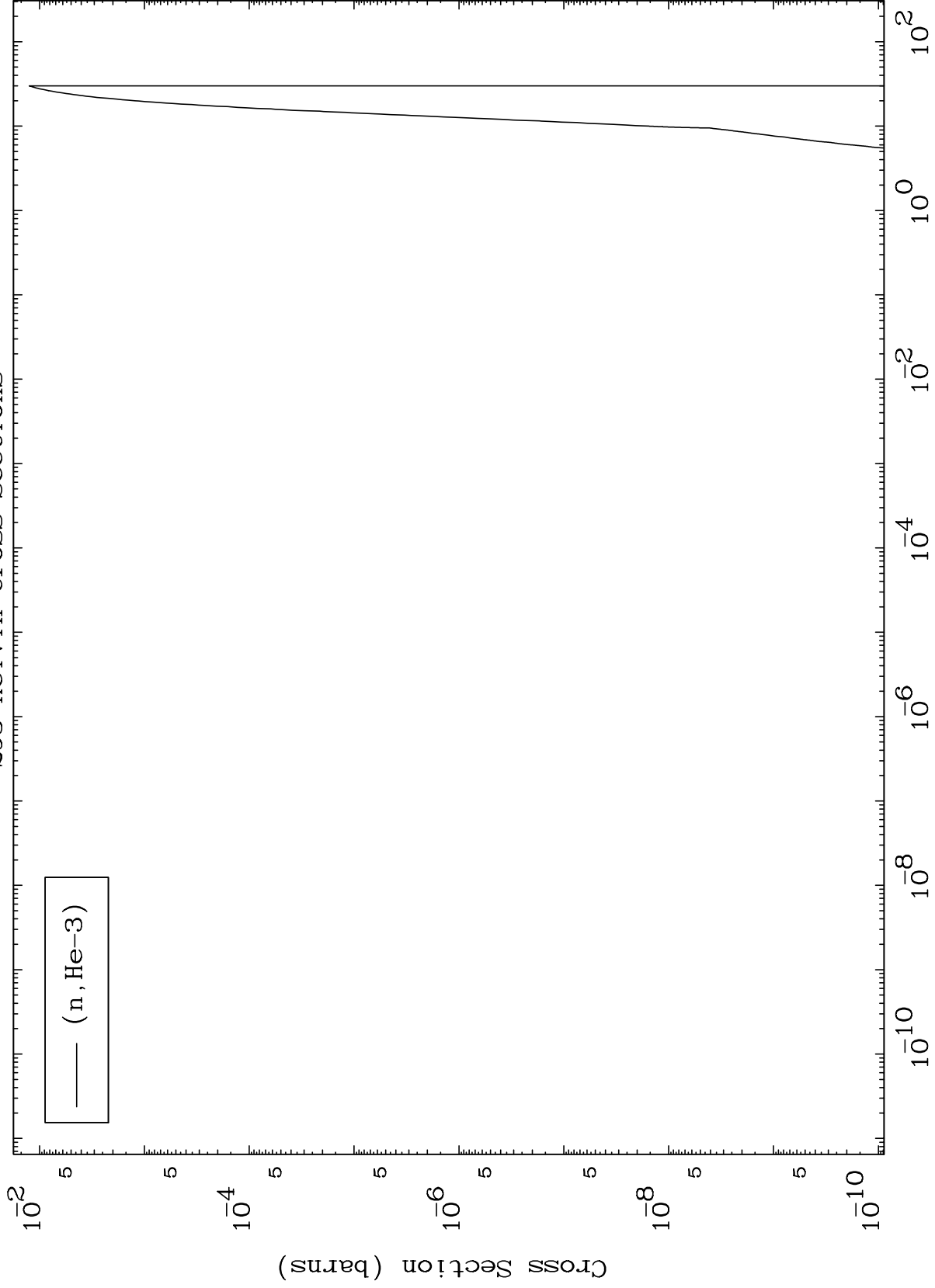
Incident Energy (MeV)

68-Er-150

MAT 6789

(n,He3) Levels
293 Kelvin Cross Sections

68-Er-150

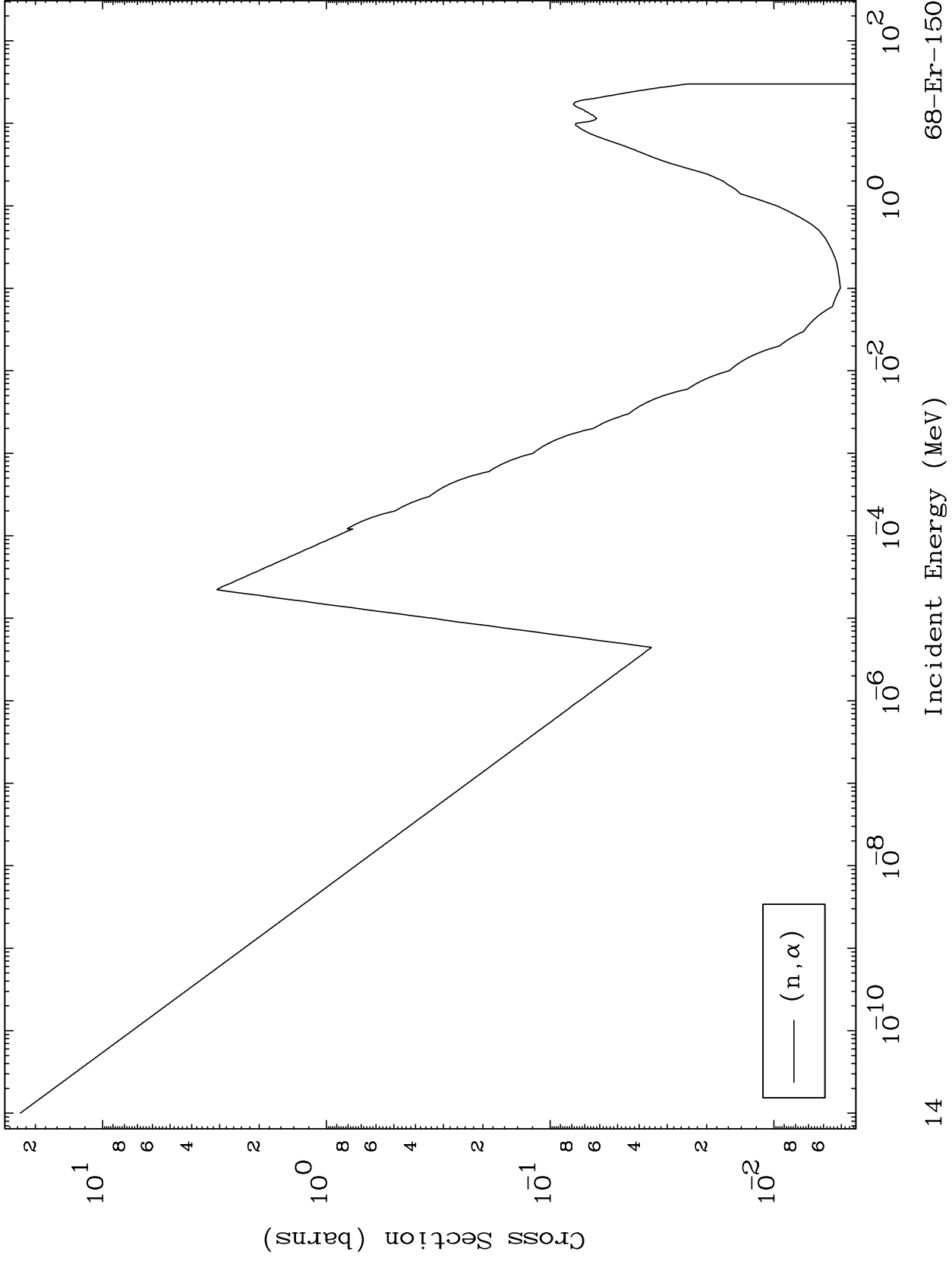


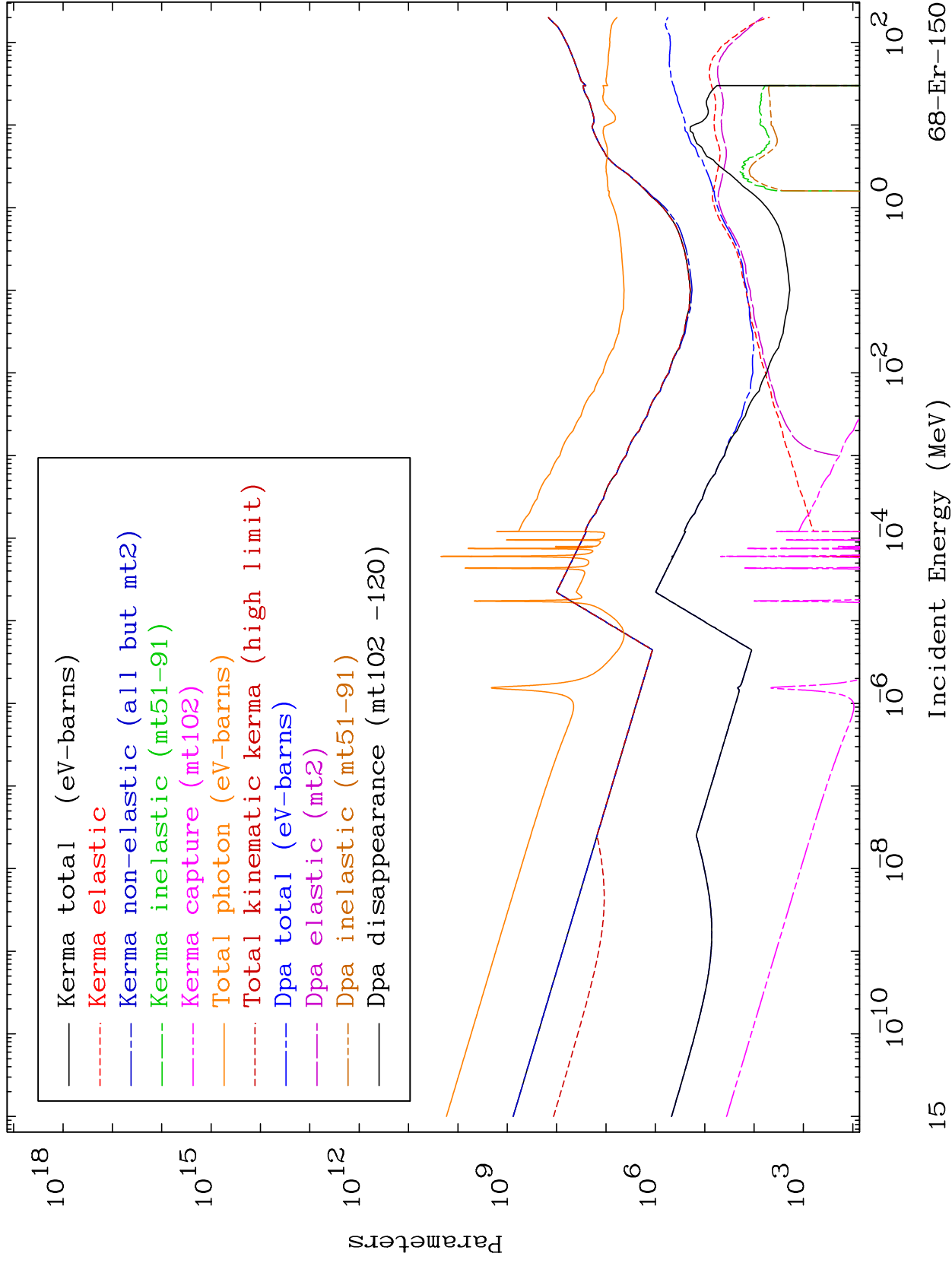
(n, He-3)

MAT 6789

(n,α) Levels
293 Kelvin Cross Sections

68-Er-150

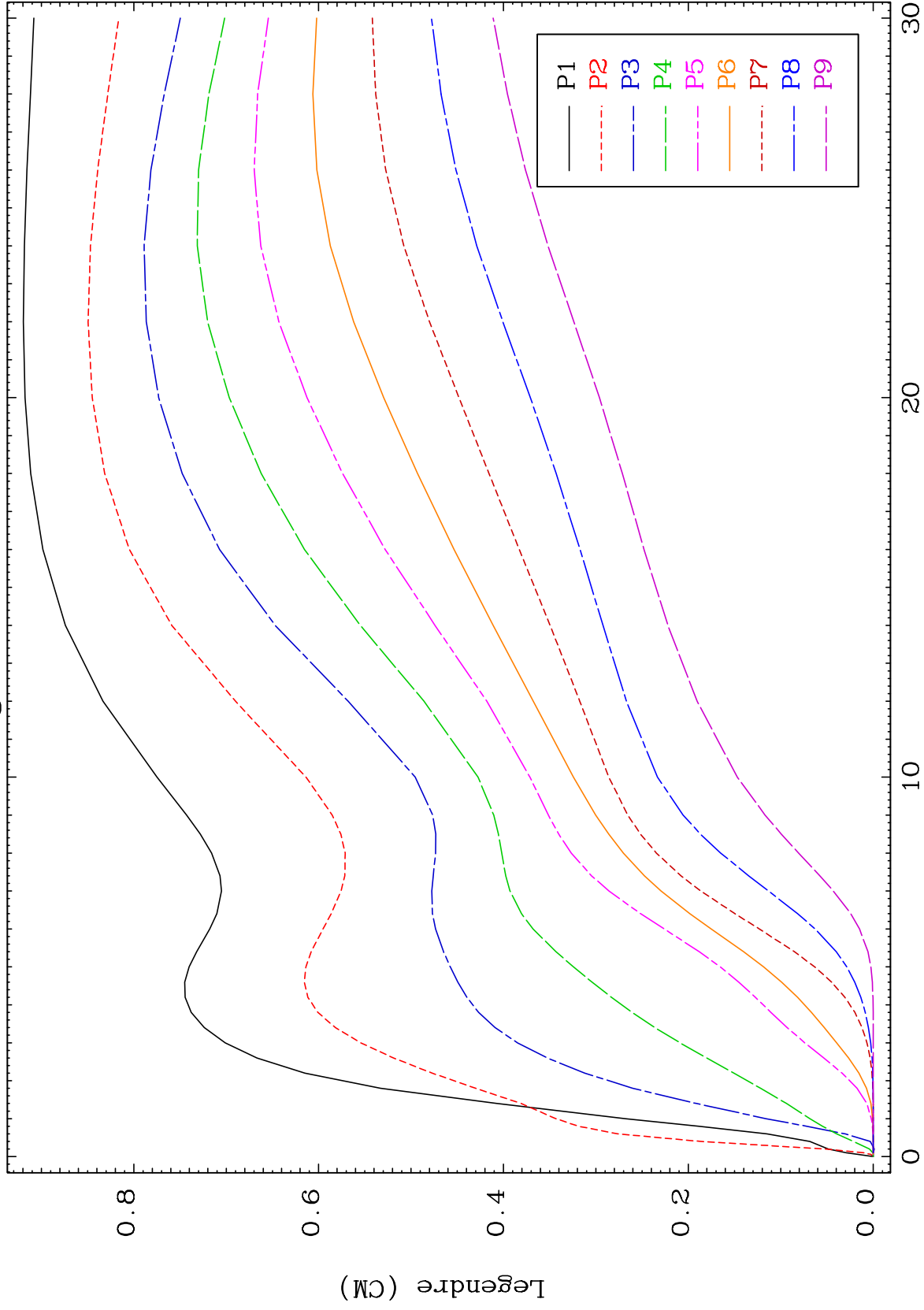




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Elastic Legendre Coefficients

68-Er-150



16

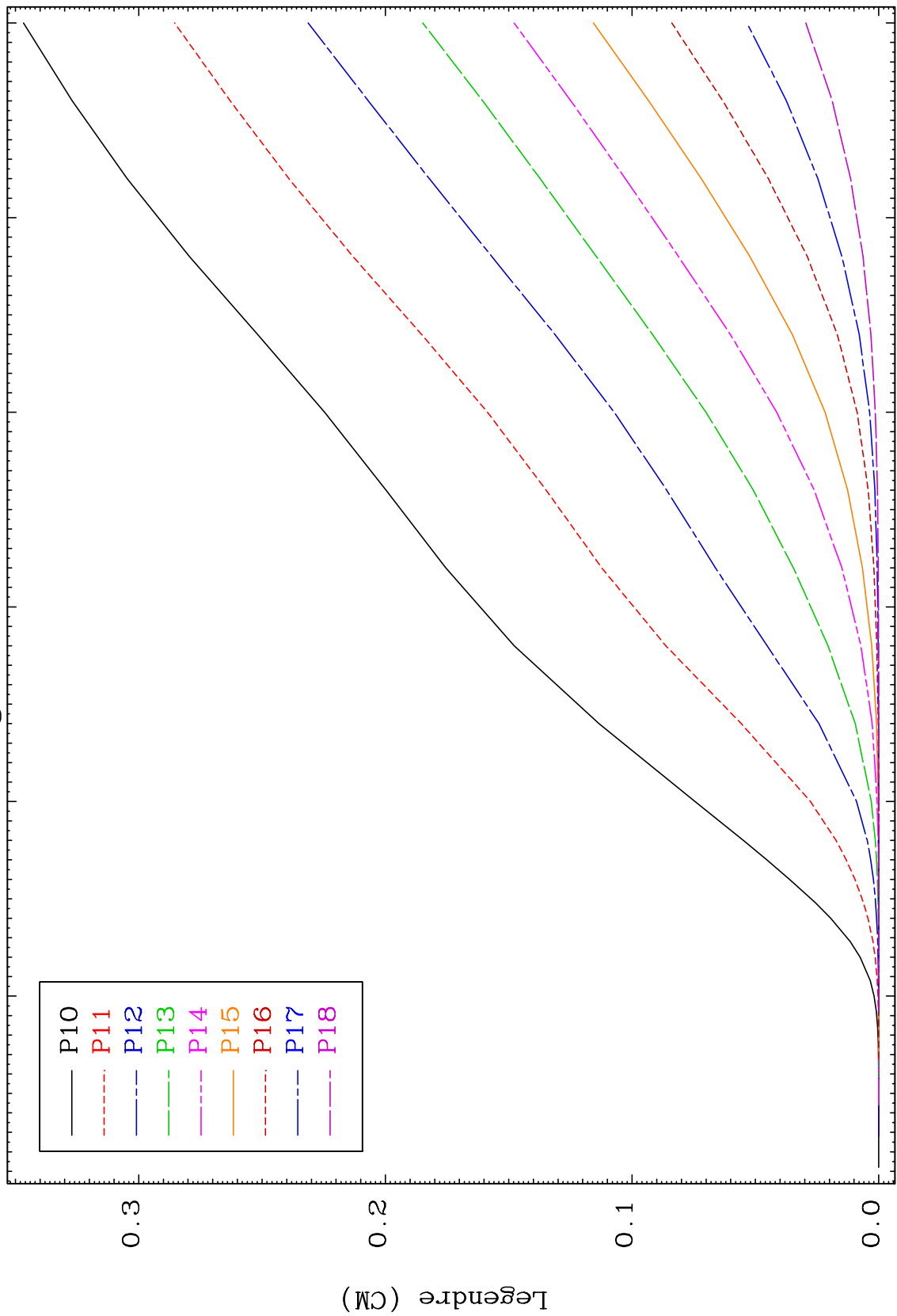
Incident Energy (MeV)

68-Er-150

MAT 6789

Elastic Legendre Coefficients

68-Er-150



17

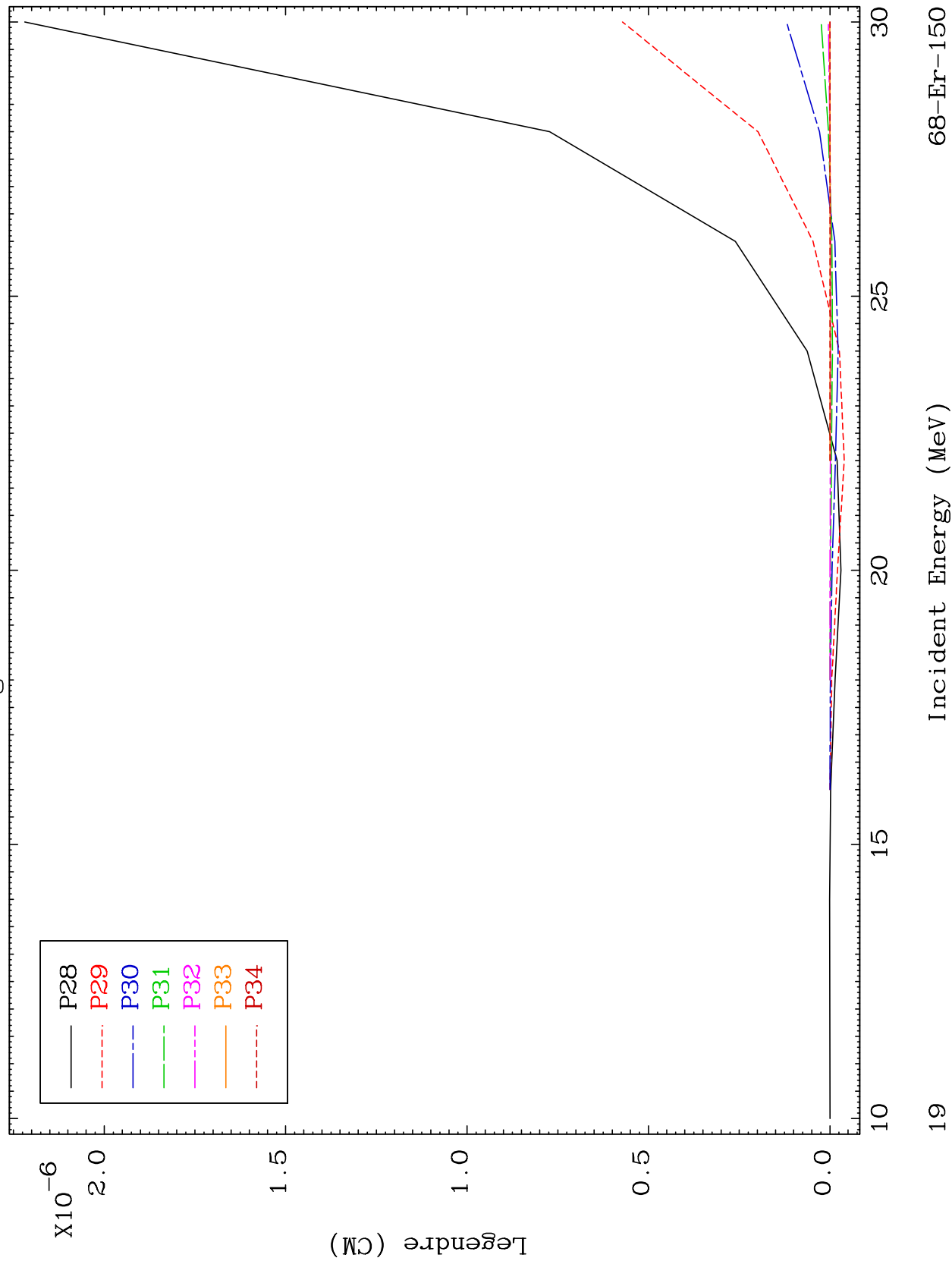
Incident Energy (MeV)

68-Er-150

MAT 6789

Elastic Legendre Coefficients

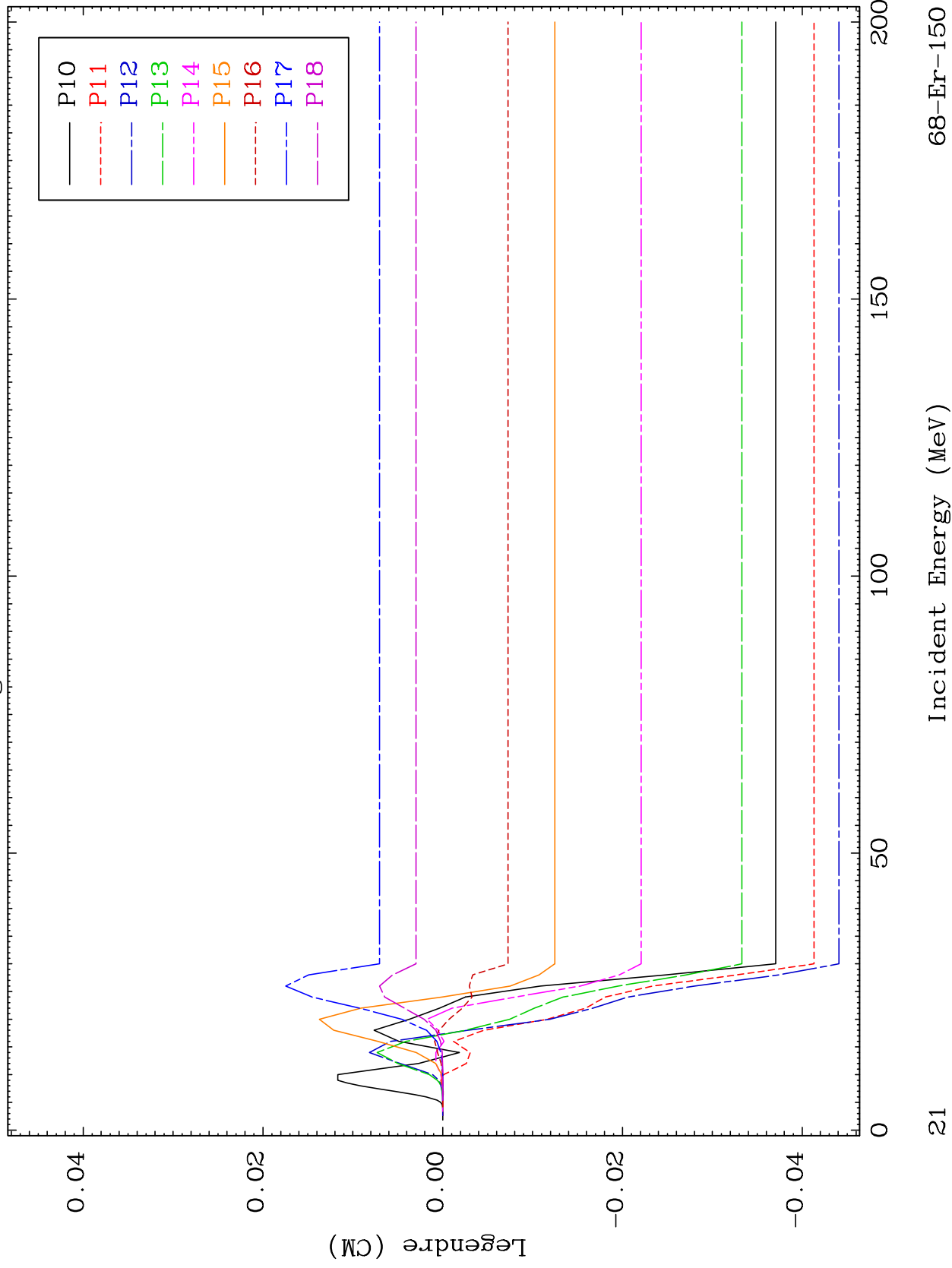
68-Er-150



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1.578 MeV (n,n') Level
Legendre Coefficients

68-Er-150



21

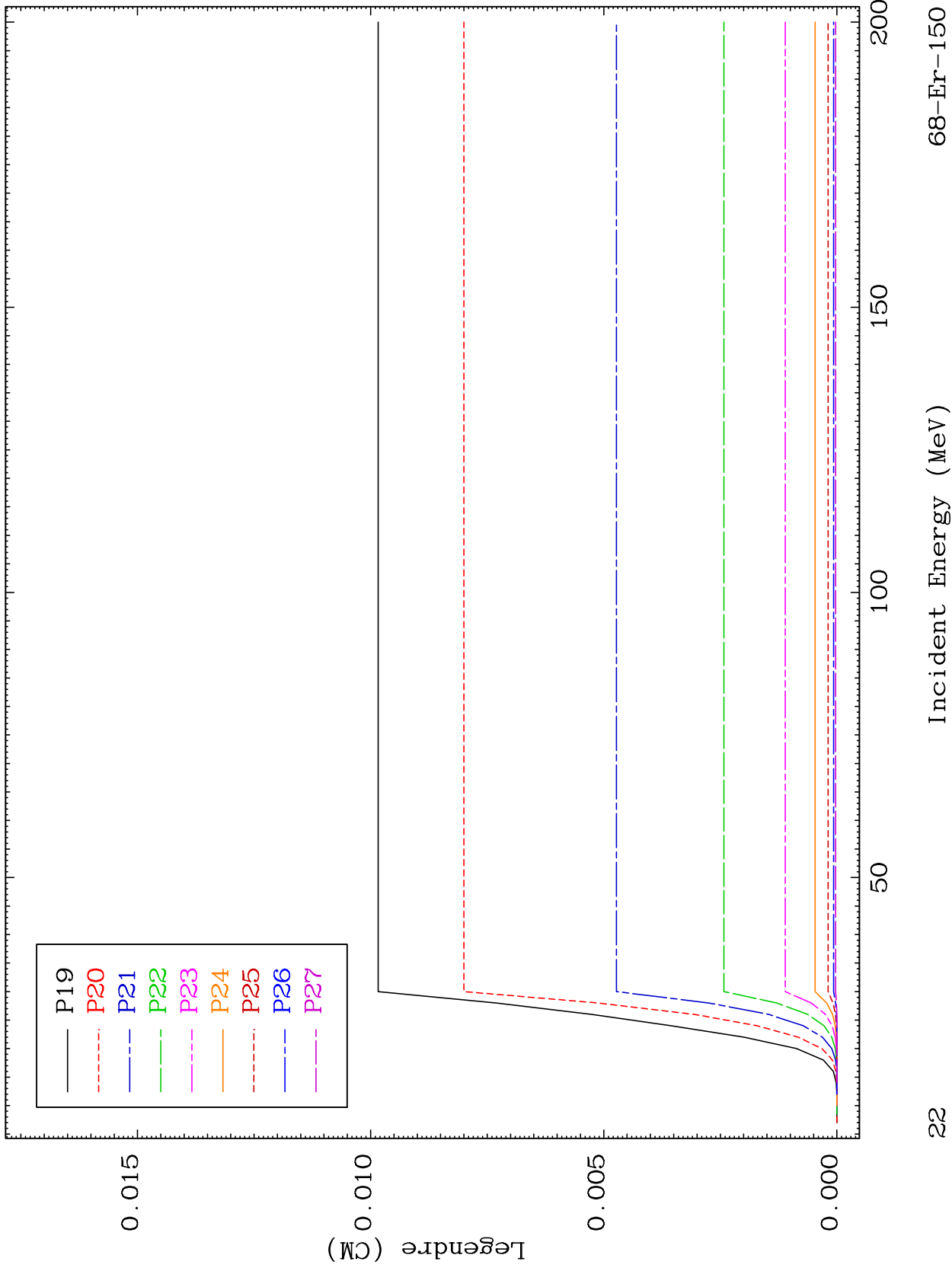
Incident Energy (MeV)

68-Er-150

MAT 6789

1.578 MeV (n,n') Level
Legendre Coefficients

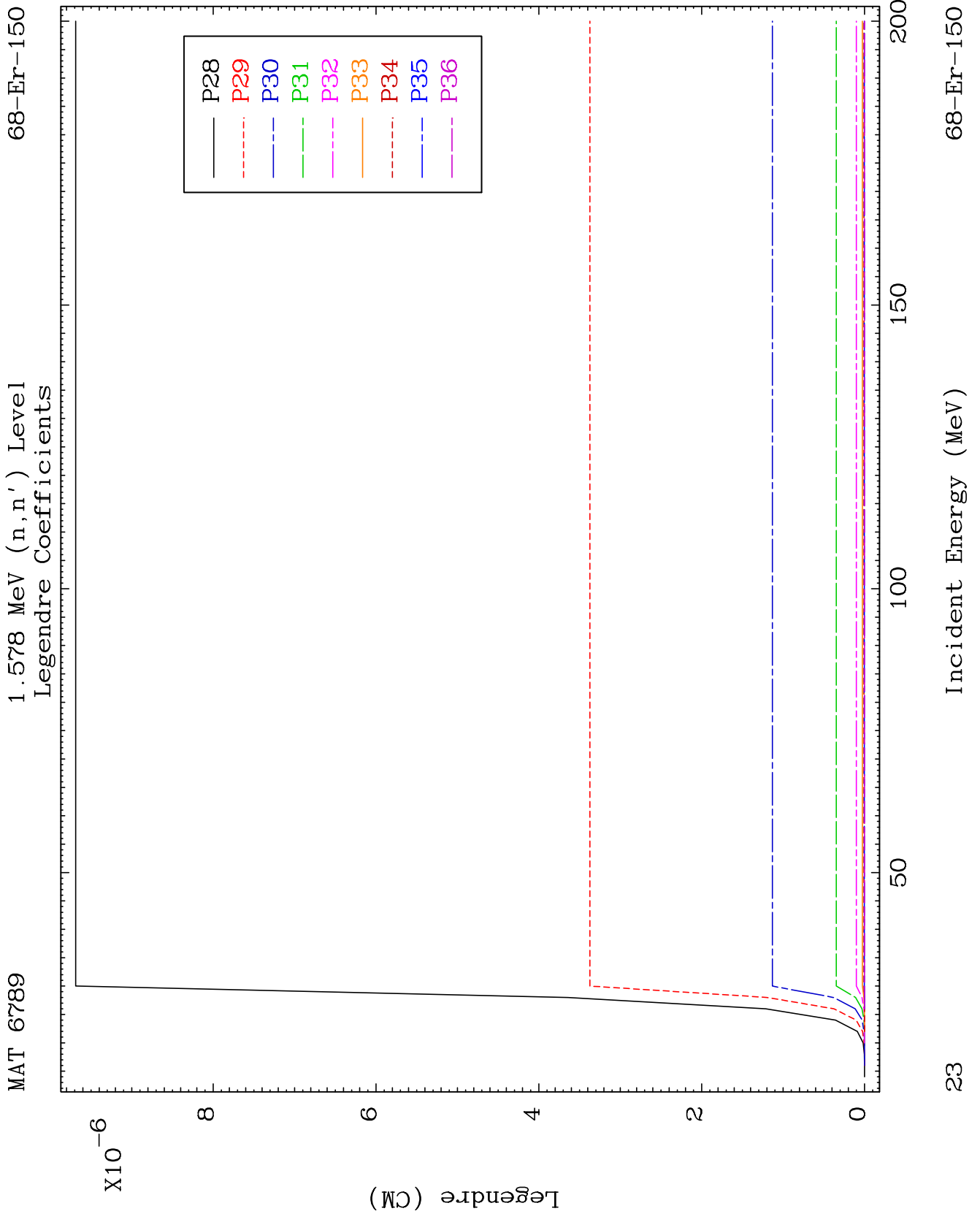
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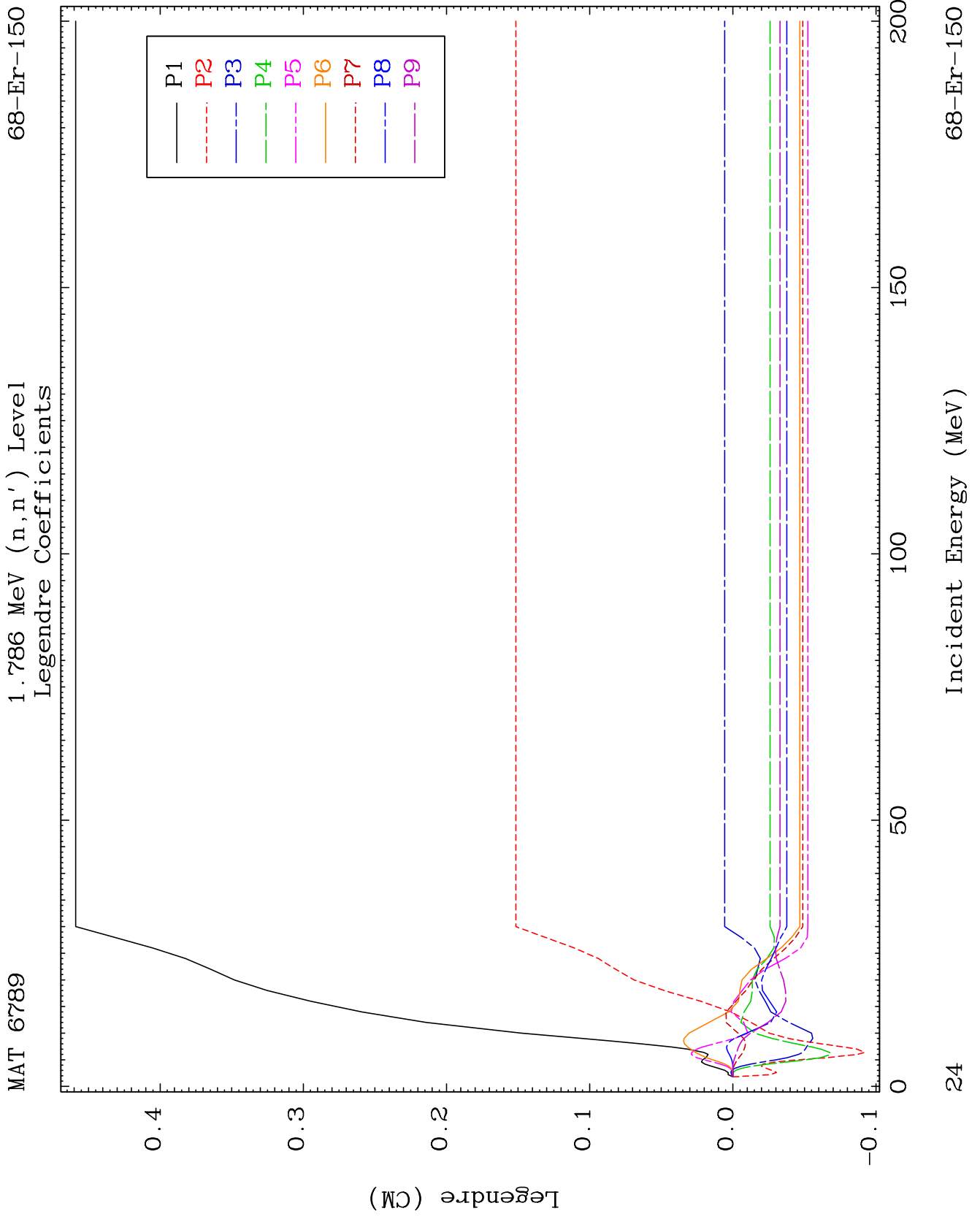


22

Incident Energy (MeV)

68-Er-150

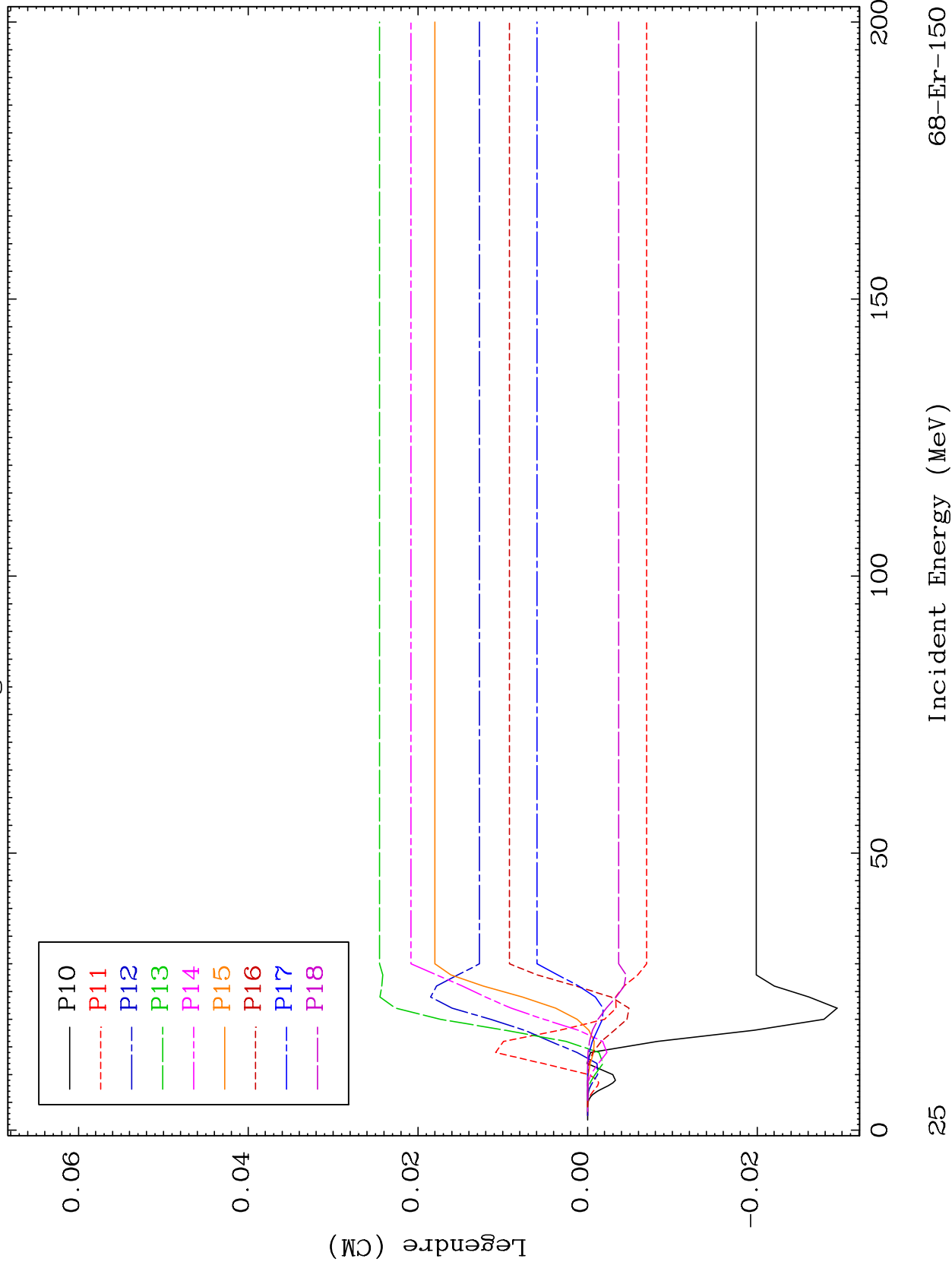




MAT 6789

1.786 MeV (n,n') Level
Legendre Coefficients

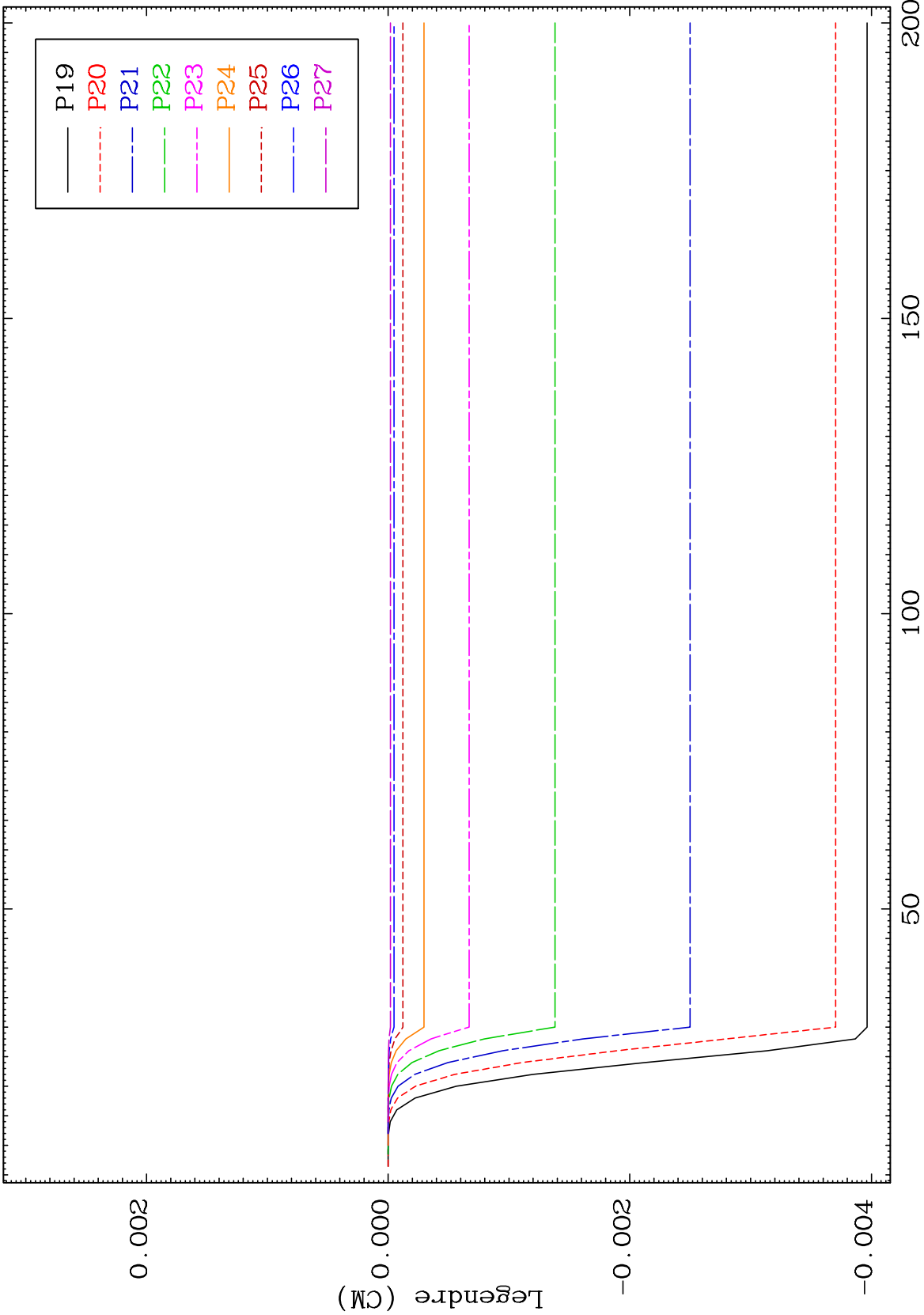
68-Er-150

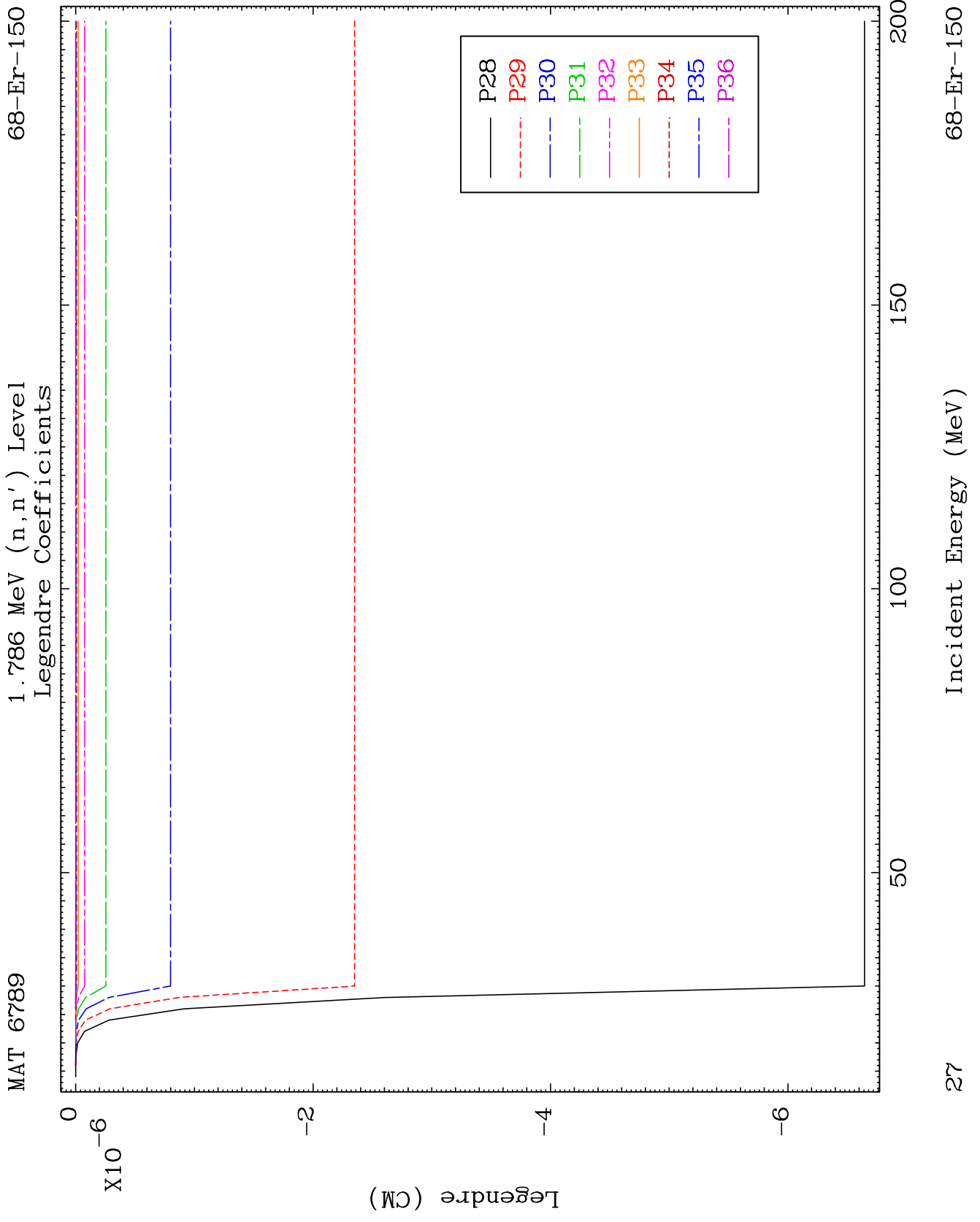


68-Er-150

Incident Energy (MeV)

25

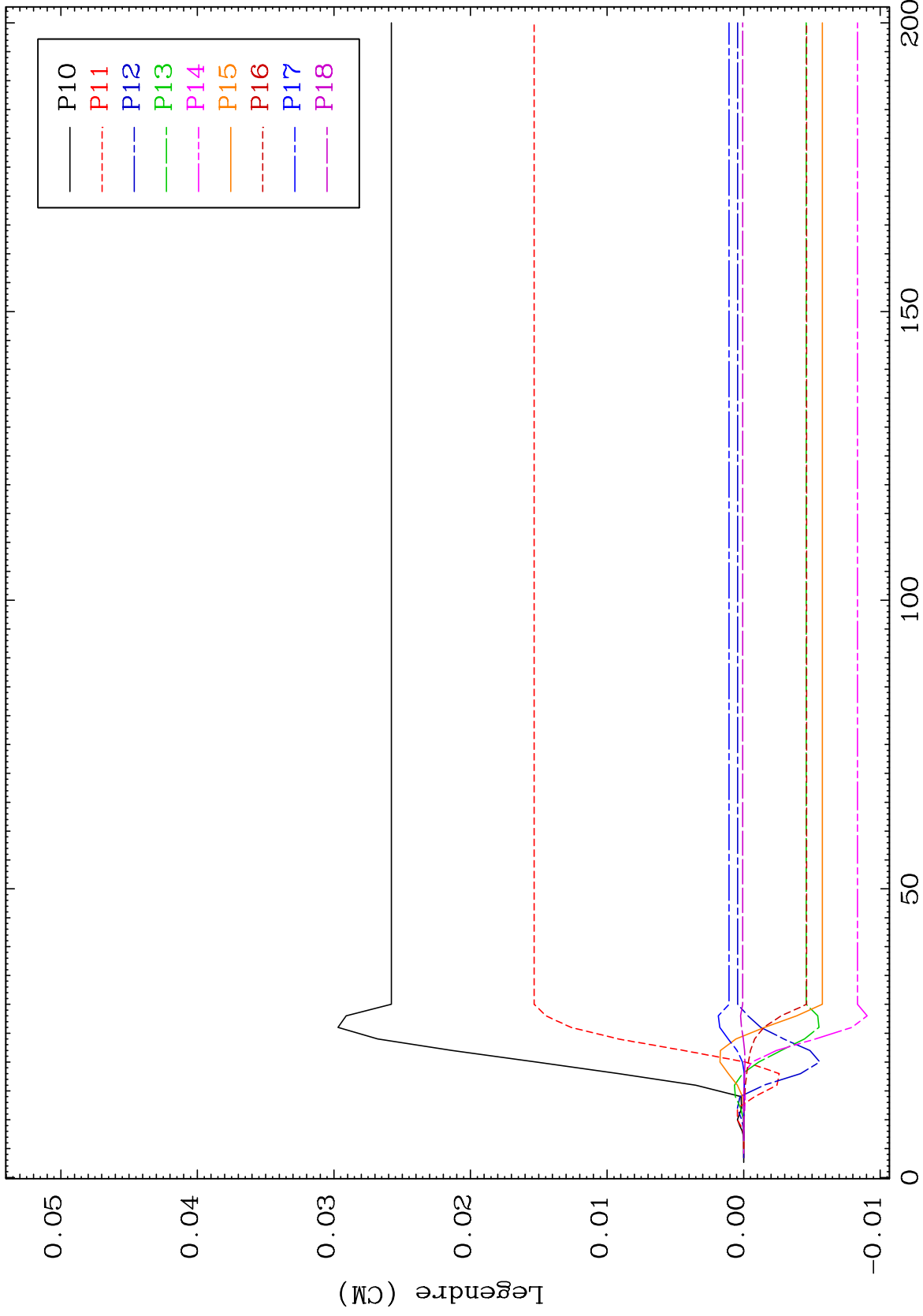




MAT 6789

2.260 MeV (n,n') Level
Legendre Coefficients

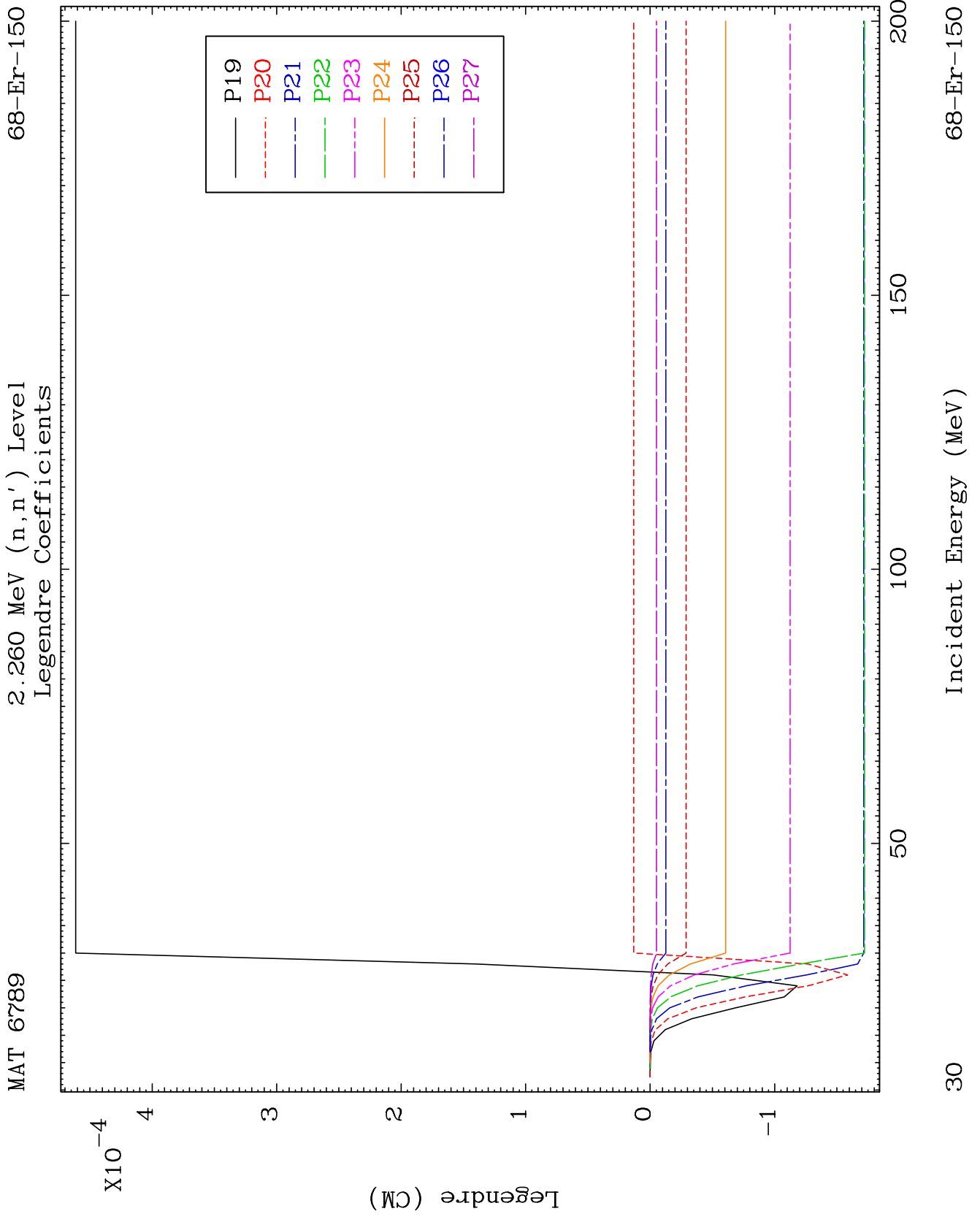
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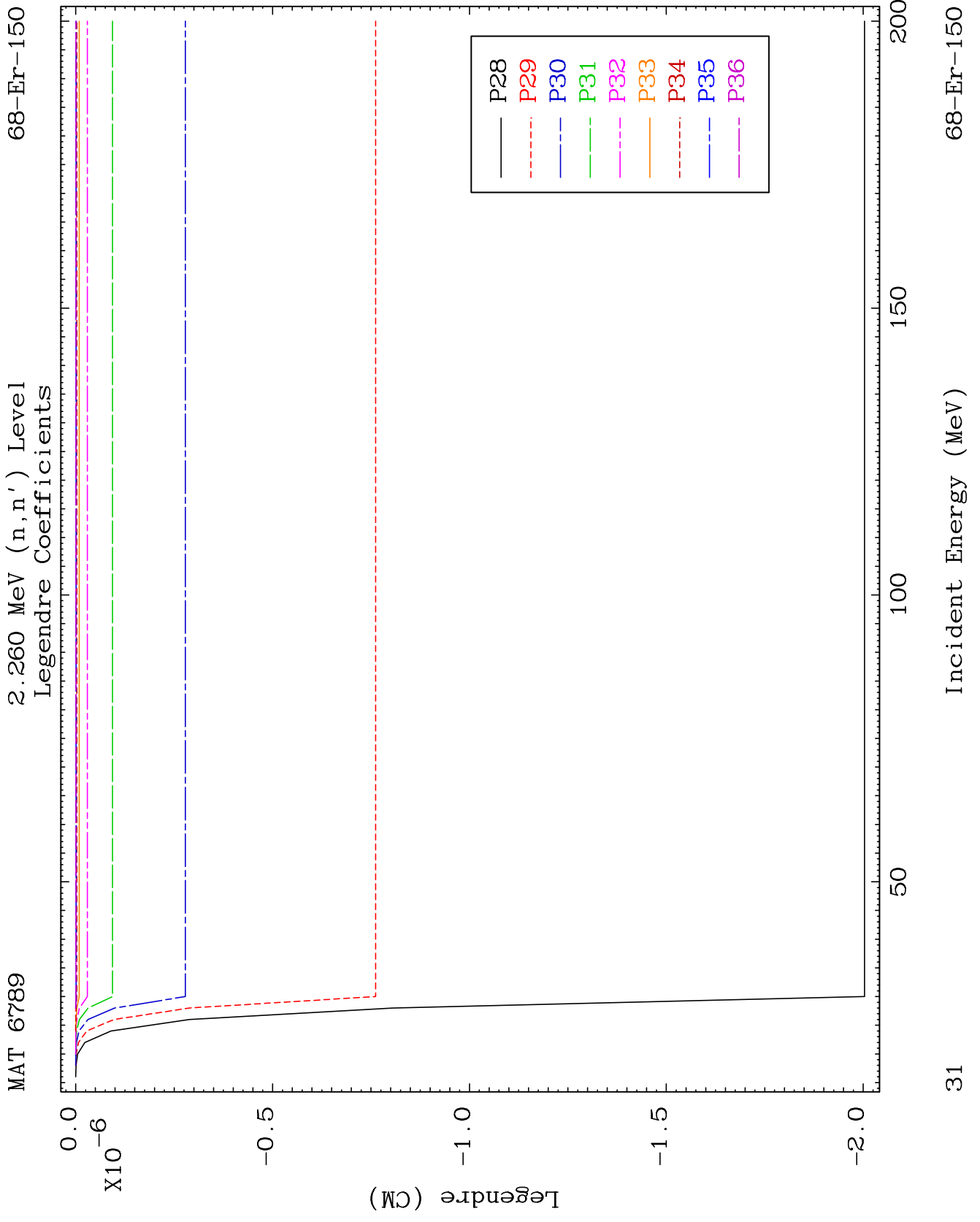


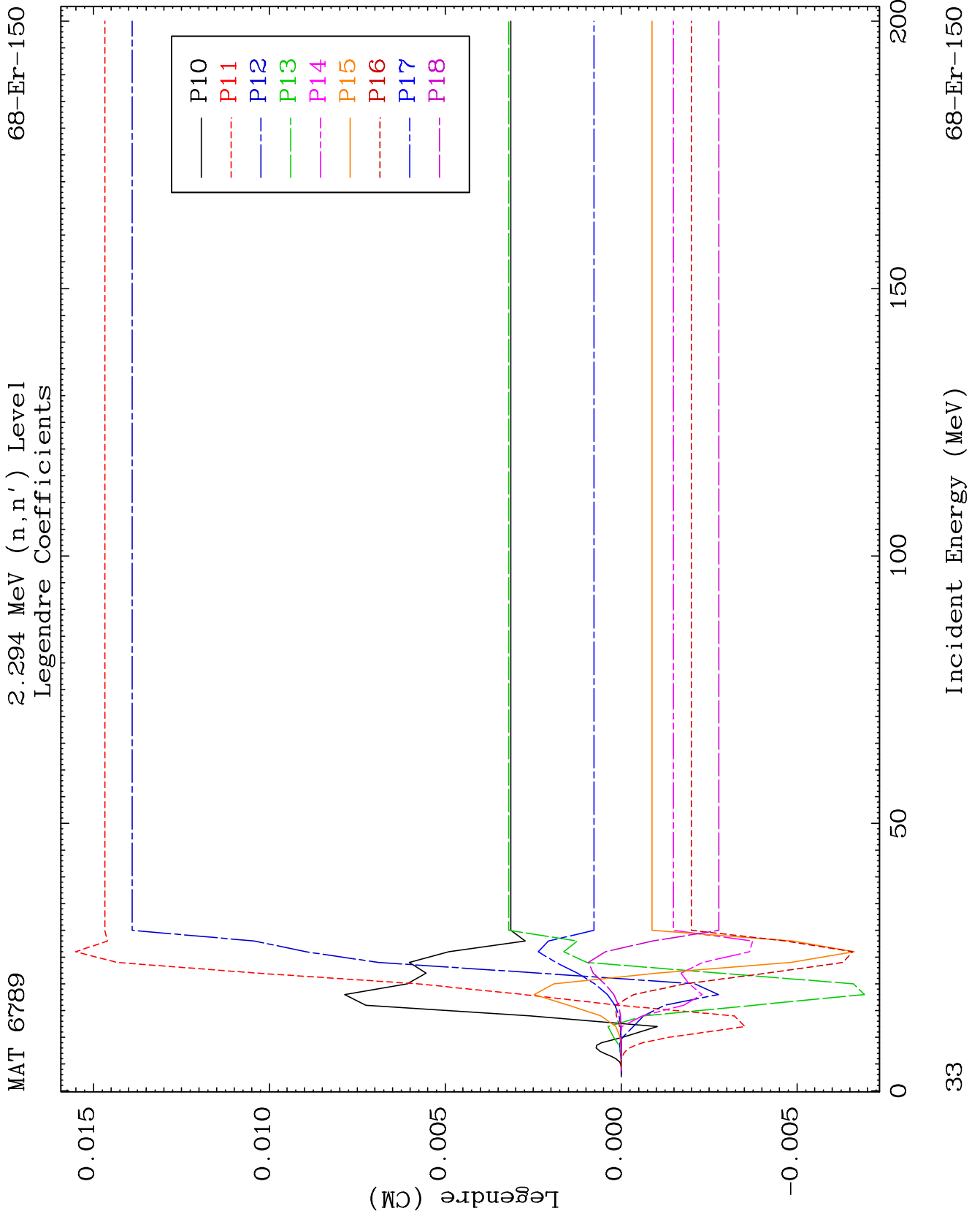
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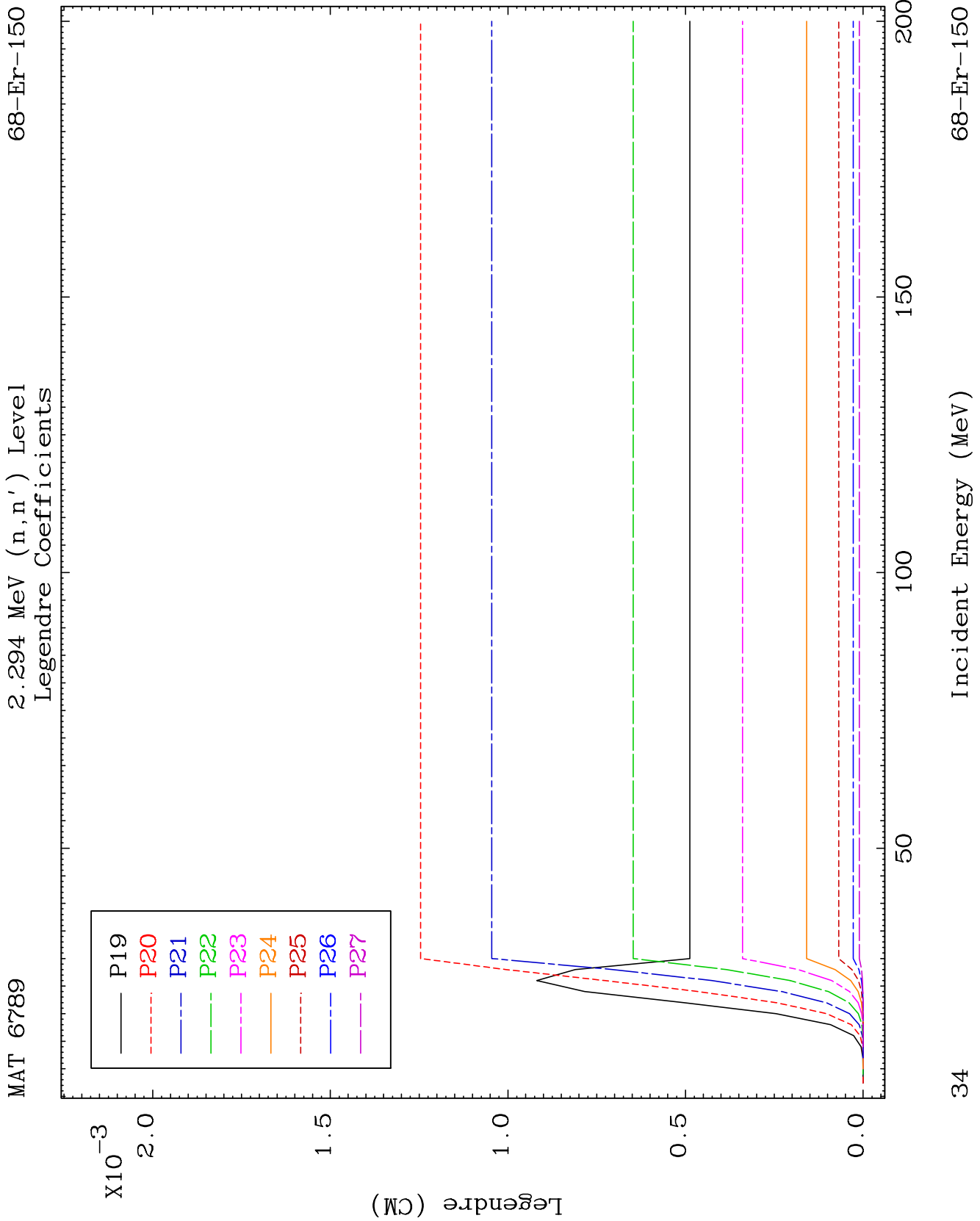
Incident Energy (MeV)

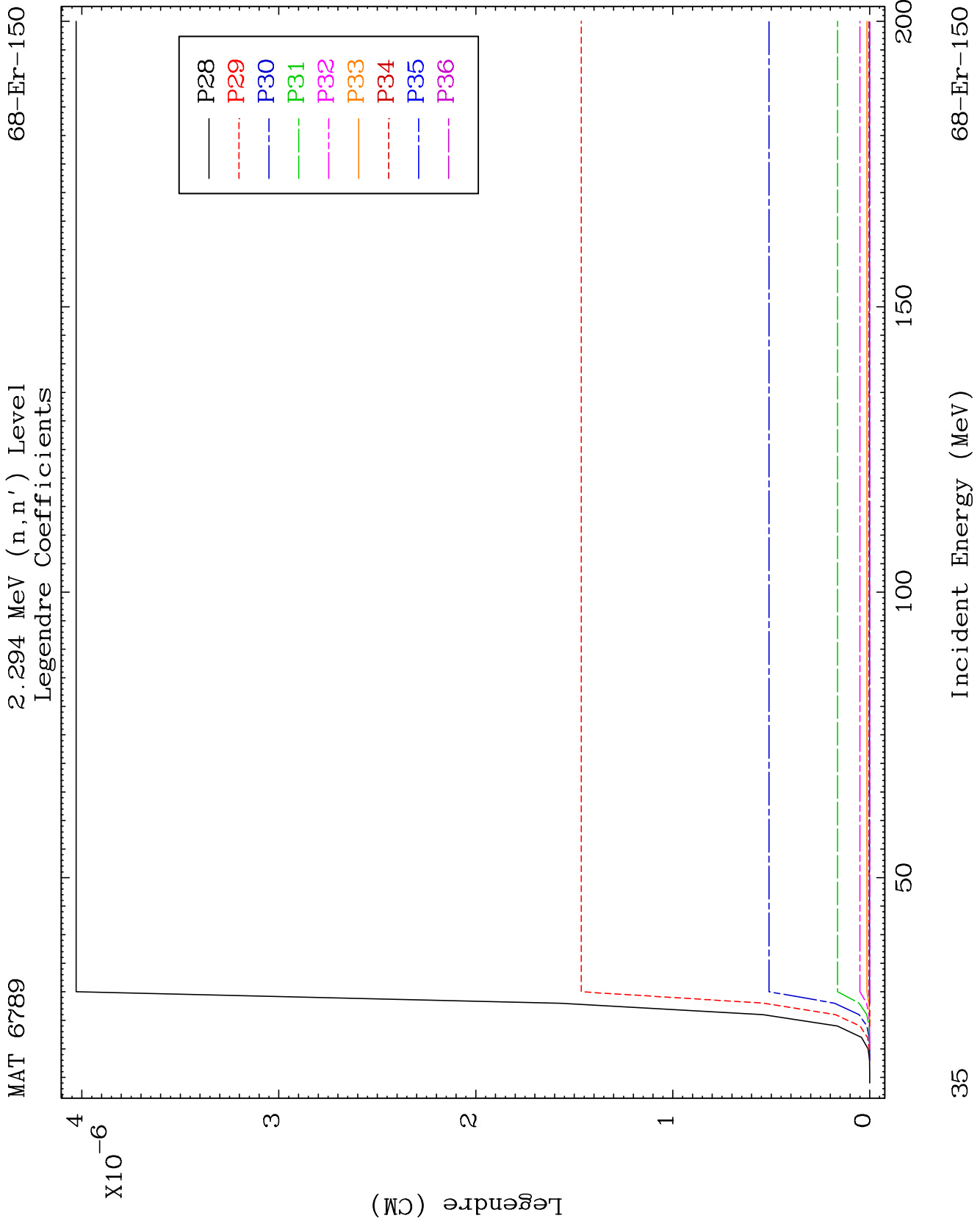
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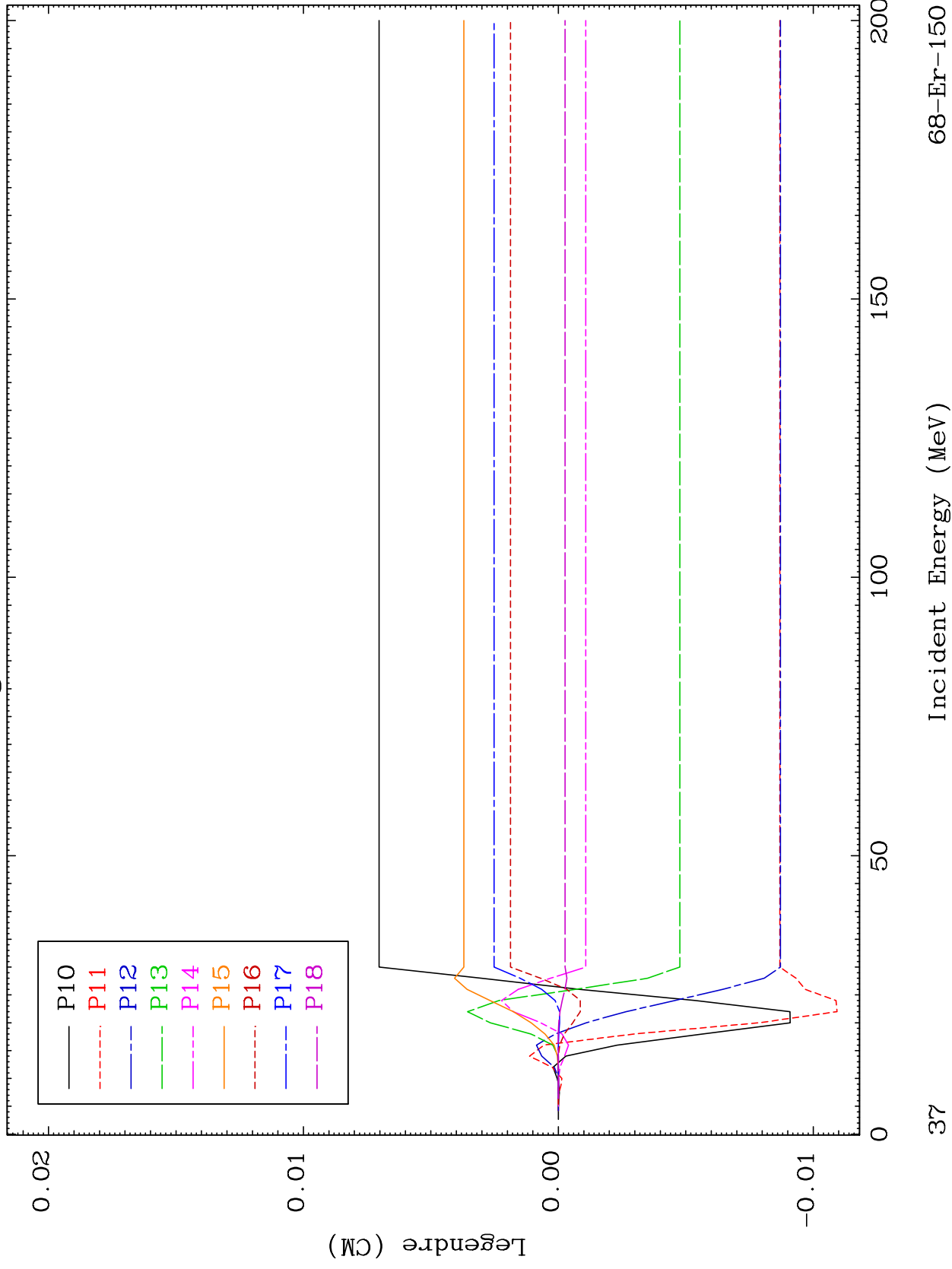


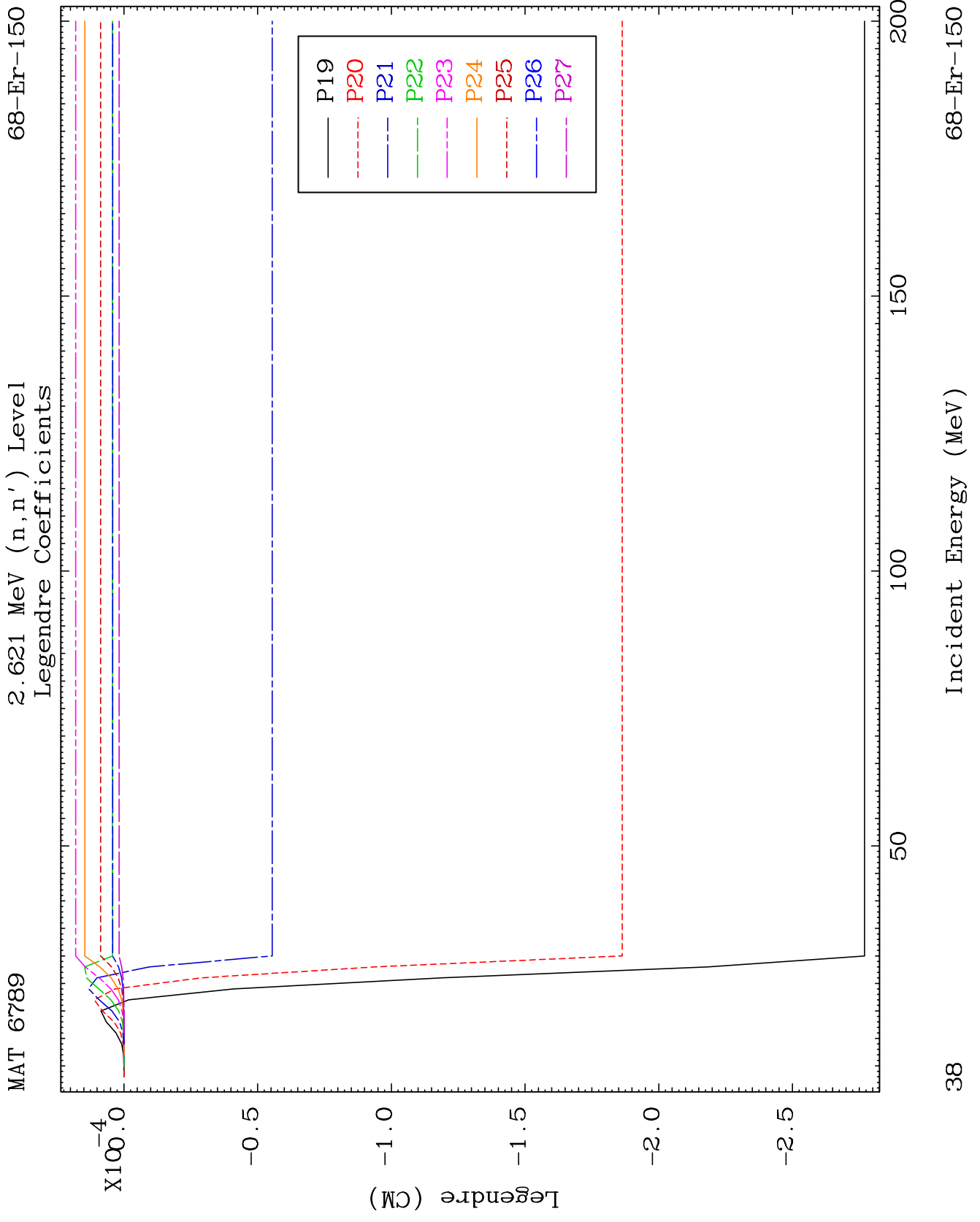


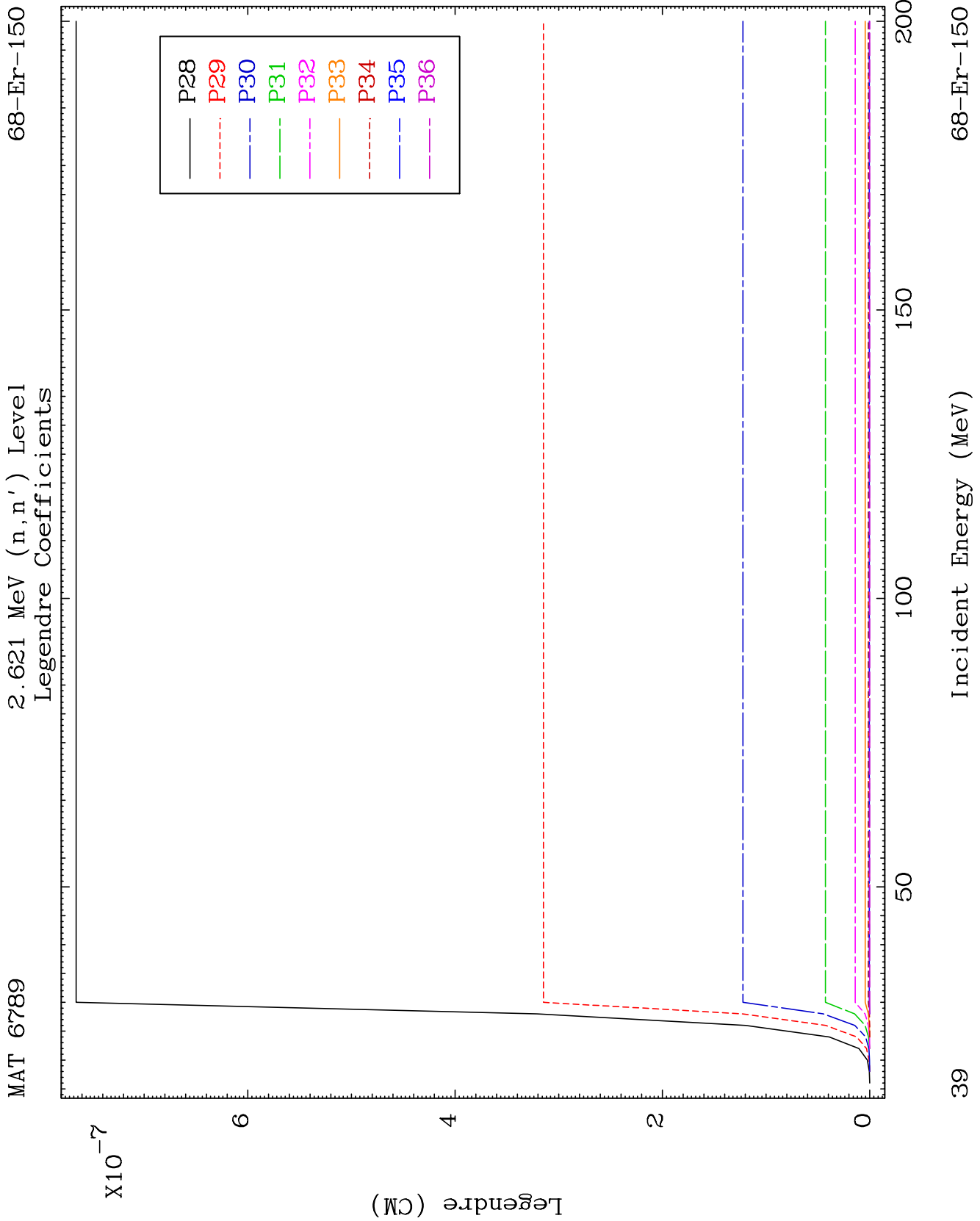
MAT 6789

2.621 MeV (n,n') Level
Legendre Coefficients

68-Er-150



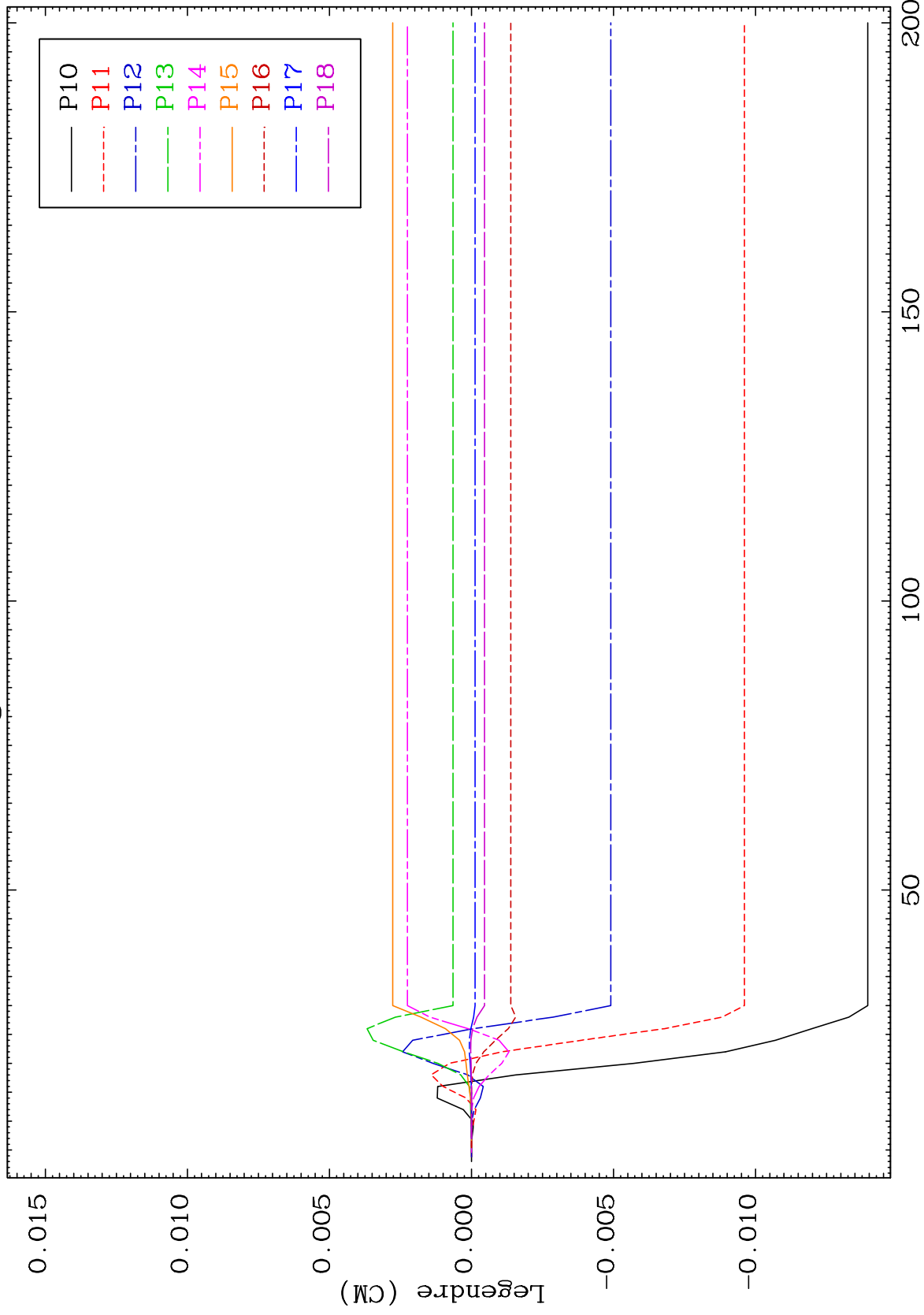


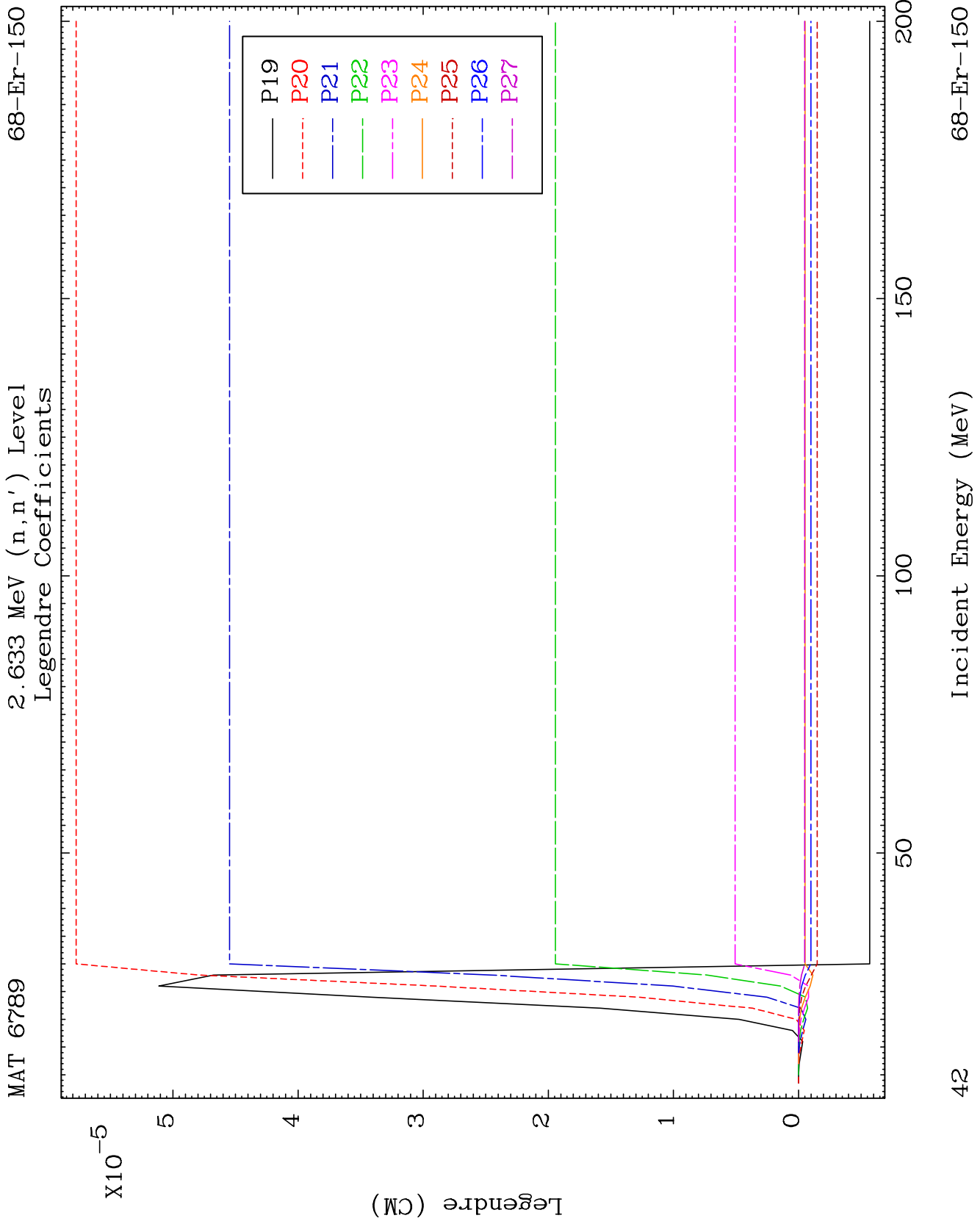


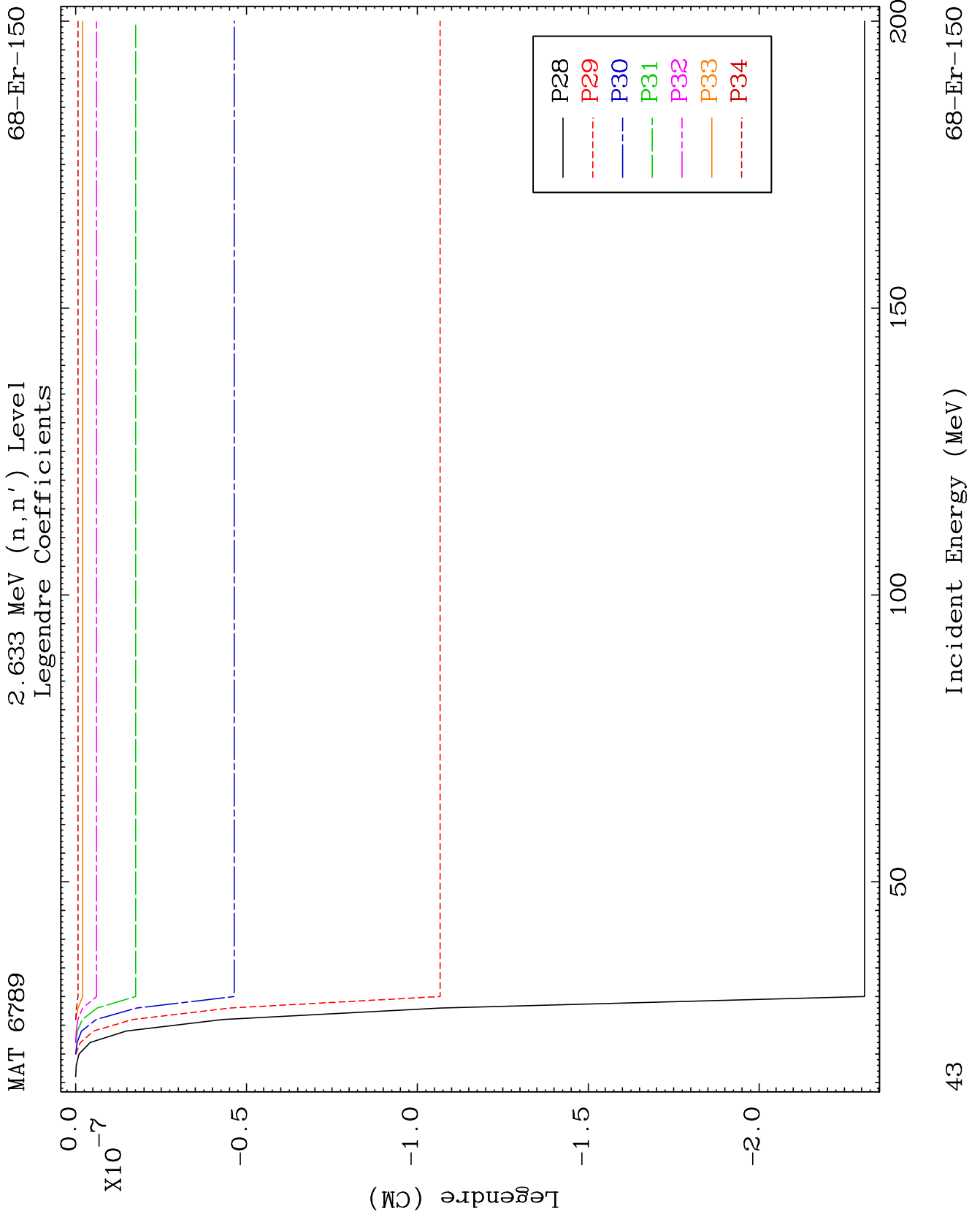
MAT 6789

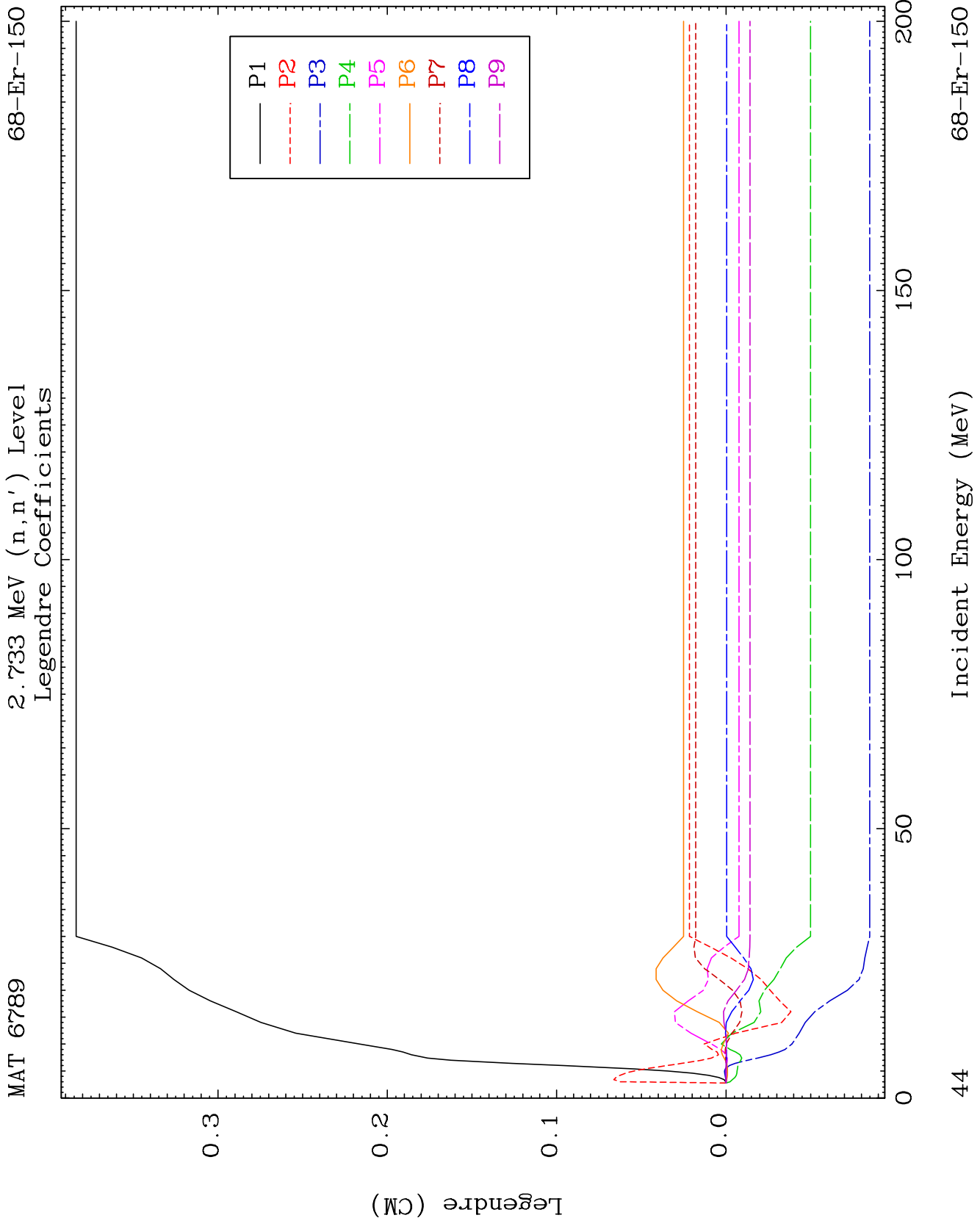
2.633 MeV (n,n') Level
Legendre Coefficients

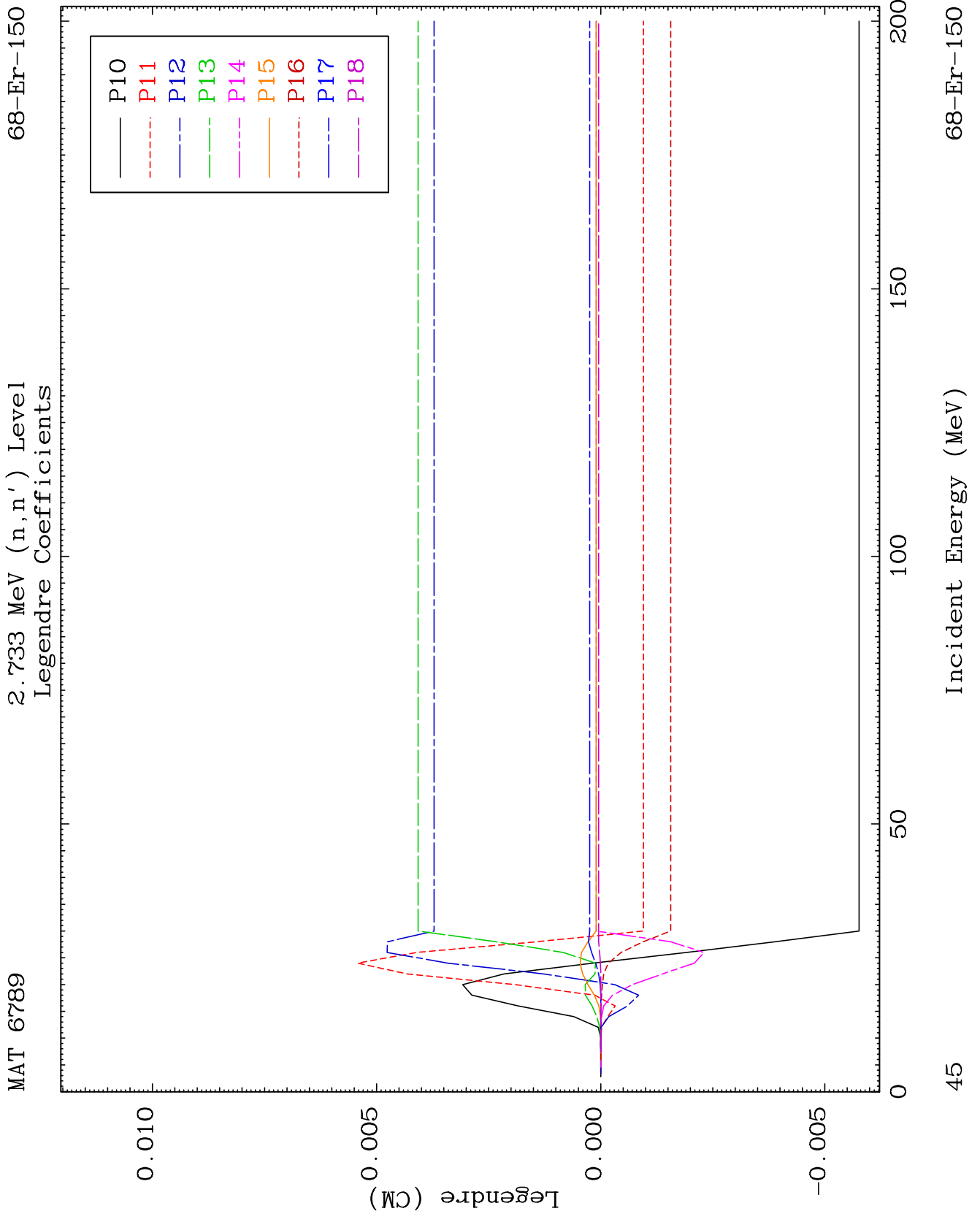
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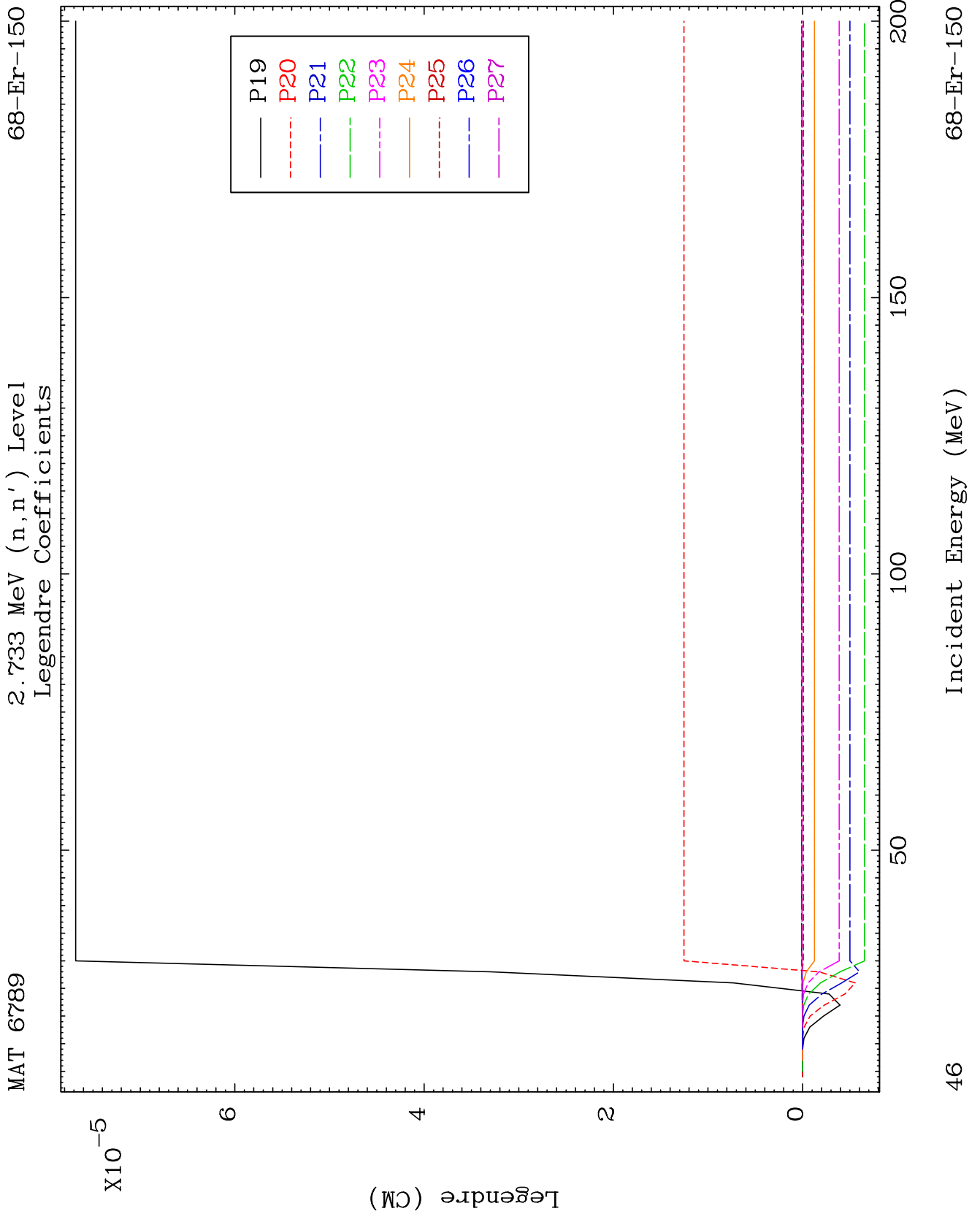








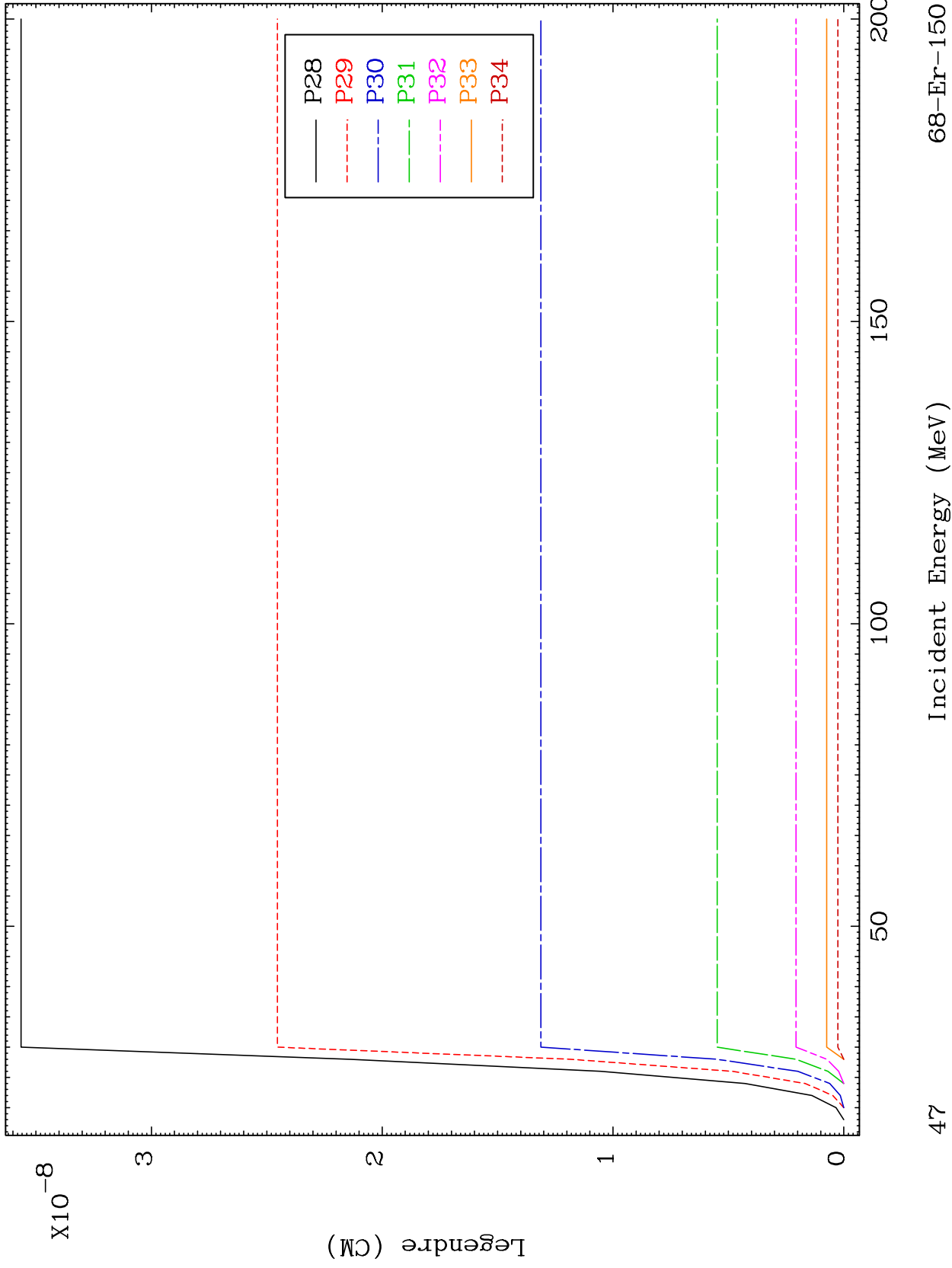




MAT 6789

2.733 MeV (n,n') Level
Legendre Coefficients

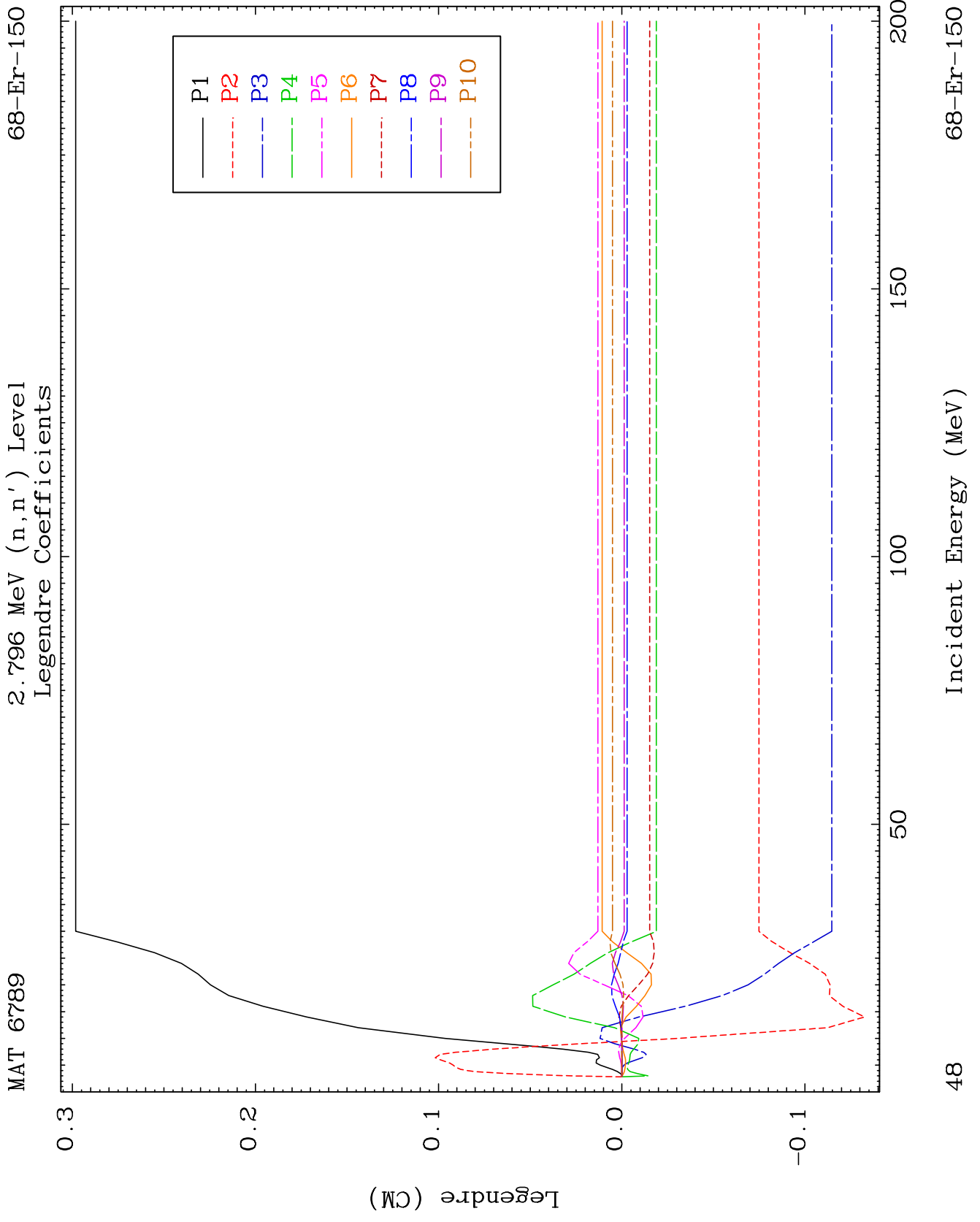
68-Er-150



47

Incident Energy (MeV)

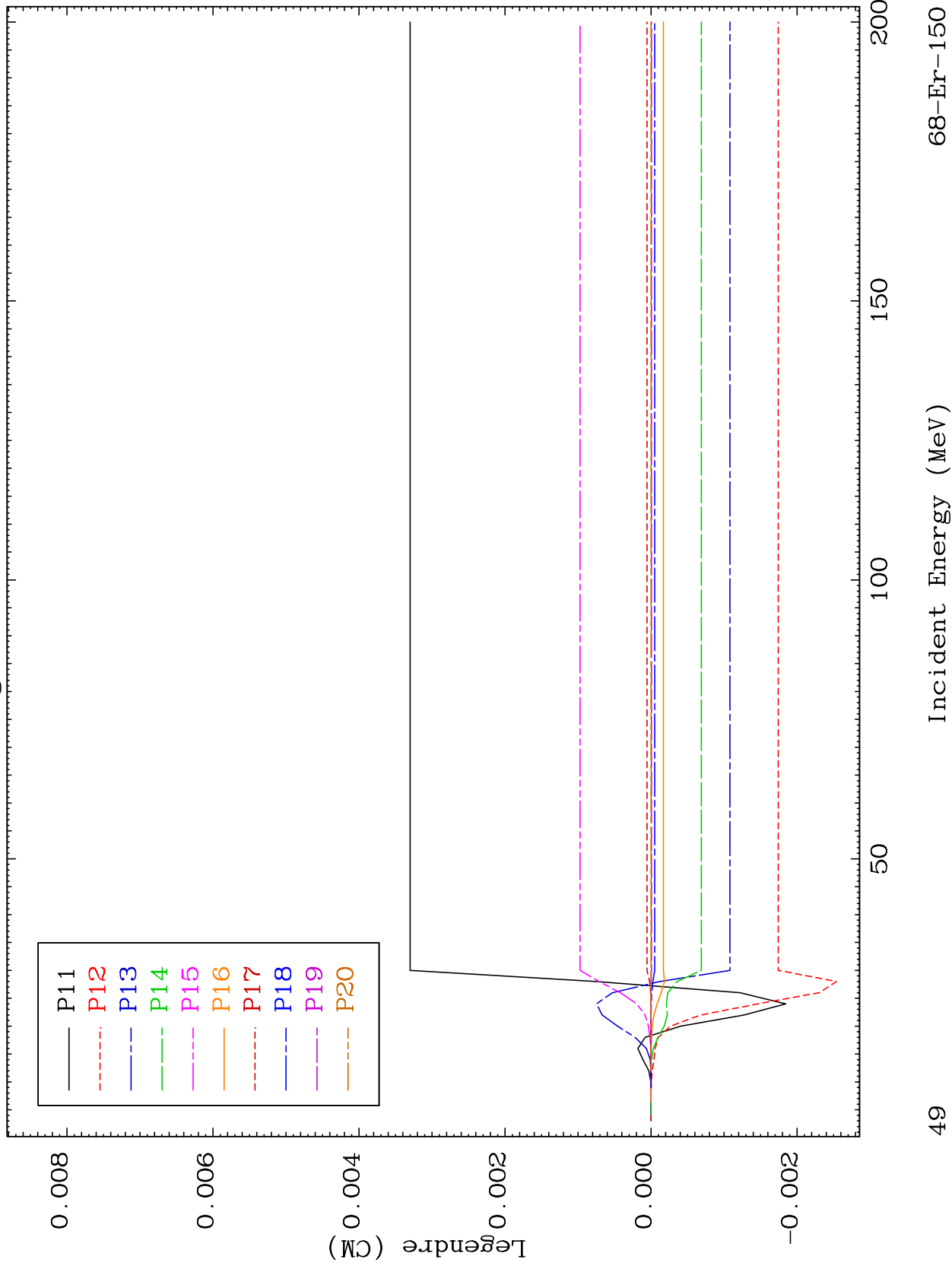
68-Er-150



MAT 6789

2.796 MeV (n,n') Level
Legendre Coefficients

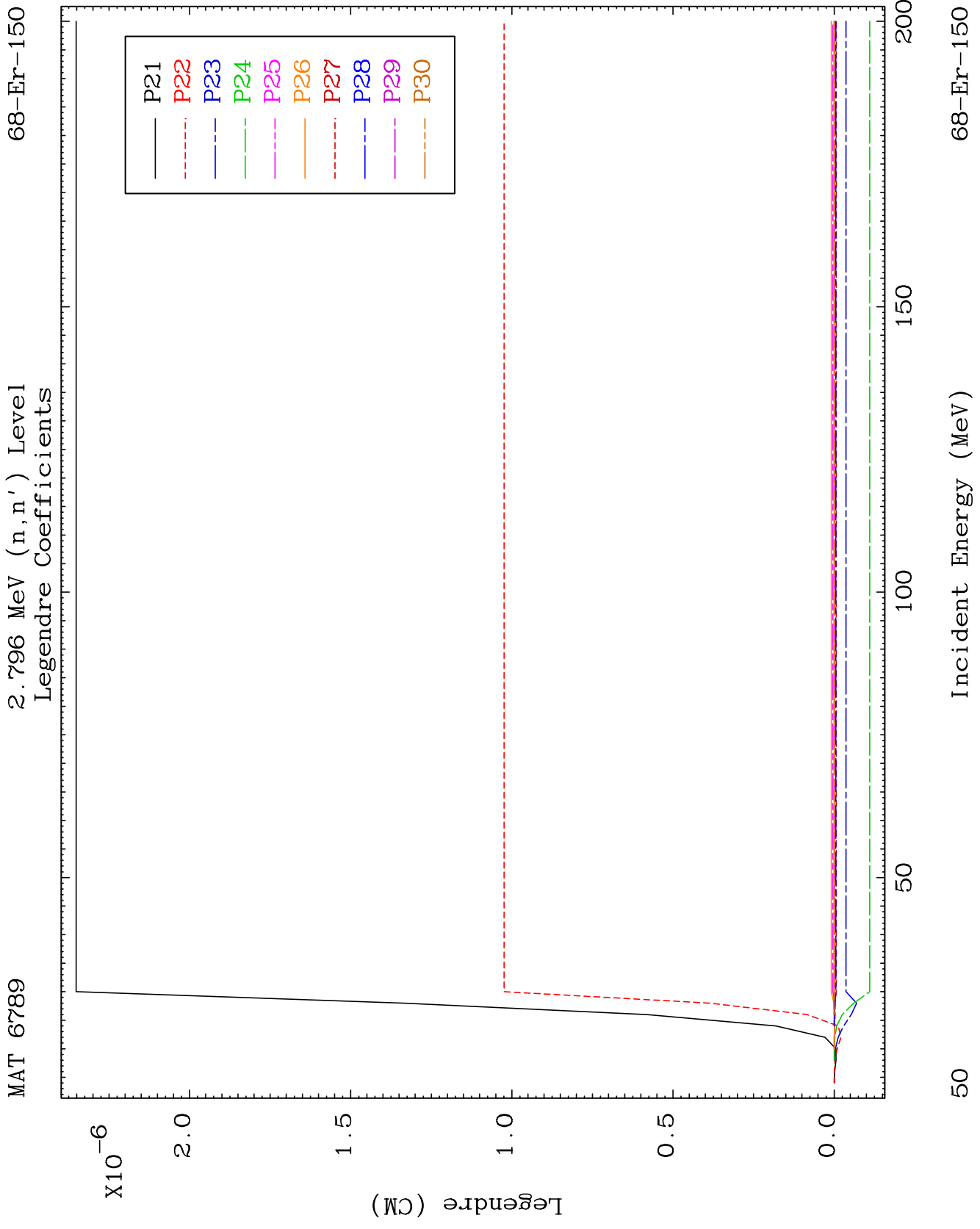
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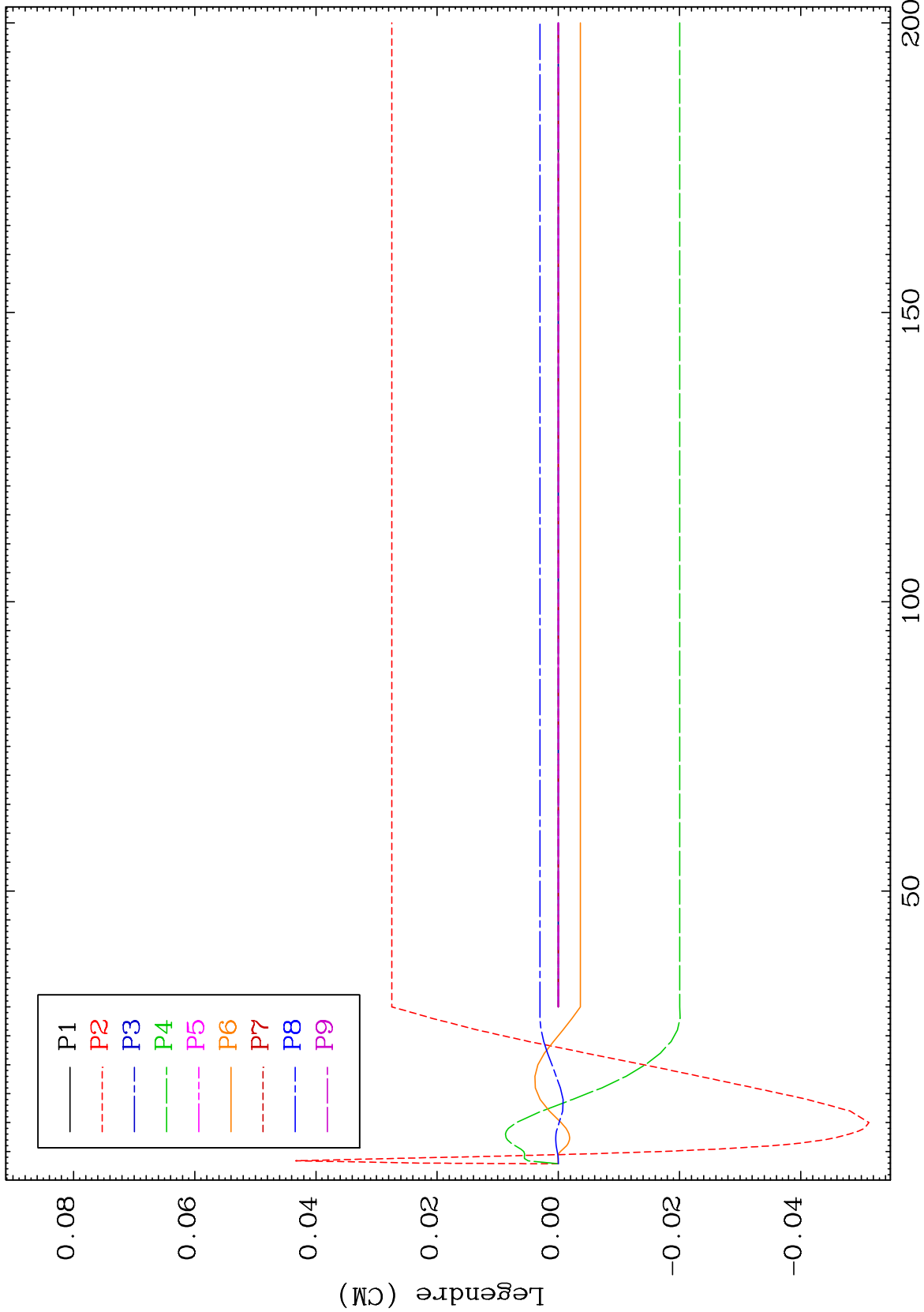


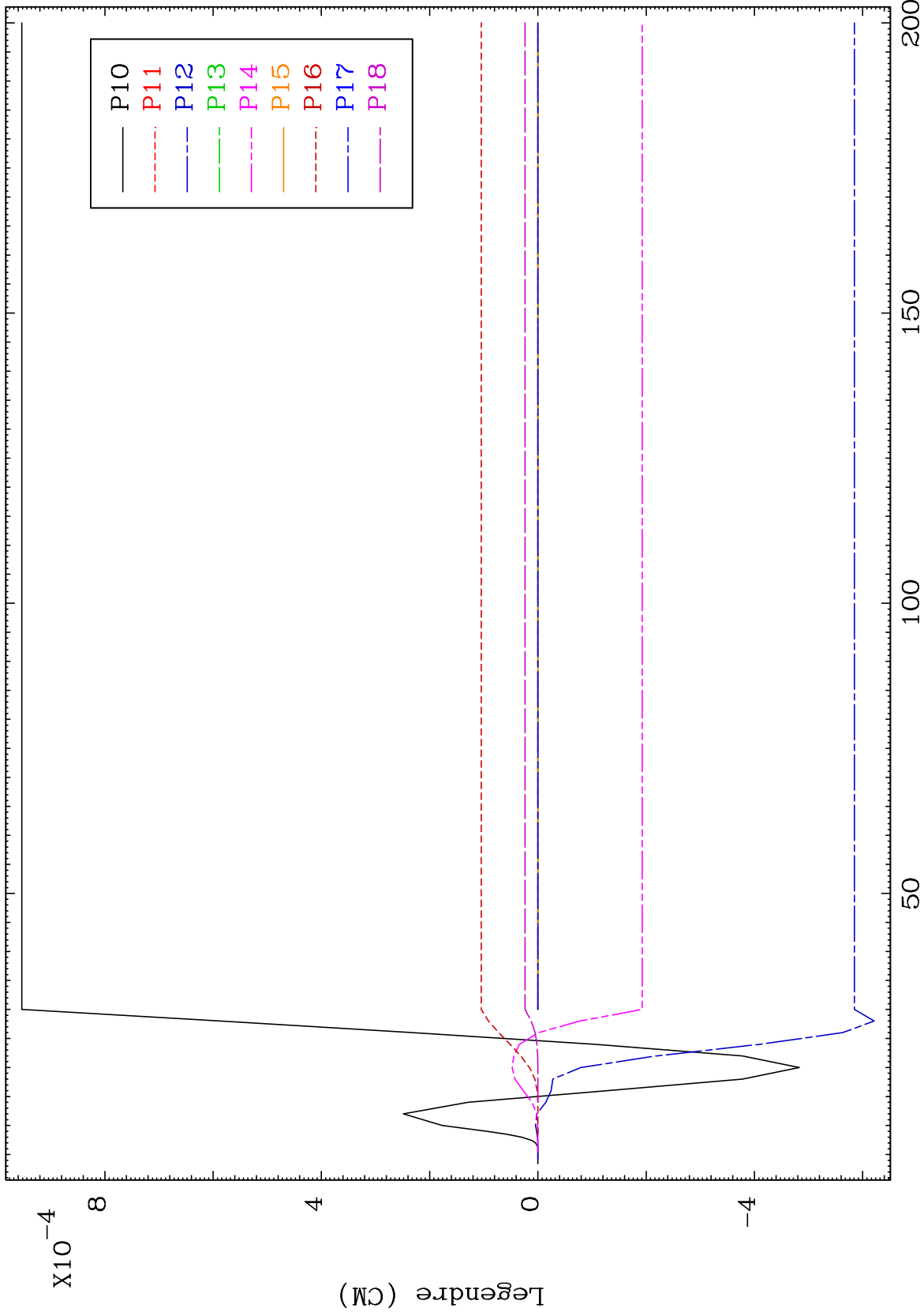
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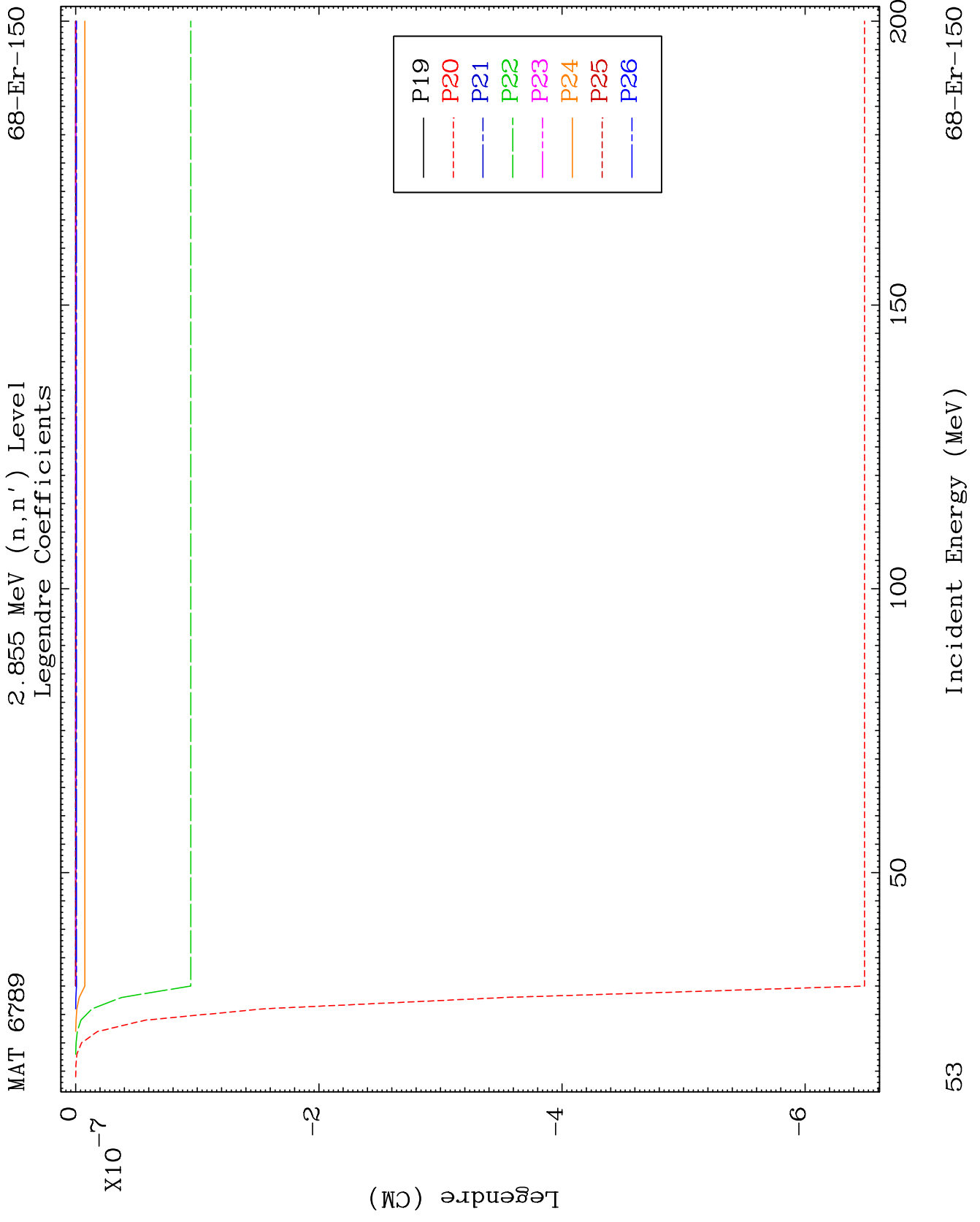
Incident Energy (MeV)

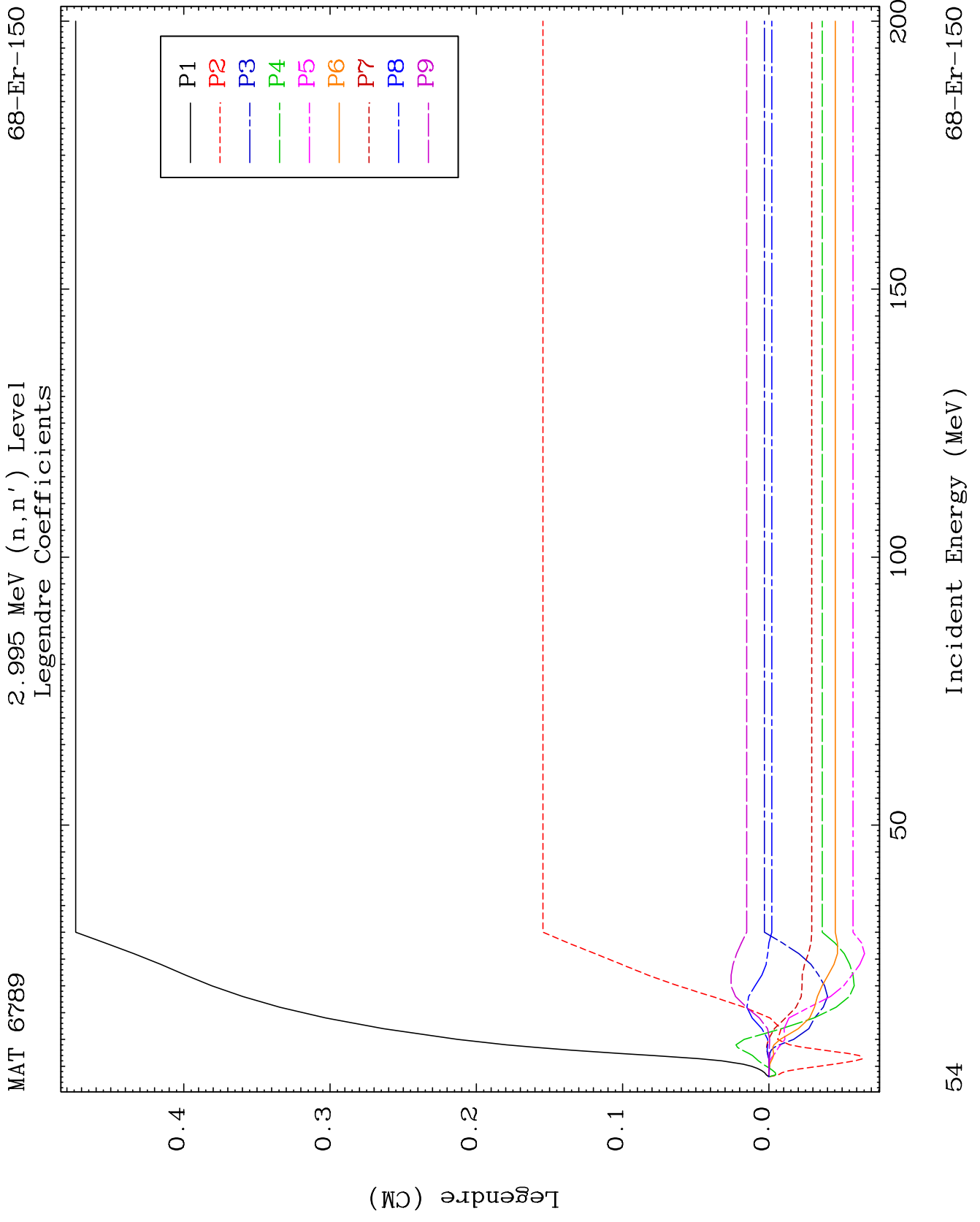
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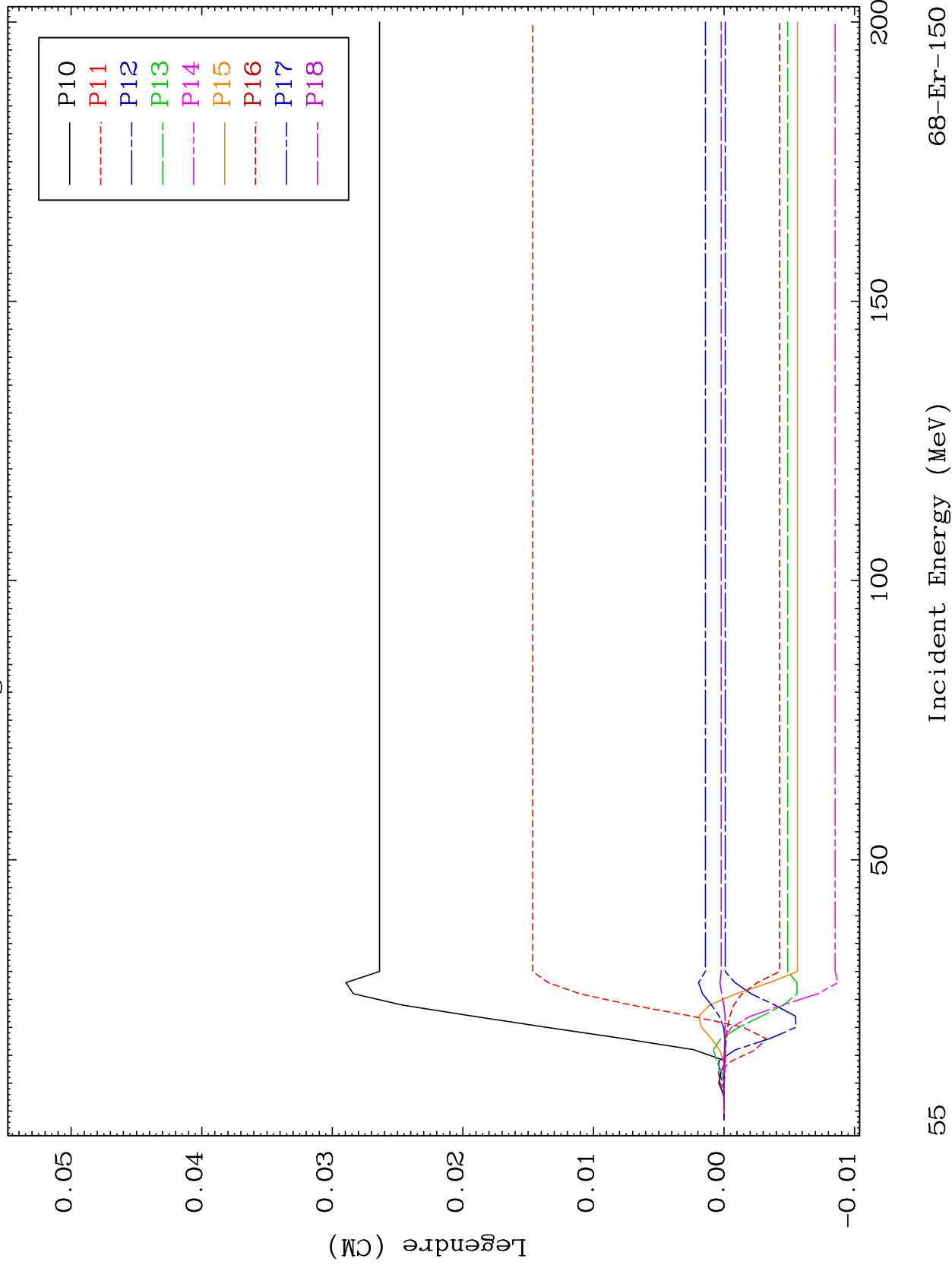




MAT 6789

2.995 MeV (n,n') Level
Legendre Coefficients

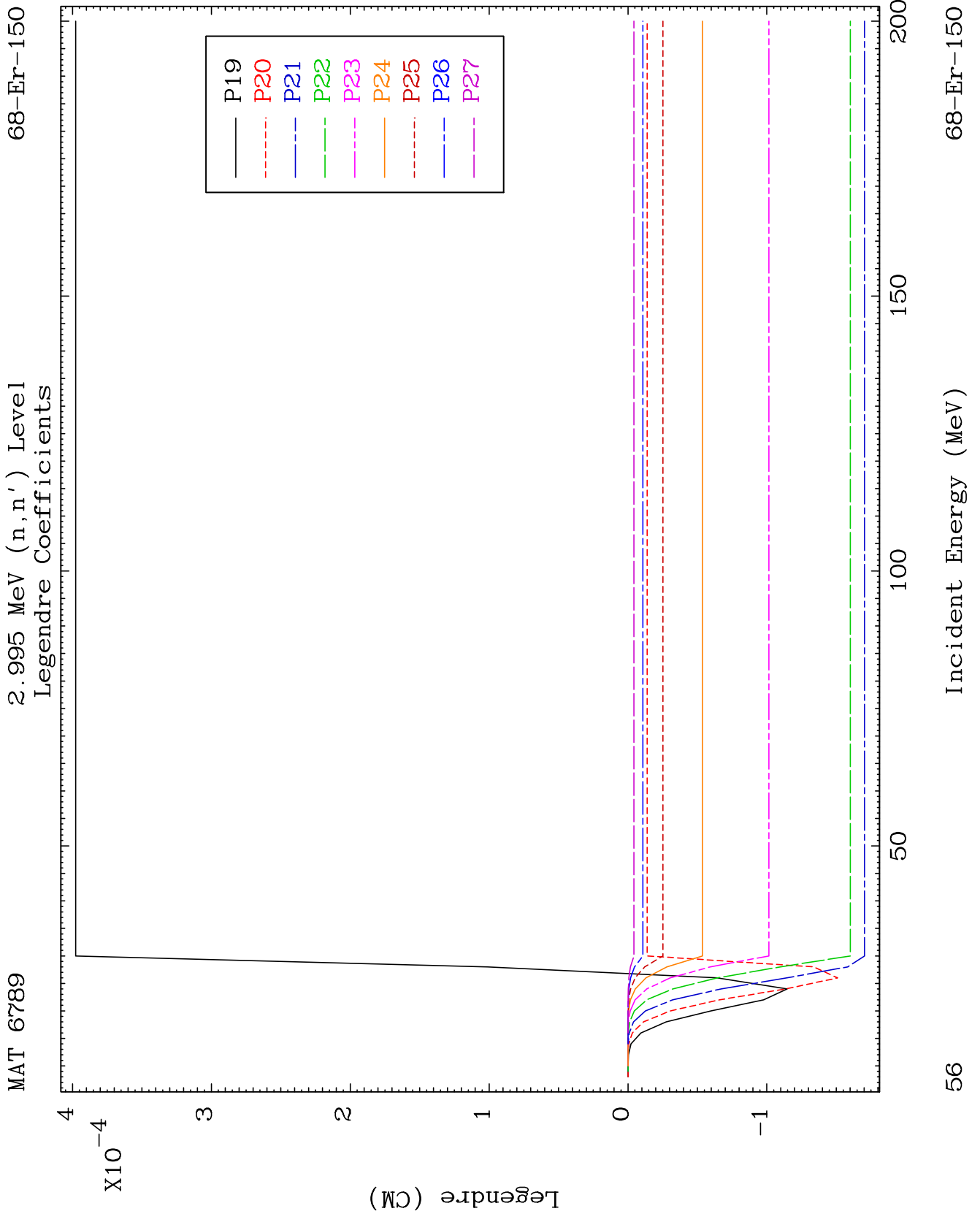
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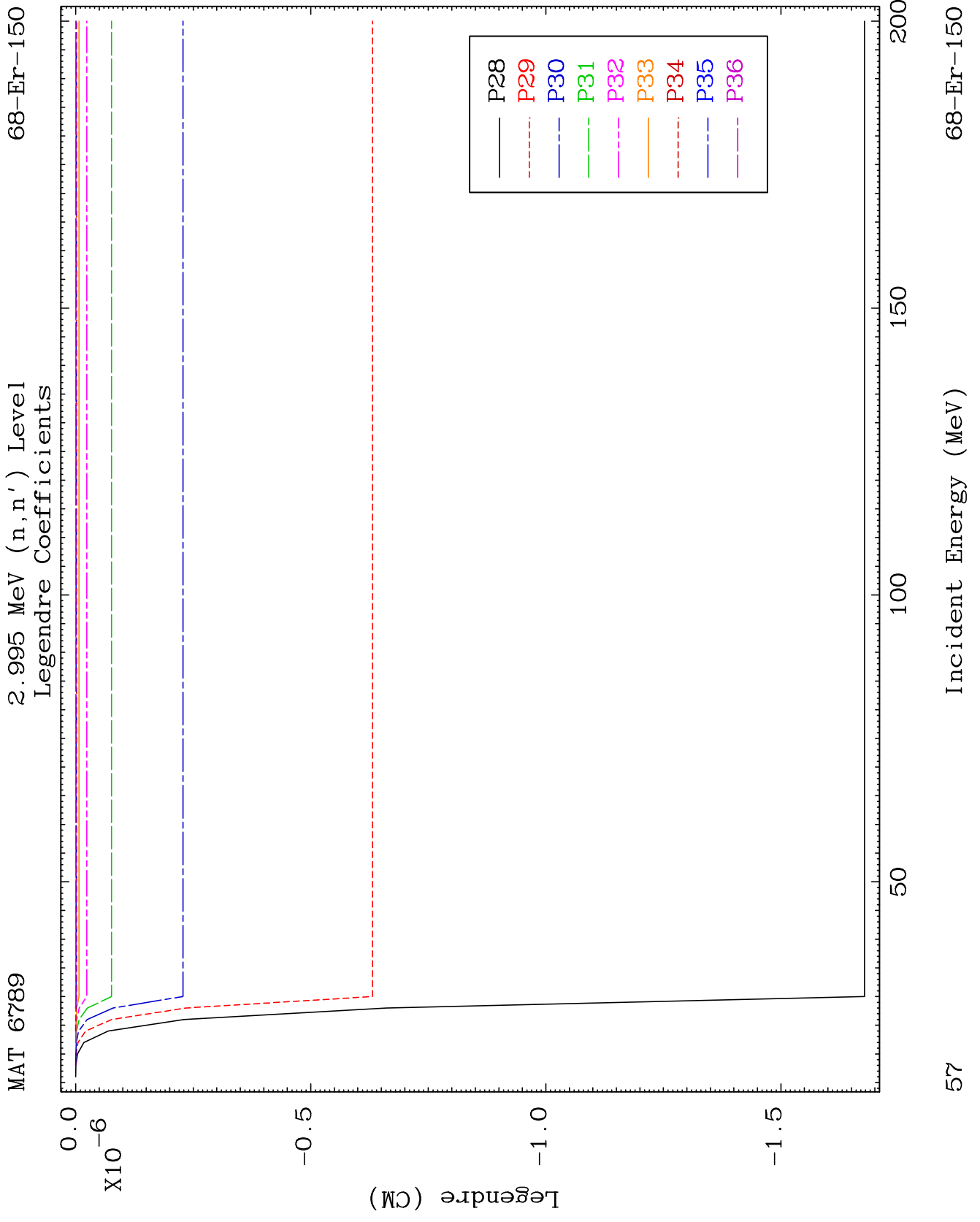


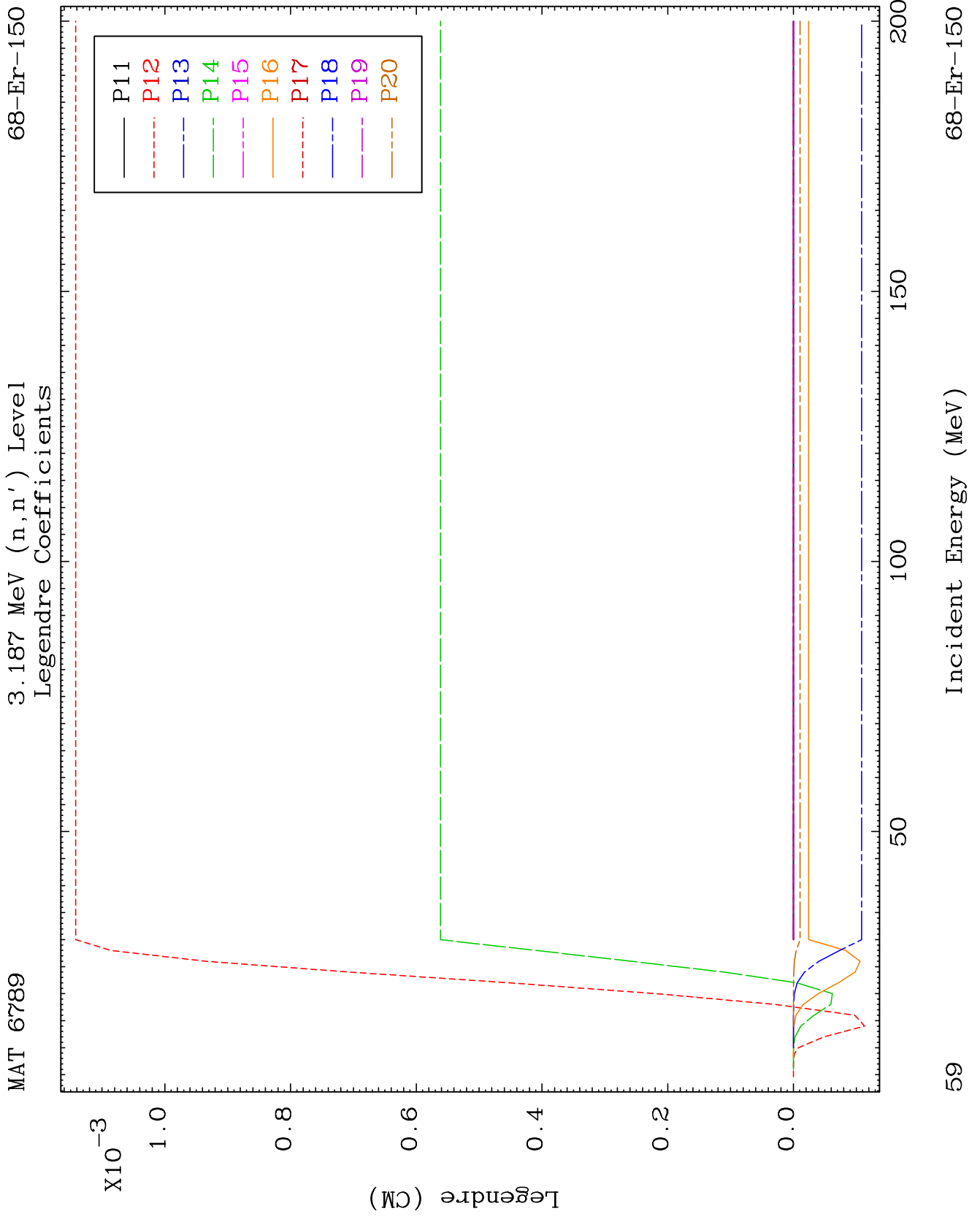
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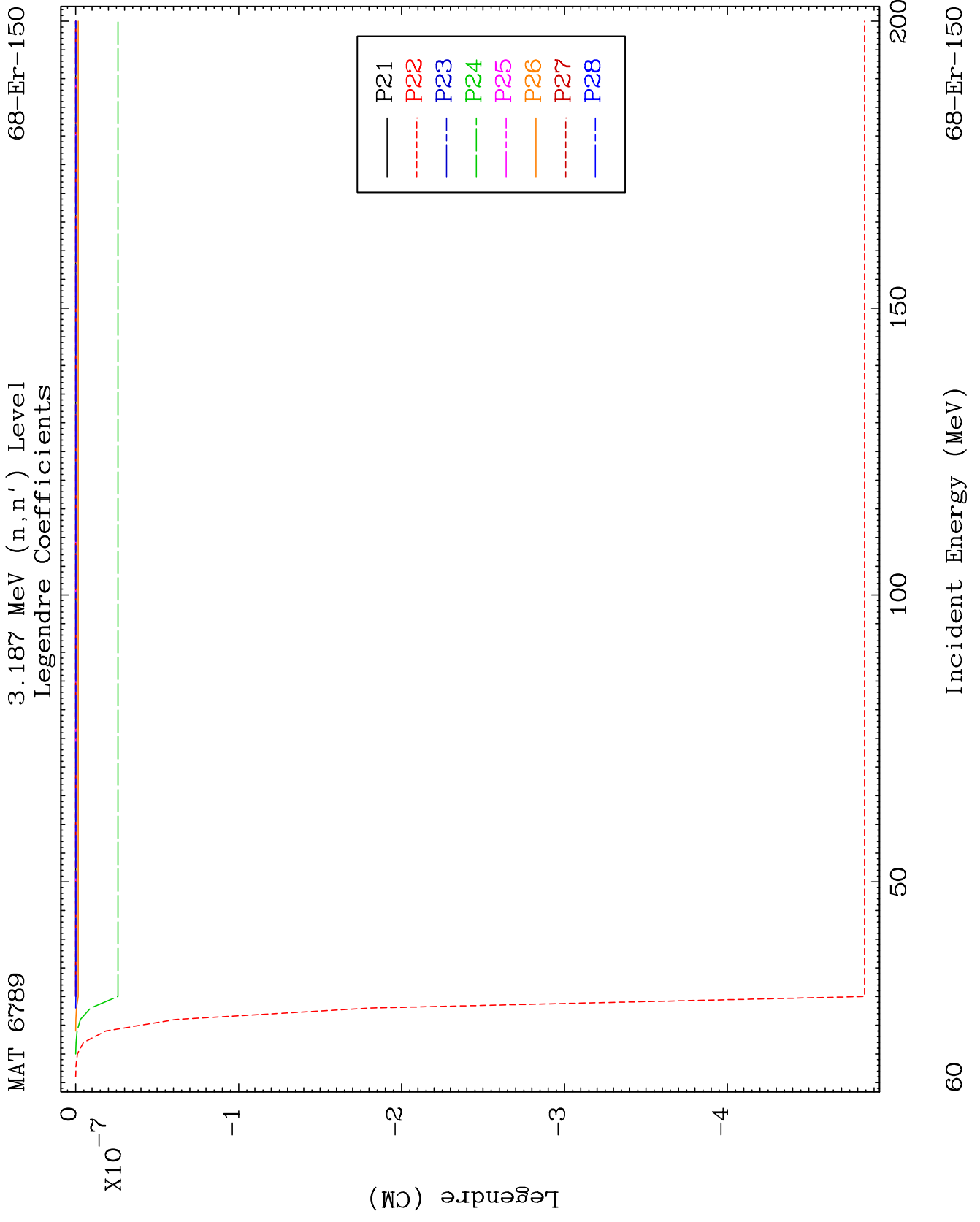
Incident Energy (MeV)

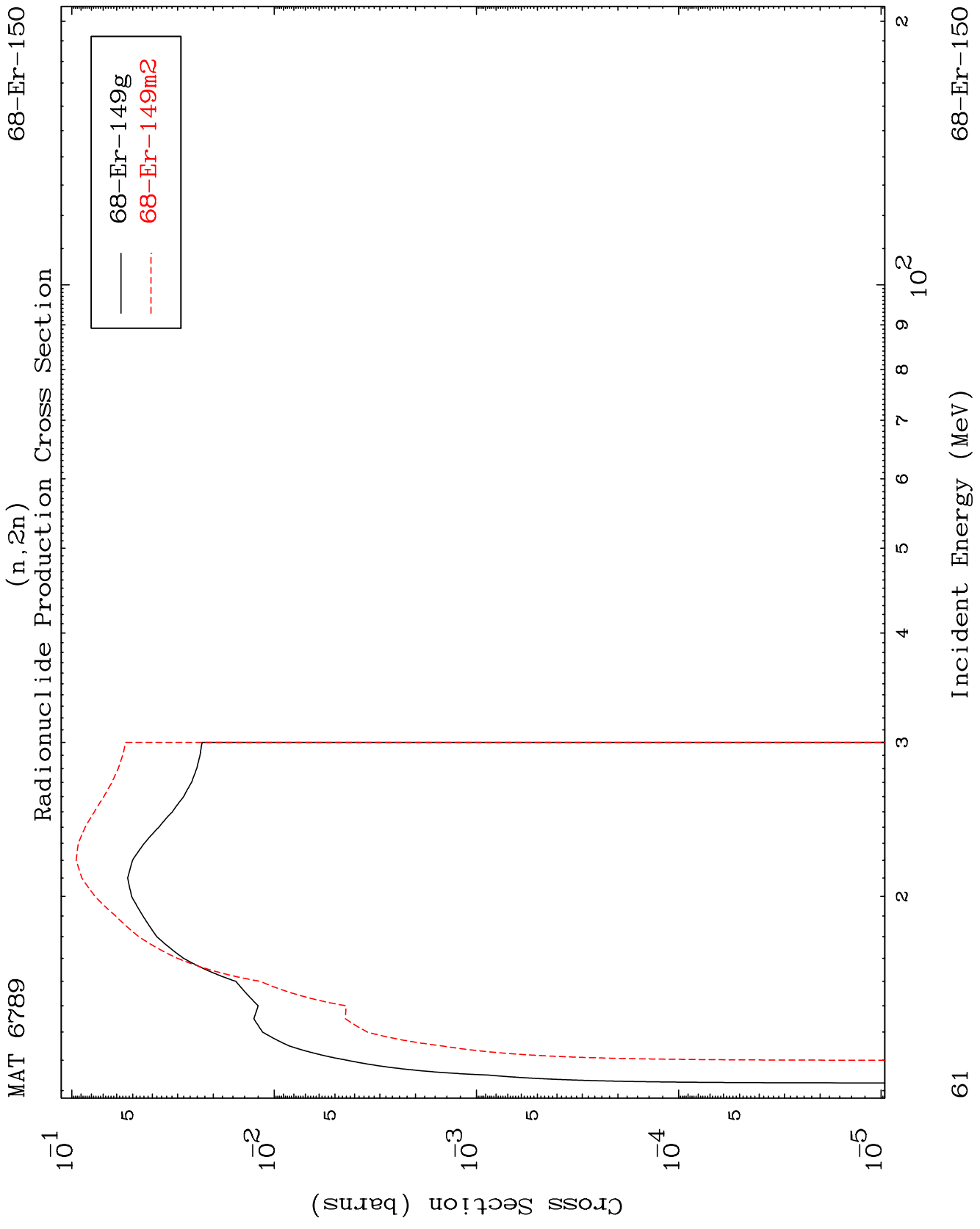
68-Er-150









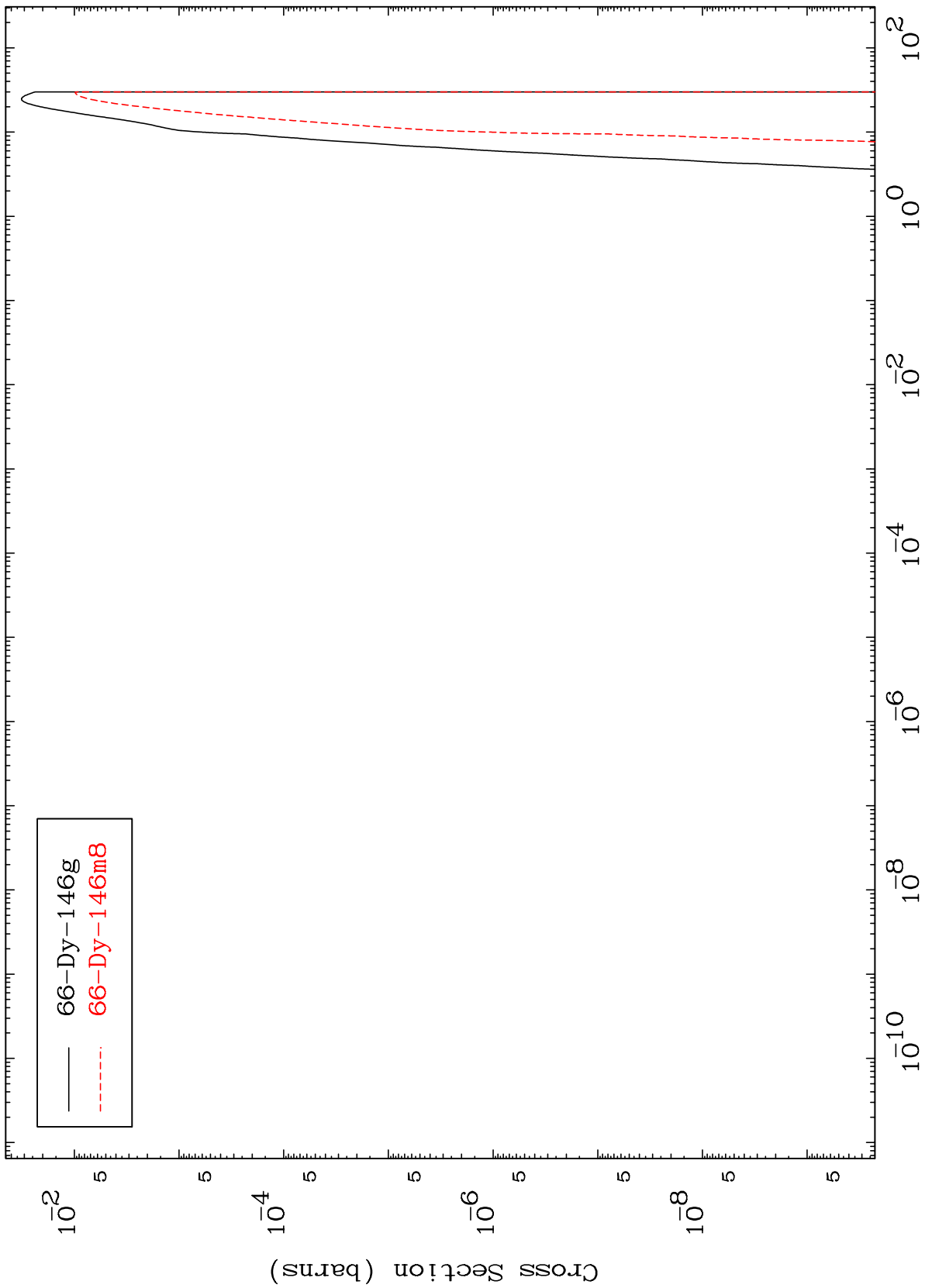


MAT 6789

$(n, n') \alpha$

68-Er-150

Radionuclide Production Cross Section



62

Incident Energy (MeV)

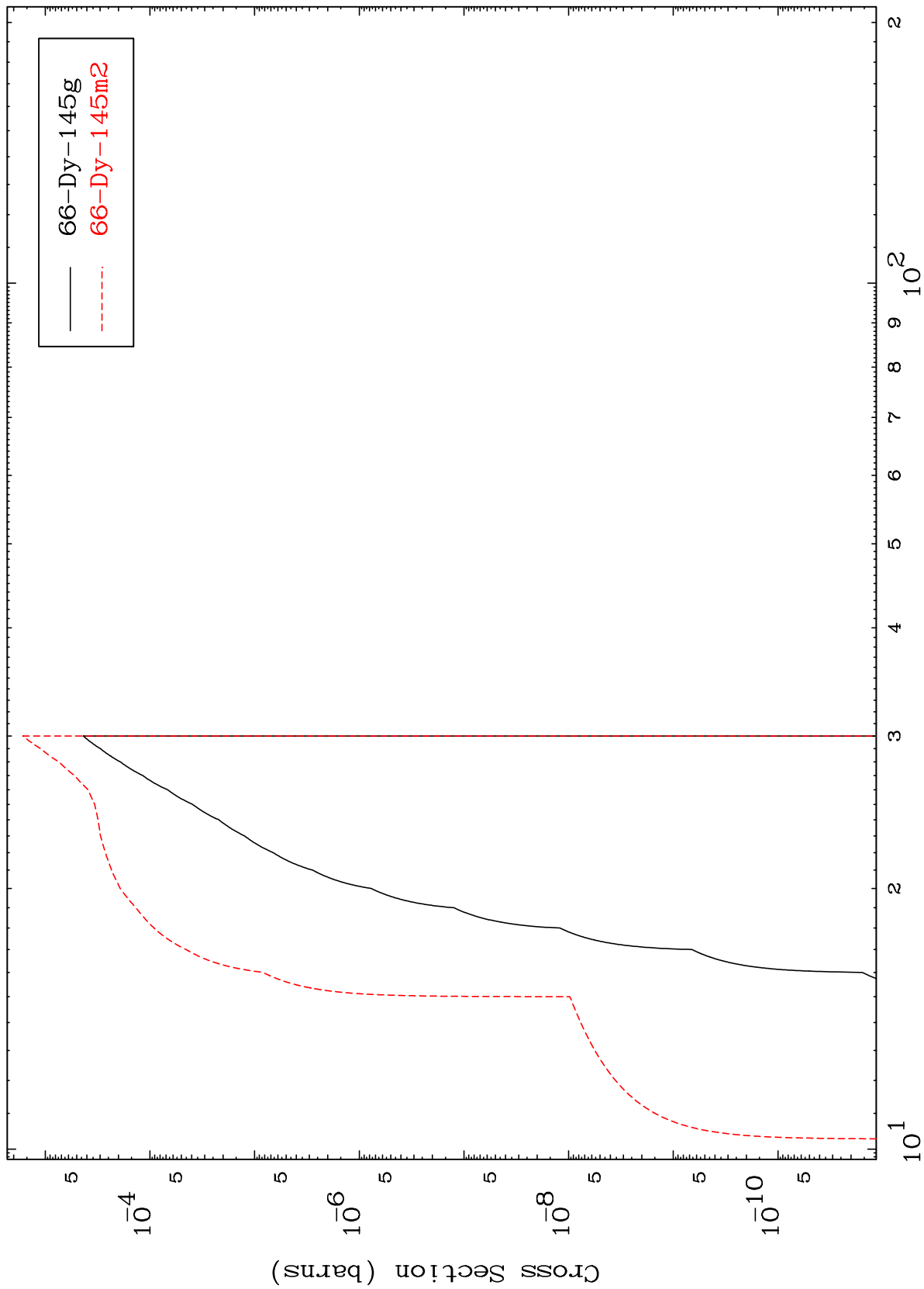
68-Er-150

MAT 6789

$(n,2n) \alpha$

68-Er-150

Radionuclide Production Cross Section



Incident Energy (MeV)

68-Er-150

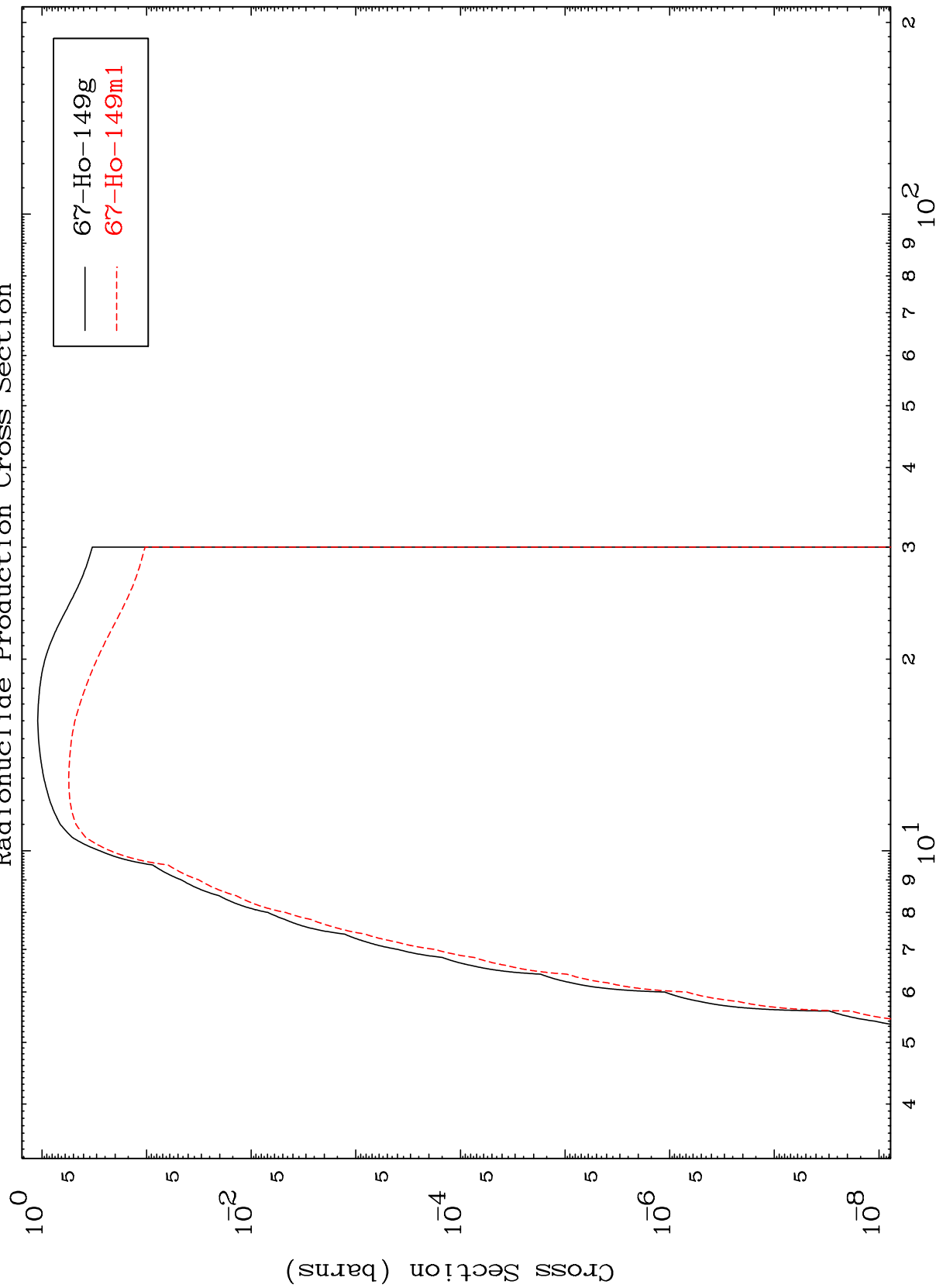
63

MAT 6789

(n,n') p

68-Er-150

Radionuclide Production Cross Section



64

Incident Energy (MeV)

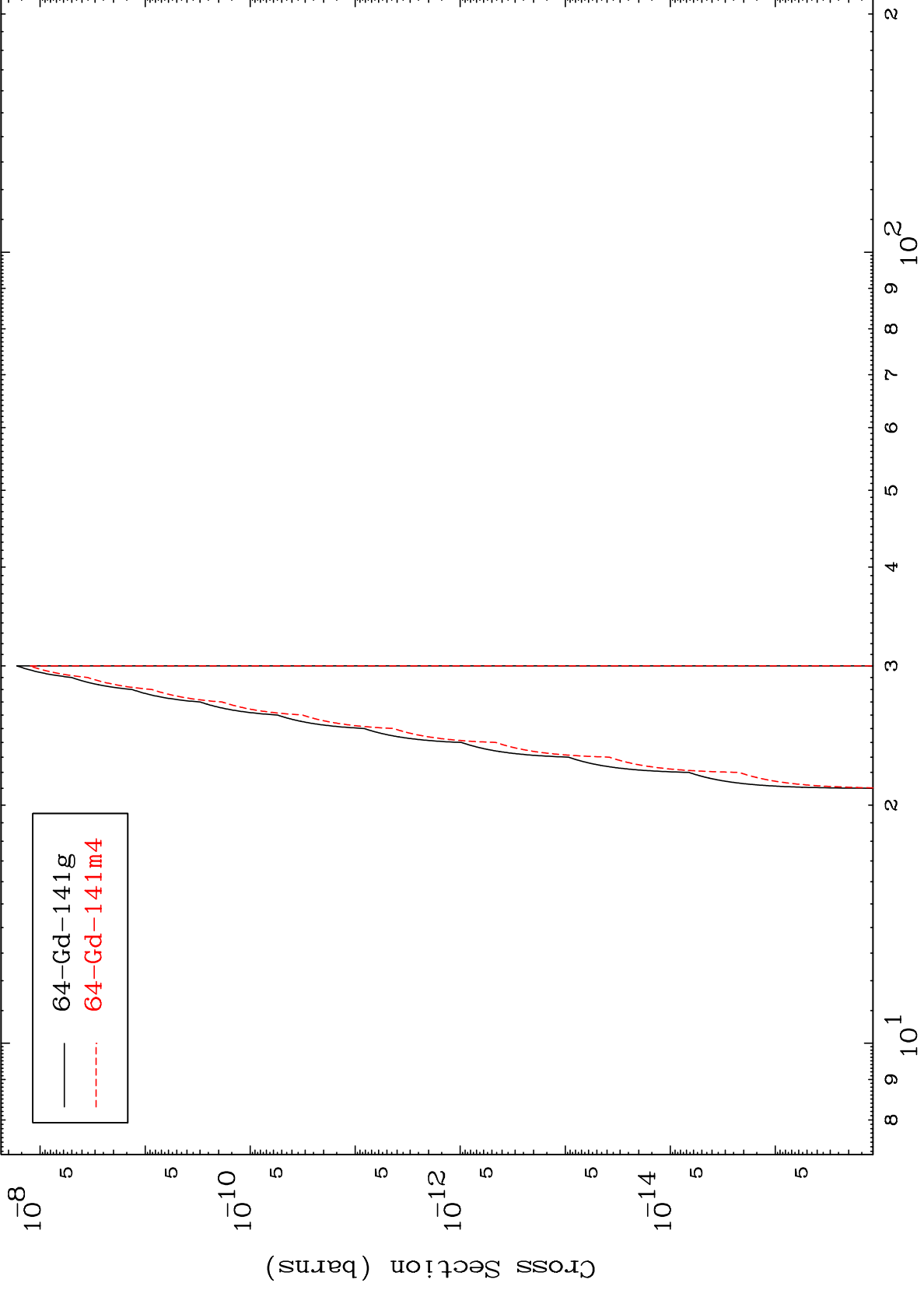
68-Er-150

MAT 6789

(n,2n) 2α

68-Er-150

Radionuclide Production Cross Section



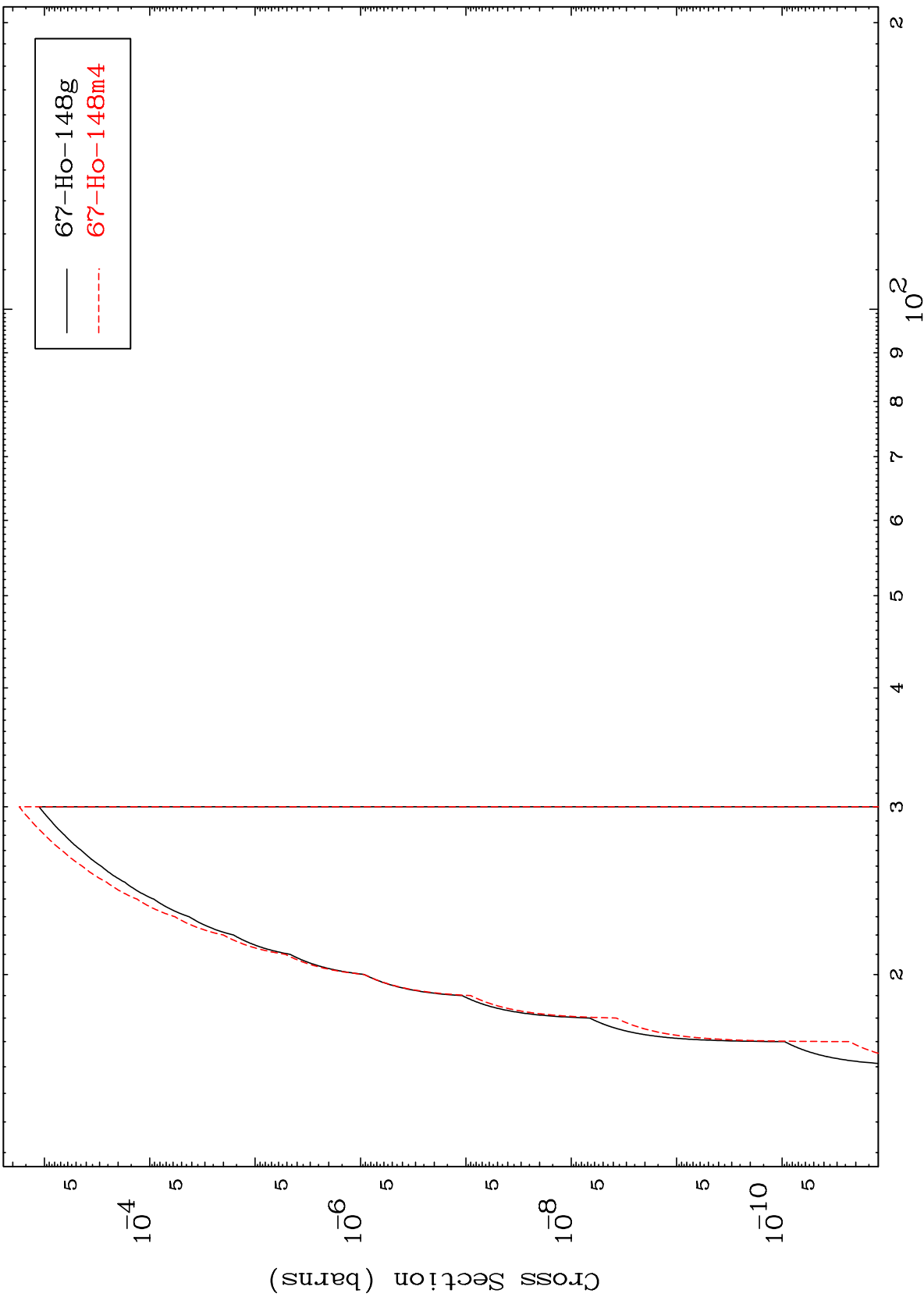
64-Gd-141g
64-Gd-141m4

65

Incident Energy (MeV)

68-Er-150

Radionuclide Production Cross Section



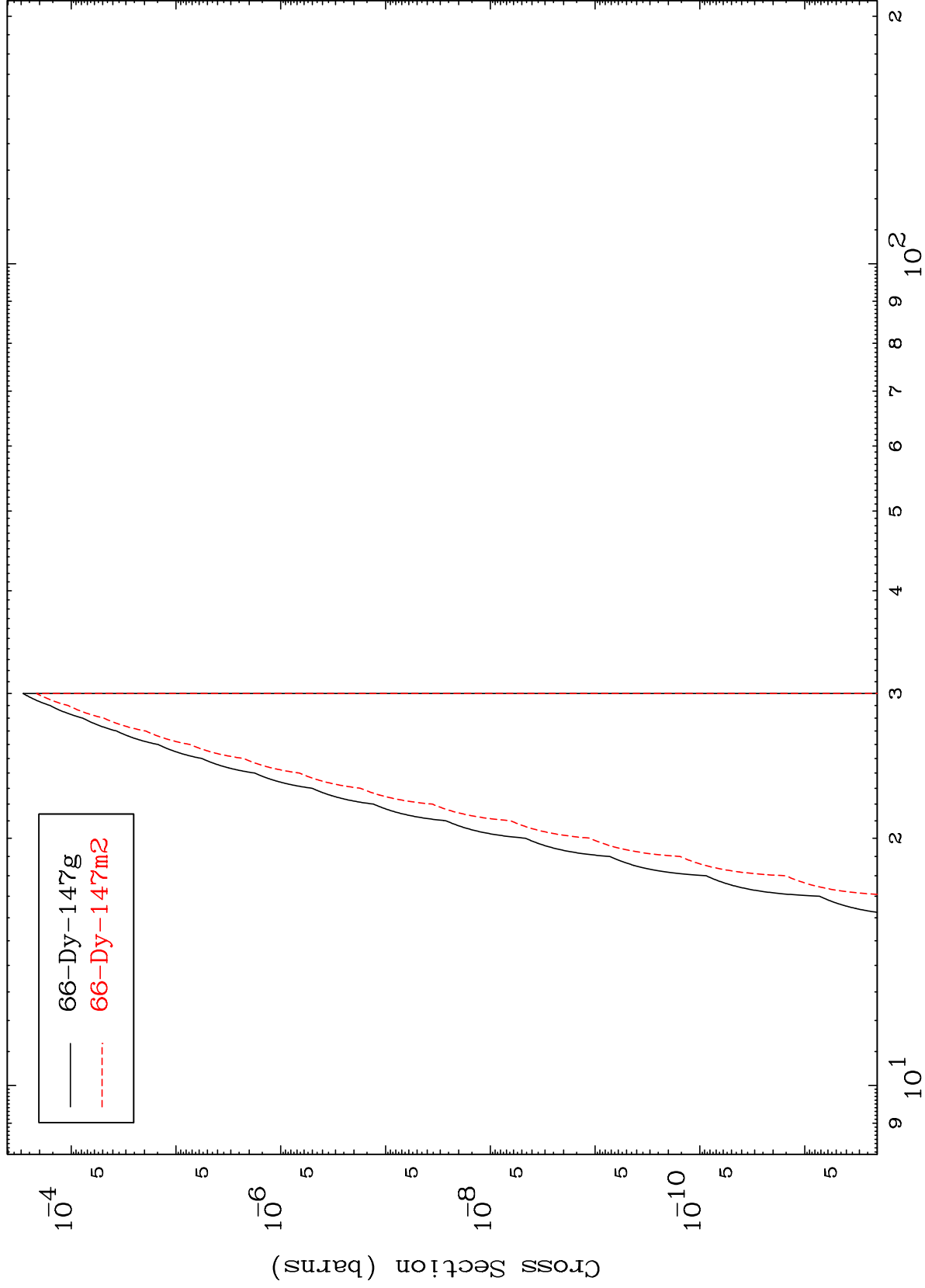
67-Ho-148g
67-Ho-148m4

MAT 6789

(n,n') He-3

68-Er-150

Radionuclide Production Cross Section



67

Incident Energy (MeV)

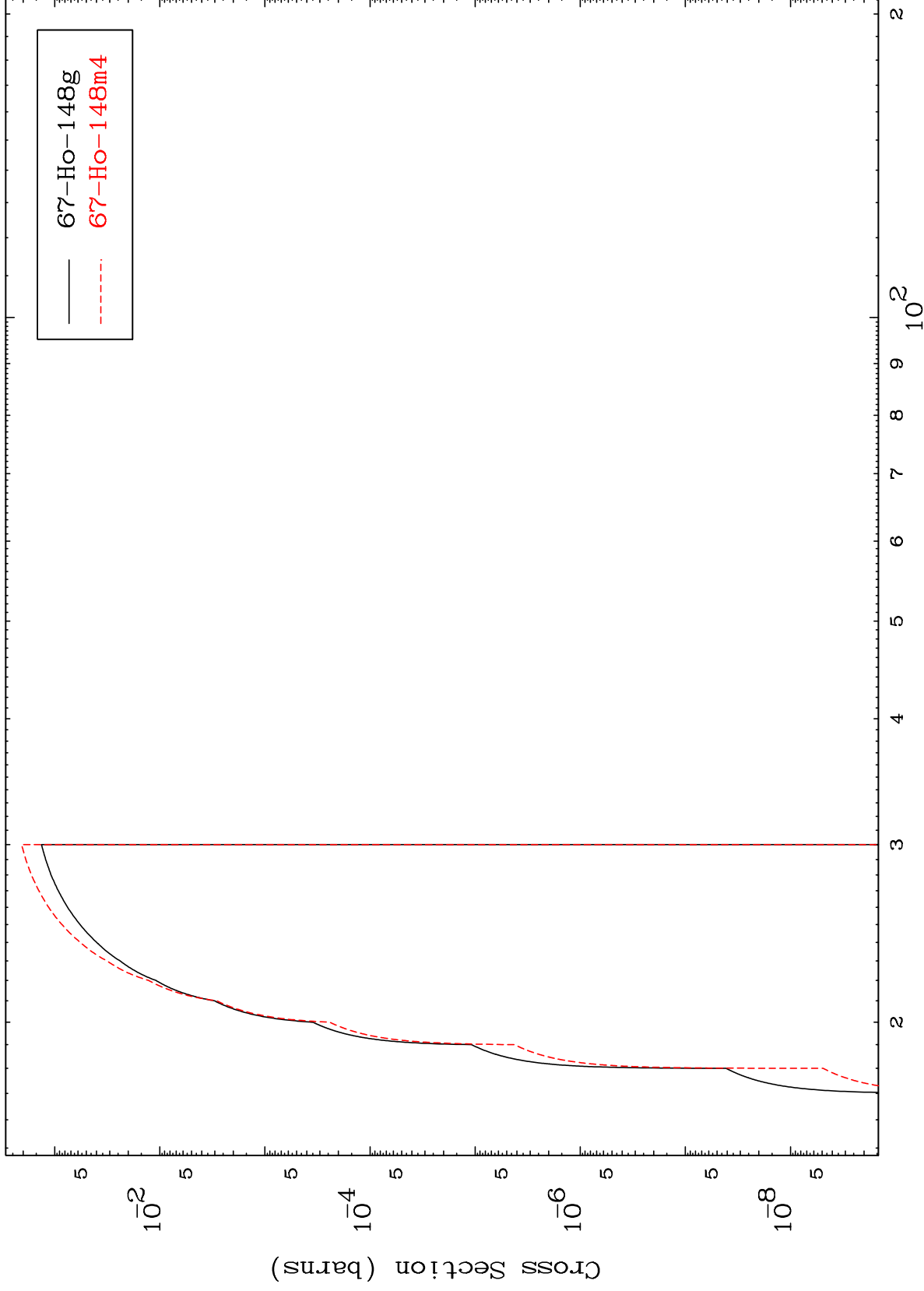
68-Er-150

MAT 6789

(n,2n) p

68-Er-150

Radionuclide Production Cross Section



68

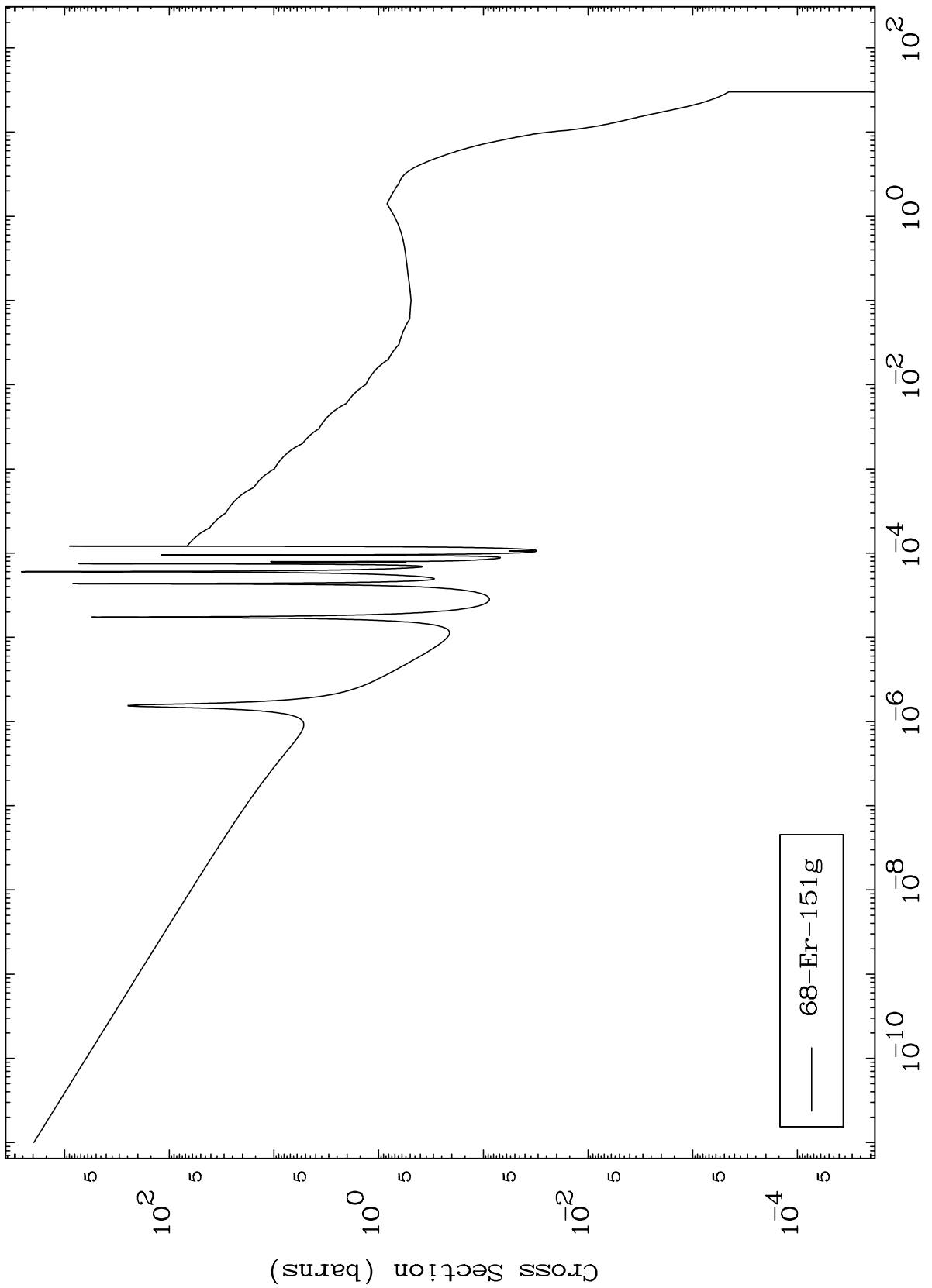
Incident Energy (MeV)

68-Er-150

MAT 6789

68-Er-150

(n, γ)
Radionuclide Production Cross Section



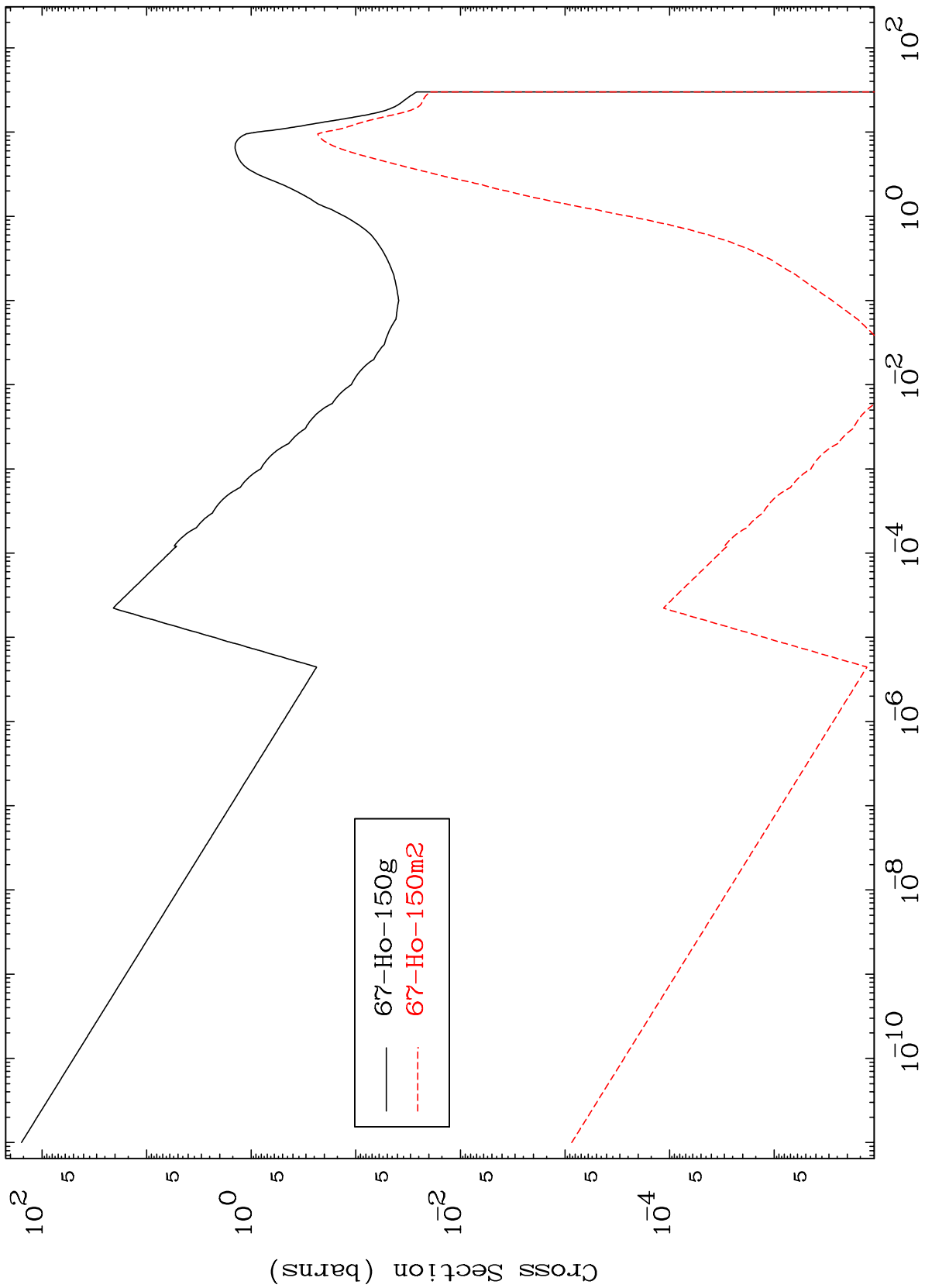
69

68-Er-150

MAT 6789

68-Er-150

(n,p)
Radionuclide Production Cross Section



70

68-Er-150

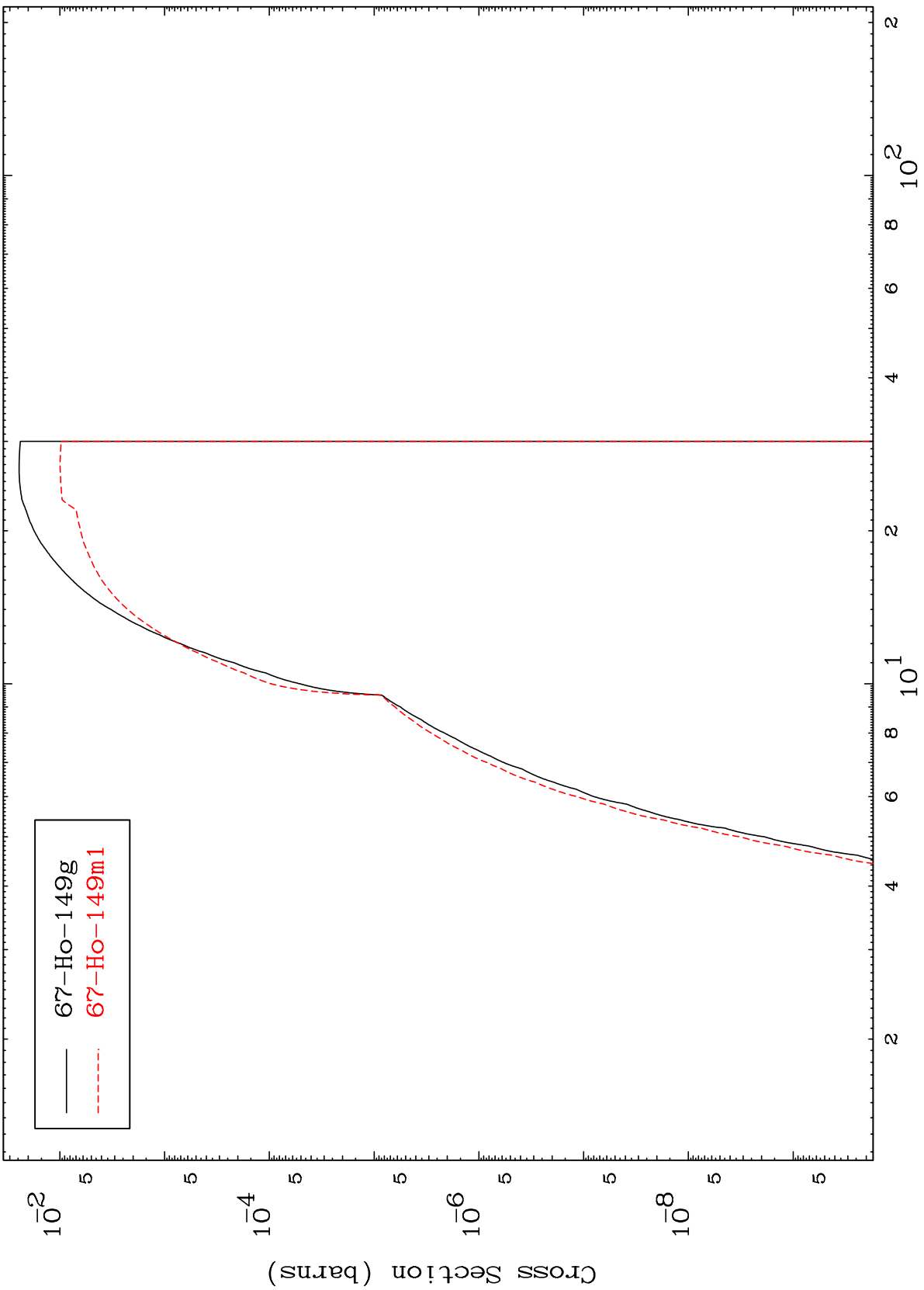
Incident Energy (MeV)

MAT 6789

(n,d)

68-Er-150

Radionuclide Production Cross Section



67-Ho-149g
67-Ho-149m1

71

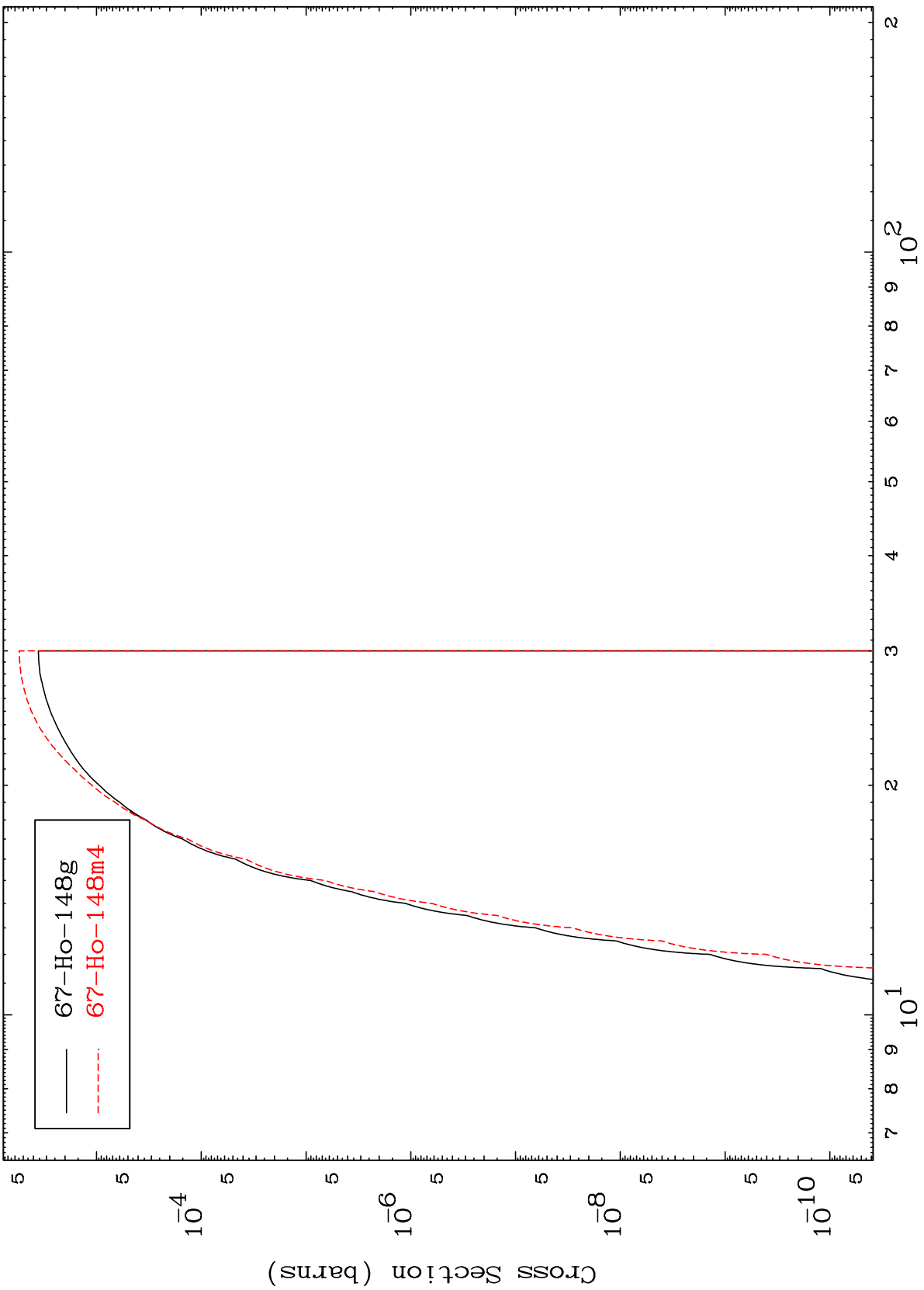
Incident Energy (MeV)

68-Er-150

MAT 6789

68-Er-150

(n, t)
Radionuclide Production Cross Section



72

Incident Energy (MeV)

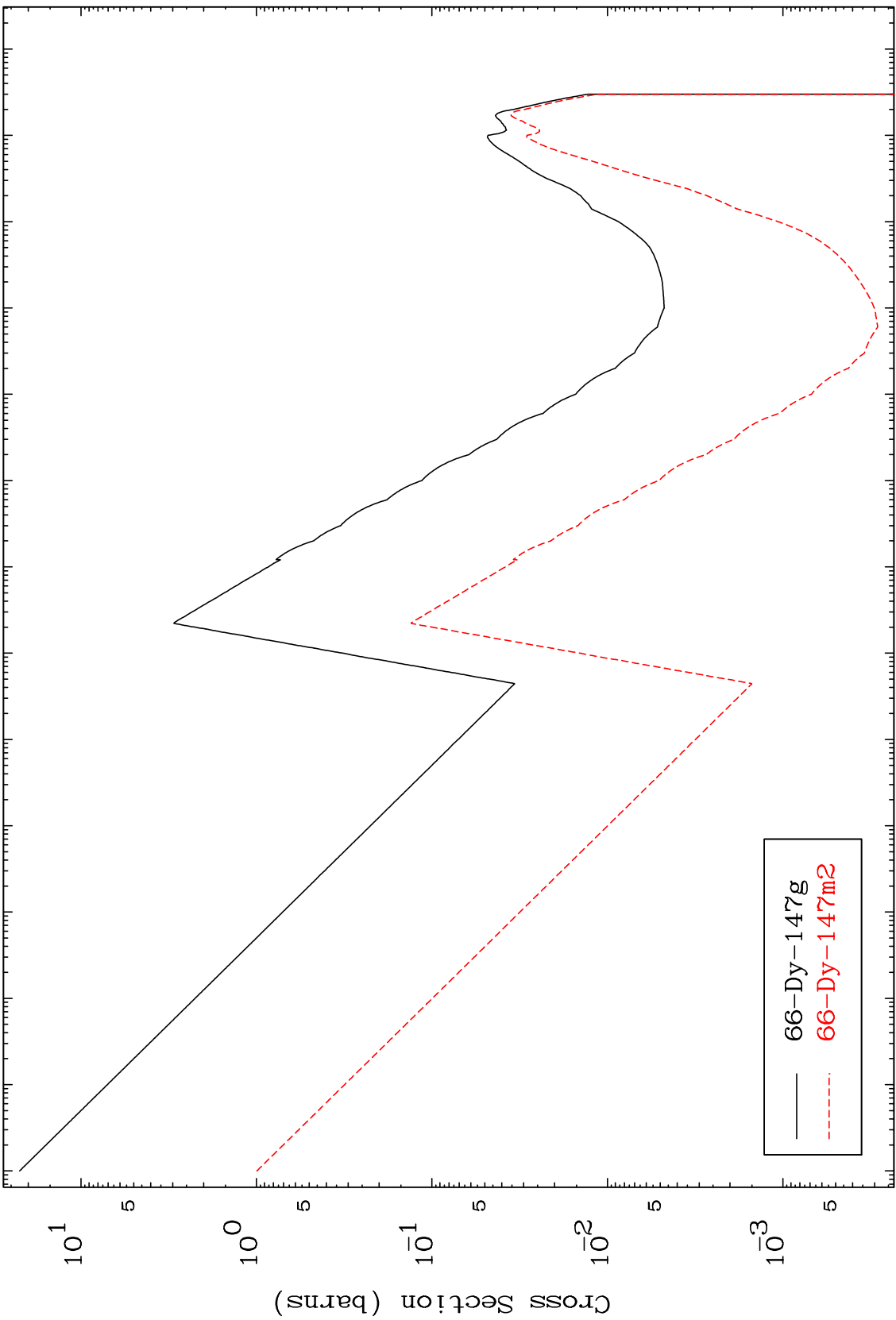
68-Er-150

MAT 6789

68-Er-150

Radionuclide Production Cross Section

(n, α)

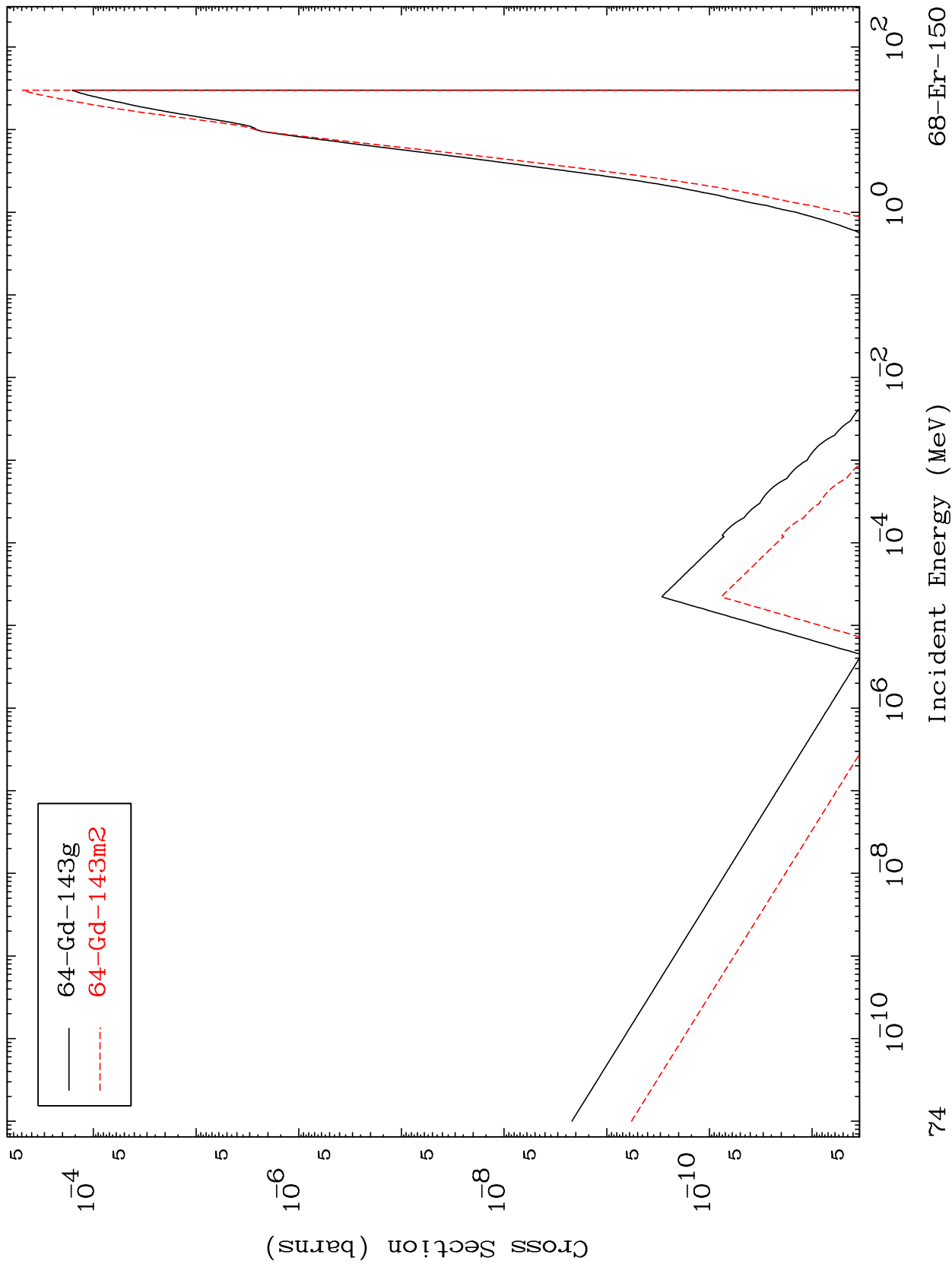


— 66-Dy-147g
- - - 66-Dy-147m2

MAT 6789

68-Er-150

Radionuclide Production Cross Section
(n,2 α)

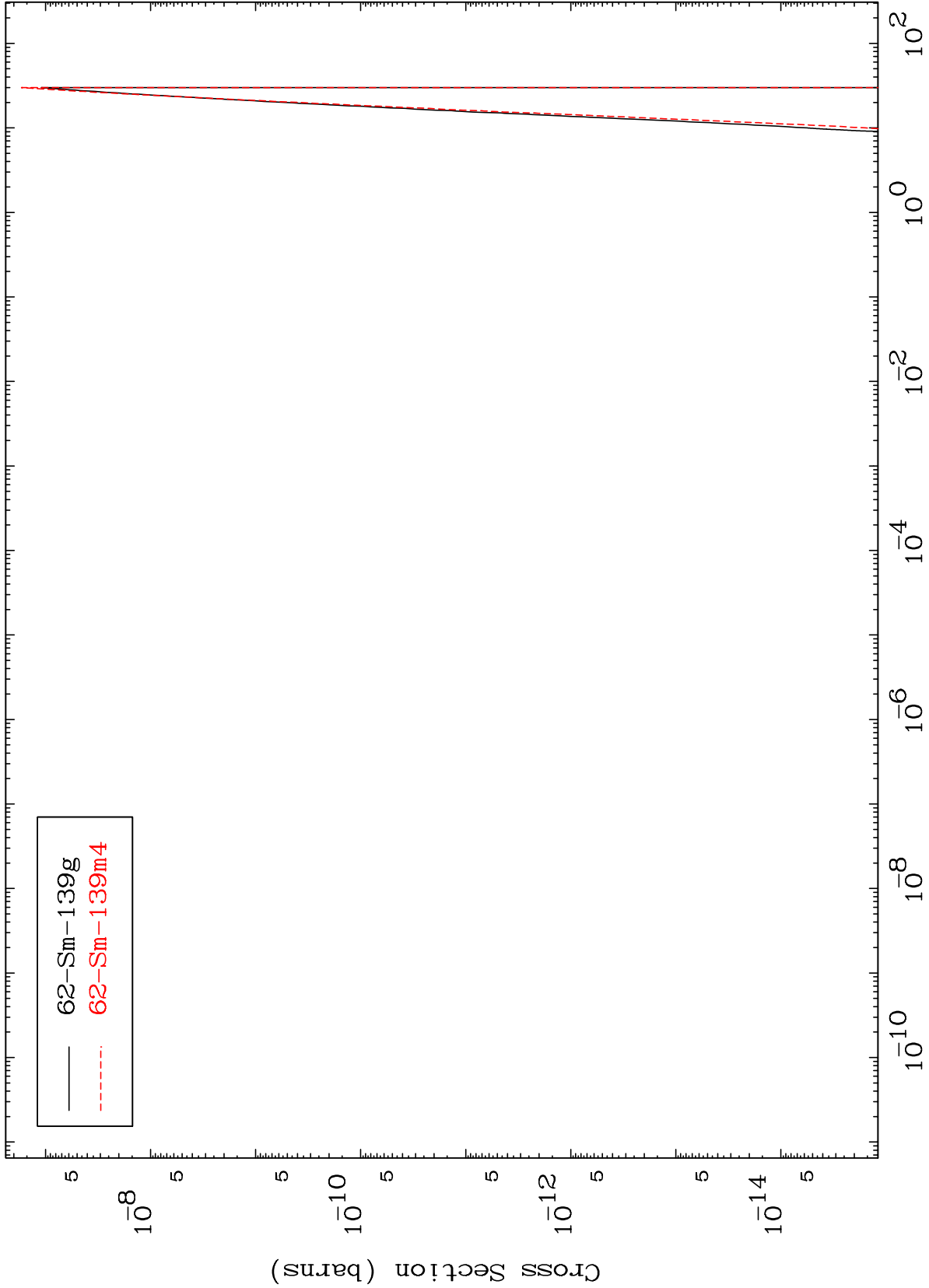


MAT 6789

(n,3 α)

68-Er-150

Radionuclide Production Cross Section



75

Incident Energy (MeV)

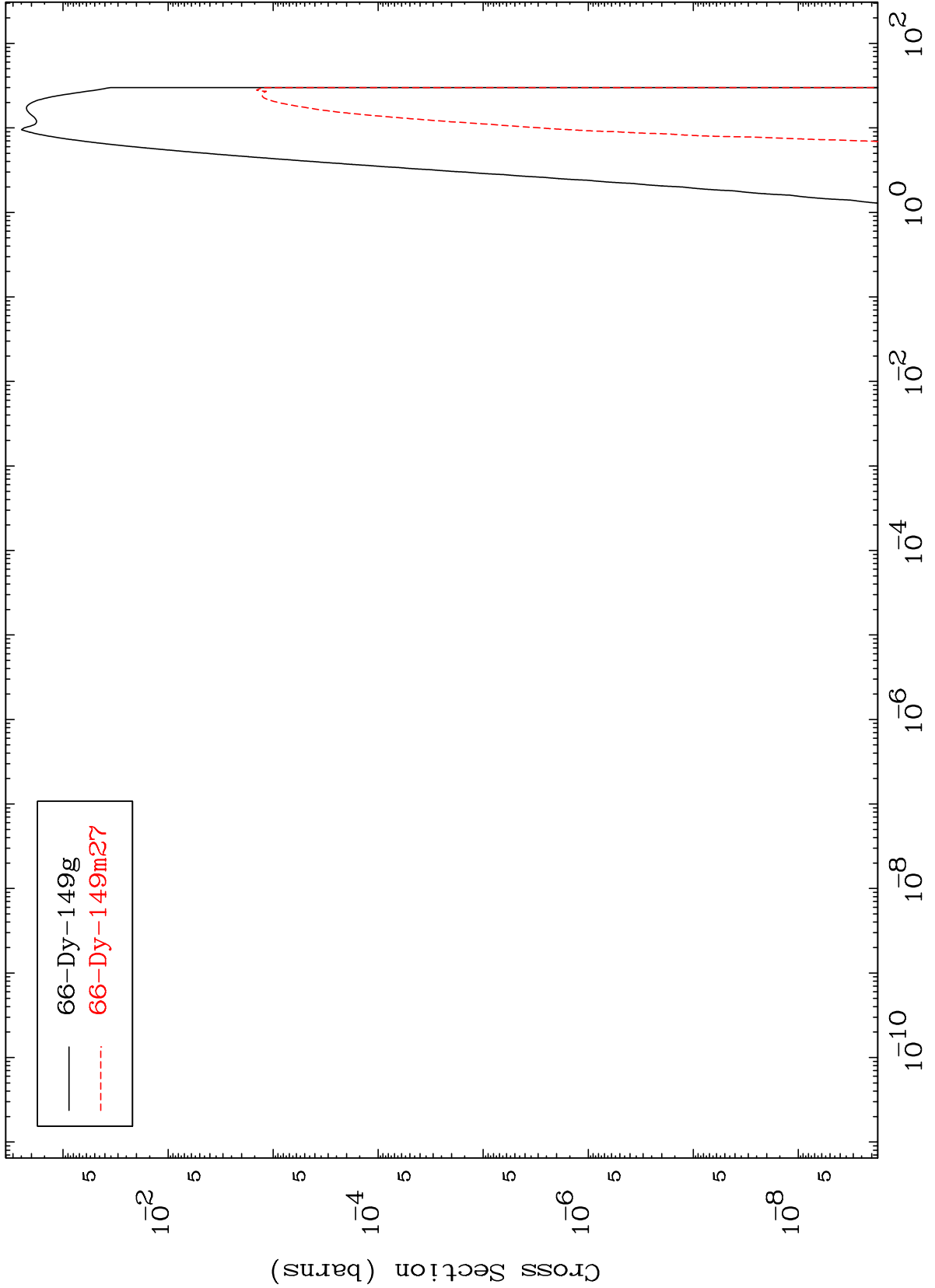
68-Er-150

MAT 6789

(n,2p)

68-Er-150

Radionuclide Production Cross Section



76

Incident Energy (MeV)

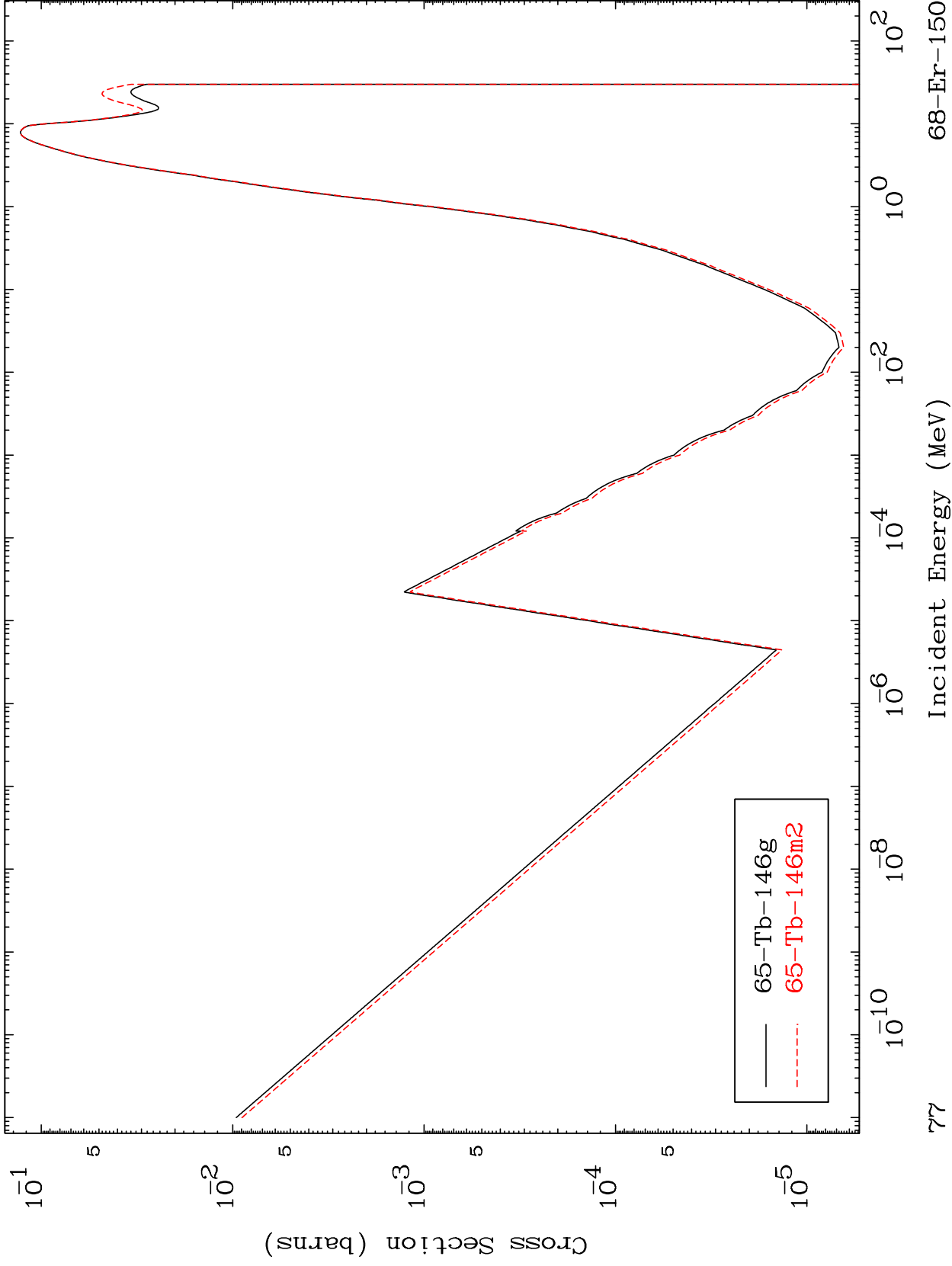
68-Er-150

MAT 6789

(n,p) α

68-Er-150

Radionuclide Production Cross Section



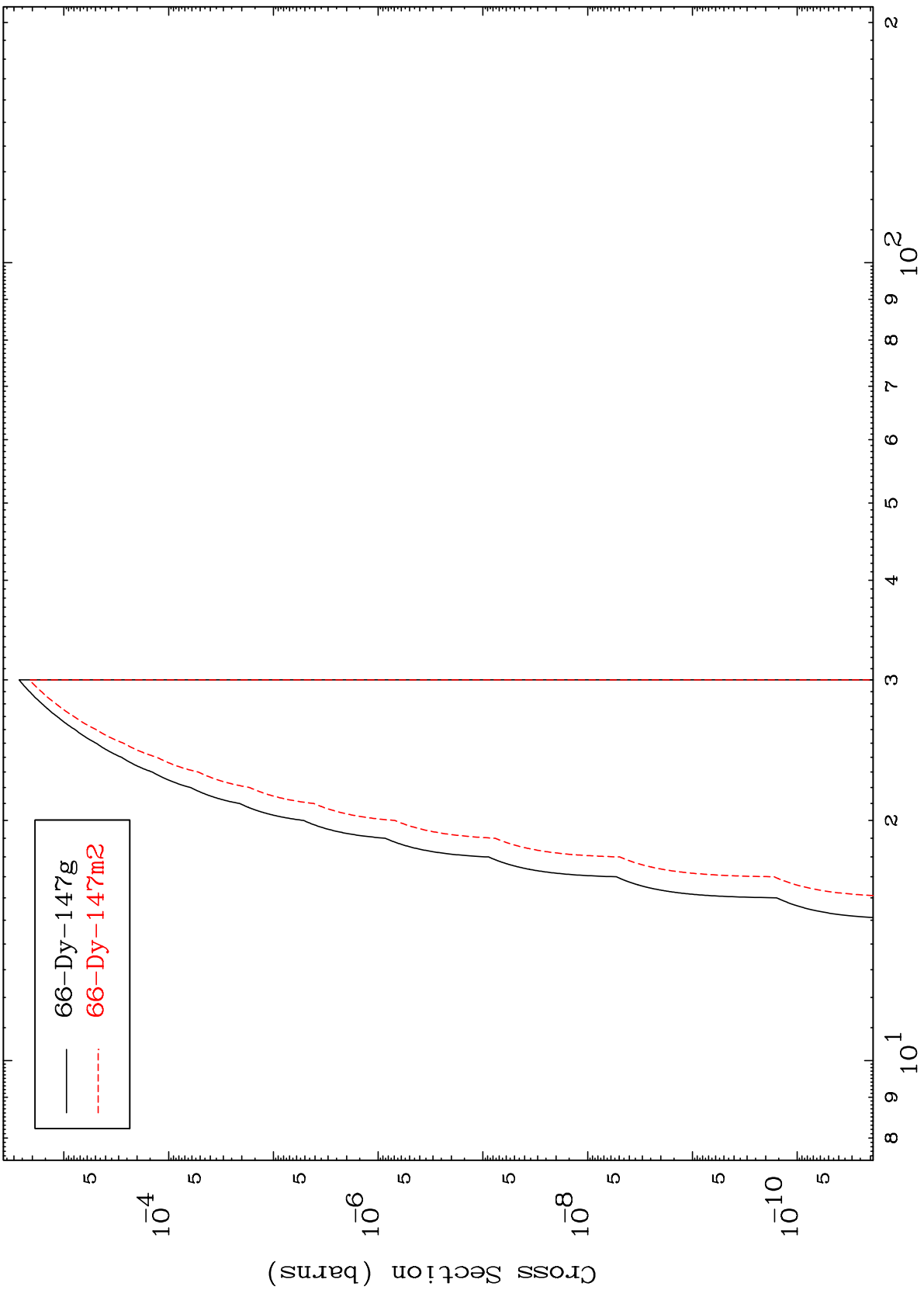
77

MAT 6789

(n,p) t

68-Er-150

Radionuclide Production Cross Section



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

78

Incident Energy (MeV)

68-Er-150