

Program EVALPLOT
(Version 2018-1)

by

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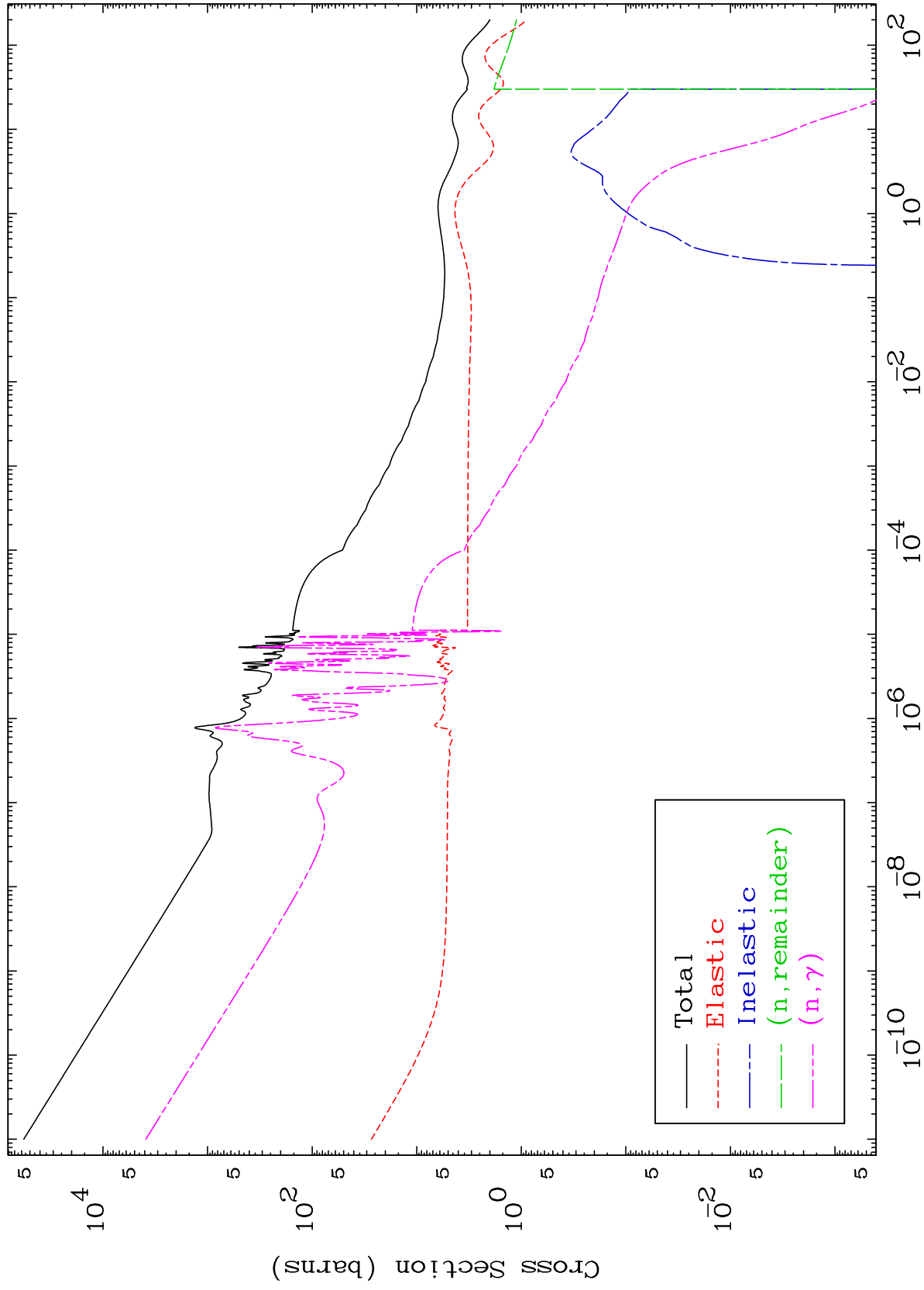
Press Mouse Button to Start

MAT 5483

Major

293 Kelvin Cross Sections

55-Cs-119



1

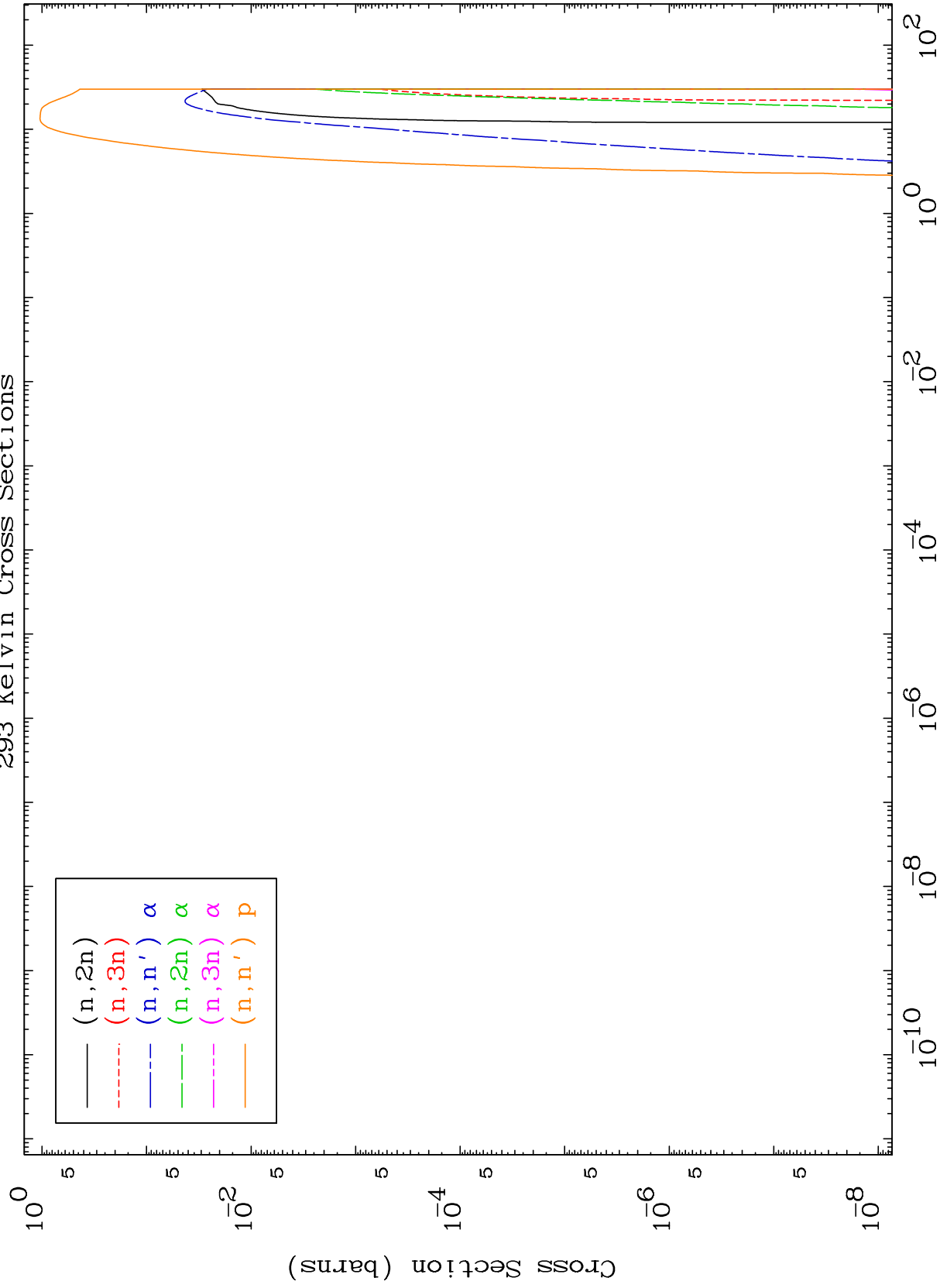
Incident Energy (MeV)

55-Cs-119

MAT 5483

Neutron Production
293 Kelvin Cross Sections

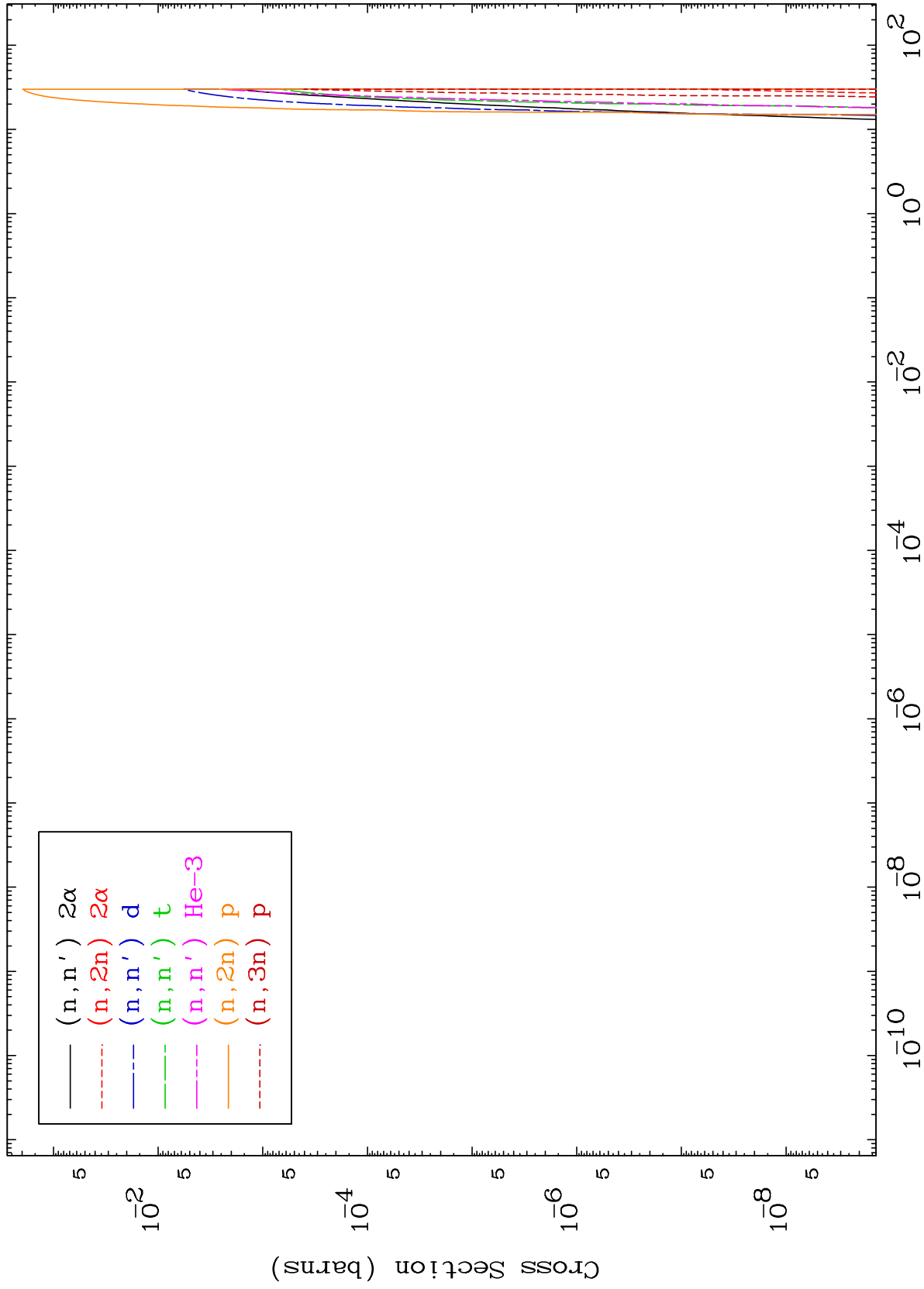
55-Cs-119



MAT 5483

Neutron Production
293 Kelvin Cross Sections

55-Cs-119



3

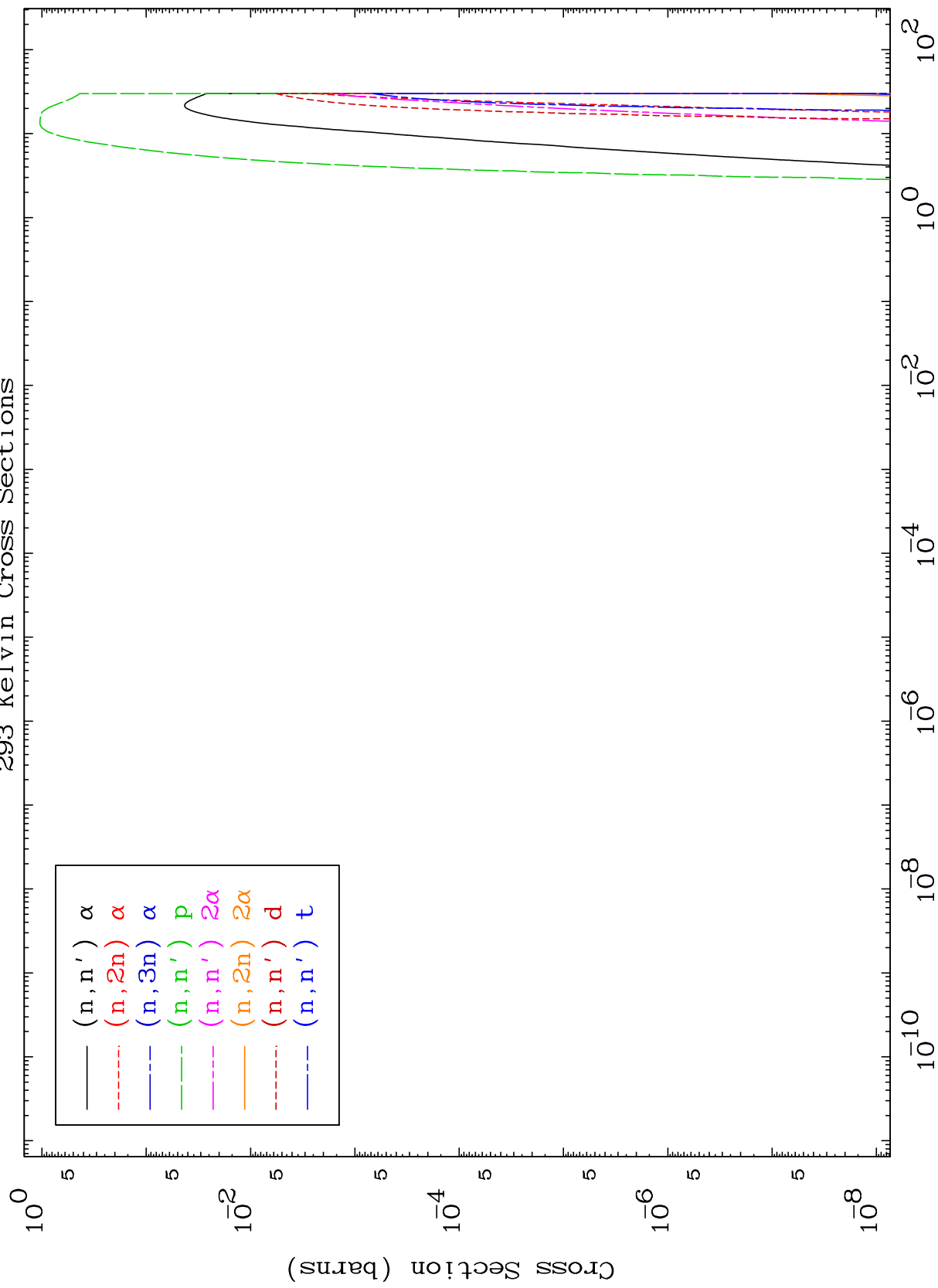
Incident Energy (MeV)

55-Cs-119

MAT 5483

293 Kelvin Cross Sections

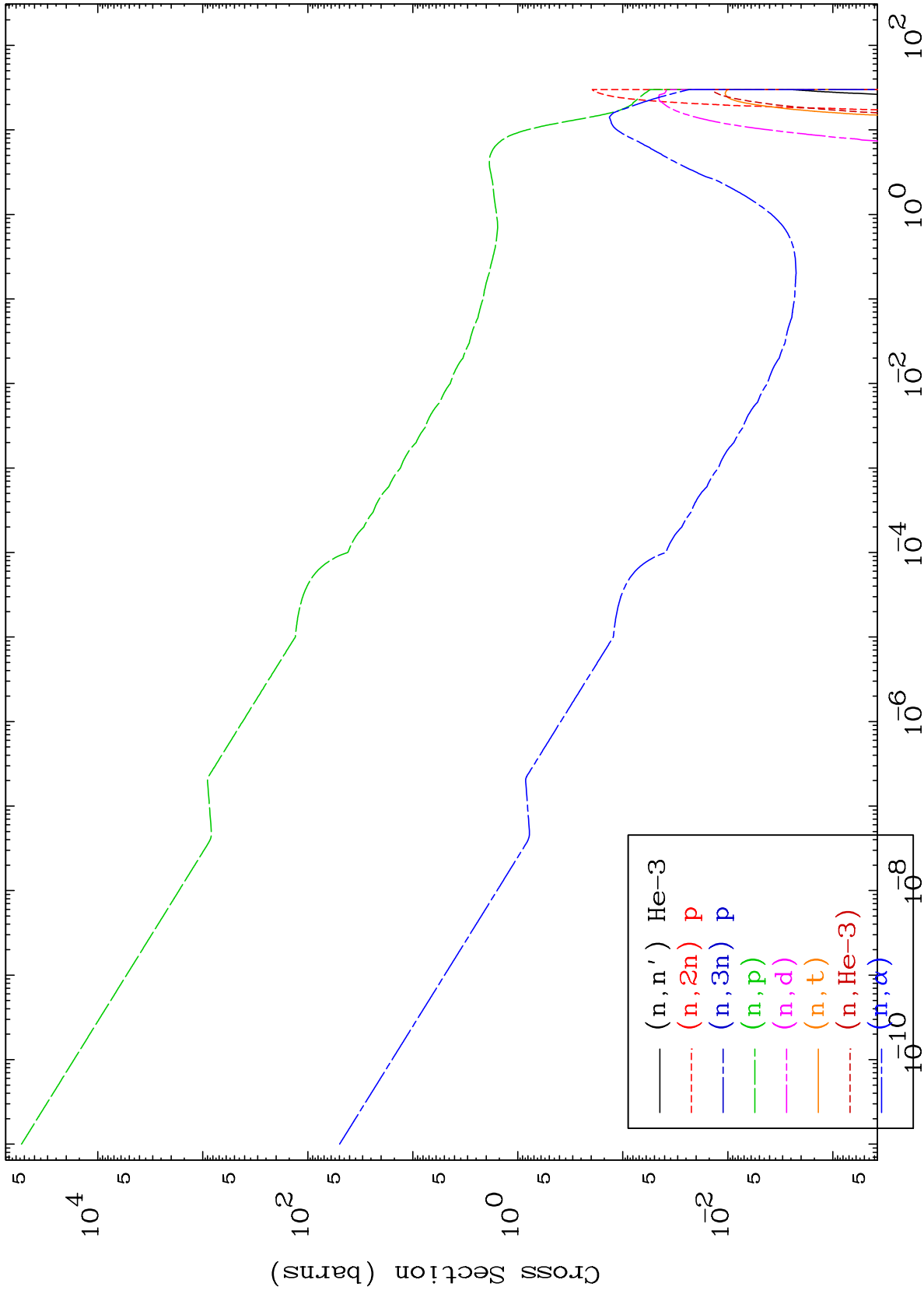
55-Cs-119



MAT 5483

Charged Particle
293 Kelvin Cross Sections

55-Cs-119



5

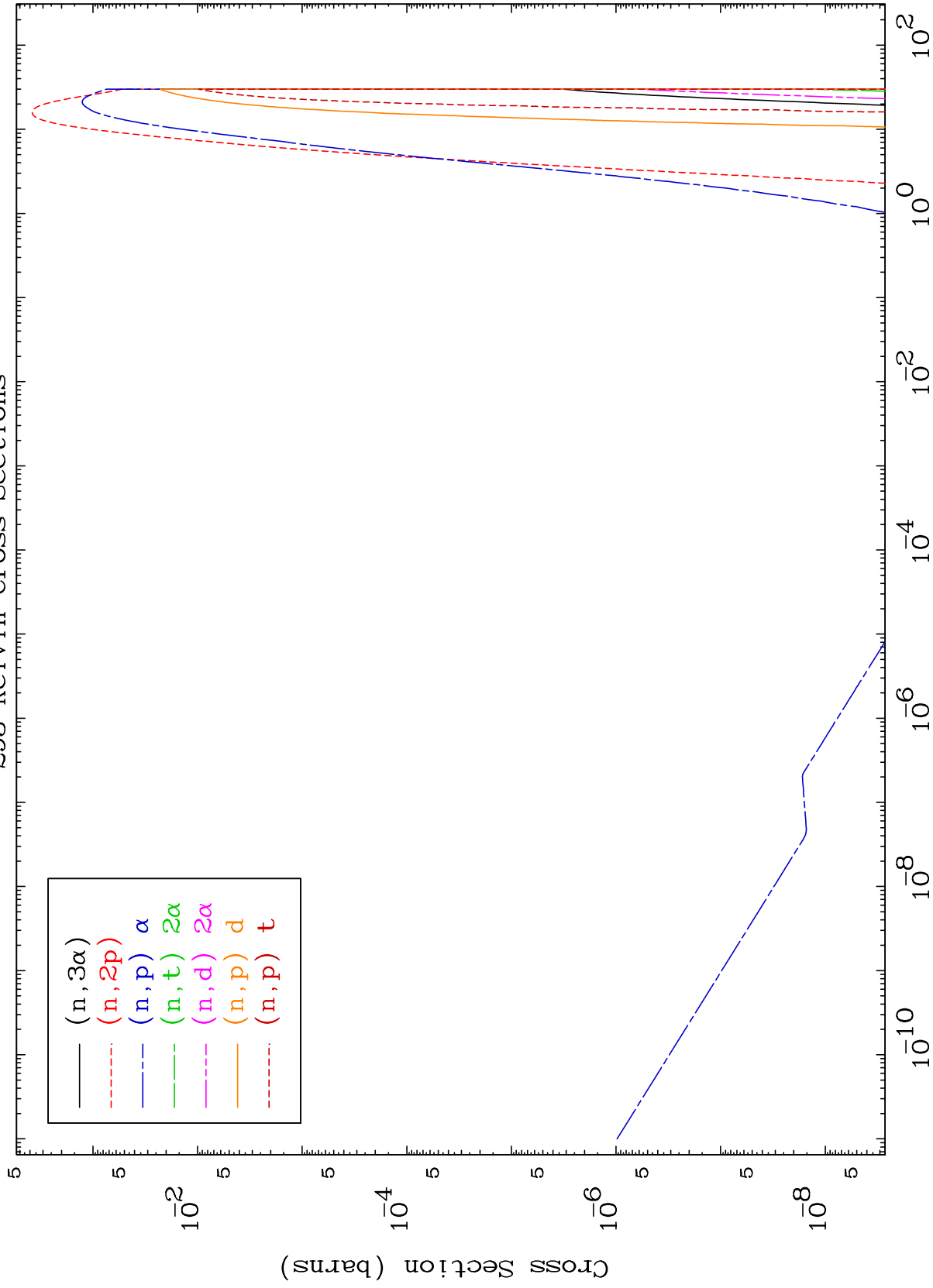
Incident Energy (MeV)

55-Cs-119

MAT 5483

293 Kelvin Cross Sections

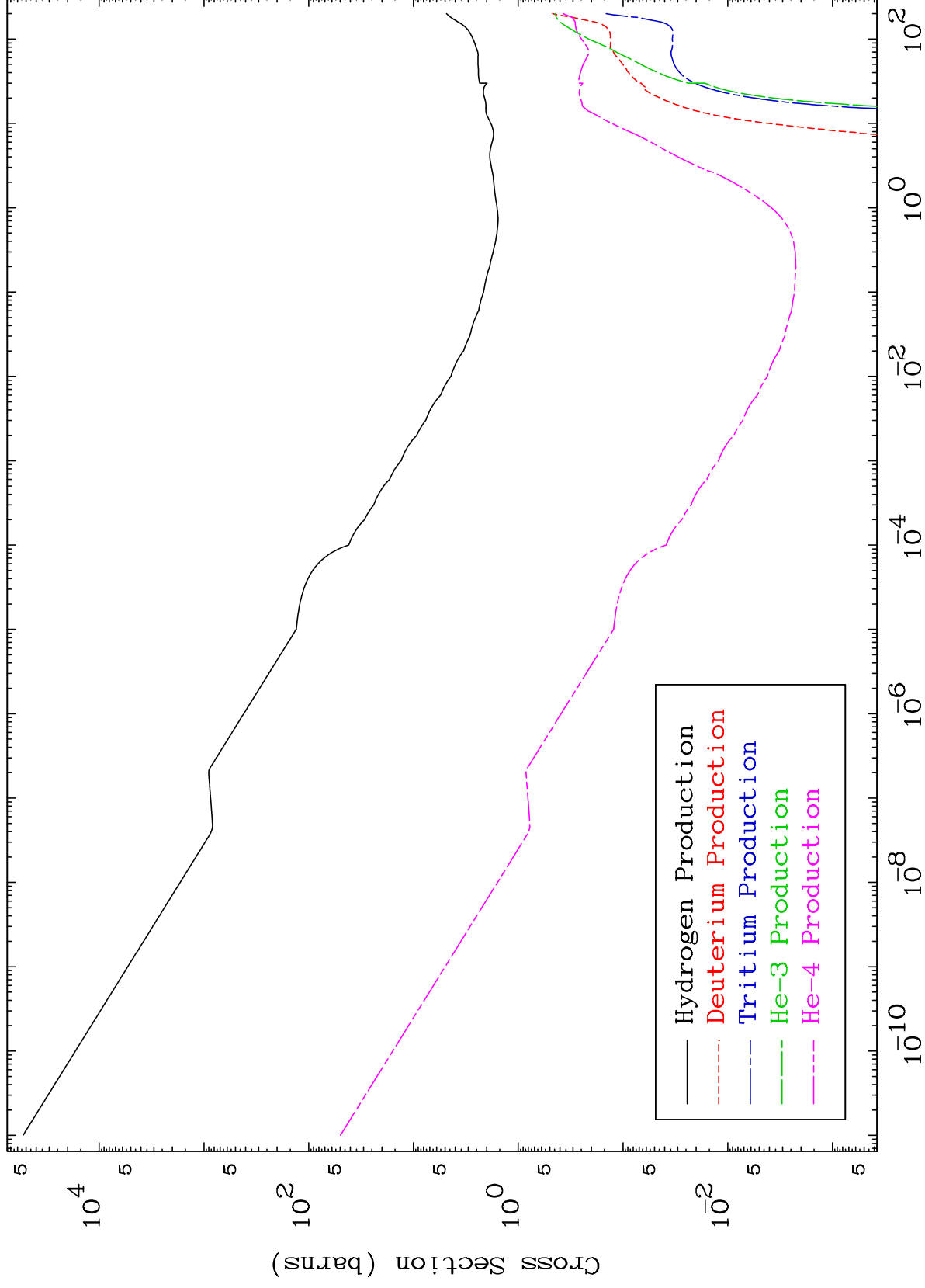
55-Cs-119



MAT 5483

Particle Production
293 Kelvin Cross Sections

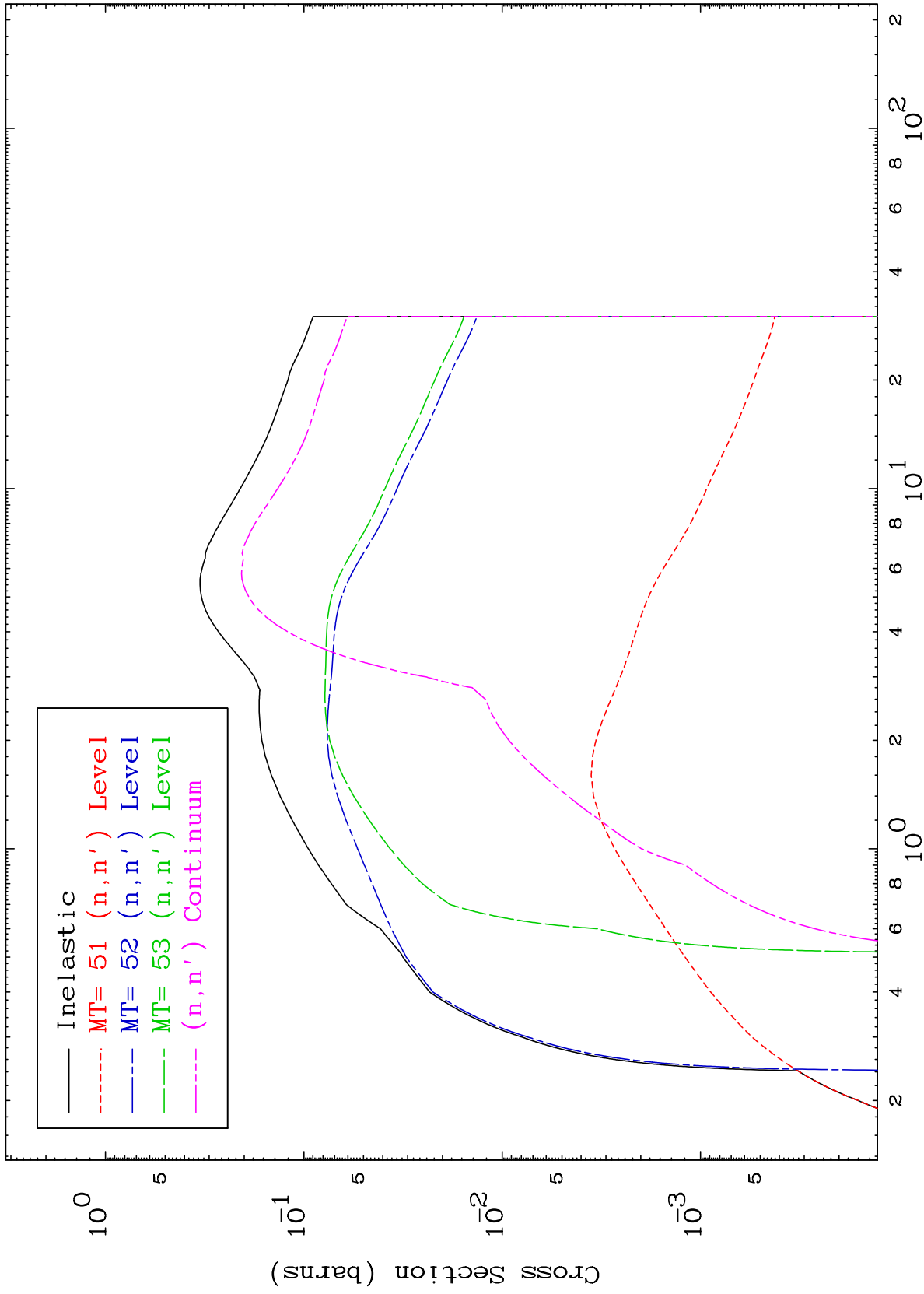
55-Cs-119



MAT 5483

(n,n') Level
293 Kelvin Cross Sections

55-Cs-119



8

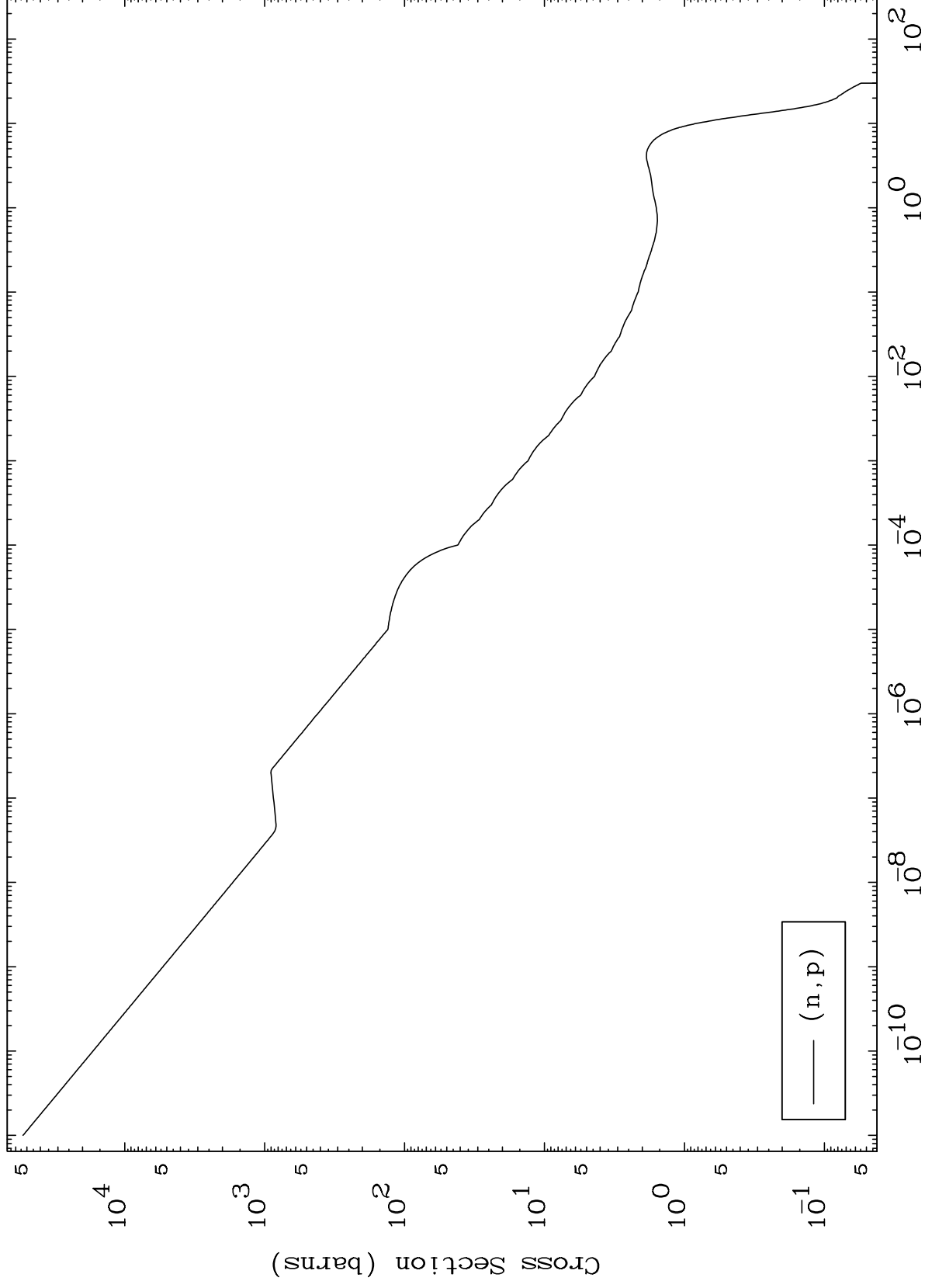
Incident Energy (MeV)

55-Cs-119

MAT 5483

293 Kelvin Cross Sections
(n,p) Levels

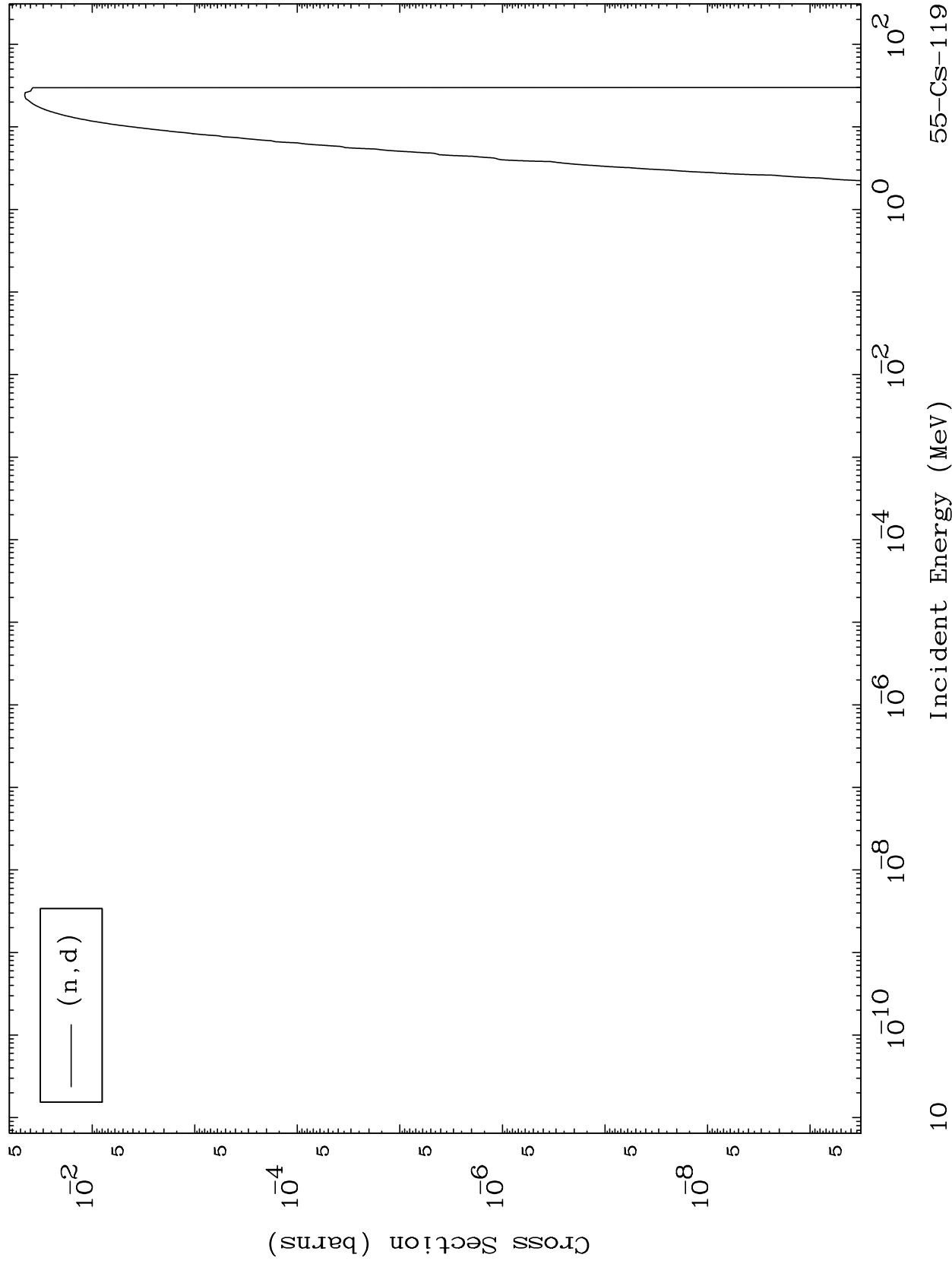
55-Cs-119



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(n,d) Levels
293 Kelvin Cross Sections

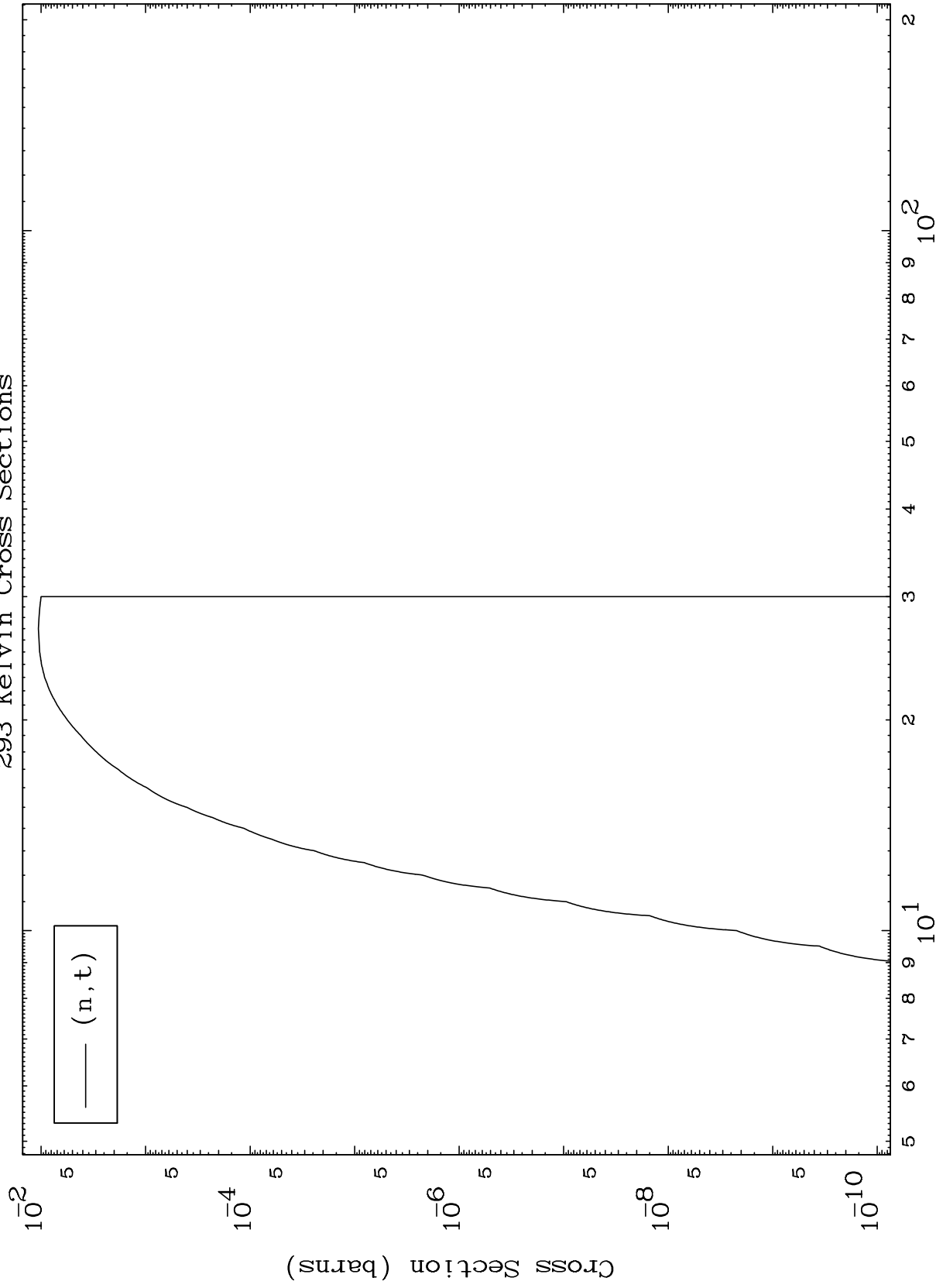
55-Cs-119



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55-Cs-119

(n,t) Levels
293 Kelvin Cross Sections



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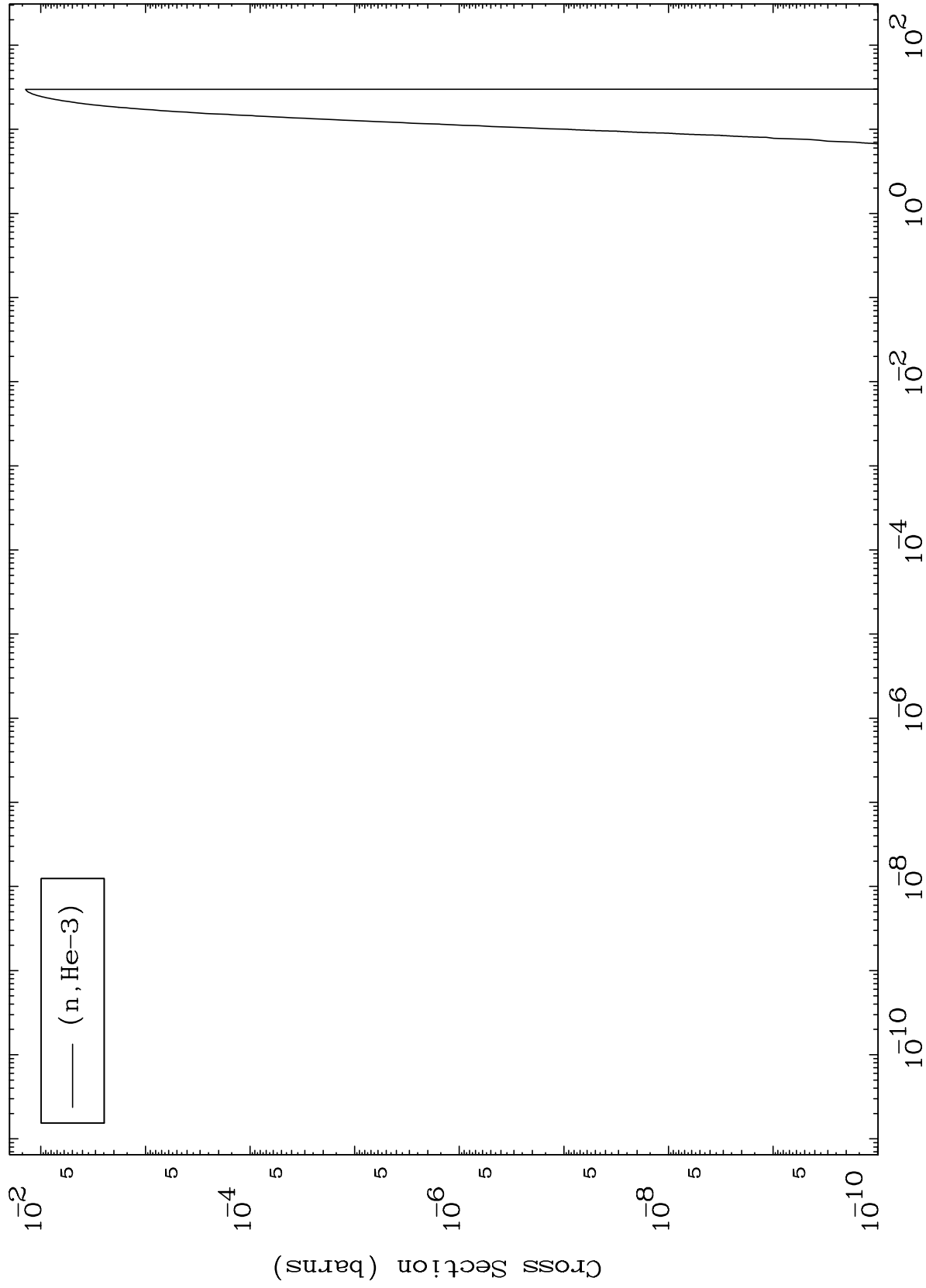
Incident Energy (MeV)

55-Cs-119

MAT 5483

(n,He3) Levels
293 Kelvin Cross Sections

55-Cs-119



12

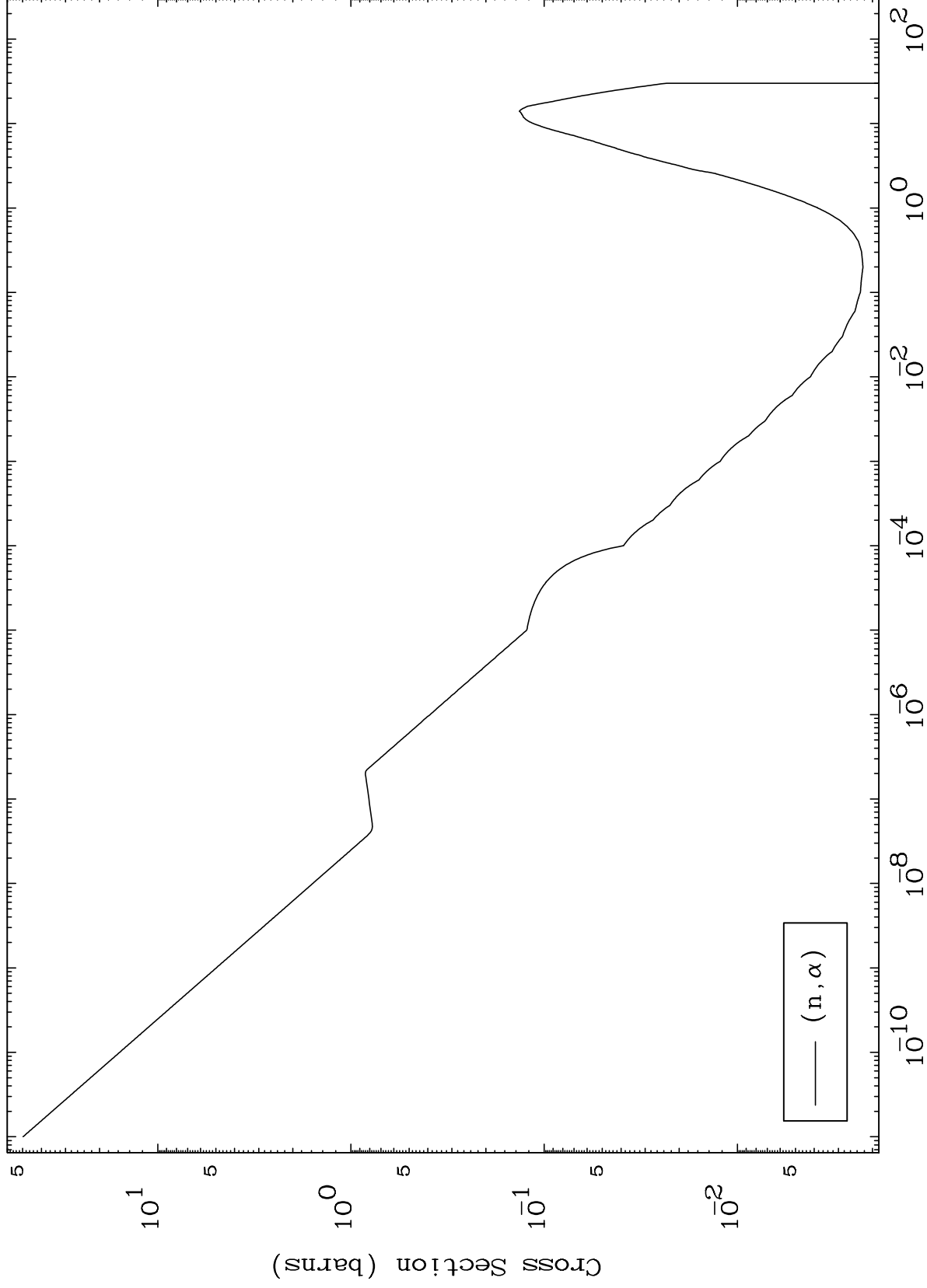
Incident Energy (MeV)

55-Cs-119

MAT 5483

(n, α) Levels
293 Kelvin Cross Sections

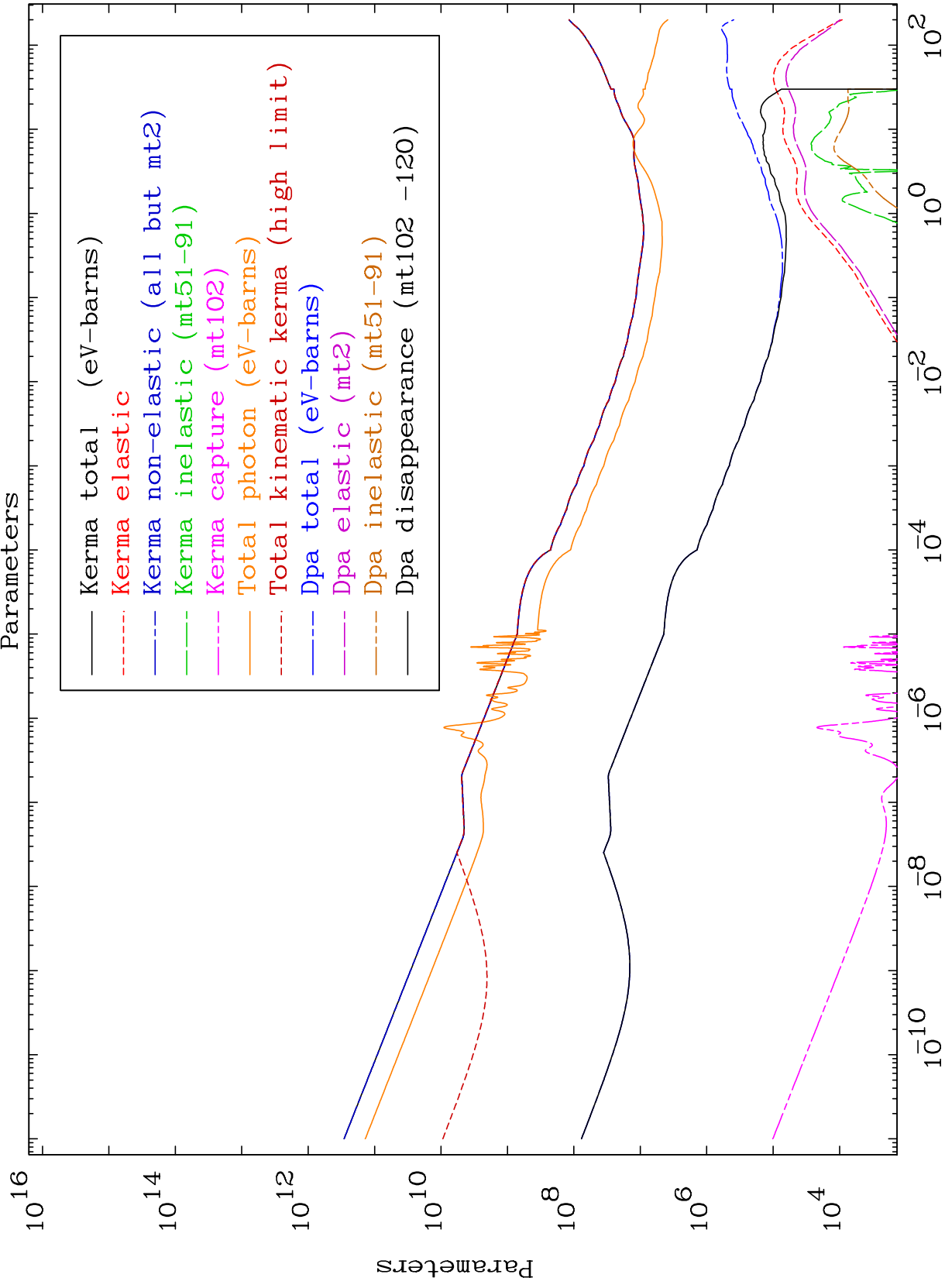
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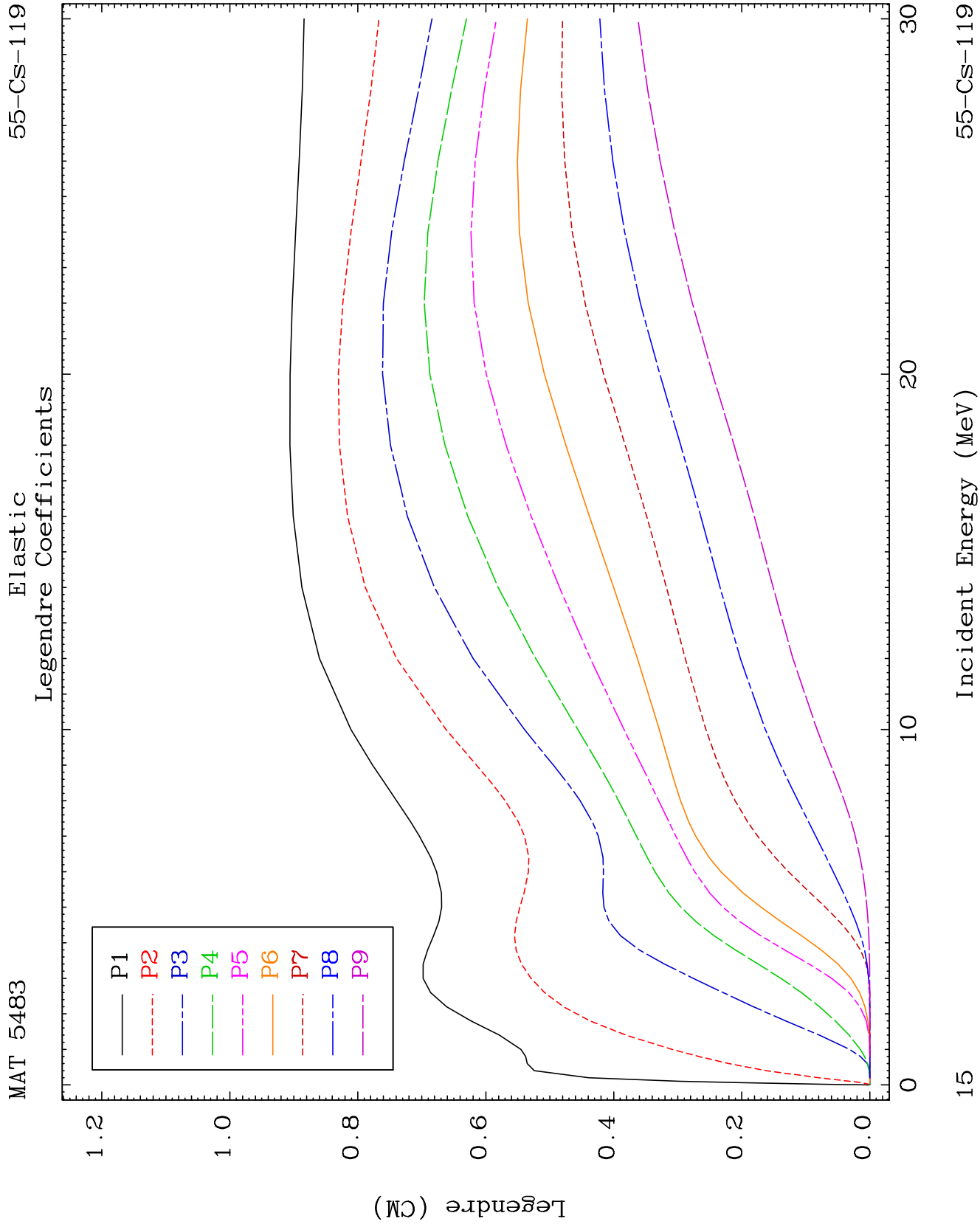


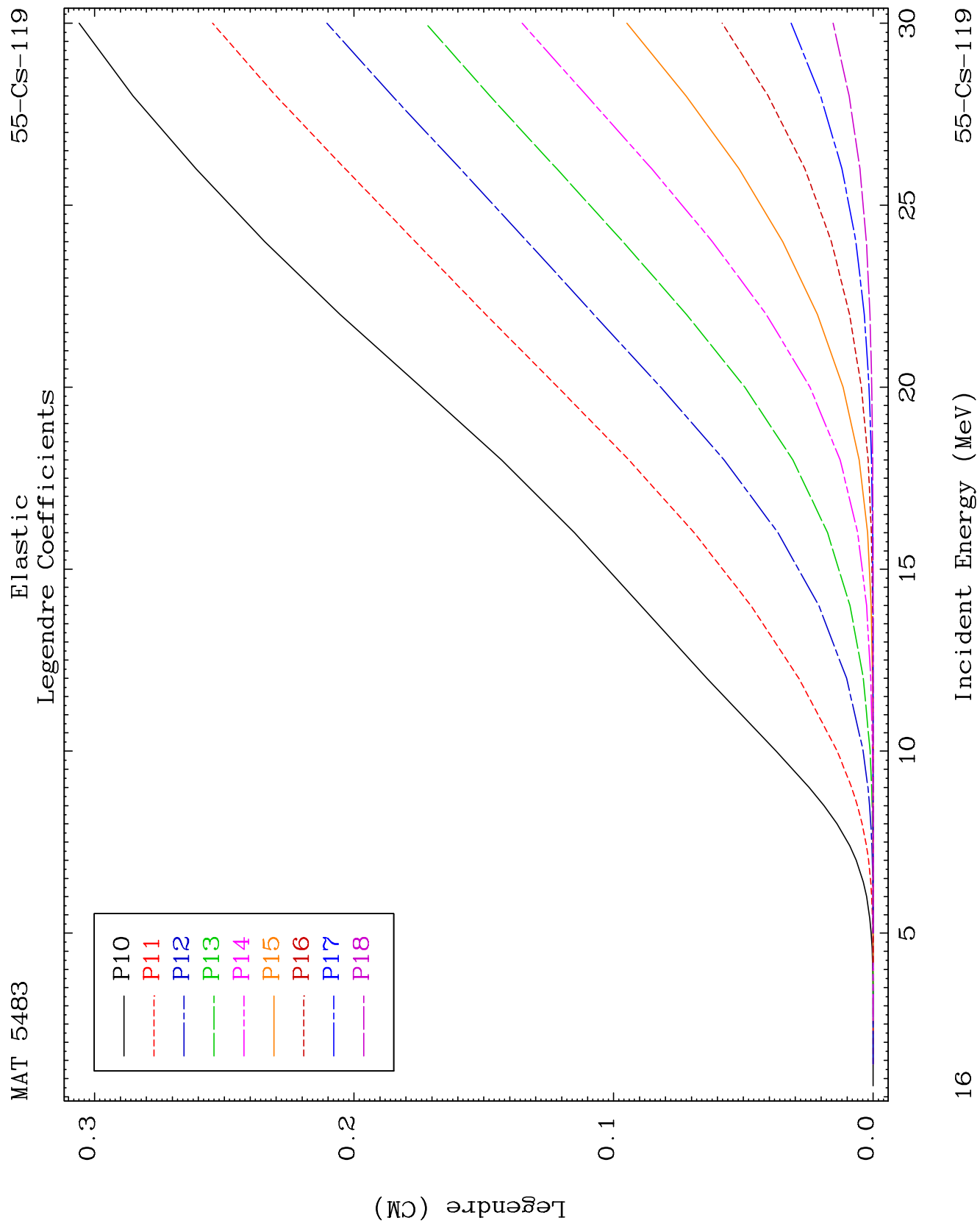
13

Incident Energy (MeV)

55-Cs-119



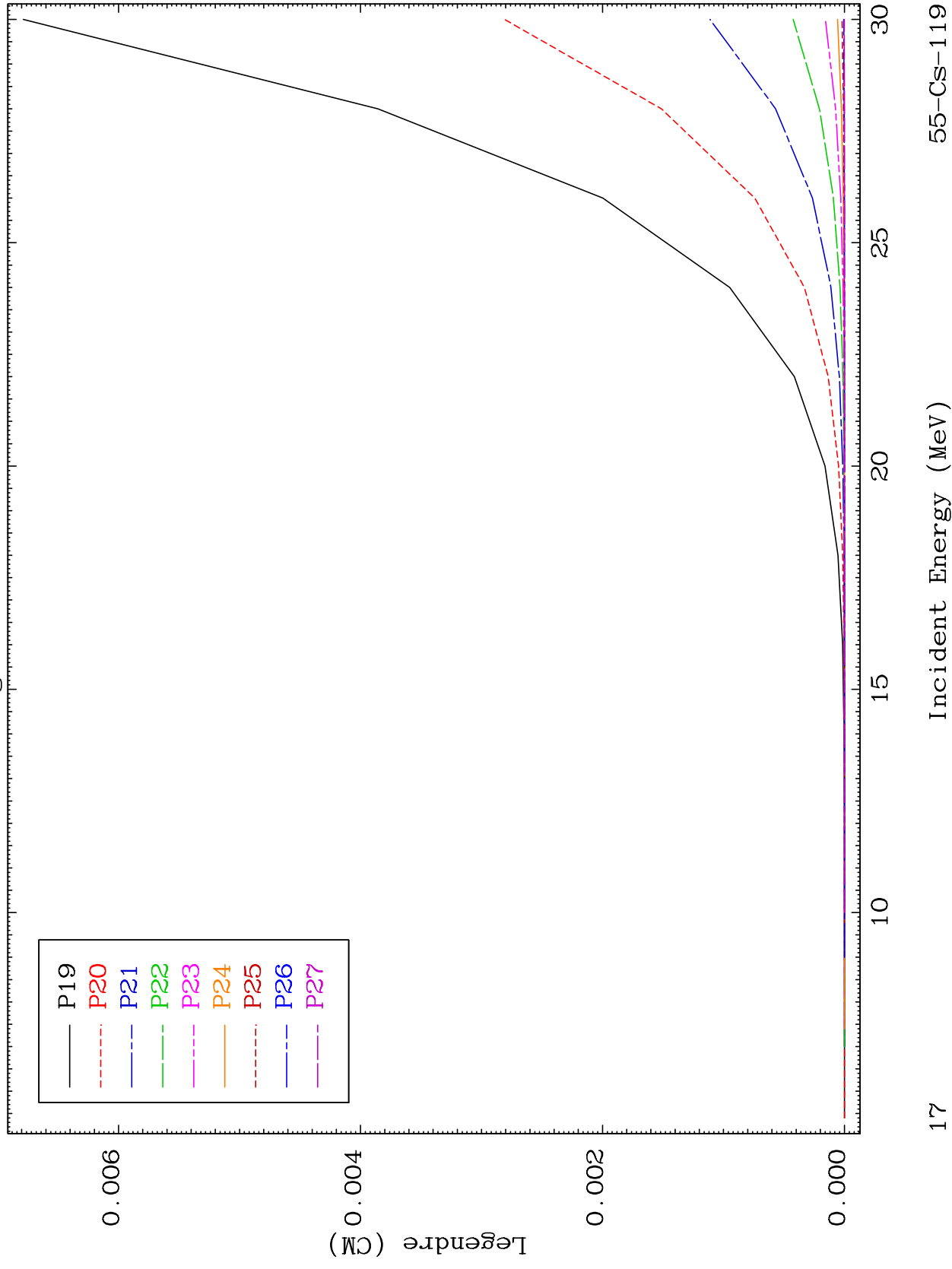


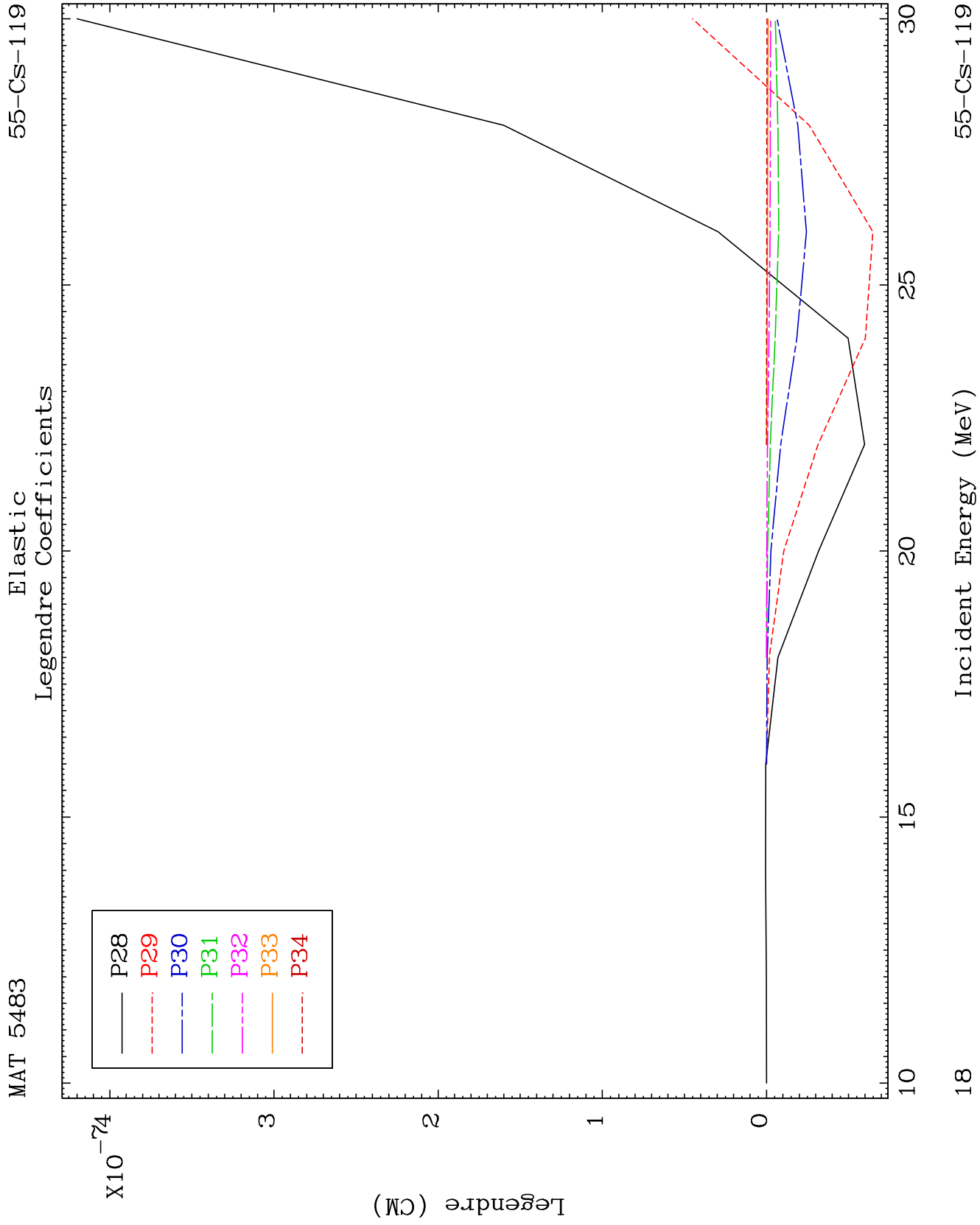


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Elastic Legendre Coefficients

55-CS-119

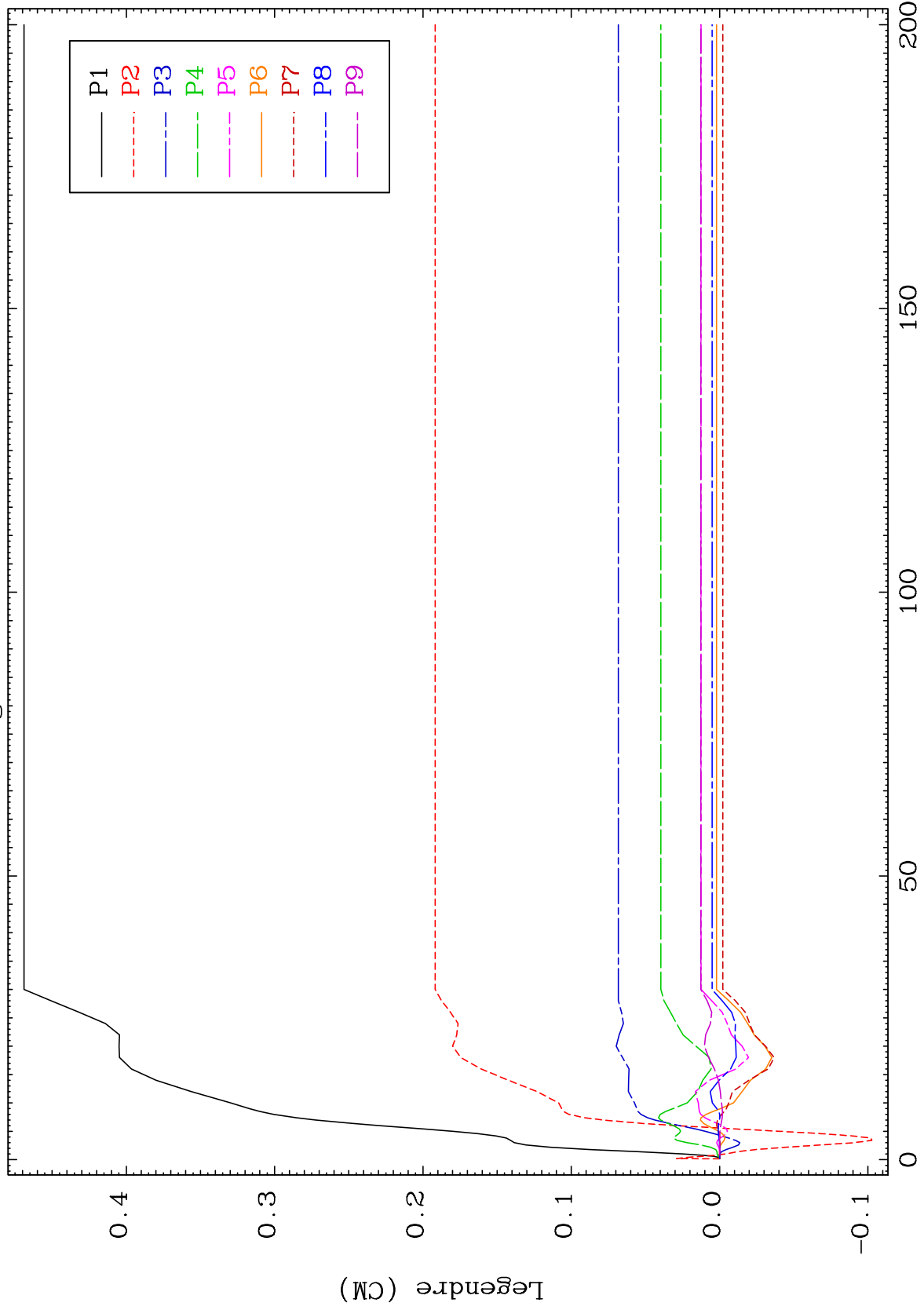




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MT= 51 (n,n') Level
Legendre Coefficients

55-Cs-119

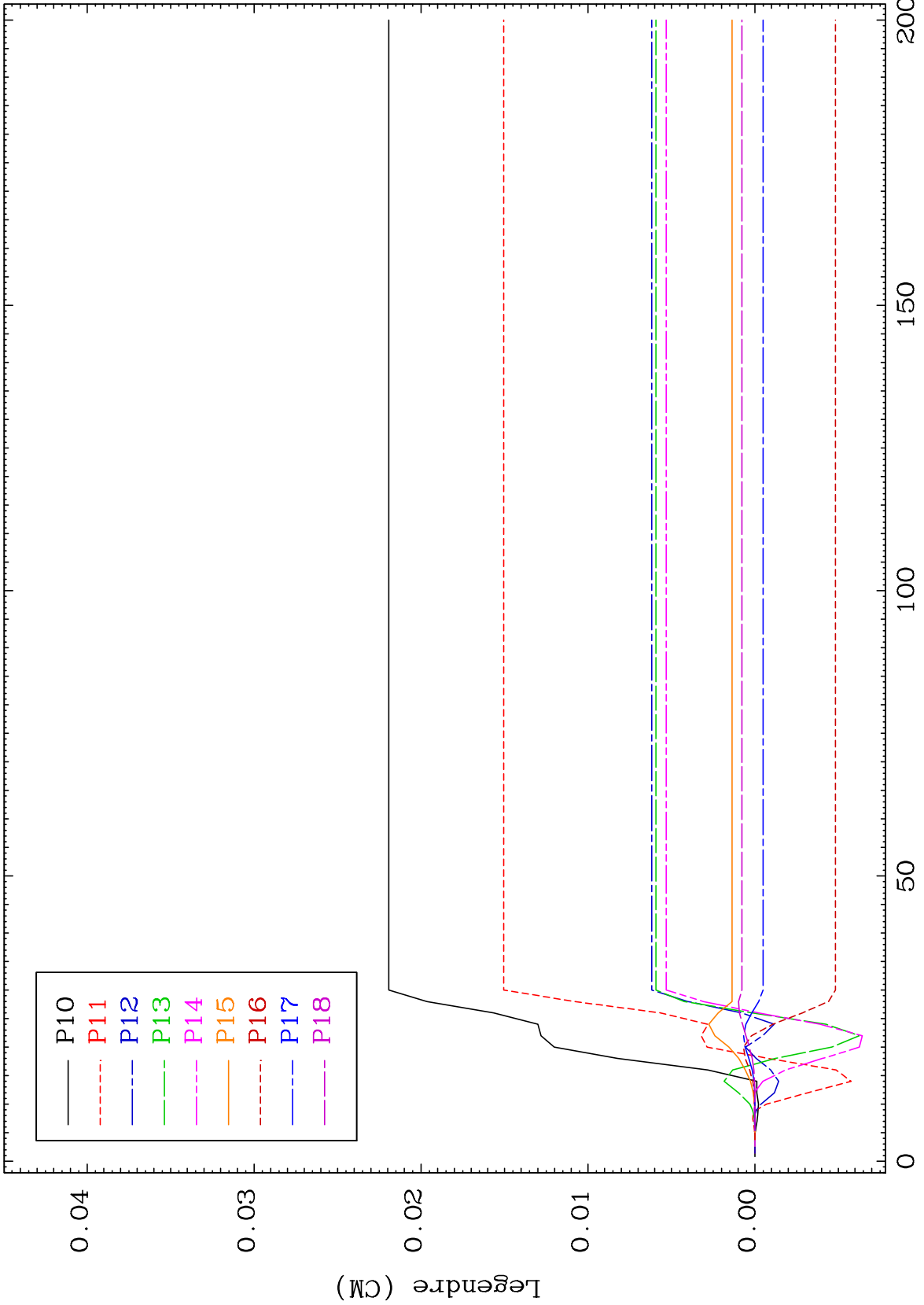


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Incident Energy (MeV)

55-Cs-119

MAT 5483 MT= 51 (n,n') Level Legendre Coefficients 55-Cs-119

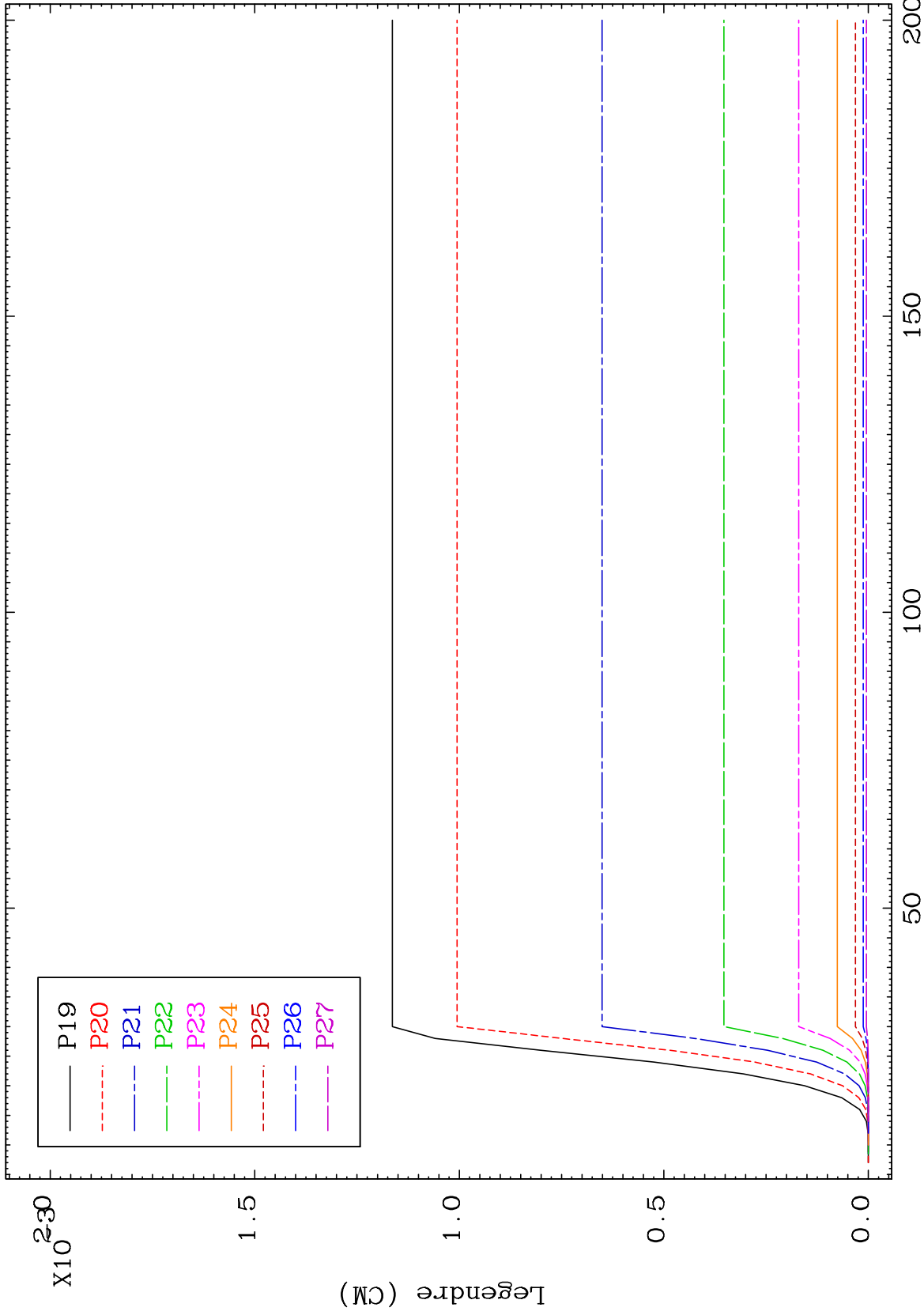


Incident Energy (MeV) 55-Cs-119

MAT 5483

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

55-Cs-119



21

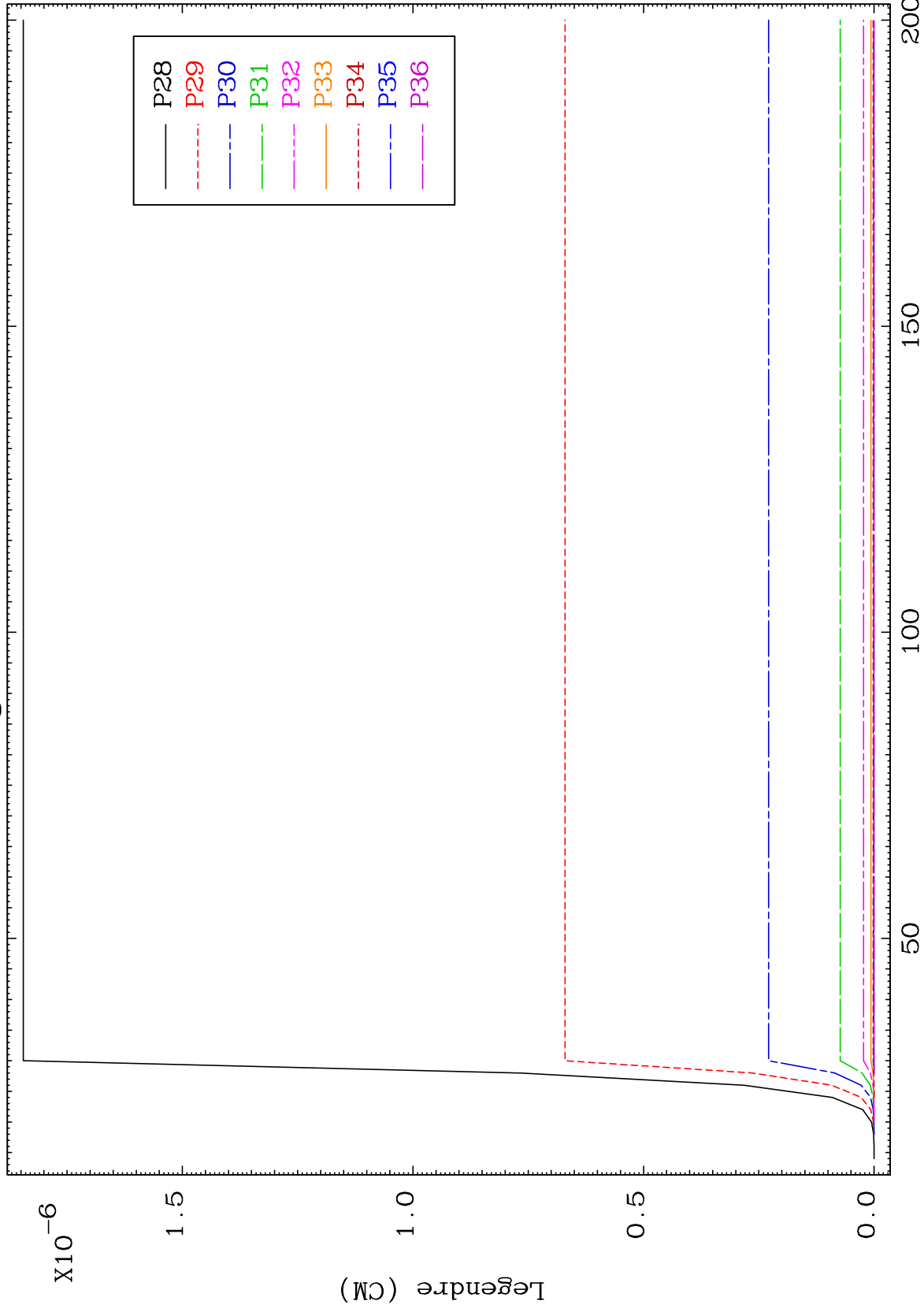
Incident Energy (MeV)

55-Cs-119

MAT 5483

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

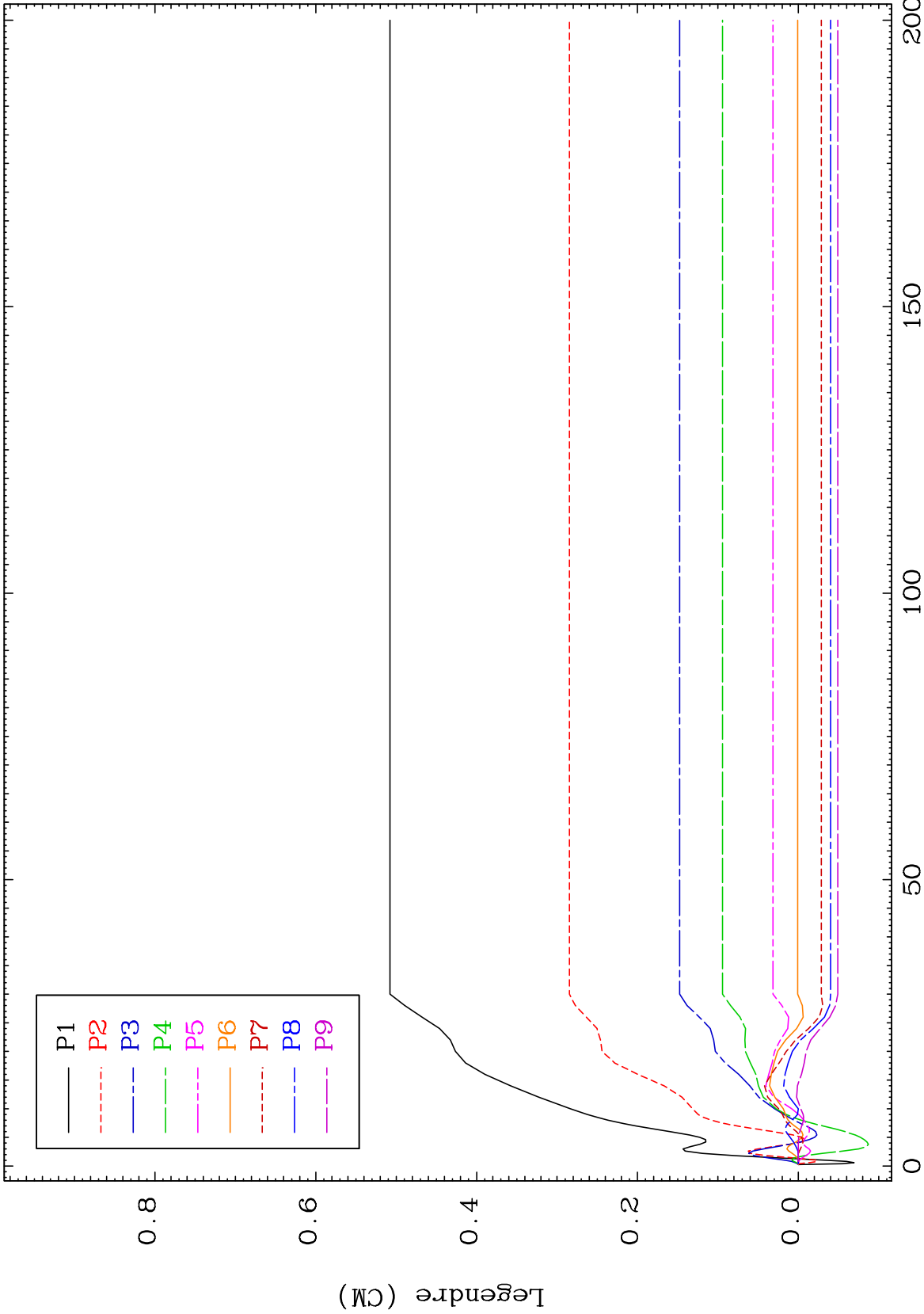
55-Cs-119



22

Incident Energy (MeV)

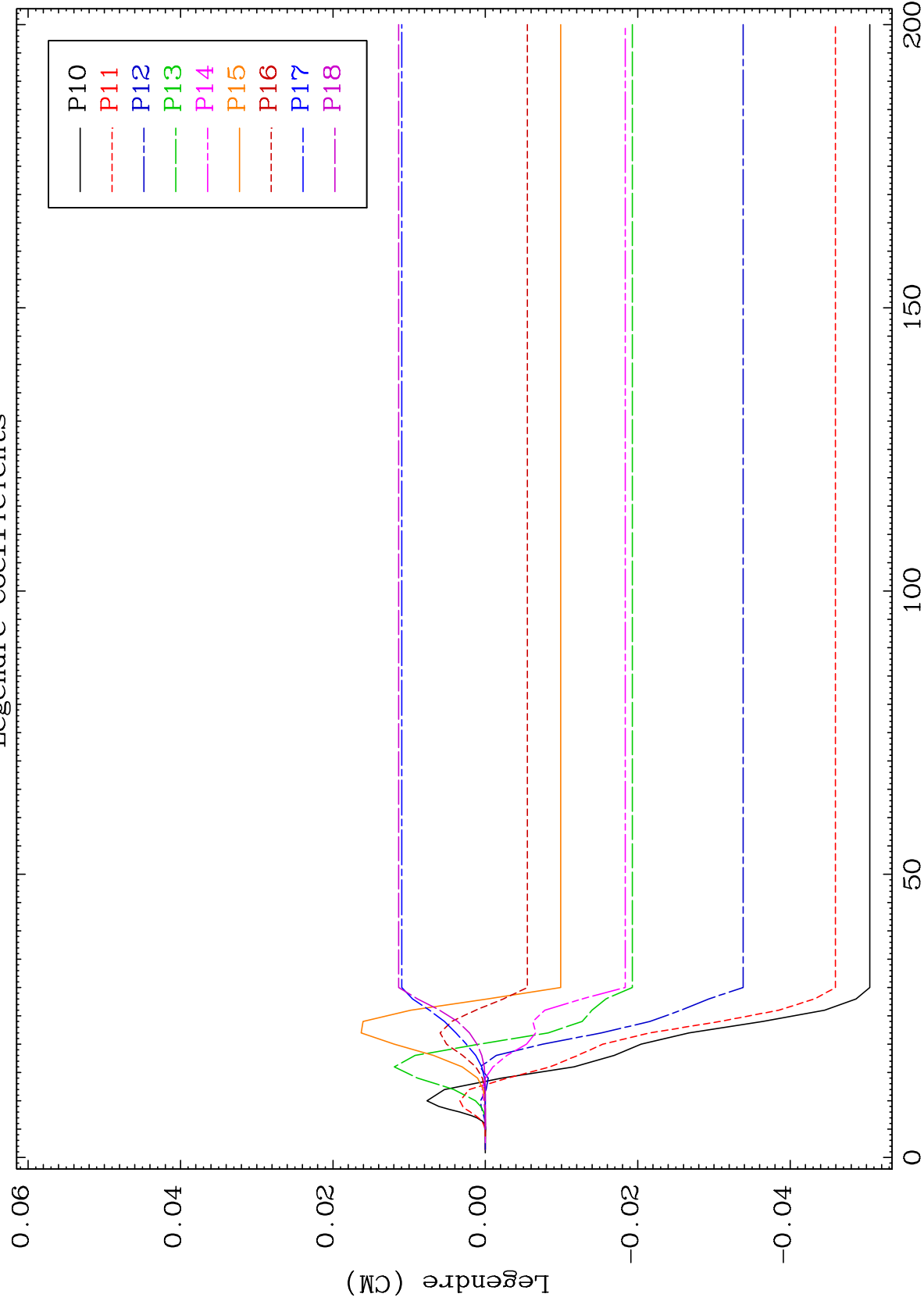
55-Cs-119



MAT 5483

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

55-CS-119



24

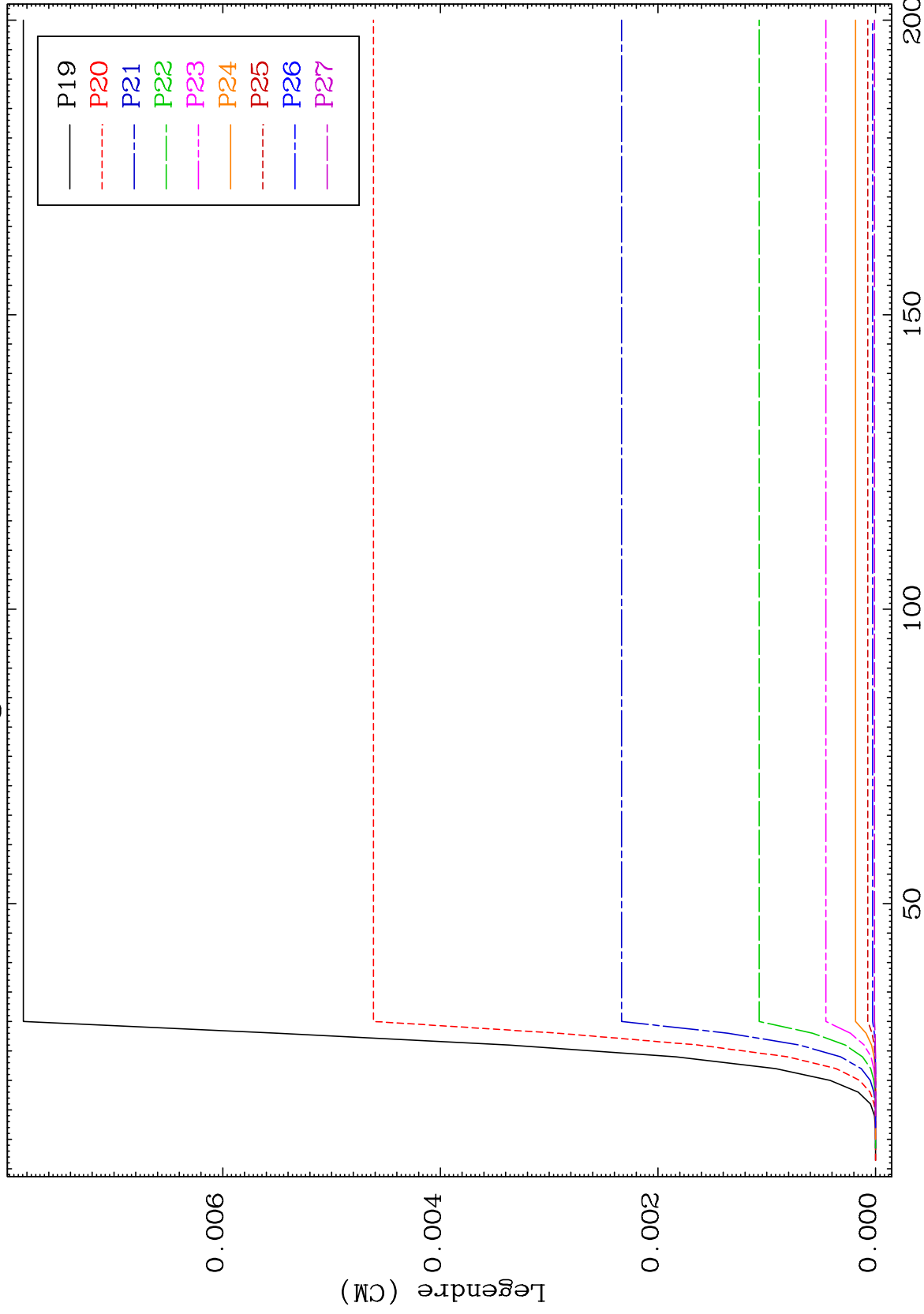
Incident Energy (MeV)

55-CS-119

MAT 5483

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

55-Cs-119



25

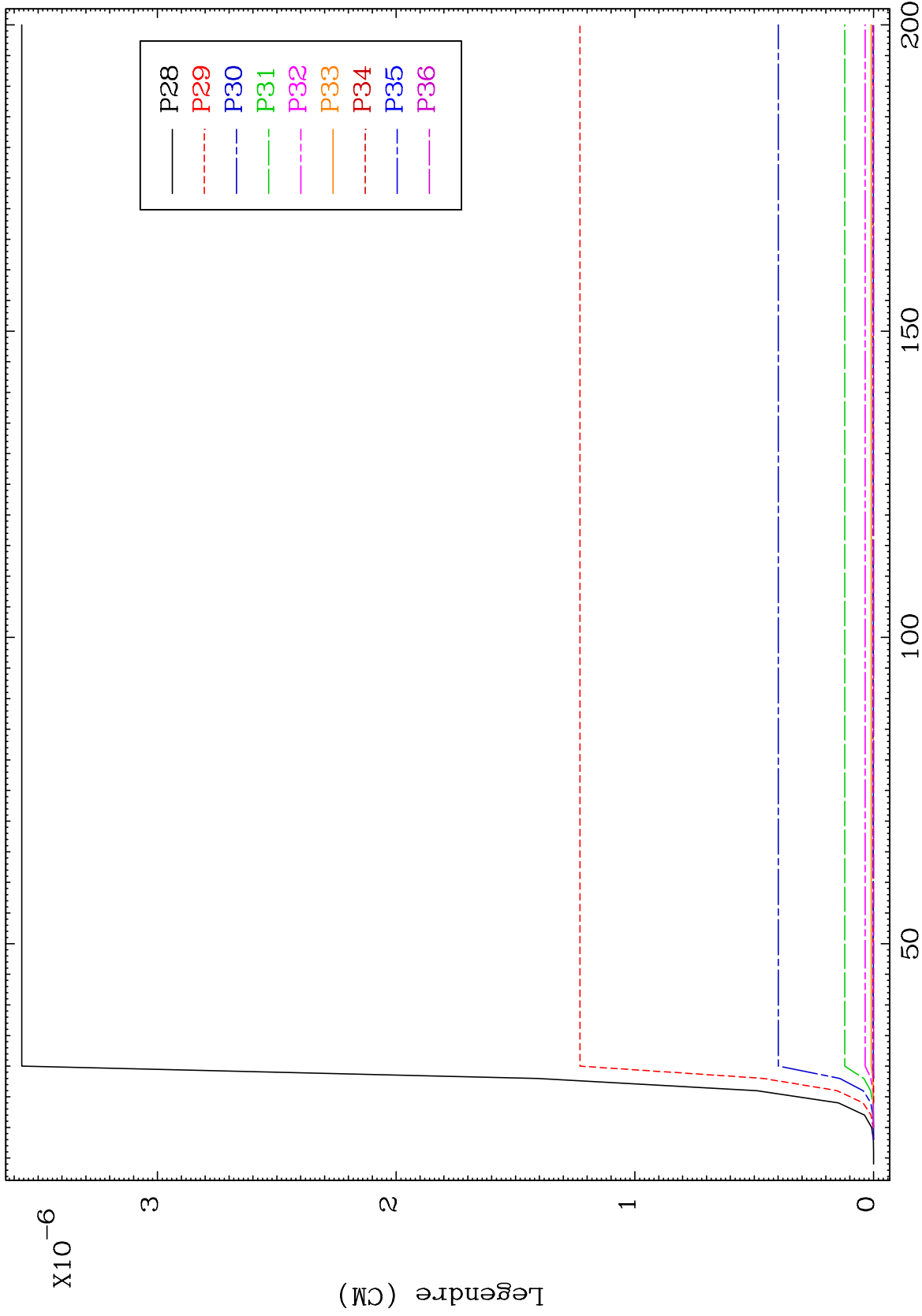
Incident Energy (MeV)

55-Cs-119

MAT 5483

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

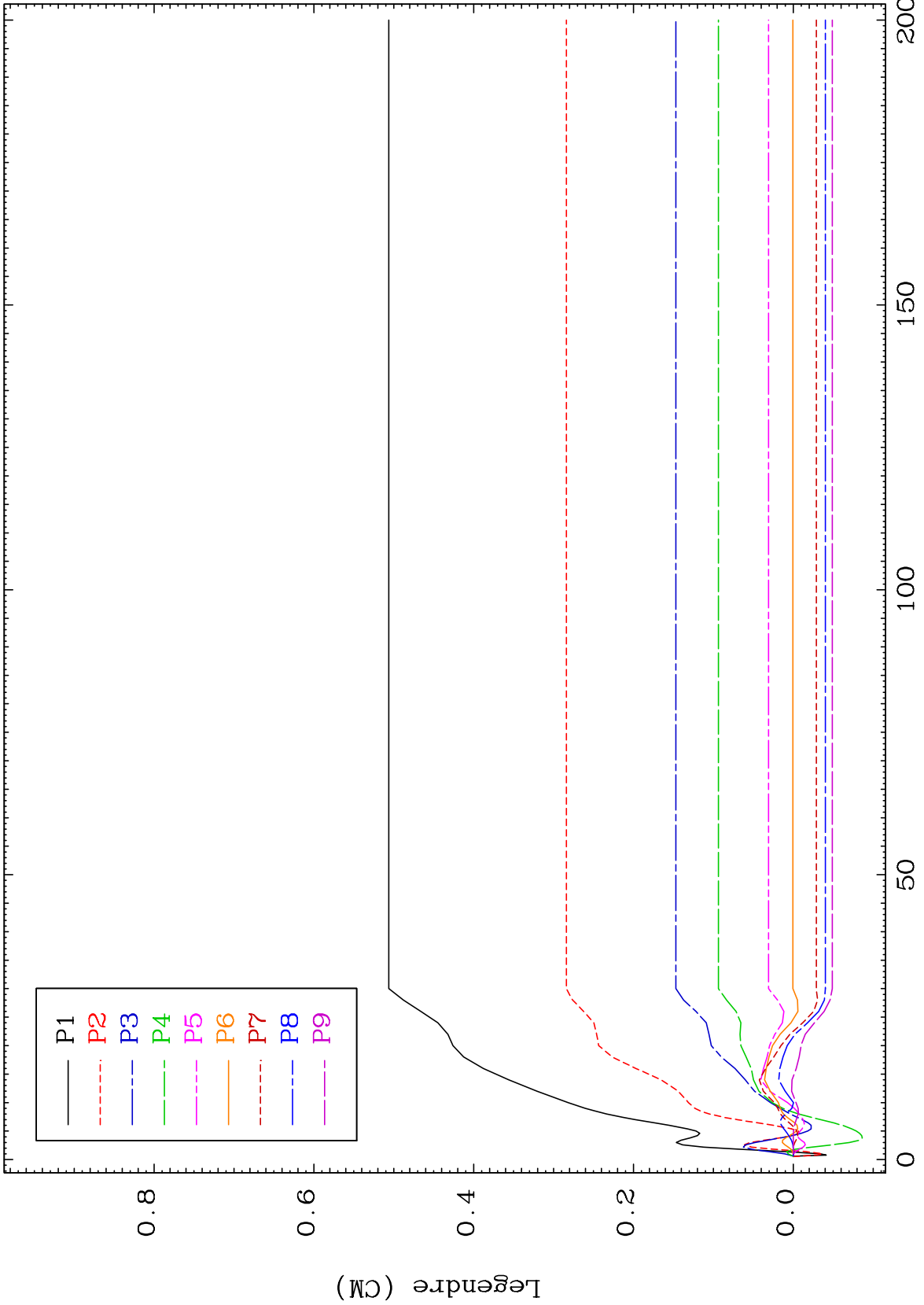
55-Cs-119



26

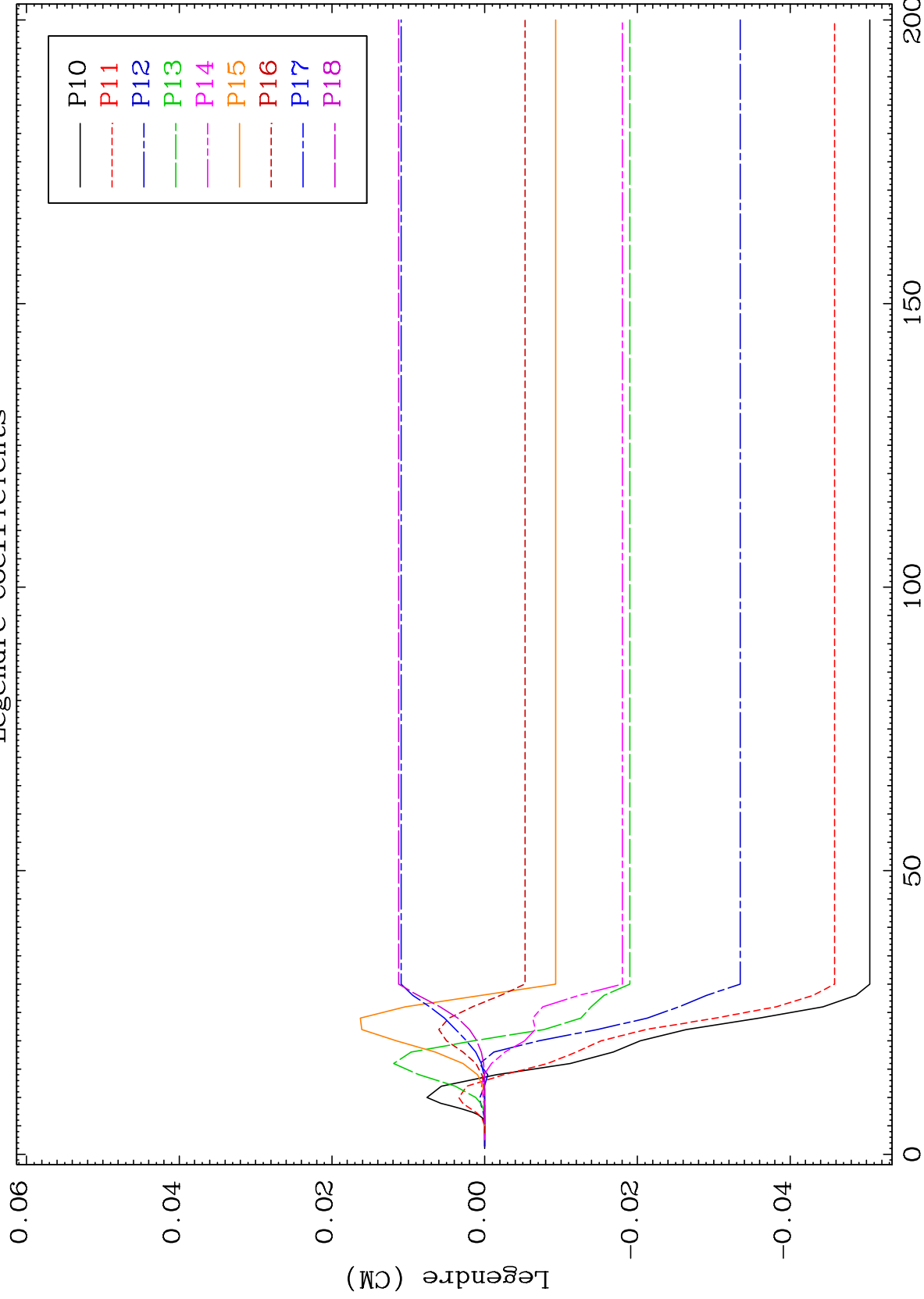
Incident Energy (MeV)

55-Cs-119



MAT 5483 MT= 53 (n,n') Level Legendre Coefficients

55-Cs-119



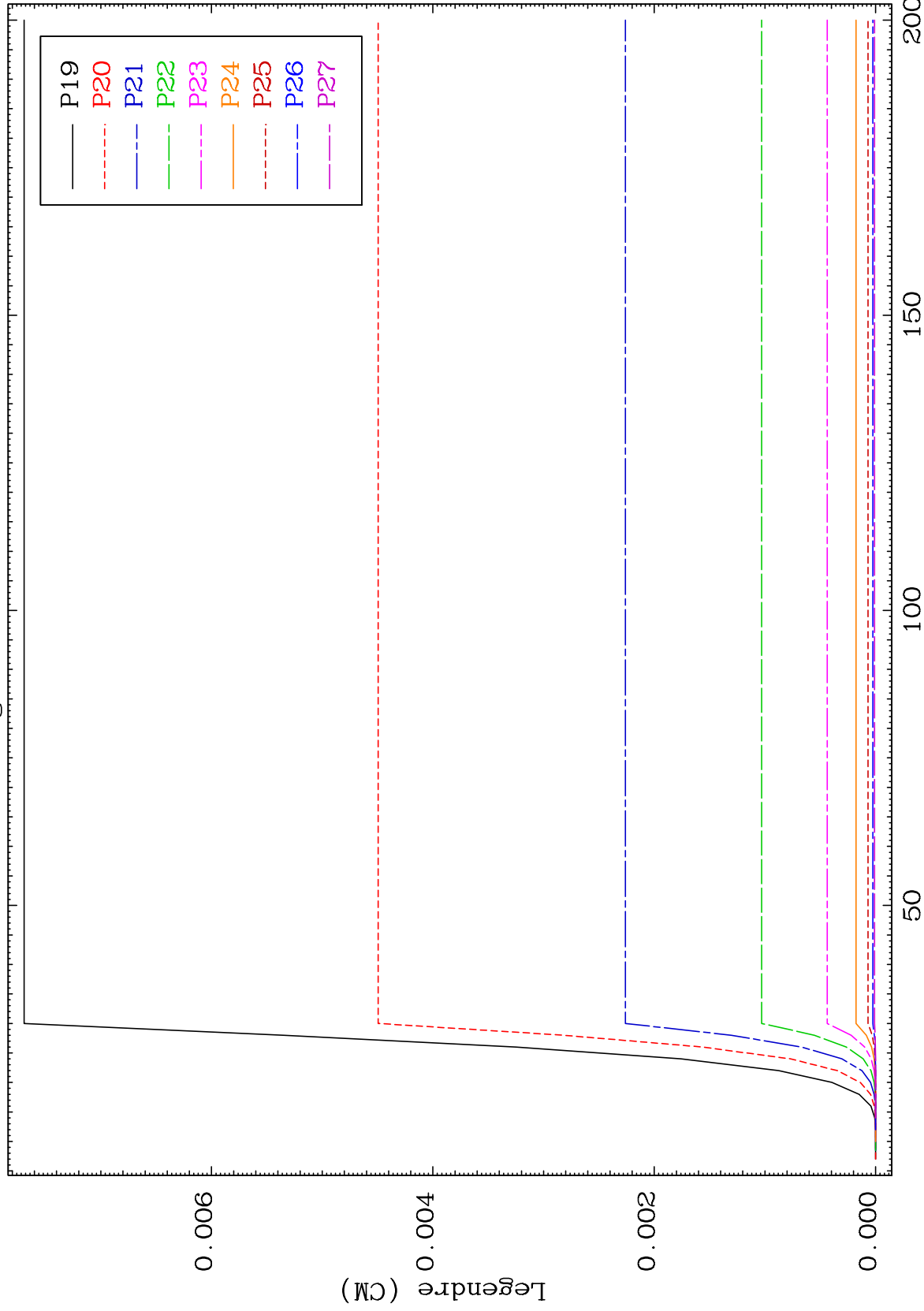
55-Cs-119

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MAT 5483

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

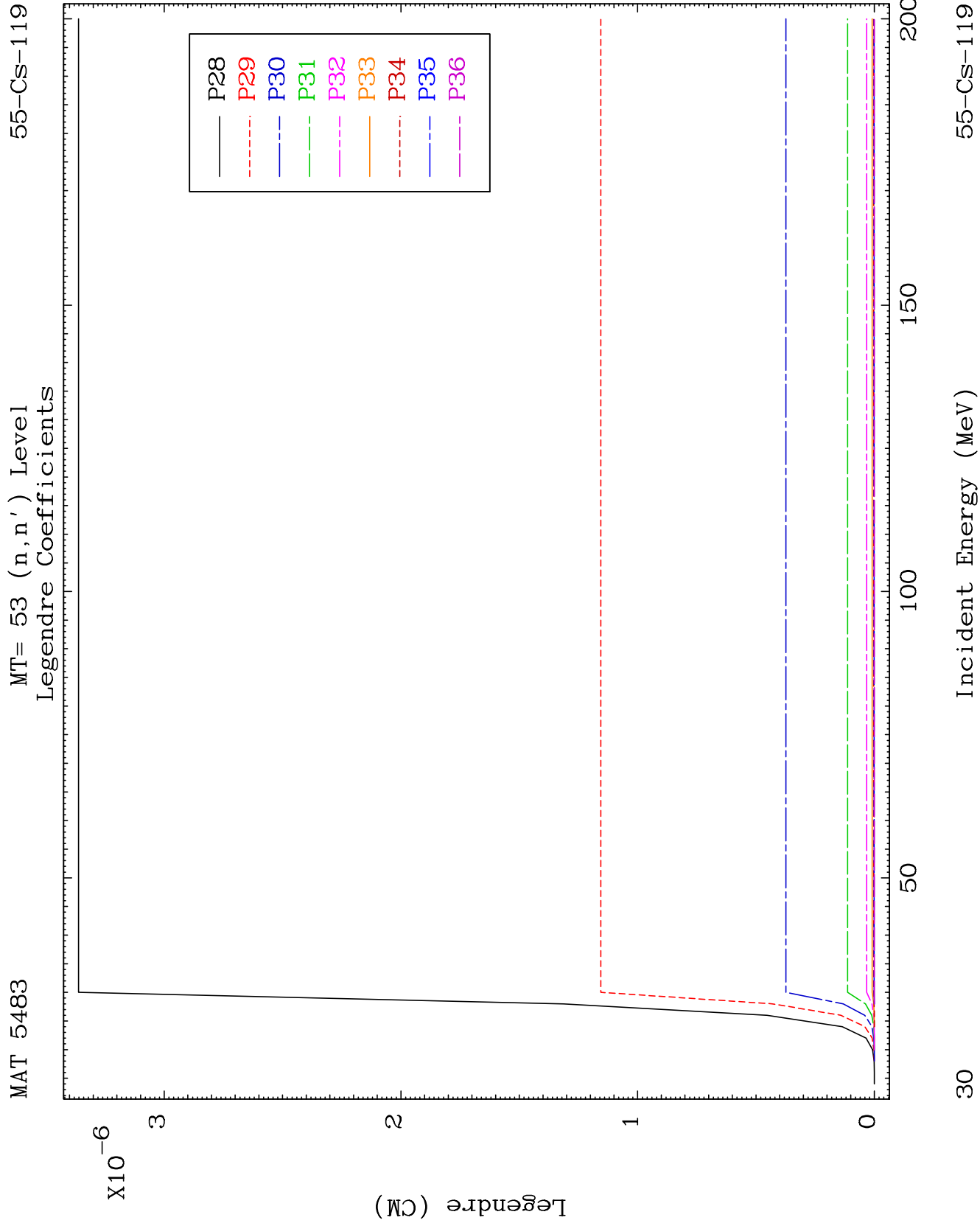
55-Cs-119



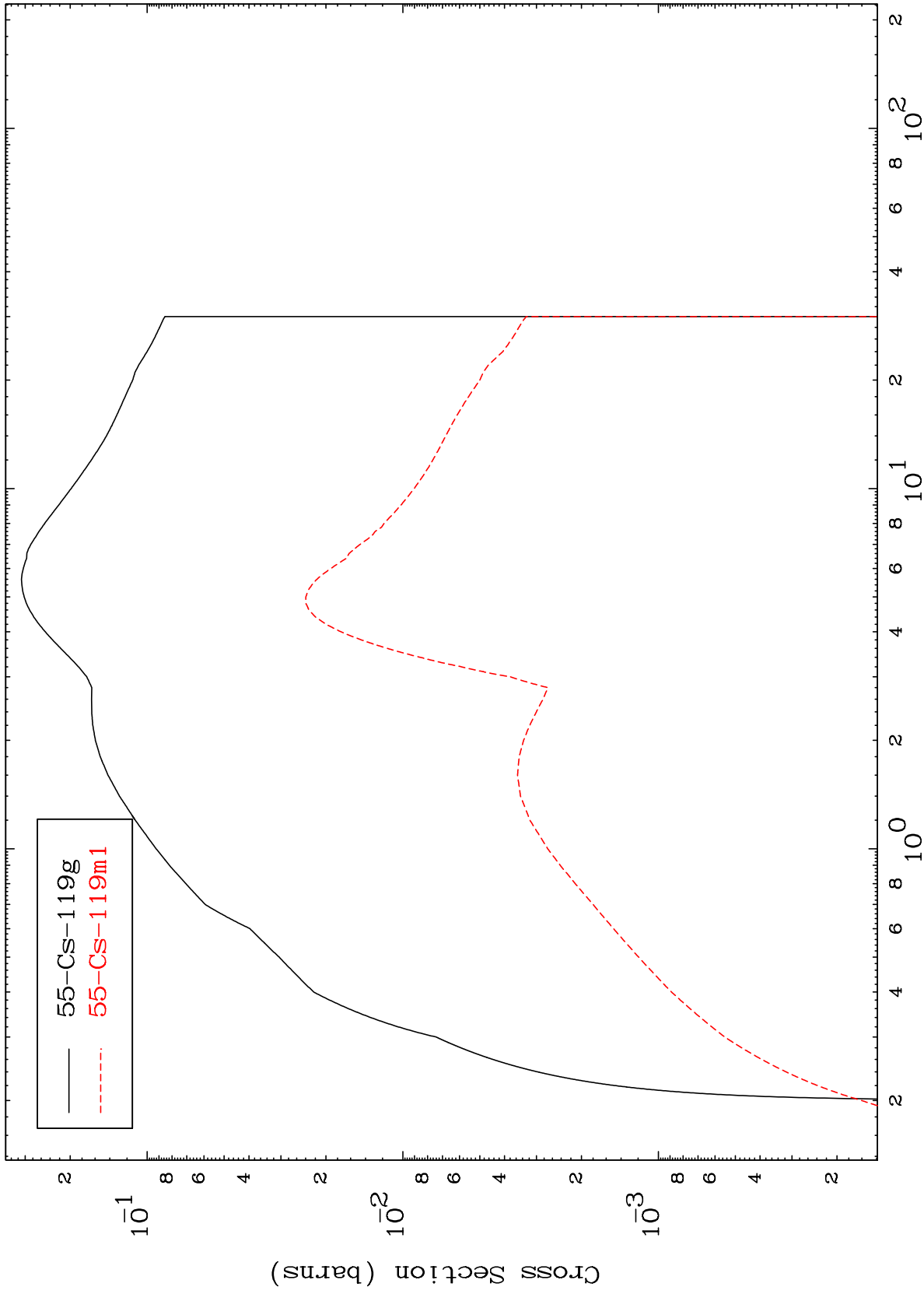
29

Incident Energy (MeV)

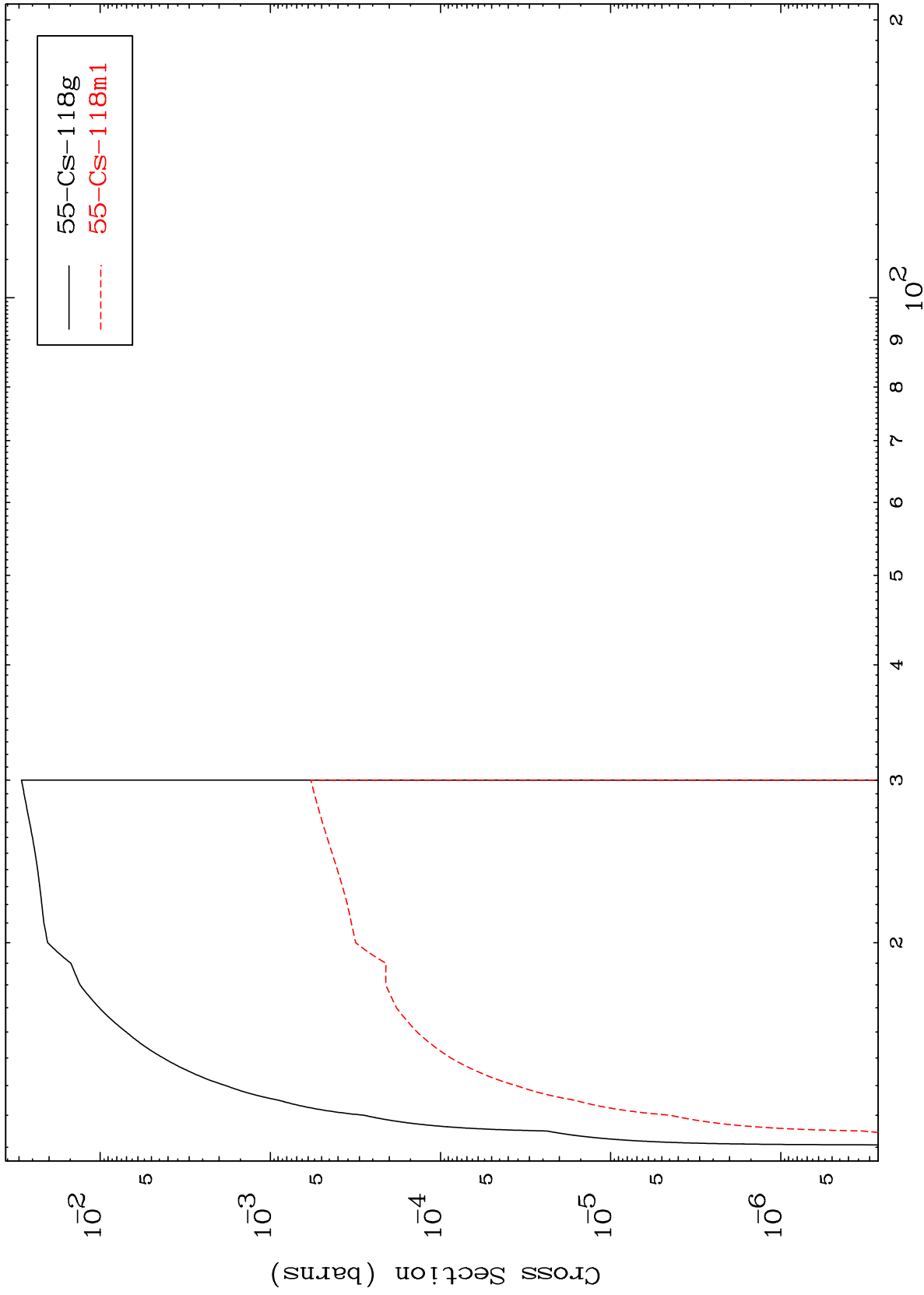
55-Cs-119



Inelastic Radionuclide Production Cross Section



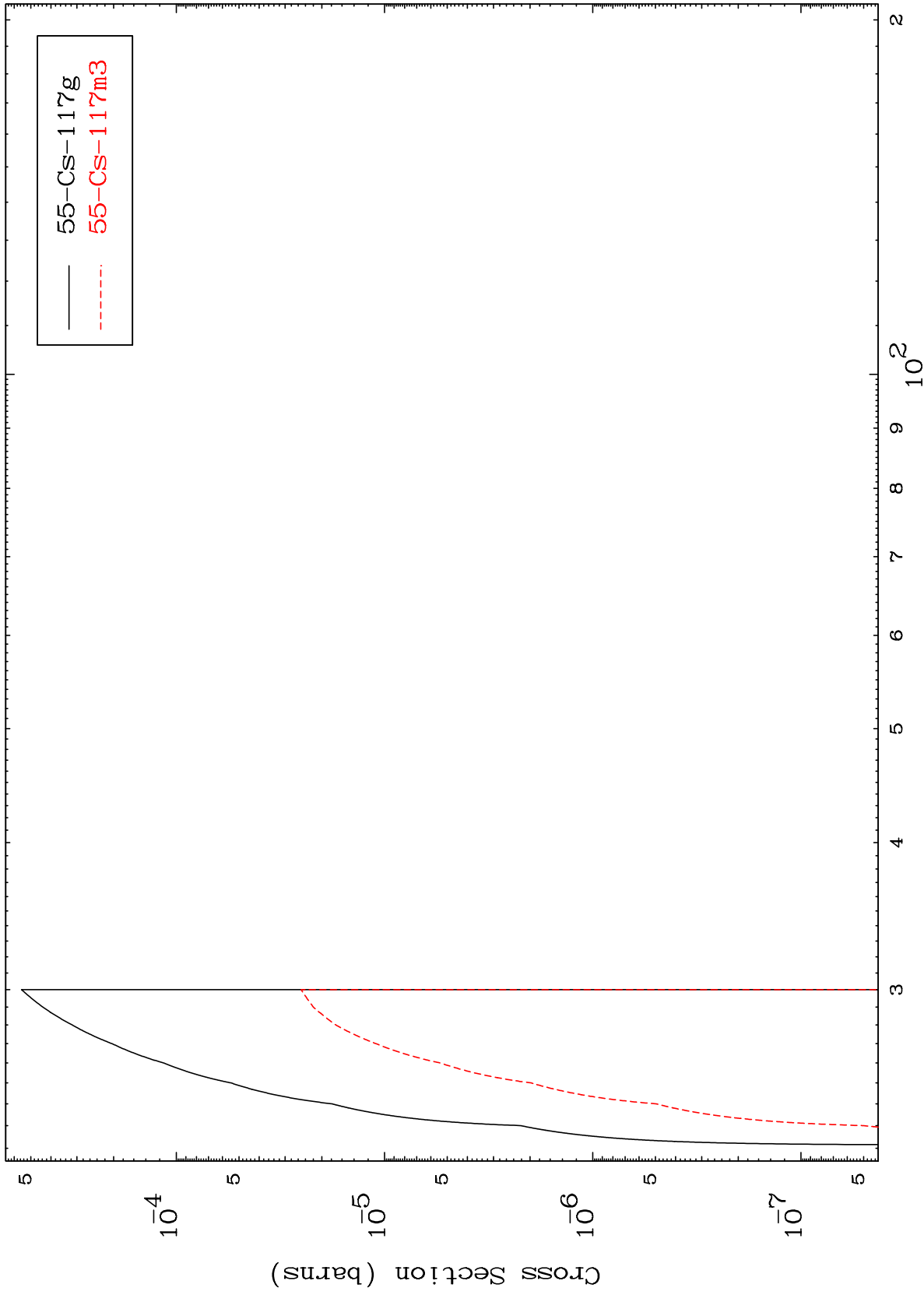
(n,2n)
Radionuclide Production Cross Section



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55-Cs-119

(n,3n)
Radionuclide Production Cross Section



33

Incident Energy (MeV)

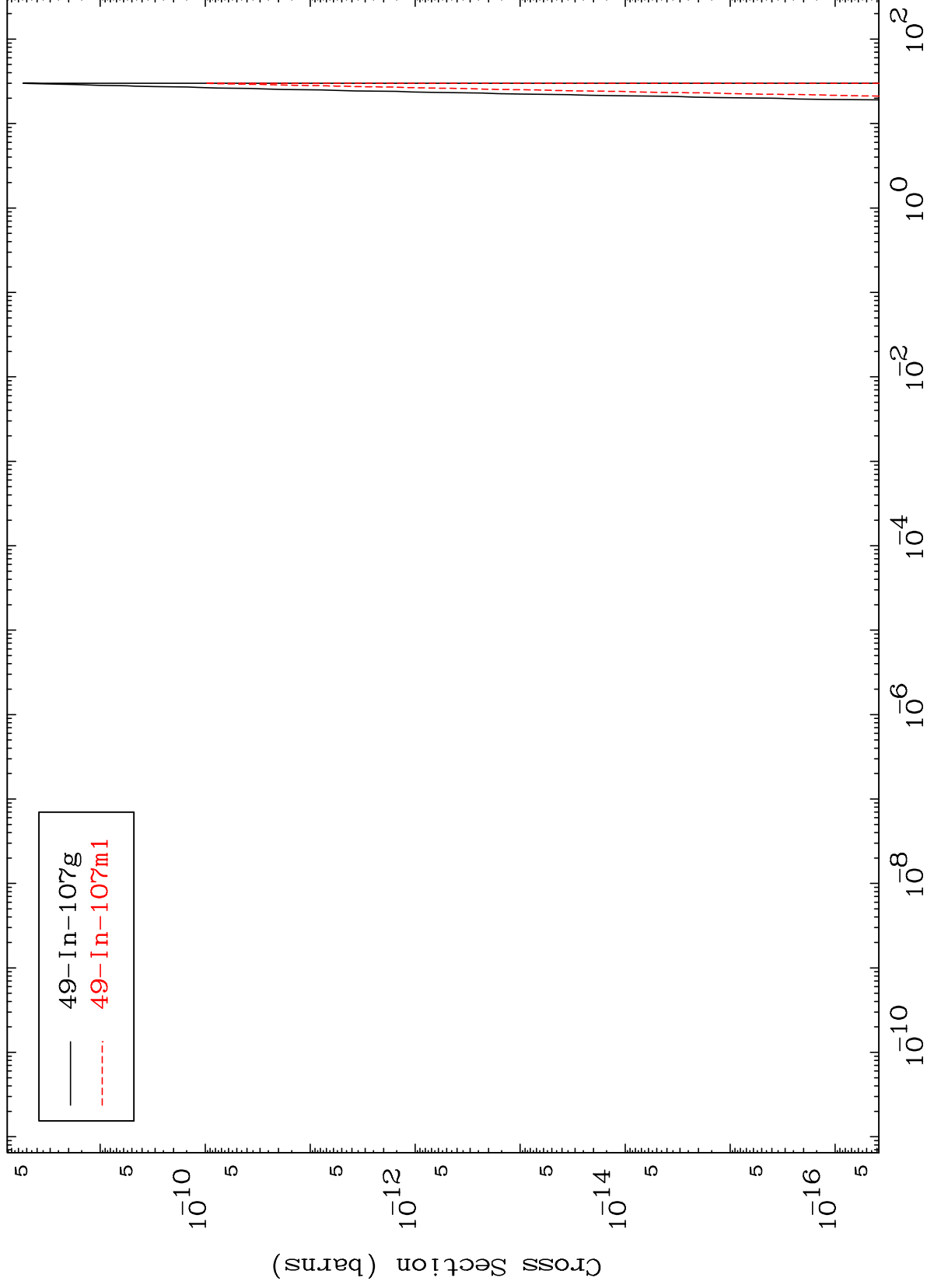
55-Cs-119

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(n,n') 3 α

55-Cs-119

Radionuclide Production Cross Section



34

Incident Energy (MeV)

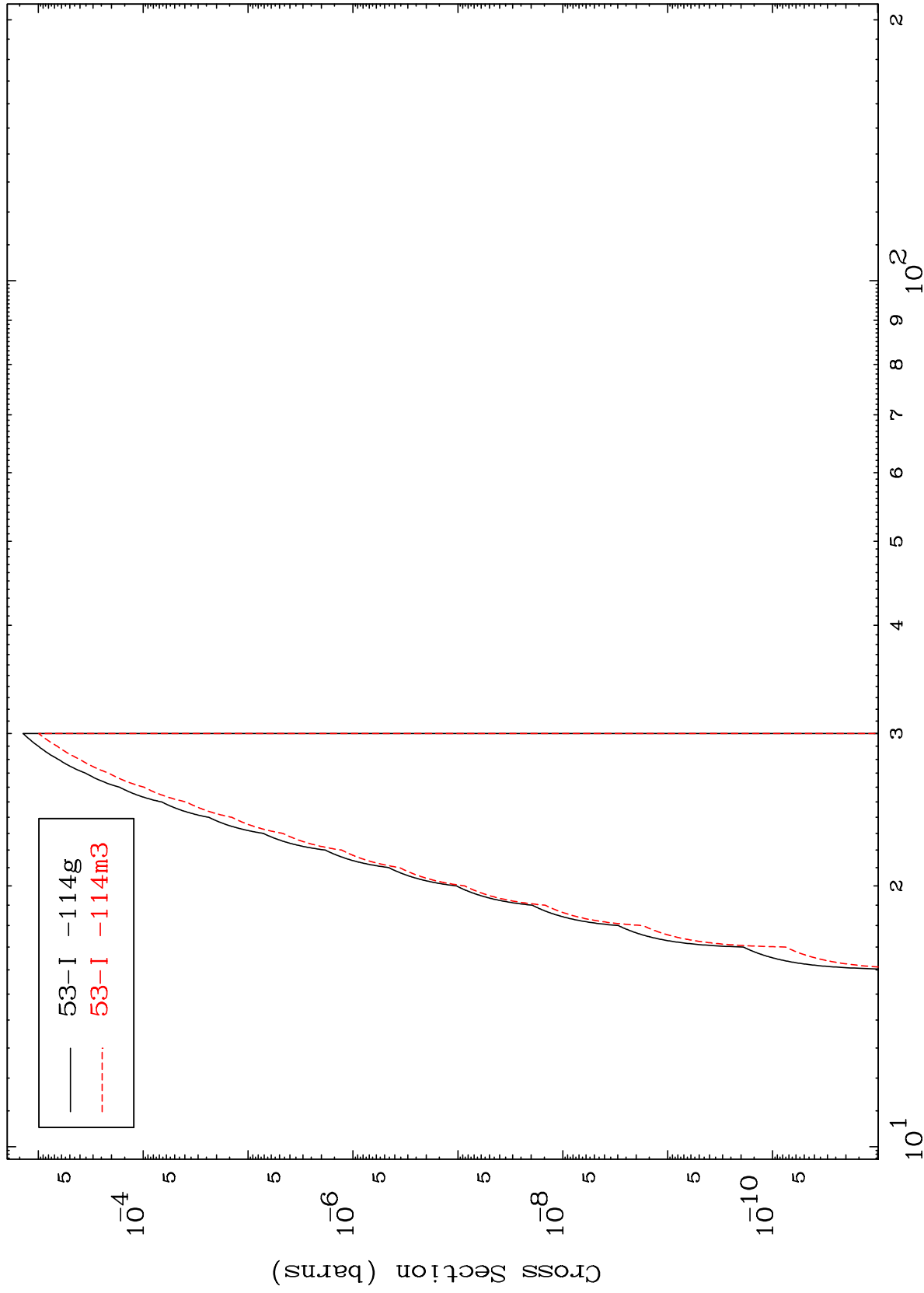
55-Cs-119

MAT 5483

(n,2n) α

55-Cs-119

Radionuclide Production Cross Section



35

Incident Energy (MeV)

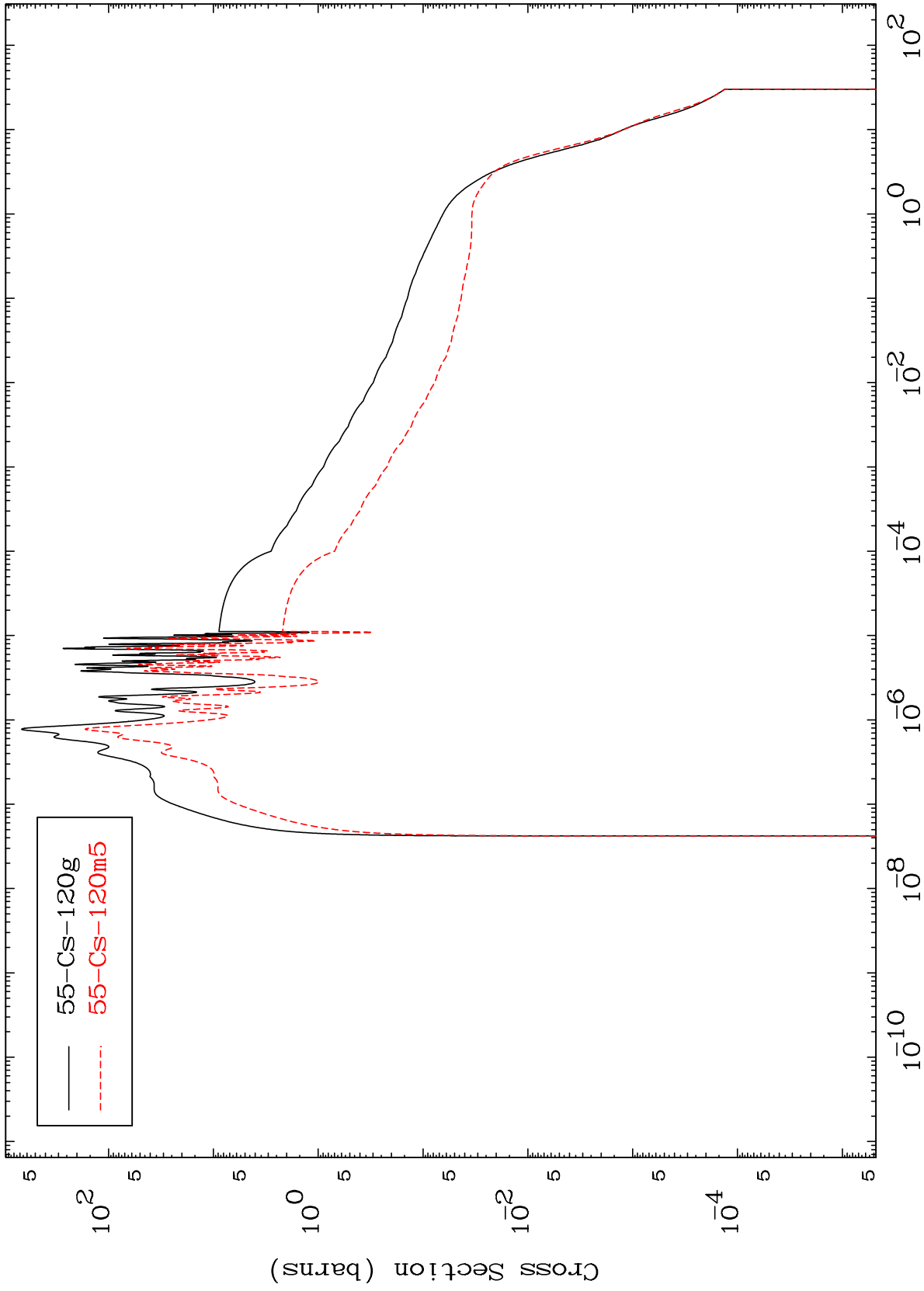
55-Cs-119

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55-Cs-119

Radionuclide Production Cross Section

(n, γ)



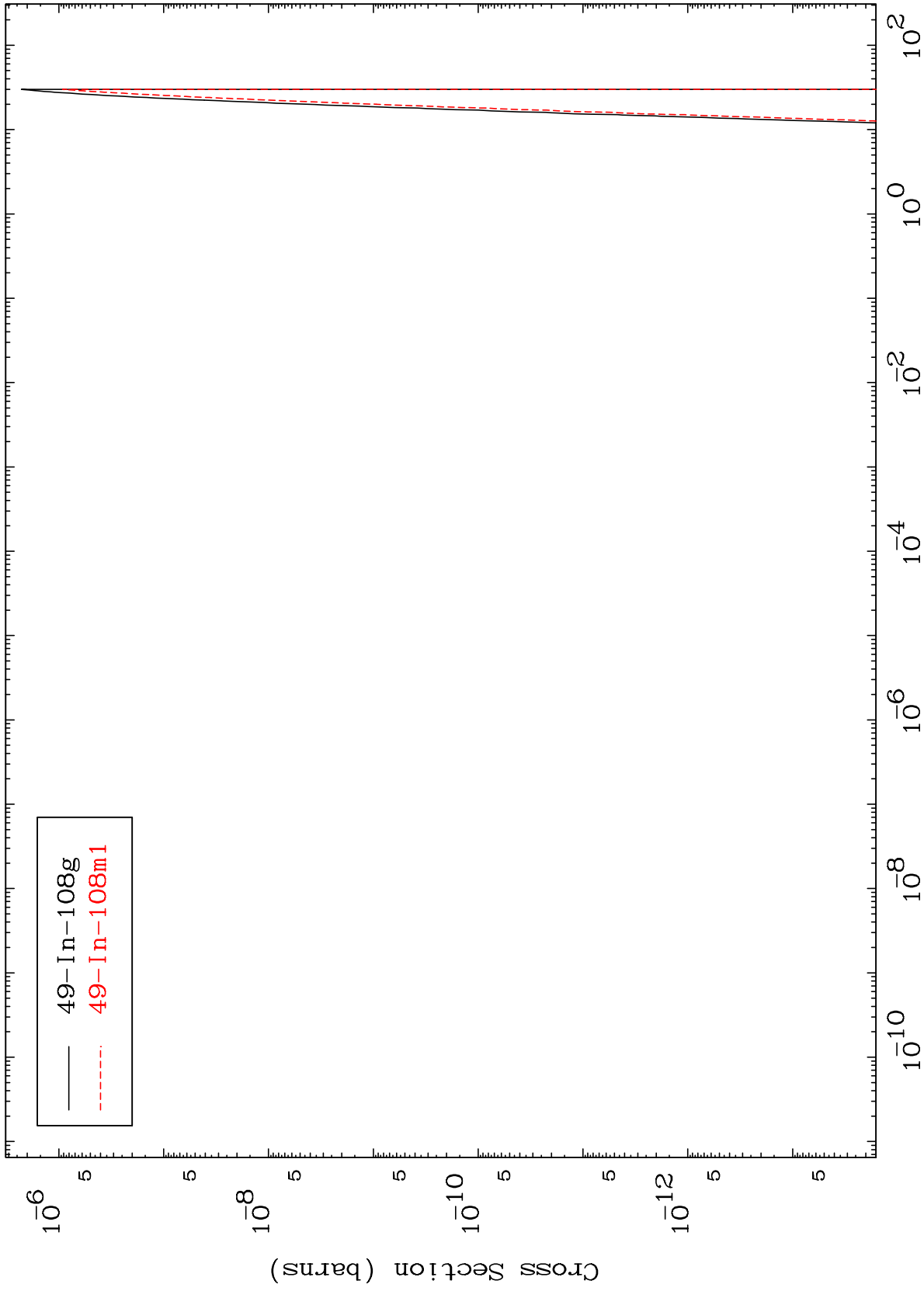
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55-Cs-119

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Radionuclide Production Cross Section
(n,3α)

55-Cs-119



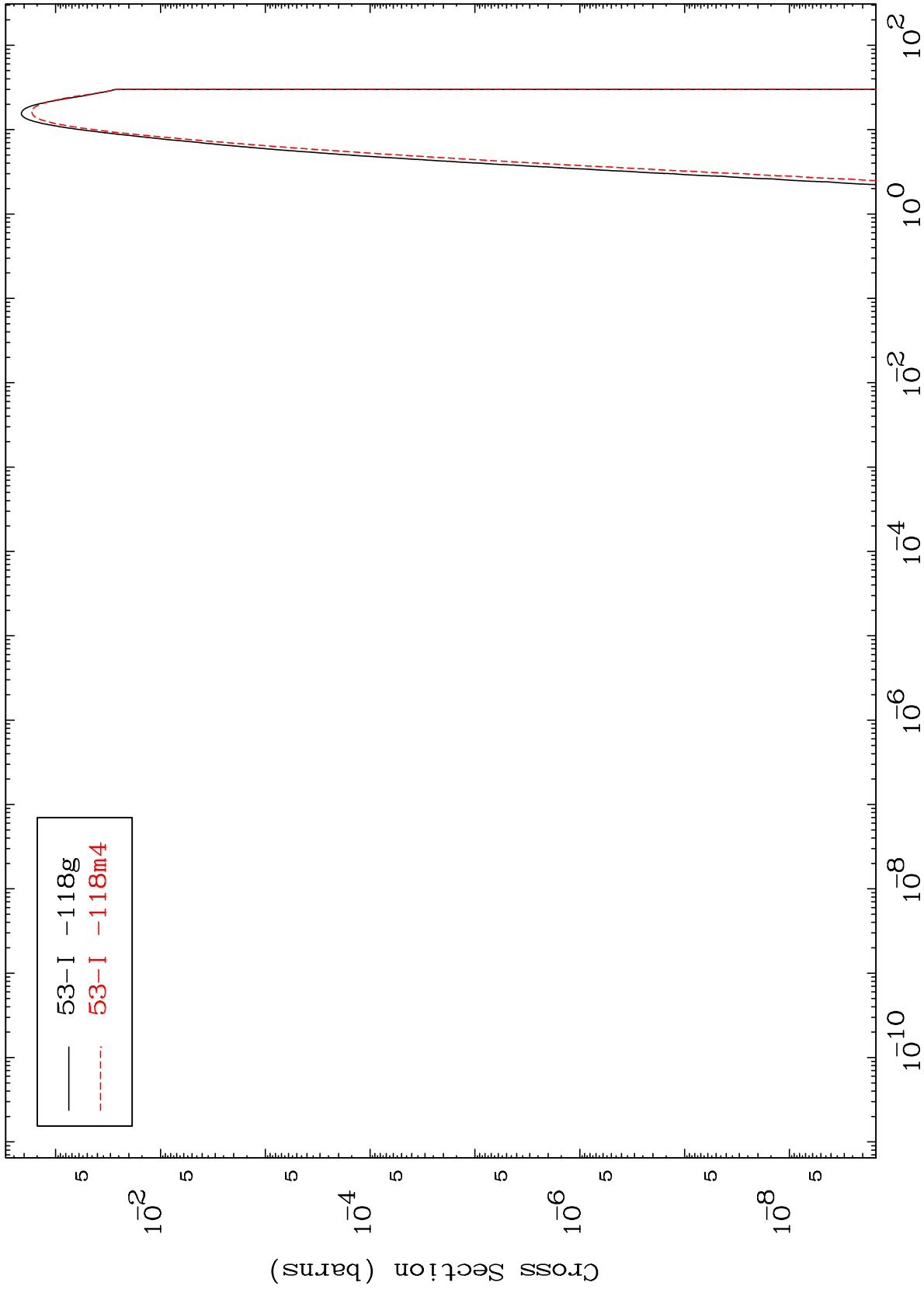
37

55-Cs-119

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Radionuclide Production Cross Section
(n,2p)

55-Cs-119



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Incident Energy (MeV)

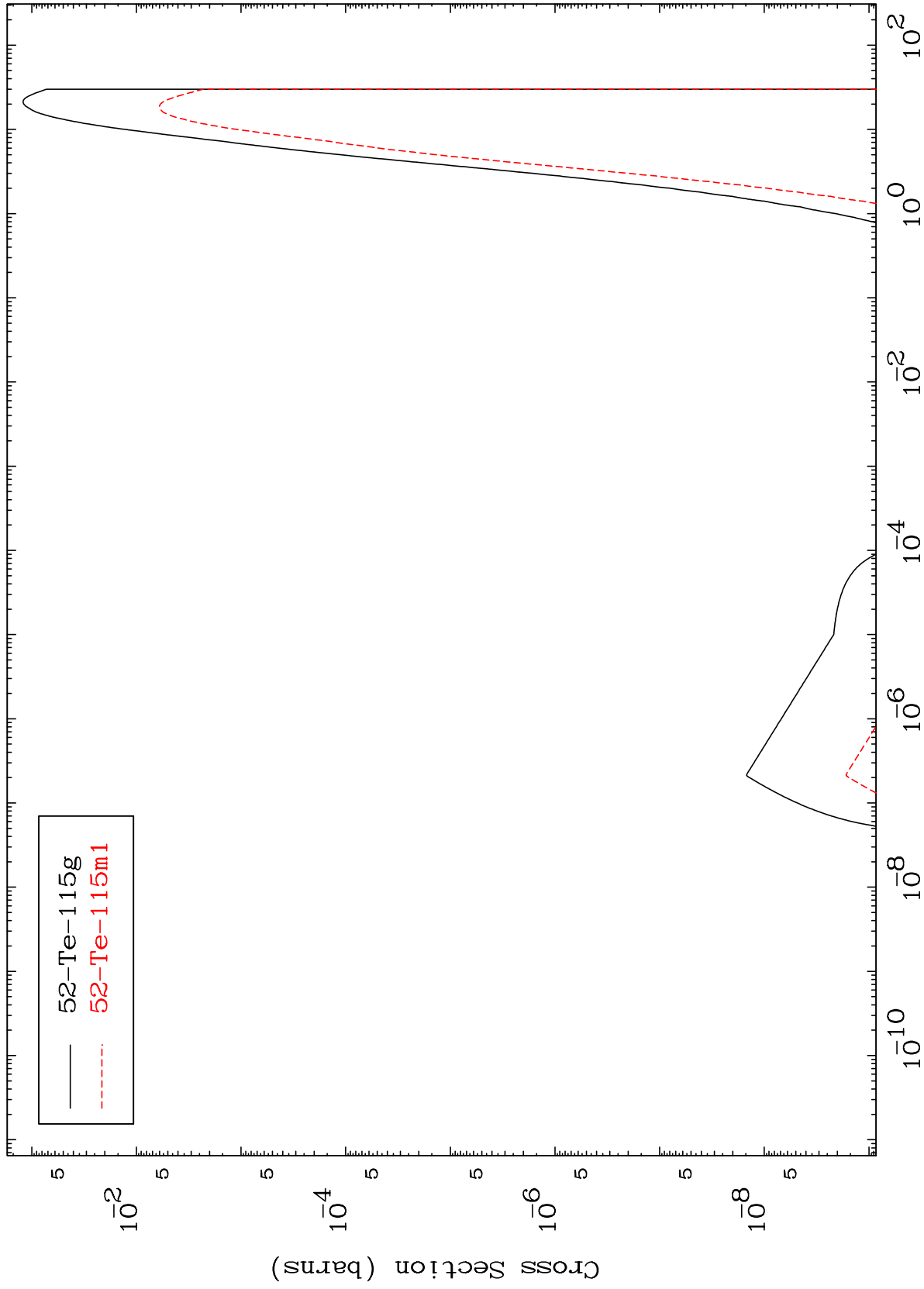
55-Cs-119

MAT 5483

(n,p) α

55-Cs-119

Radionuclide Production Cross Section



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Incident Energy (MeV)

55-Cs-119