

Program EVALPLOT
(Version 2018-1)

by

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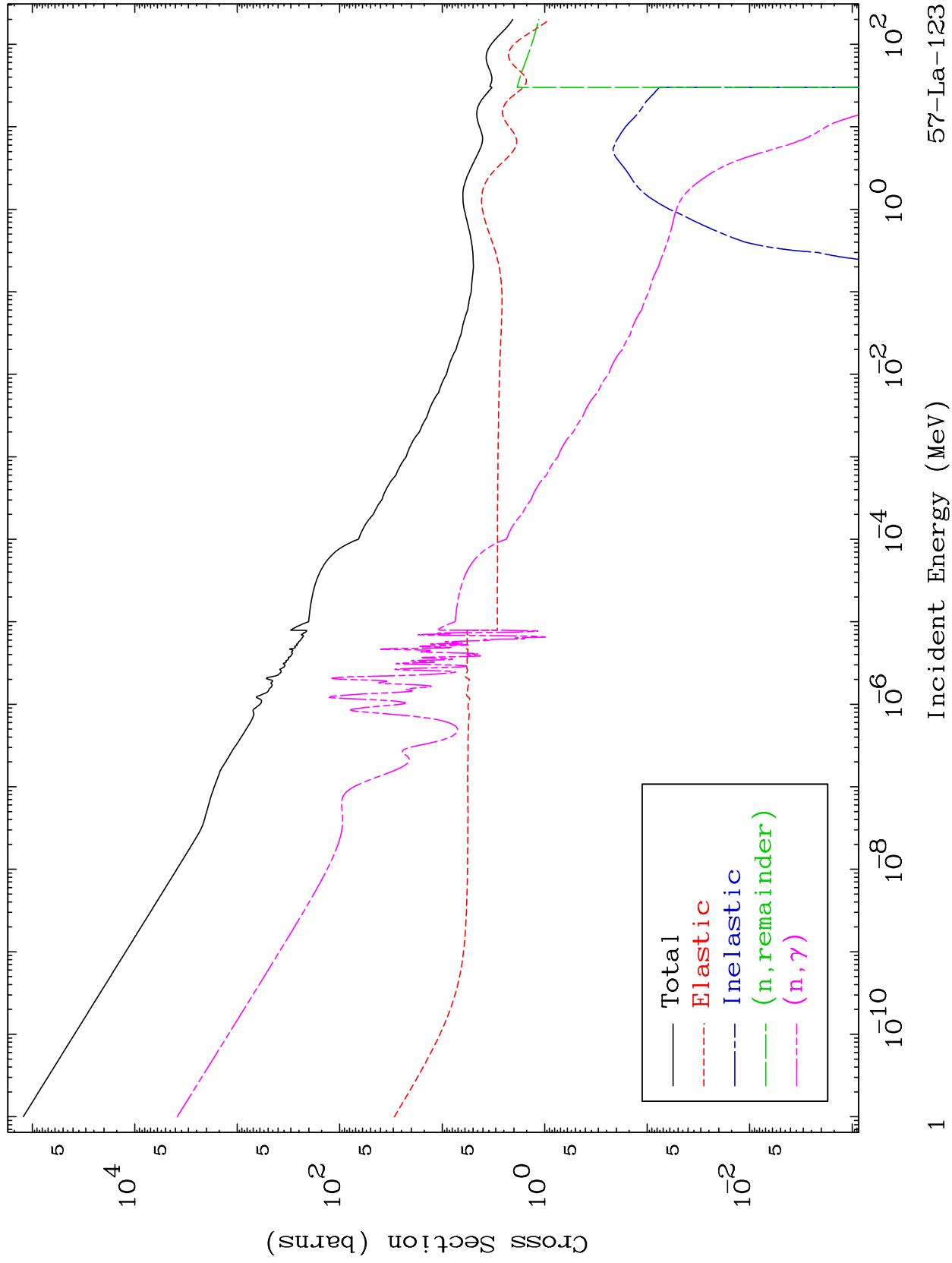
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5680

Major
293 Kelvin Cross Sections

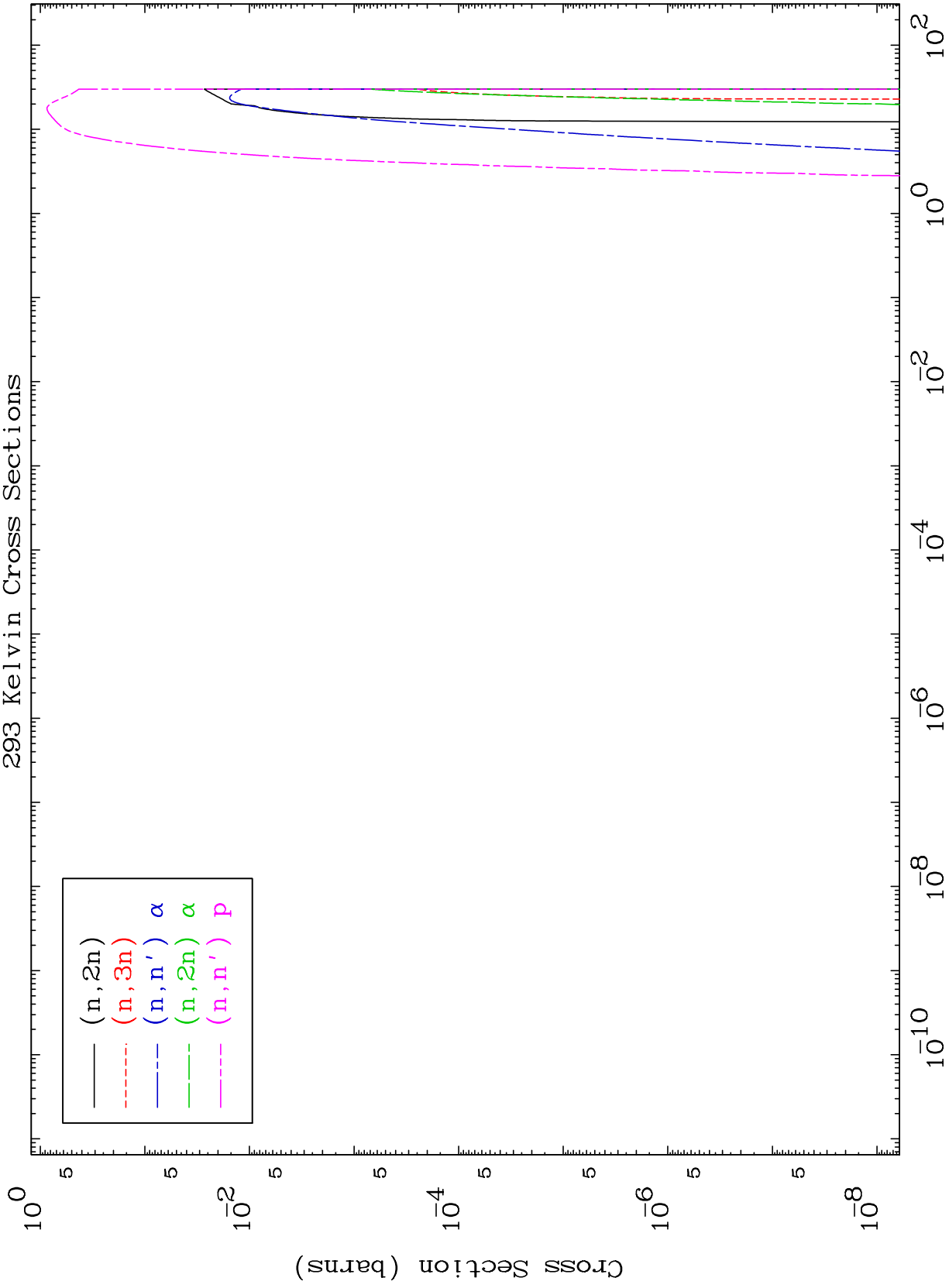
57-La-123



MAT 5680

Neutron Production
293 Kelvin Cross Sections

57-La-123



2

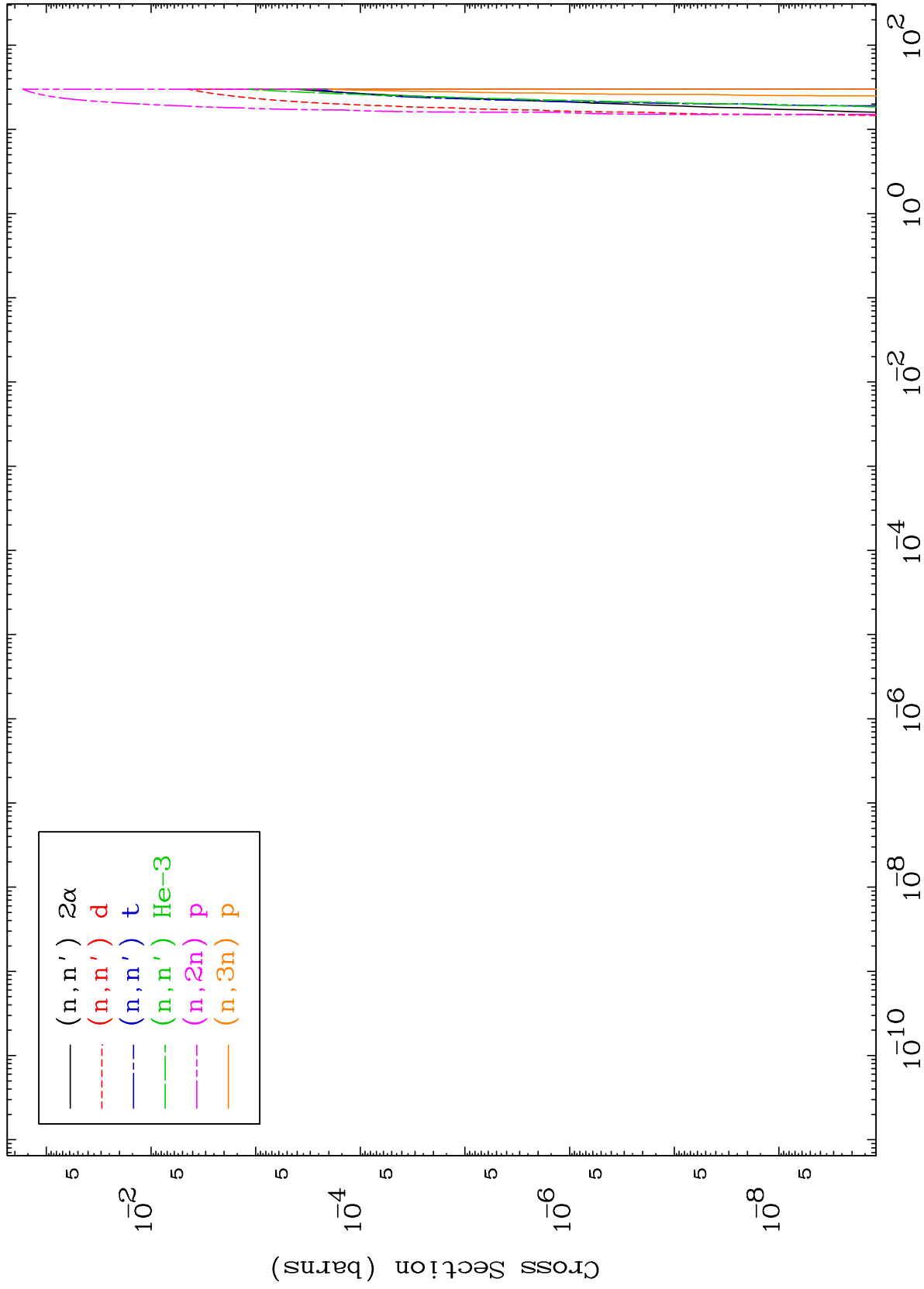
Incident Energy (MeV)

57-La-123

MAT 5680

Neutron Production
293 Kelvin Cross Sections

57-La-123



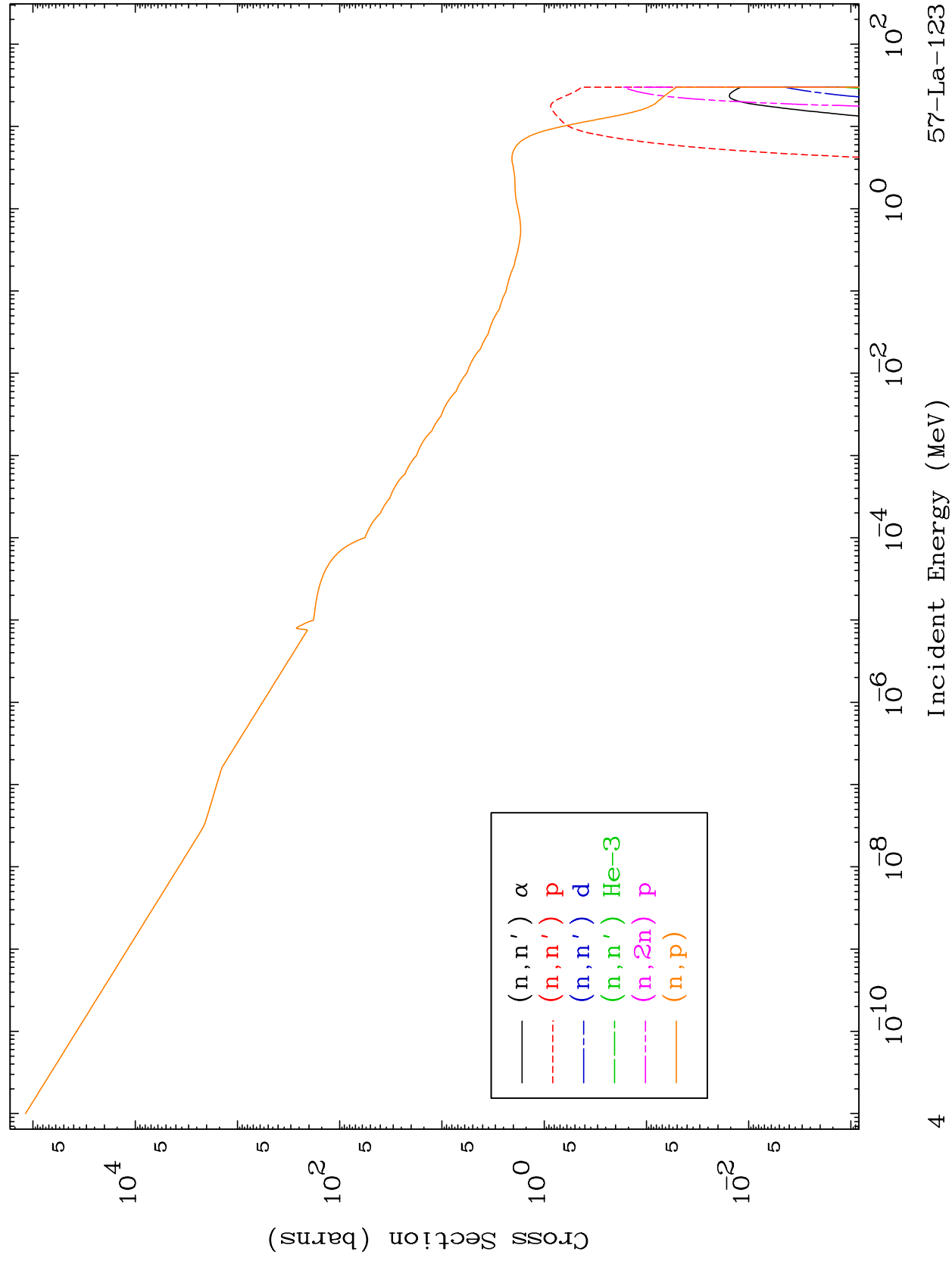
3

57-La-123

MAT 5680

293 Kelvin Cross Sections

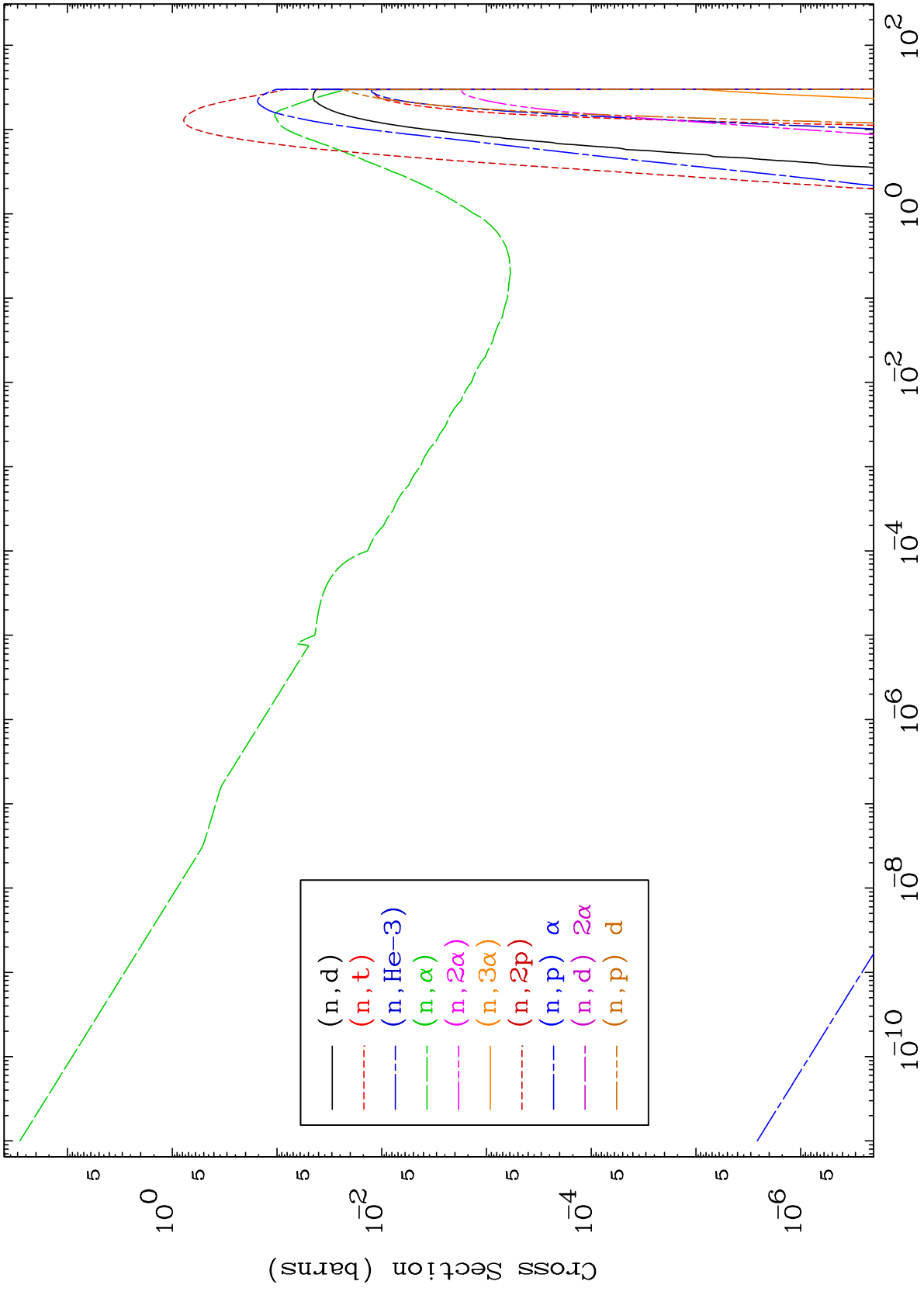
57-La-123



MAT 5680

Charged Particle
293 Kelvin Cross Sections

57-La-123



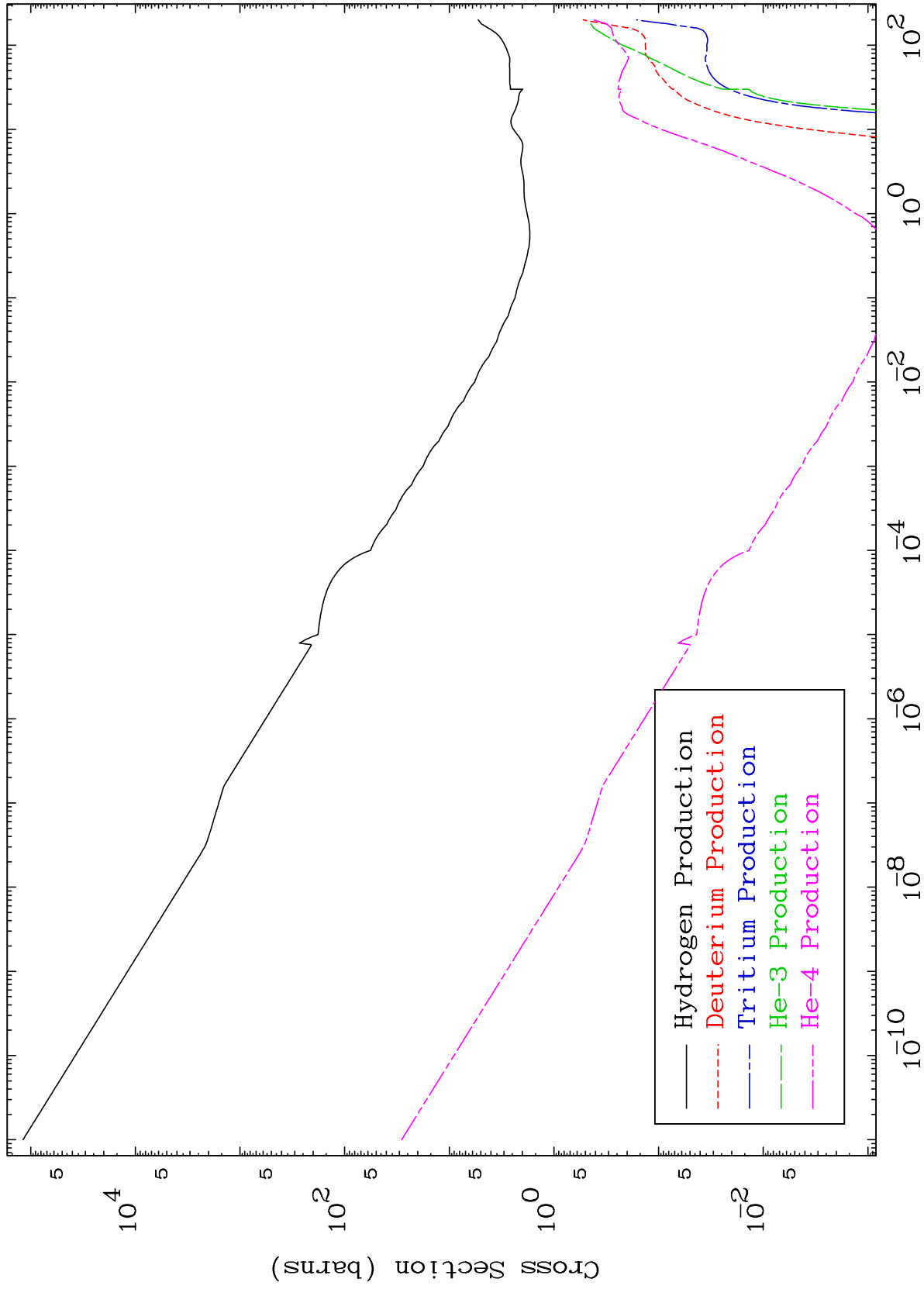
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57-La-123

MAT 5680

Particle Production
293 Kelvin Cross Sections

57-La-123



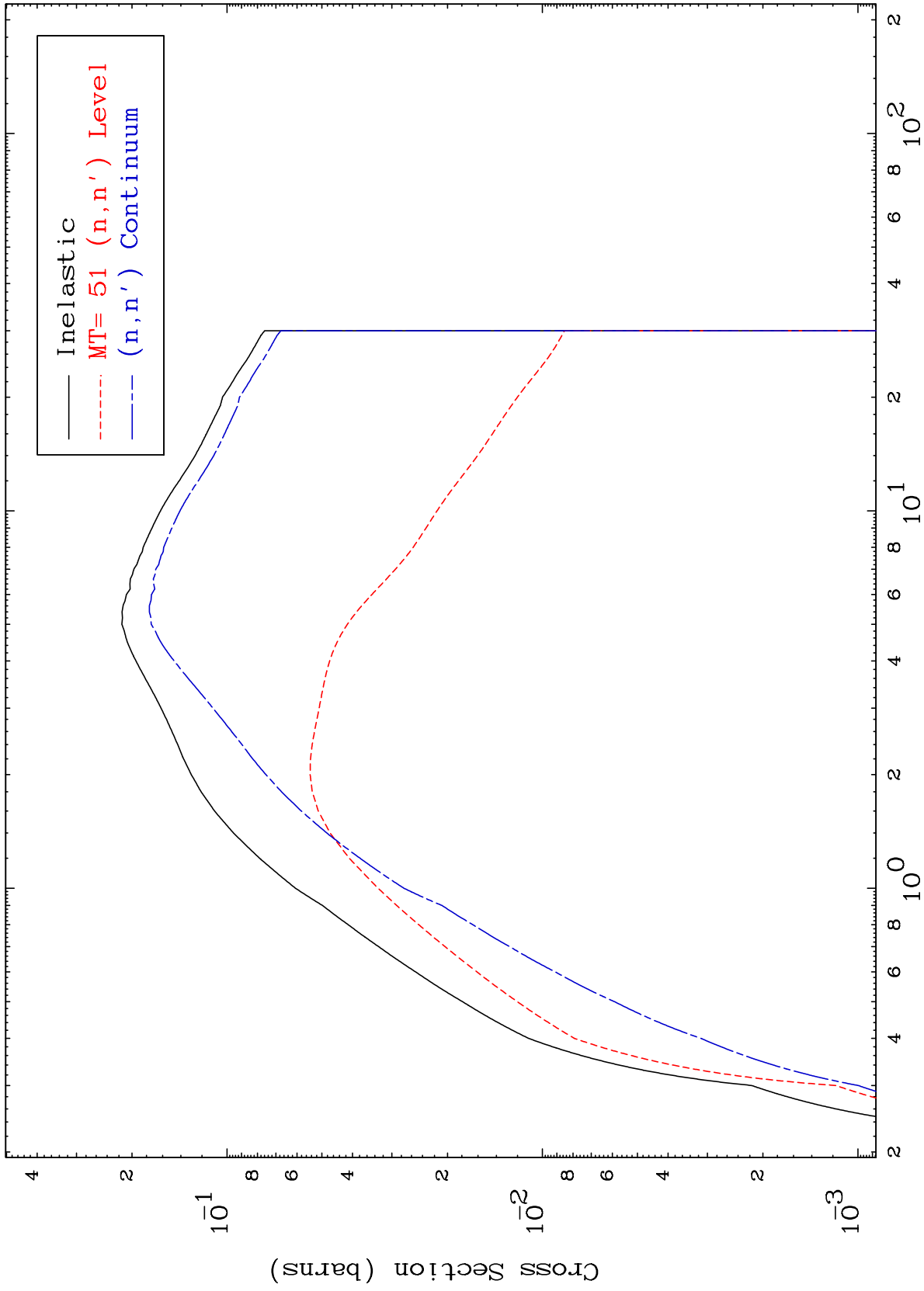
6

57-La-123

MAT 5680

(n,n') Level
293 Kelvin Cross Sections

57-La-123



7

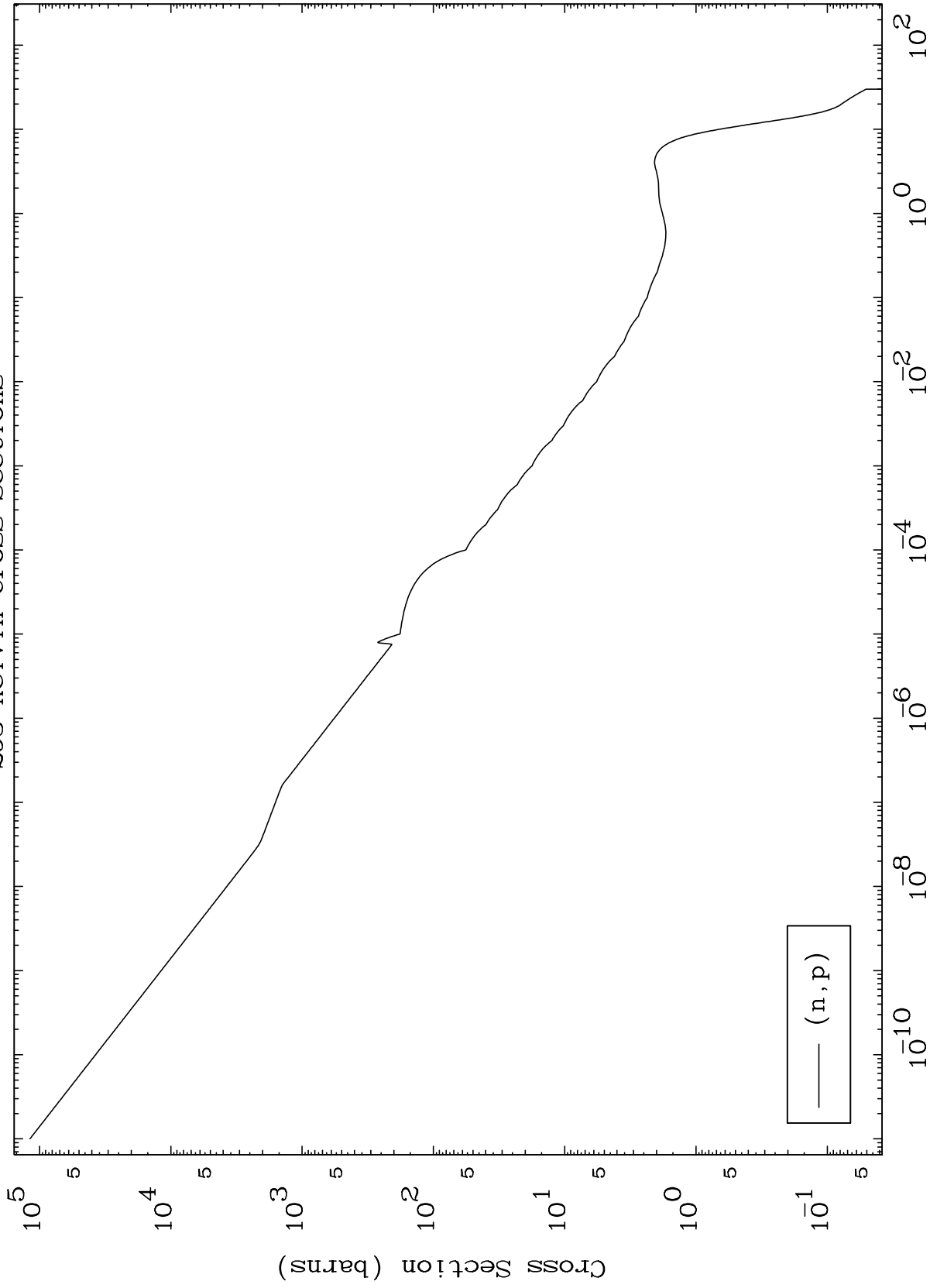
Incident Energy (MeV)

57-La-123

MAT 5680

(n,p) Levels
293 Kelvin Cross Sections

57-La-123



8

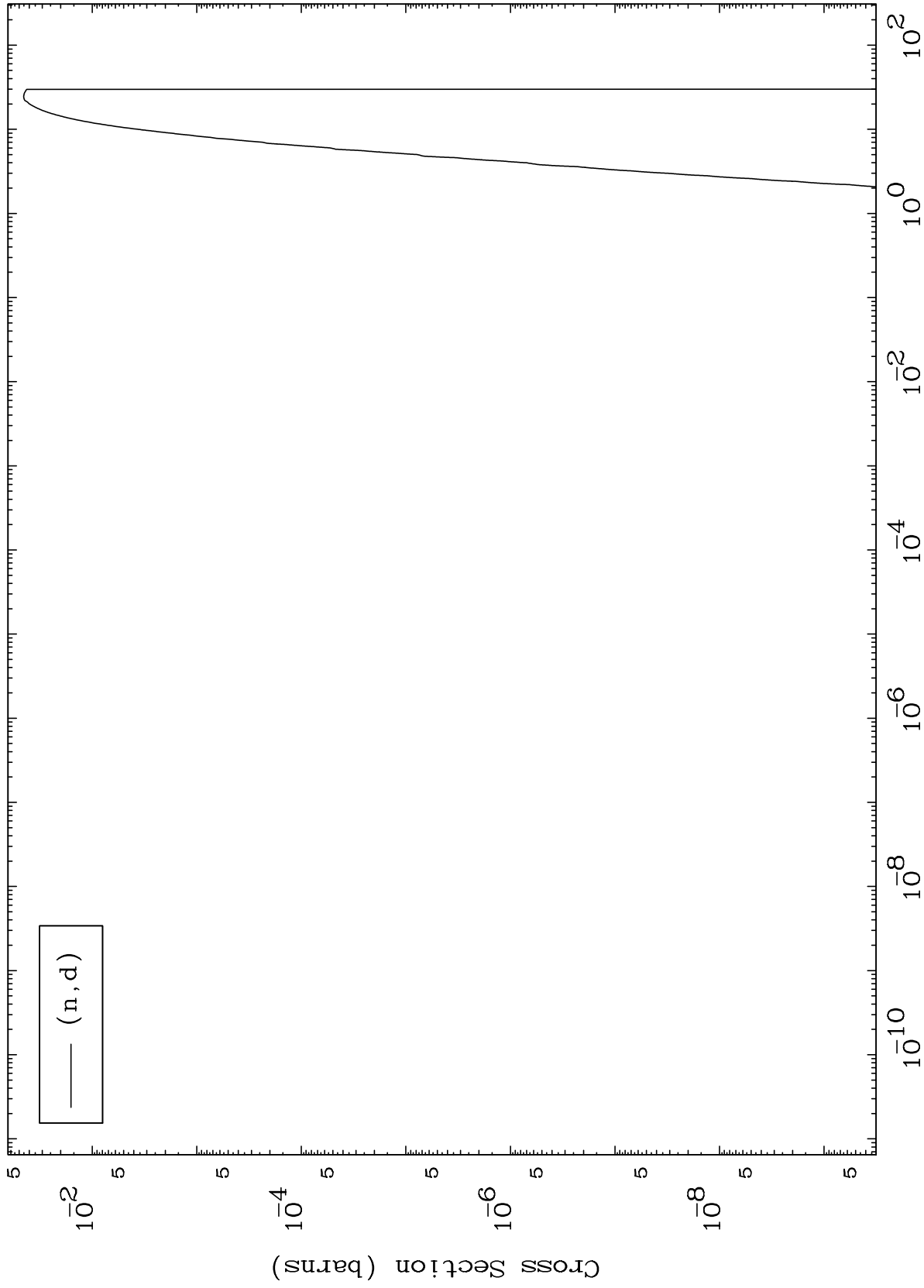
Incident Energy (MeV)

57-La-123

MAT 5680

(n,d) Levels
293 Kelvin Cross Sections

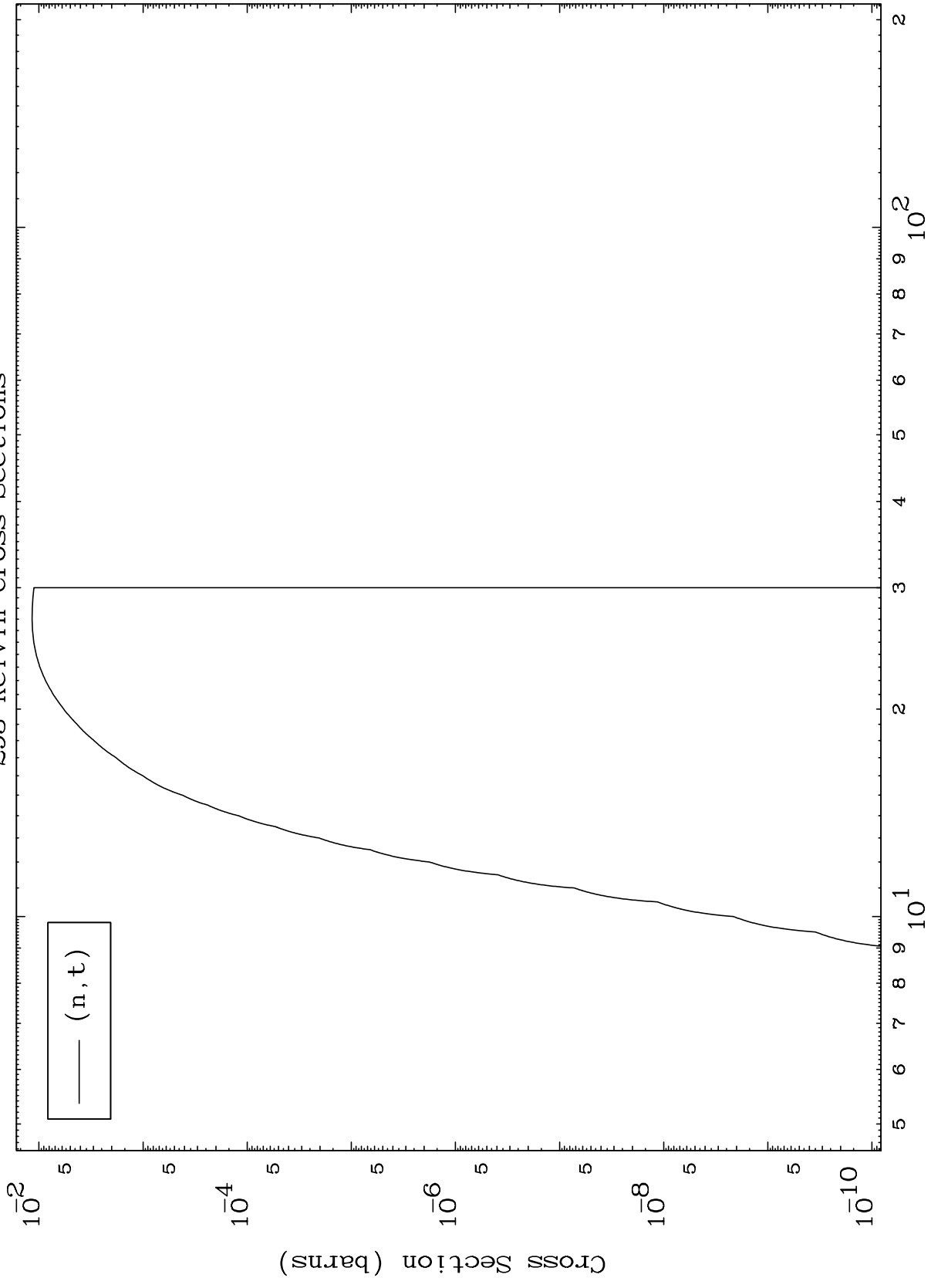
57-La-123



MAT 5680

(n,t) Levels
293 Kelvin Cross Sections

57-La-123



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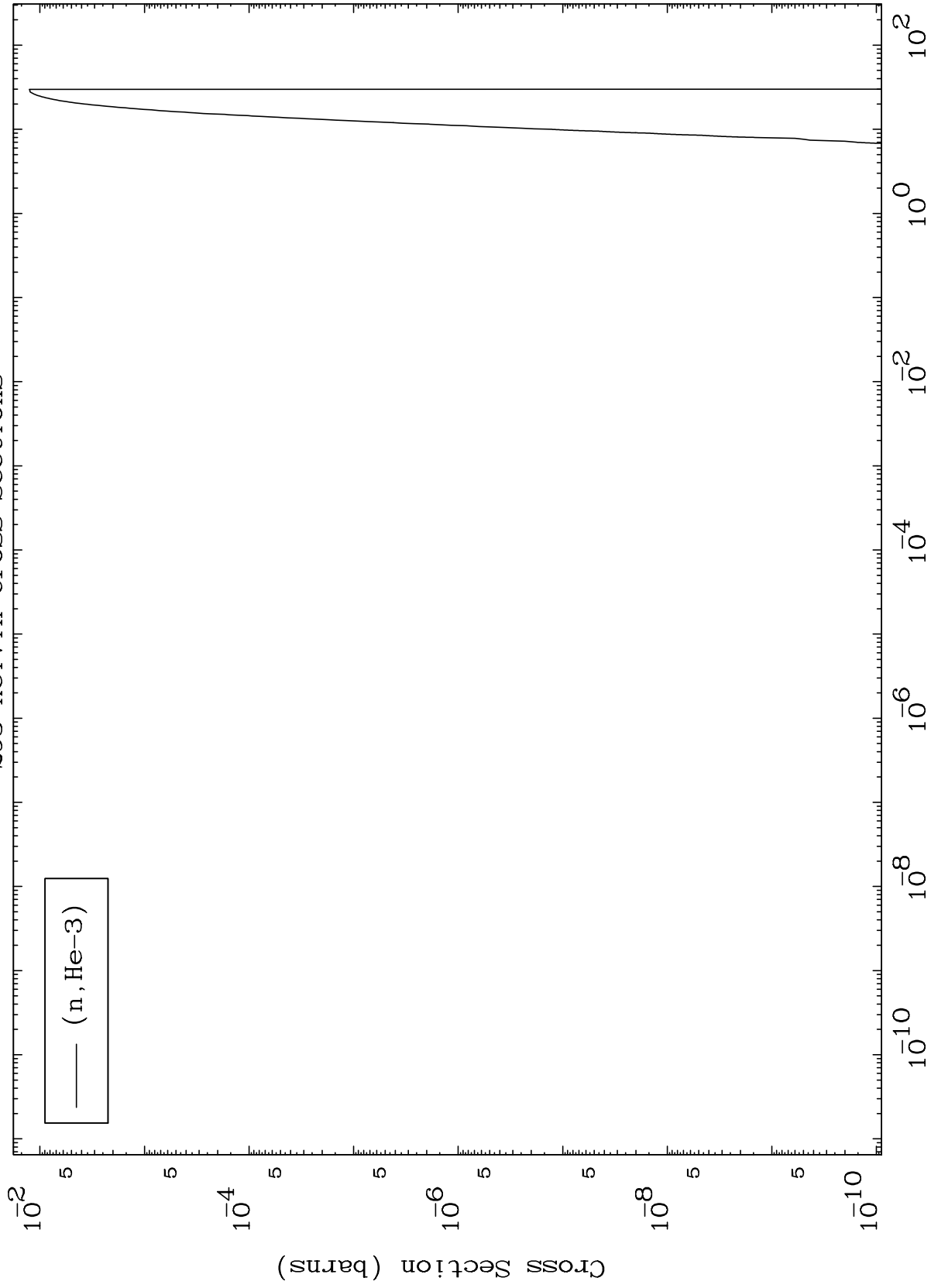
Incident Energy (MeV)

57-La-123

MAT 5680

(n,He3) Levels
293 Kelvin Cross Sections

57-La-123



11

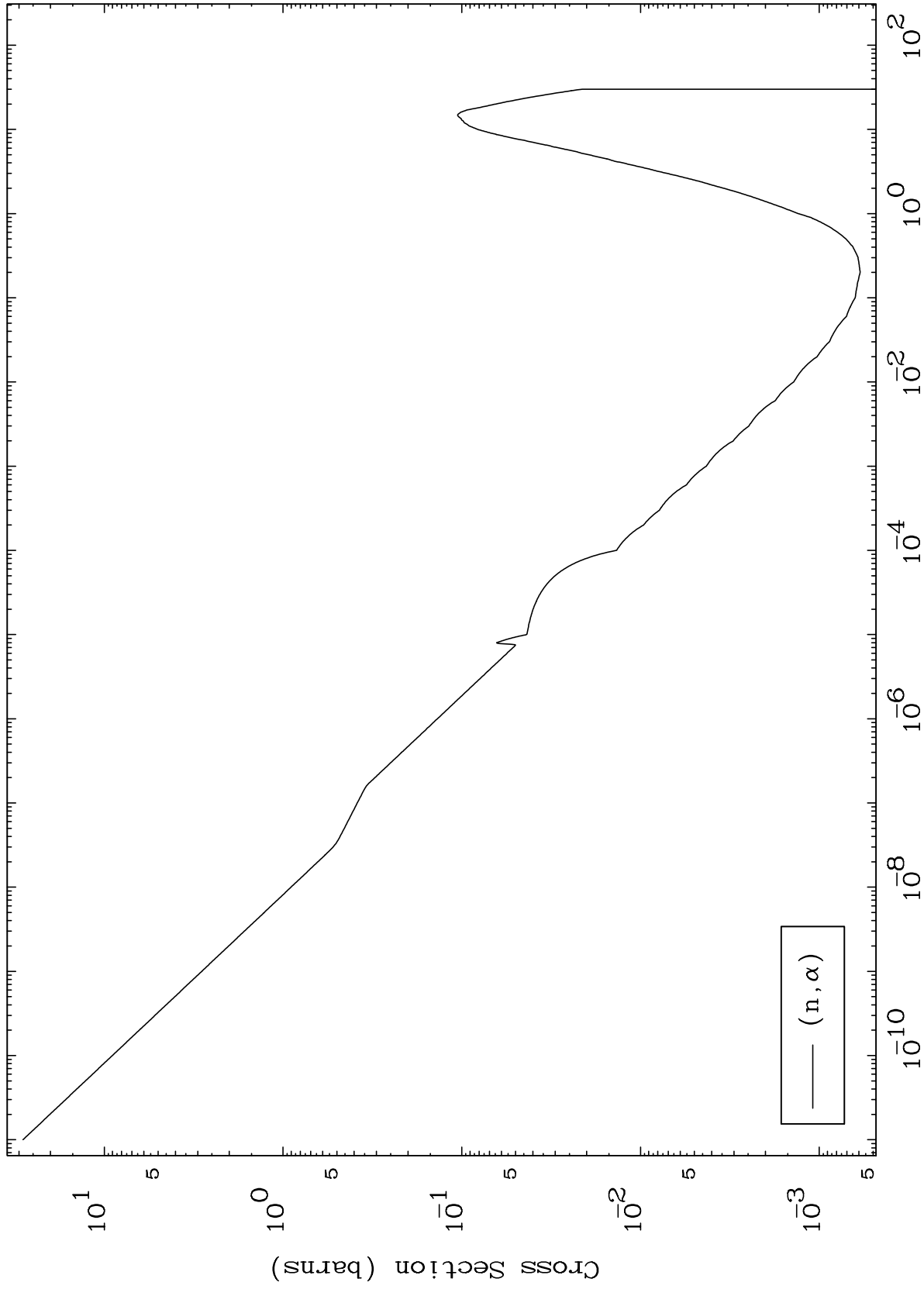
Incident Energy (MeV)

57-La-123

MAT 5680

(n,α) Levels
293 Kelvin Cross Sections

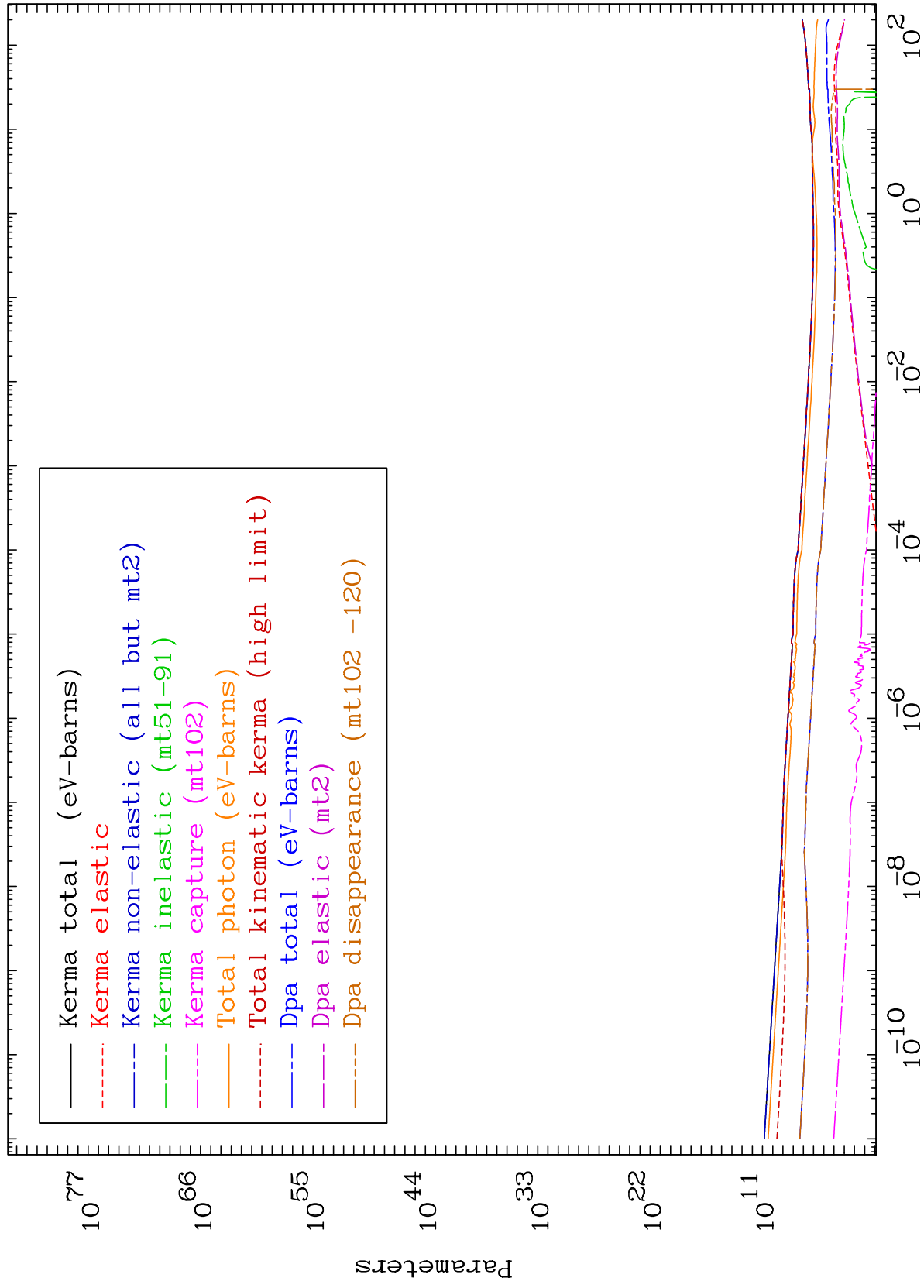
57-La-123



12

Incident Energy (MeV)

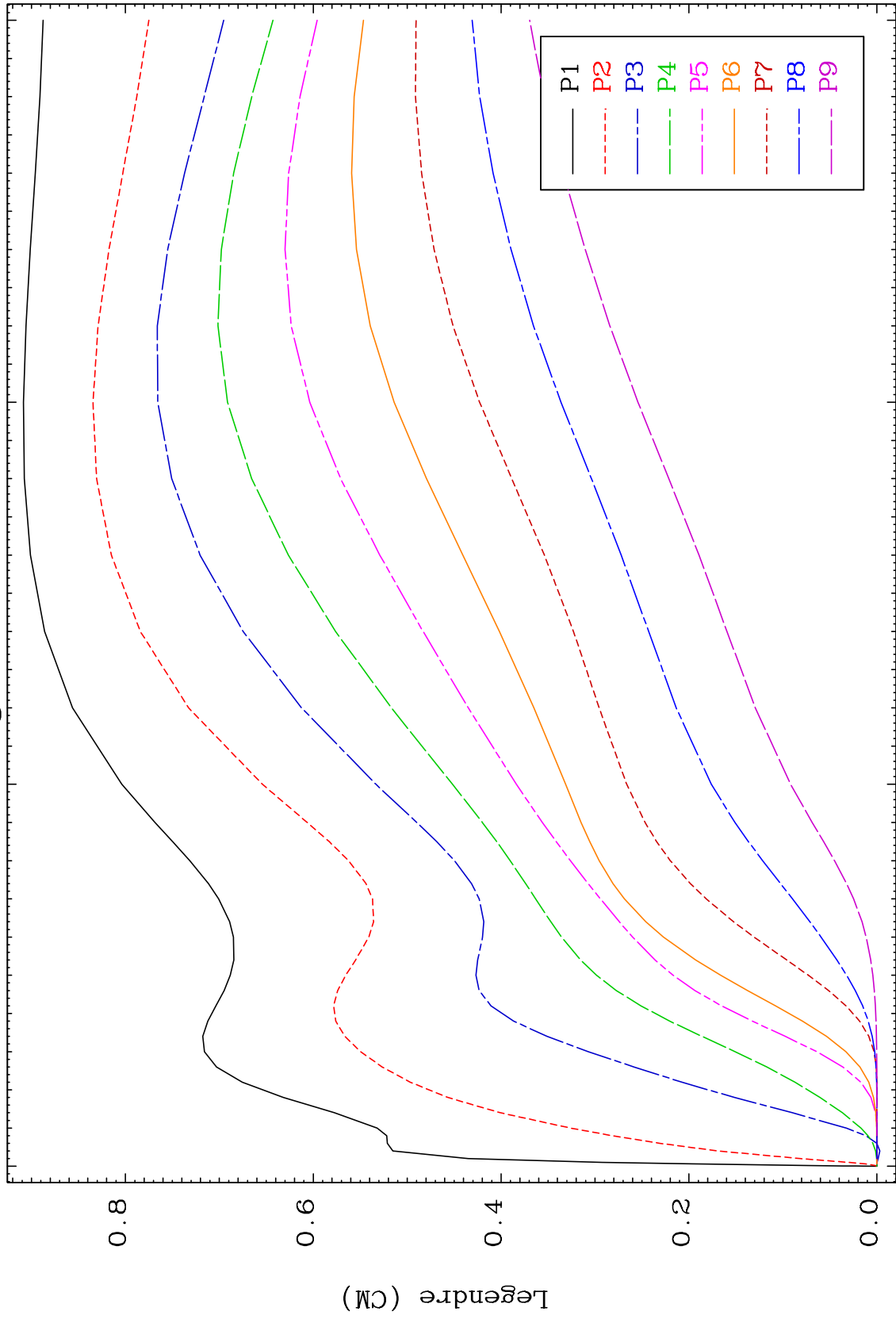
57-La-123



MAT 5680

Elastic Legendre Coefficients

57-La-123



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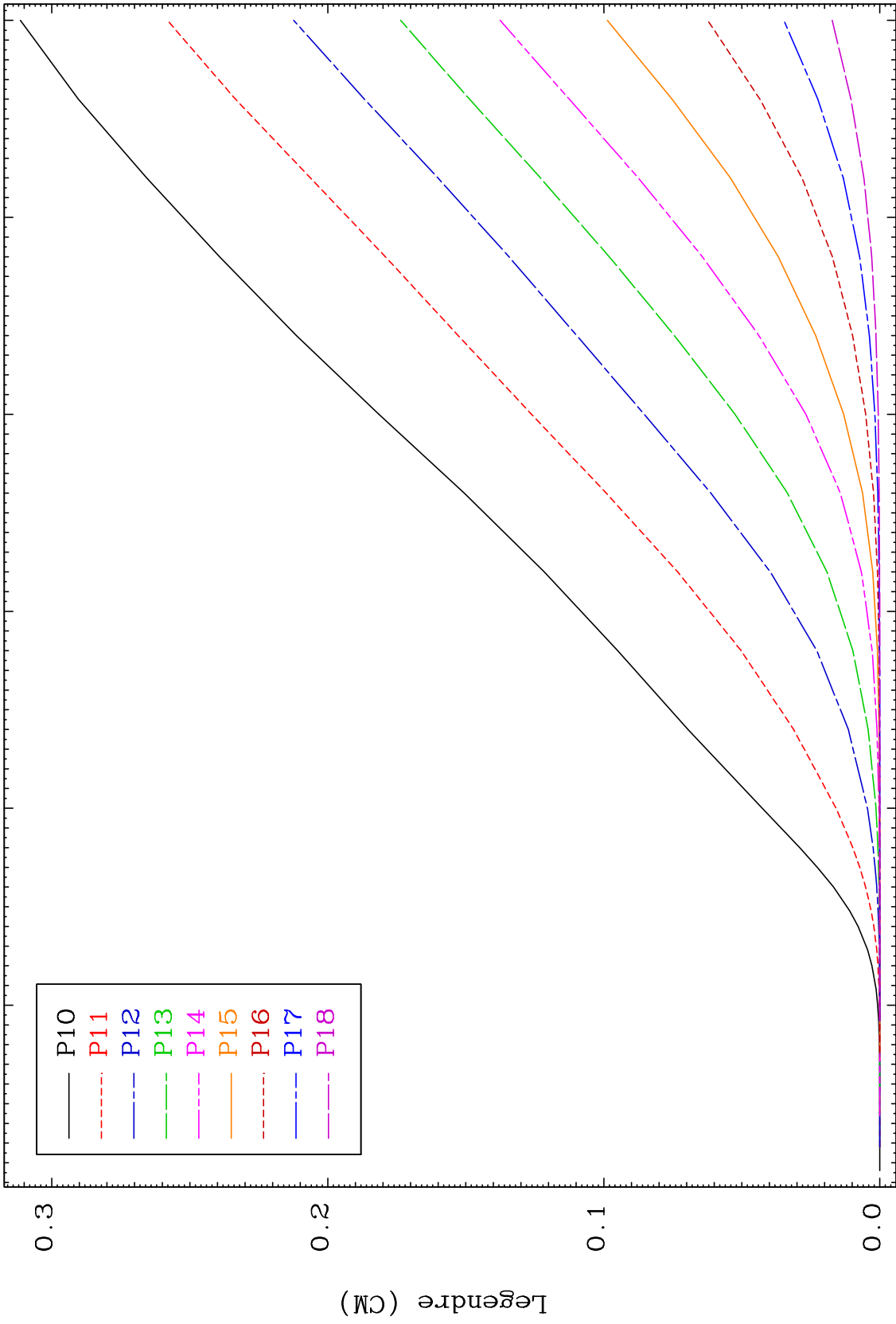
Incident Energy (MeV)

57-La-123

MAT 5680

Elastic Legendre Coefficients

57-La-123



15

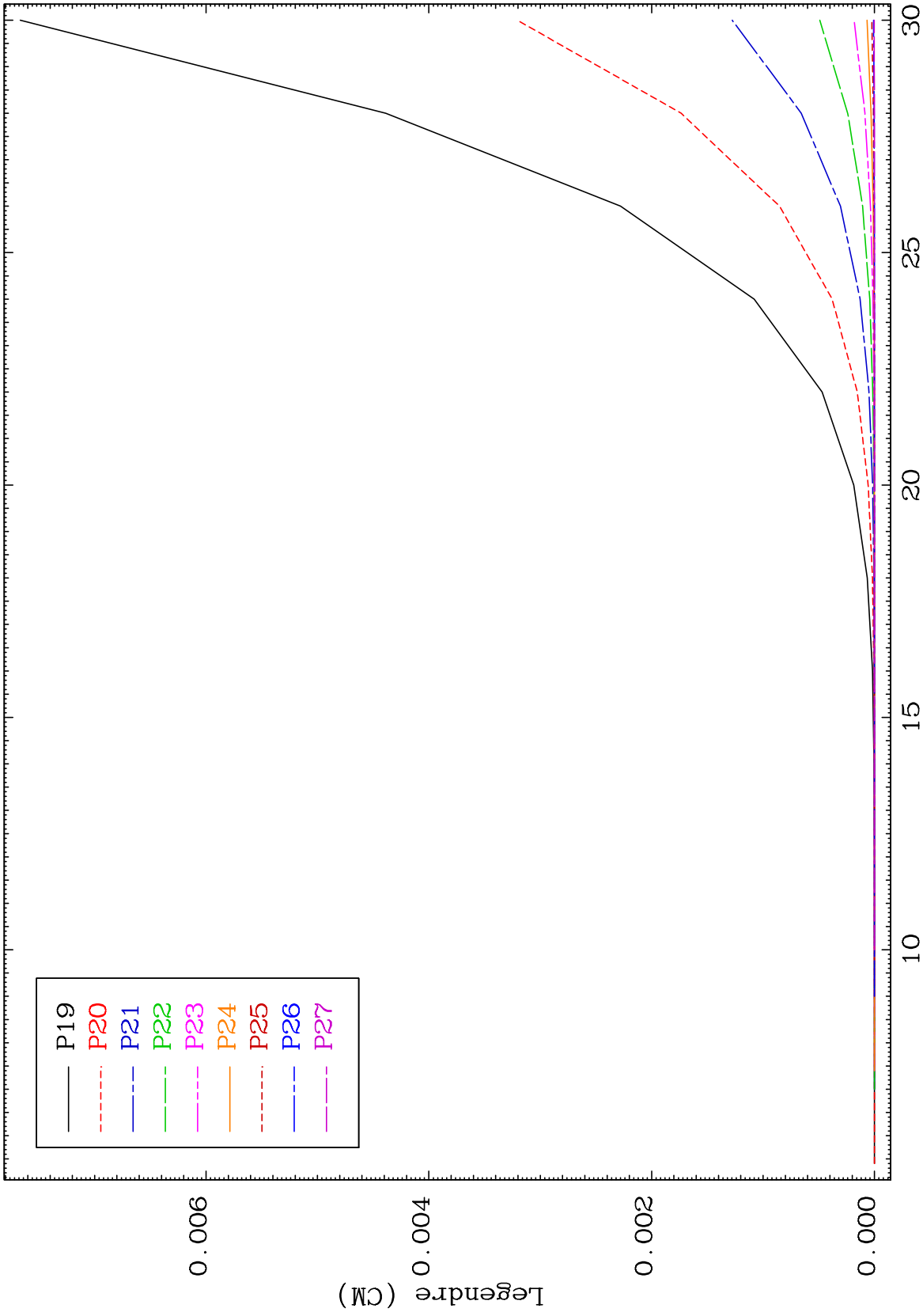
Incident Energy (MeV)

57-La-123

MAT 5680

Elastic Legendre Coefficients

57-La-123



16

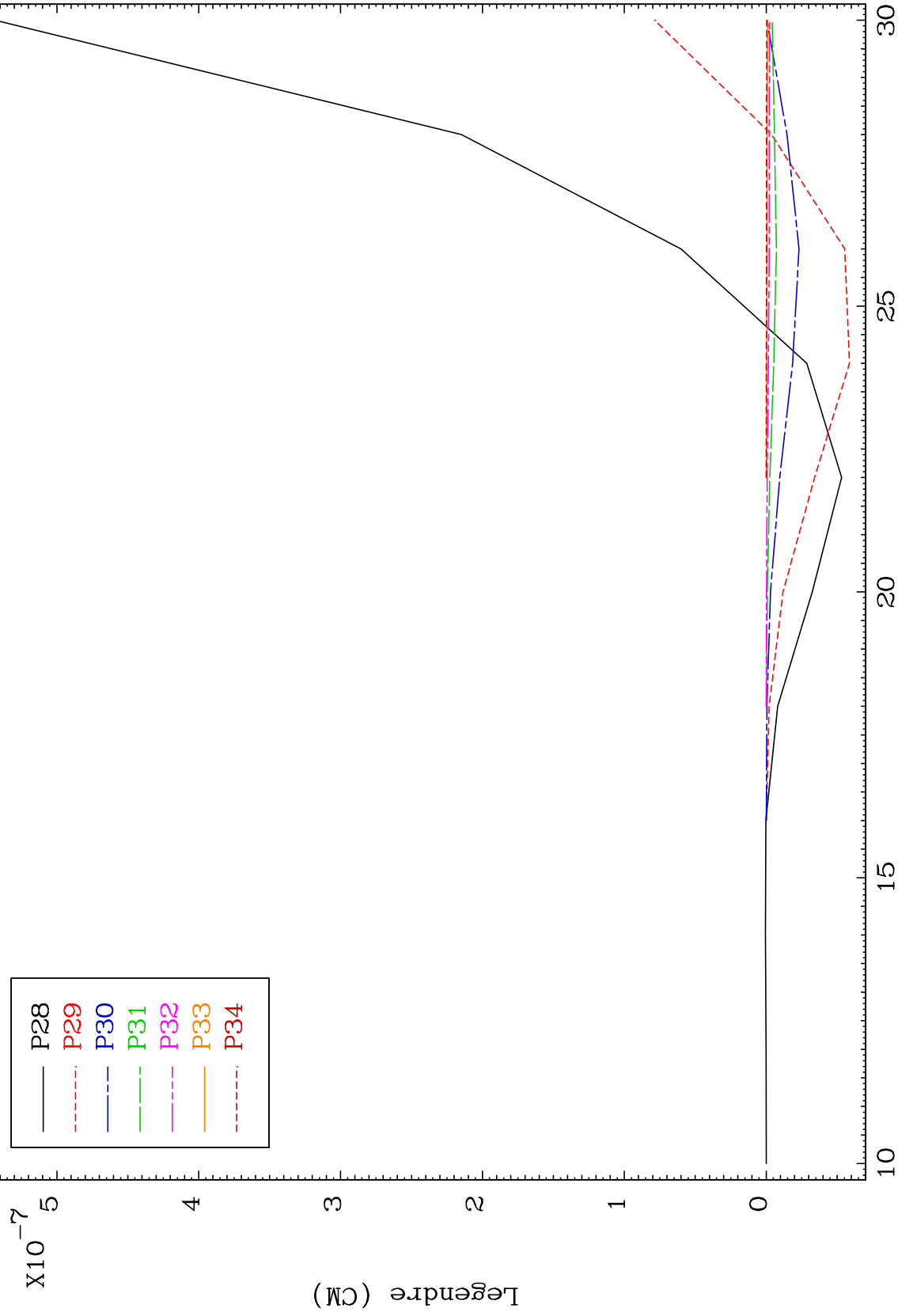
Incident Energy (MeV)

57-La-123

MAT 5680

Elastic Legendre Coefficients

57-La-123



17

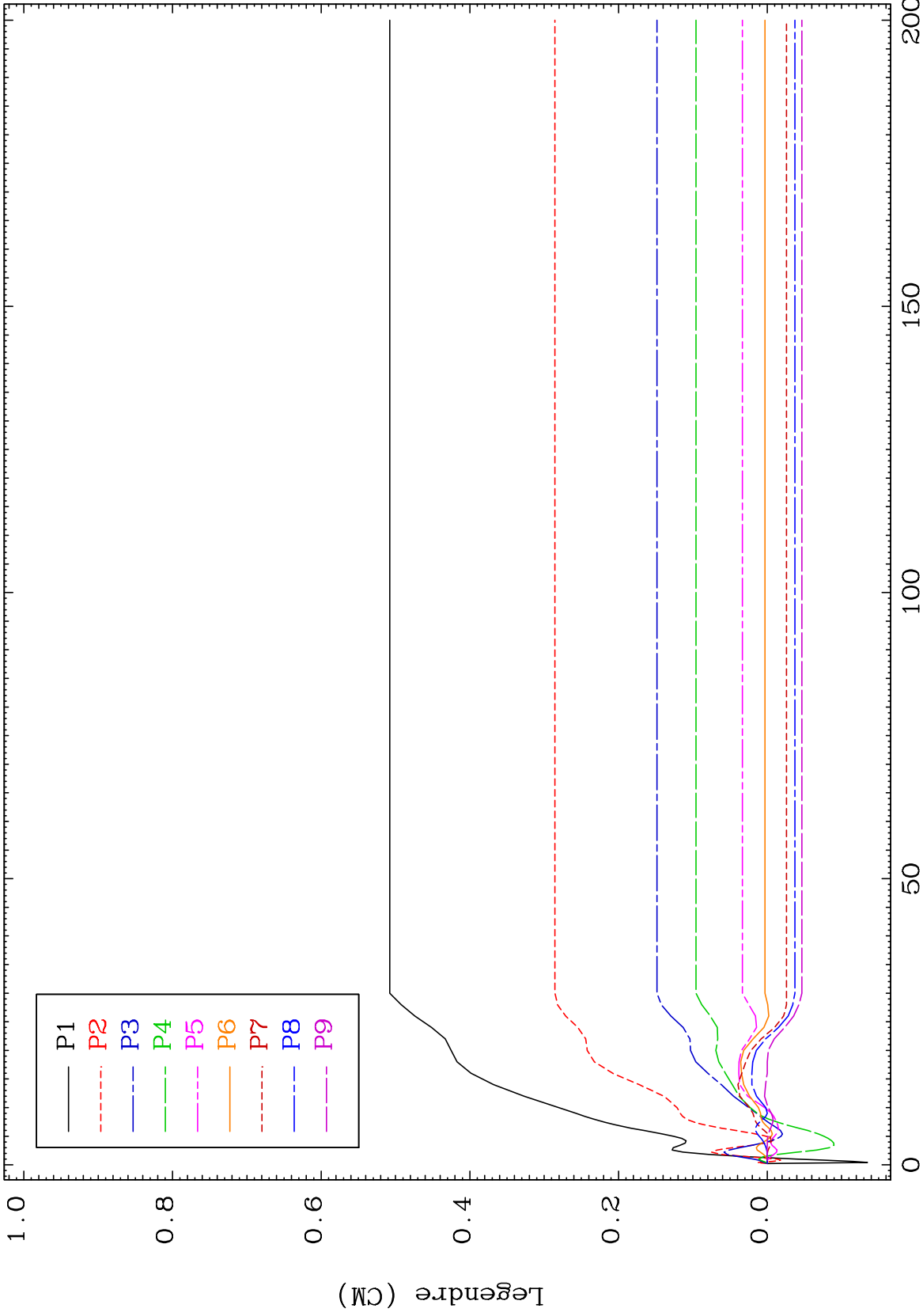
Incident Energy (MeV)

57-La-123

MAT 5680

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

57-La-123



18

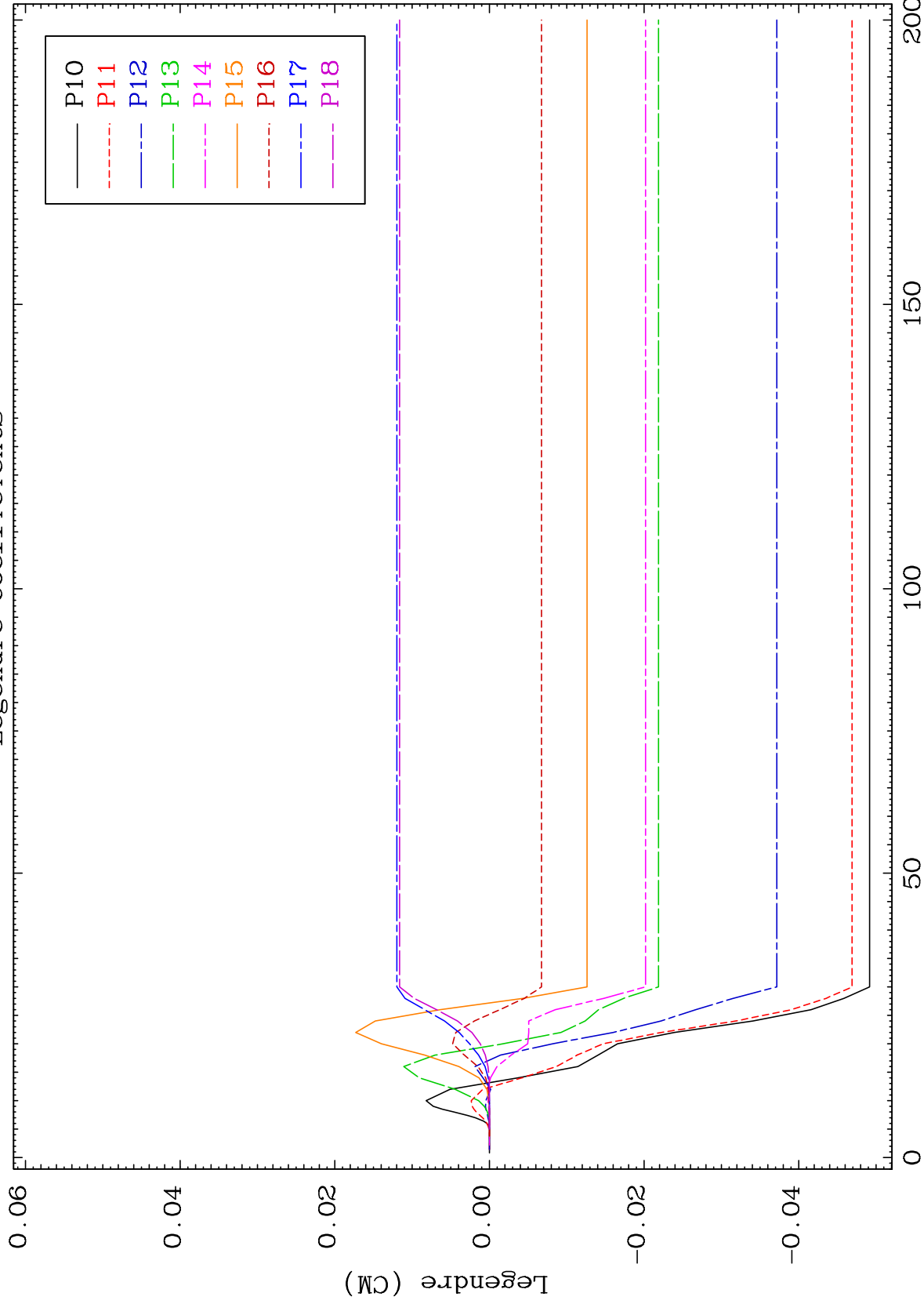
Incident Energy (MeV)

57-La-123

MAT 5680

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

57-La-123



19

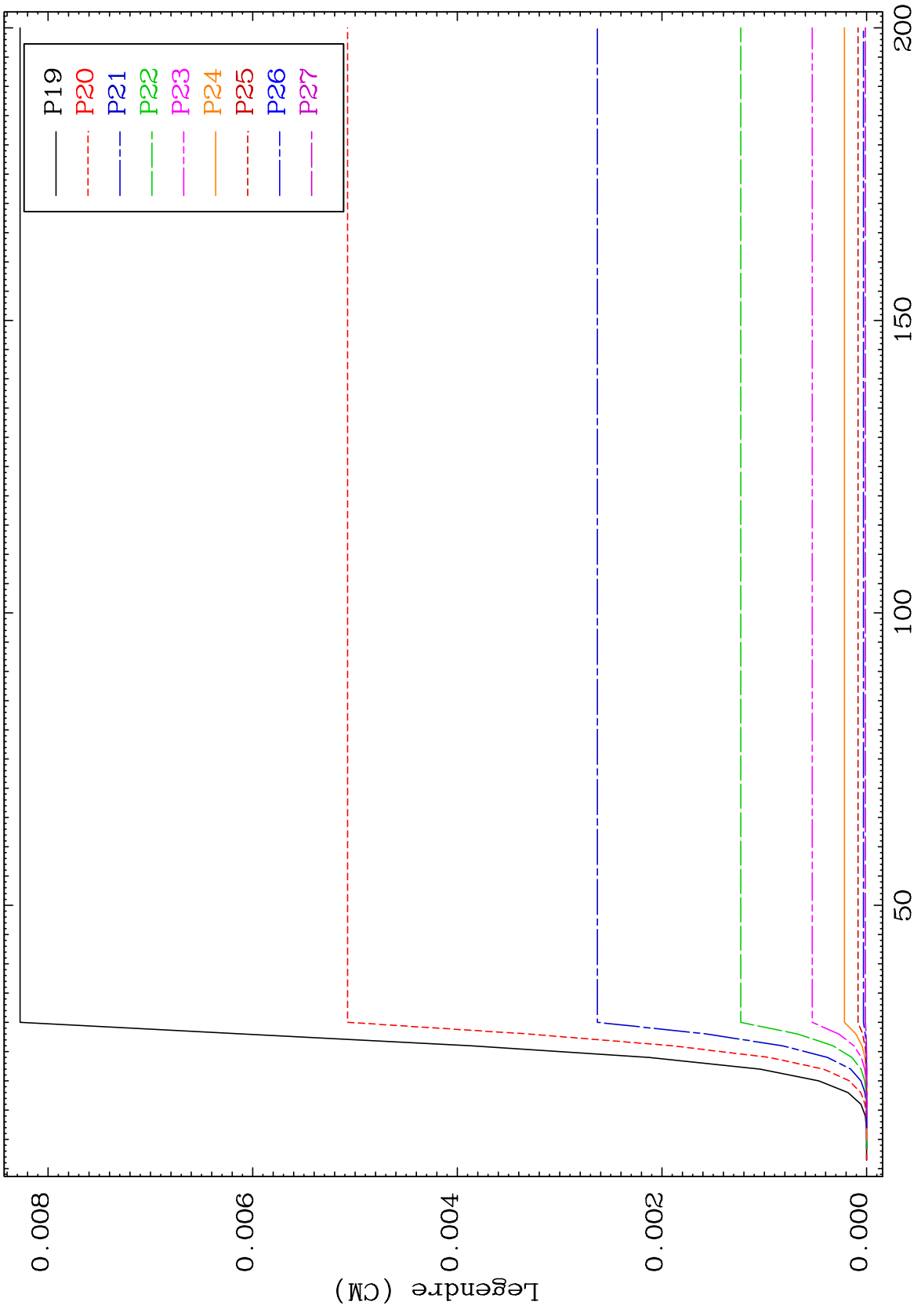
Incident Energy (MeV)

57-La-123

MAT 5680

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

57-La-123



20

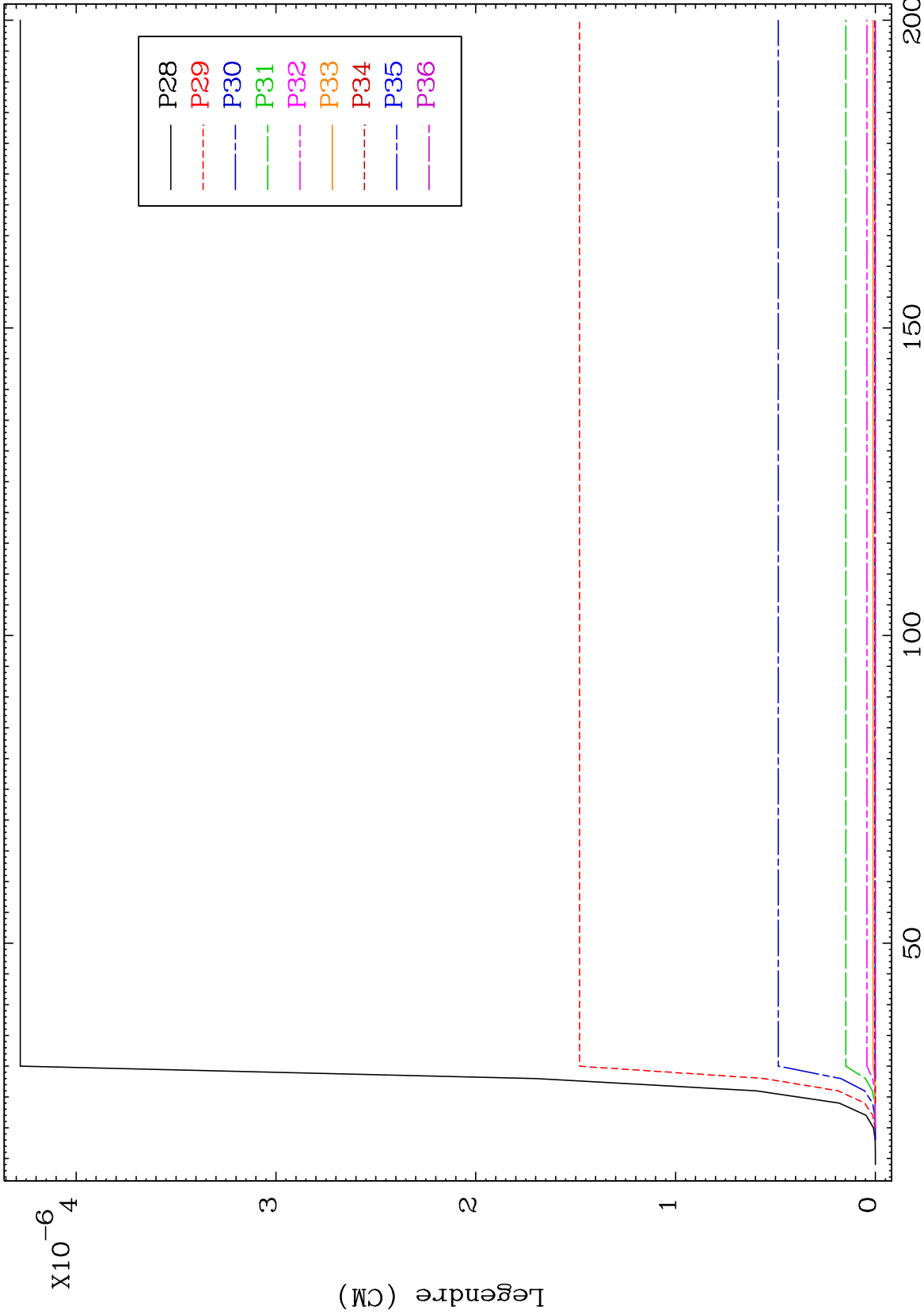
Incident Energy (MeV)

57-La-123

MAT 5680

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

57-La-123



21

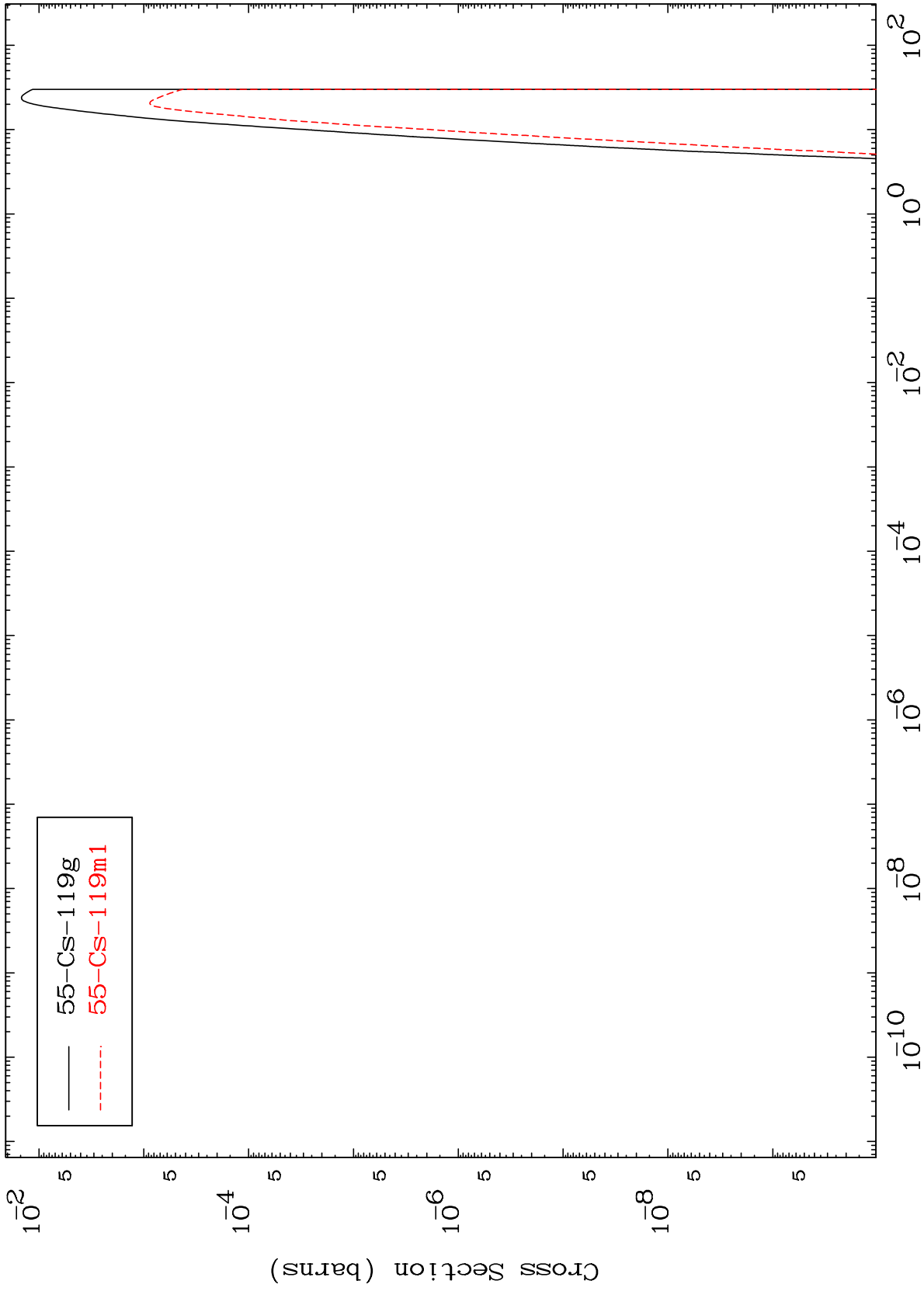
57-La-123

MAT 5680

(n,n') α

57-La-123

Radionuclide Production Cross Section



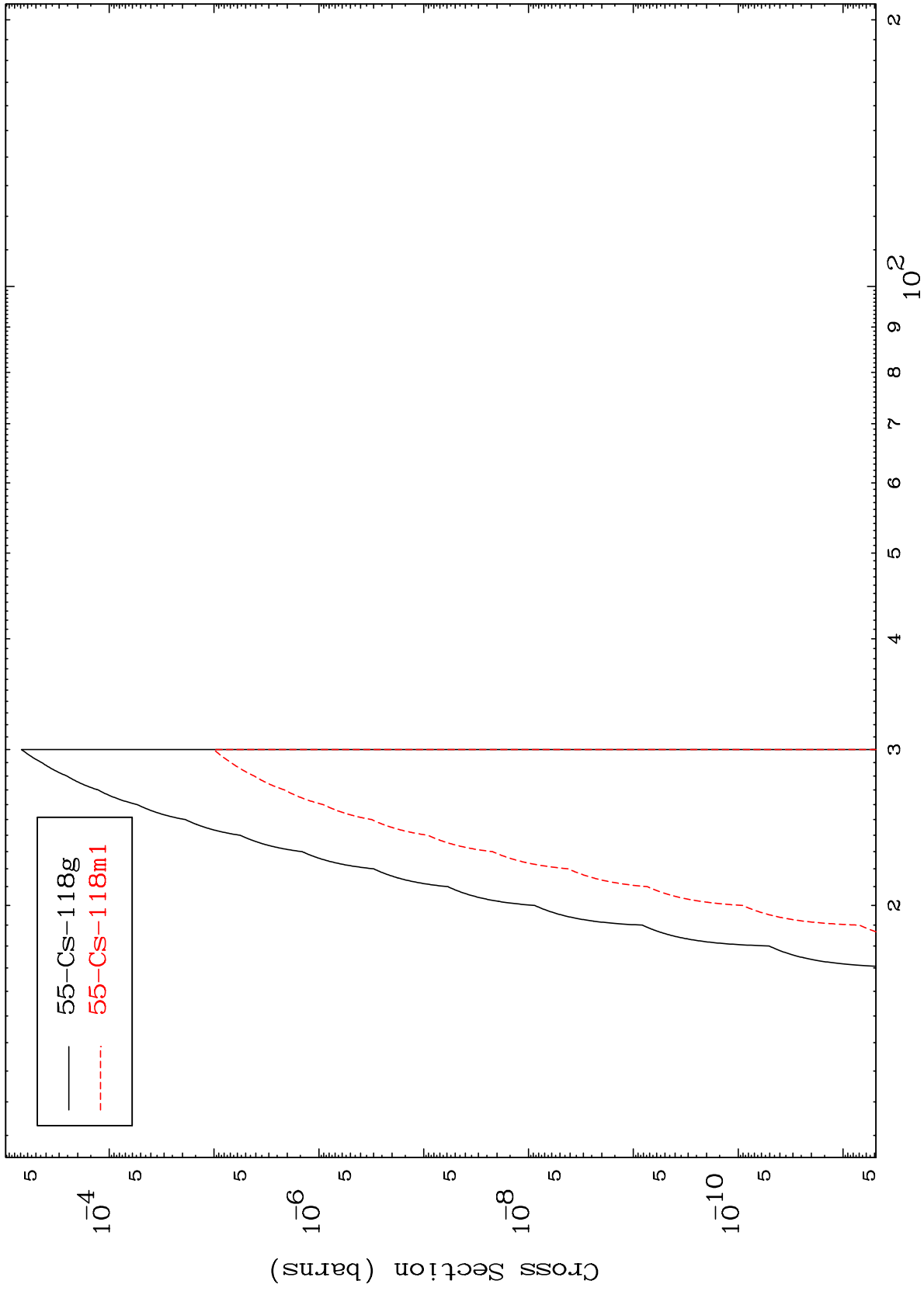
22

MAT 5680

(n,2n) α

57-La-123

Radionuclide Production Cross Section



23

Incident Energy (MeV)

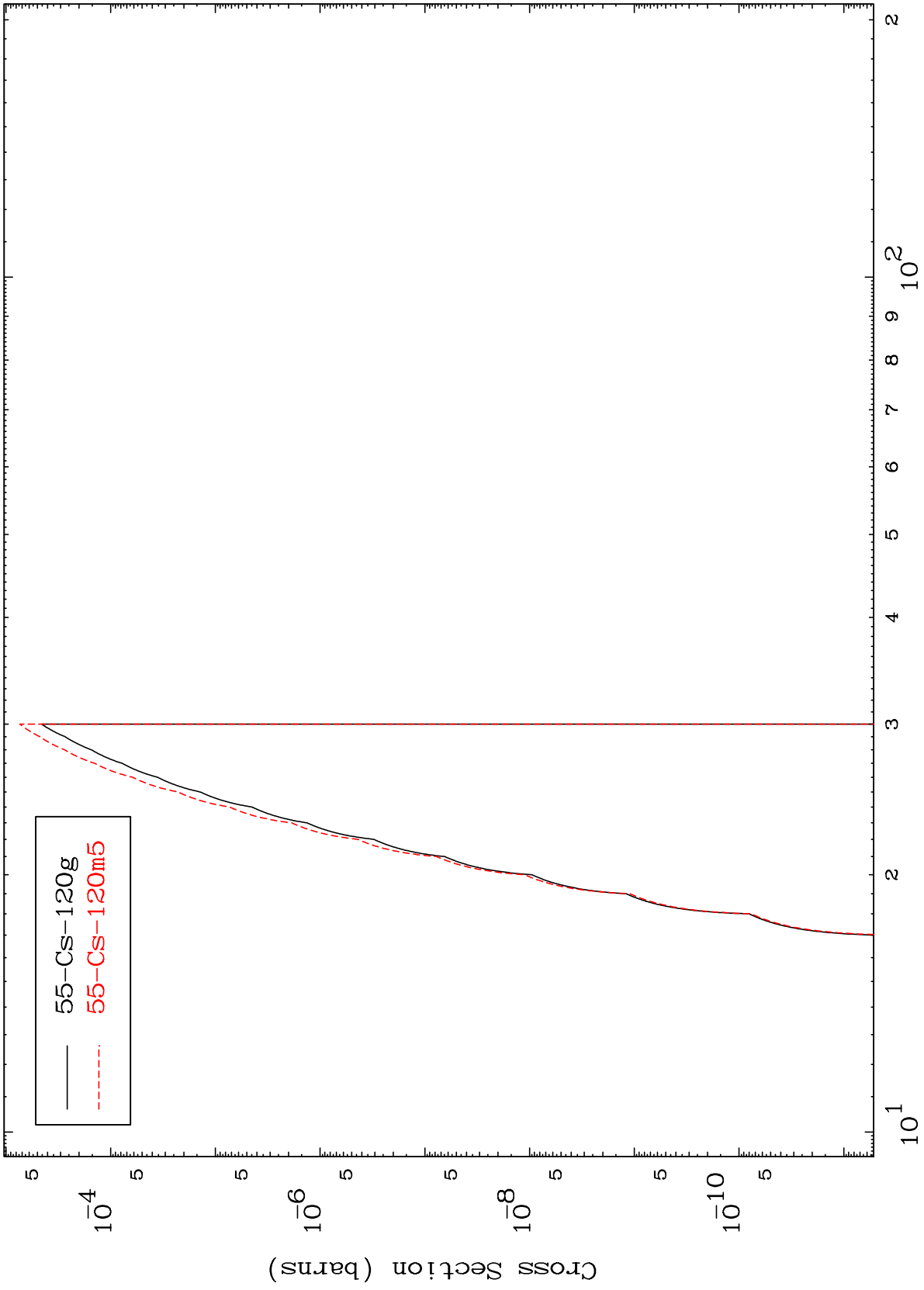
57-La-123

MAT 5680

(n, n') He-3

57-La-123

Radionuclide Production Cross Section



24

Incident Energy (MeV)

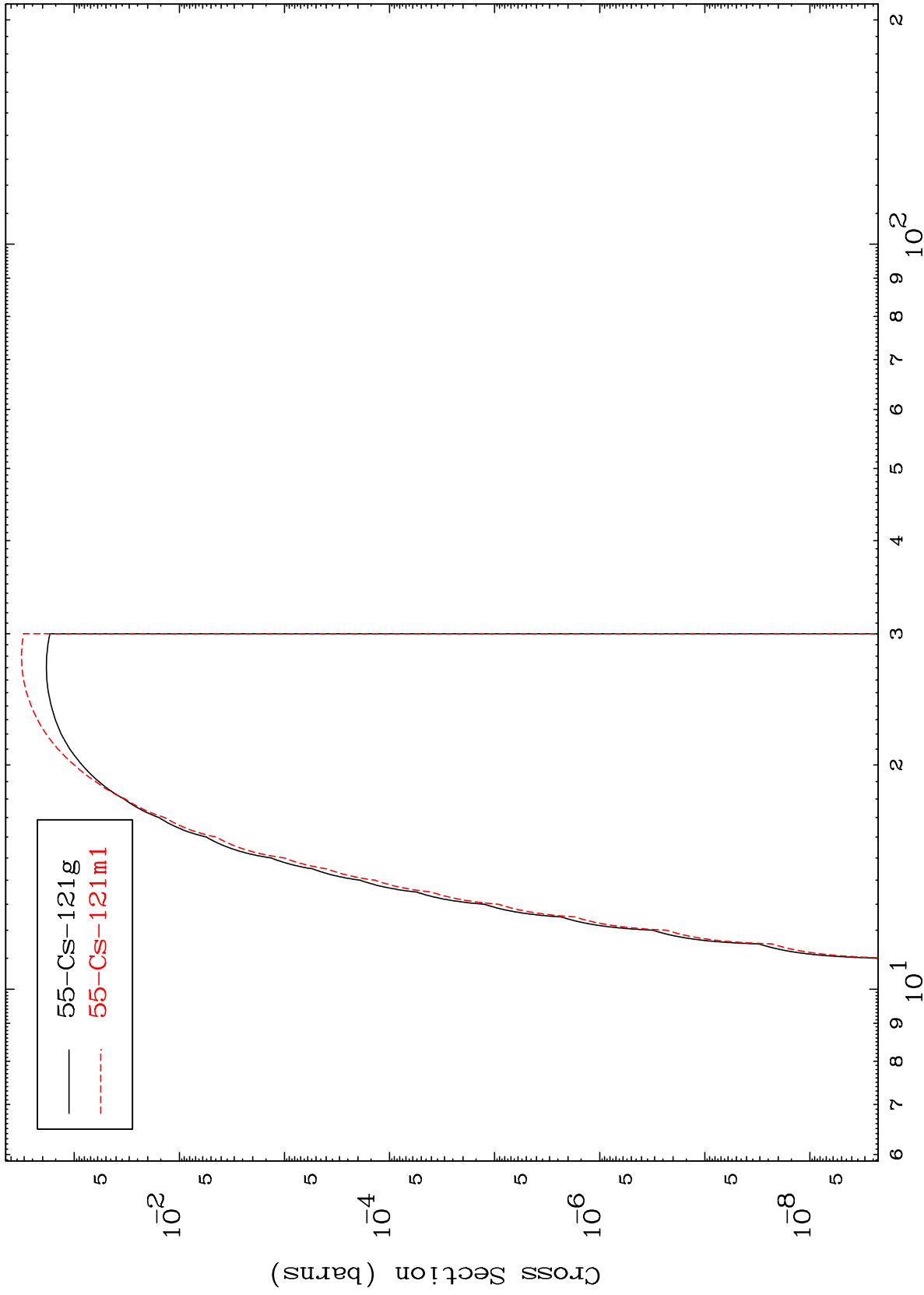
57-La-123

MAT 5680

(n,2n) p

57-La-123

Radionuclide Production Cross Section



25

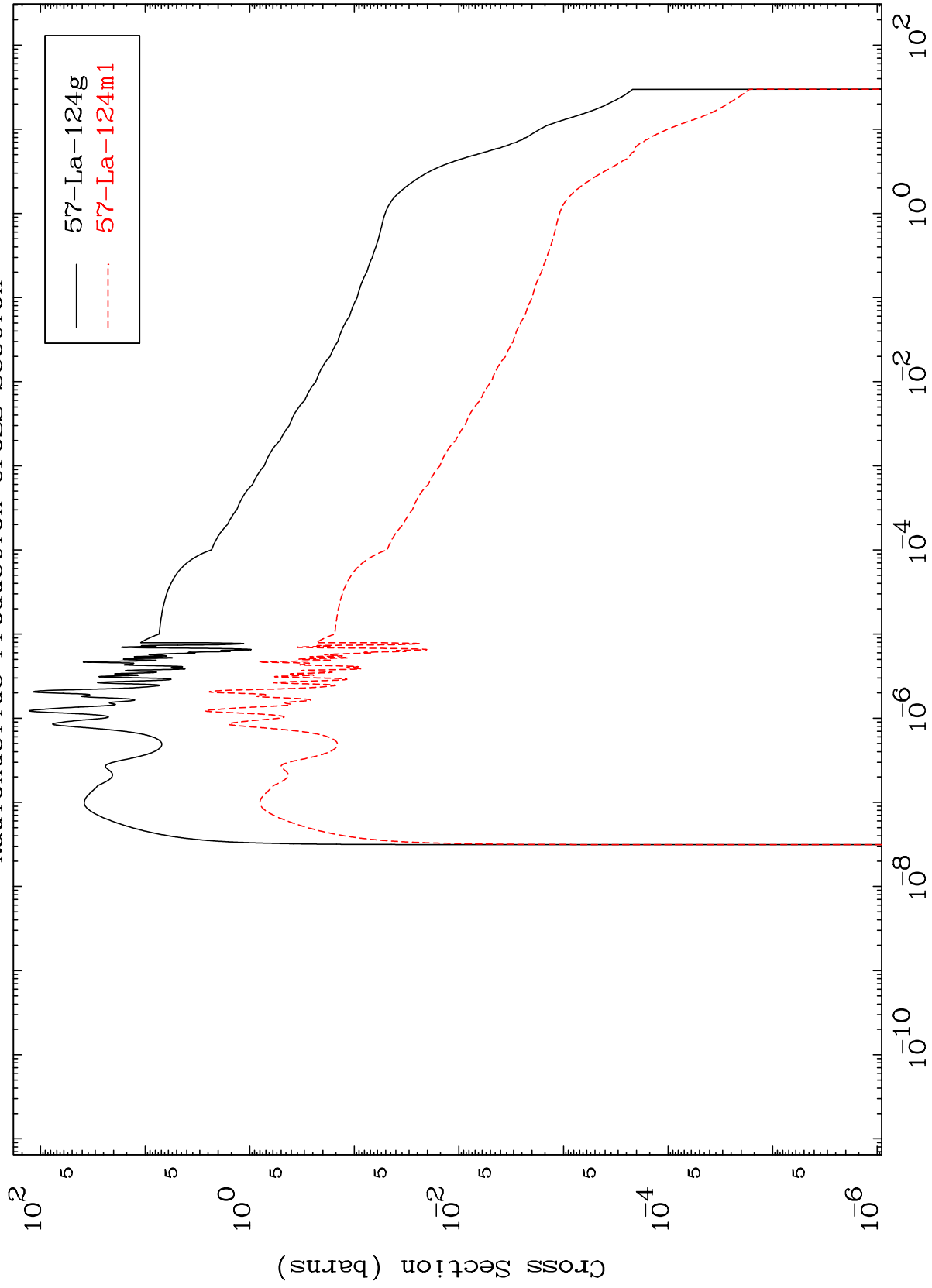
Incident Energy (MeV)

57-La-123

MAT 5680

57-La-123

(n,γ)
Radionuclide Production Cross Section



26

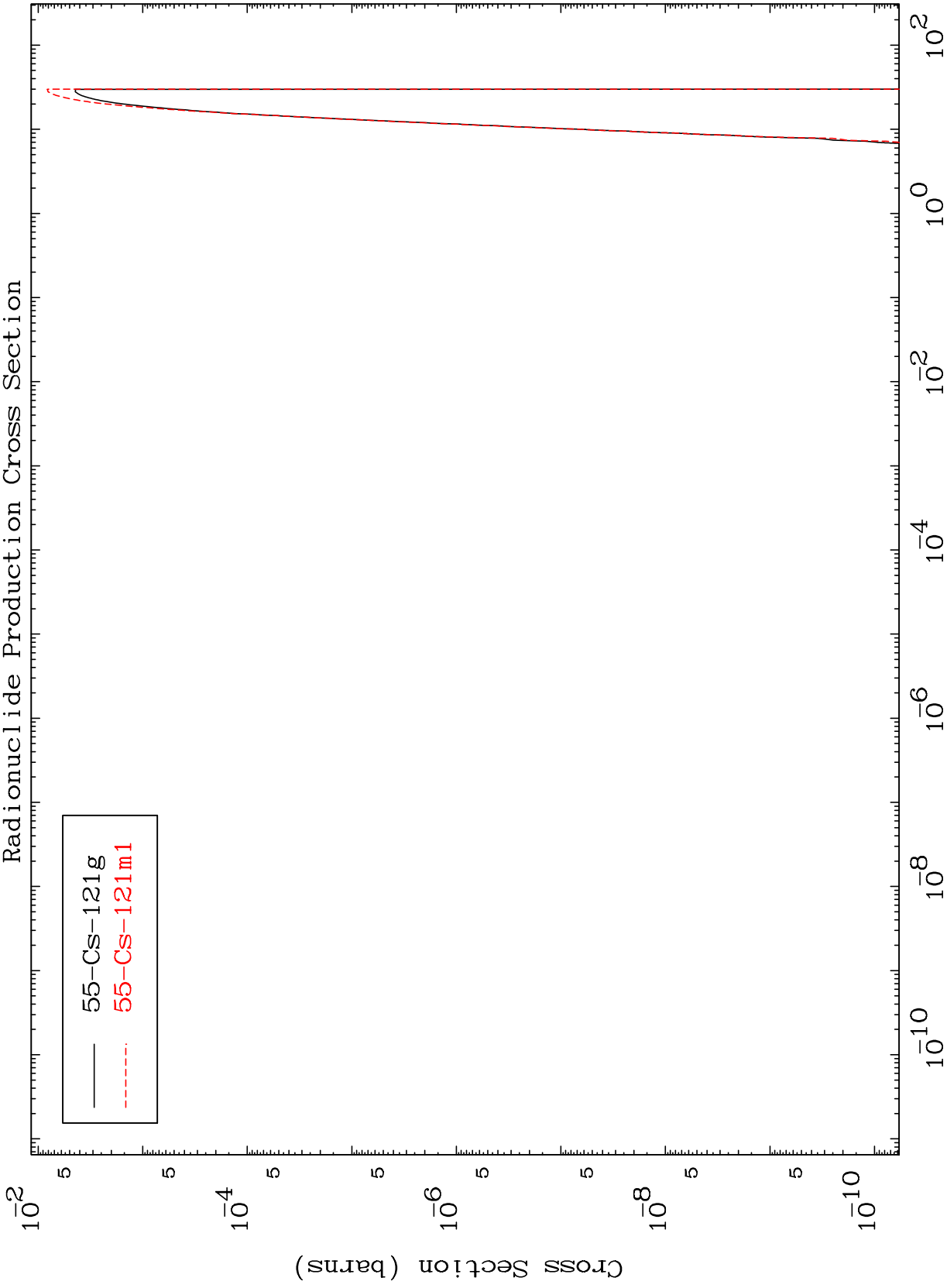
57-La-123

MAT 5680

(n, He-3)

57-La-123

Radionuclide Production Cross Section



27

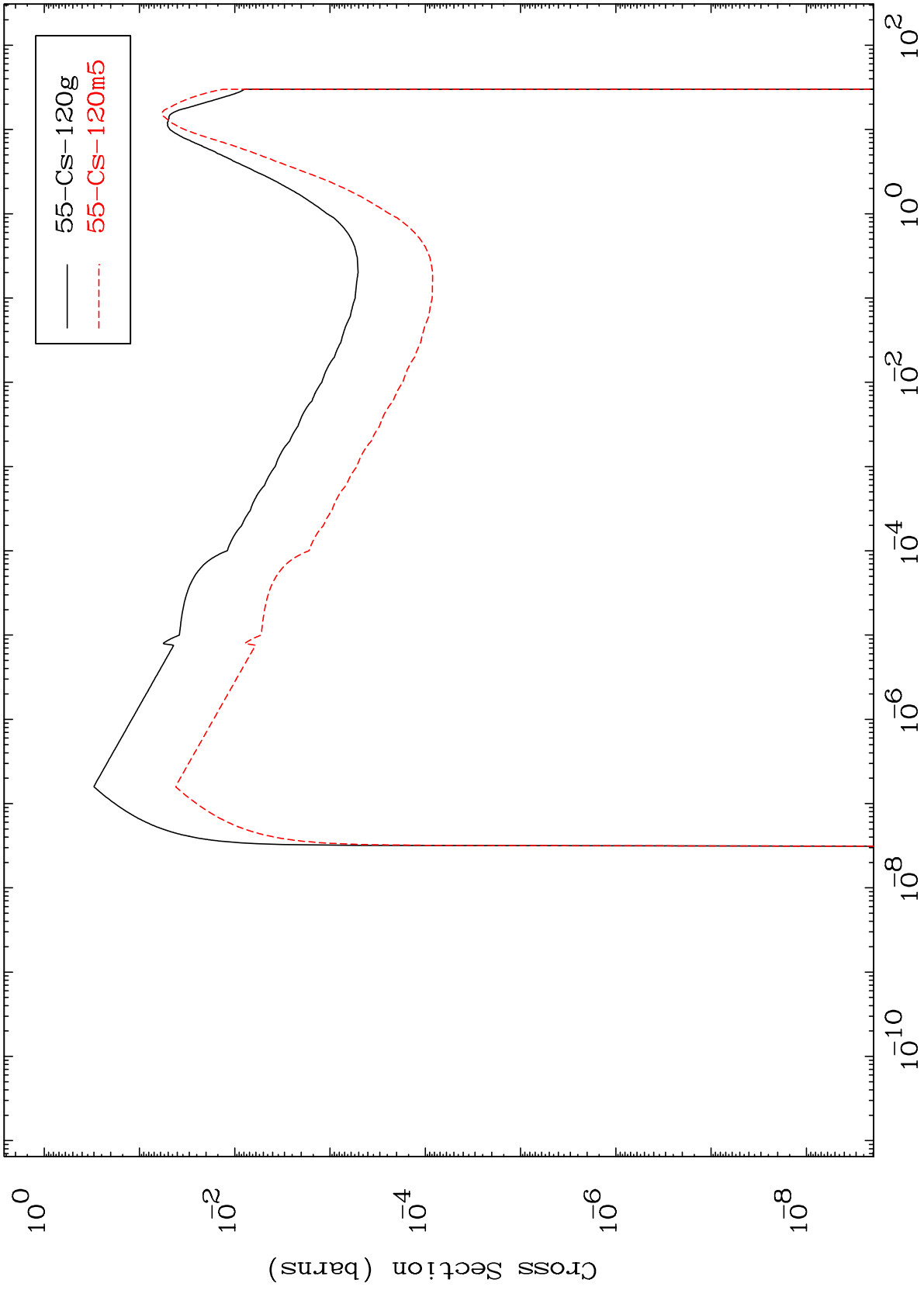
Incident Energy (MeV)

57-La-123

MAT 5680

57-La-123

(n, α)
Radionuclide Production Cross Section



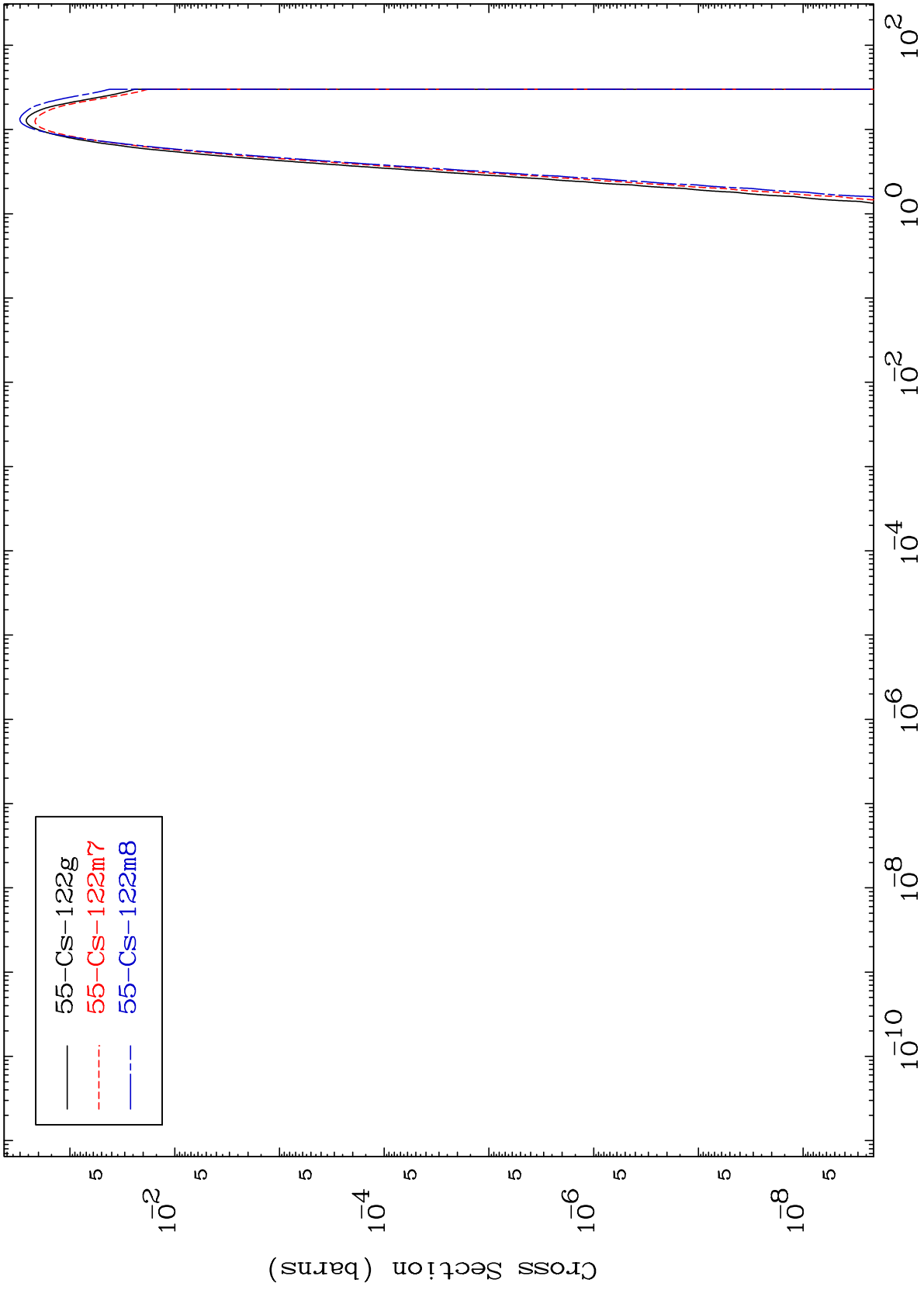
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57-La-123

MAT 5680

(n,2p)
Radionuclide Production Cross Section

57-La-123



29

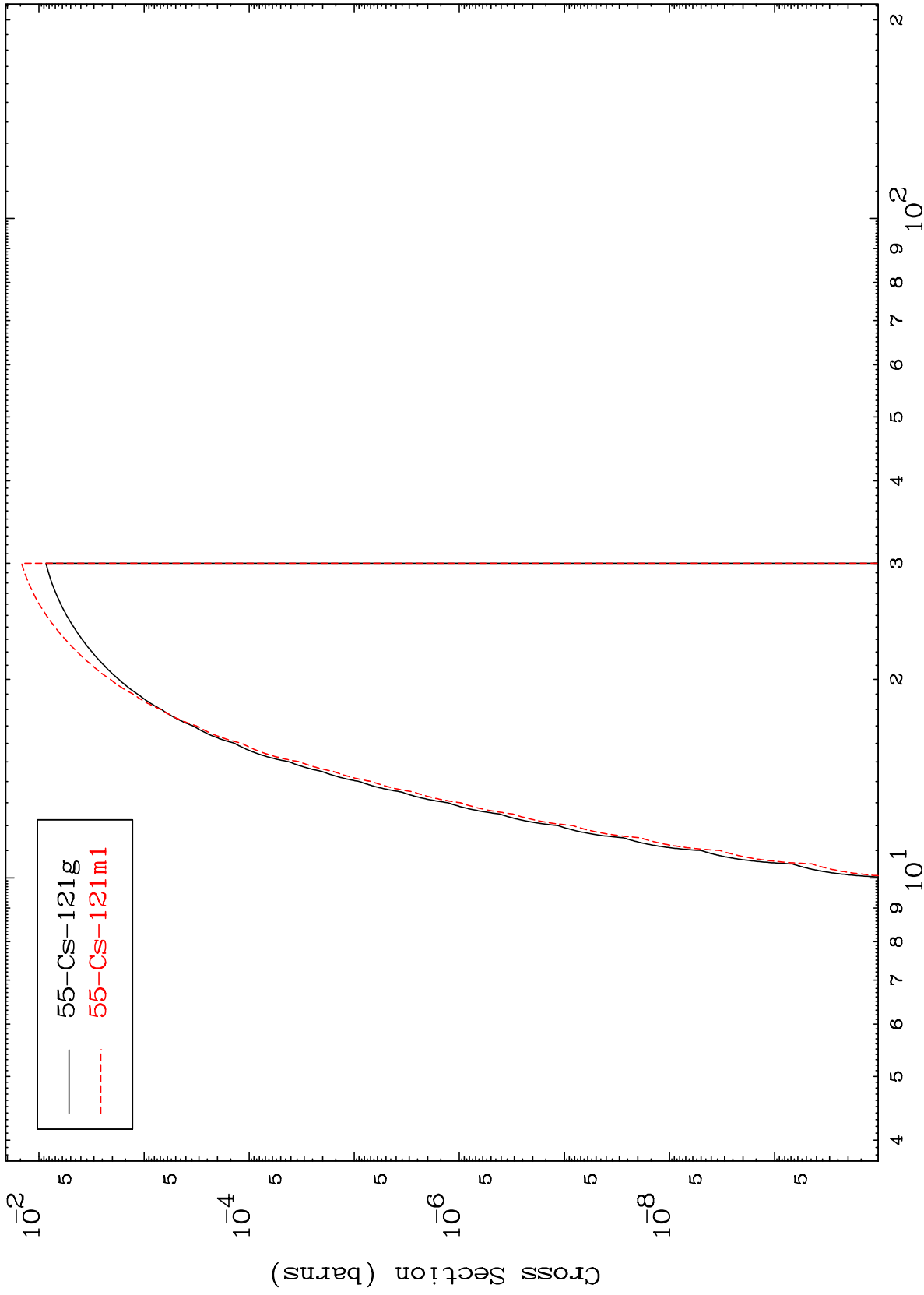
57-La-123

MAT 5680

(n,p) d

57-La-123

Radionuclide Production Cross Section



30

Incident Energy (MeV)

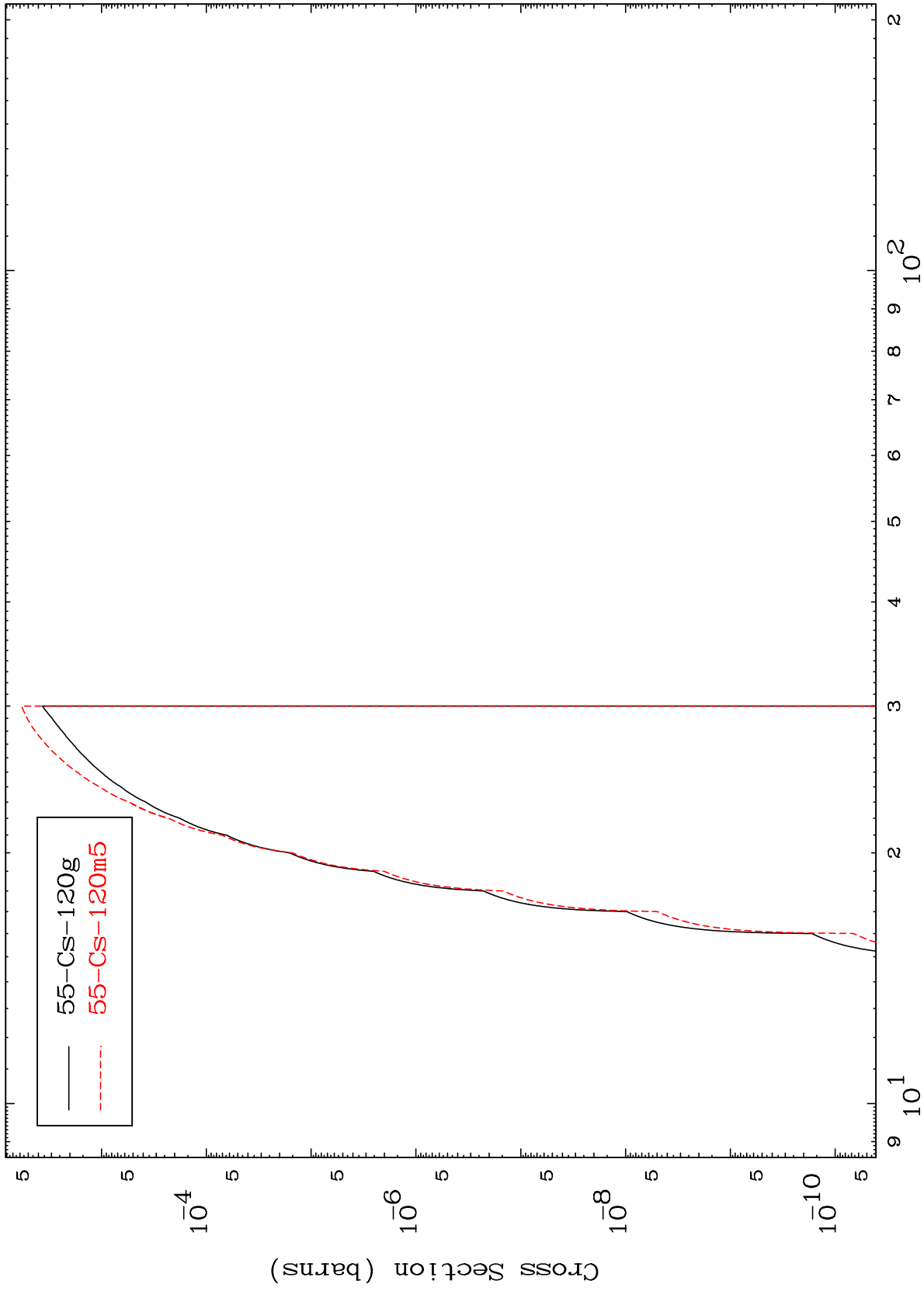
57-La-123

MAT 5680

(n,p) t

57-La-123

Radionuclide Production Cross Section



31

Incident Energy (MeV)

57-La-123