

Program EVALPLOT
(Version 2015-2)

by

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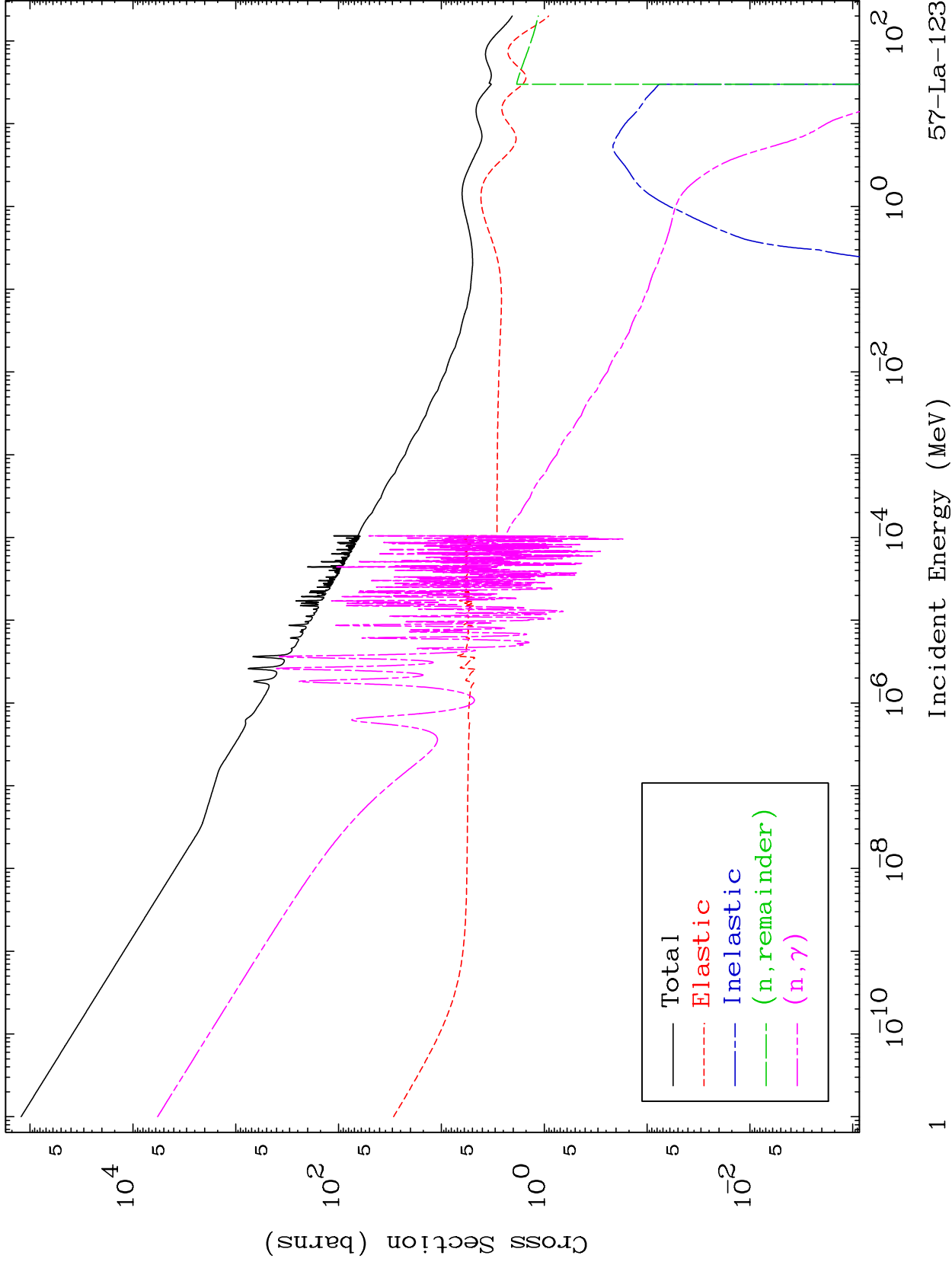
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

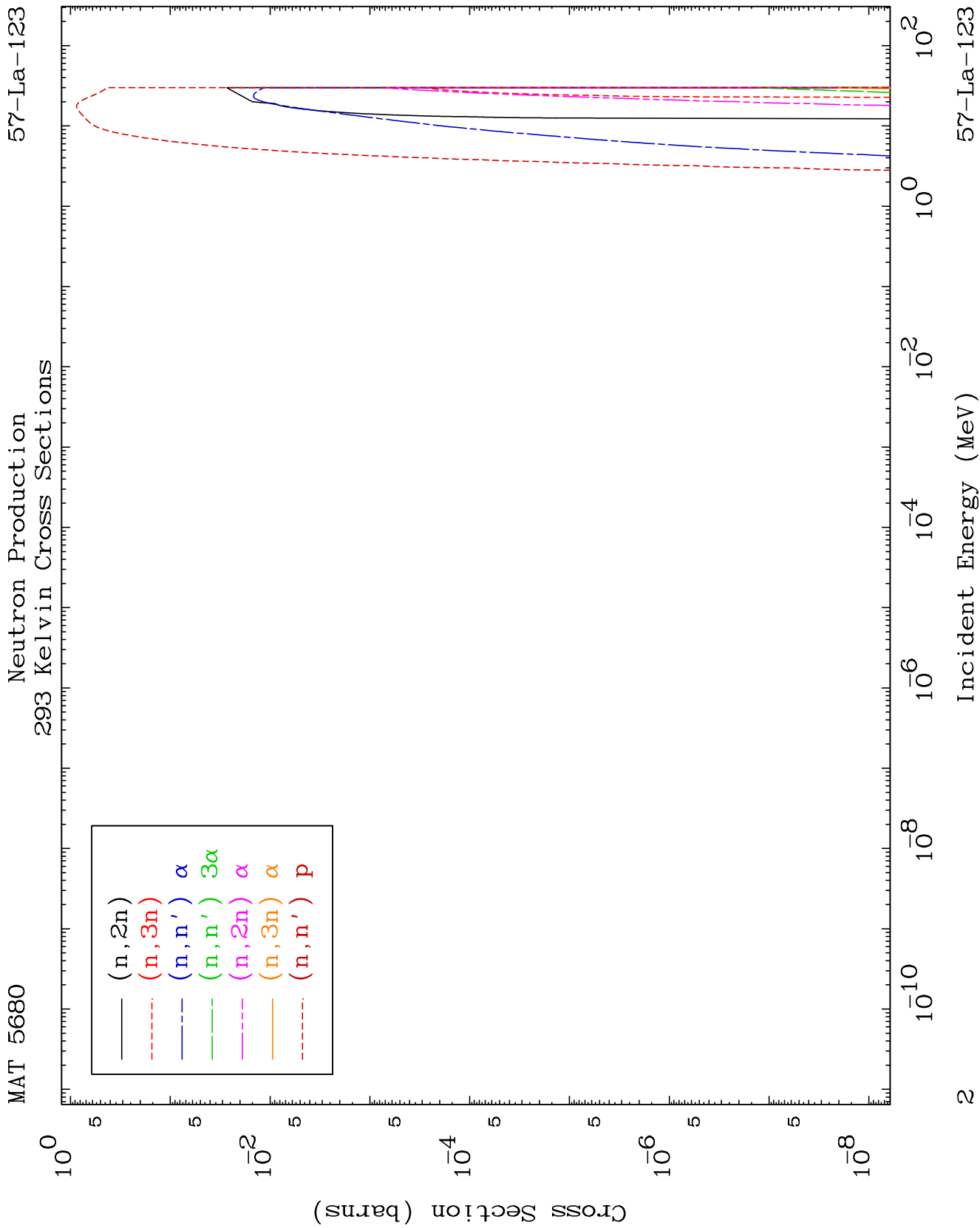
Press Mouse Button to Start

MAT 5680

Major
293 Kelvin Cross Sections

57-La-123

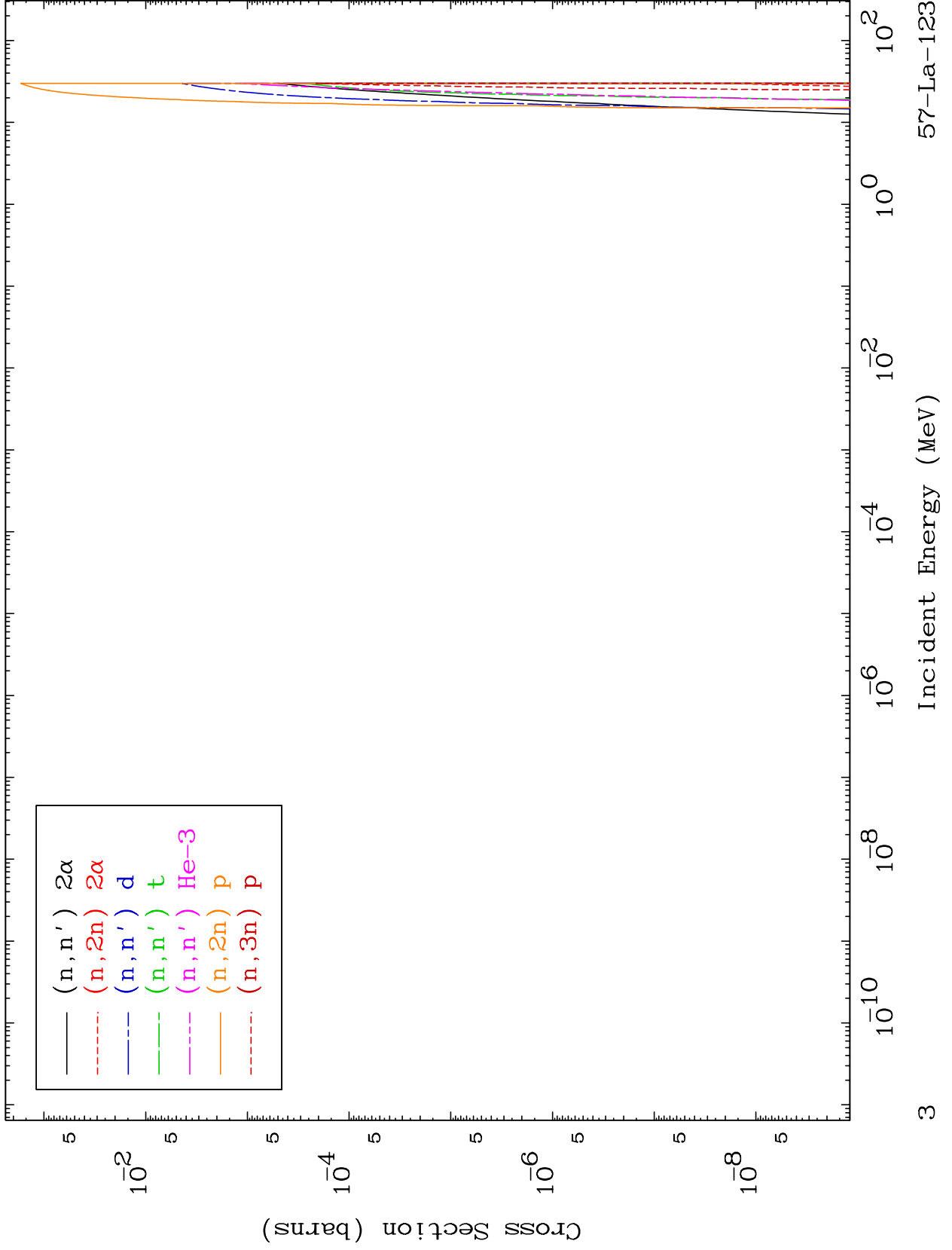




MAT 5680

Neutron Production
293 Kelvin Cross Sections

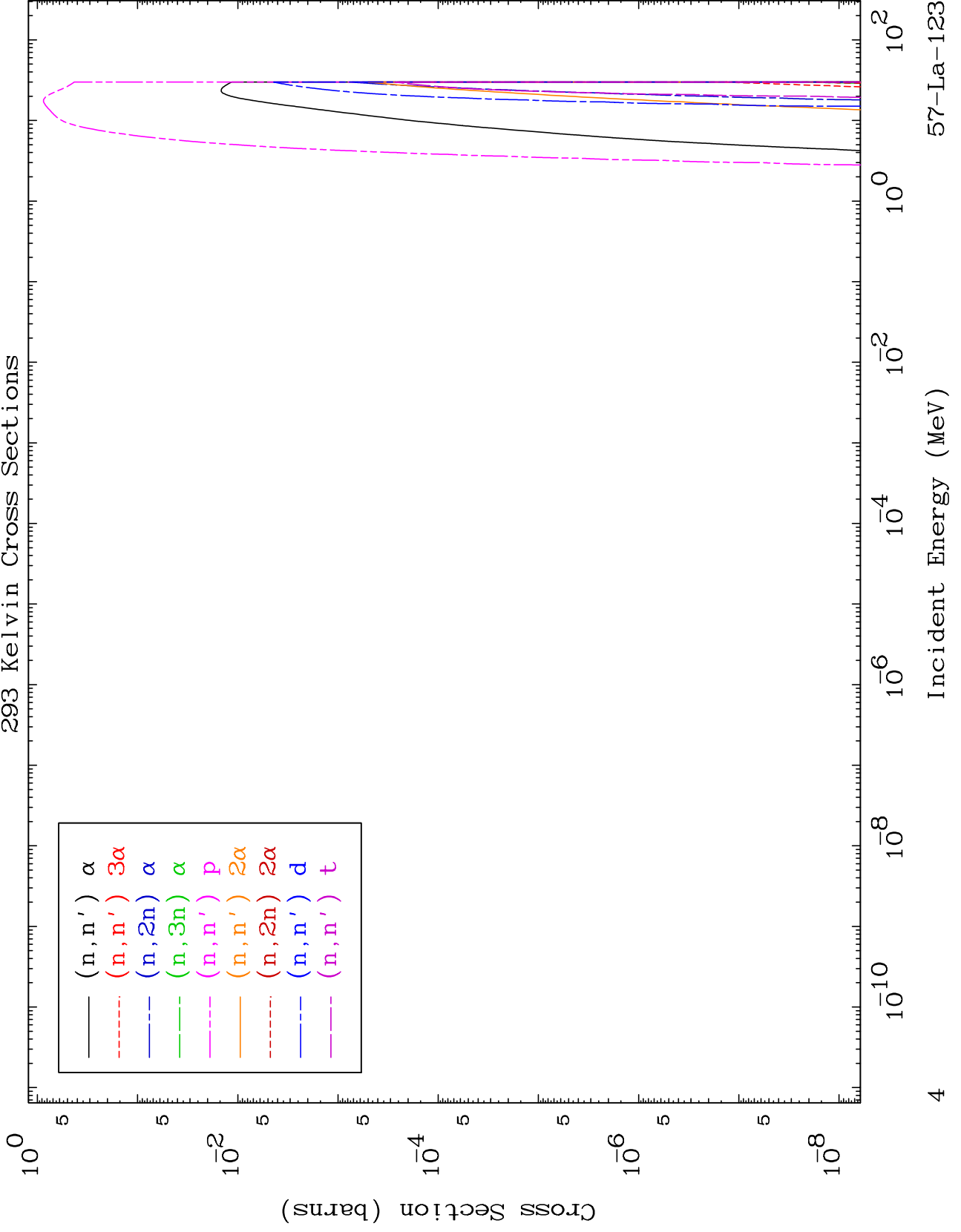
57-La-123



MAT 5680

Charged Particle
293 Kelvin Cross Sections

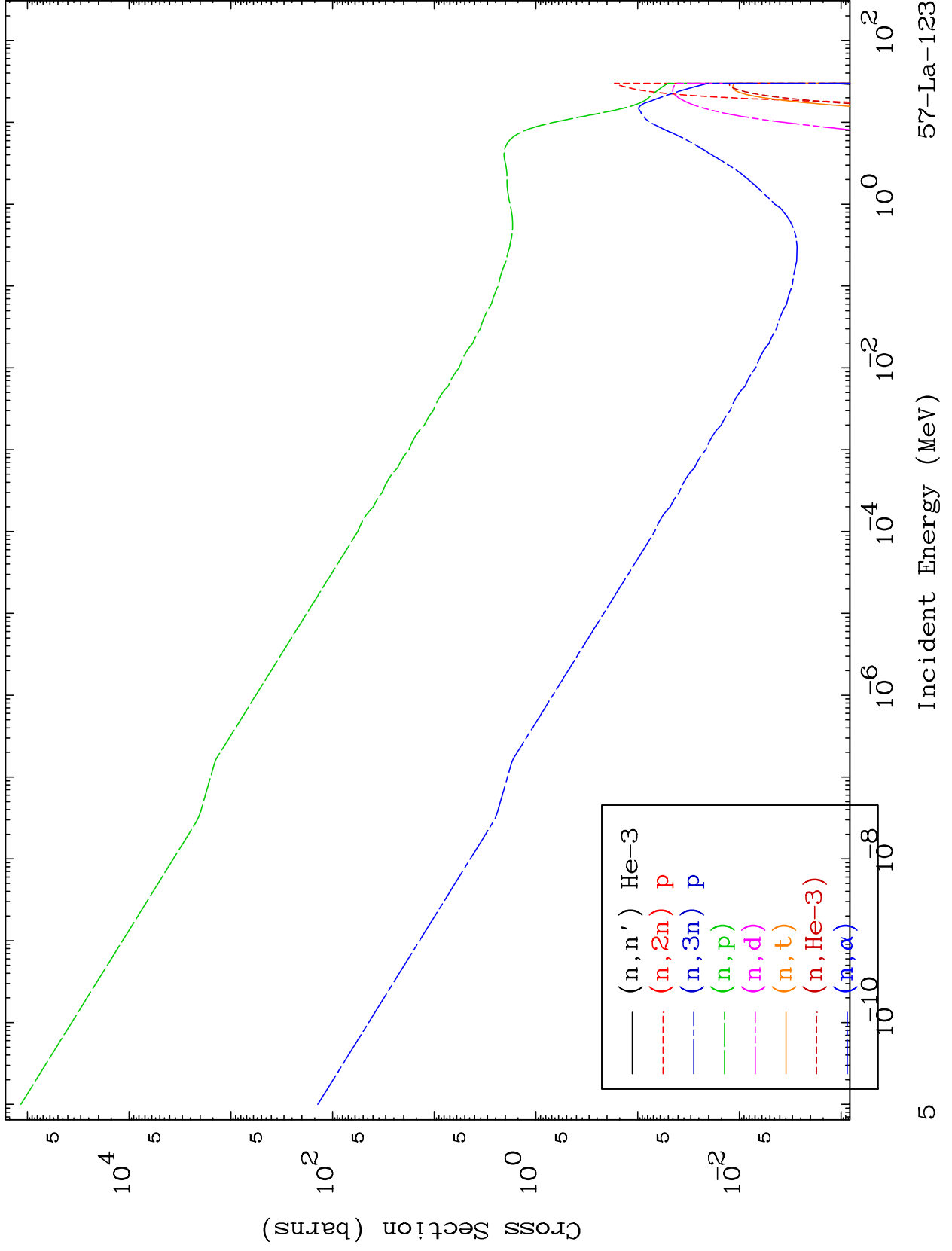
57-La-123



MAT 5680

Charged Particle
293 Kelvin Cross Sections

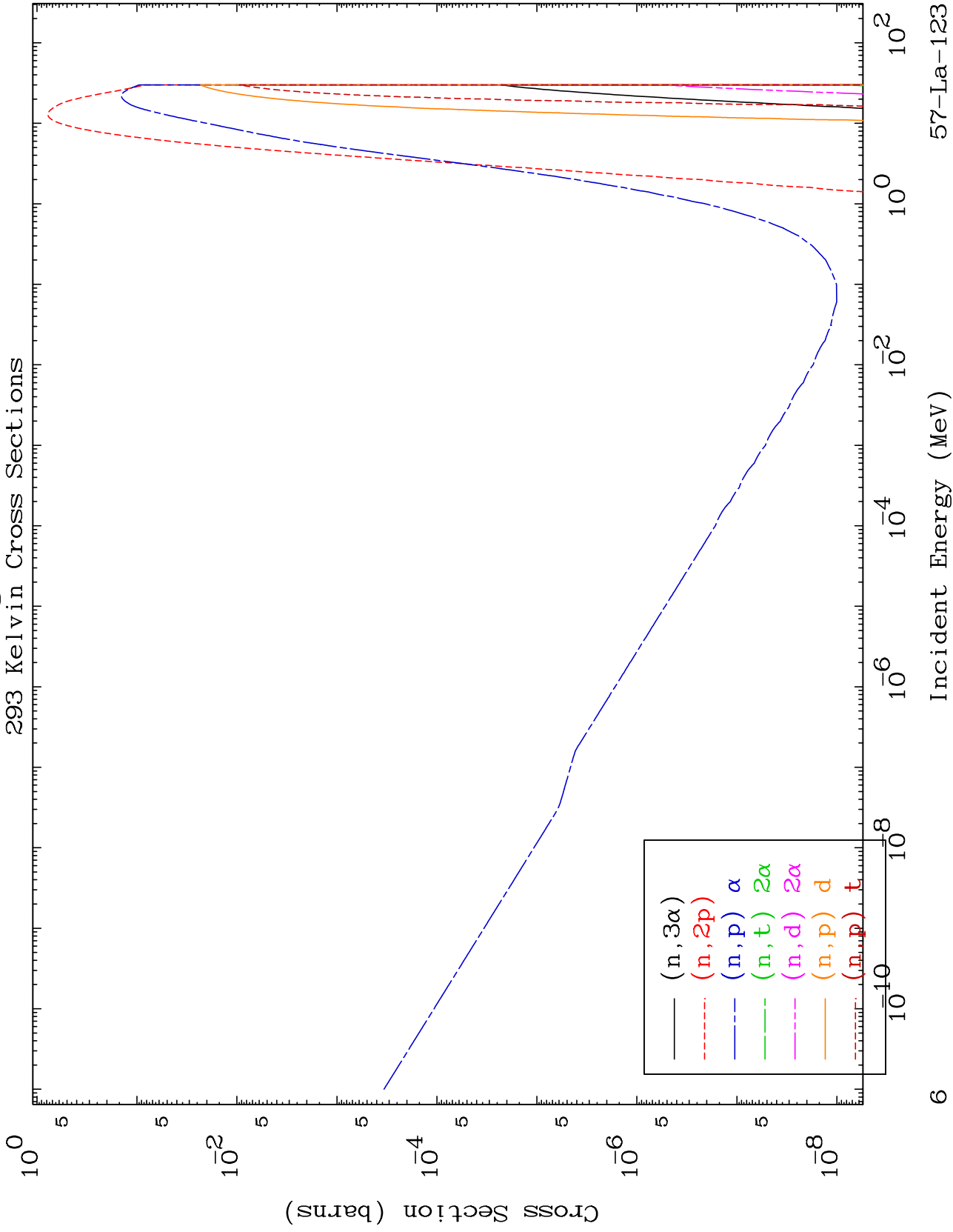
57-La-123



MAT 5680

Charged Particle
293 Kelvin Cross Sections

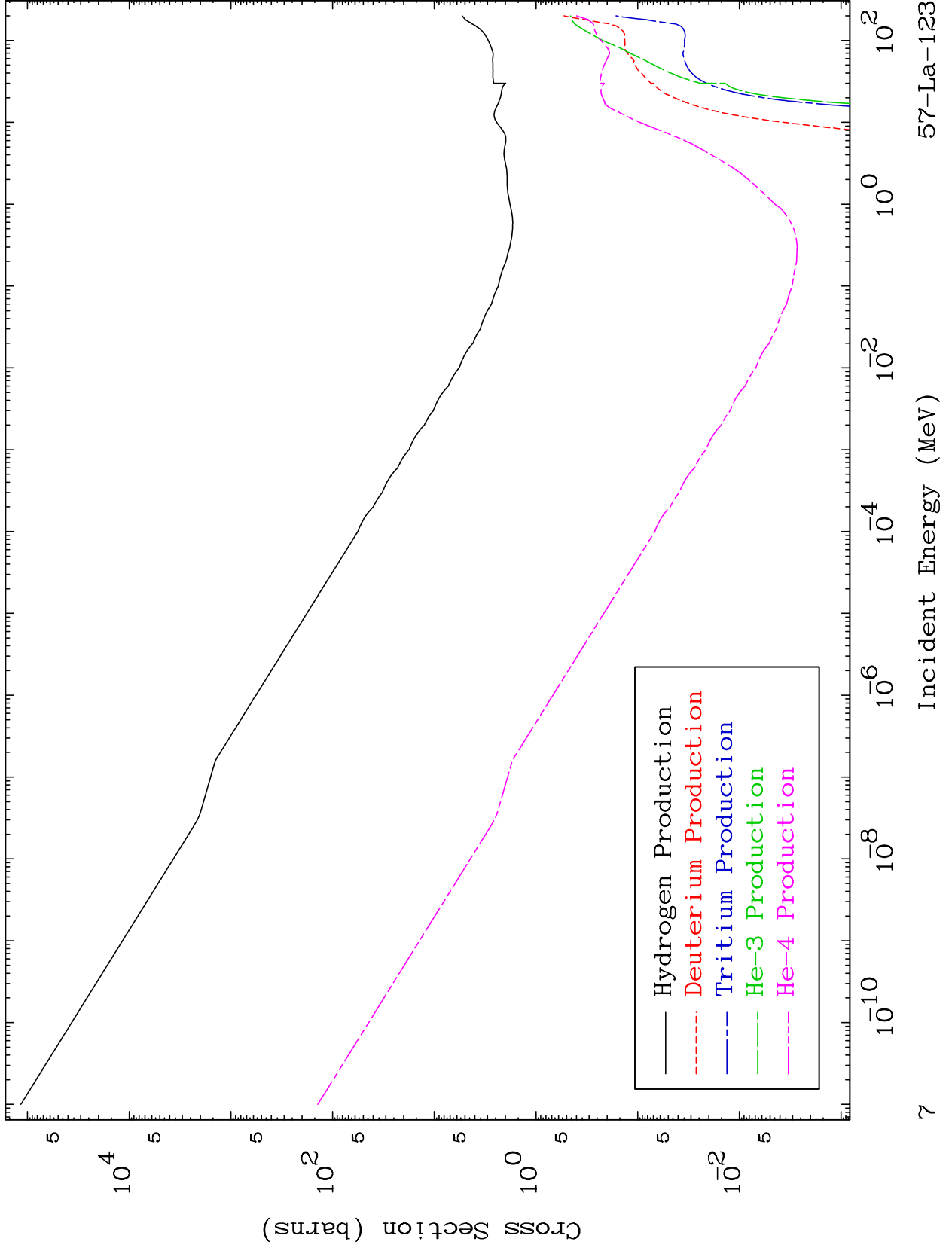
57-La-123



MAT 5680

Particle Production
293 Kelvin Cross Sections

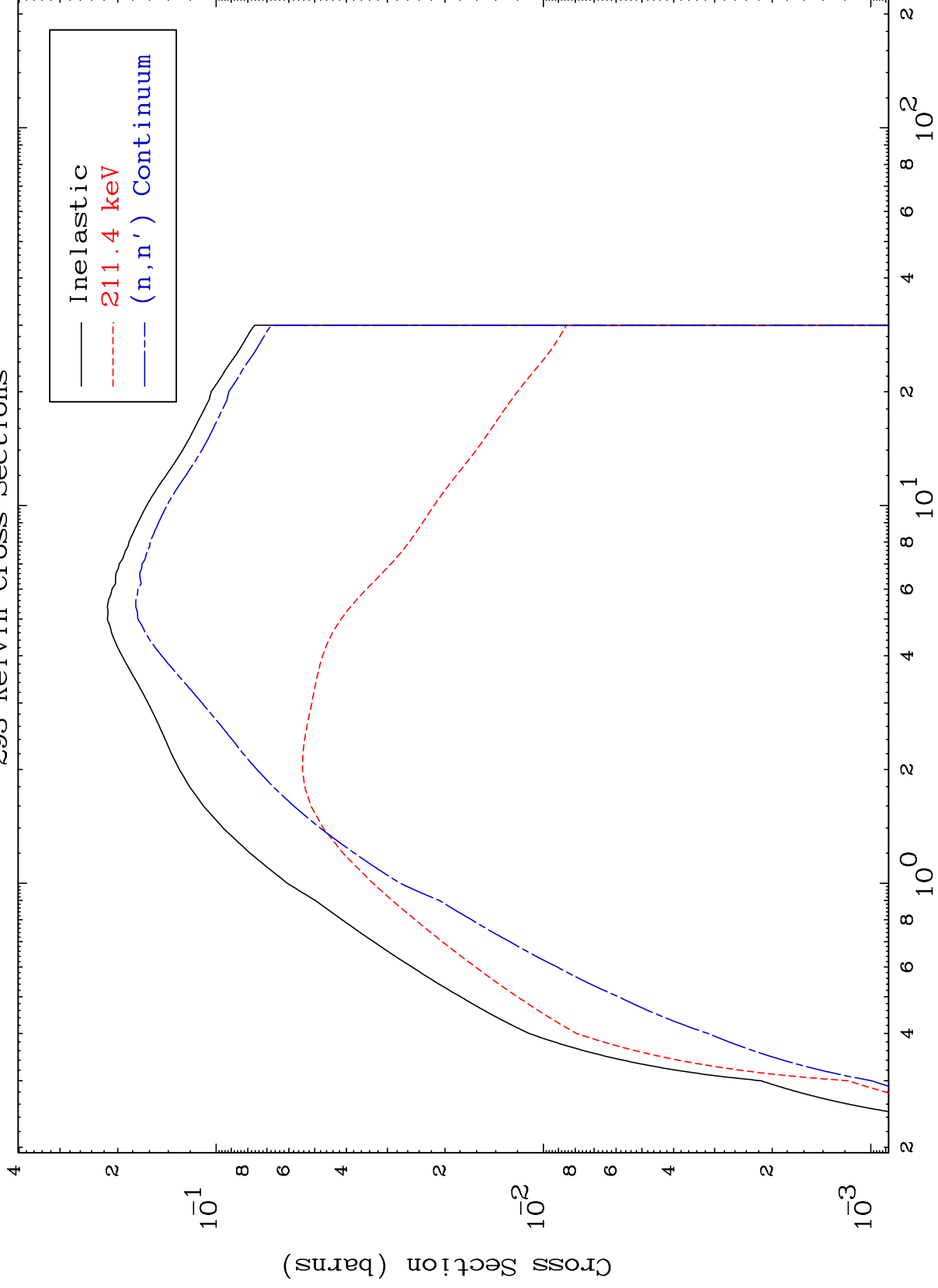
57-La-123



MAT 5680

(n,n') Level
293 Kelvin Cross Sections

57-La-123



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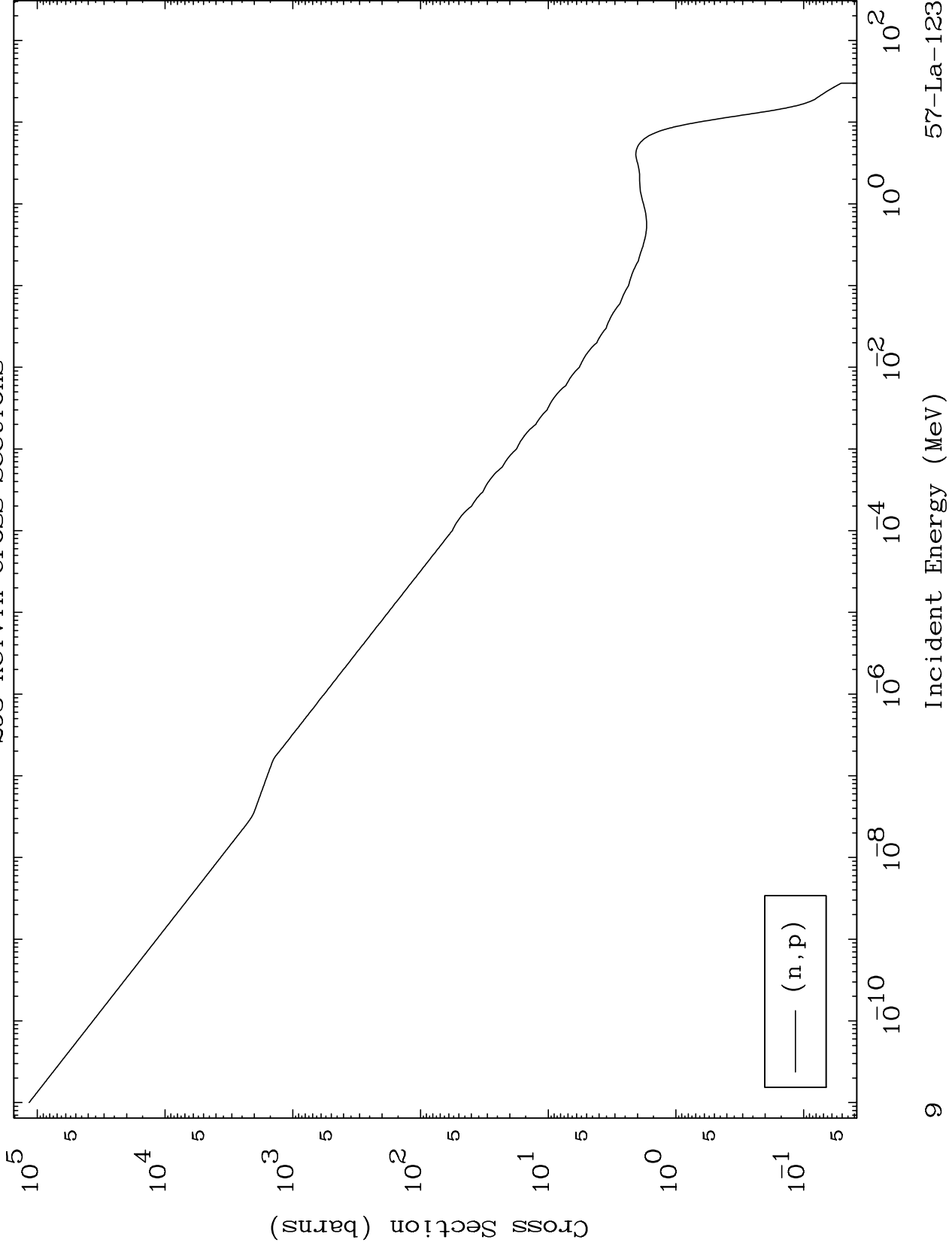
Incident Energy (MeV)

57-La-123

MAT 5680

(n,p) Levels
293 Kelvin Cross Sections

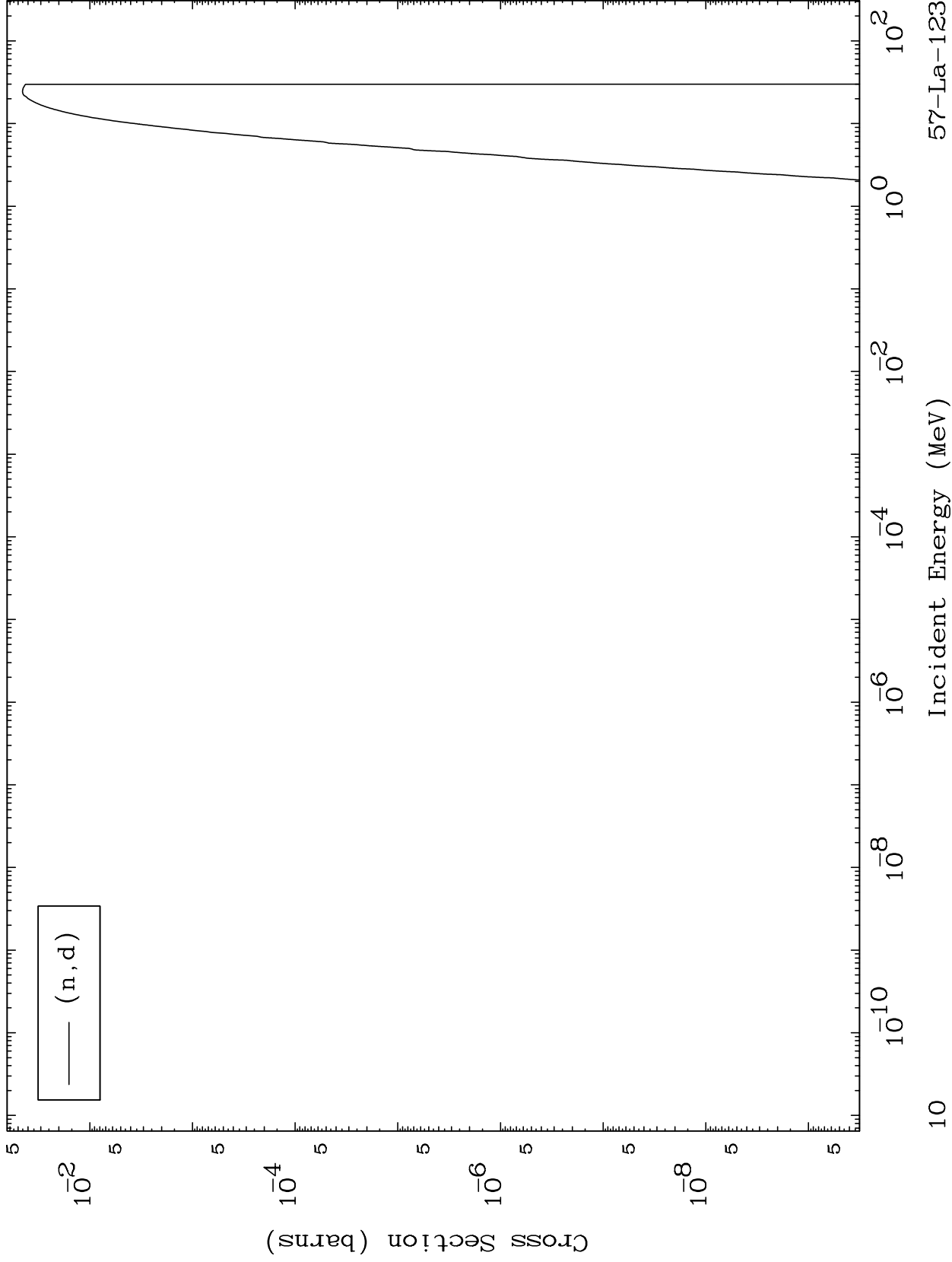
57-La-123



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(n,d) Levels
293 Kelvin Cross Sections

57-La-123



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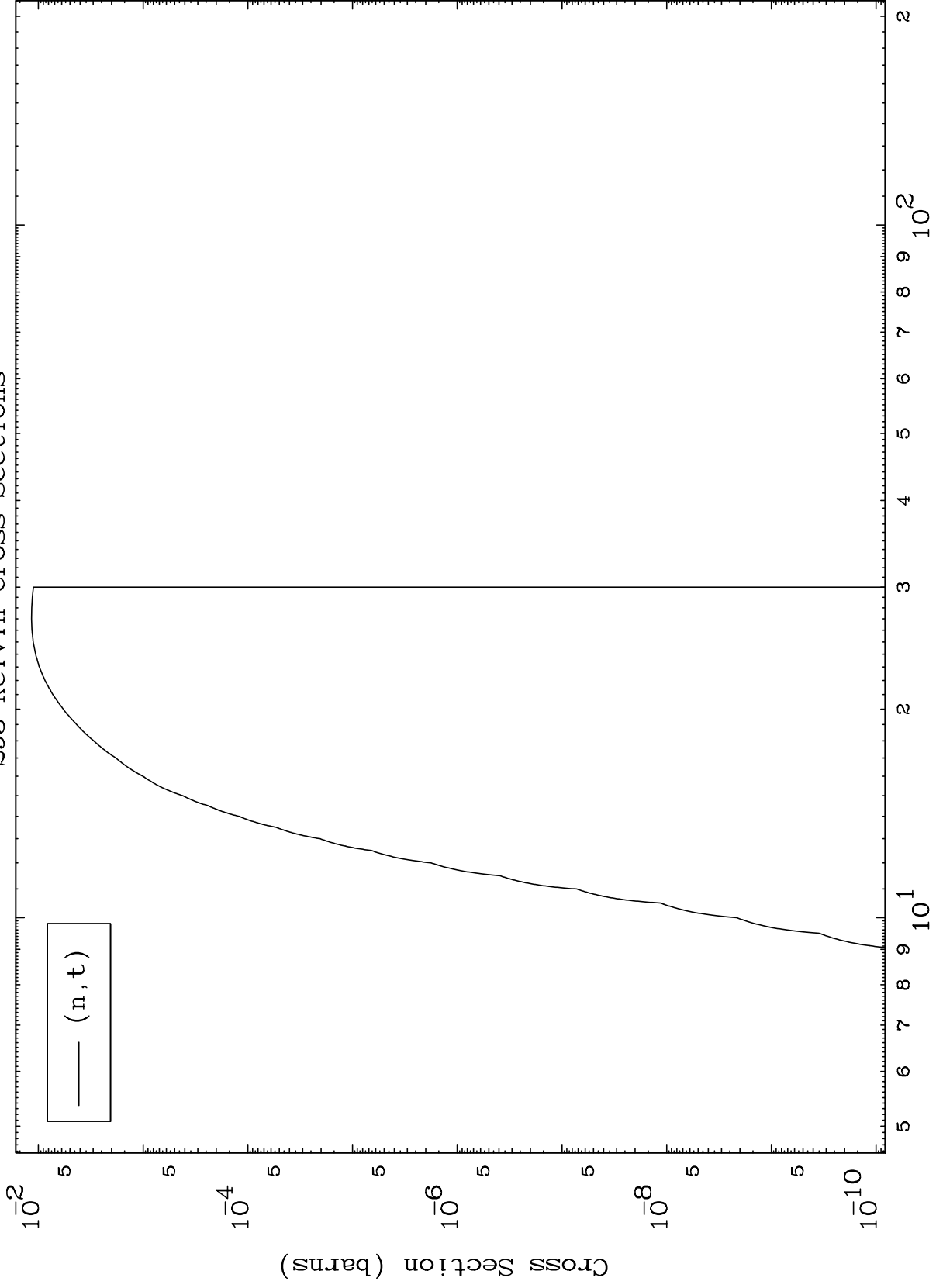
Incident Energy (MeV)

57-La-123

MAT 5680

(n,t) Levels
293 Kelvin Cross Sections

57-La-123



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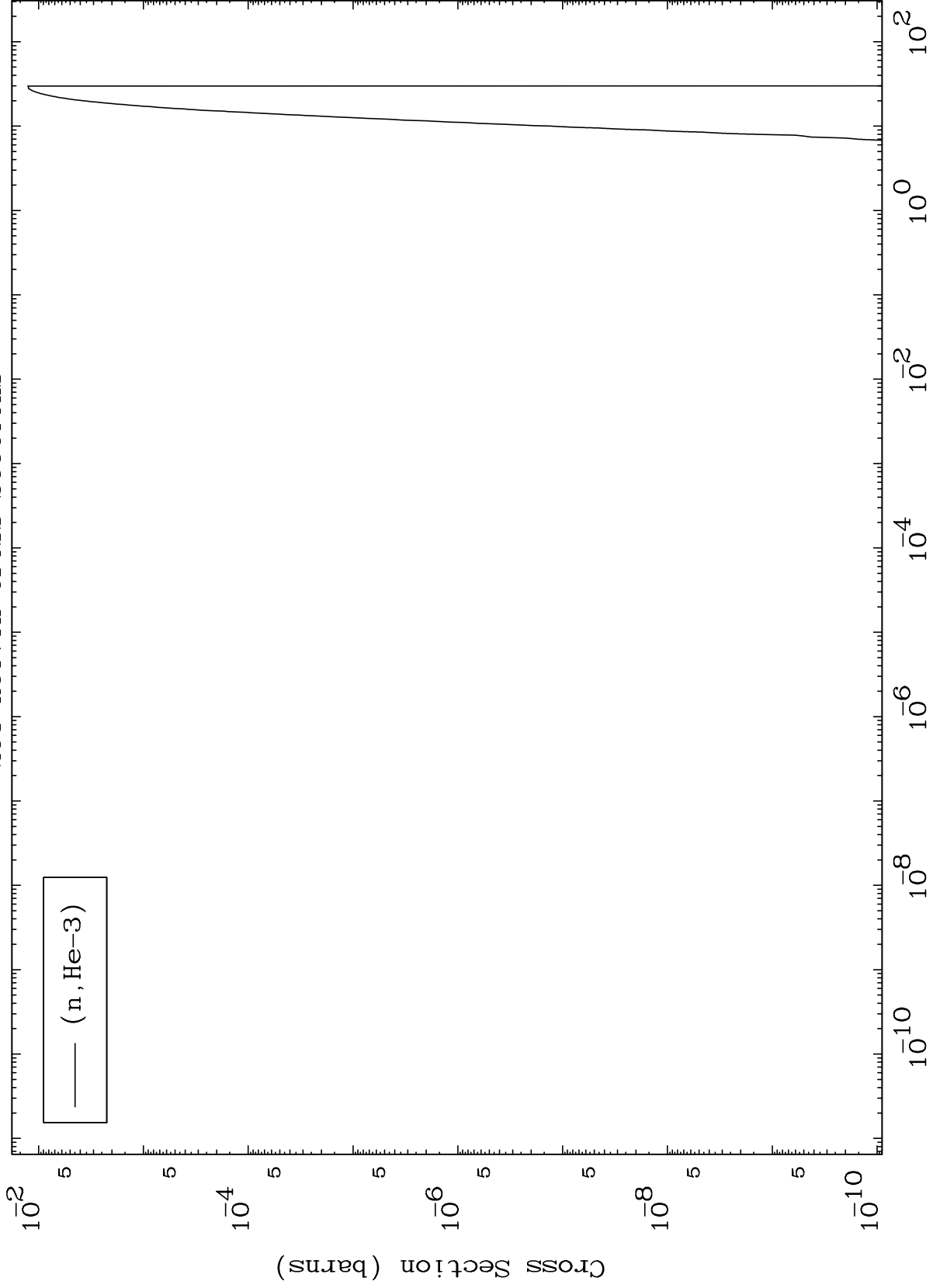
Incident Energy (MeV)

57-La-123

MAT 5680

(n,He3) Levels
293 Kelvin Cross Sections

57-La-123



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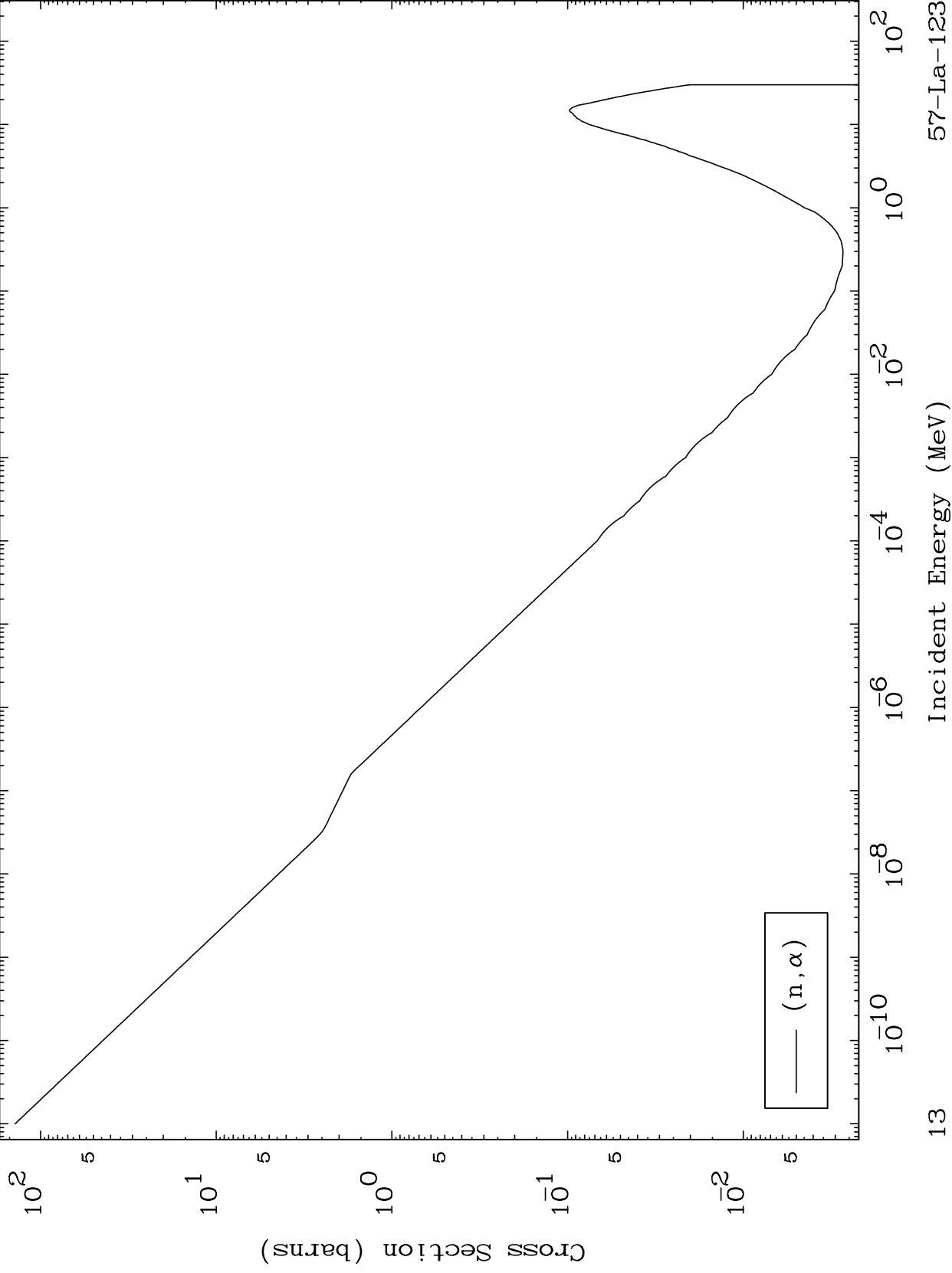
Incident Energy (MeV)

57-La-123

MAT 5680

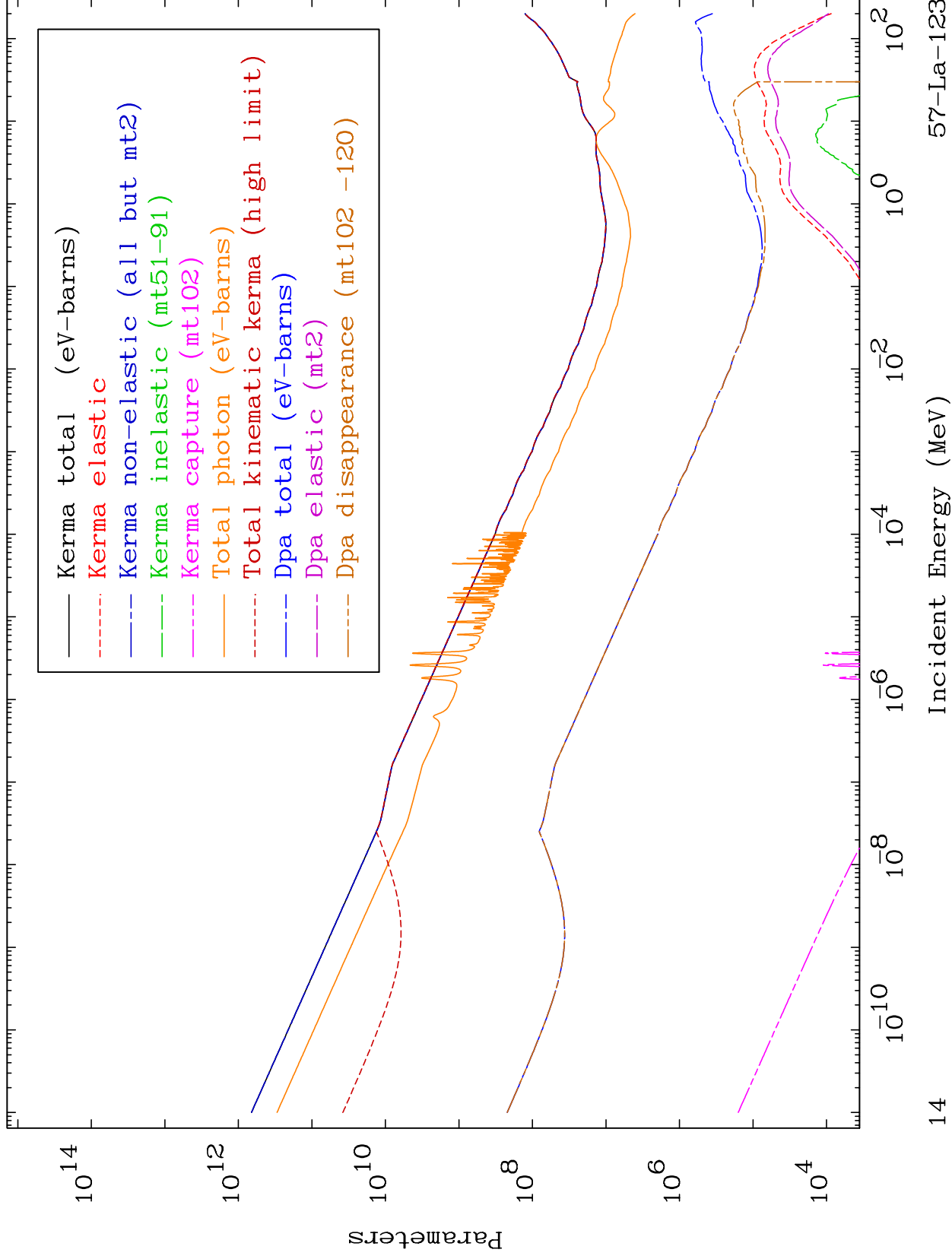
(n, α) Levels
293 Kelvin Cross Sections

57-La-123



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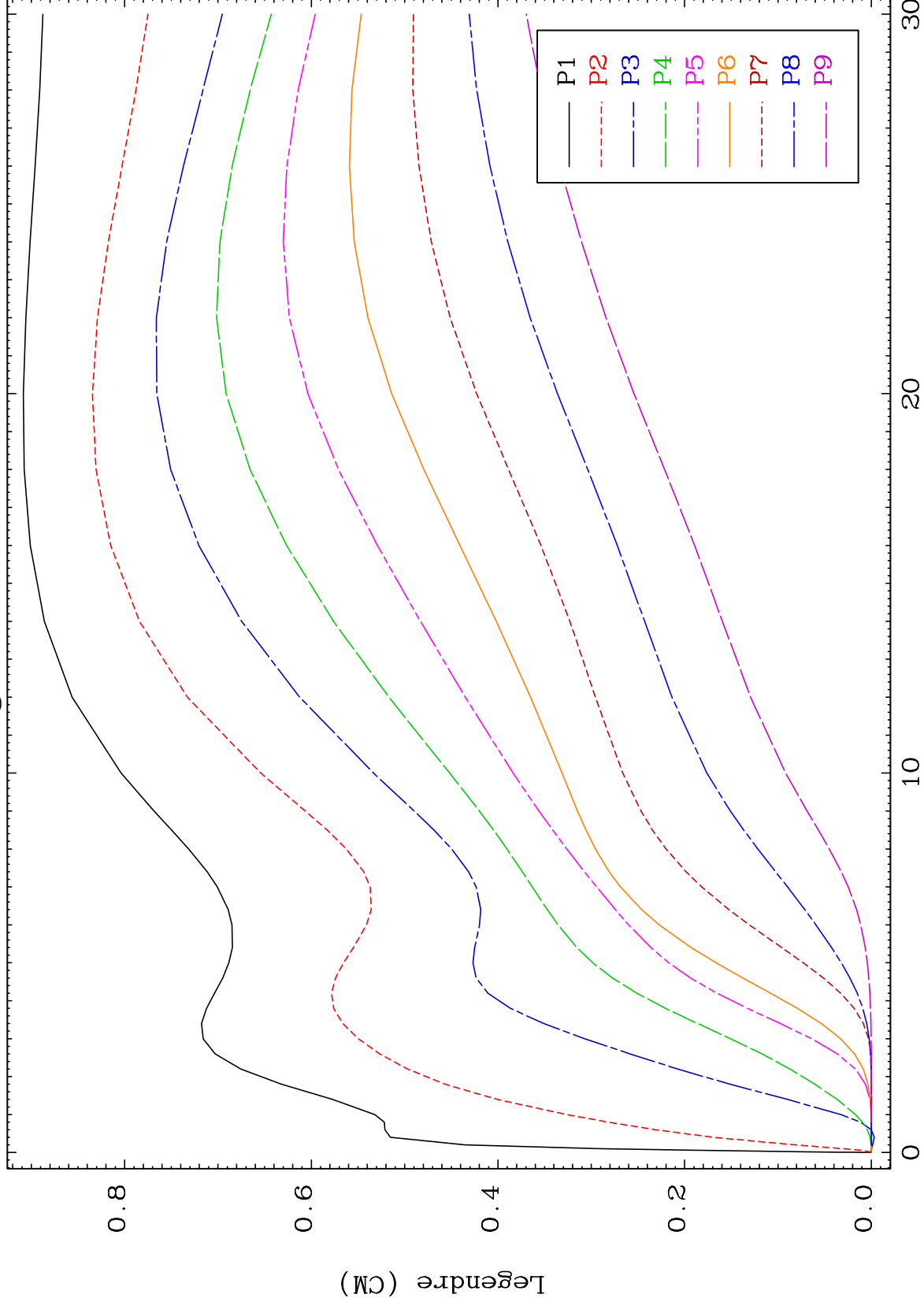
57-La-123



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Elastic Legendre Coefficients

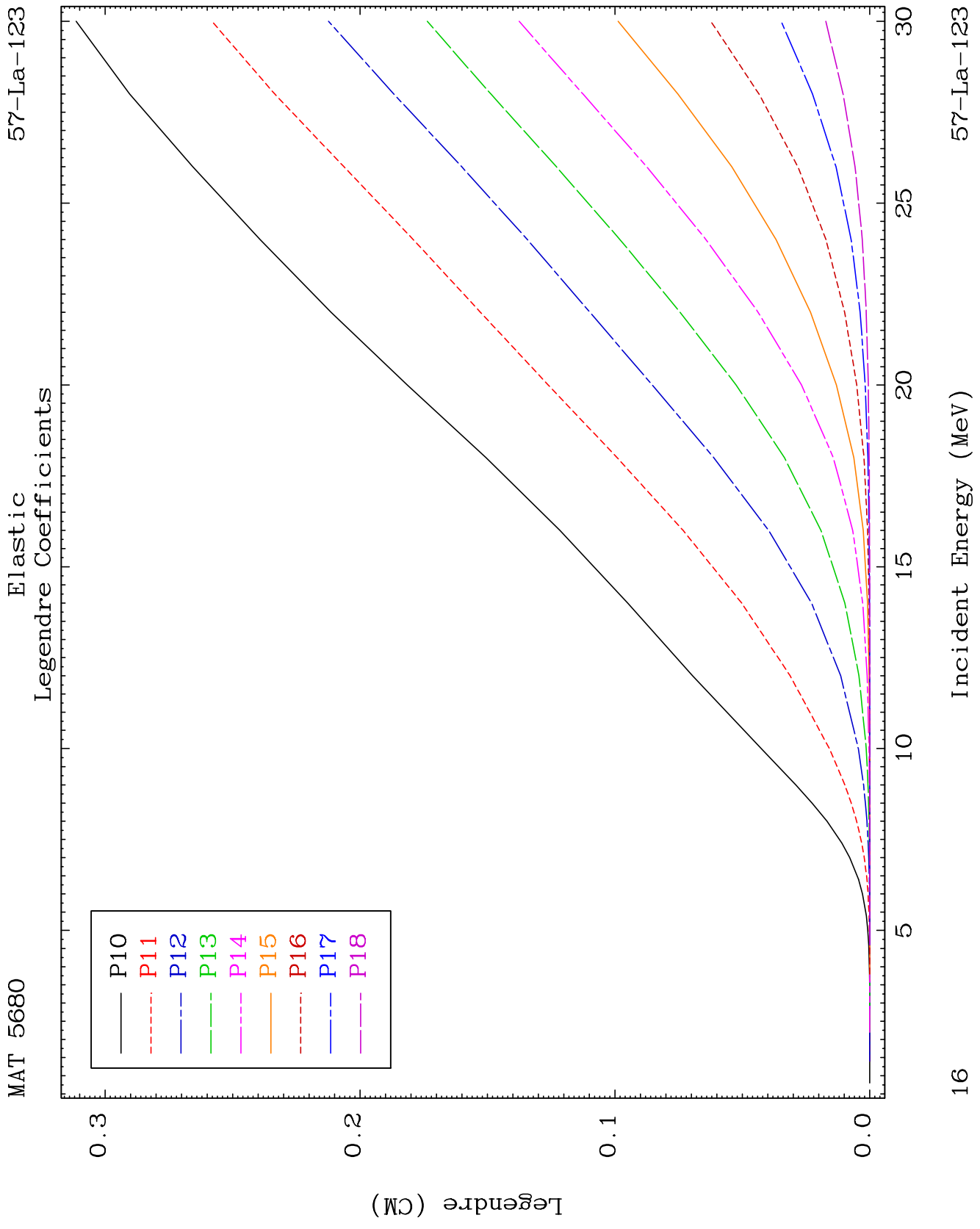
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Incident Energy (MeV)

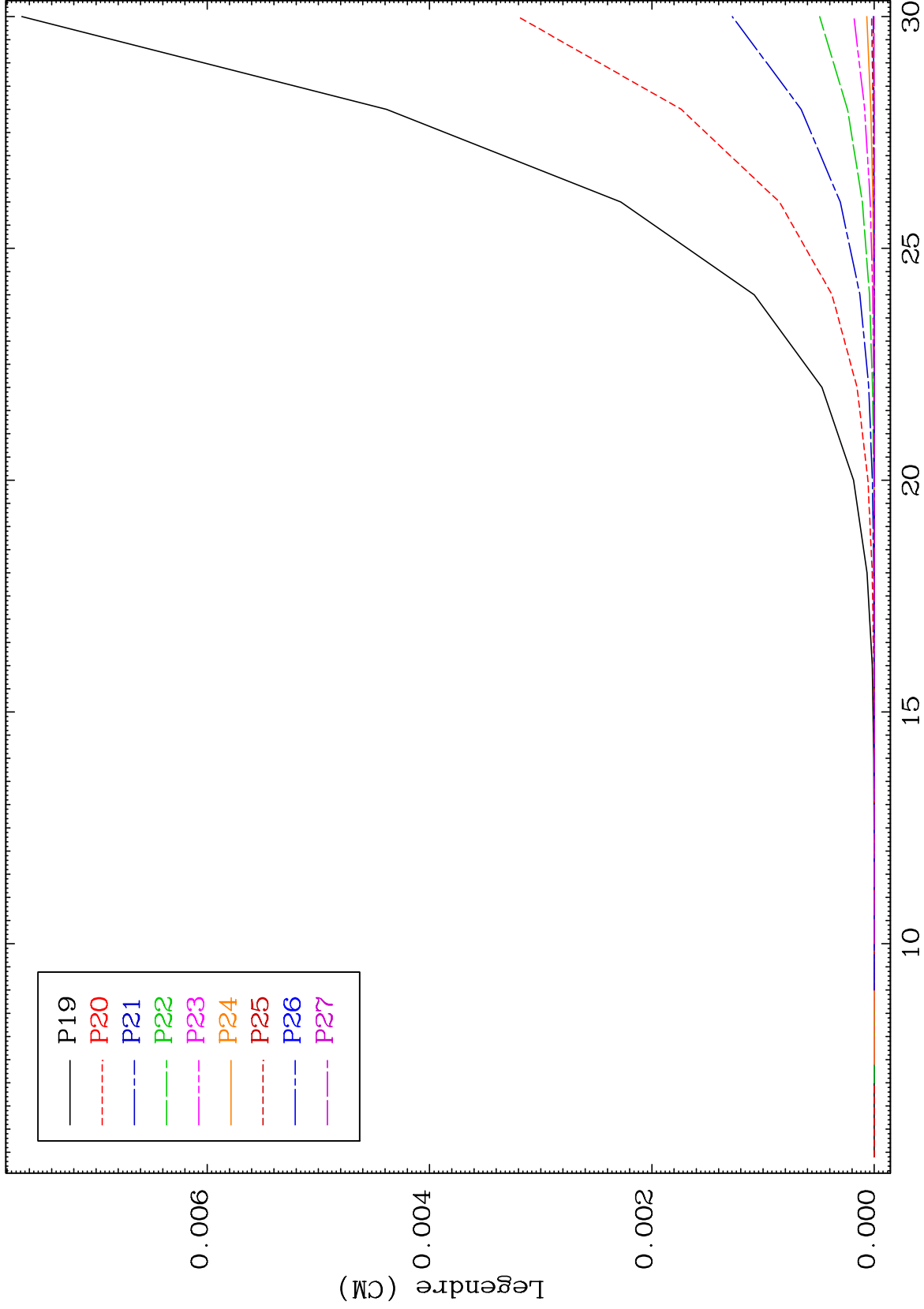
57-La-123



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Elastic Legendre Coefficients

57-La-123



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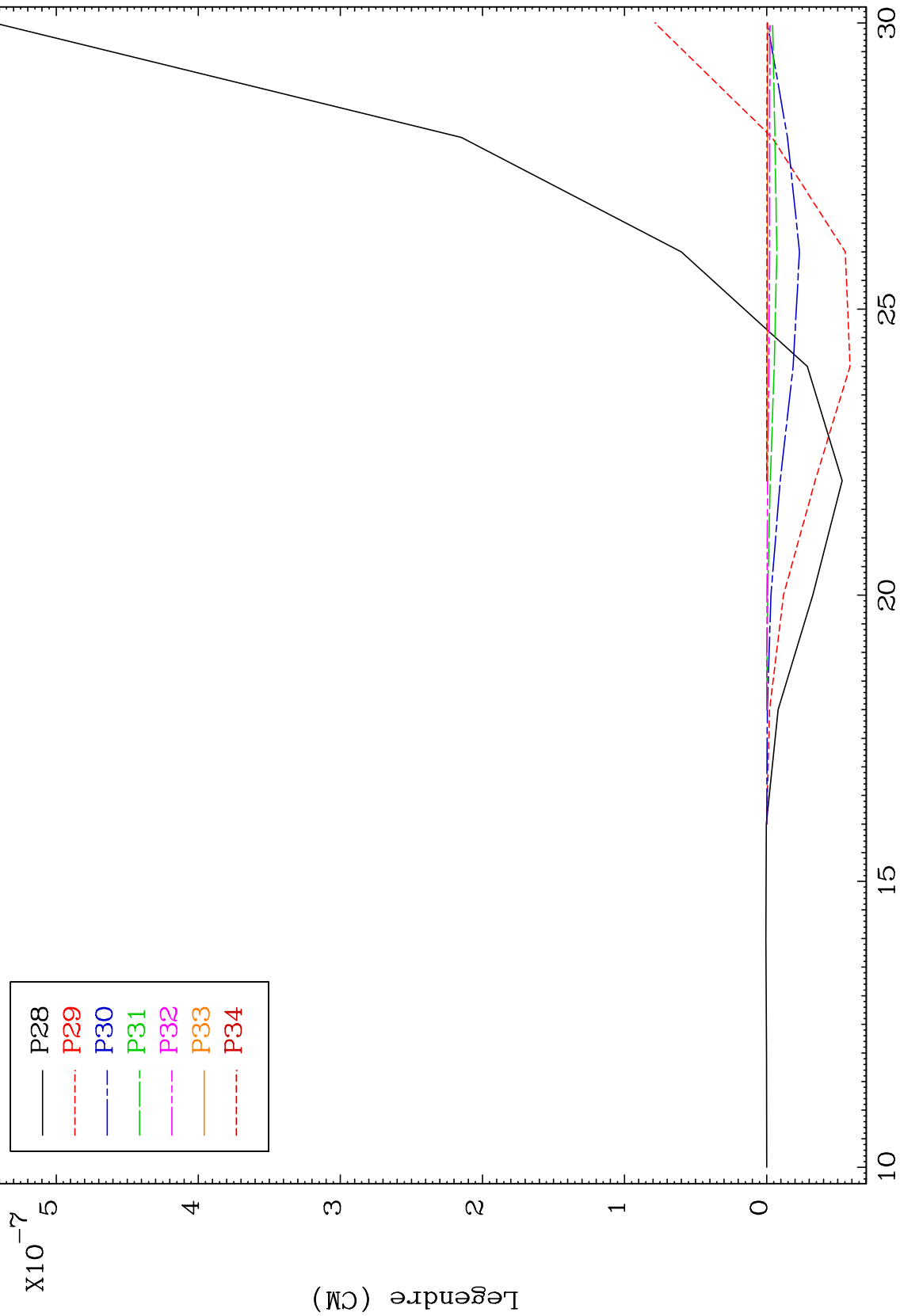
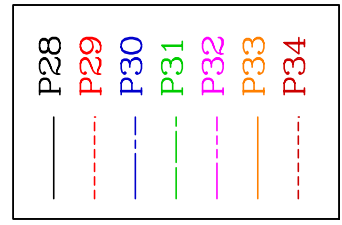
Incident Energy (MeV)

57-La-123

MAT 5680

Elastic Legendre Coefficients

57-La-123



57-La-123

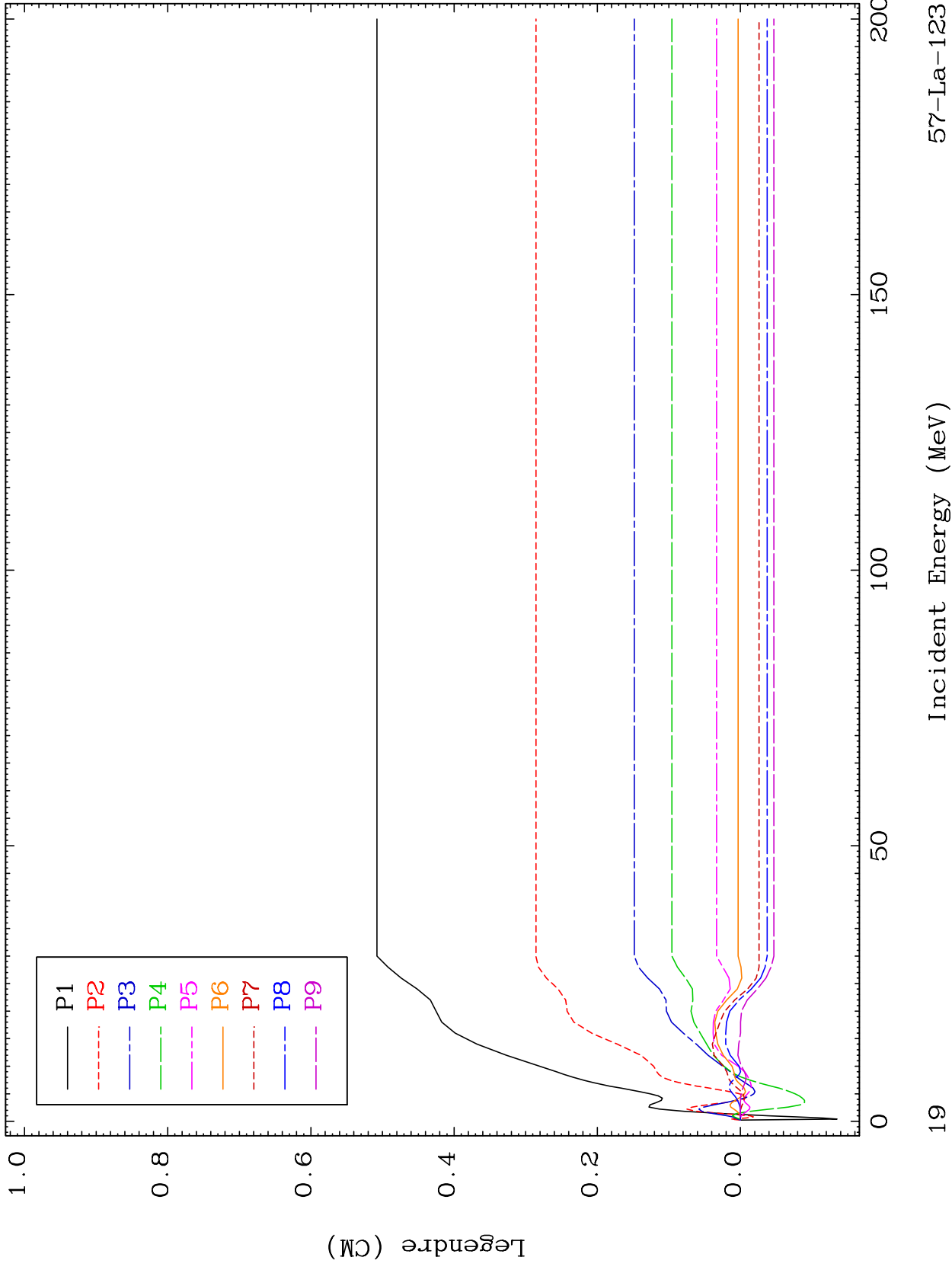
Incident Energy (MeV)

18

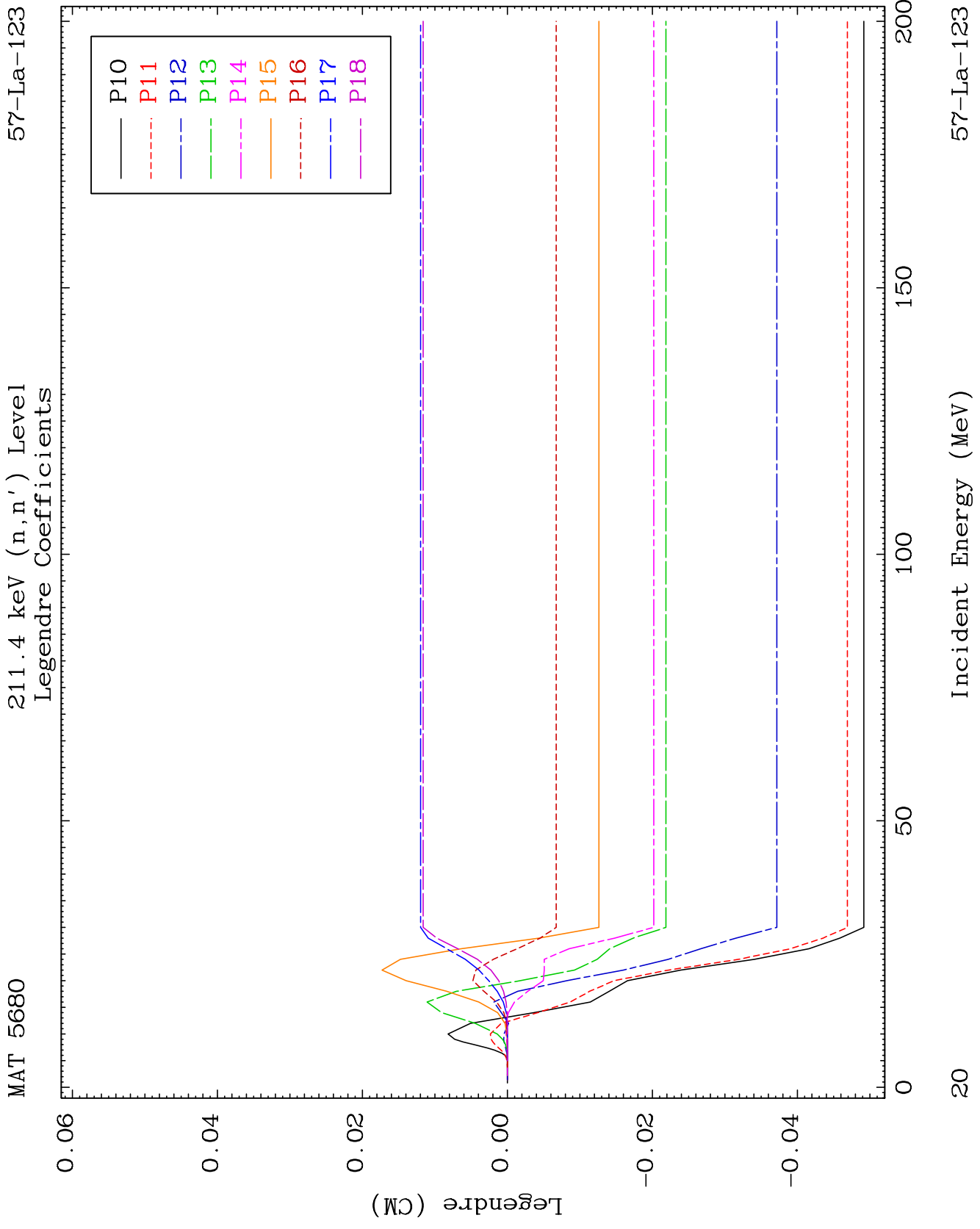
MAT 5680

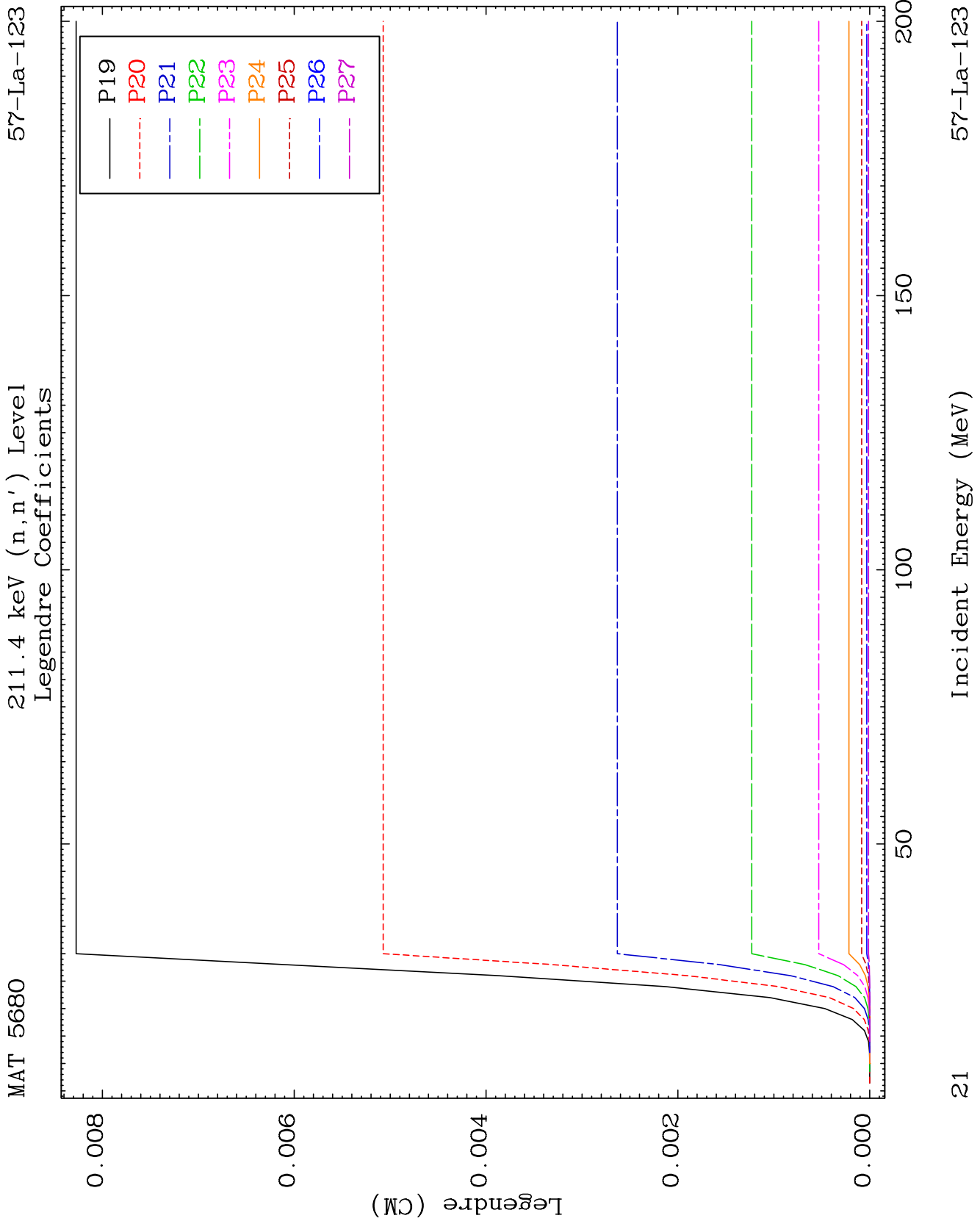
211.4 keV (n,n') Level
Legendre Coefficients

57-La-123



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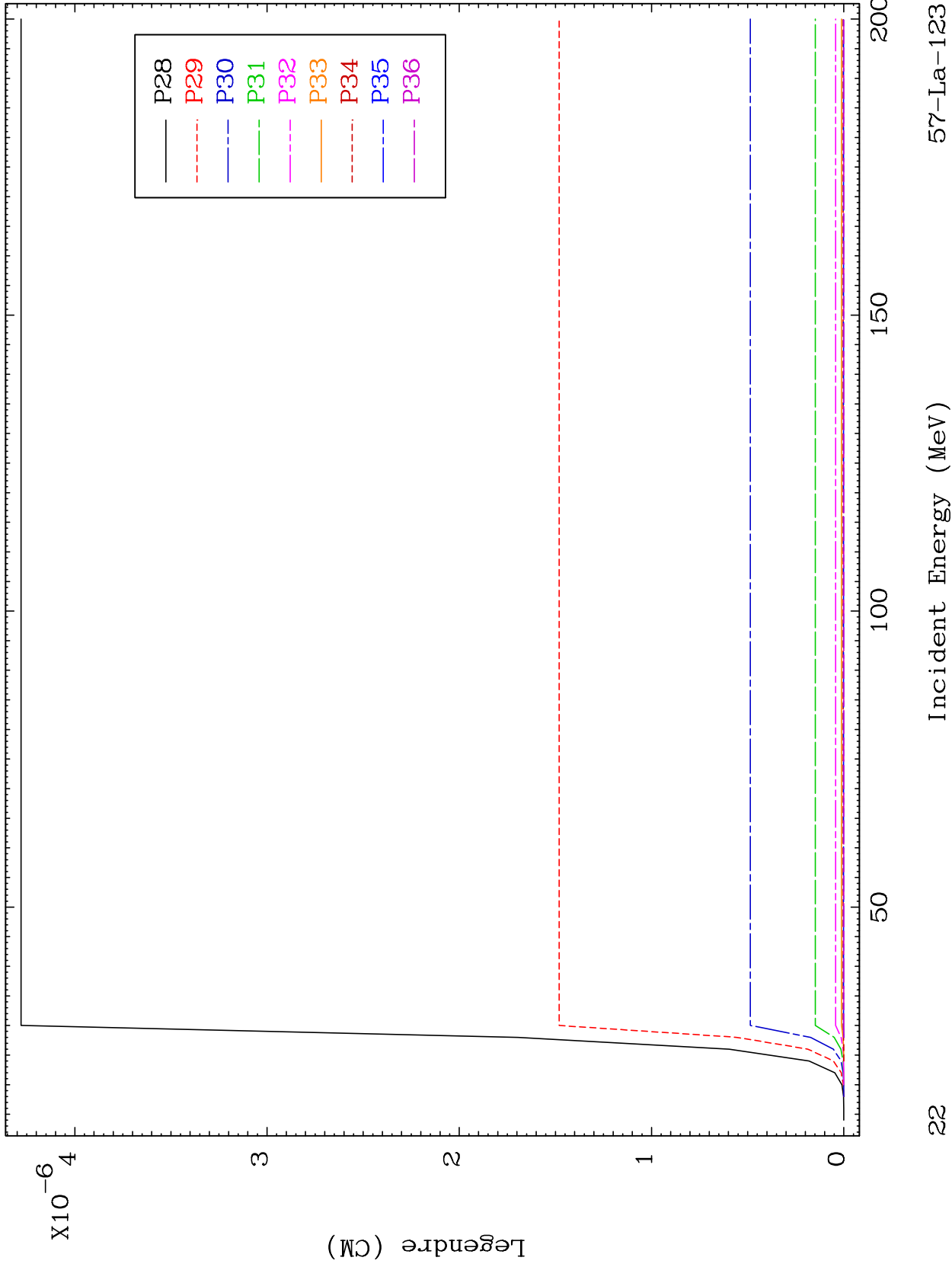




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211.4 keV (n,n') Level
Legendre Coefficients

57-La-123



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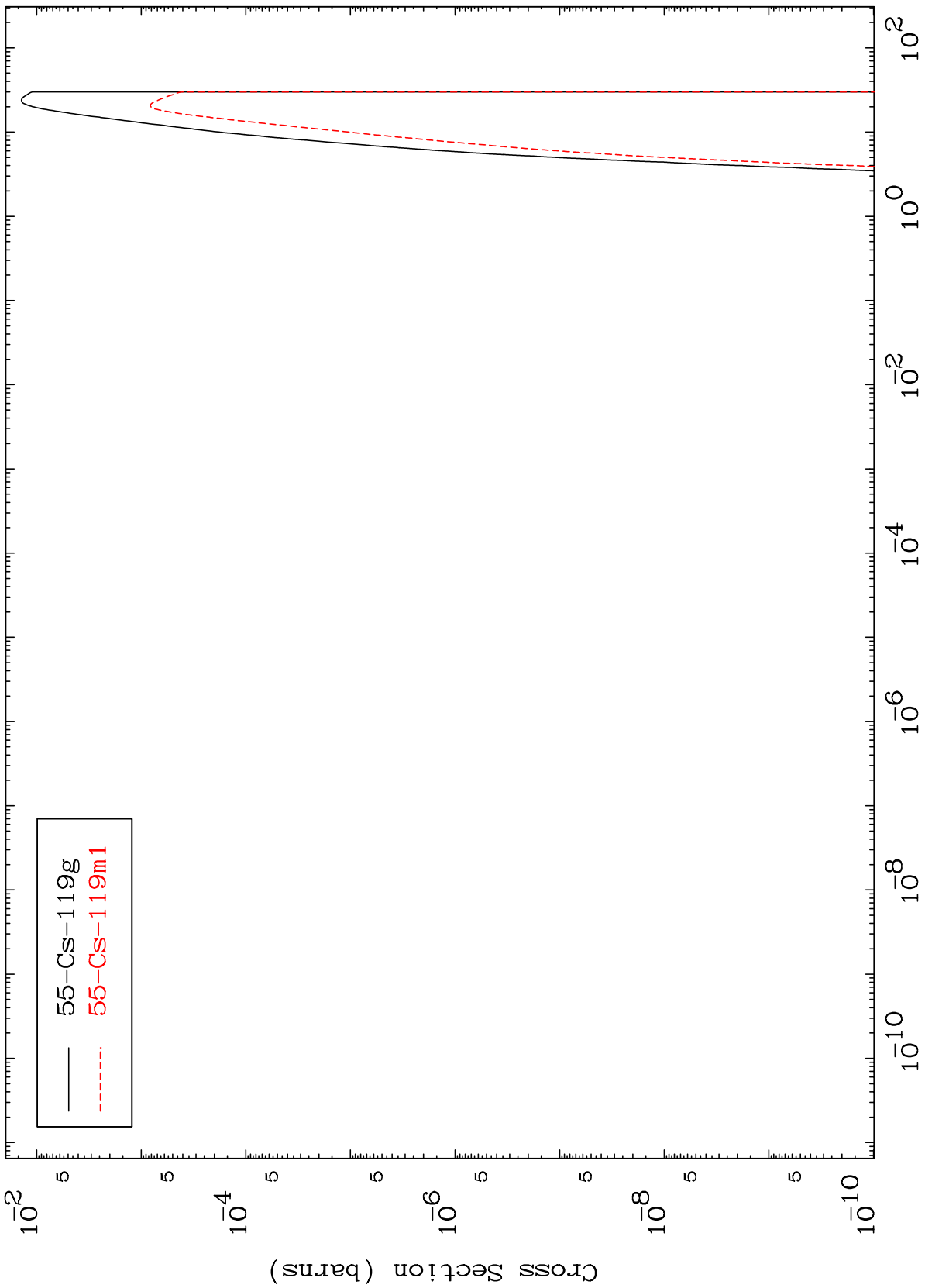
57-La-123

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$(n, n') \alpha$

57-La-123

Radionuclide Production Cross Section

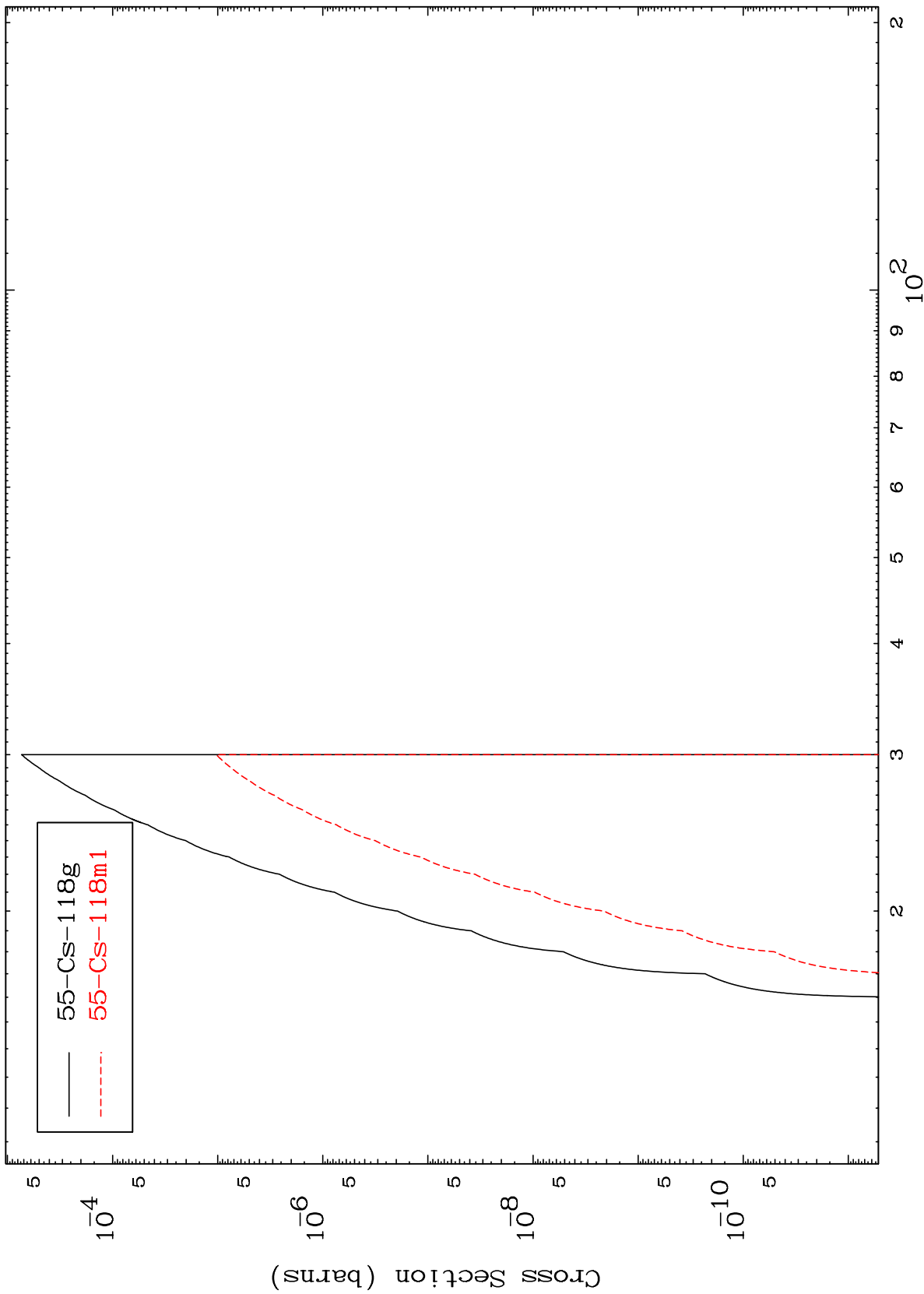


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(n,2n) α

57-La-123

Radionuclide Production Cross Section

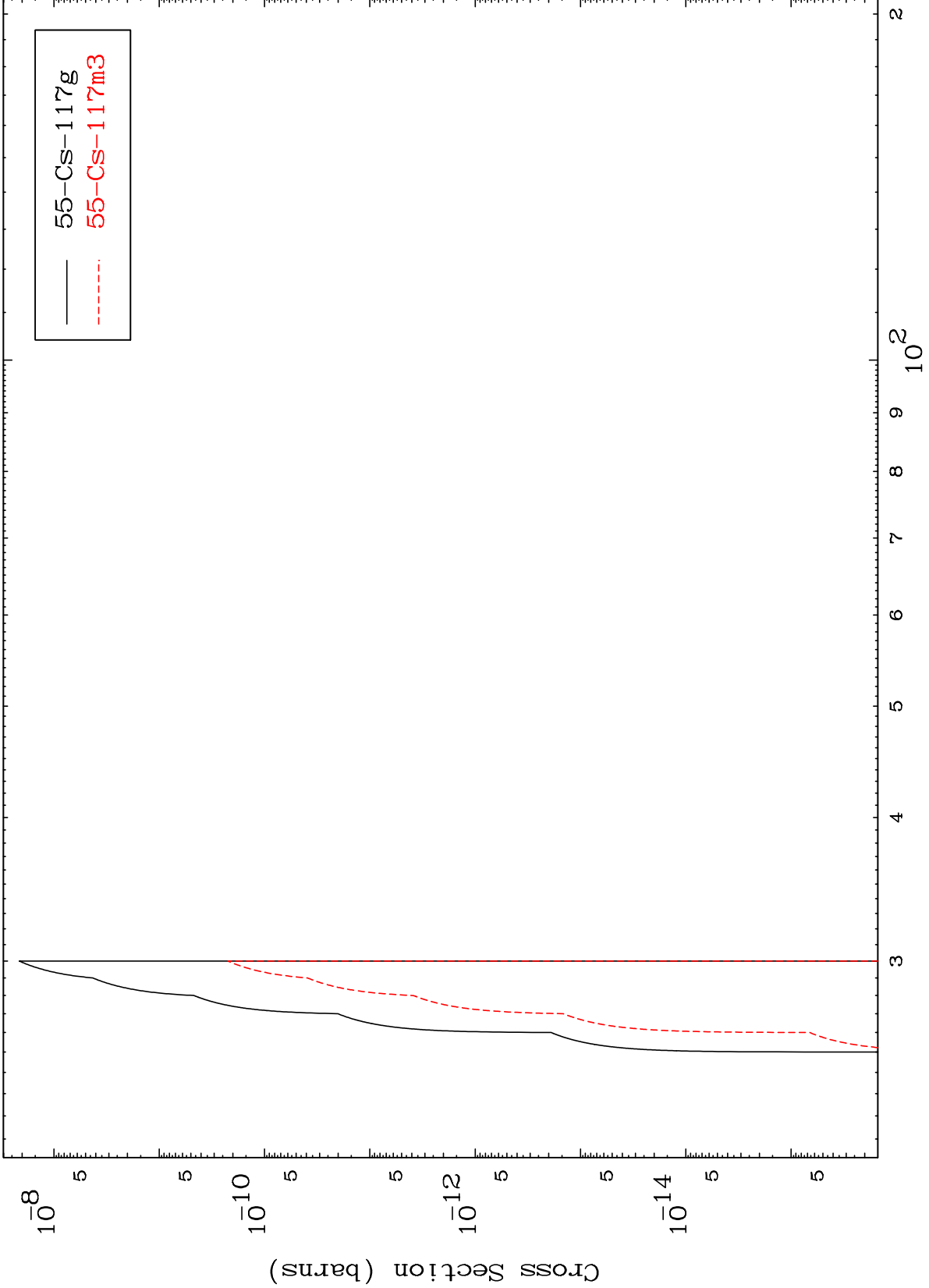


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Incident Energy (MeV)

57-La-123

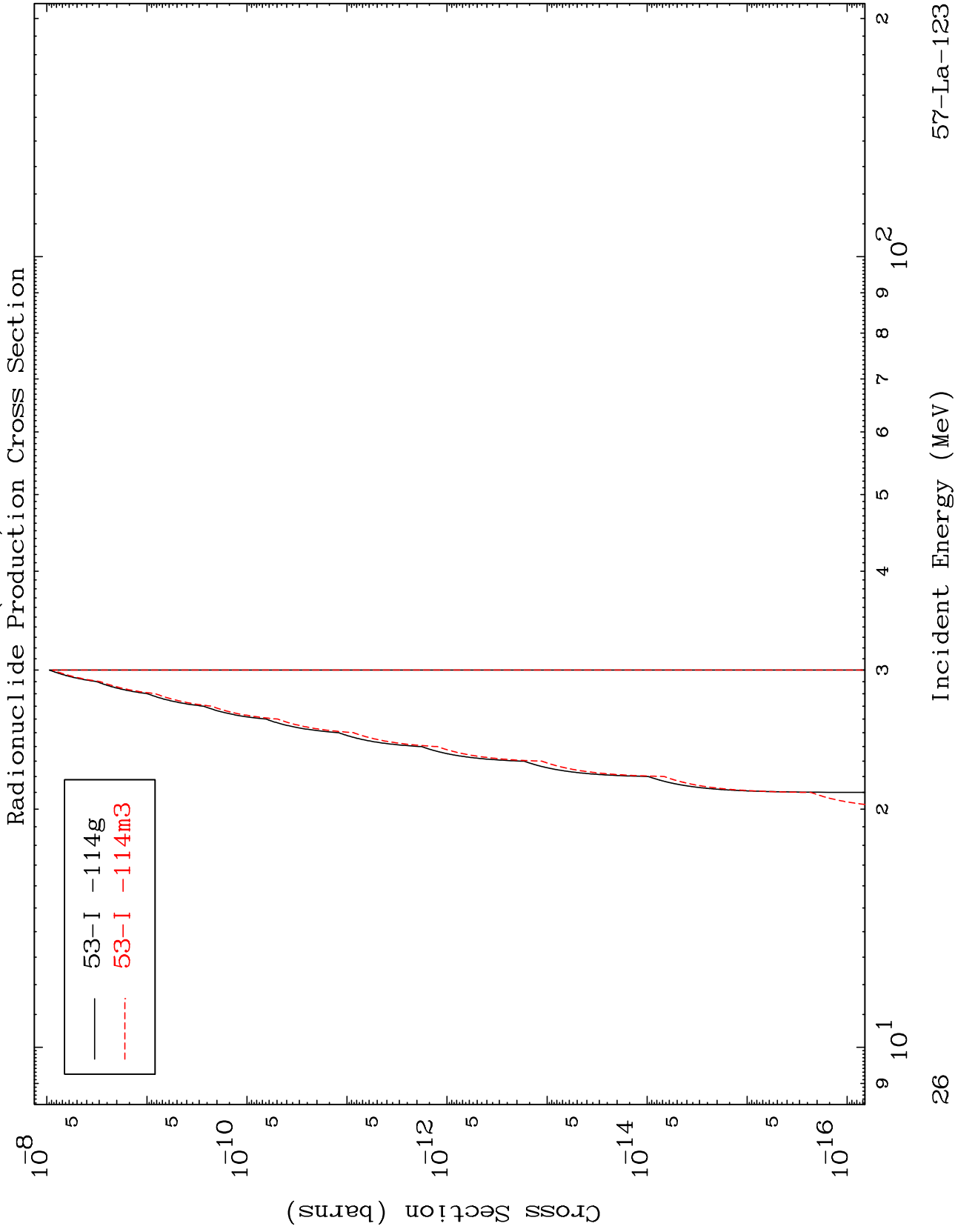
Radionuclide Production Cross Section



MAT 5680

(n,2n) 2α

57-La-123



26

Incident Energy (MeV)

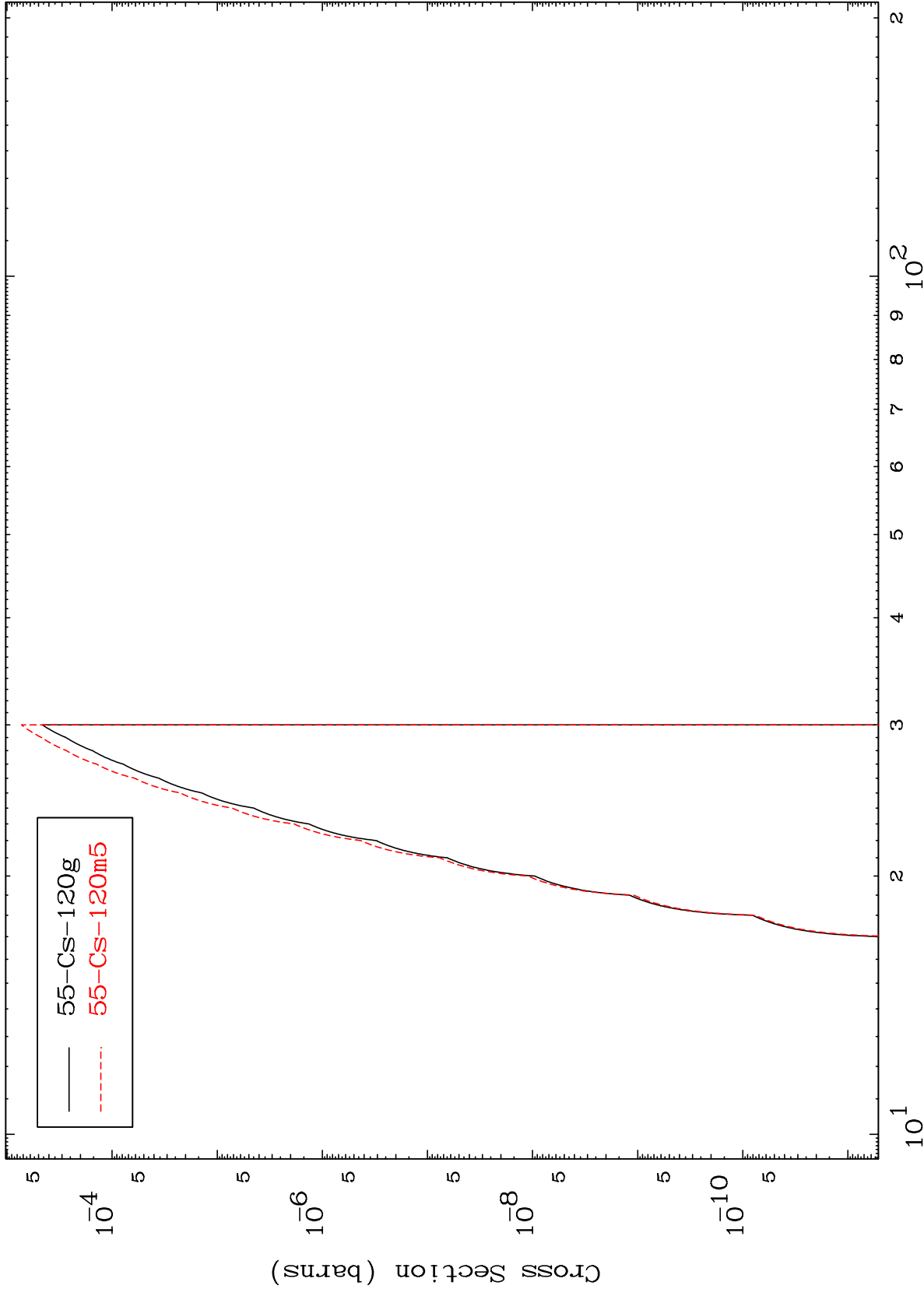
57-La-123

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(n,n') He-3

57-La-123

Radionuclide Production Cross Section



55-Cs-120g
55-Cs-120m5

27

Incident Energy (MeV)

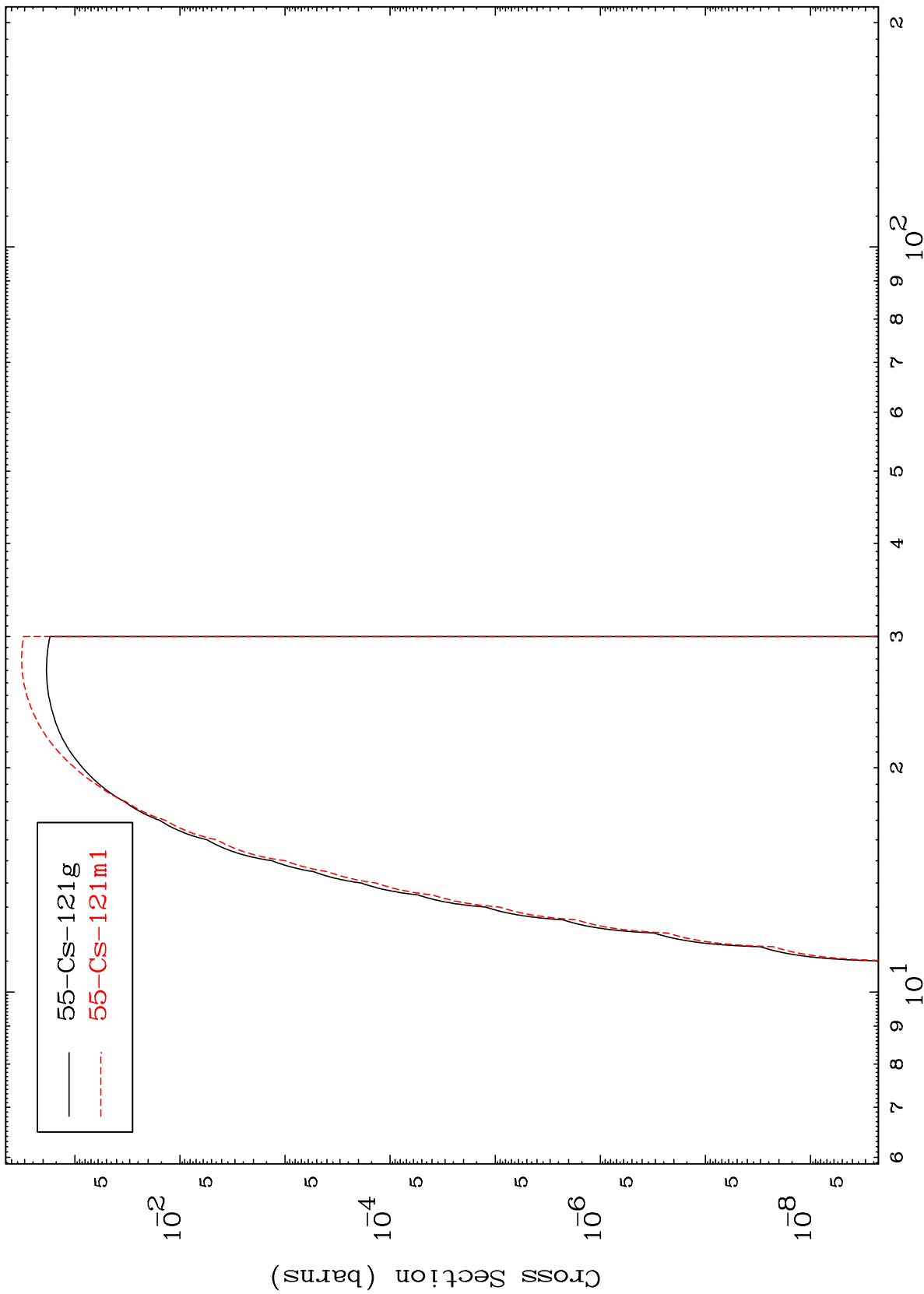
57-La-123

MAT 5680

(n,2n) p

57-La-123

Radionuclide Production Cross Section



55-Cs-121g
55-Cs-121m1

28

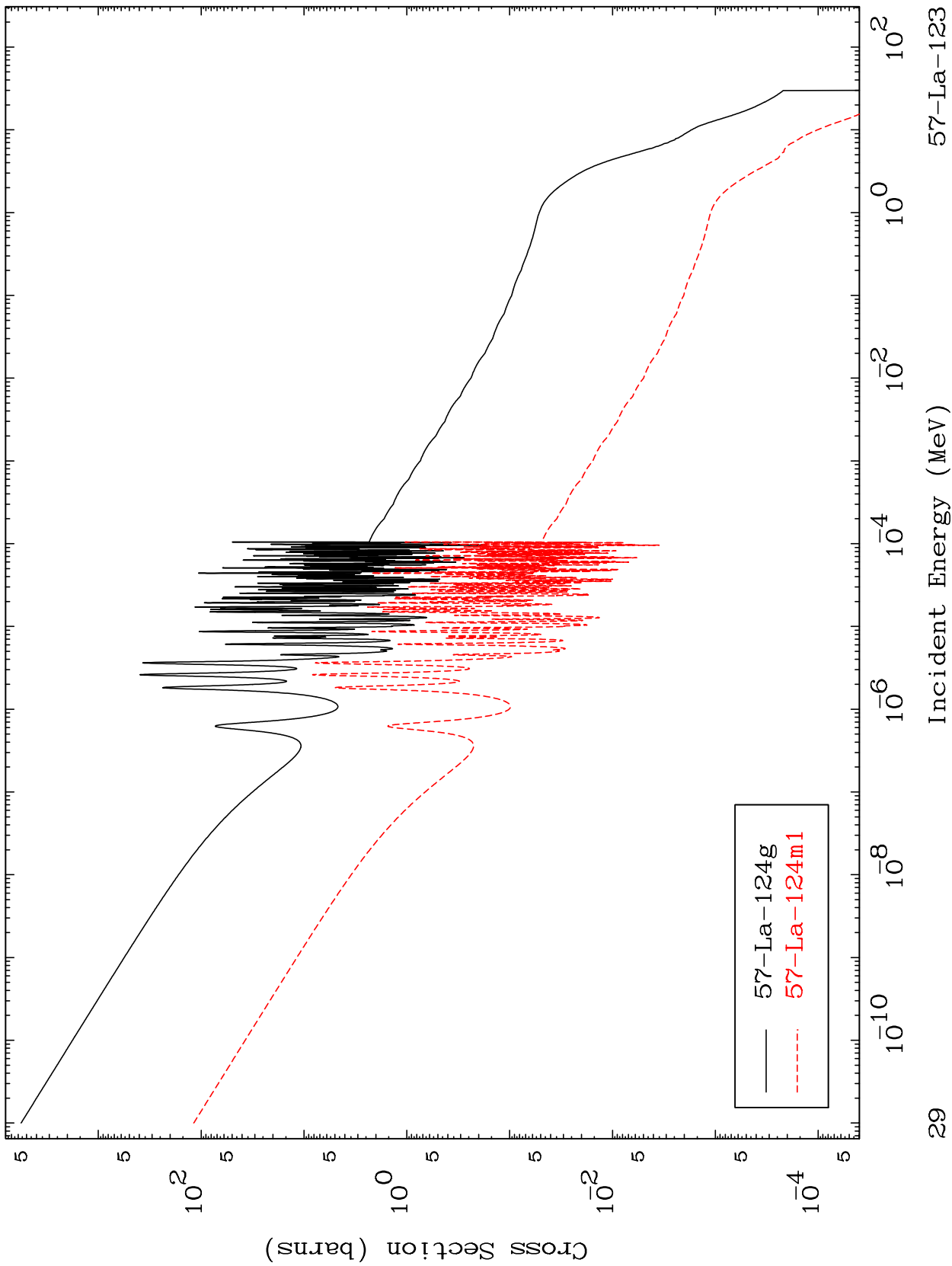
Incident Energy (MeV)

57-La-123

MAT 5680

57-La-123

(n, γ)
Radionuclide Production Cross Section

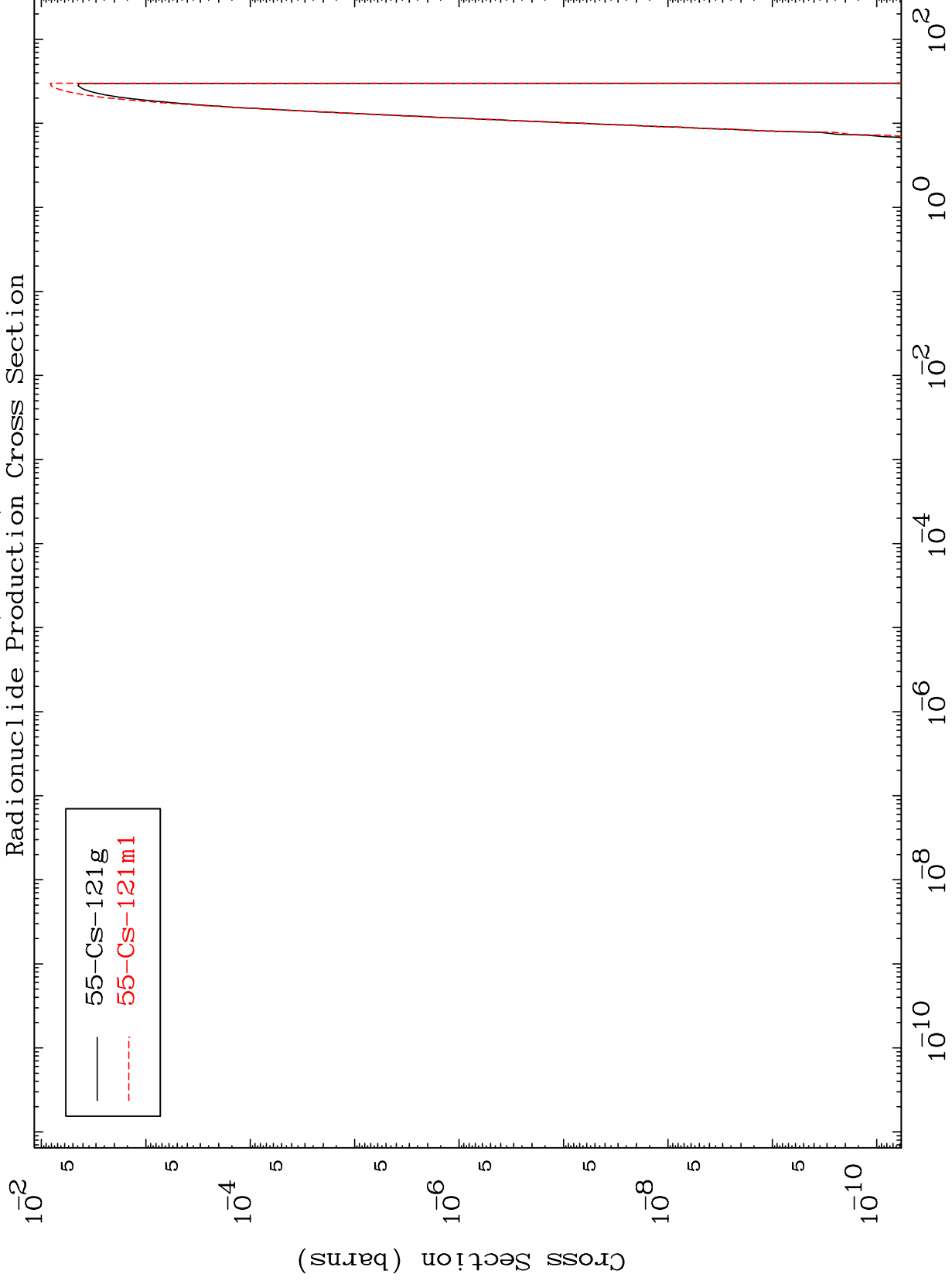


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(n,He-3)

57-La-123

Radionuclide Production Cross Section



30

Incident Energy (MeV)

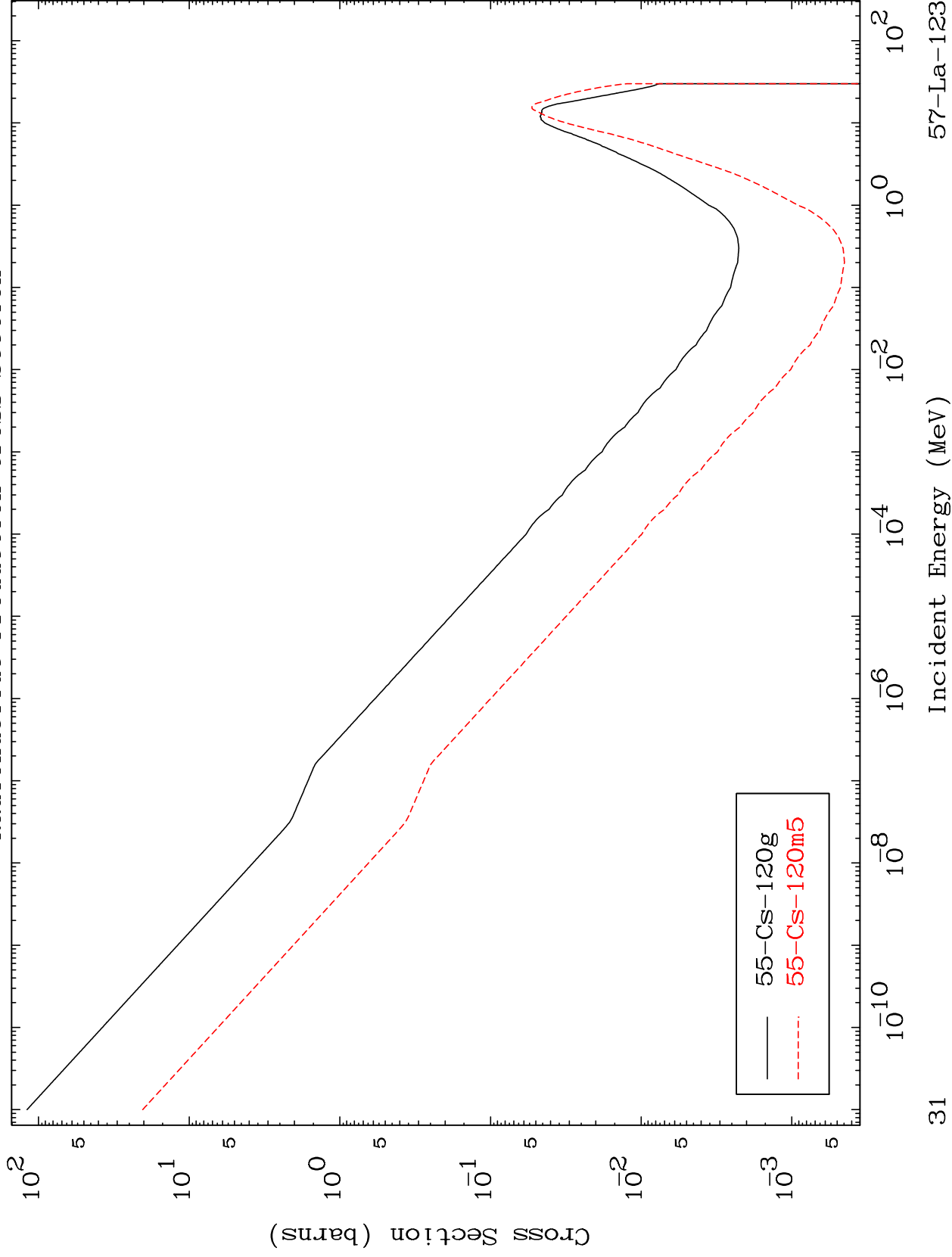
57-La-123

MAT 5680

(n, α)

57-La-123

Radionuclide Production Cross Section



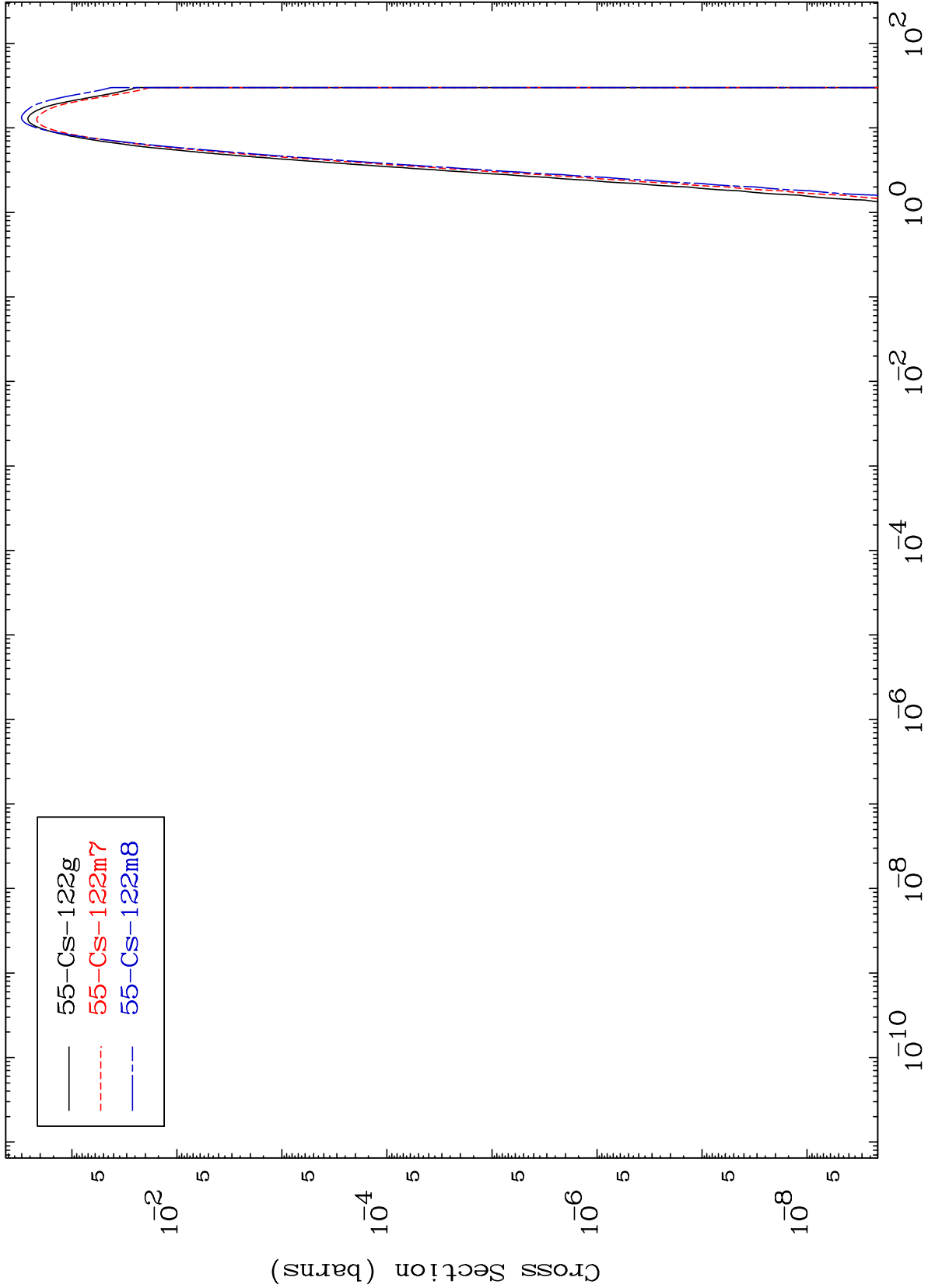
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MAT 5680

(n,2p)

57-La-123

Radionuclide Production Cross Section



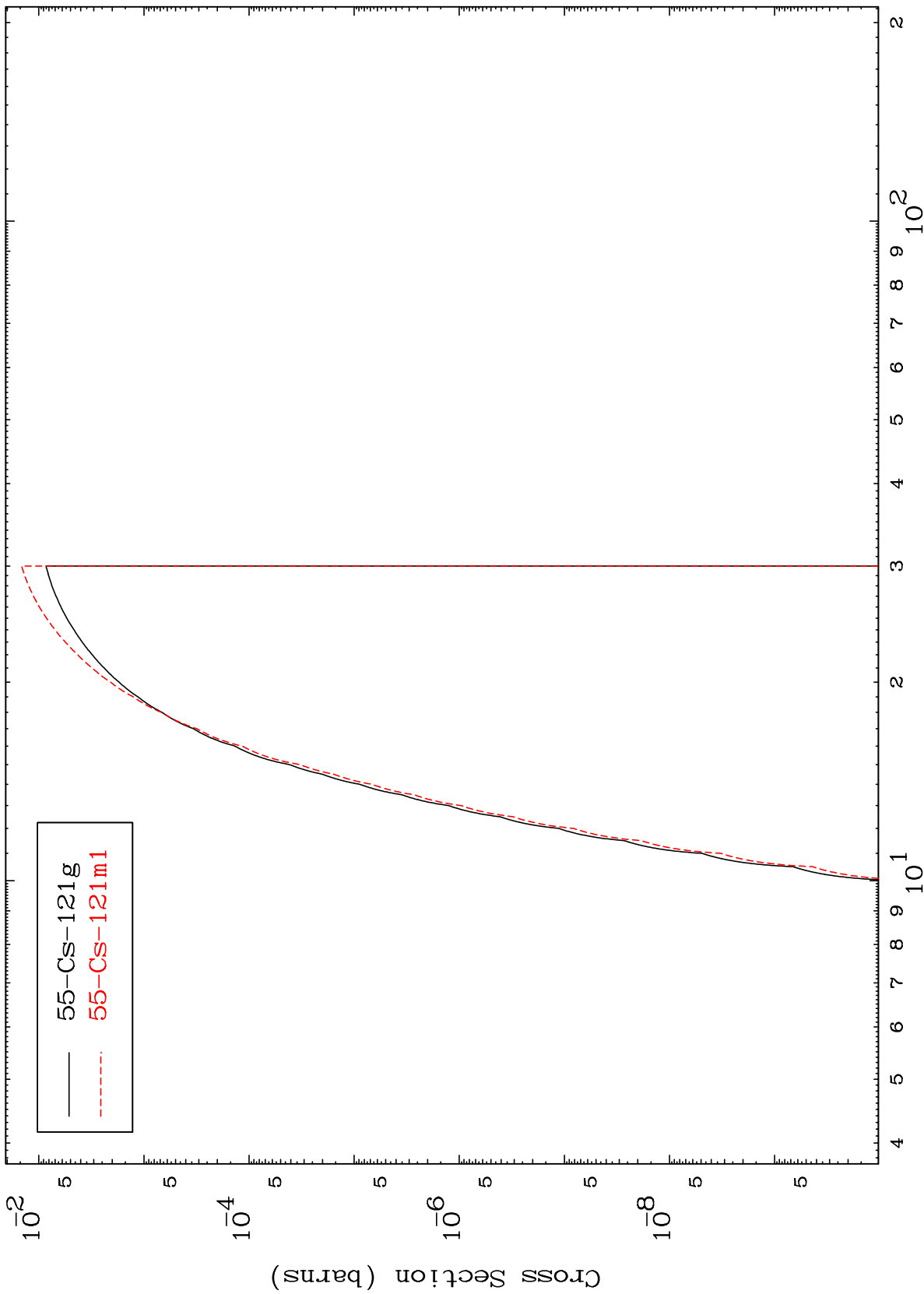
55-Cs-122g
55-Cs-122m7
55-Cs-122m8

MAT 5680

(n,p) d

57-La-123

Radionuclide Production Cross Section

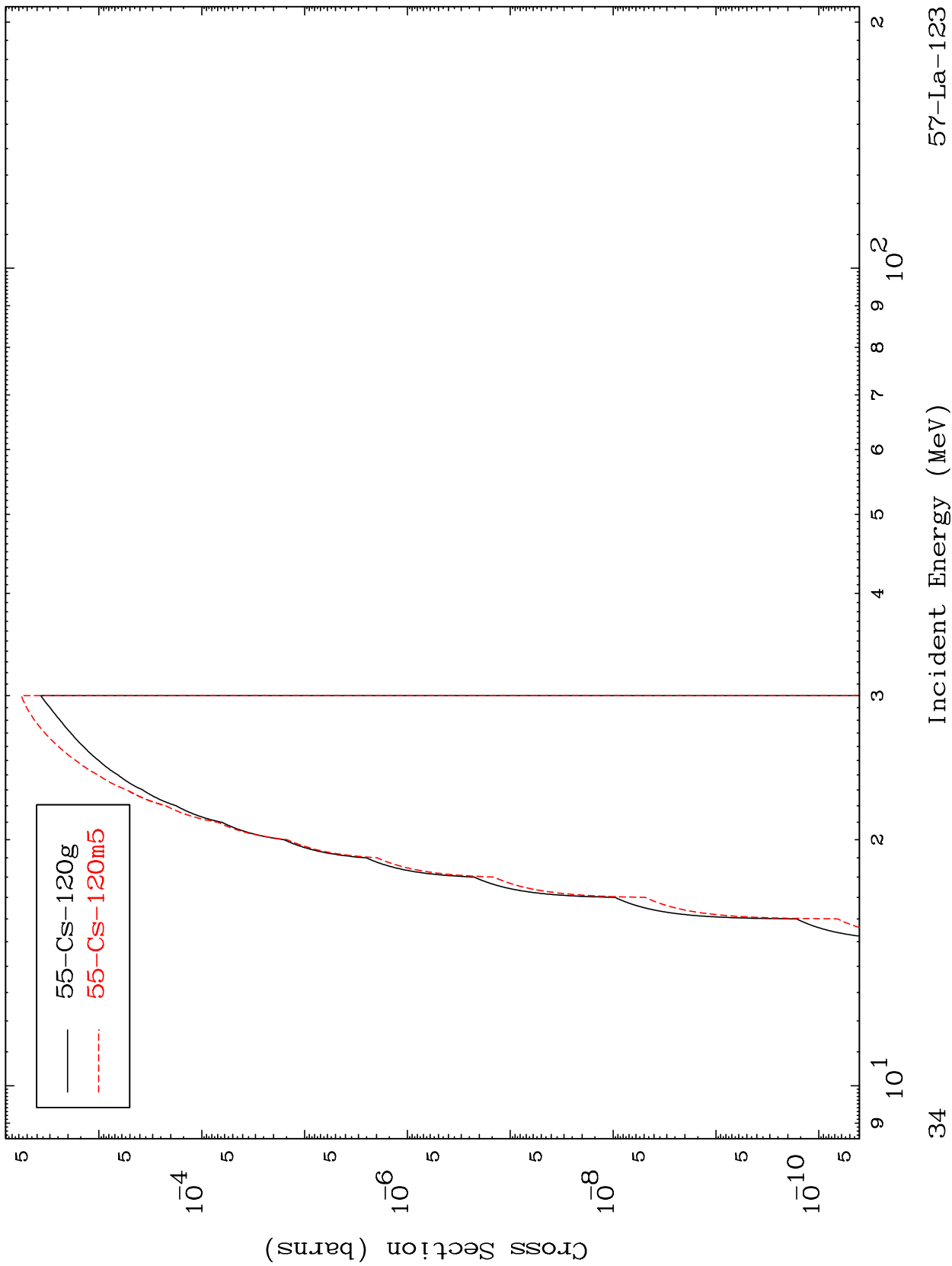


MAT 5680

(n,p) t

57-La-123

Radionuclide Production Cross Section



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Incident Energy (MeV)

57-La-123