

Program EVALPLOT
(Version 2015-2)

by

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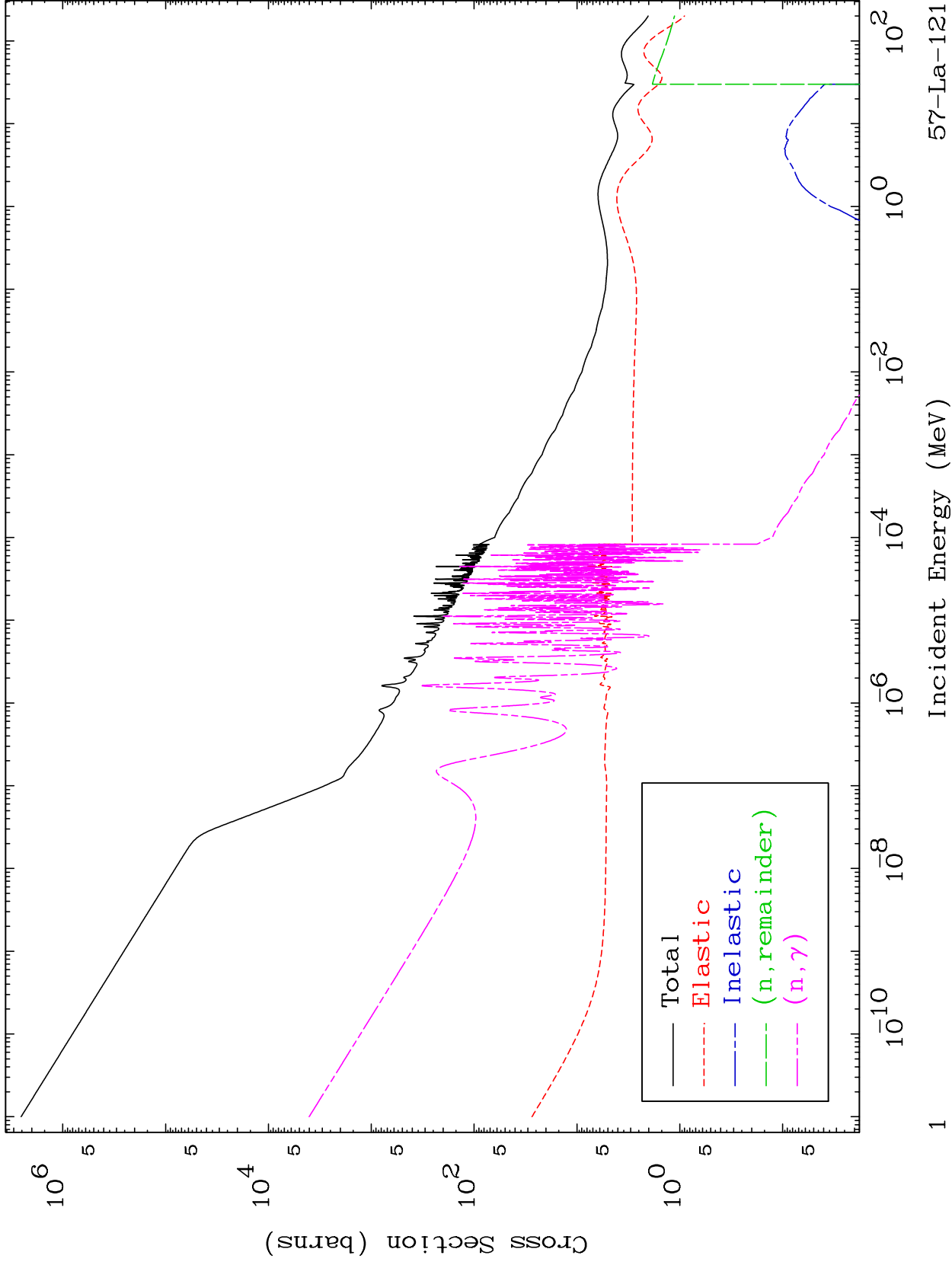
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 5674

Major
293 Kelvin Cross Sections

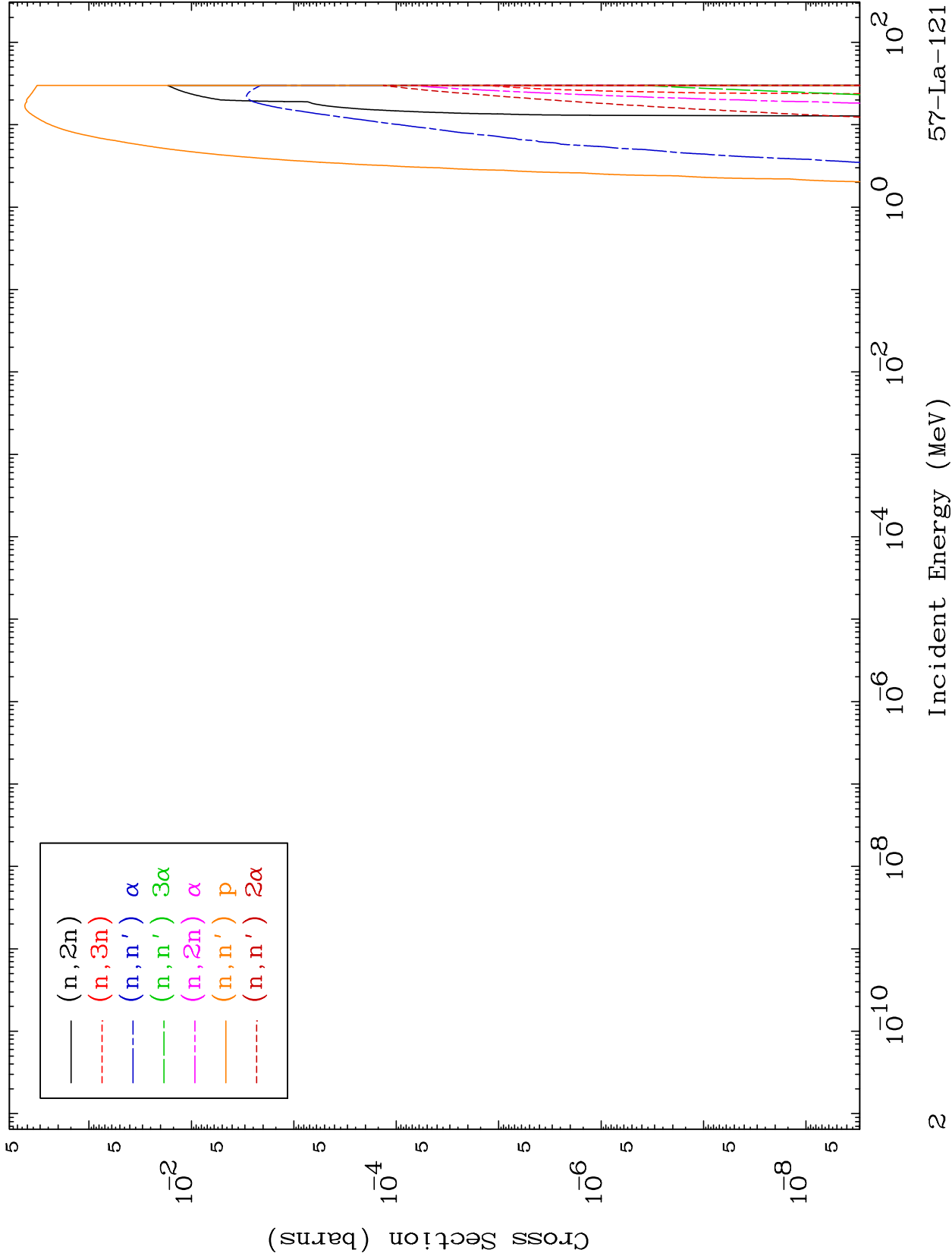
57-La-121

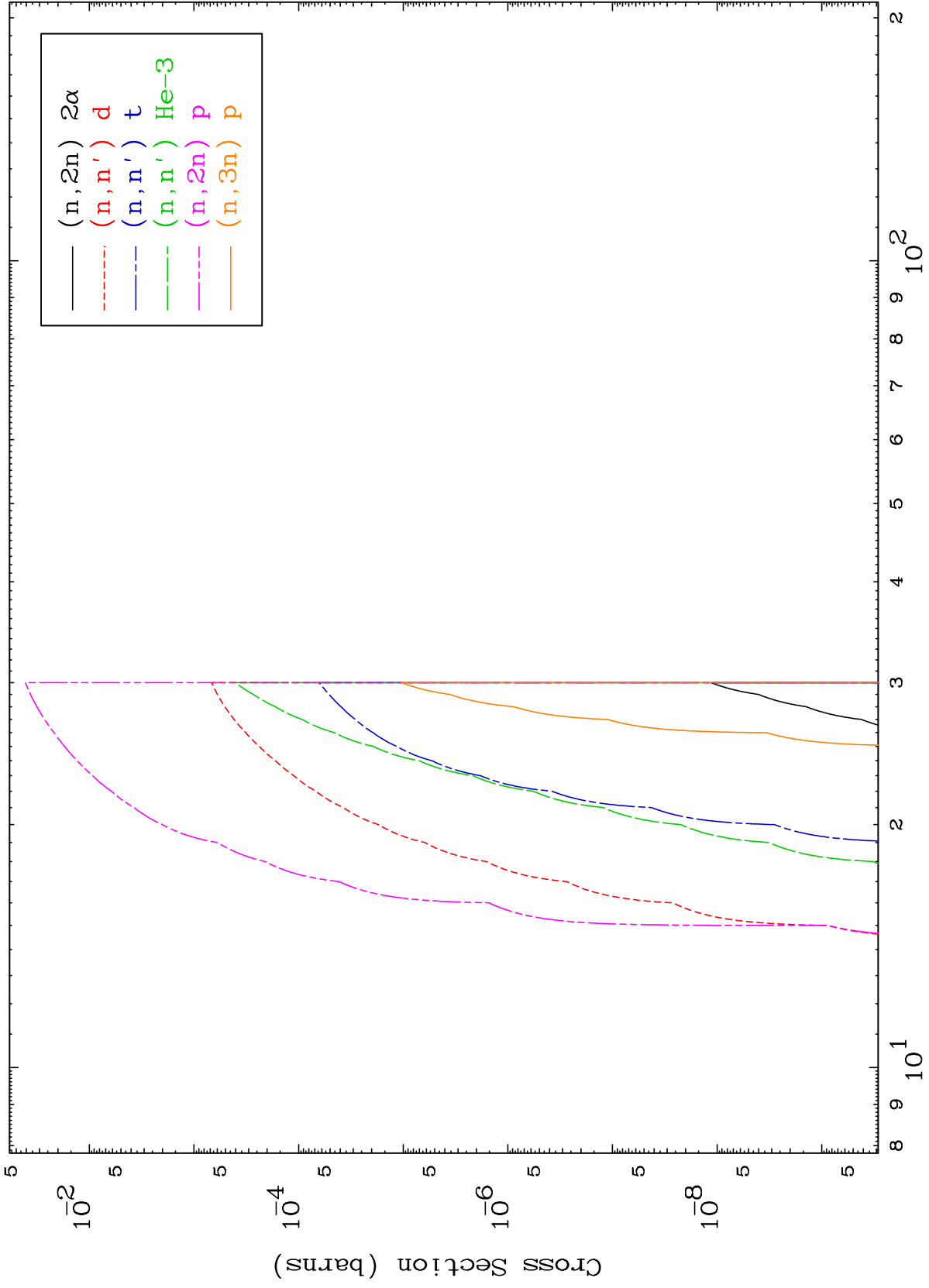


MAT 5674

Neutron Production
293 Kelvin Cross Sections

57-La-121

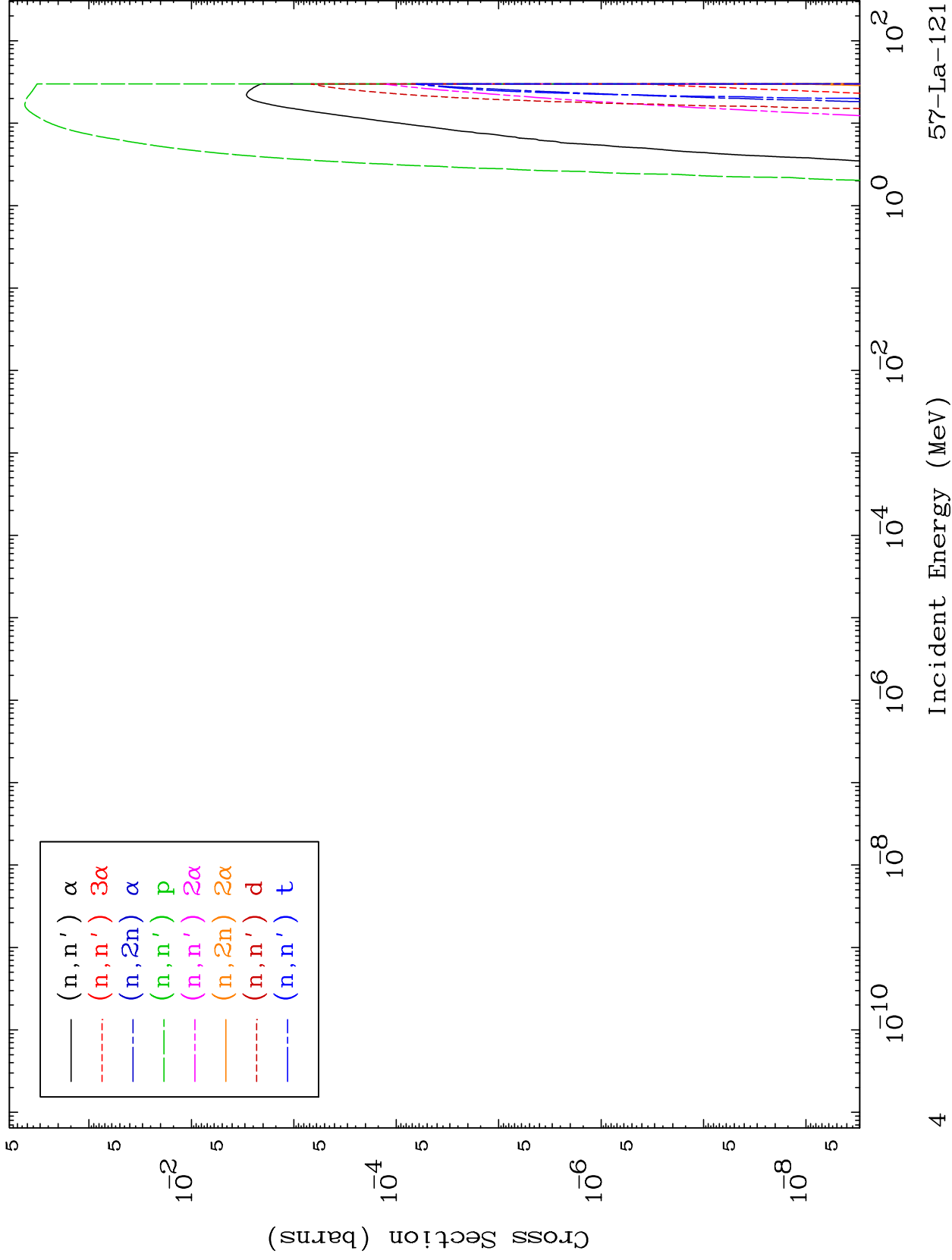




MAT 5674

Charged Particle
293 Kelvin Cross Sections

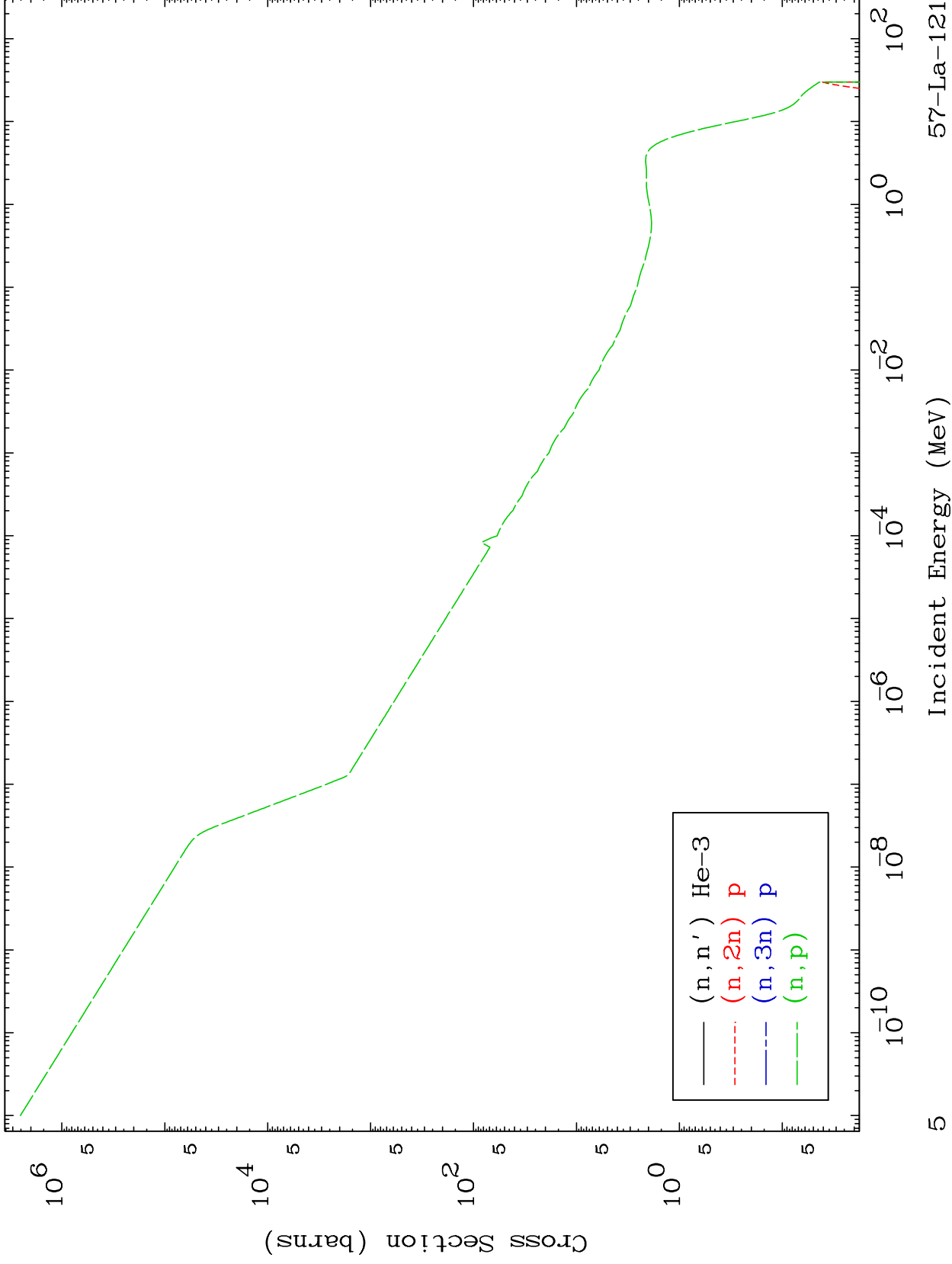
57-La-121



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Charged Particle
293 Kelvin Cross Sections

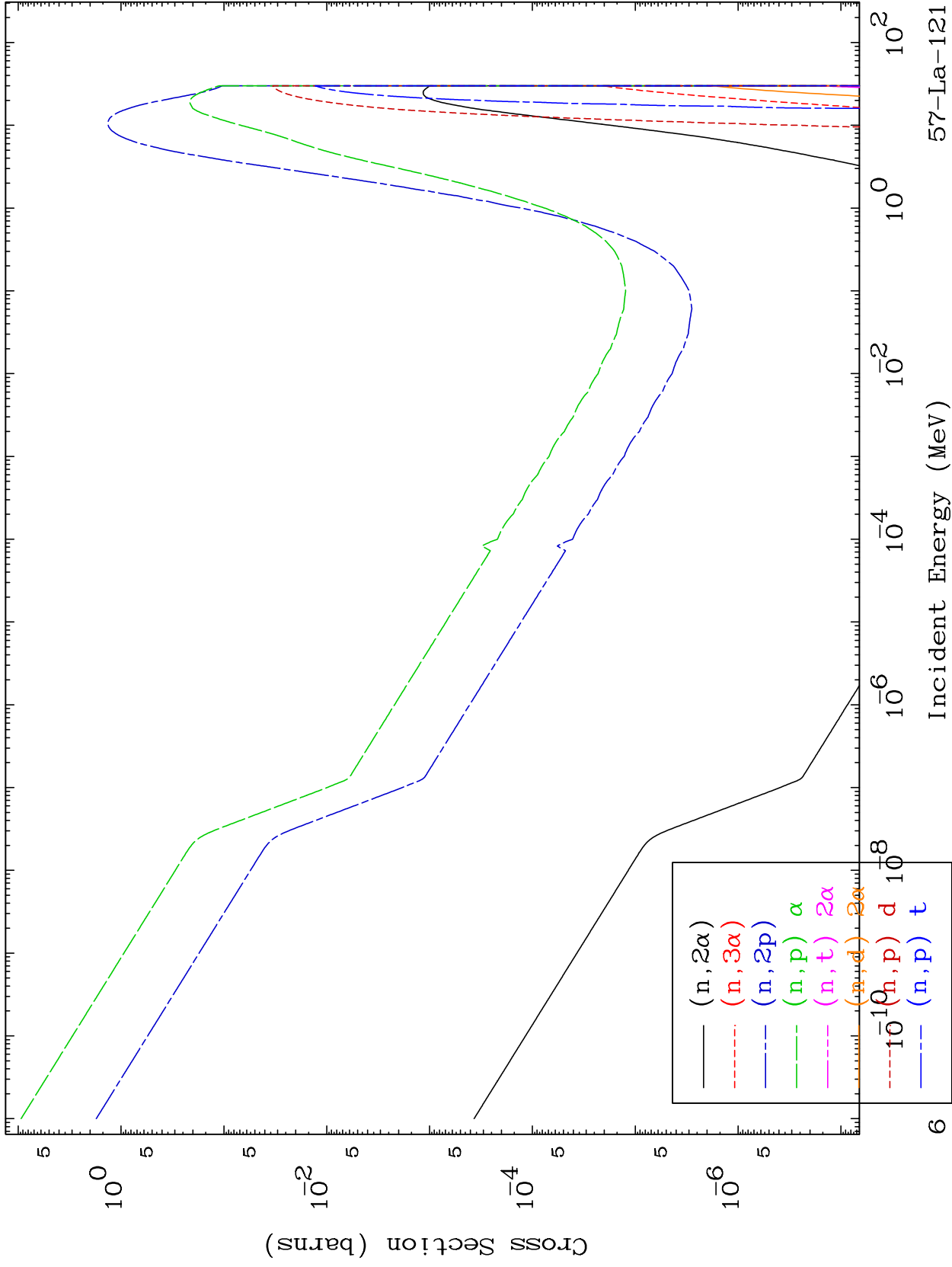
57-La-121



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Charged Particle
293 Kelvin Cross Sections

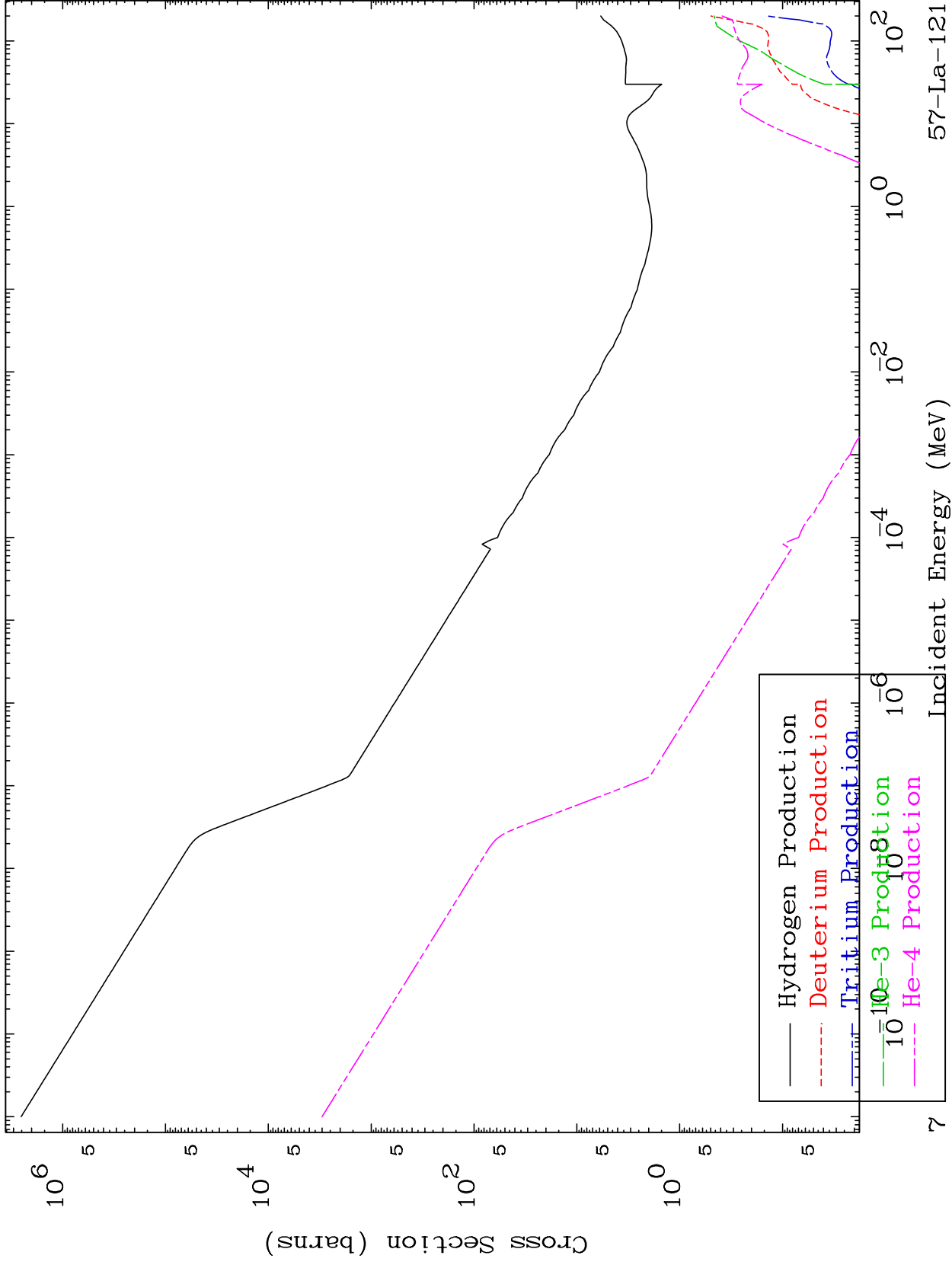
57-La-121



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Particle Production
293 Kelvin Cross Sections

57-La-121



57-La-121

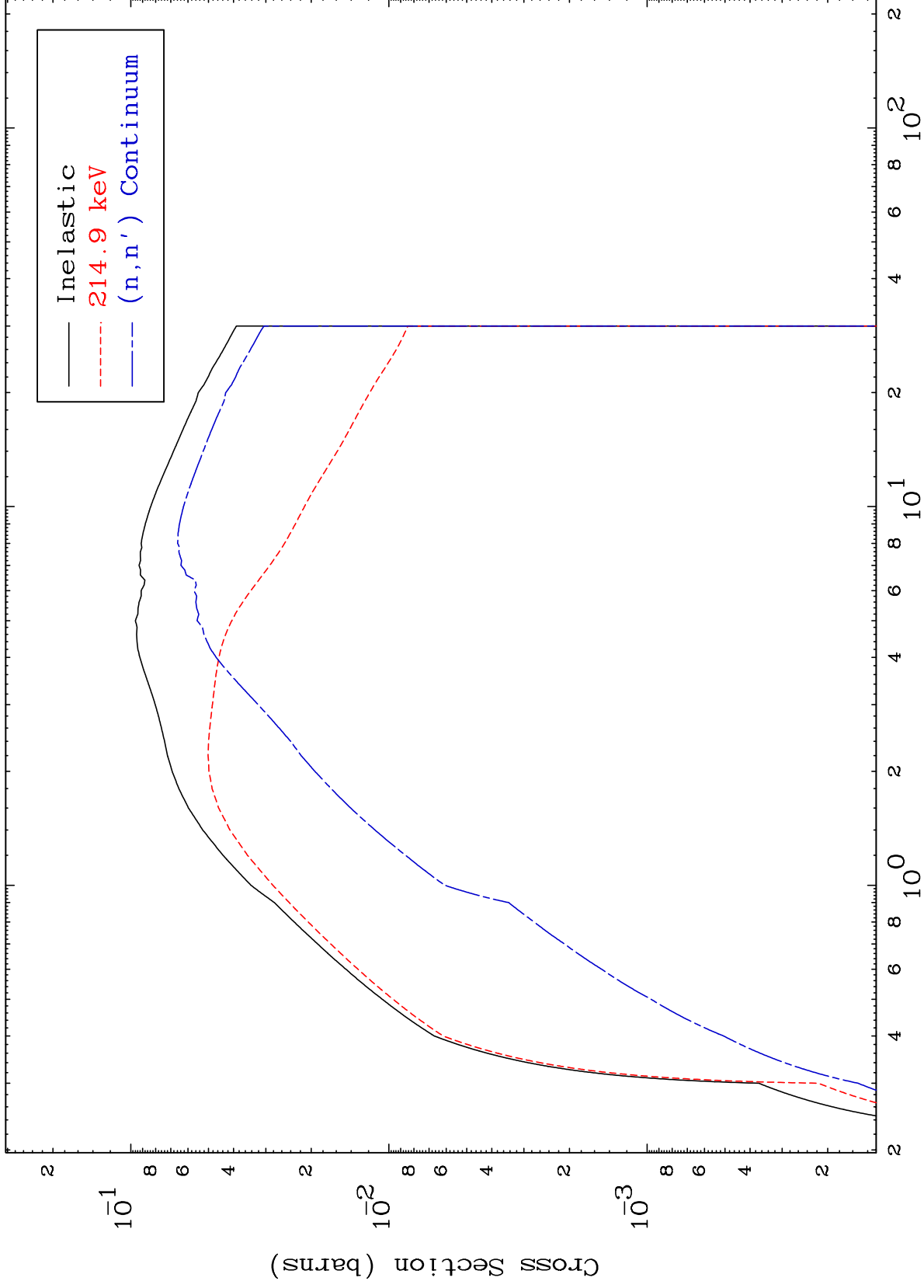
Incident Energy (MeV)

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(n,n') Level
293 Kelvin Cross Sections

57-La-121



Incident Energy (MeV)

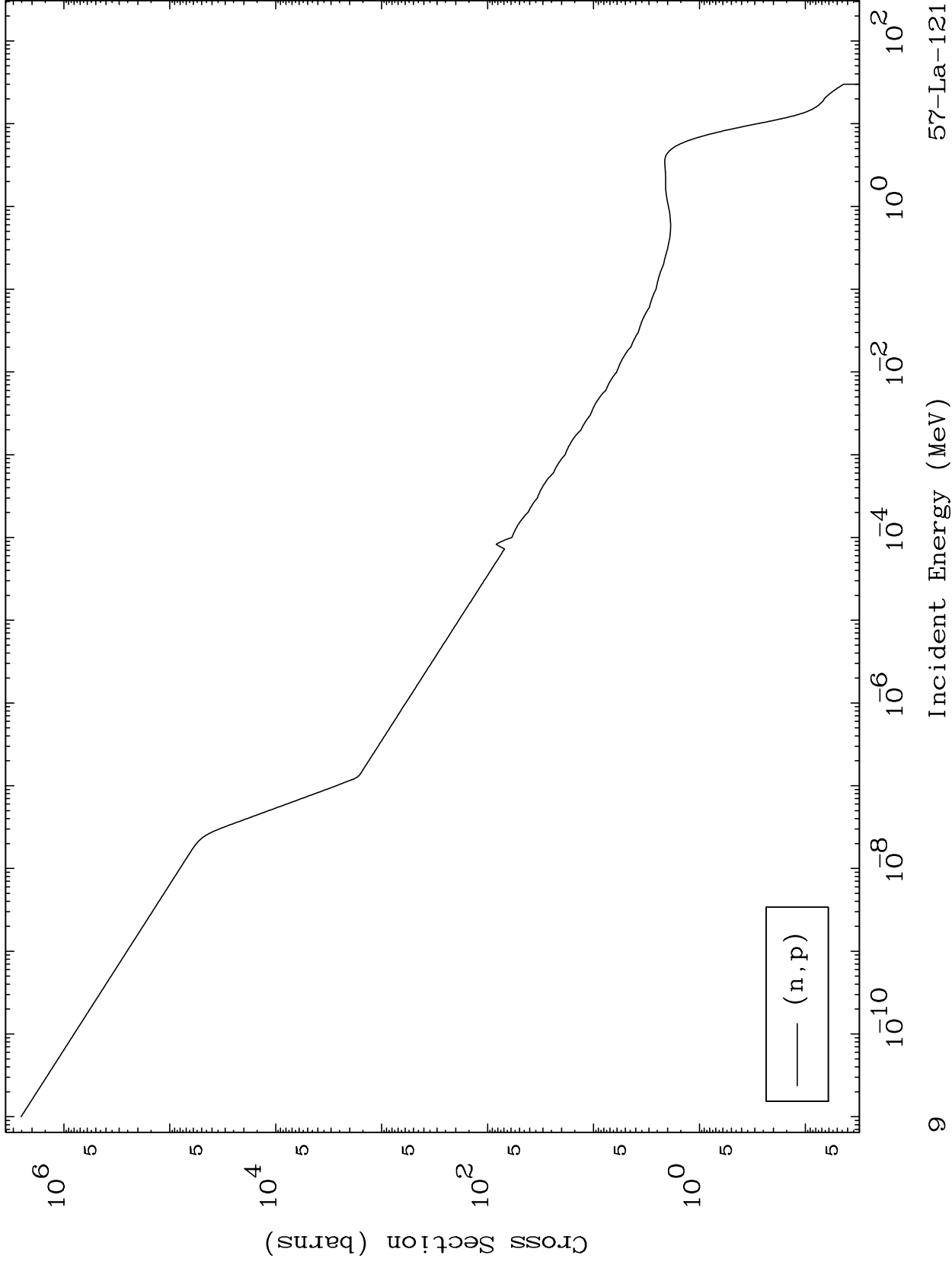
57-La-121

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(n,p) Levels
293 Kelvin Cross Sections

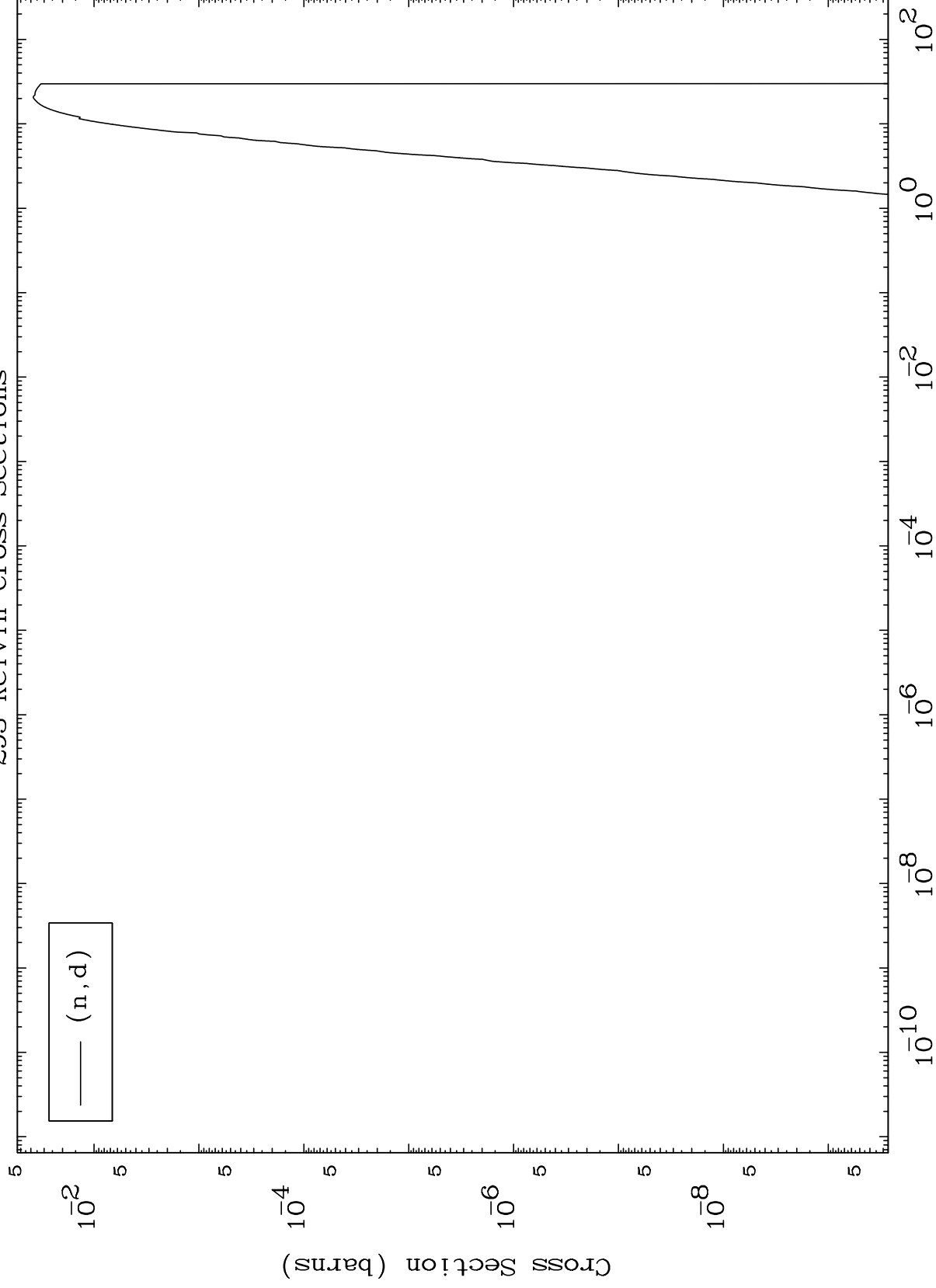
57-La-121



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(n,d) Levels
293 Kelvin Cross Sections

57-La-121



10

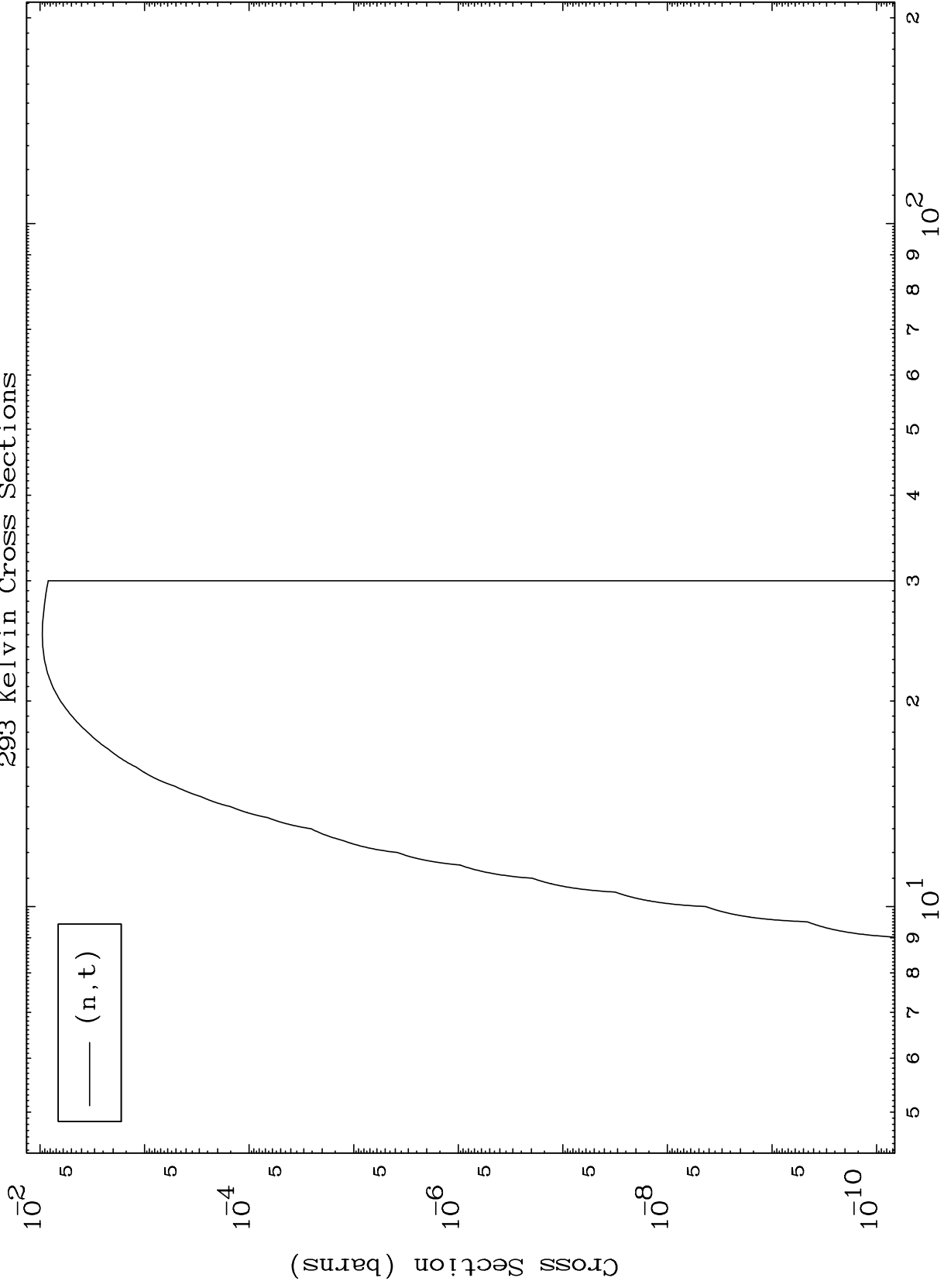
Incident Energy (MeV)

57-La-121

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(n,t) Levels
293 Kelvin Cross Sections

57-La-121



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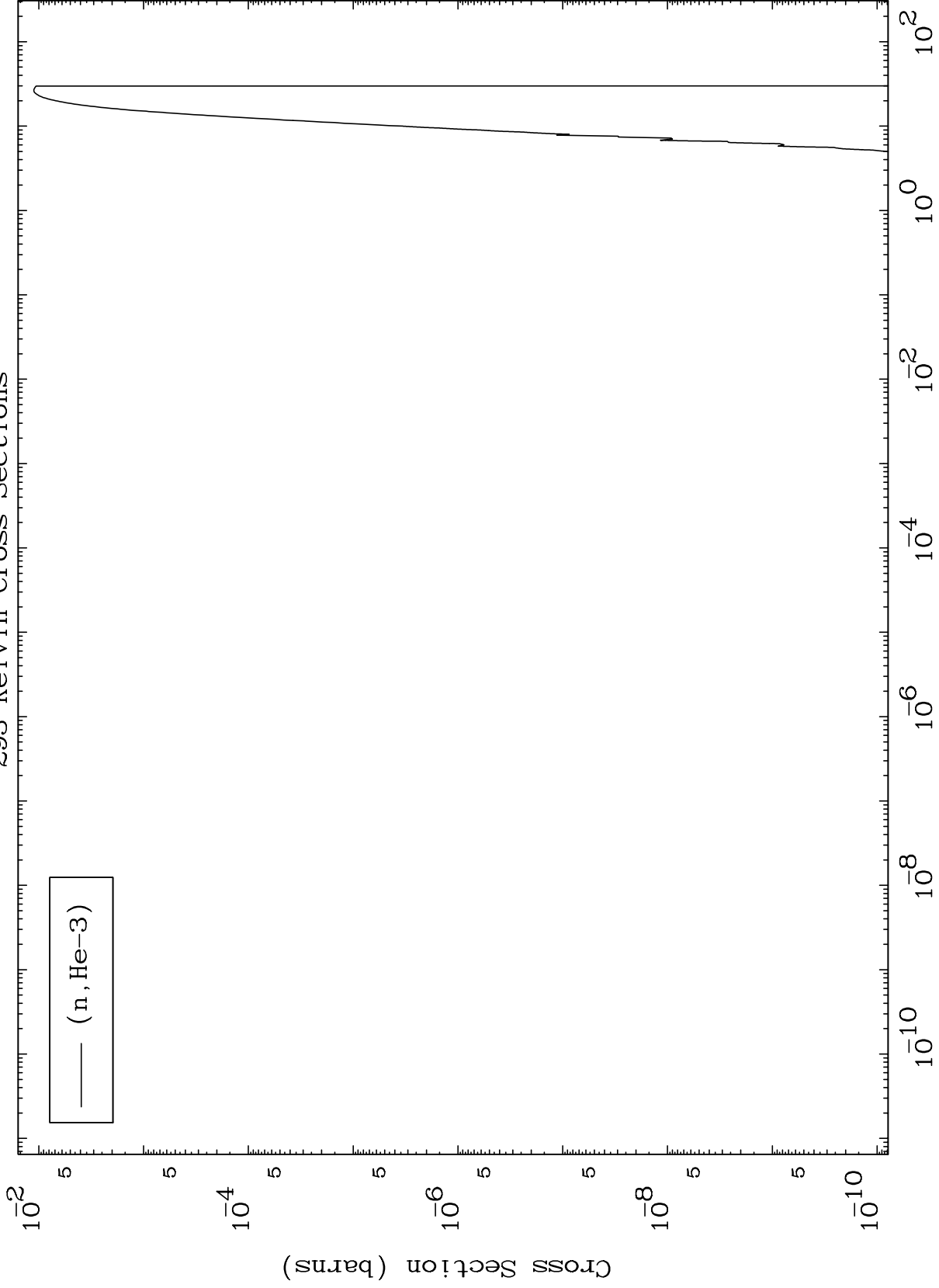
Incident Energy (MeV)

57-La-121

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(n,He3) Levels
293 Kelvin Cross Sections

57-La-121

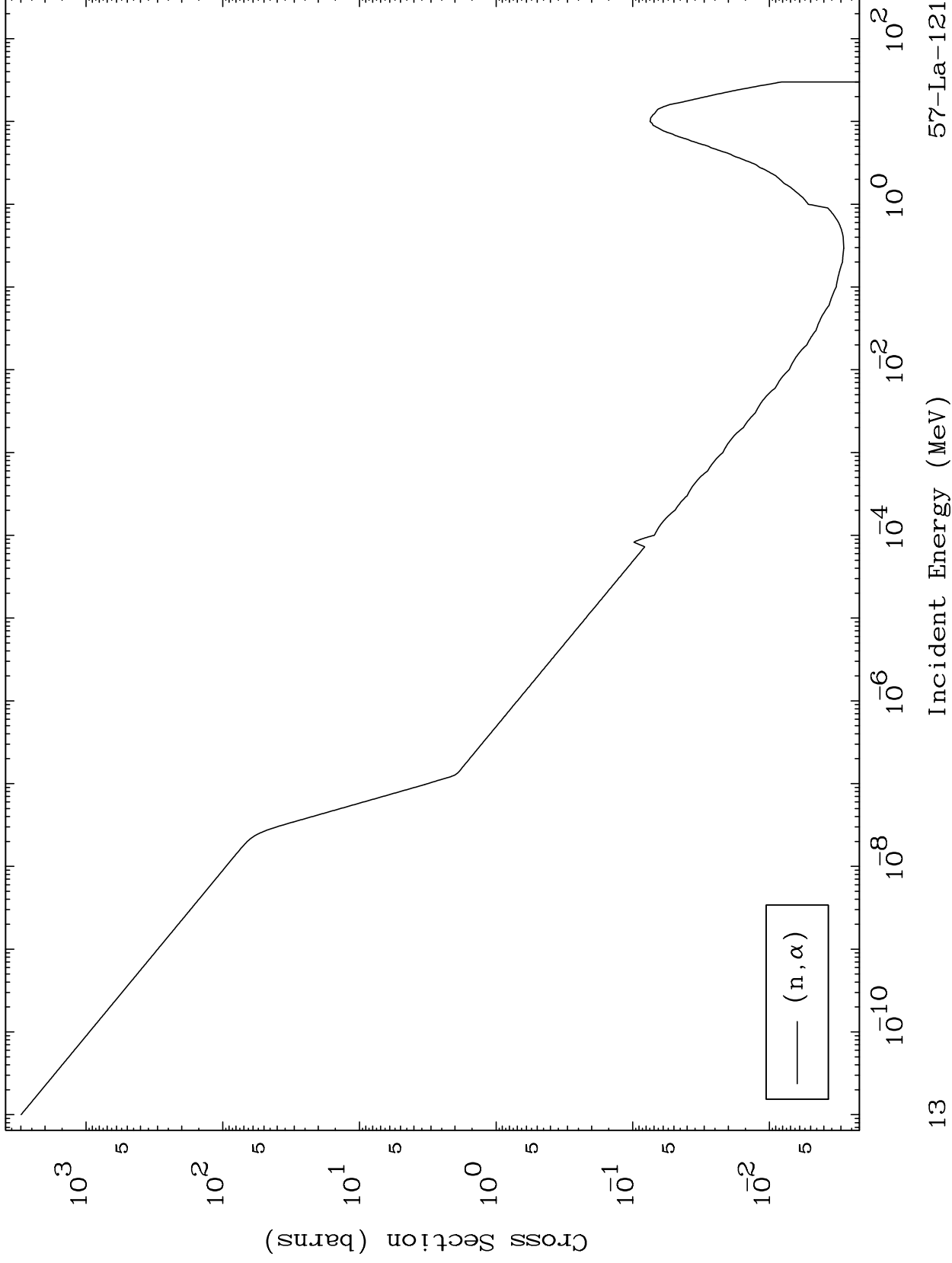


(n, He-3)

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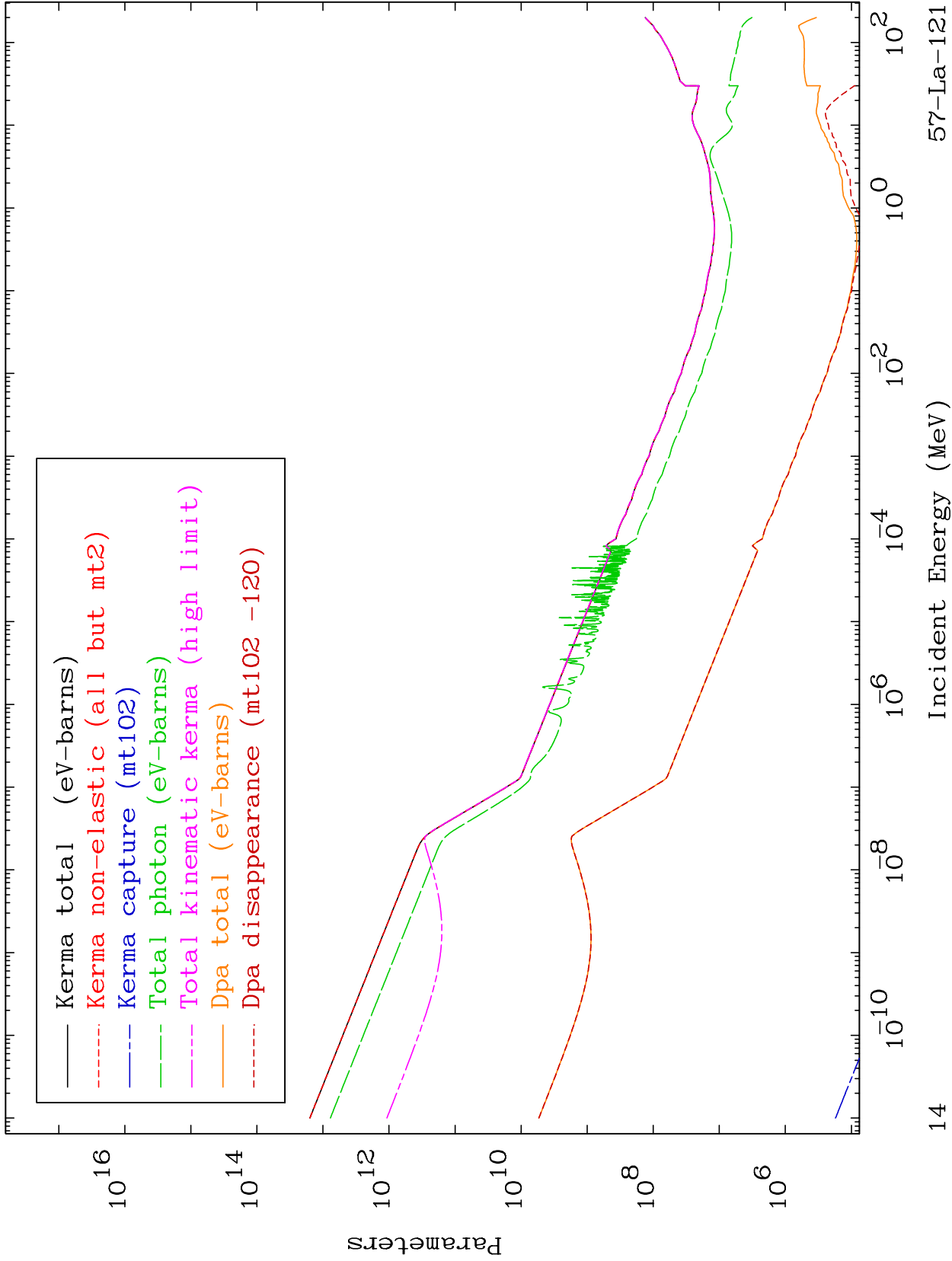
(n, α) Levels
293 Kelvin Cross Sections

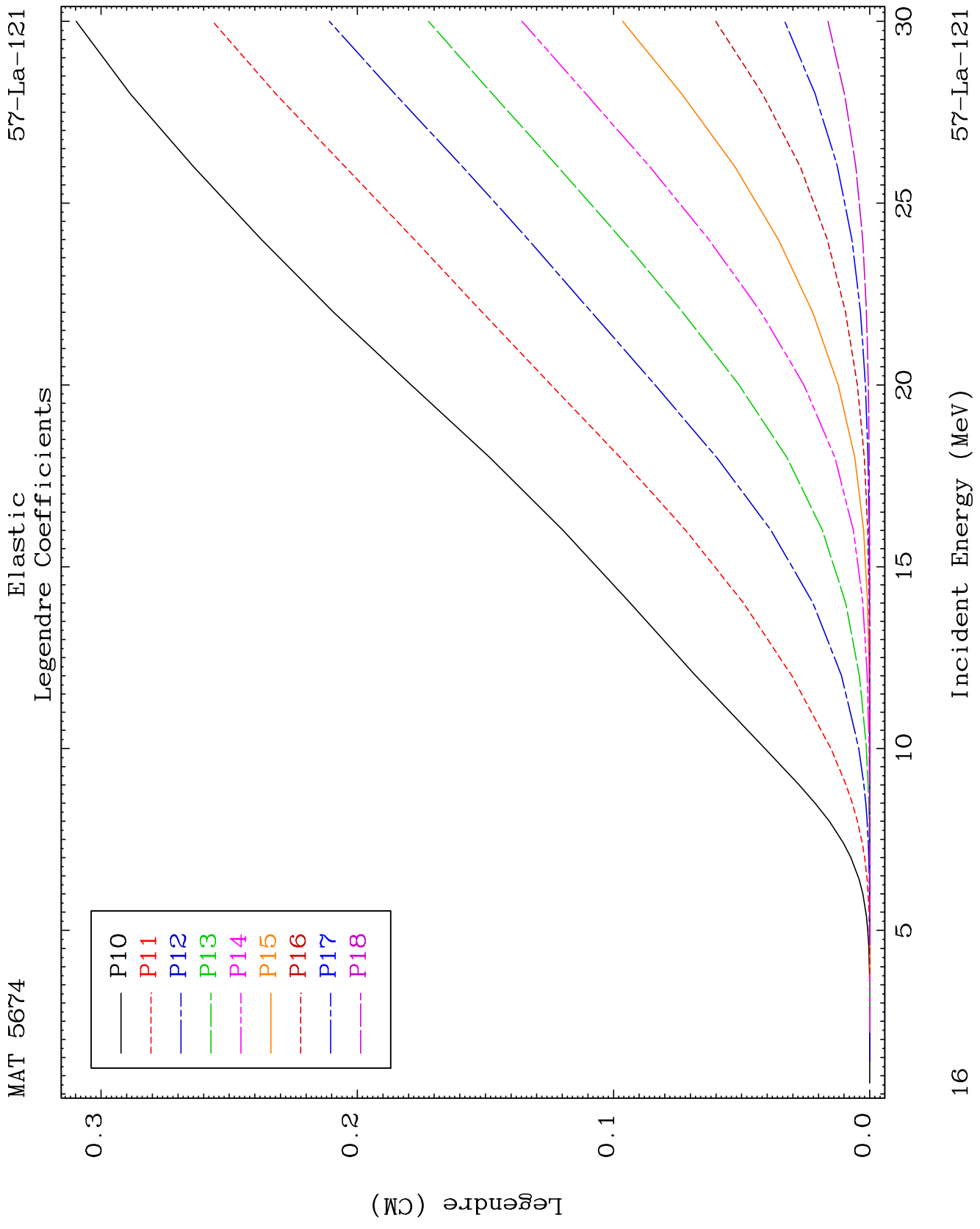
57-La-121



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57-La-121

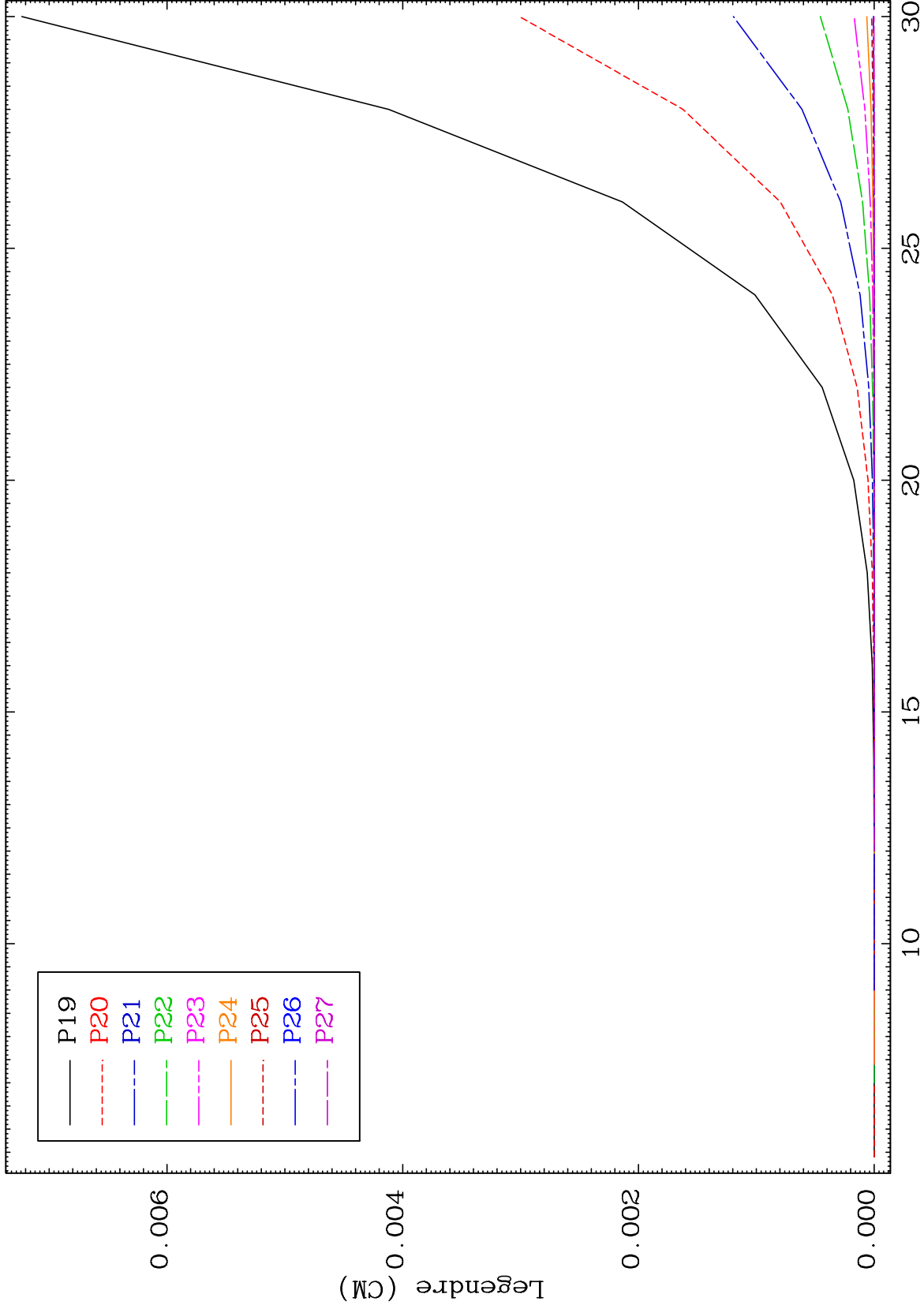




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Elastic Legendre Coefficients

57-La-121



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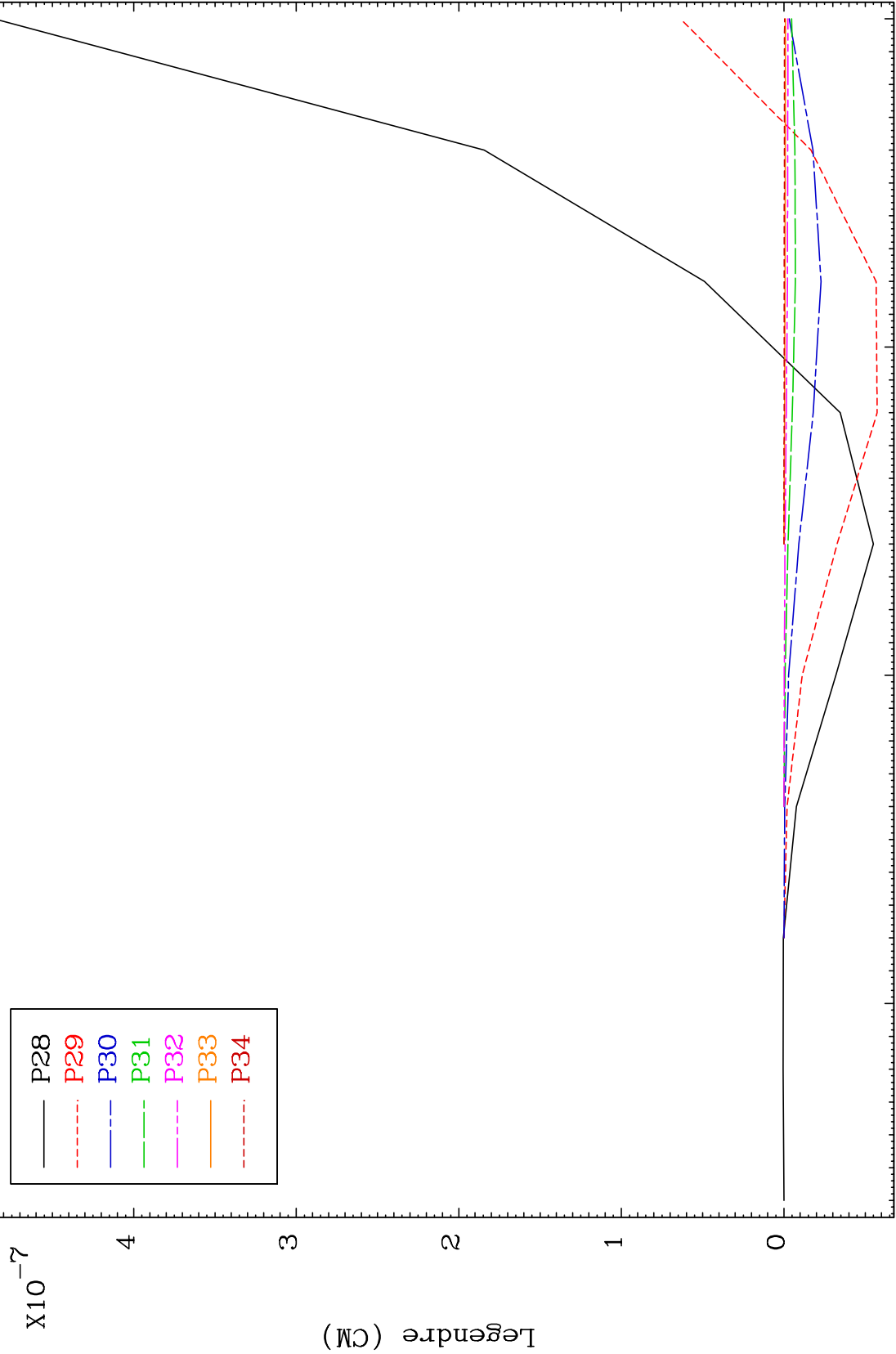
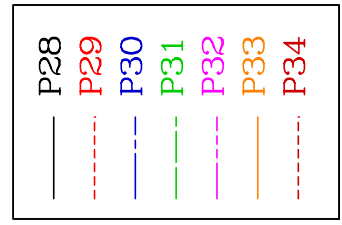
Incident Energy (MeV)

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Elastic Legendre Coefficients

57-La-121



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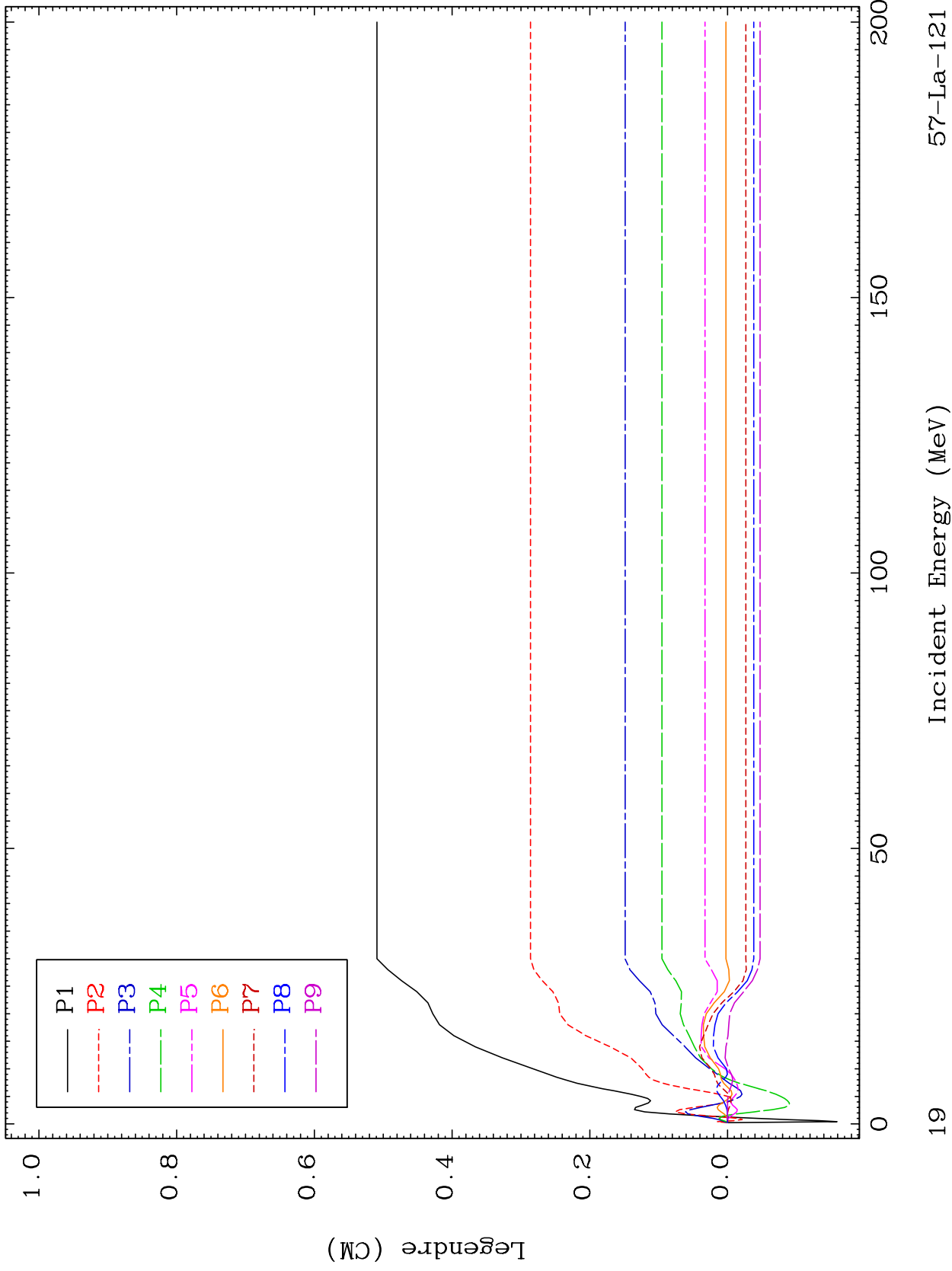
Incident Energy (MeV)

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214.9 keV (n,n') Level
Legendre Coefficients

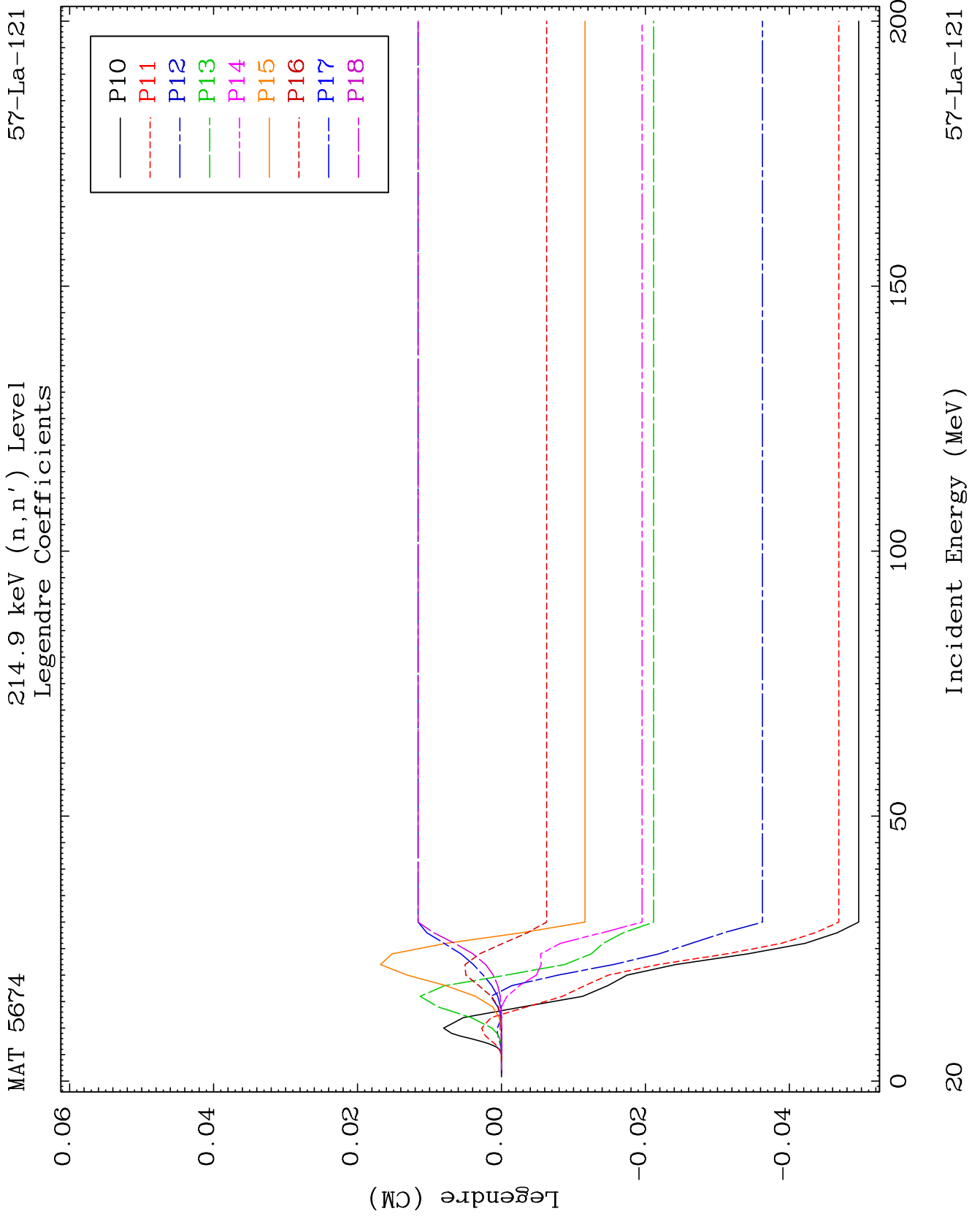
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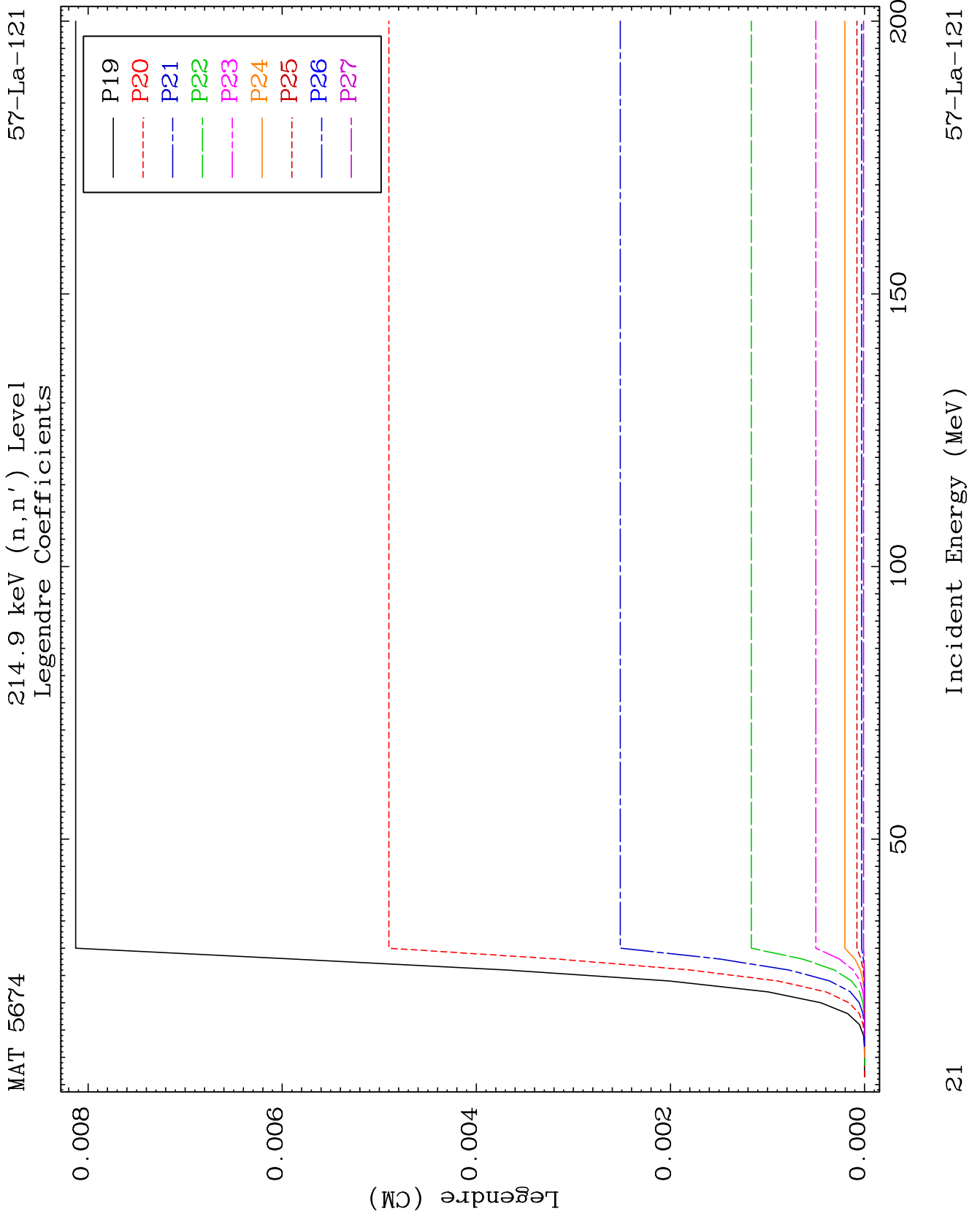


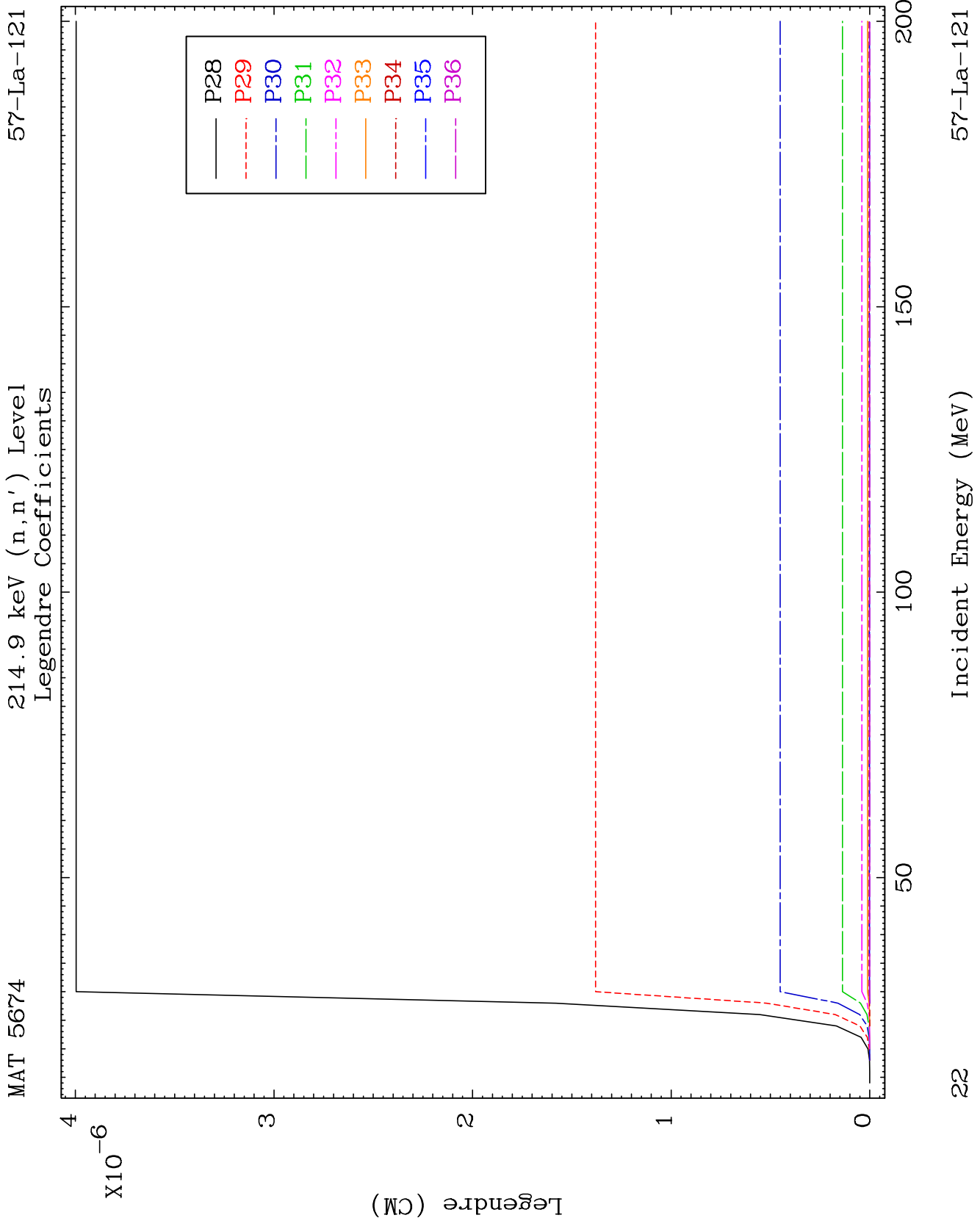
57-La-121

Incident Energy (MeV)

19





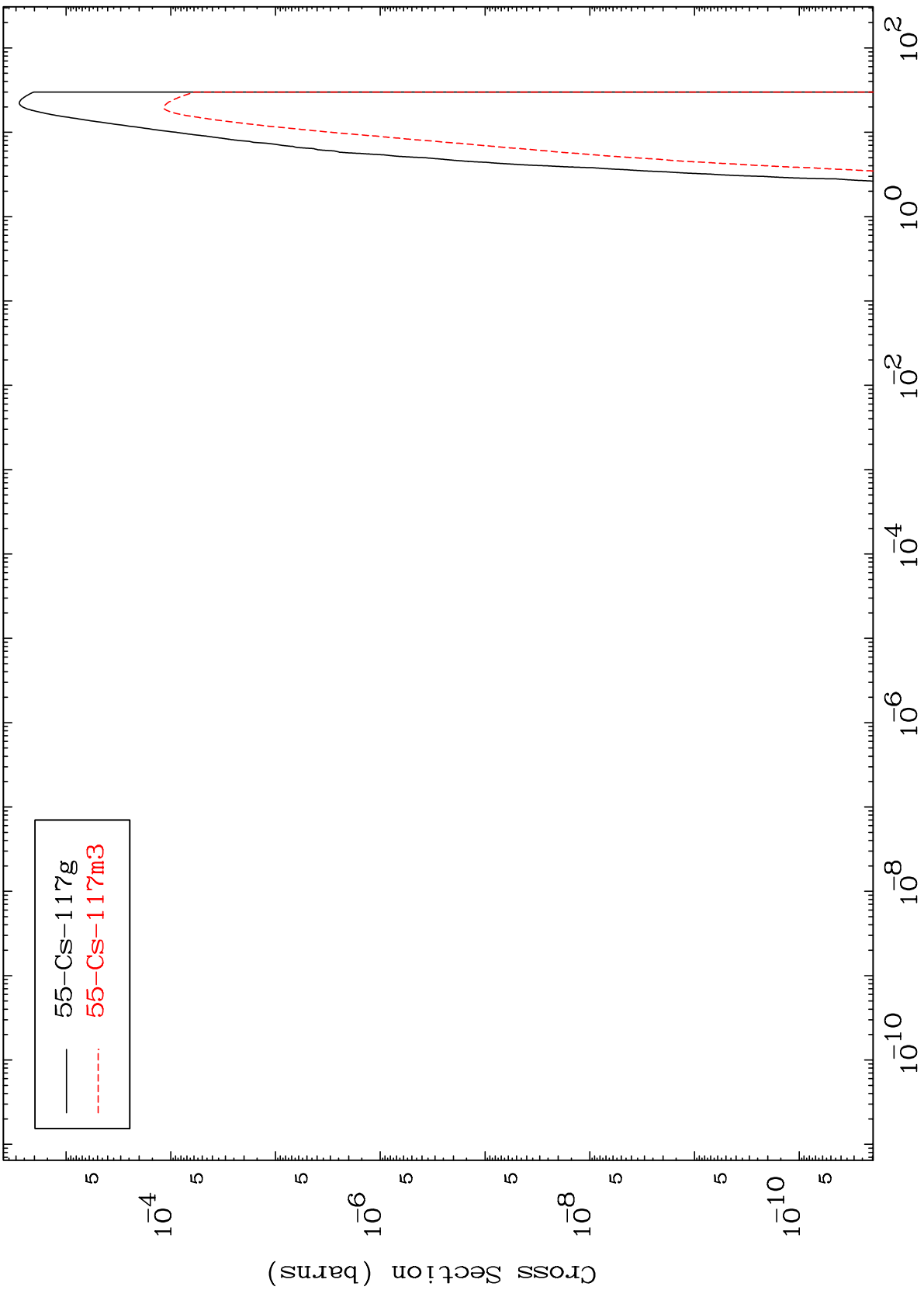


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(n,n') α

57-La-121

Radionuclide Production Cross Section

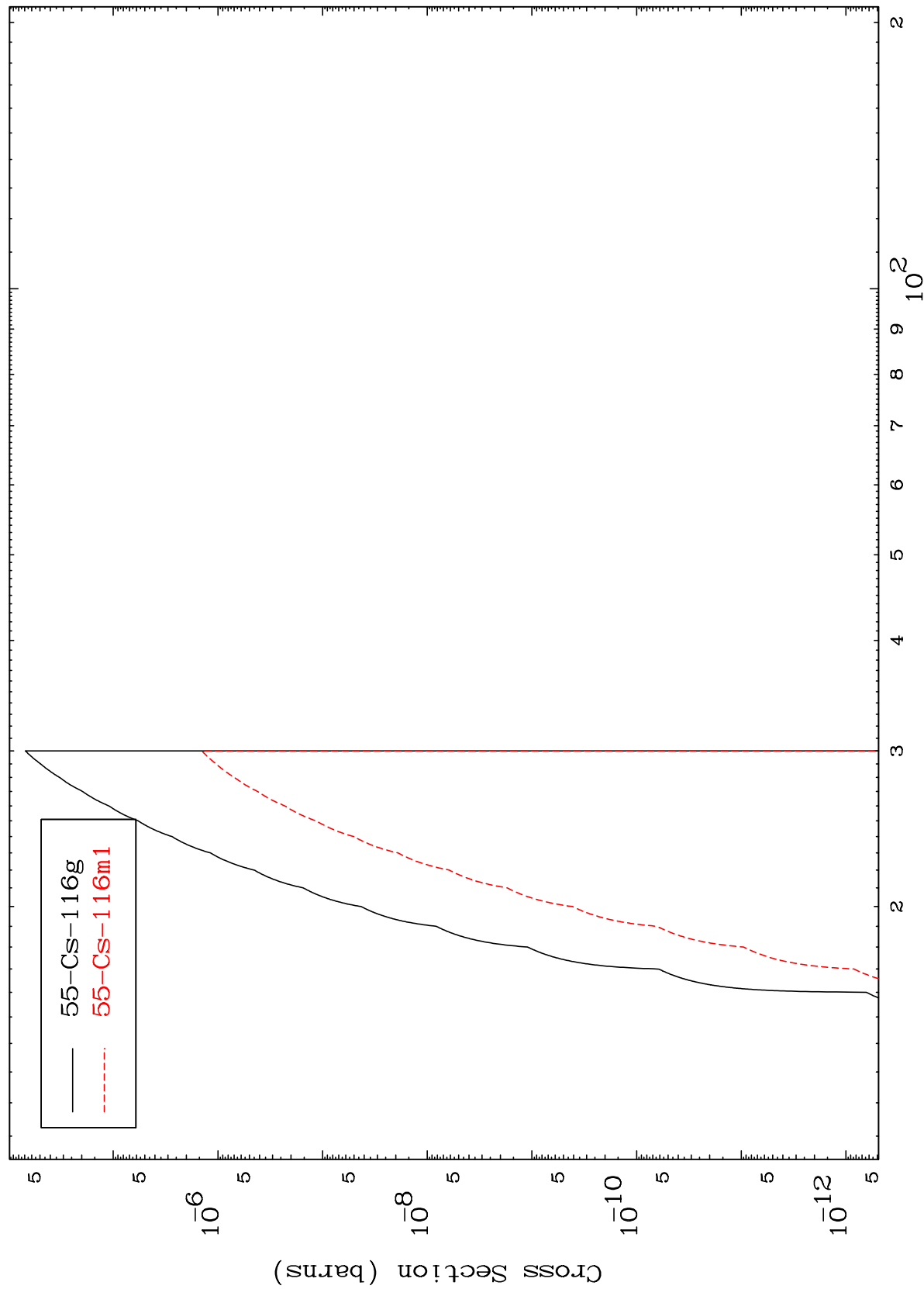


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(n,2n) α

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Radionuclide Production Cross Section



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Incident Energy (MeV)

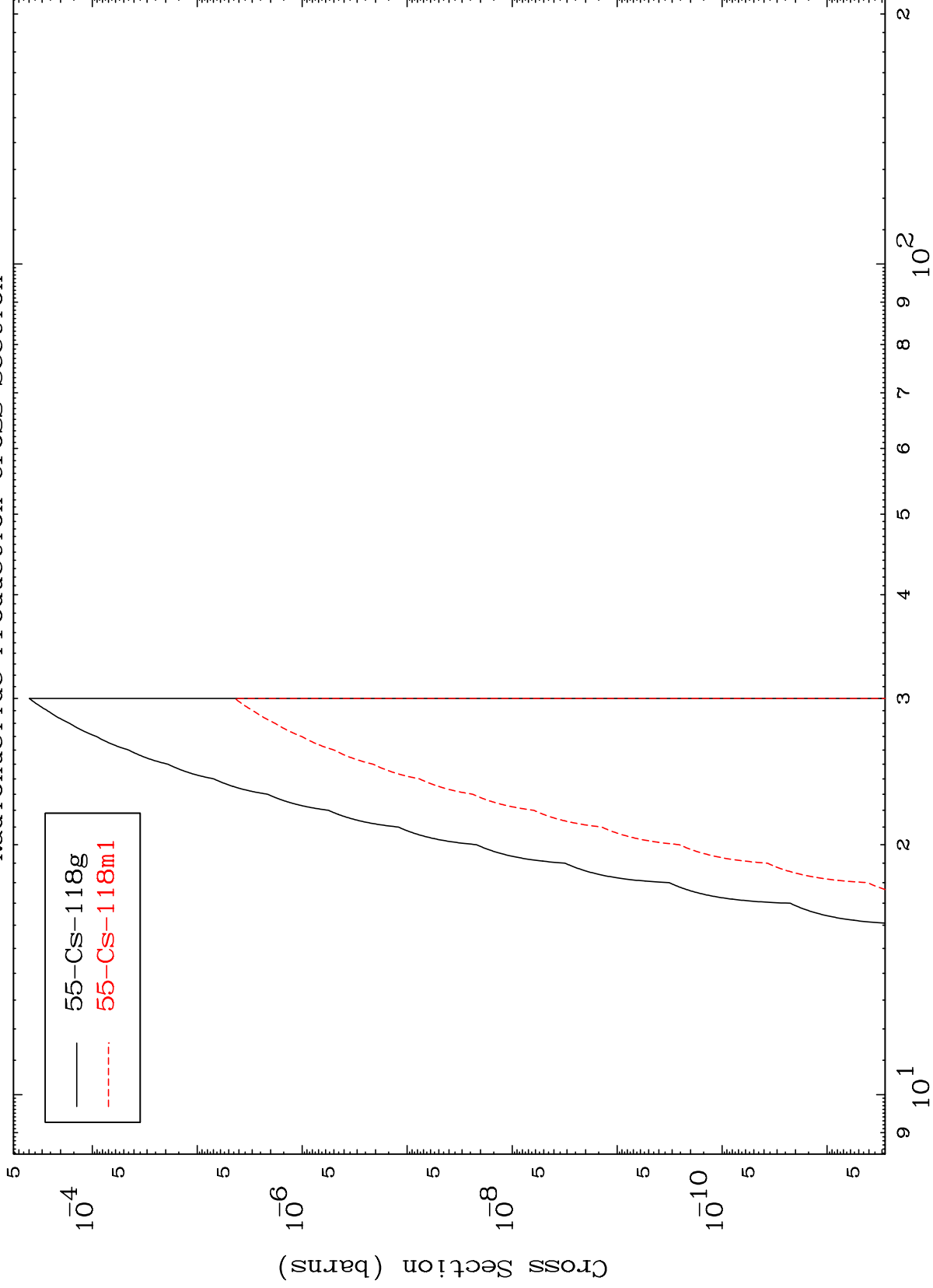
57-La-121

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(n,n') He-3

57-La-121

Radionuclide Production Cross Section



25

Incident Energy (MeV)

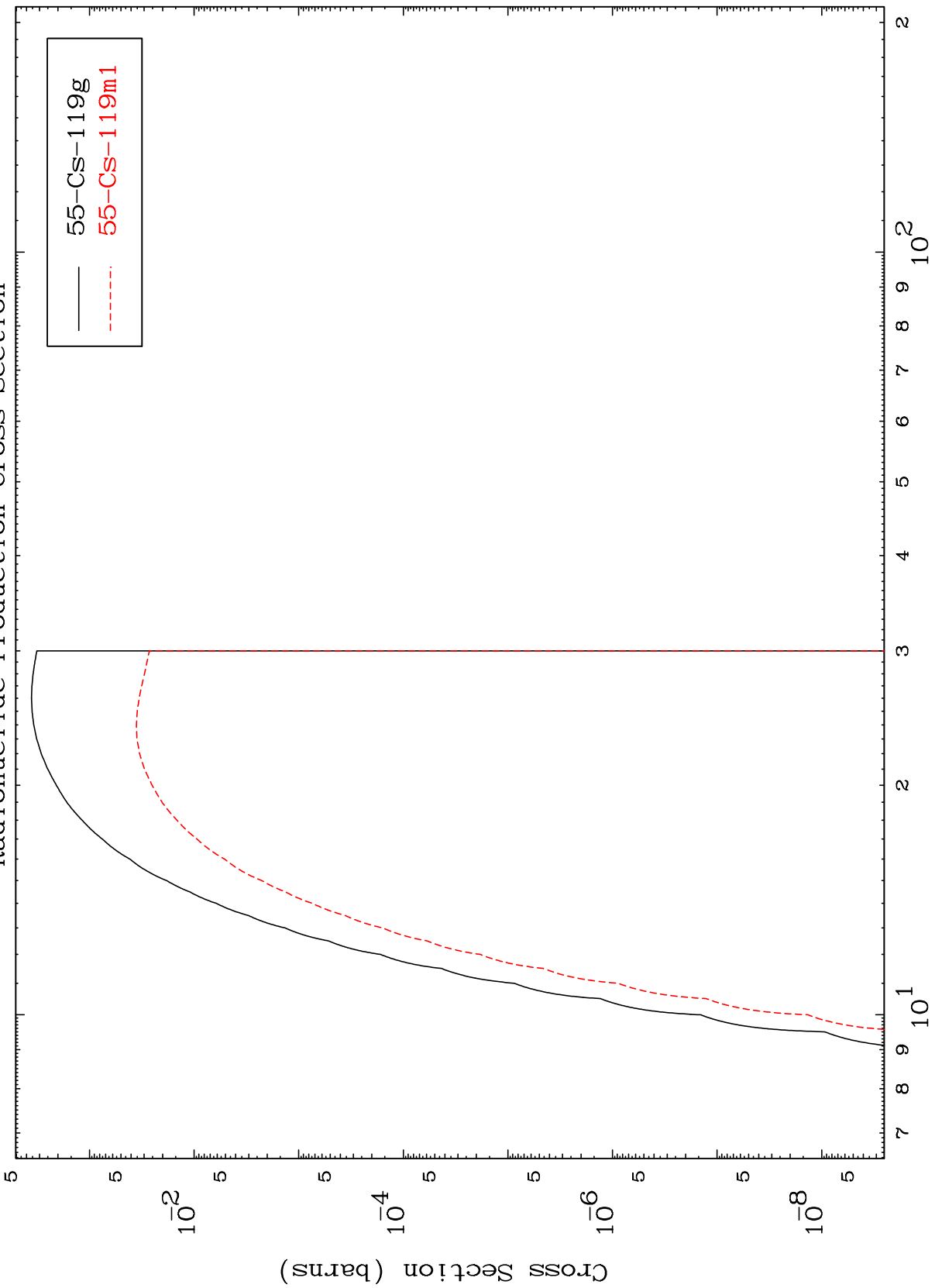
57-La-121

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(n,2n) p

57-La-121

Radionuclide Production Cross Section



55-Cs-119g
55-Cs-119m1

26

Incident Energy (MeV)

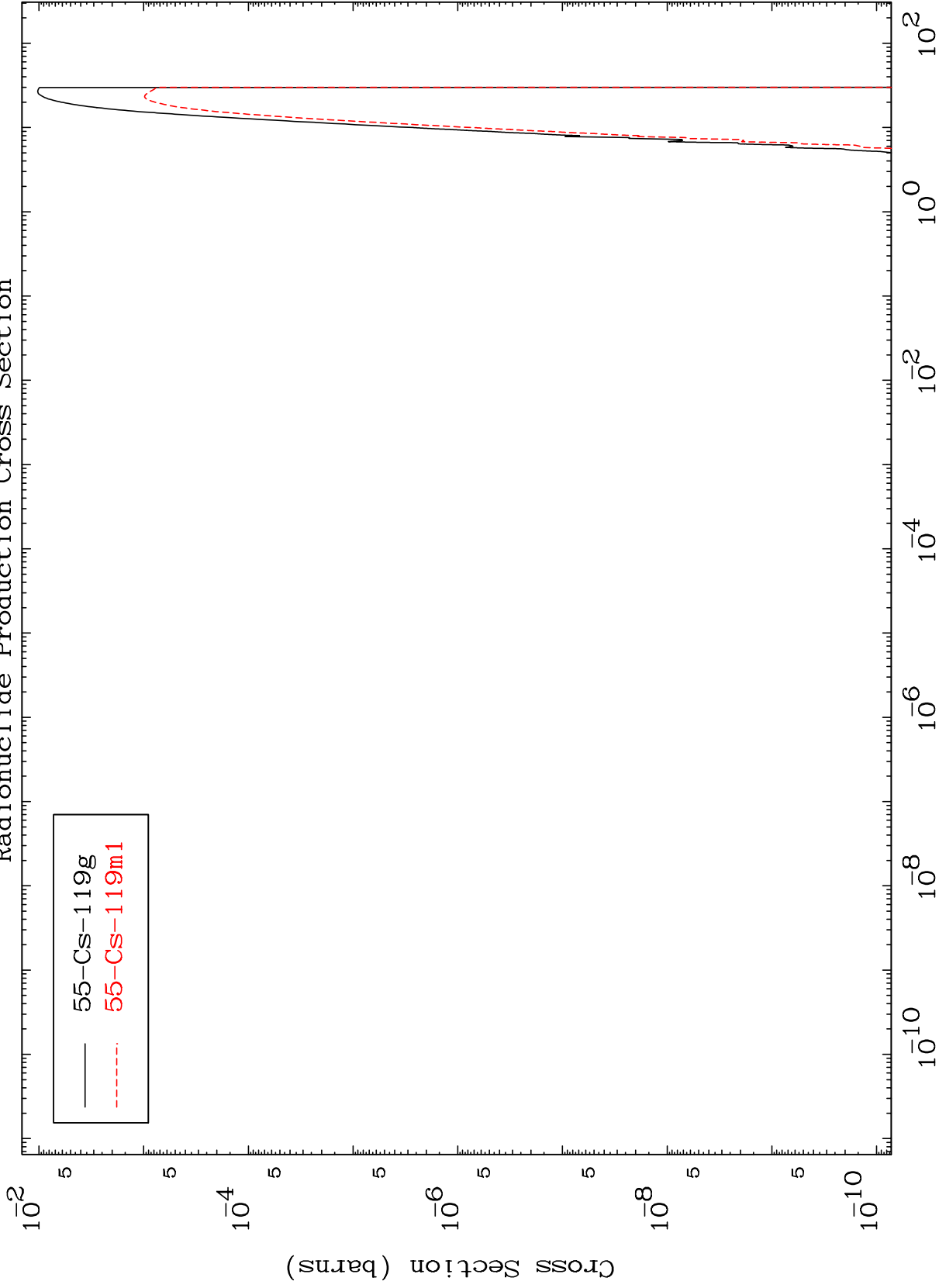
57-La-121

MAT 5674

(n,He-3)

57-La-121

Radionuclide Production Cross Section



55-Cs-119g
55-Cs-119m1

57-La-121

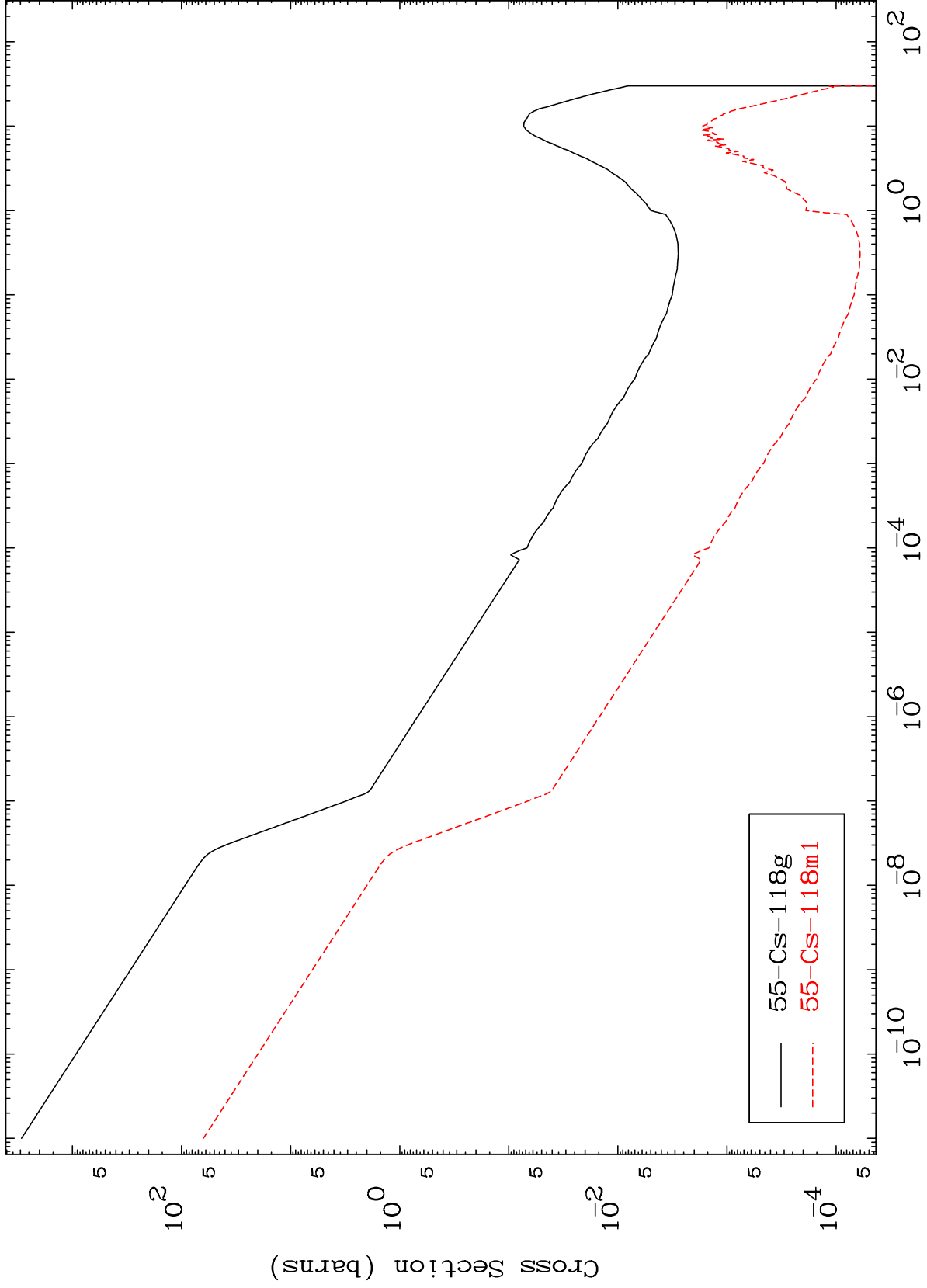
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Radionuclide Production Cross Section

(n, α)



28

Incident Energy (MeV)

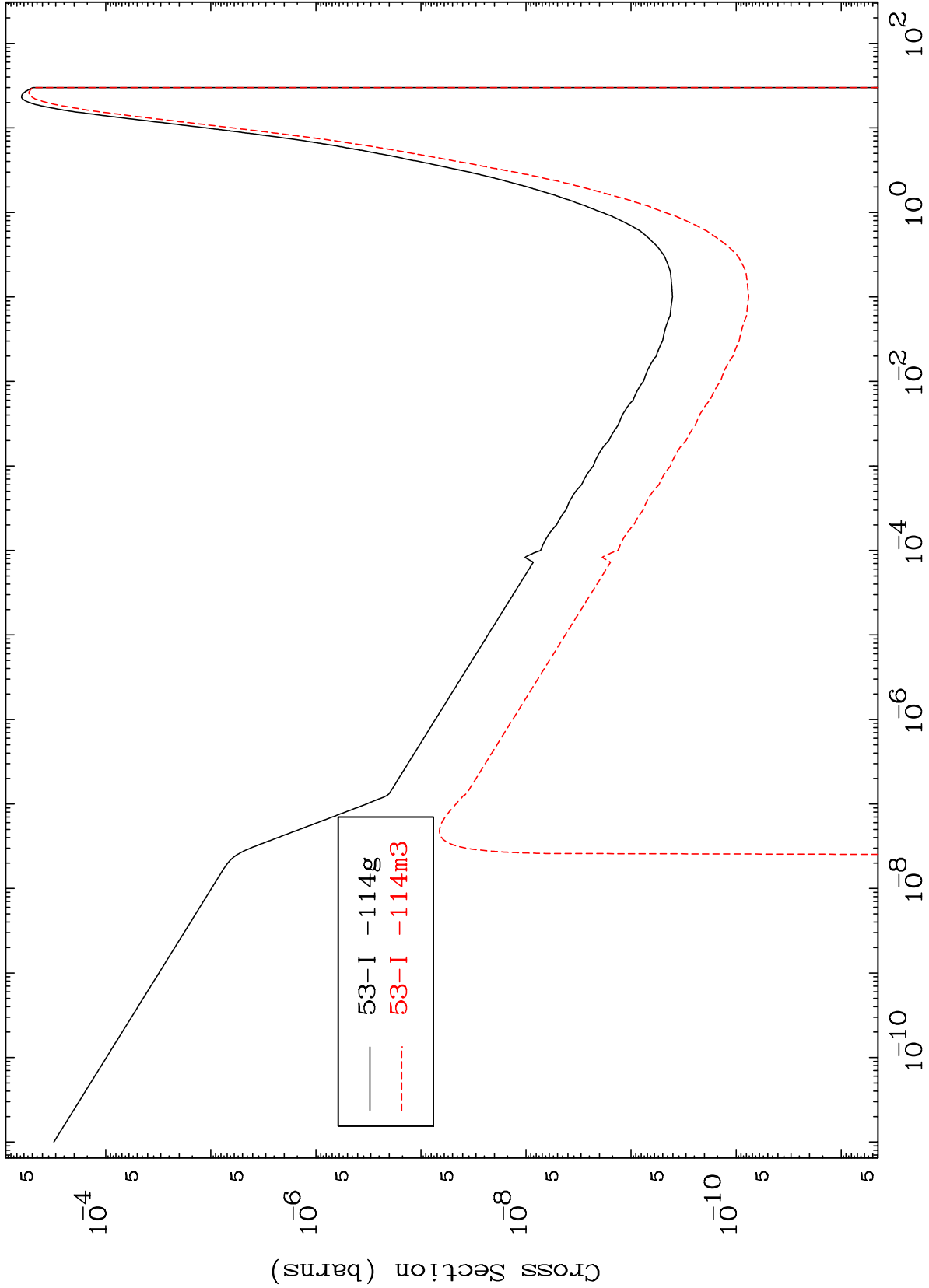
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(n,2α)

57-La-121

Radionuclide Production Cross Section

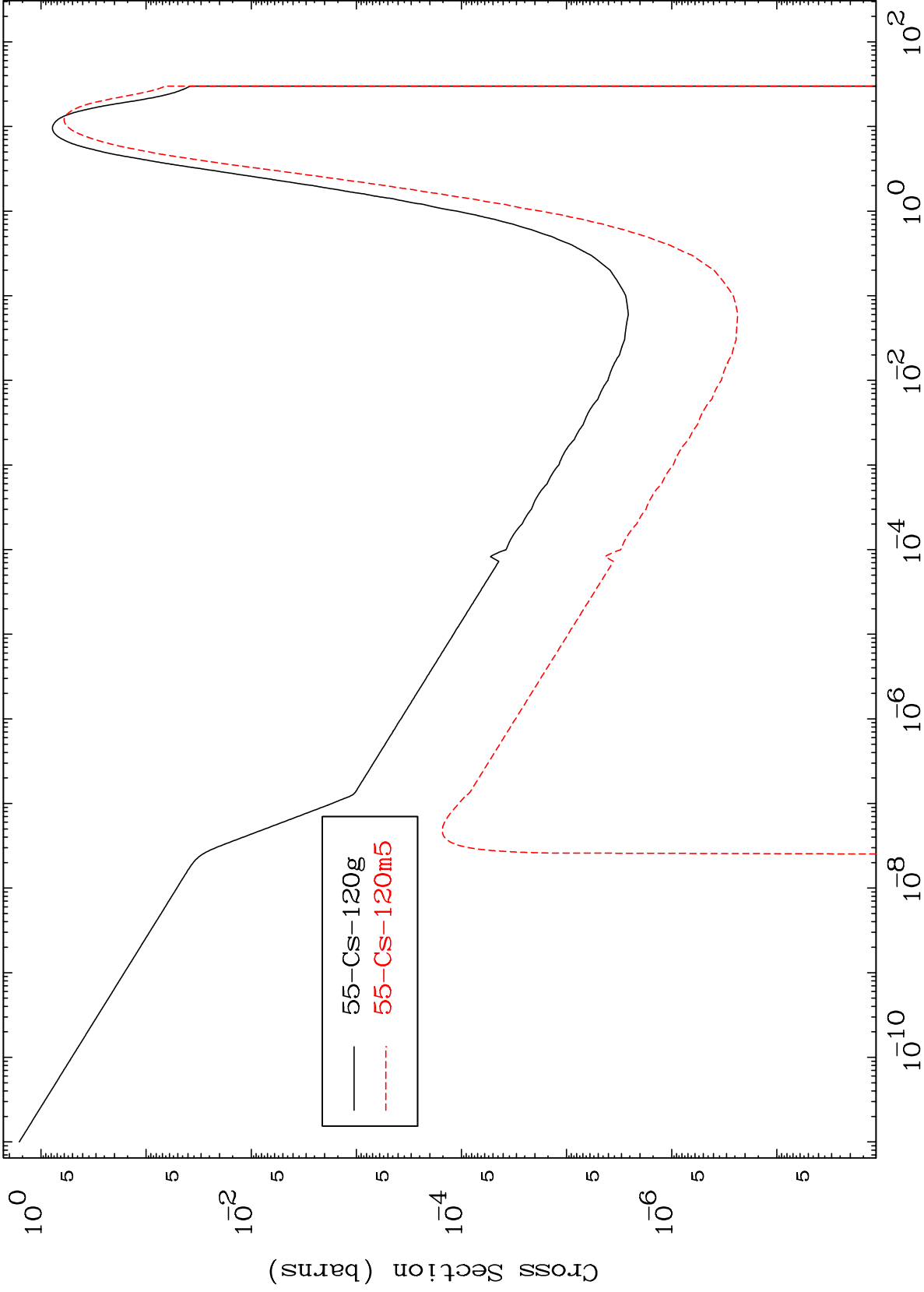


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(n,2p)

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Radionuclide Production Cross Section



30

Incident Energy (MeV)

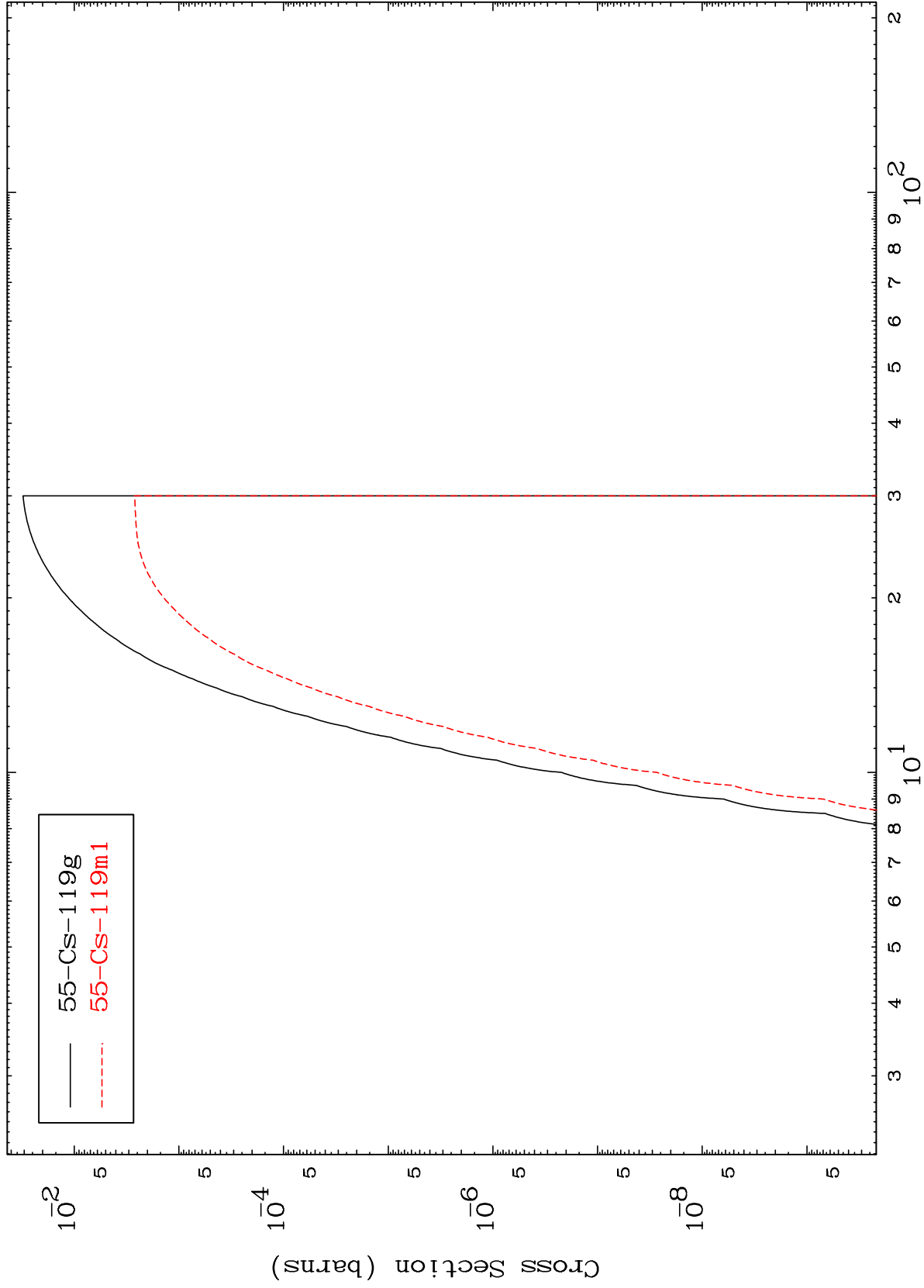
57-La-121

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(n,p) d

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Radionuclide Production Cross Section



31

Incident Energy (MeV)

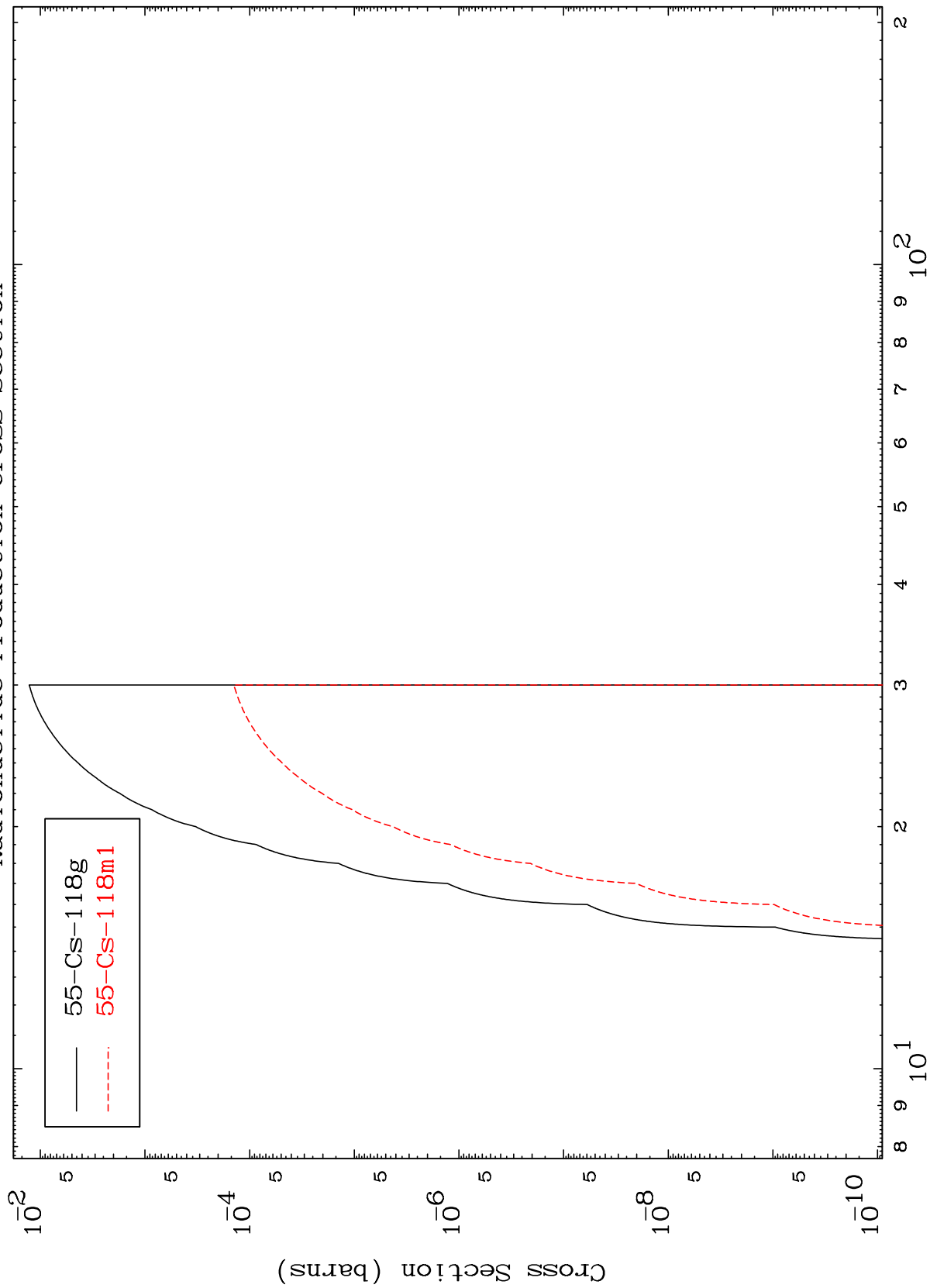
57-La-121

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(n,p) t

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Radionuclide Production Cross Section



Incident Energy (MeV)

57-La-121

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