

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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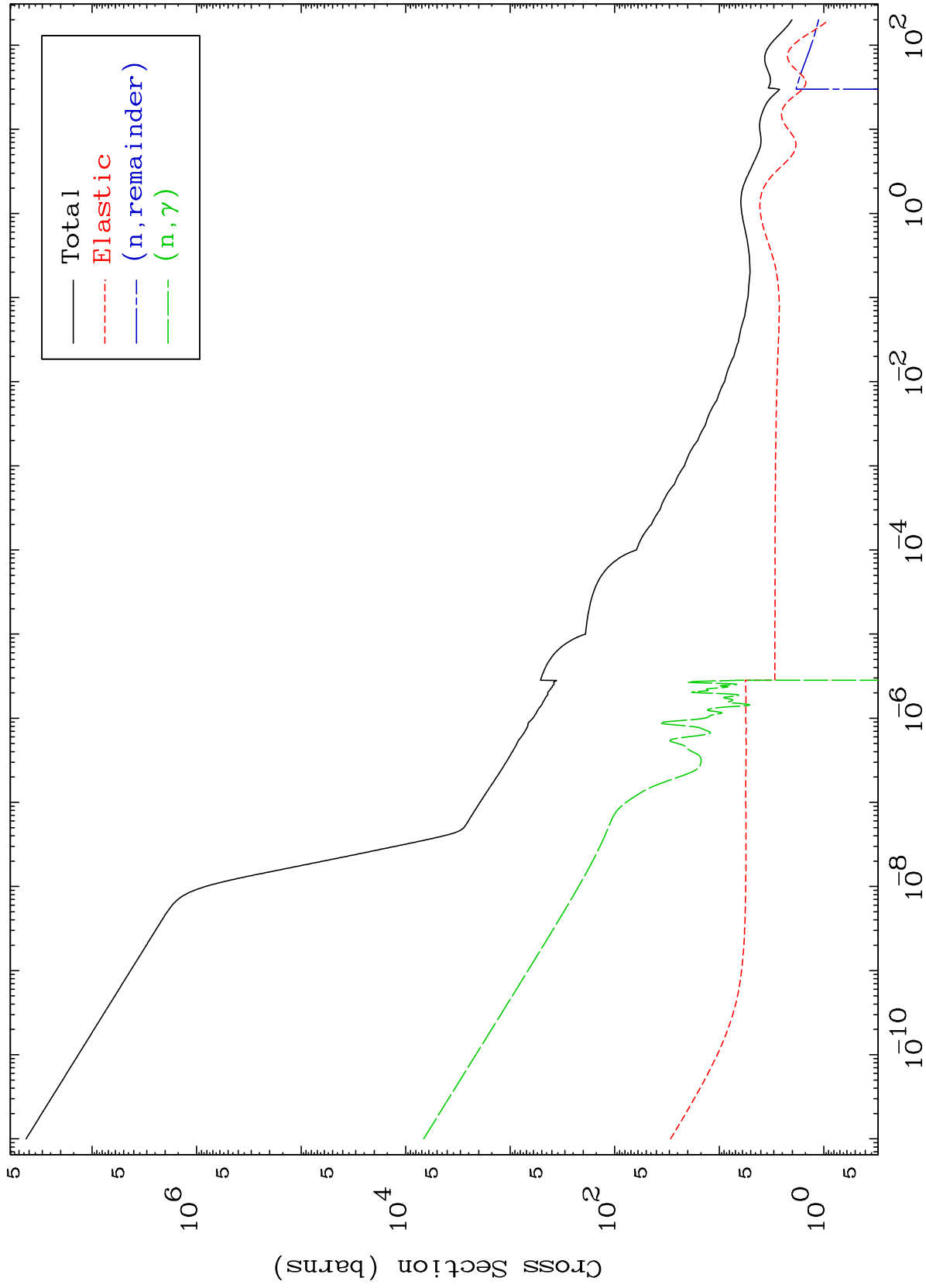
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5671

Major  
293 Kelvin Cross Sections

57-La-120



1

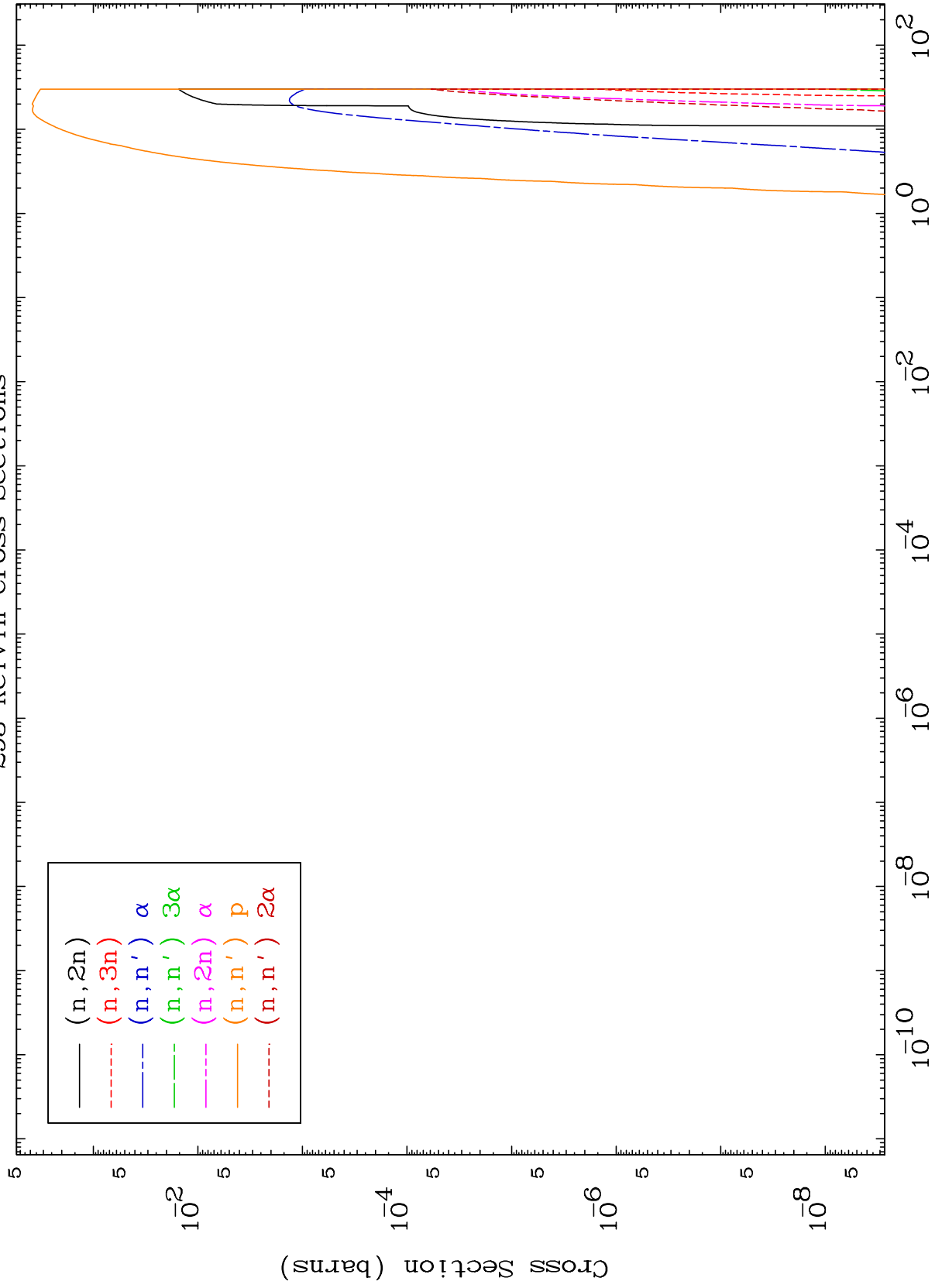
Incident Energy (MeV)

57-La-120

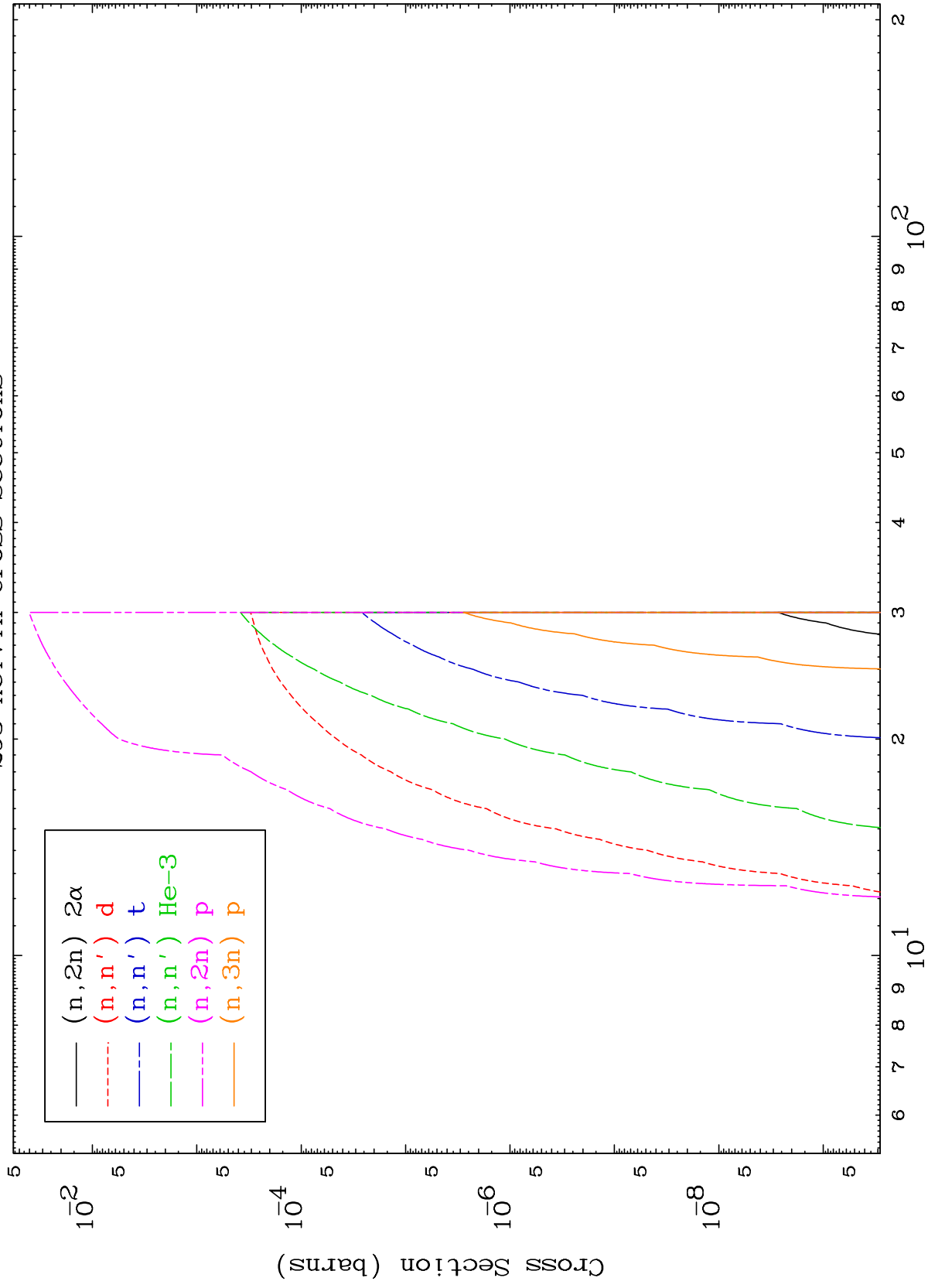
MAT 5671

Neutron Production  
293 Kelvin Cross Sections

57-La-120



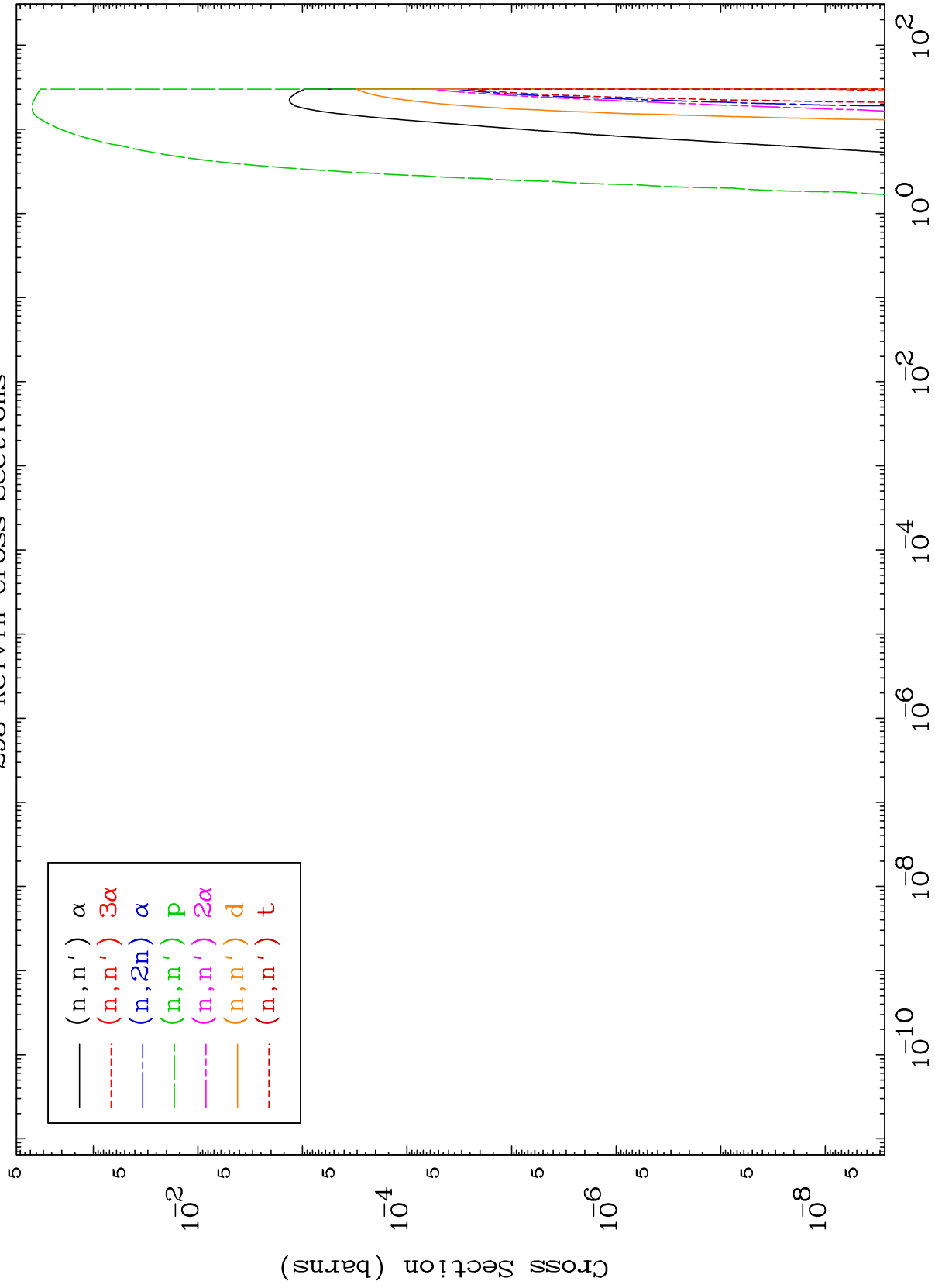
57-La-120



MAT 5671

Charged Particle  
293 Kelvin Cross Sections

57-La-120

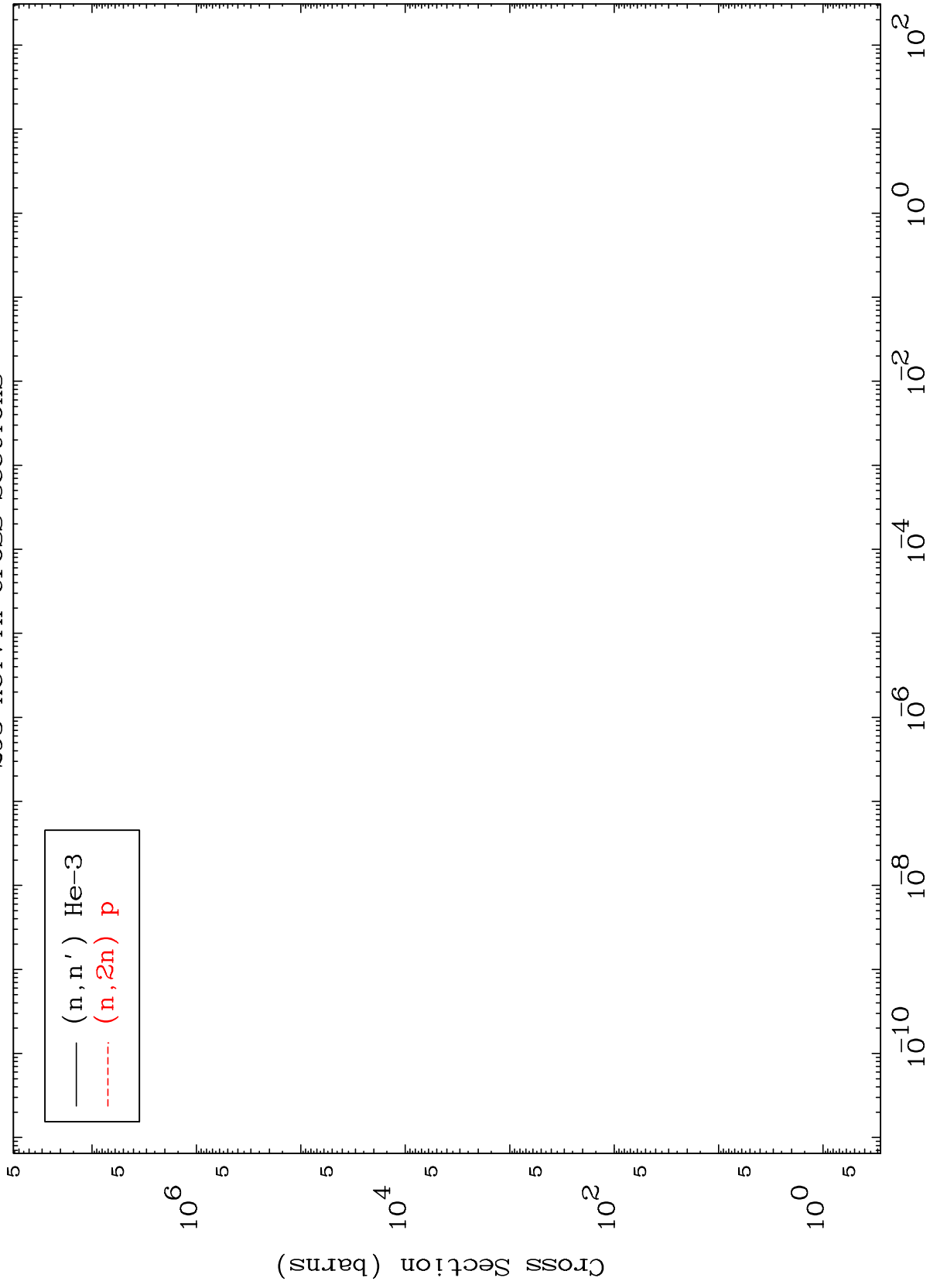


57-La-120

MAT 5671

Charged Particle  
293 Kelvin Cross Sections

57-La-120



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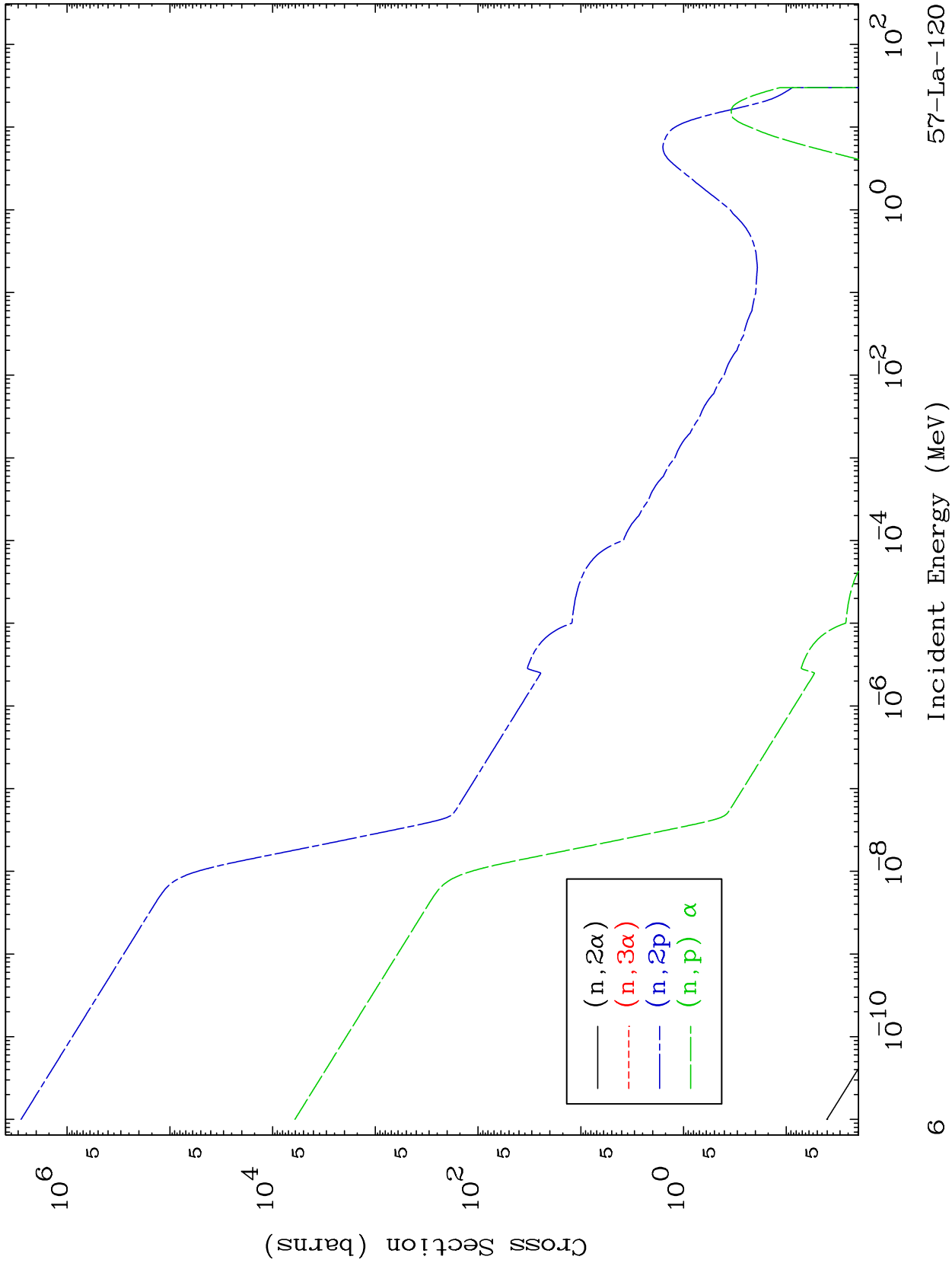
Incident Energy (MeV)

57-La-120

MAT 5671

Charged Particle  
293 Kelvin Cross Sections

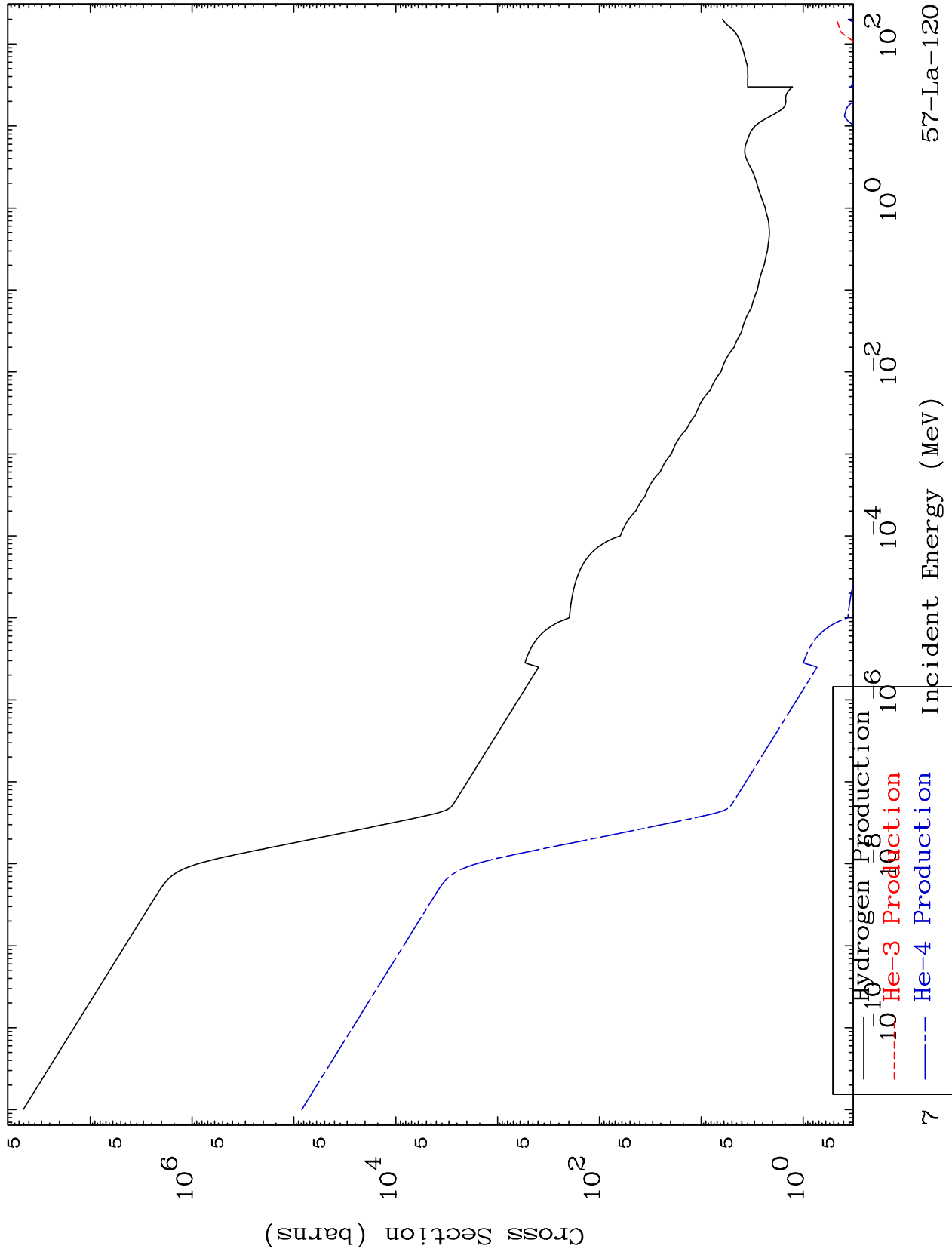
57-La-120



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Particle Production  
293 Kelvin Cross Sections

57-La-120

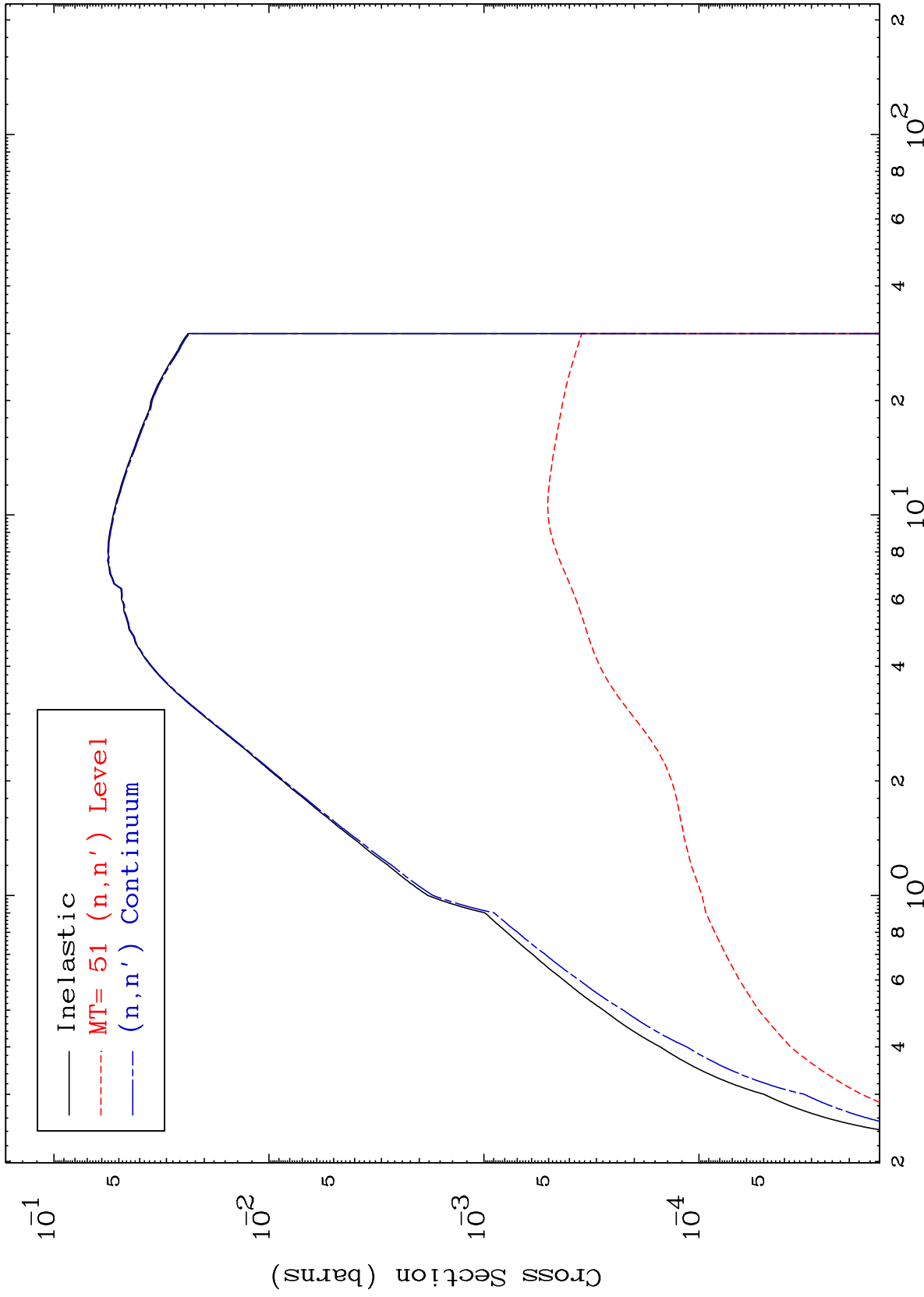




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293 Kelvin Cross Sections  
(n,n') Level

57-La-120



8

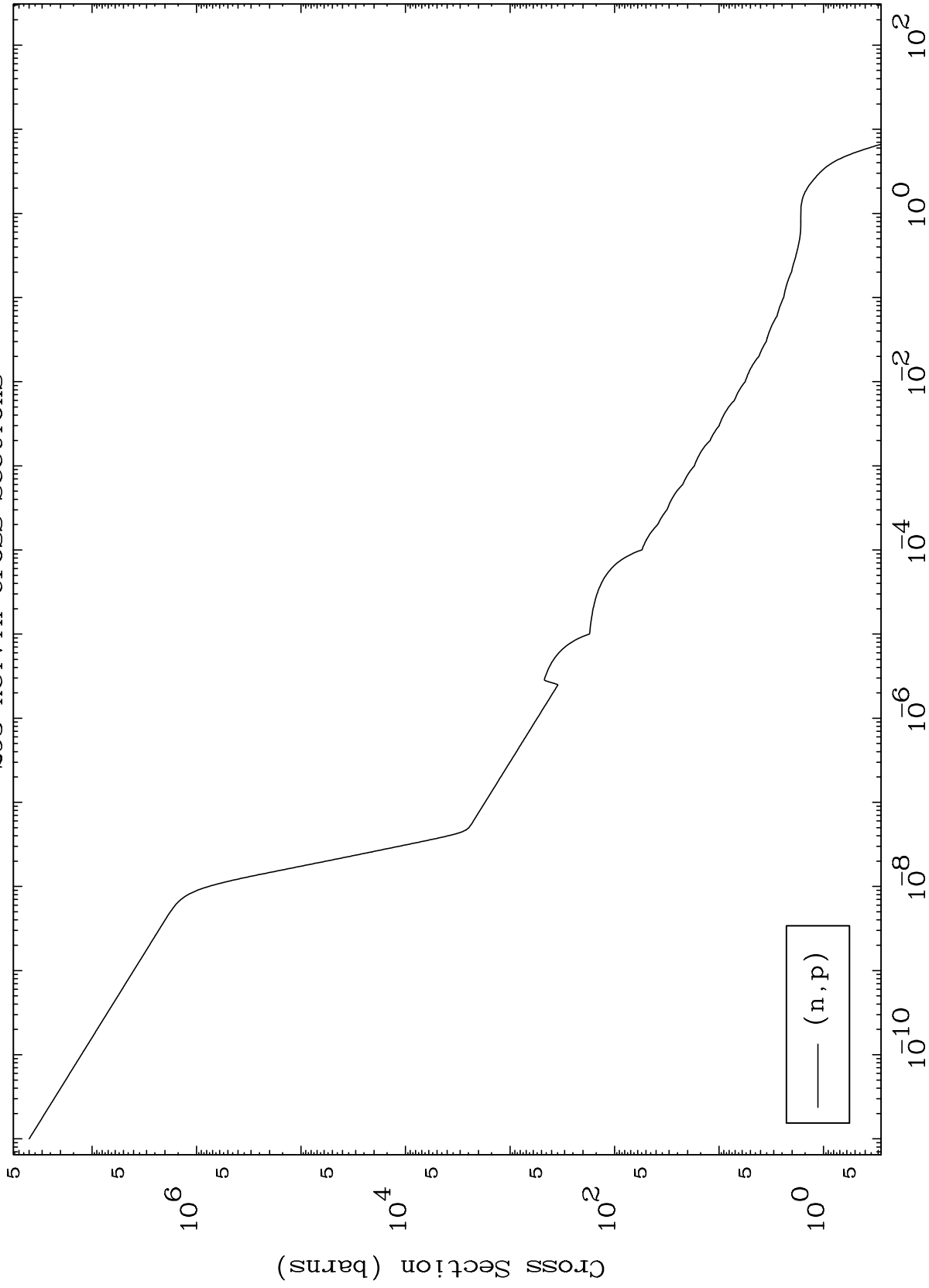
Incident Energy (MeV)

57-La-120

MAT 5671

(n,p) Levels  
293 Kelvin Cross Sections

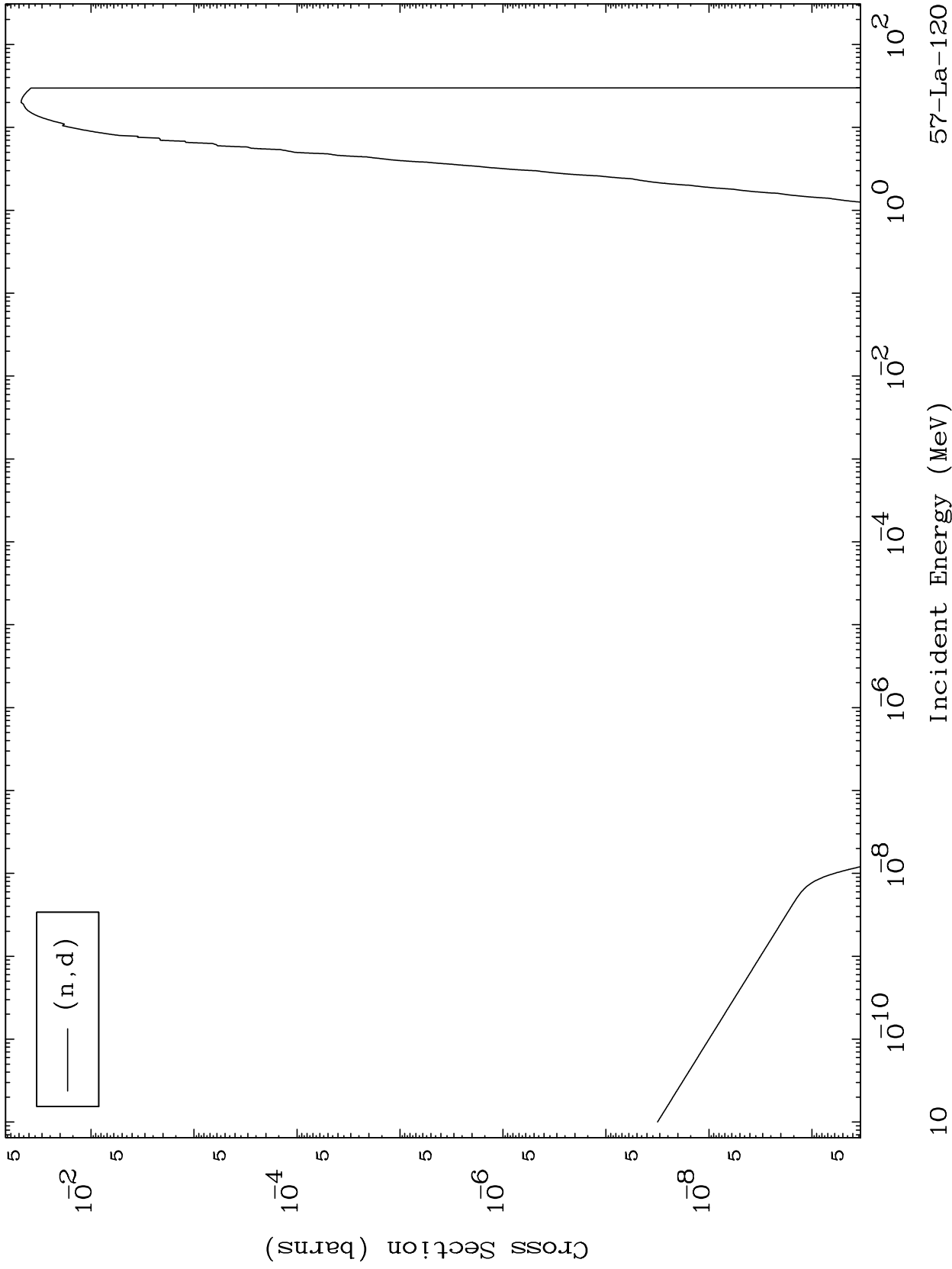
57-La-120



MAT 5671

(n,d) Levels  
293 Kelvin Cross Sections

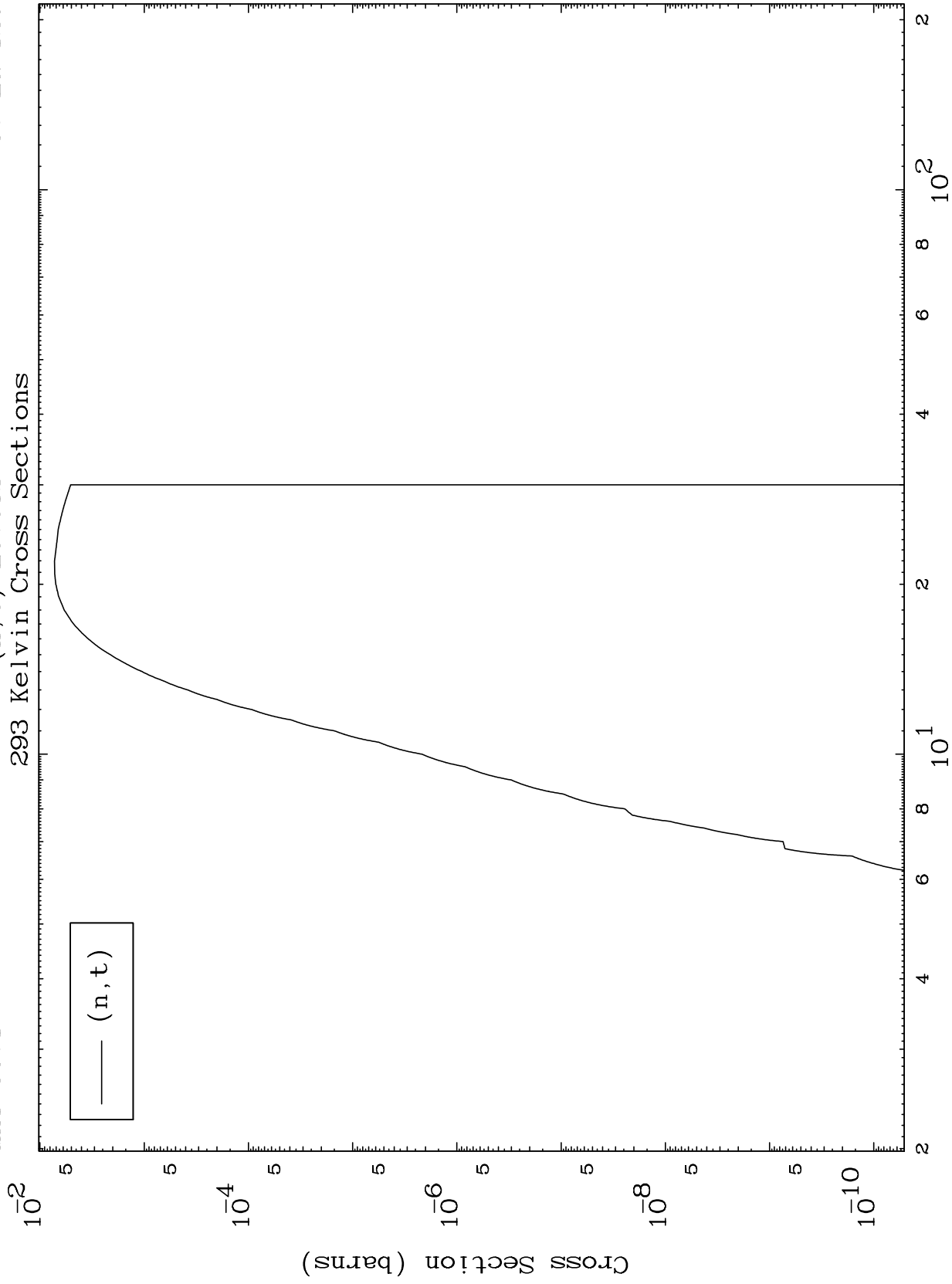
57-La-120



MAT 5671

(n,t) Levels  
293 Kelvin Cross Sections

57-La-120



11

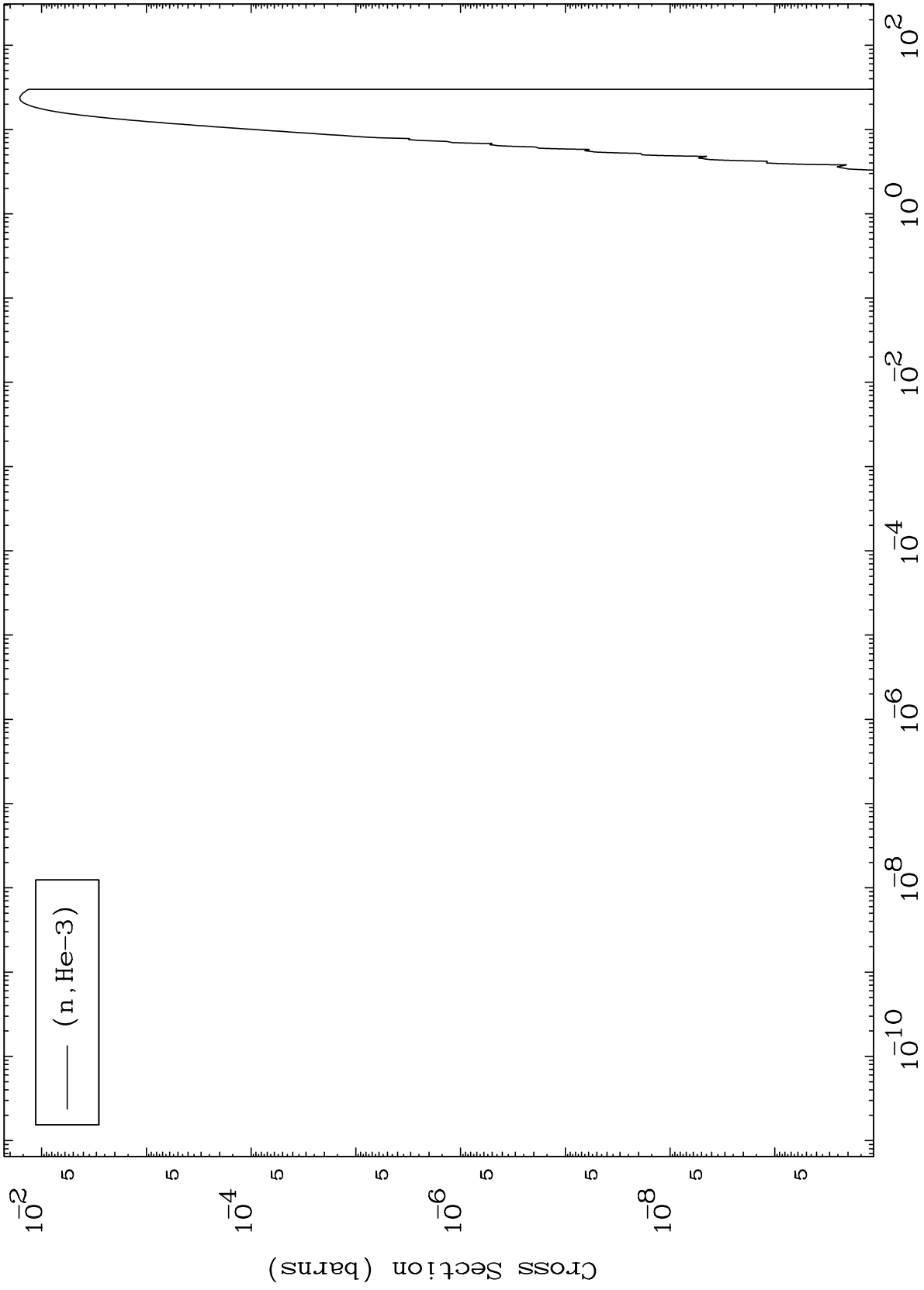
Incident Energy (MeV)

57-La-120

MAT 5671

(n,He3) Levels  
293 Kelvin Cross Sections

57-La-120



12

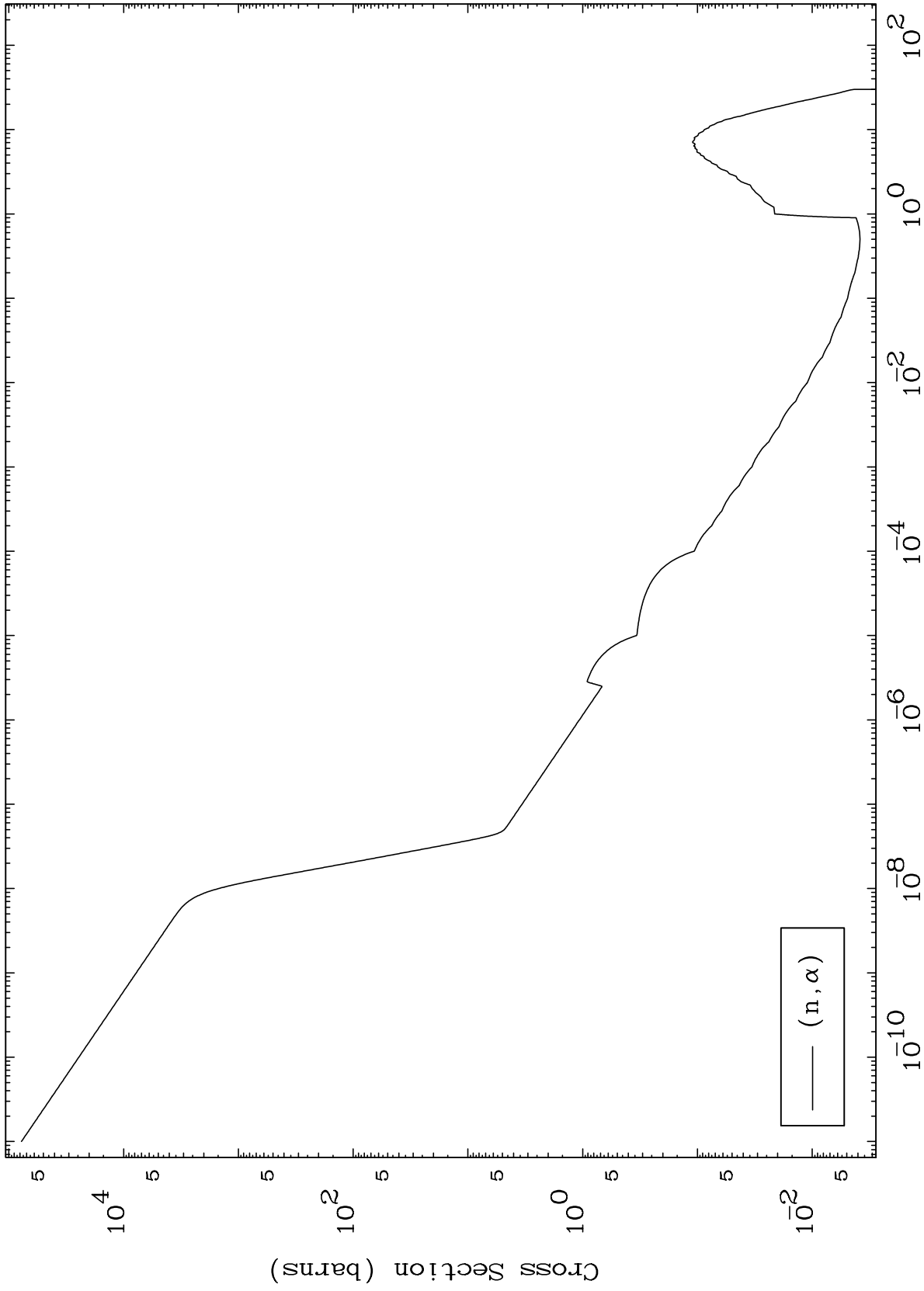
Incident Energy (MeV)

57-La-120

MAT 5671

(n,α) Levels  
293 Kelvin Cross Sections

57-La-120



13

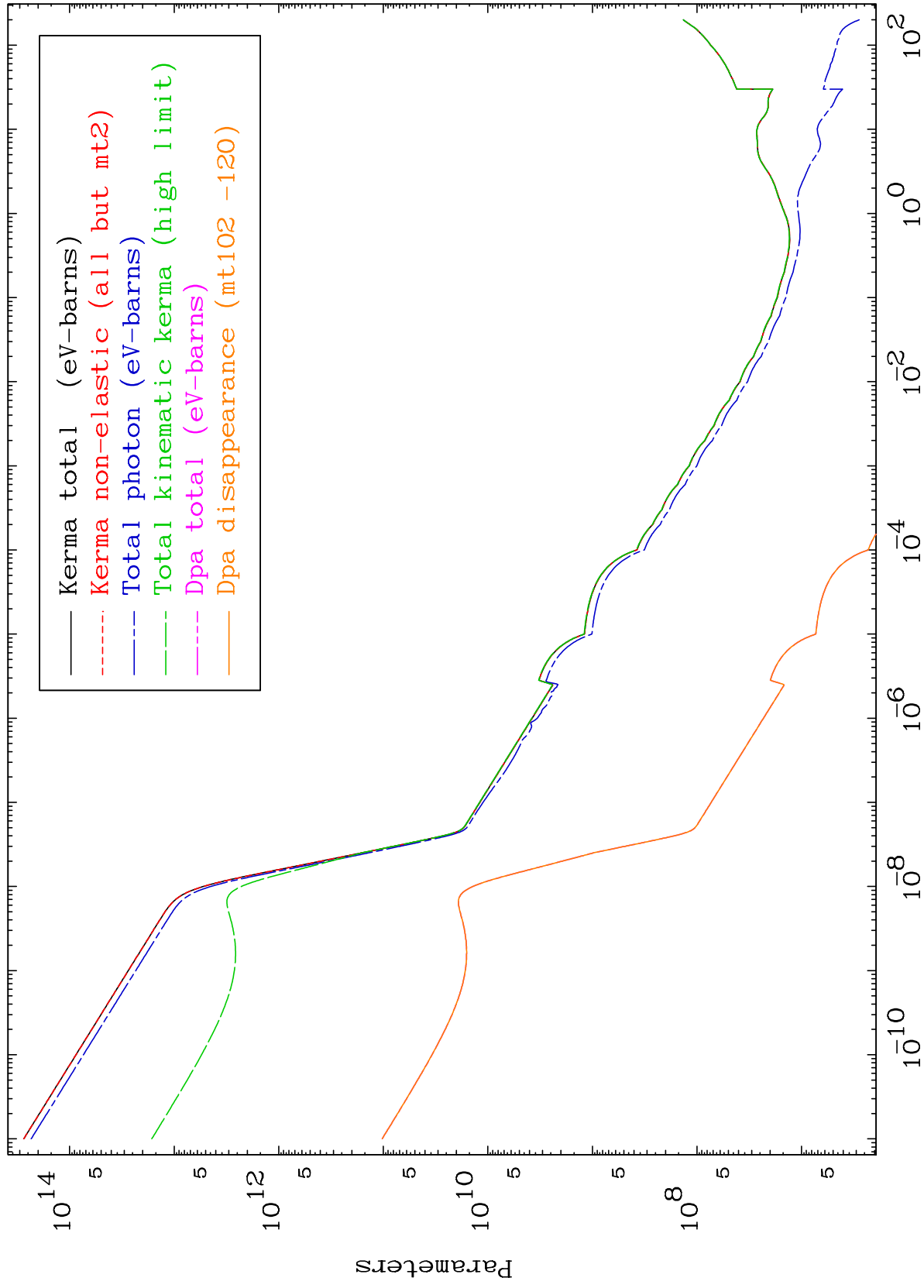
Incident Energy (MeV)

57-La-120

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Energy Release  
Parameters

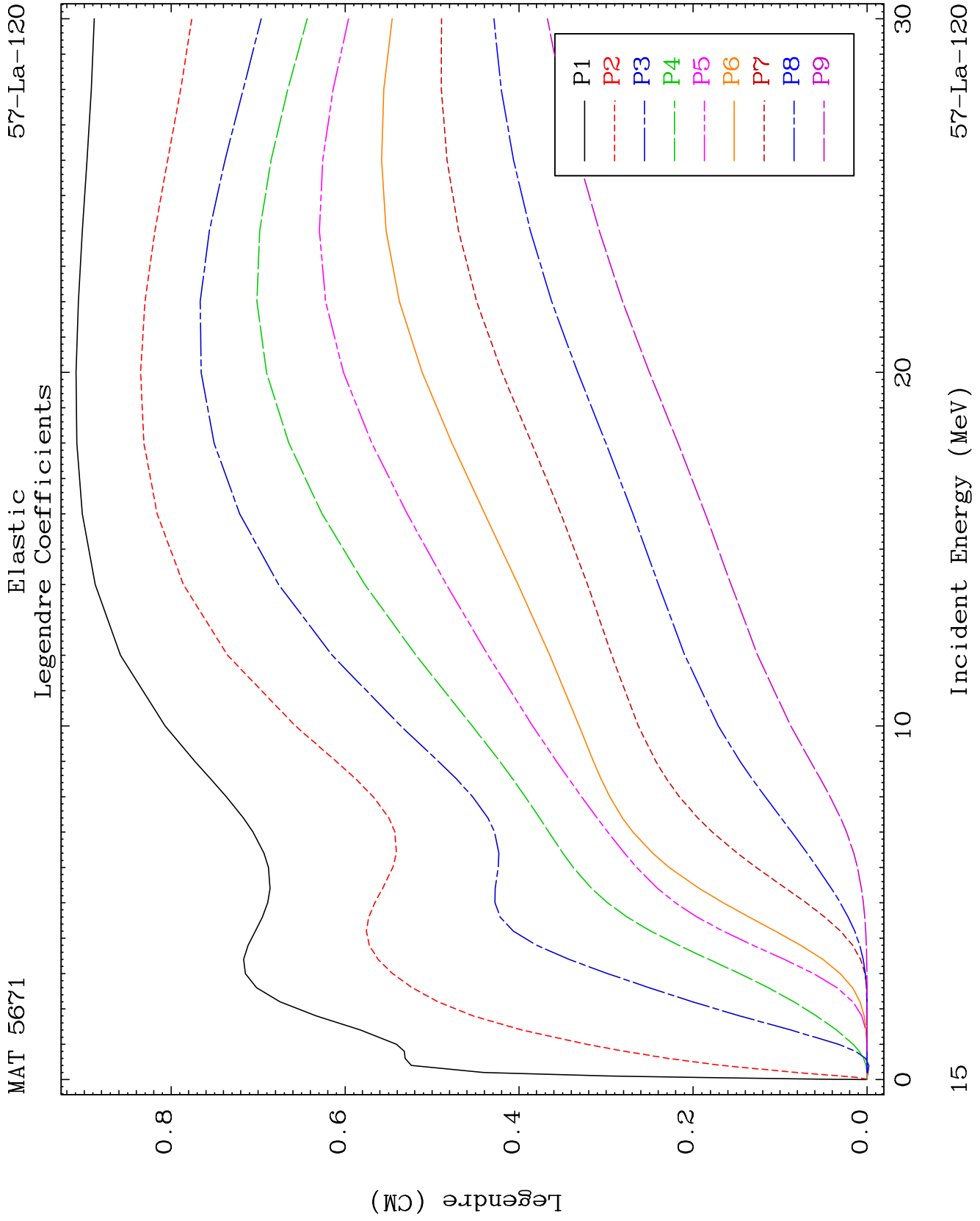
57-La-120



14

Incident Energy (MeV)

57-La-120

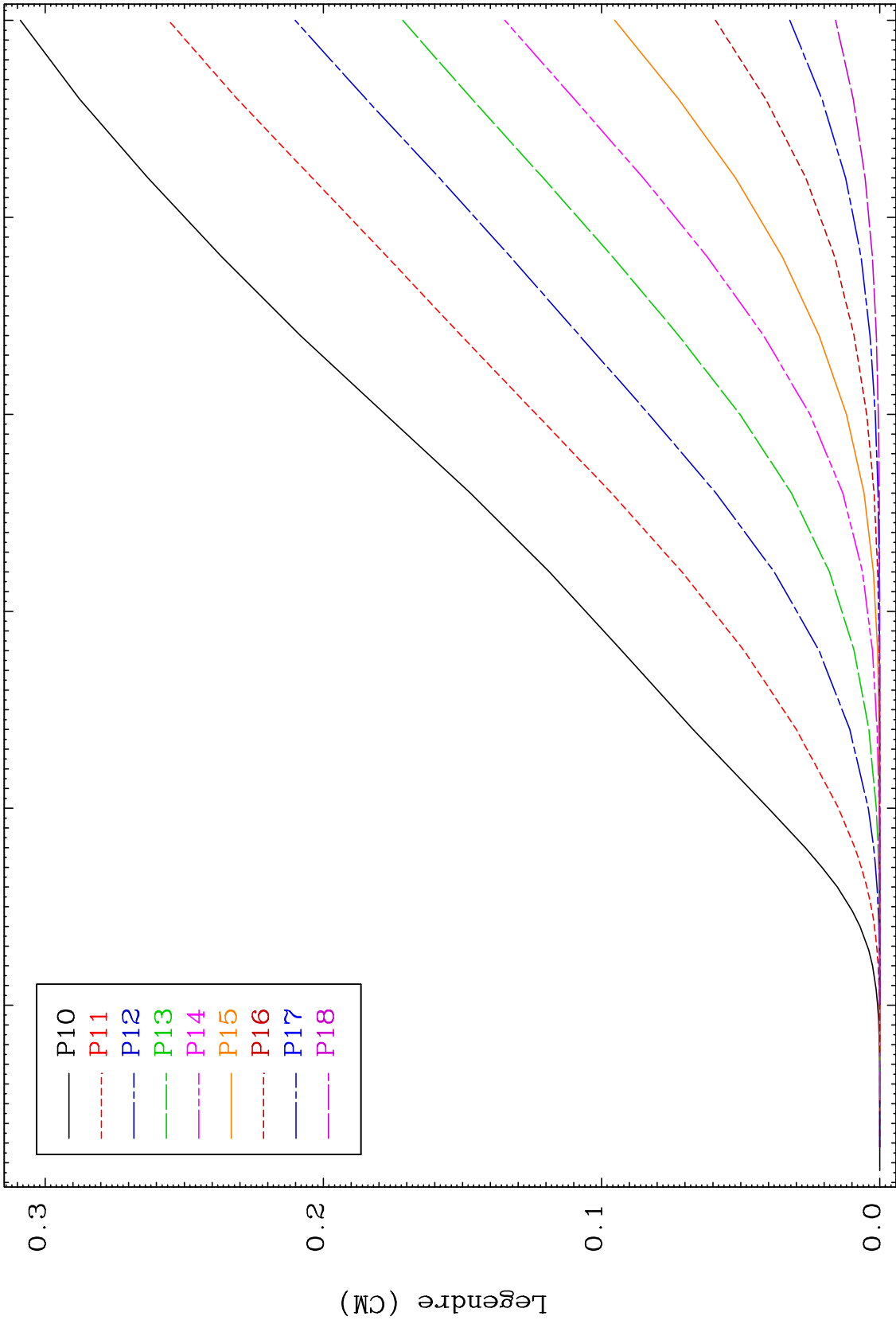




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Elastic Legendre Coefficients

57-La-120



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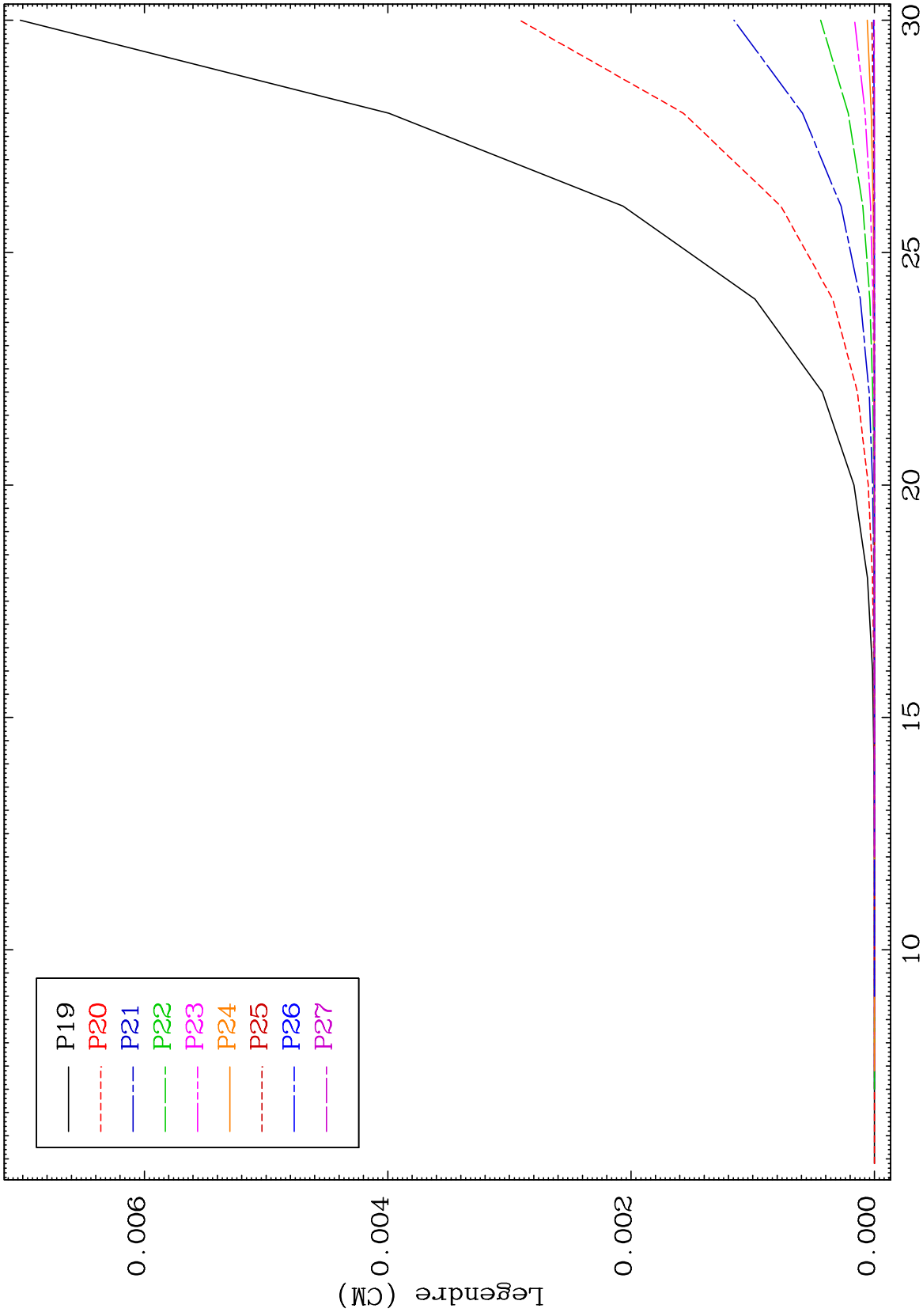
Incident Energy (MeV)

57-La-120

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### Elastic Legendre Coefficients

57-La-120



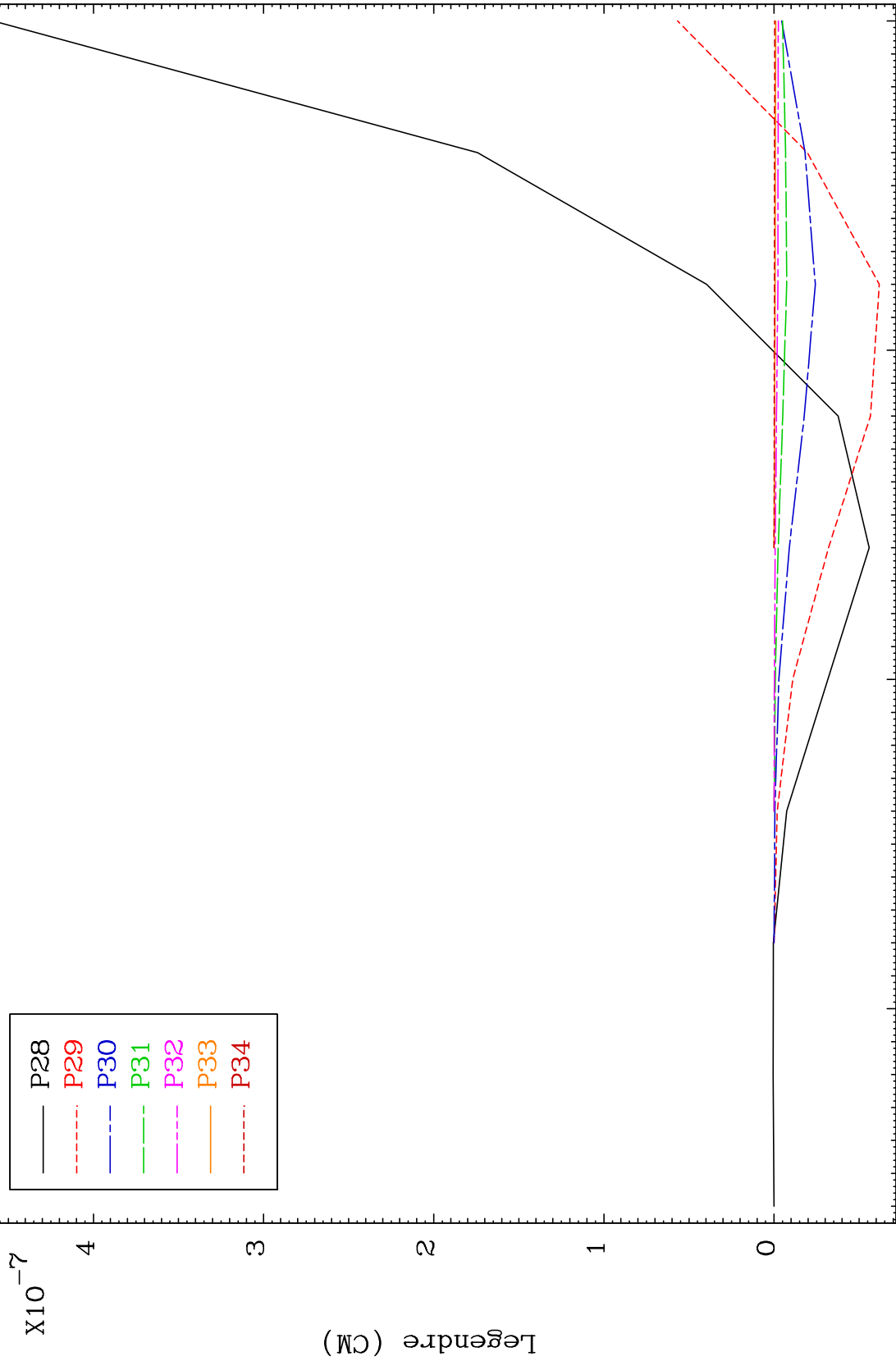
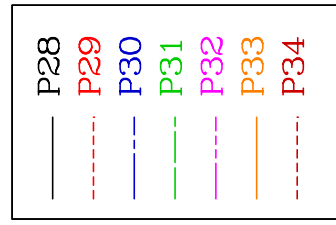
17

57-La-120

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Elastic Legendre Coefficients

57-La-120



18

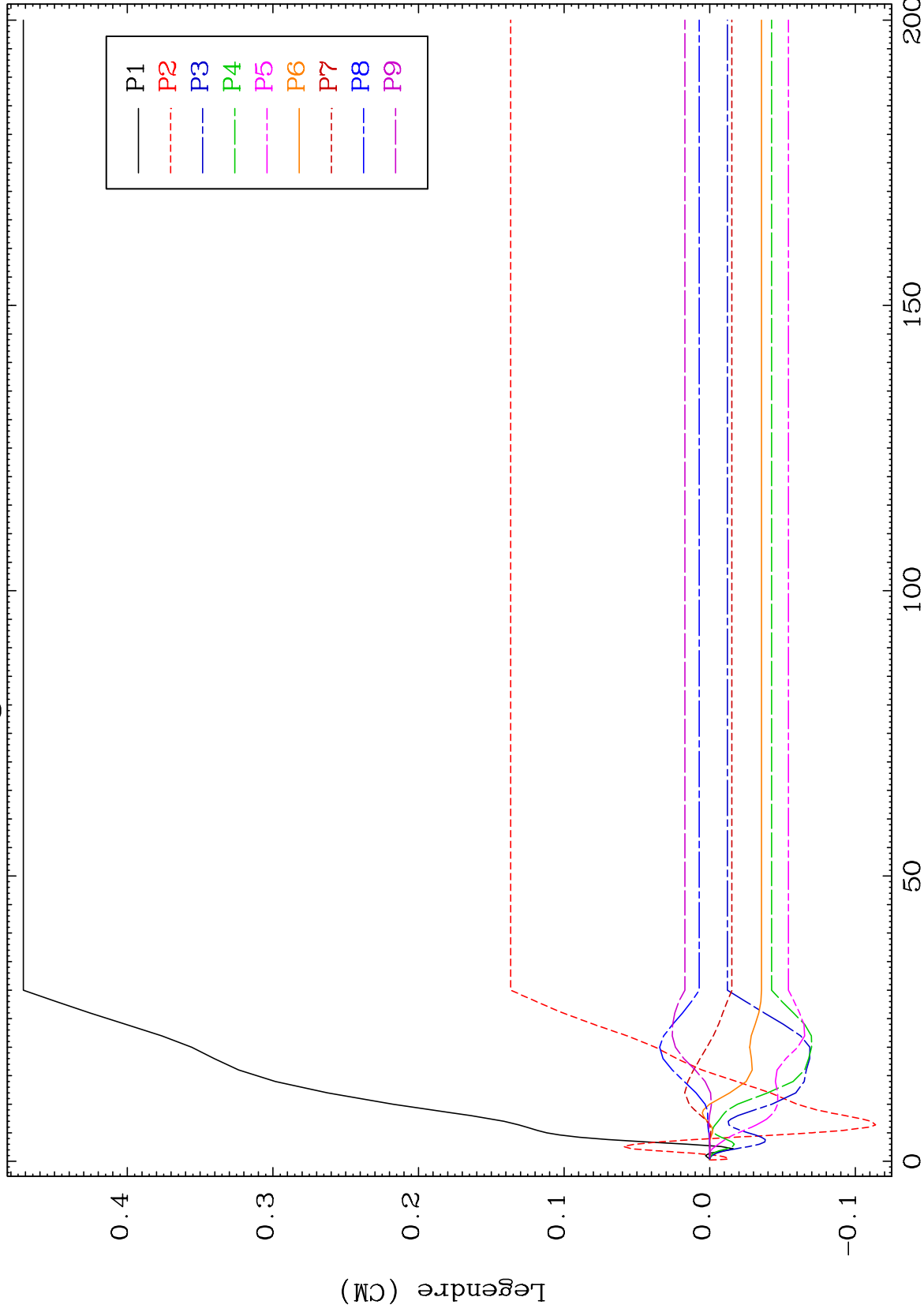
Incident Energy (MeV)

57-La-120

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

57-La-120



19

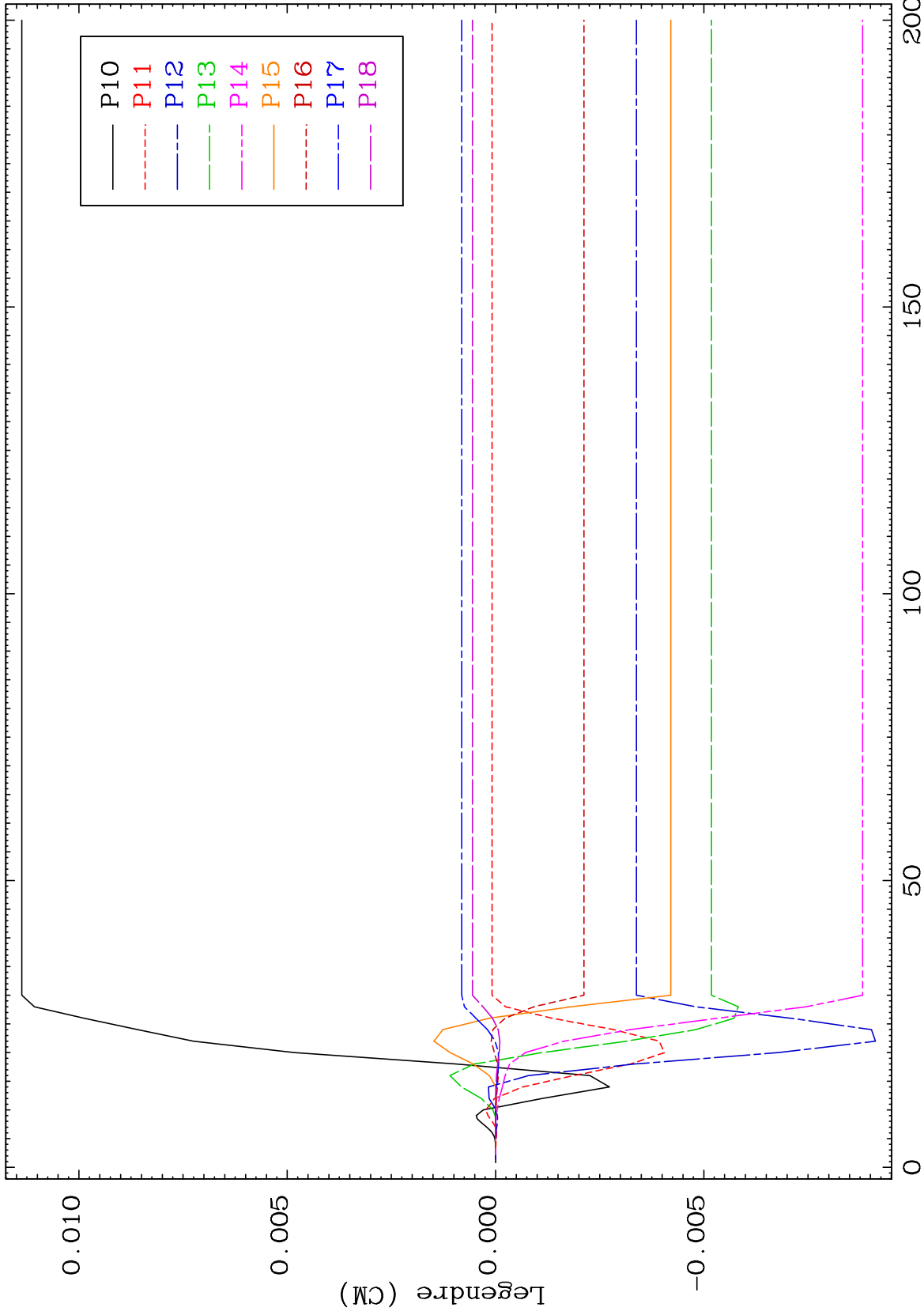
Incident Energy (MeV)

57-La-120

MAT 5671

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

57-La-120



0

50

100

150

200

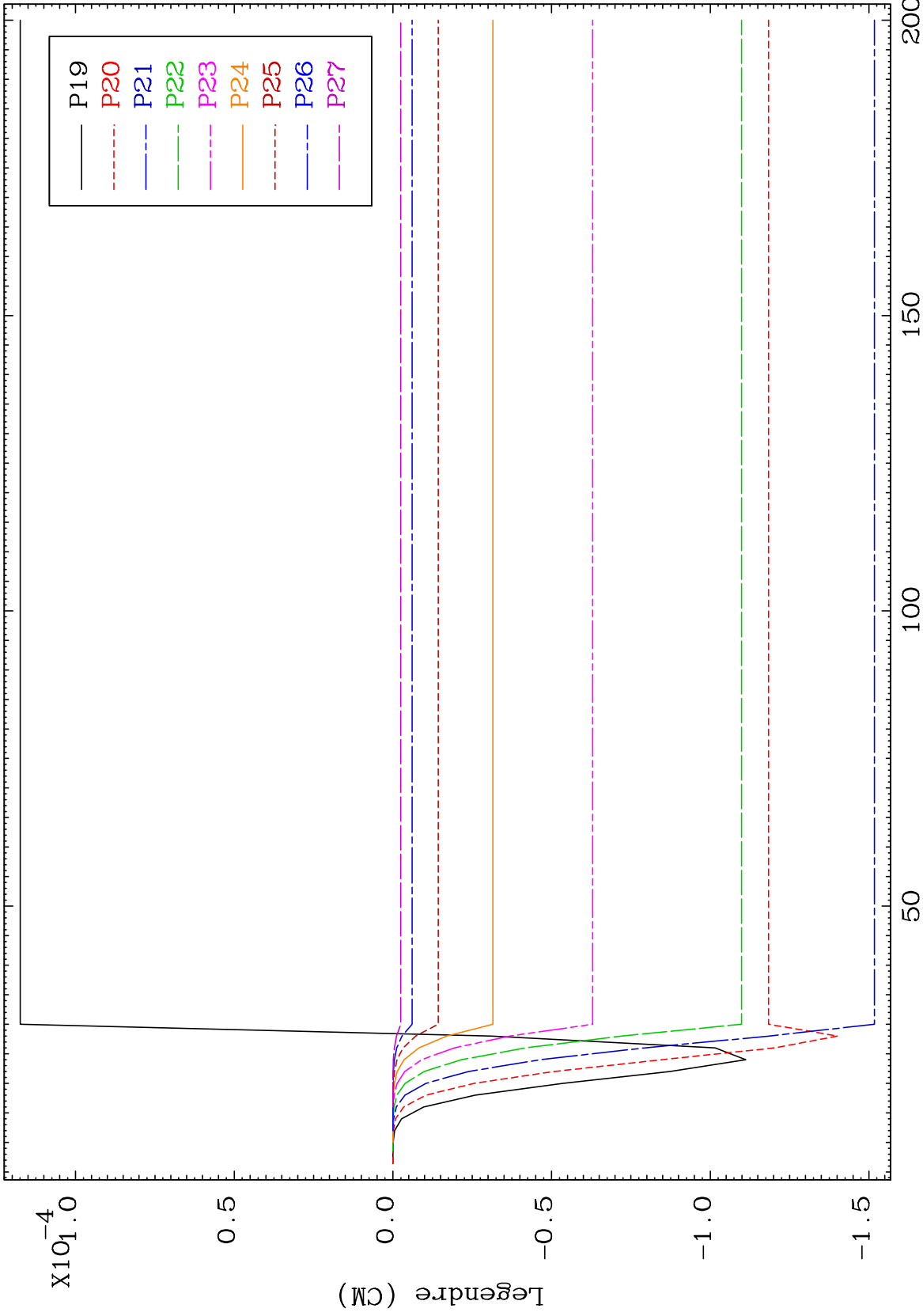
Incident Energy (MeV)

57-La-120

MAT 5671

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

57-La-120



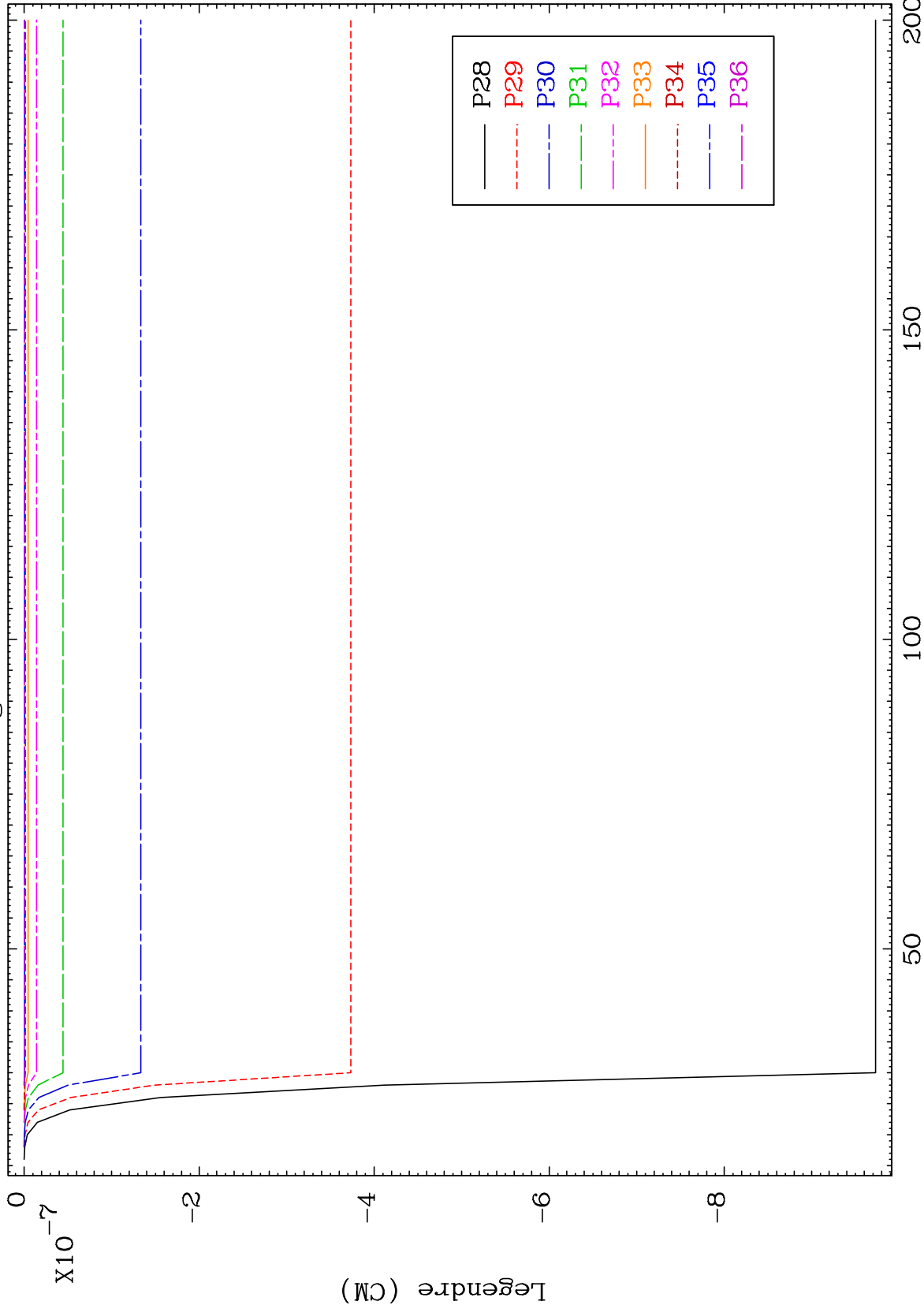
21

57-La-120

MAT 5671

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

57-La-120



57-La-120

Incident Energy (MeV)

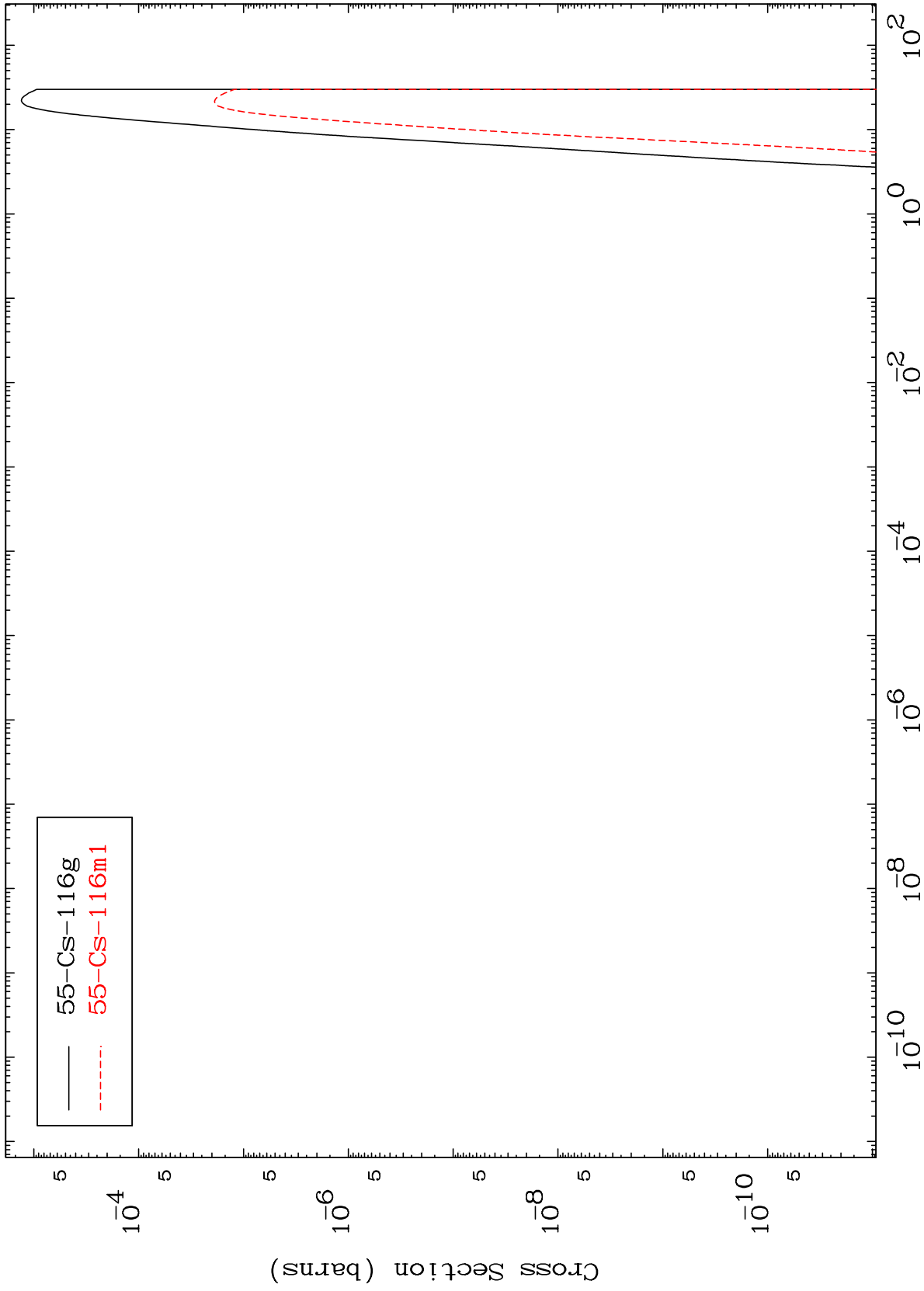
22

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(n,n')  $\alpha$

57-La-120

Radionuclide Production Cross Section



23

Incident Energy (MeV)

57-La-120

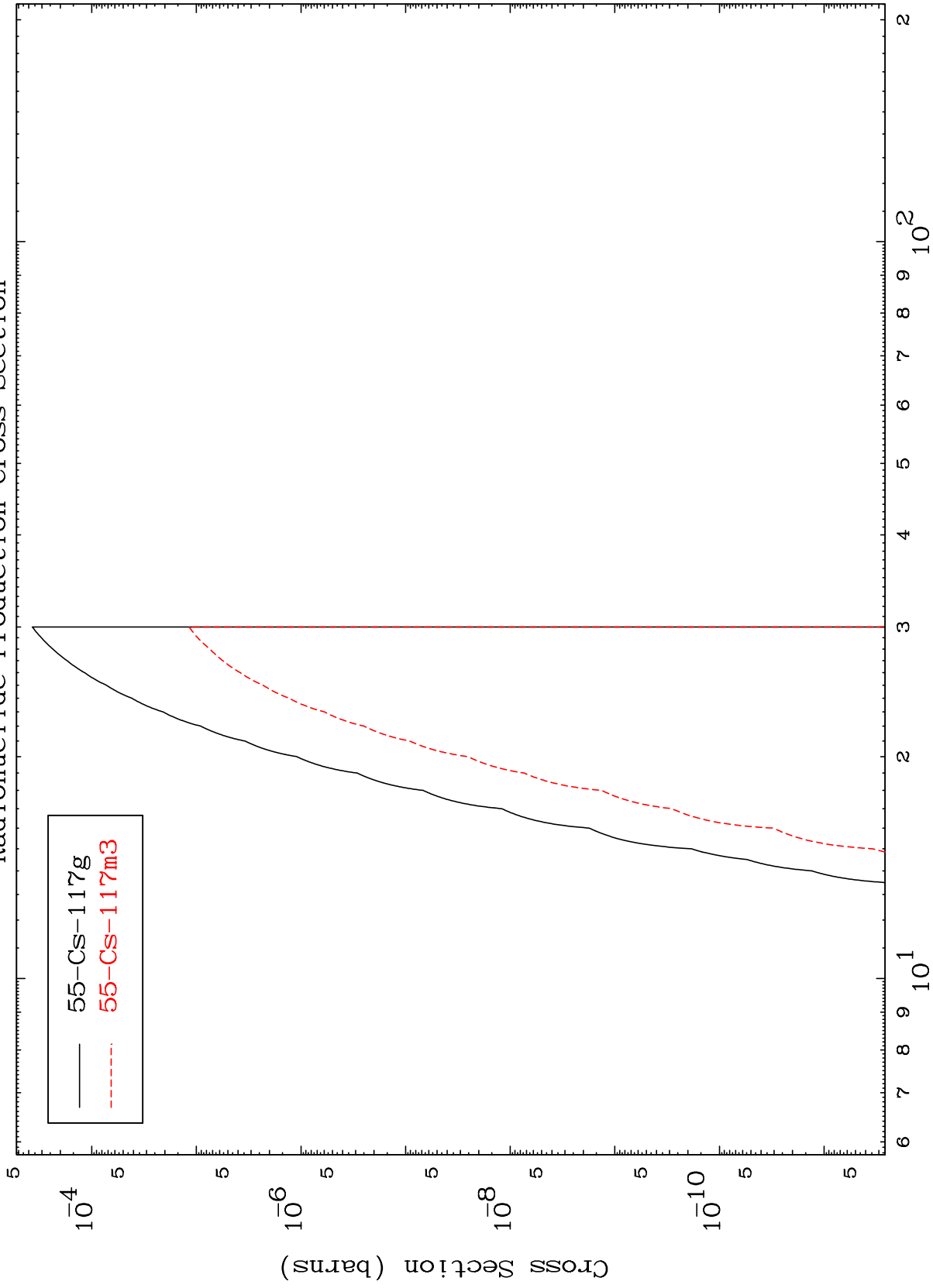


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(n, n') He-3

57-La-120

Radionuclide Production Cross Section



24

Incident Energy (MeV)

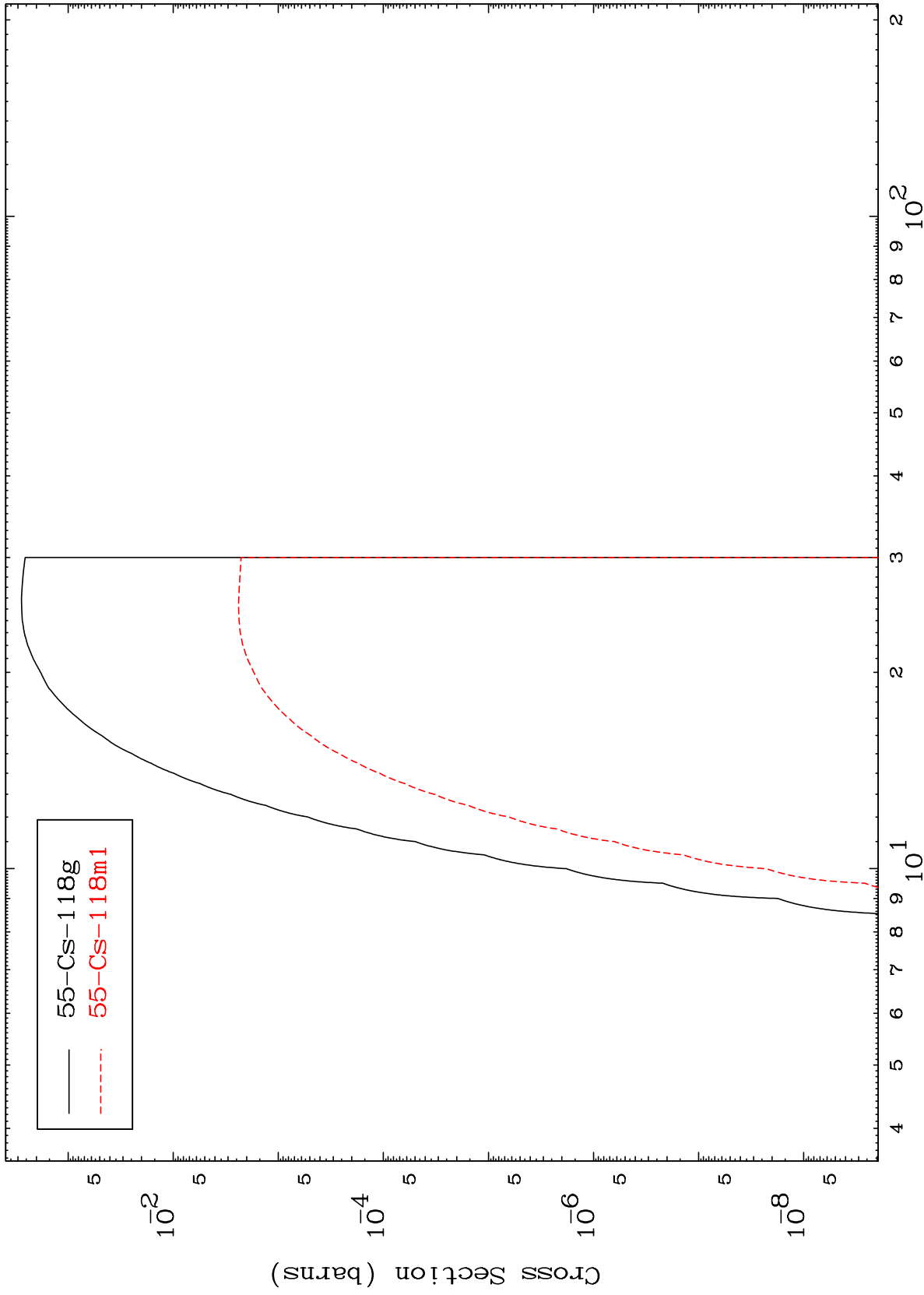
57-La-120

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(n,2n) p

57-La-120

Radionuclide Production Cross Section



25

Incident Energy (MeV)

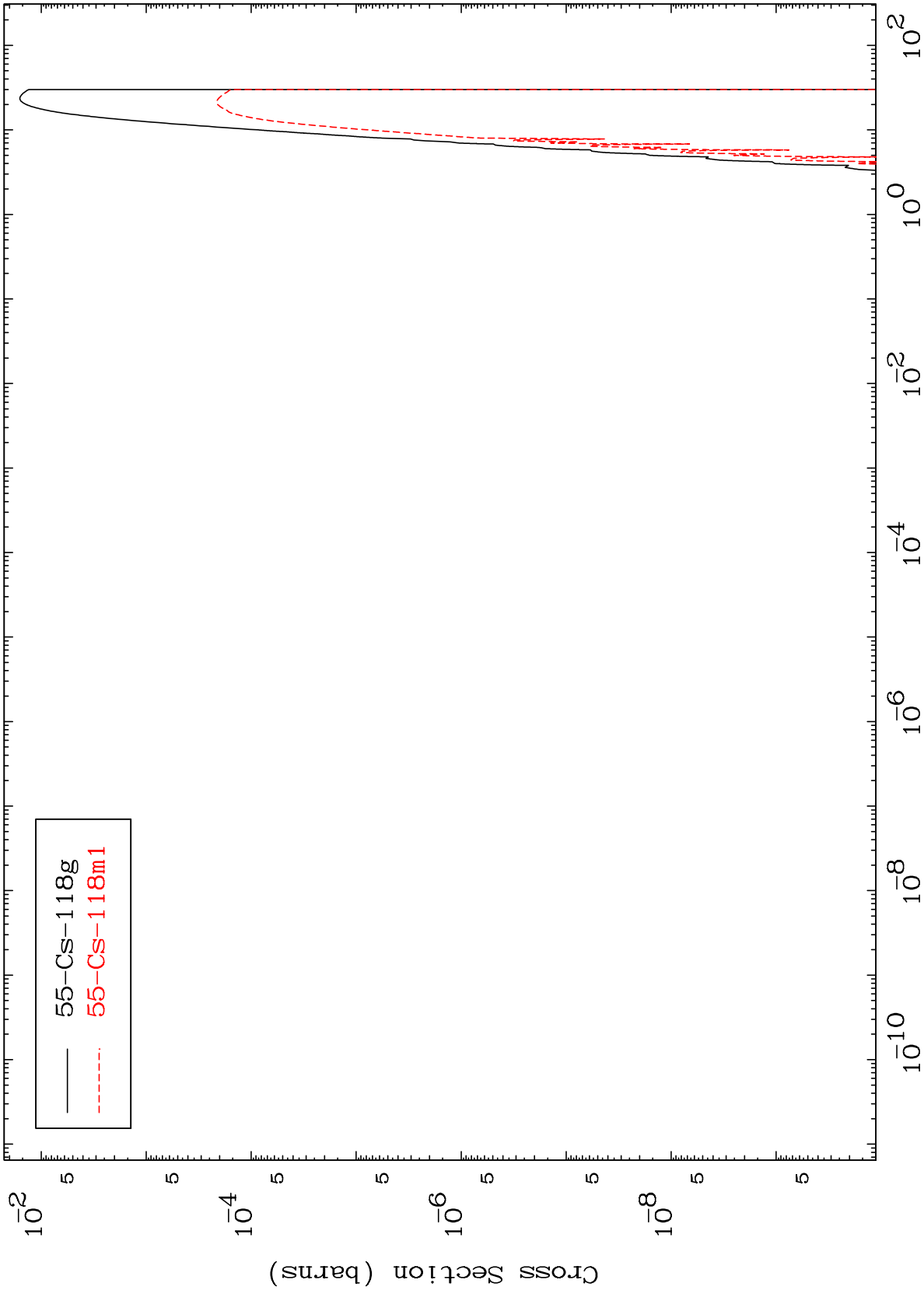
57-La-120

MAT 5671

(n, He-3)

57-La-120

Radionuclide Production Cross Section



26

Incident Energy (MeV)

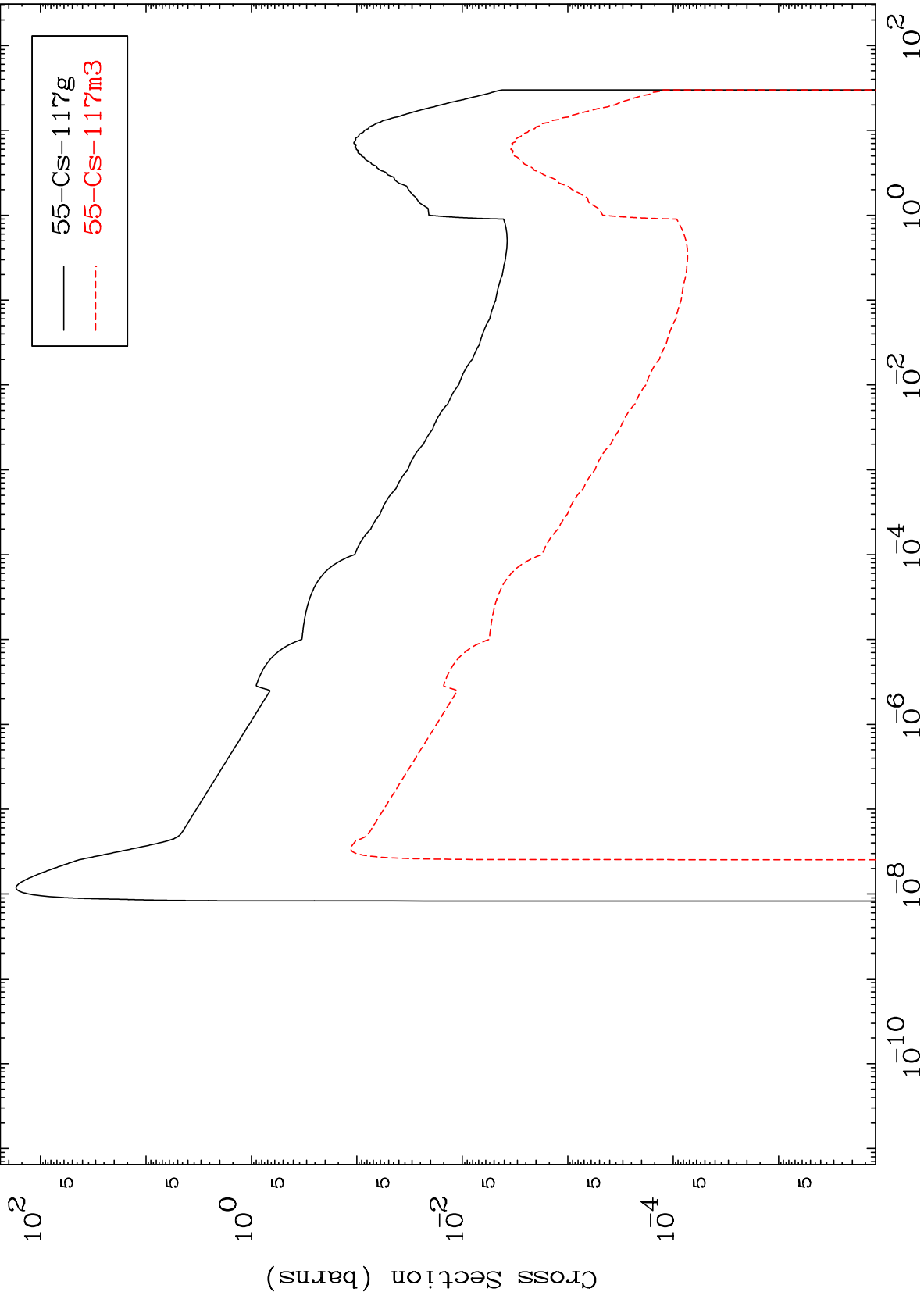
57-La-120

MAT 5671

(n,  $\alpha$ )

57-La-120

Radionuclide Production Cross Section



27

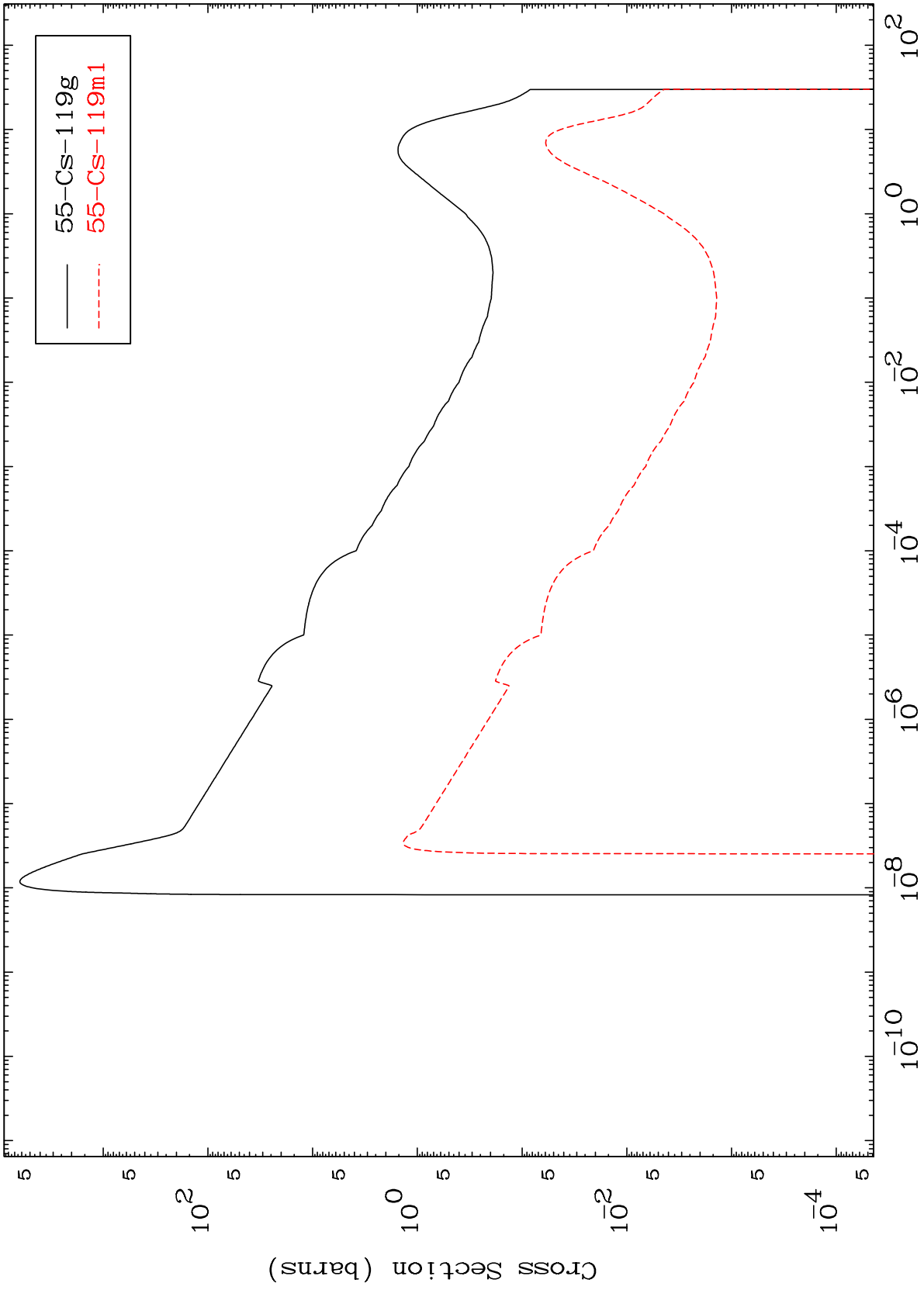
Incident Energy (MeV)

57-La-120

MAT 5671

57-La-120

(n,2p)  
Radionuclide Production Cross Section



28

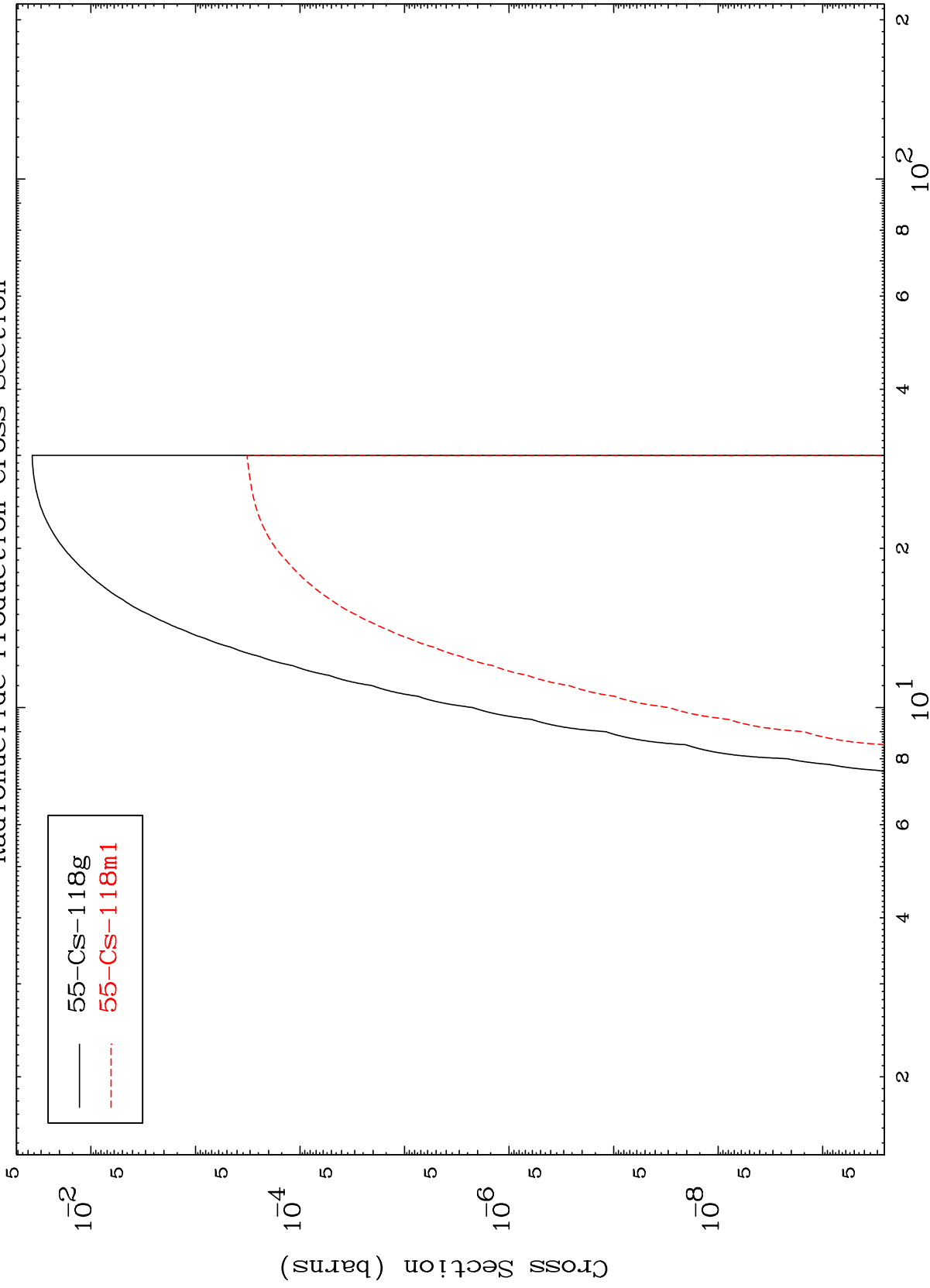
57-La-120

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(n,p) d

57-La-120

Radionuclide Production Cross Section



29

Incident Energy (MeV)

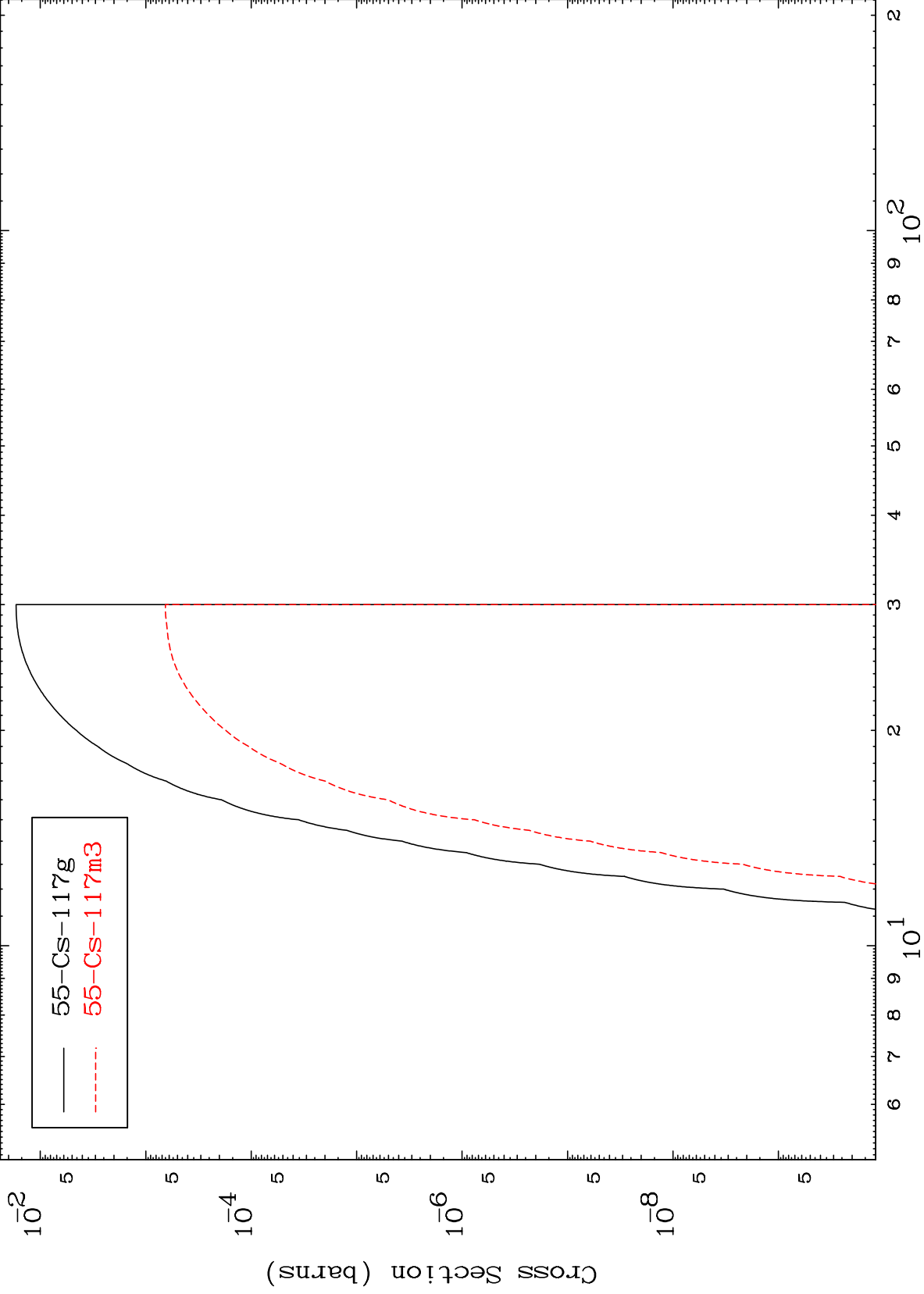
57-La-120

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(n,p) t

57-La-120

Radionuclide Production Cross Section



30

Incident Energy (MeV)

57-La-120