

Program EVALPLOT
(Version 2021-1)

by

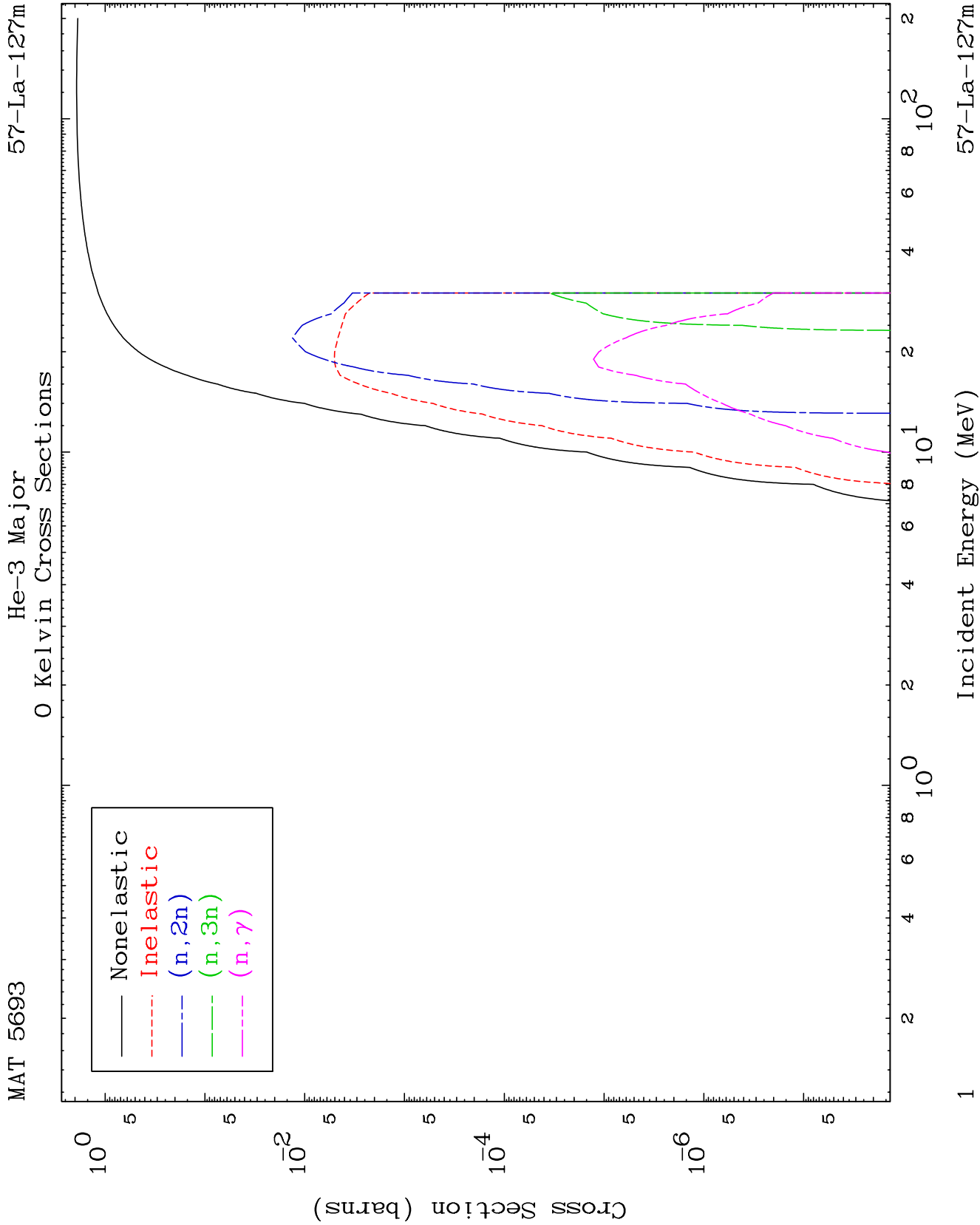
Dermott E. Cullen
(Present Contact Information)

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E.Mail: redcullen1@comcast.net
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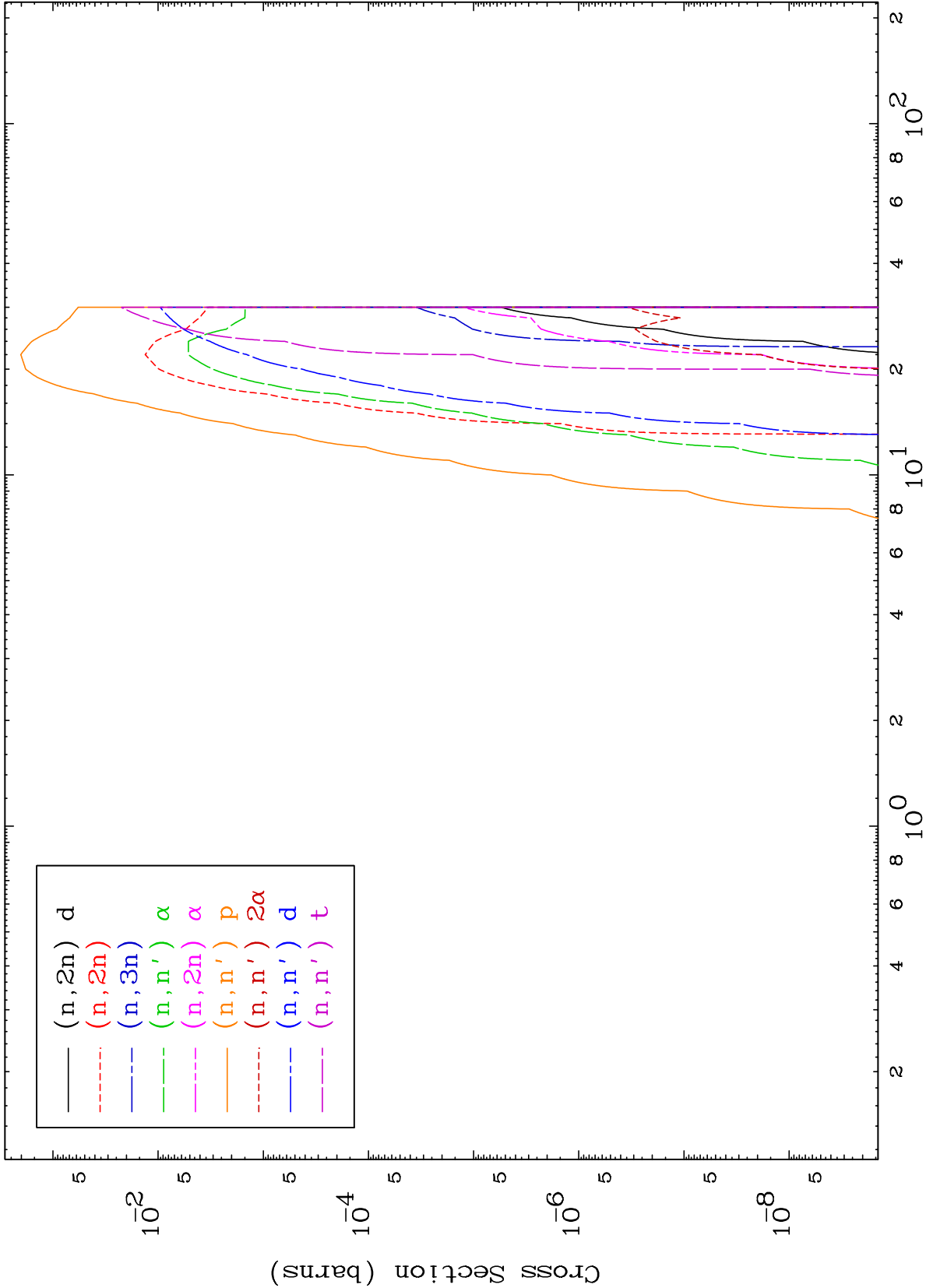
Press Mouse Button to Start

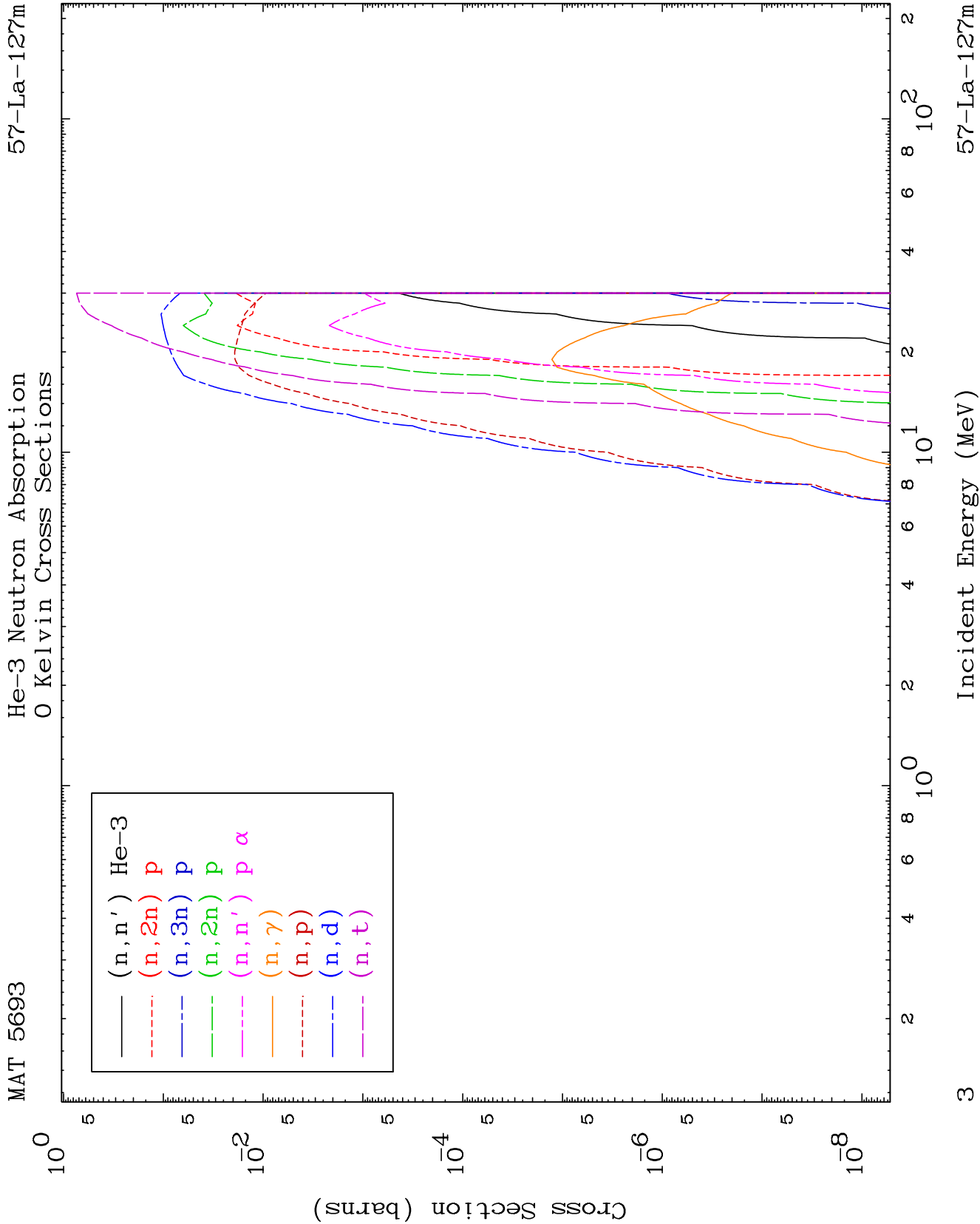


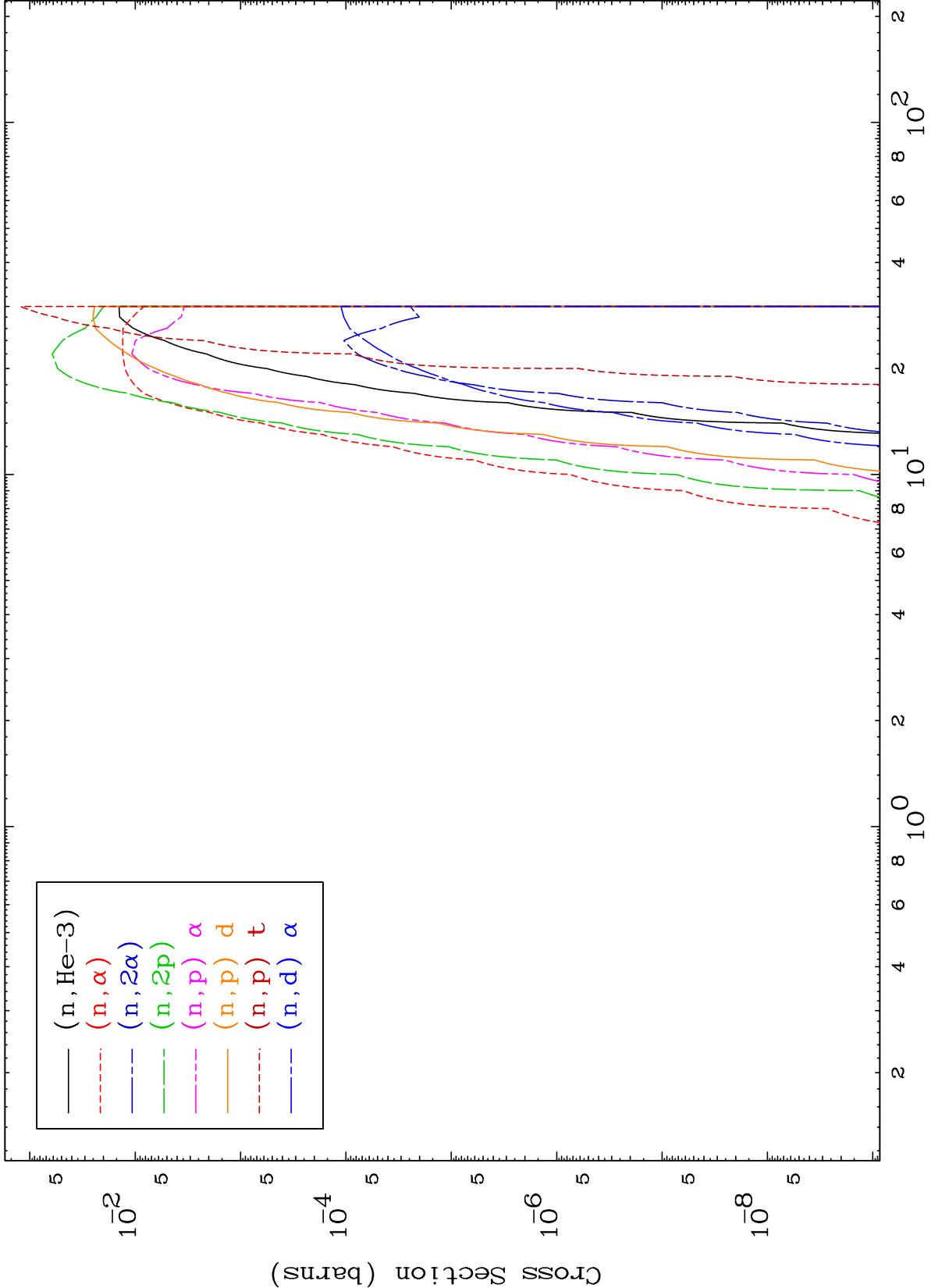
MAT 5693

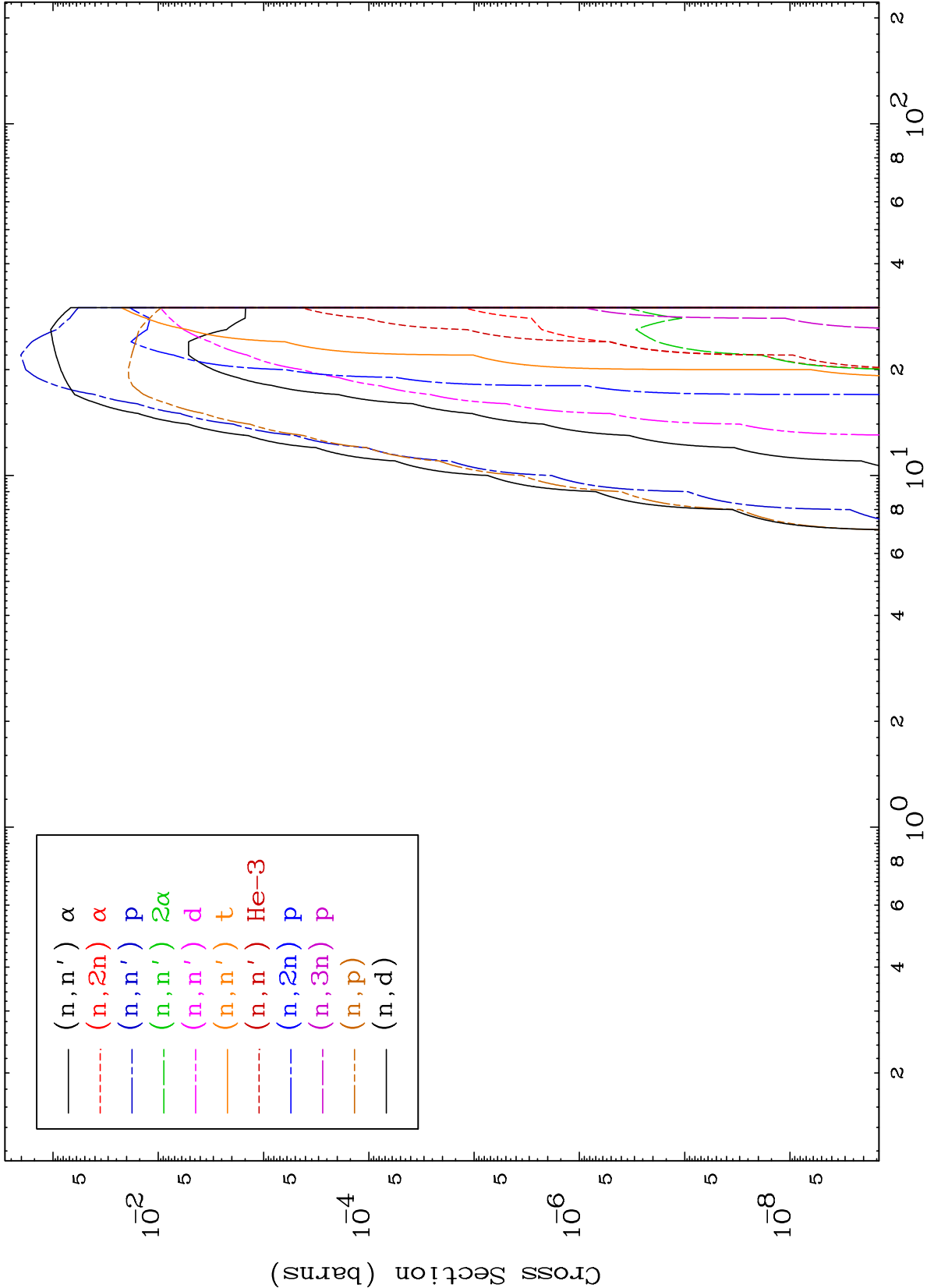
He-3 Neutron Absorption
0 Kelvin Cross Sections

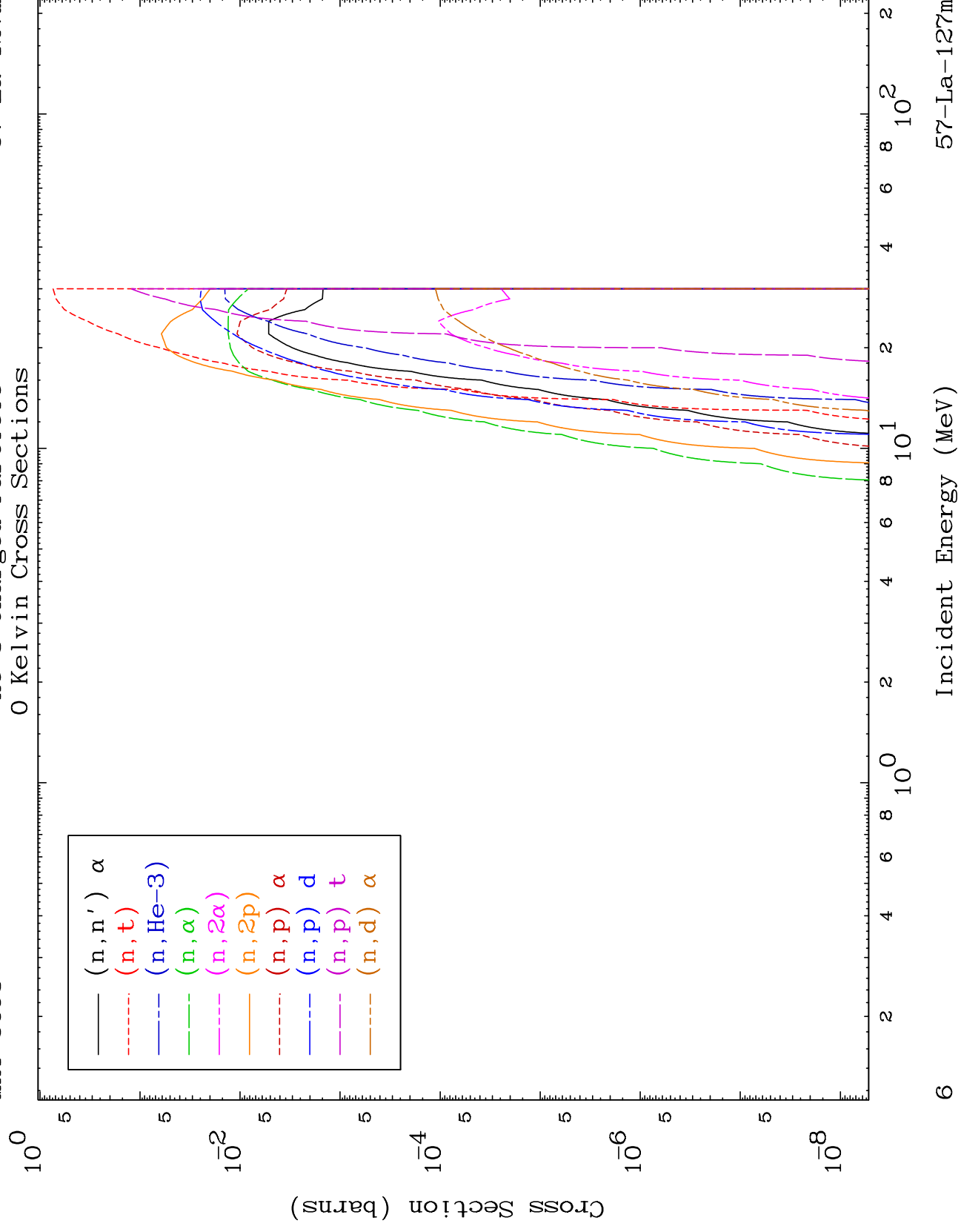
57-La-127m









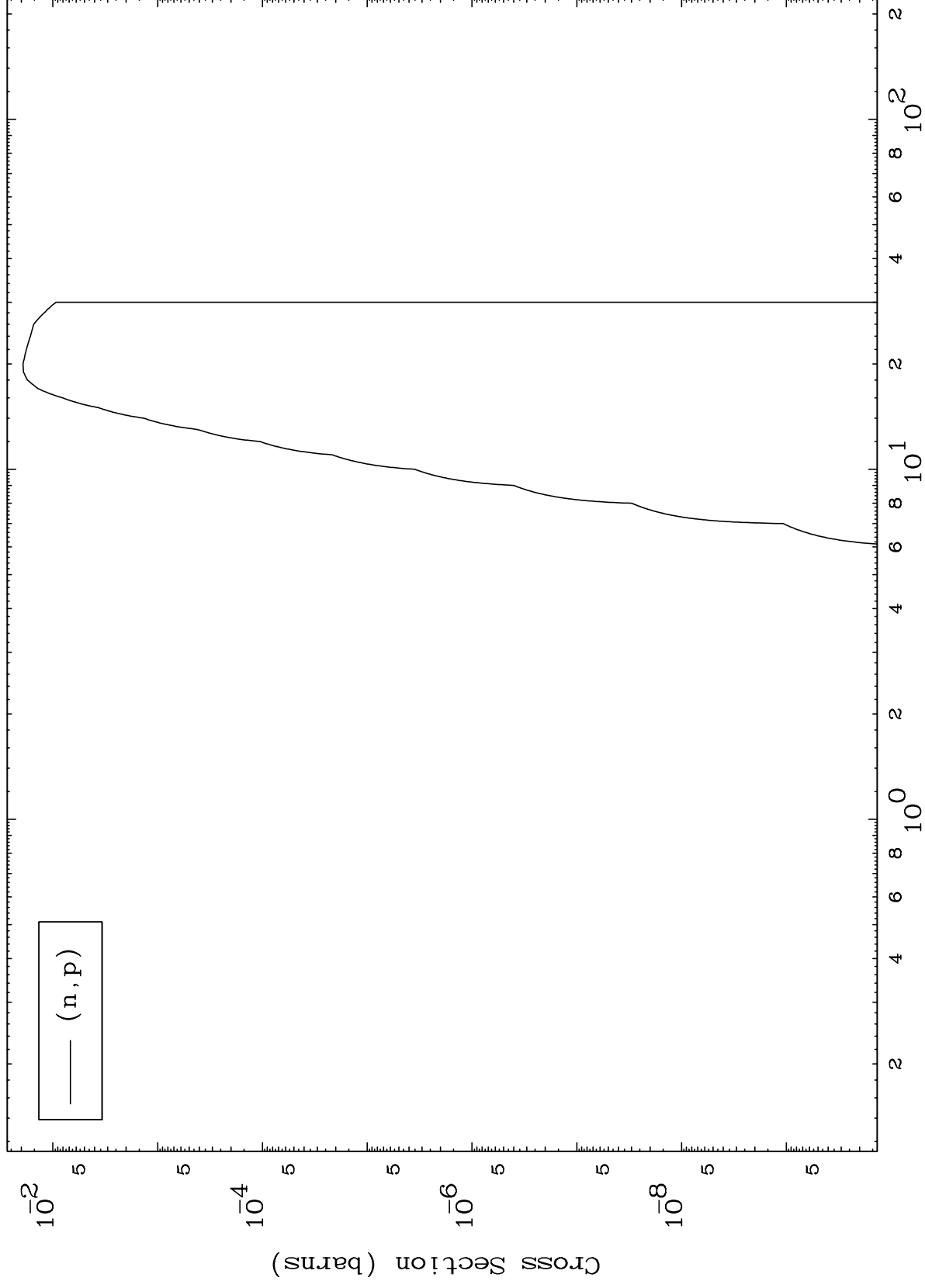


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(He-3,p) Levels

57-La-127m

0 Kelvin Cross Sections



7

Incident Energy (MeV)

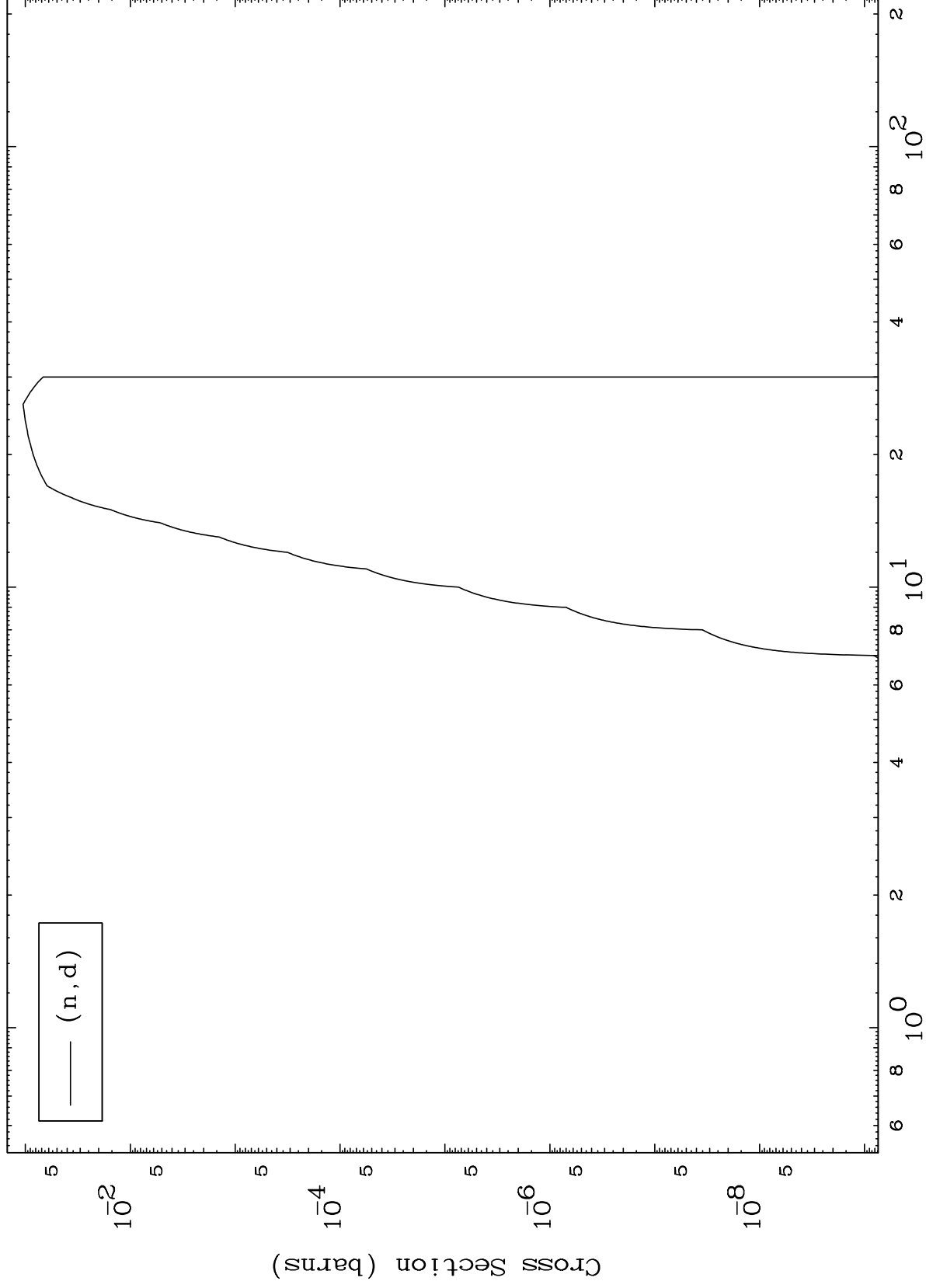
57-La-127m

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(He-3,d) Levels

57-La-127m

0 Kelvin Cross Sections

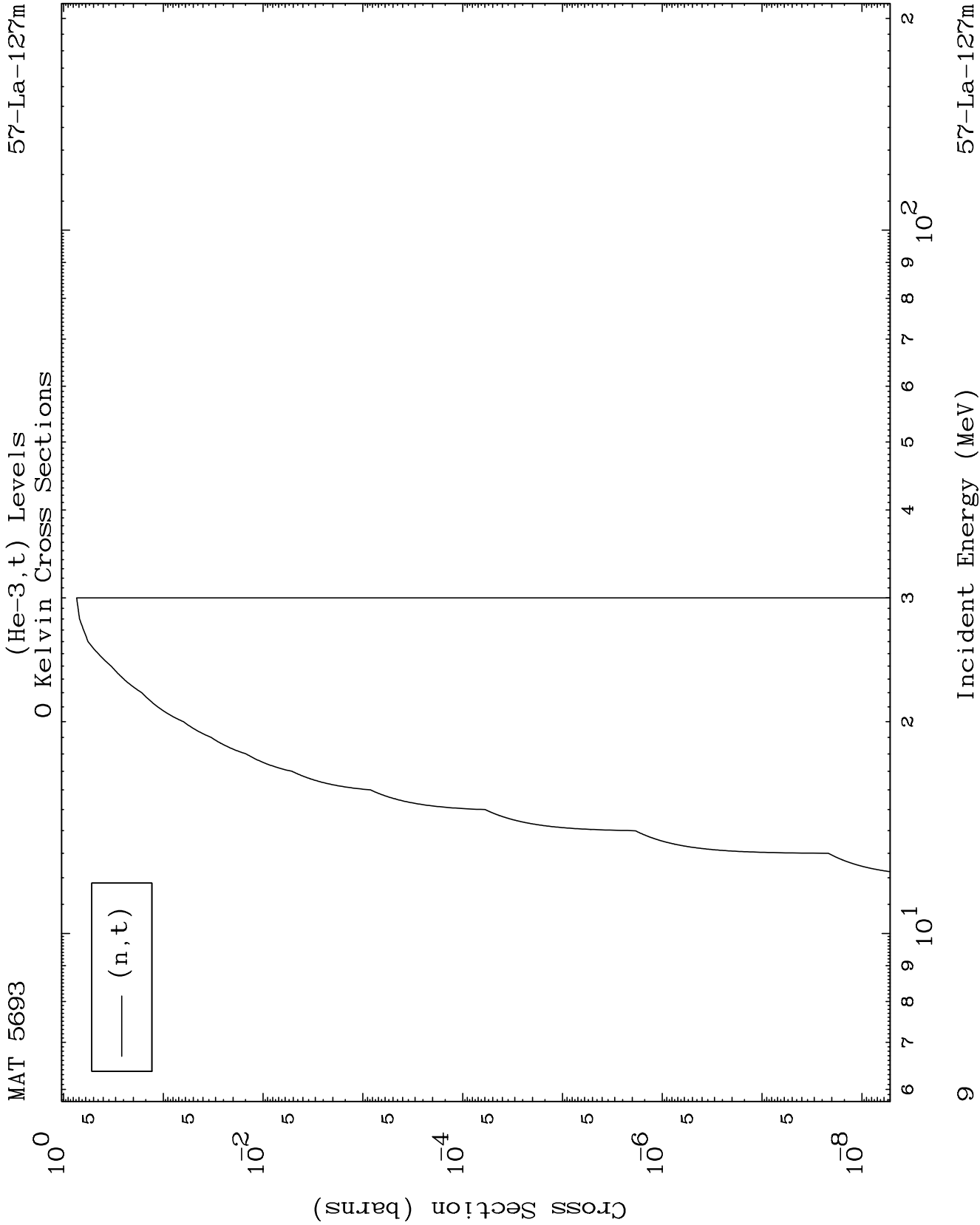


— (n,d)

8

Incident Energy (MeV)

57-La-127m

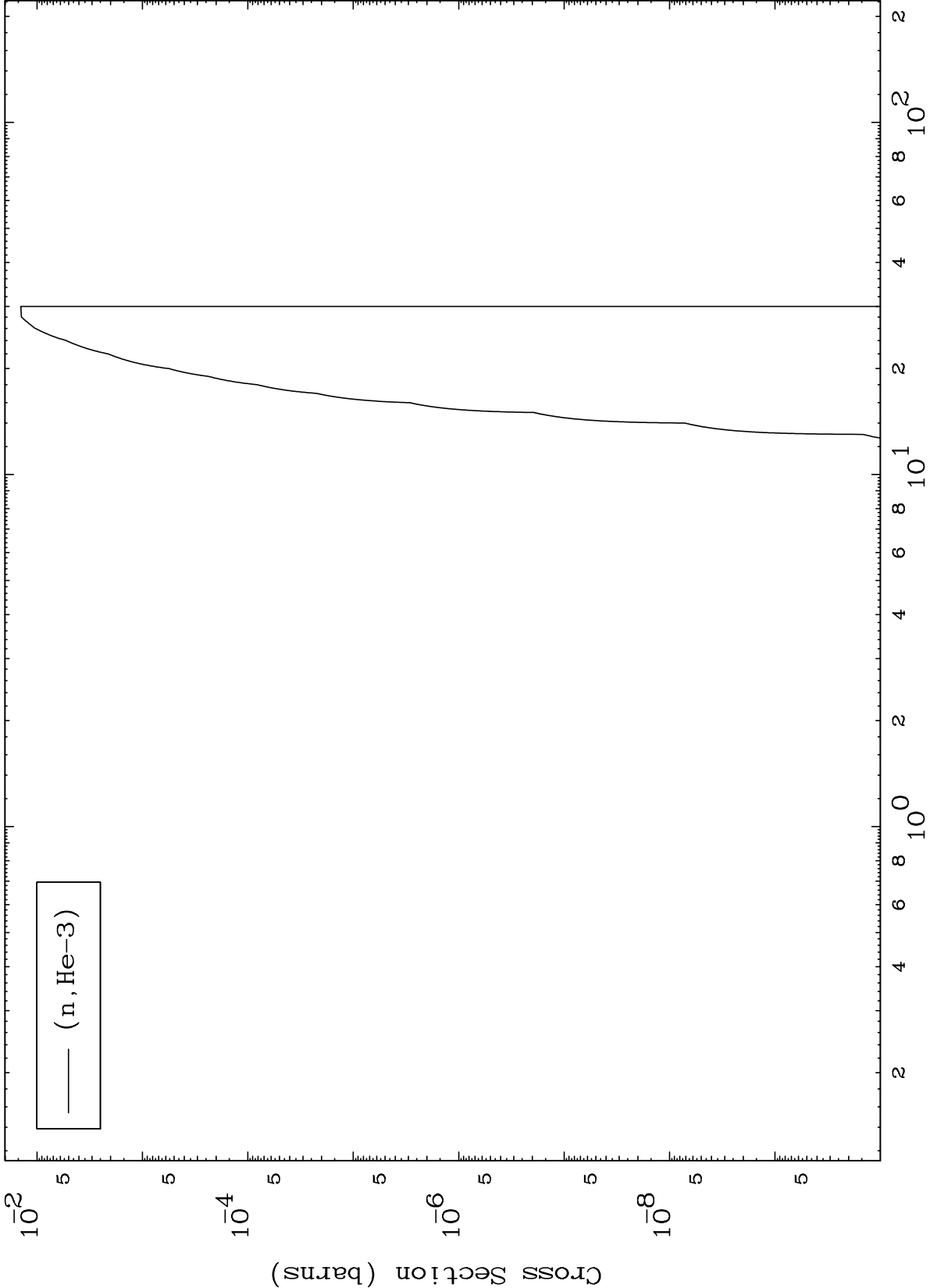


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(He-3, He3) Levels

57-La-127m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

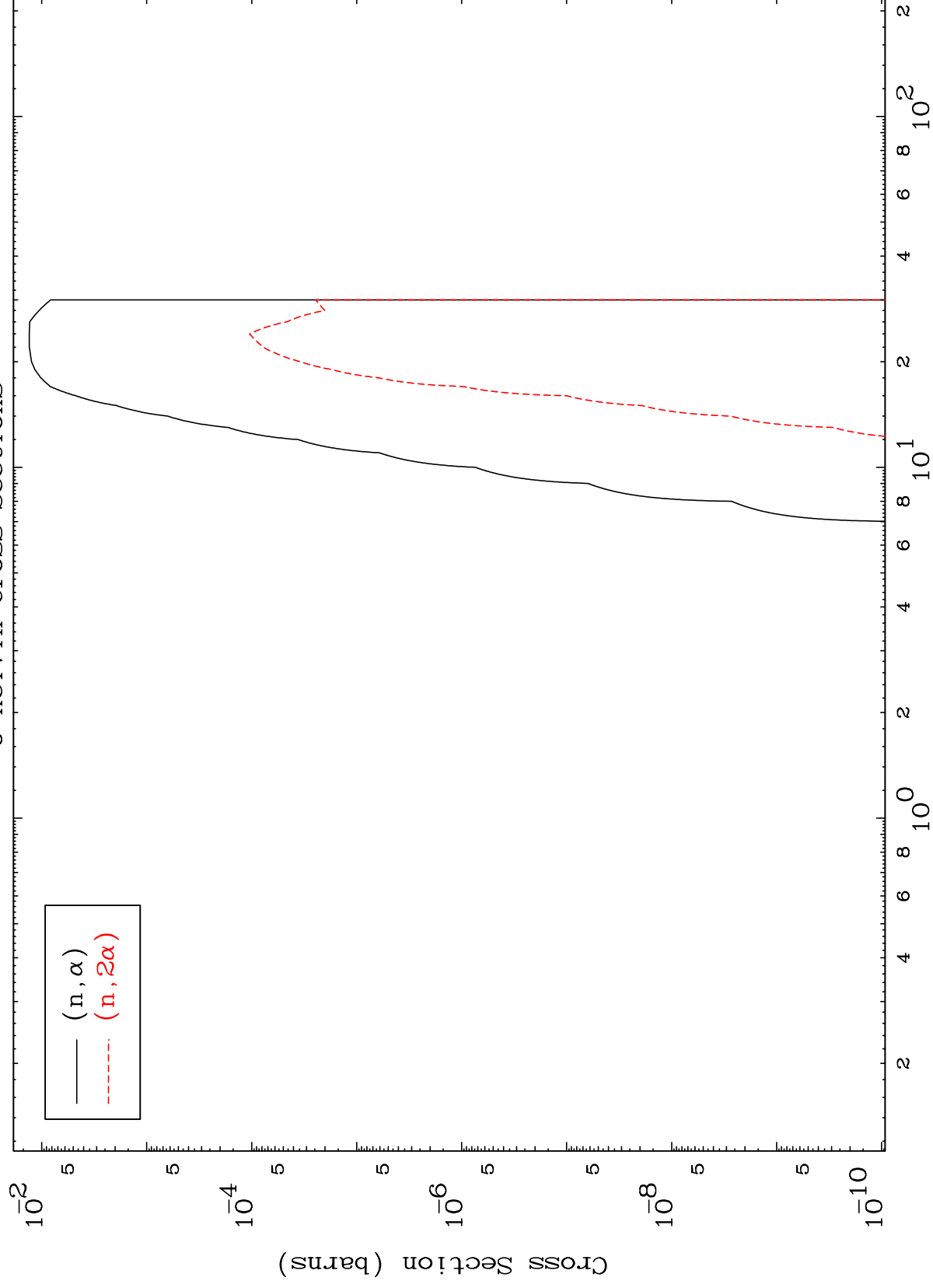
57-La-127m

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(He-3, α) Levels

57-La-127m

0 Kelvin Cross Sections

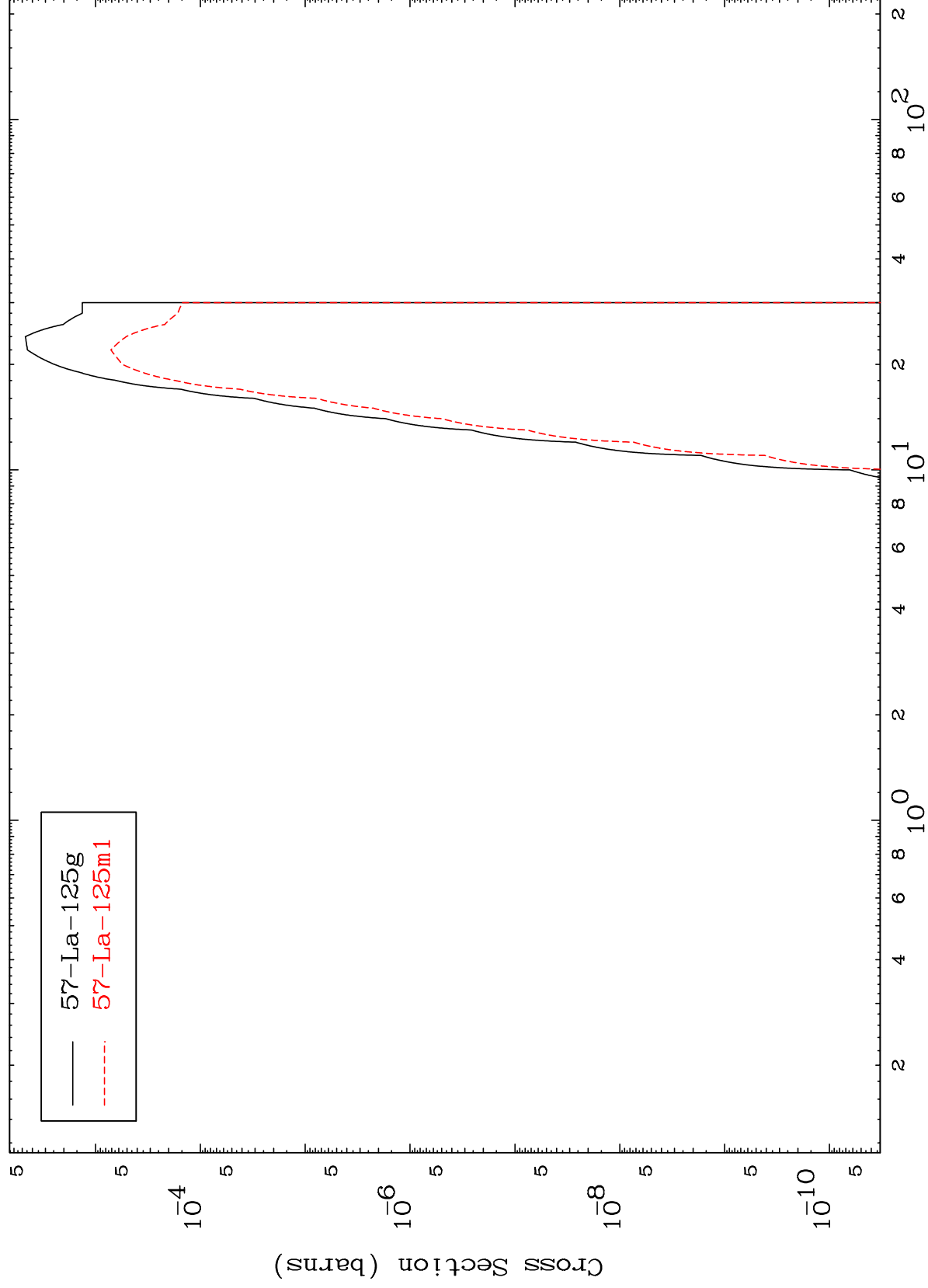


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$(n,n') \alpha$

57-La-127m

Radionuclide Production Cross Section

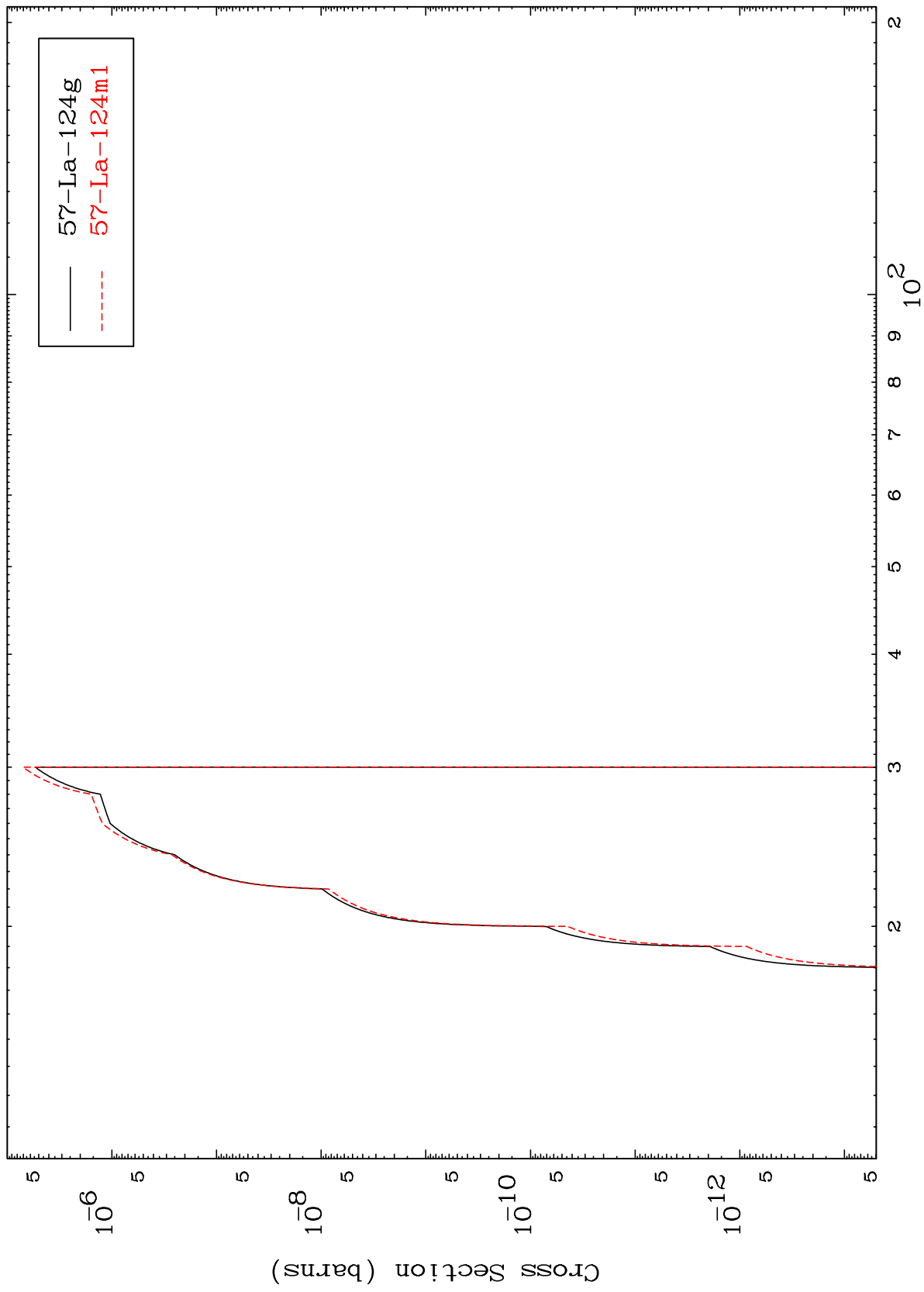


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Incident Energy (MeV)

57-La-127m

(n,2n) α
Radionuclide Production Cross Section

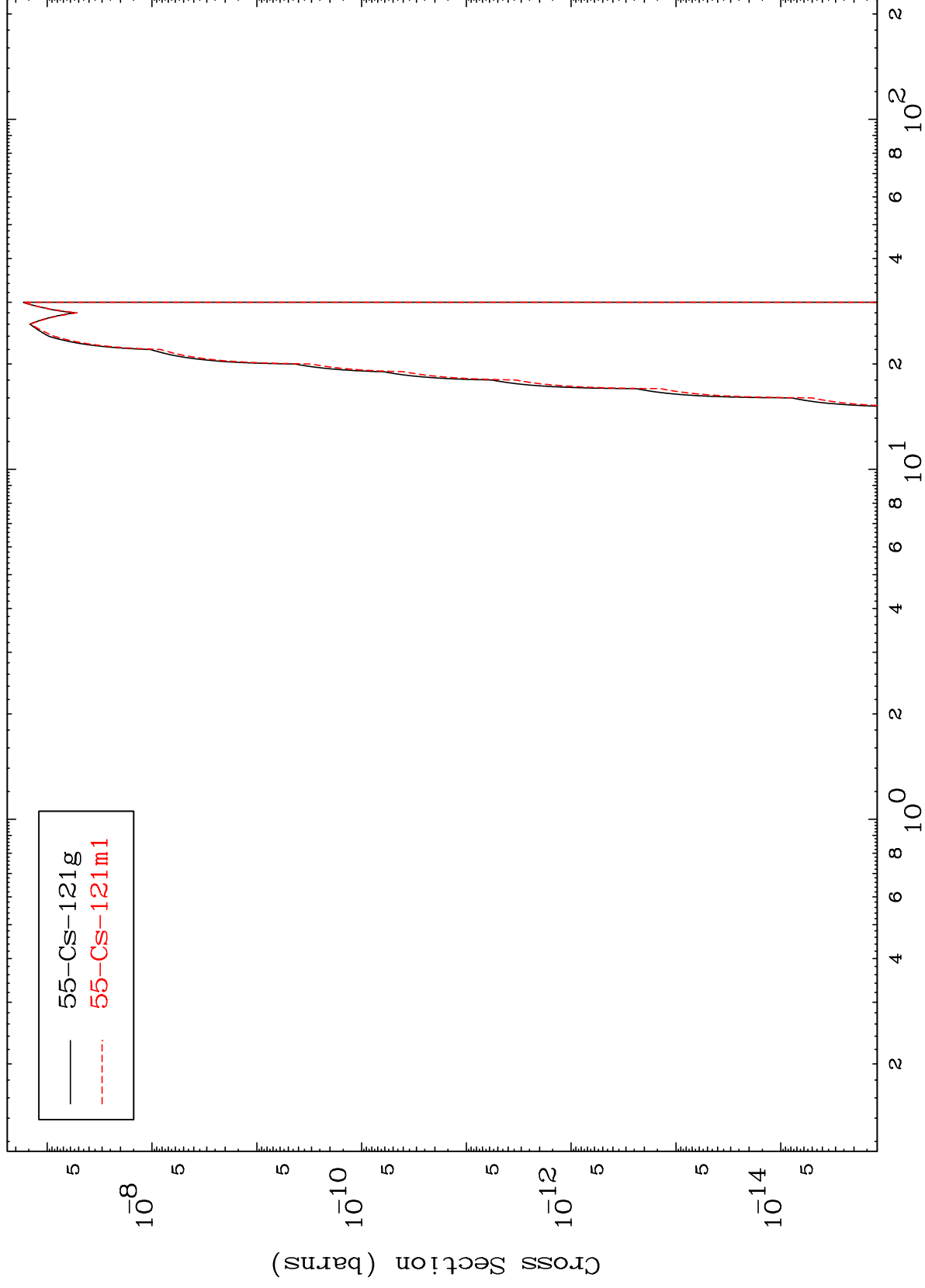


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(n,n') 2 α

57-La-127m

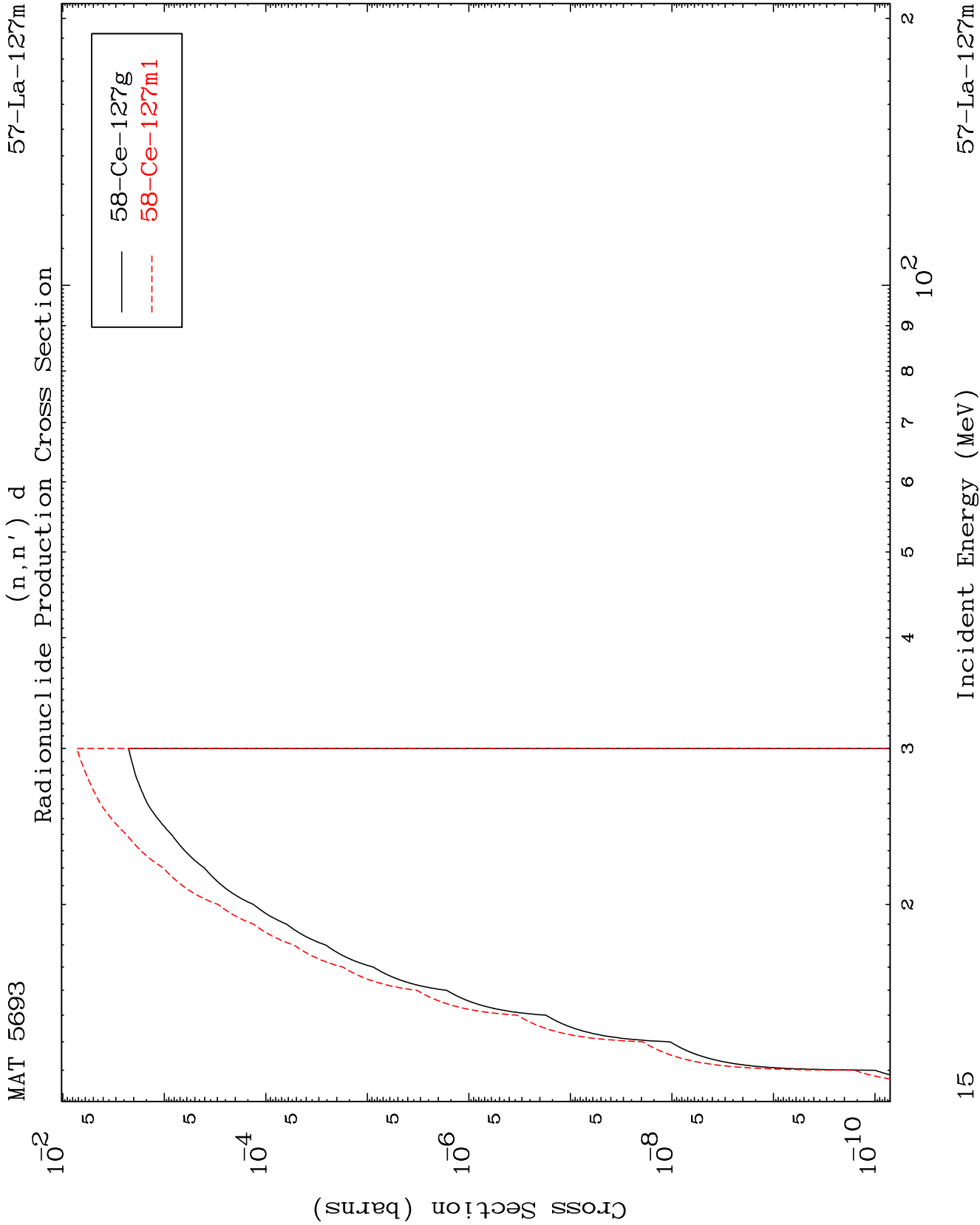
Radionuclide Production Cross Section



14

Incident Energy (MeV)

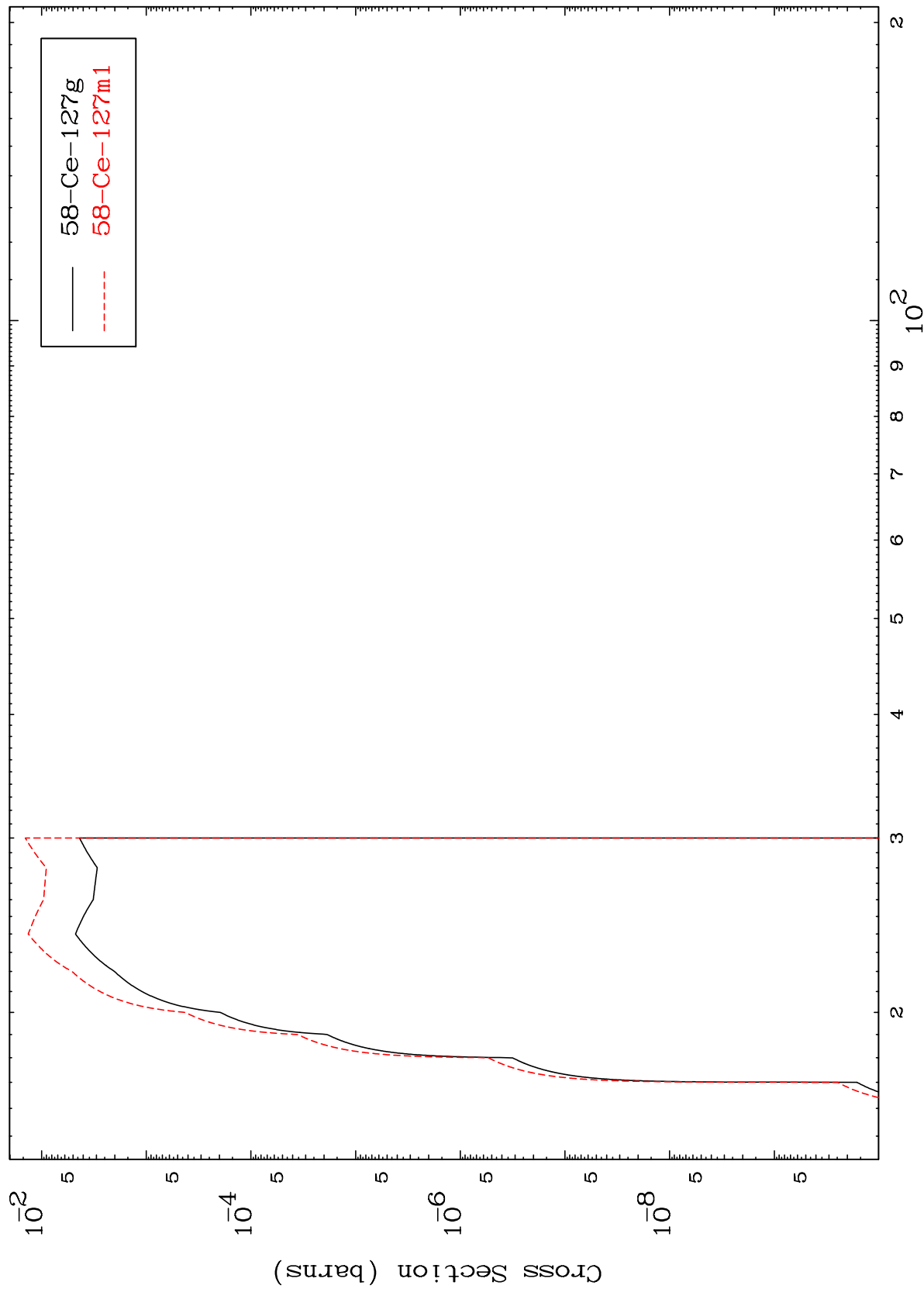
57-La-127m



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57-La-127m

(n,2n) p
Radionuclide Production Cross Section



57-La-127m

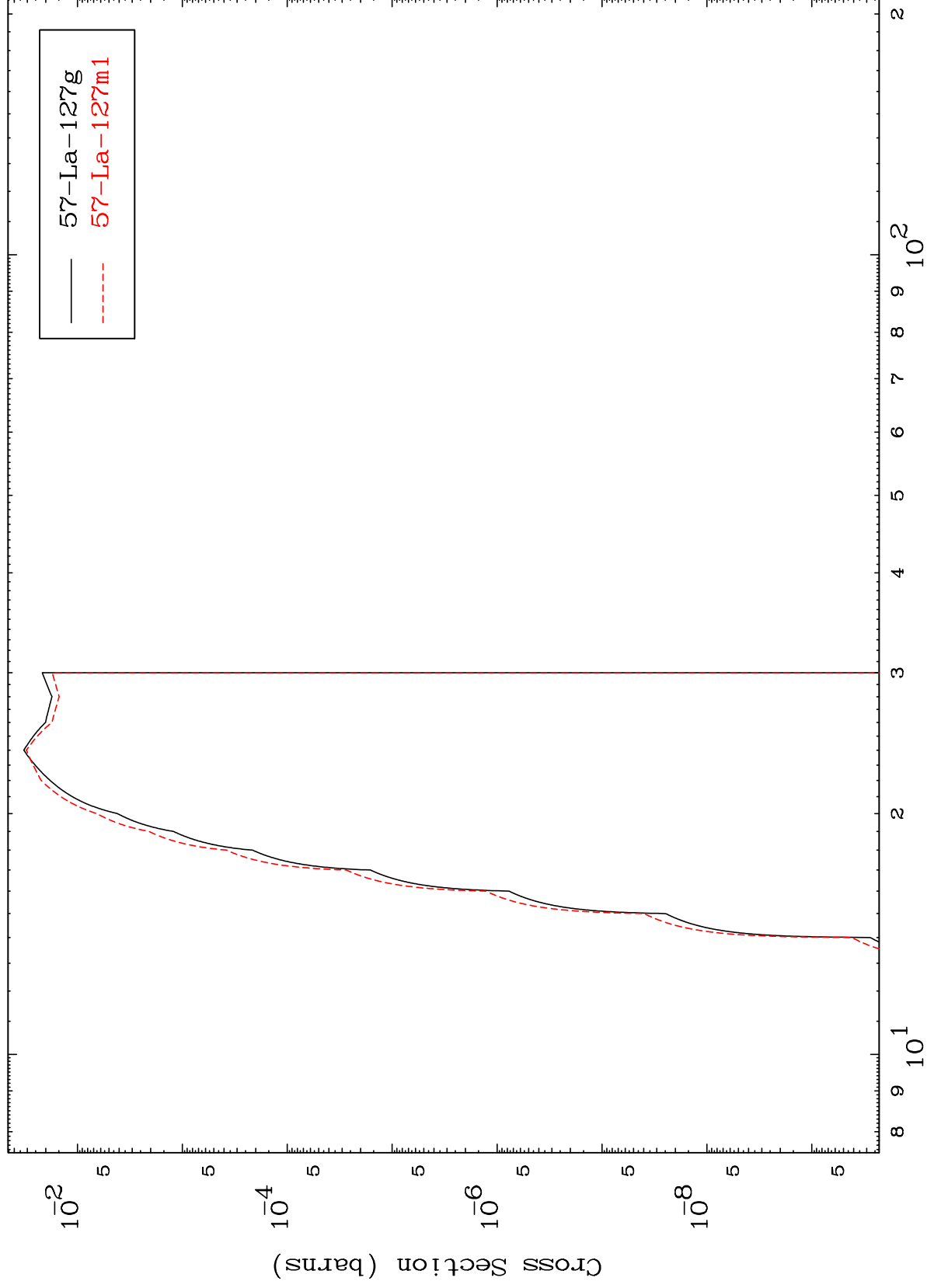
Incident Energy (MeV)

16

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57-La-127m

(n,2n) p
Radionuclide Production Cross Section



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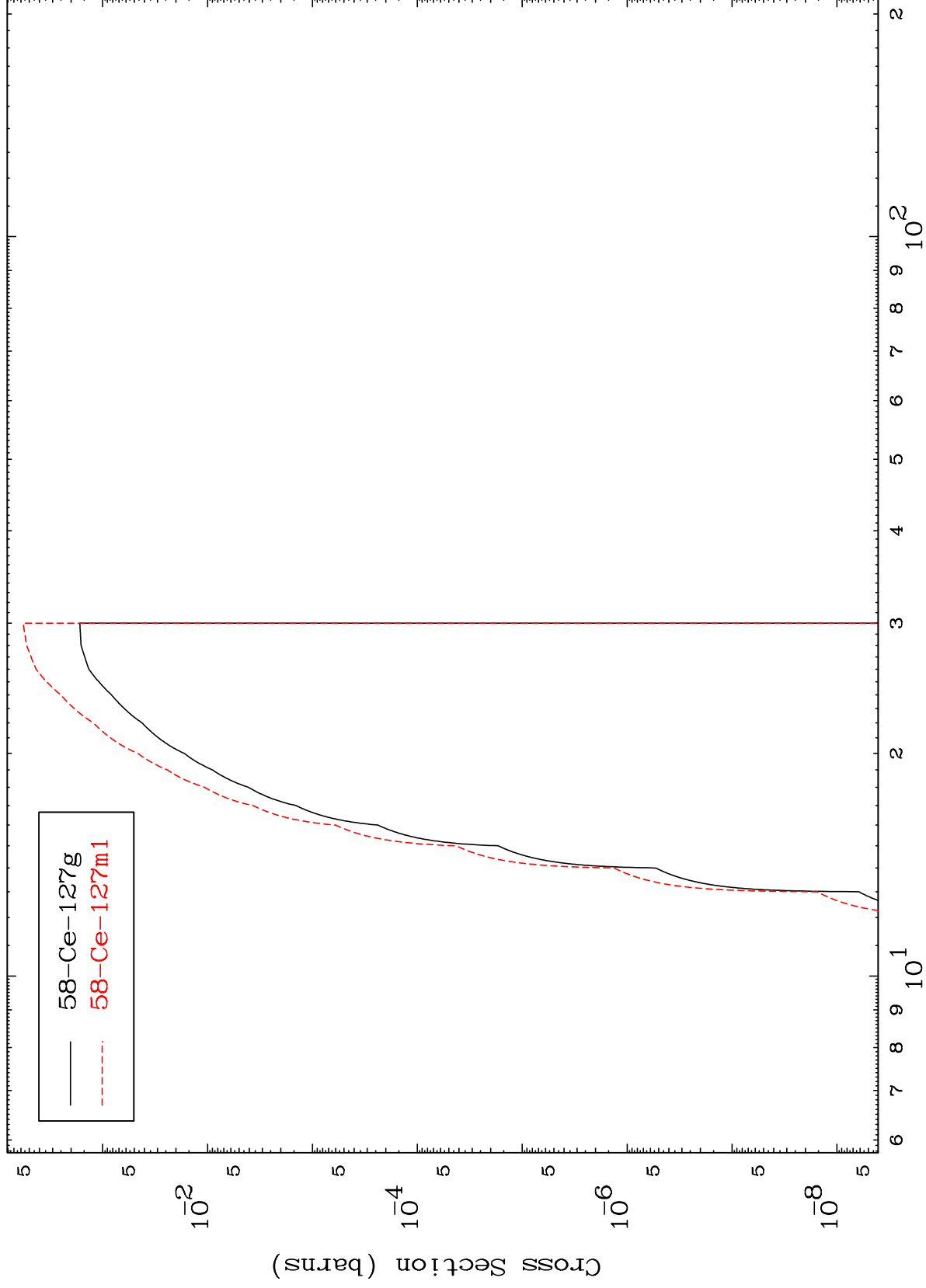
Incident Energy (MeV)

57-La-127m

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57-La-127m

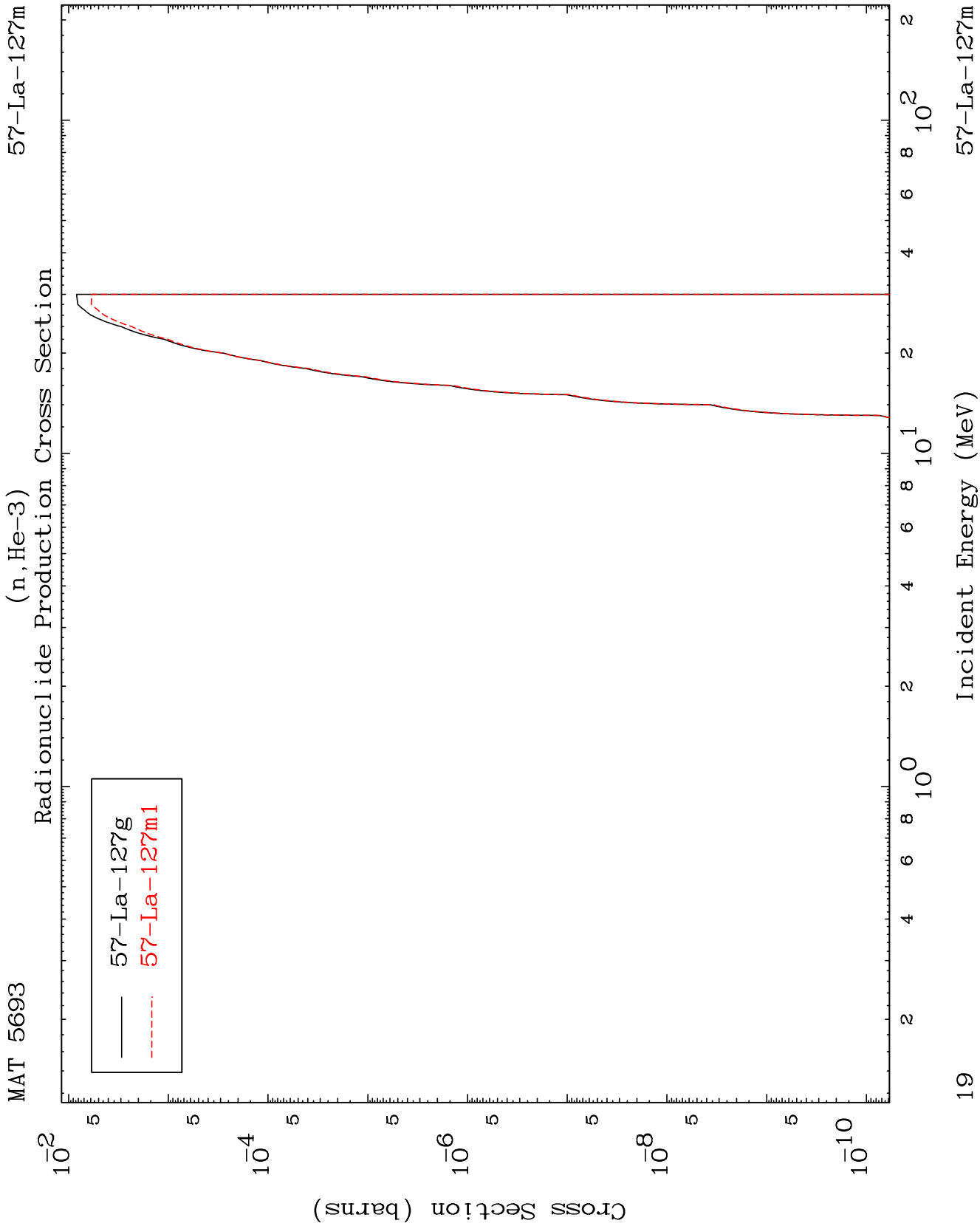
Radionuclide Production Cross Section

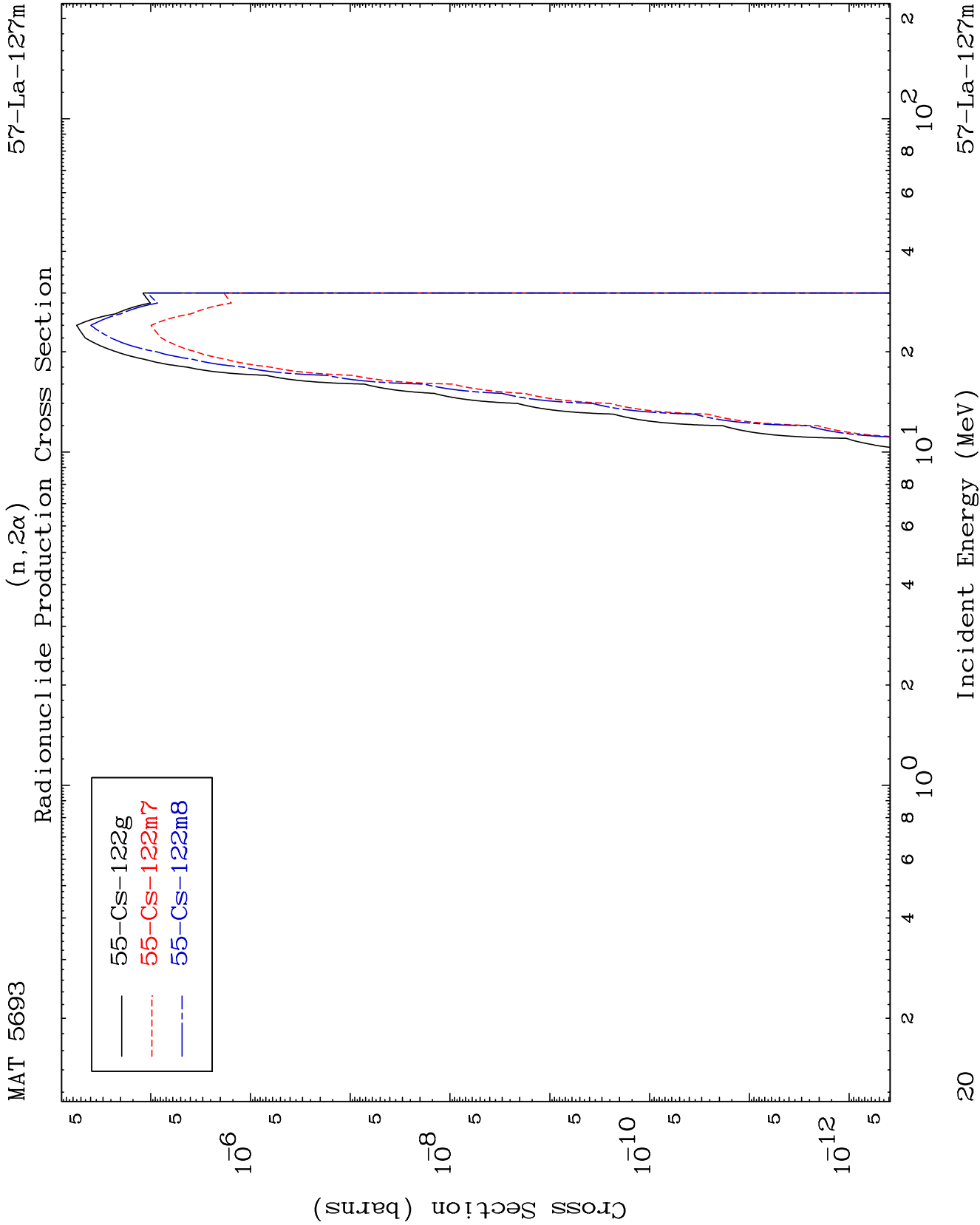


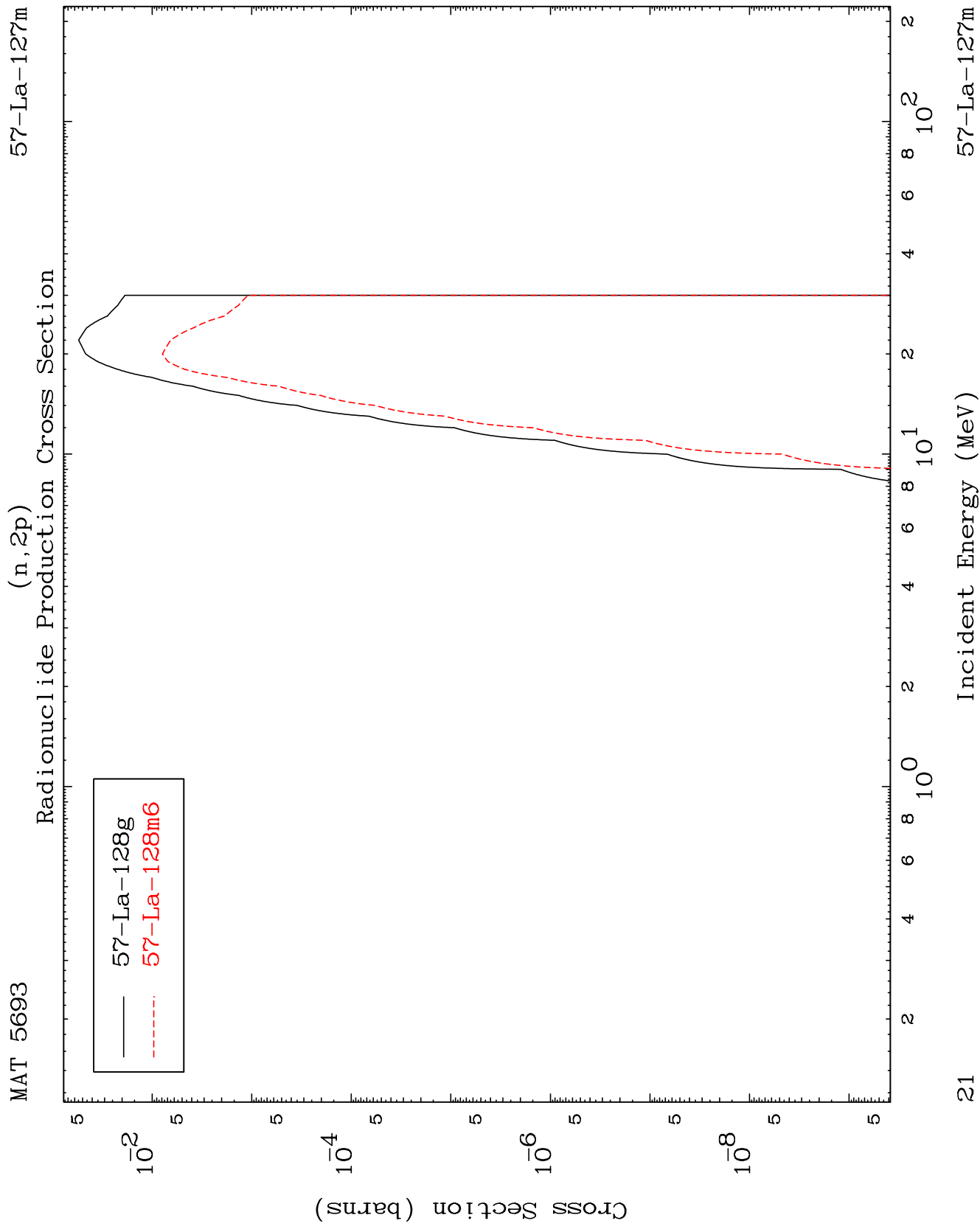
57-La-127m

Incident Energy (MeV)

18



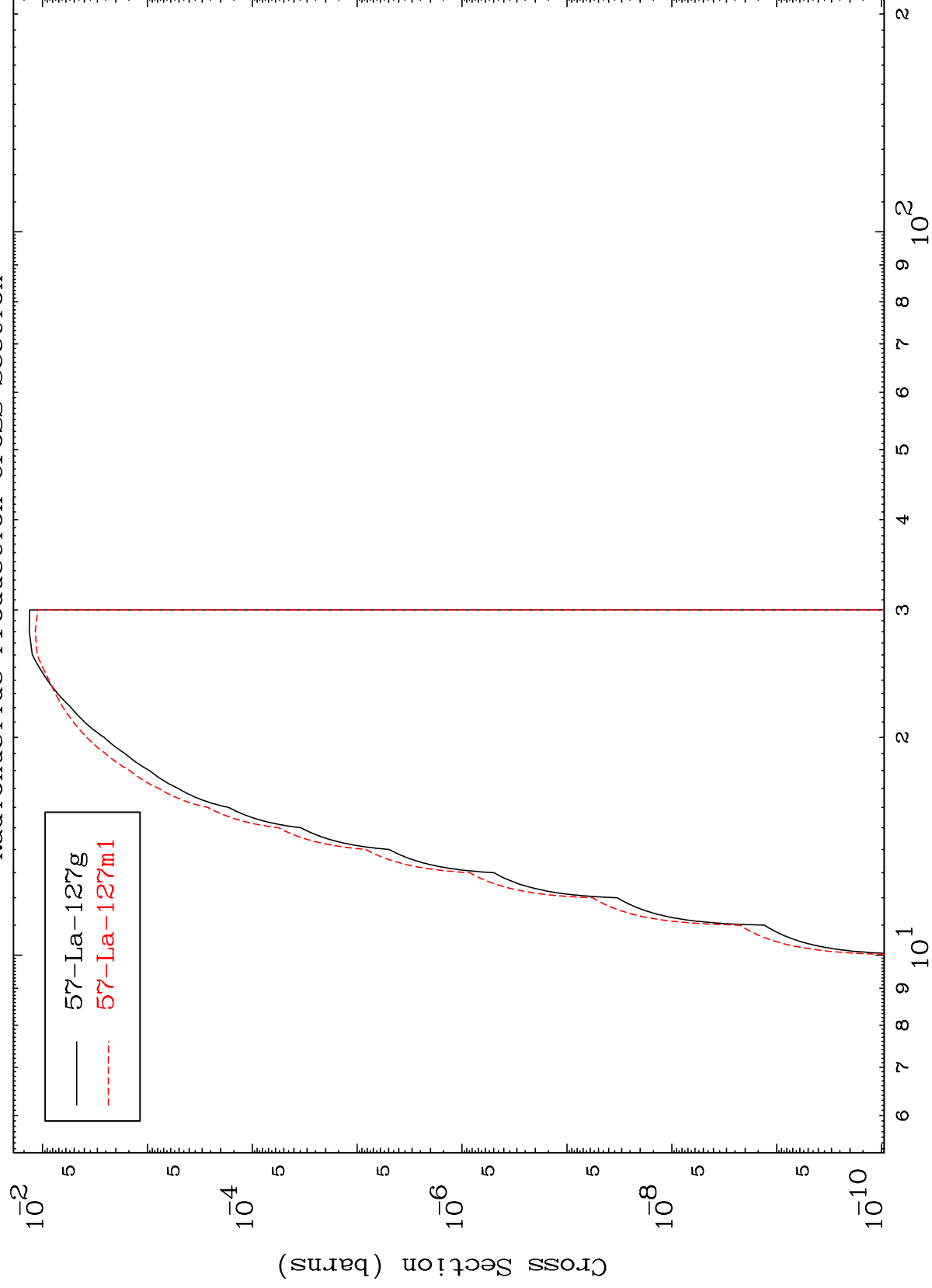




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57-La-127m

(n,p) d
Radionuclide Production Cross Section



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Incident Energy (MeV)

57-La-127m