

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

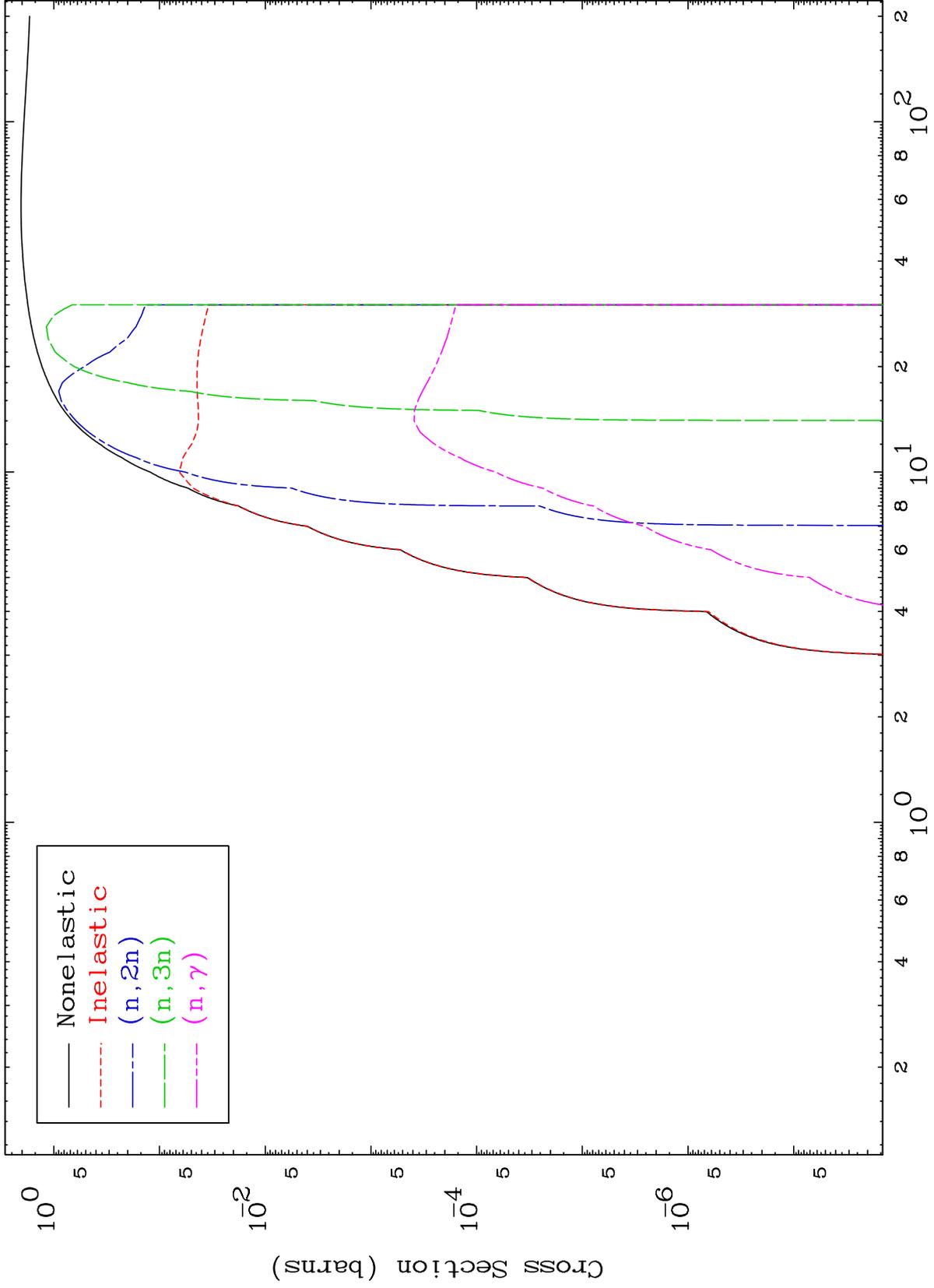
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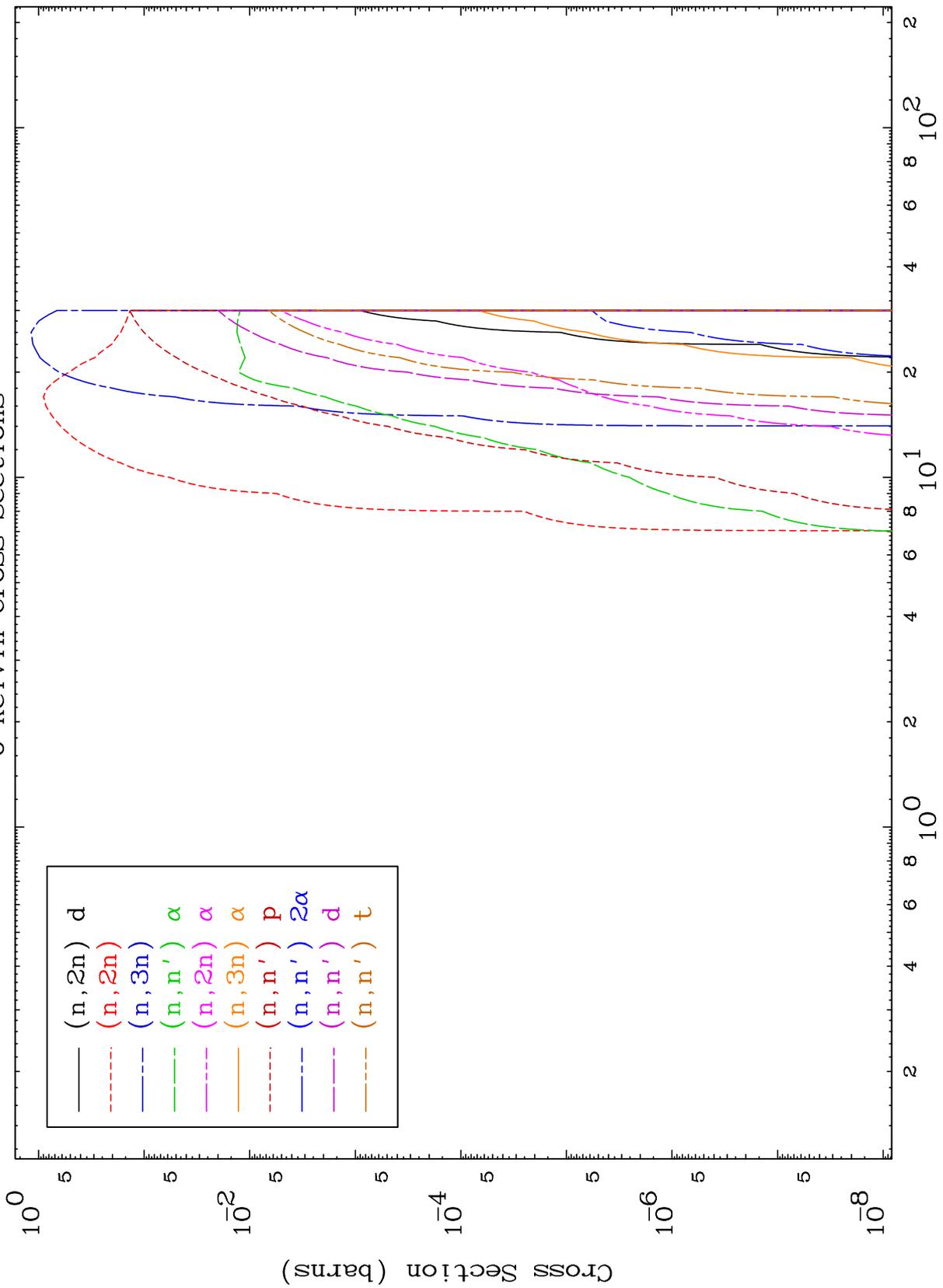
Press Mouse Button to Start



MAT 8329

Proton Neutron Absorption
0 Kelvin Cross Sections

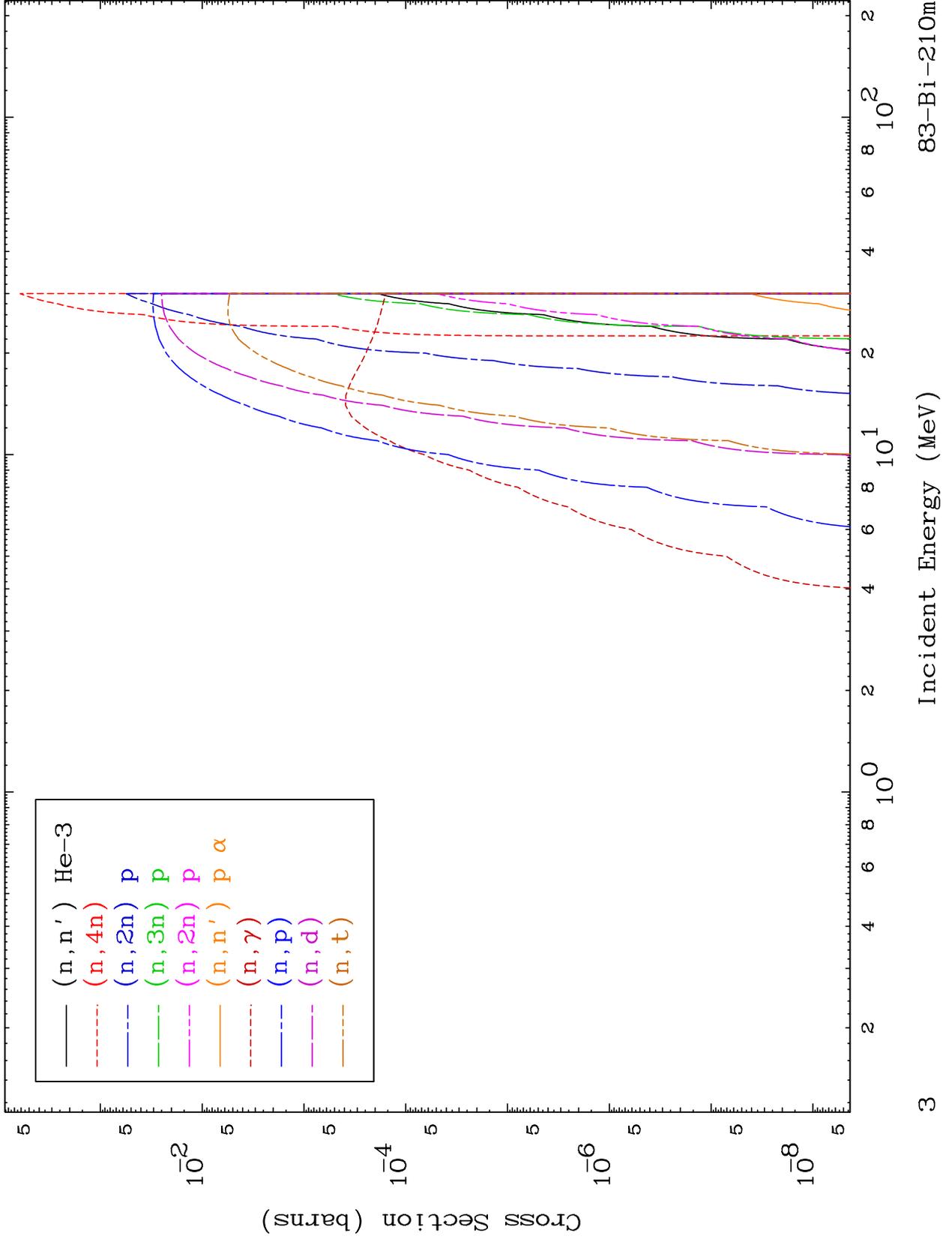
83-Bi-210m



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Proton Neutron Absorption
0 Kelvin Cross Sections

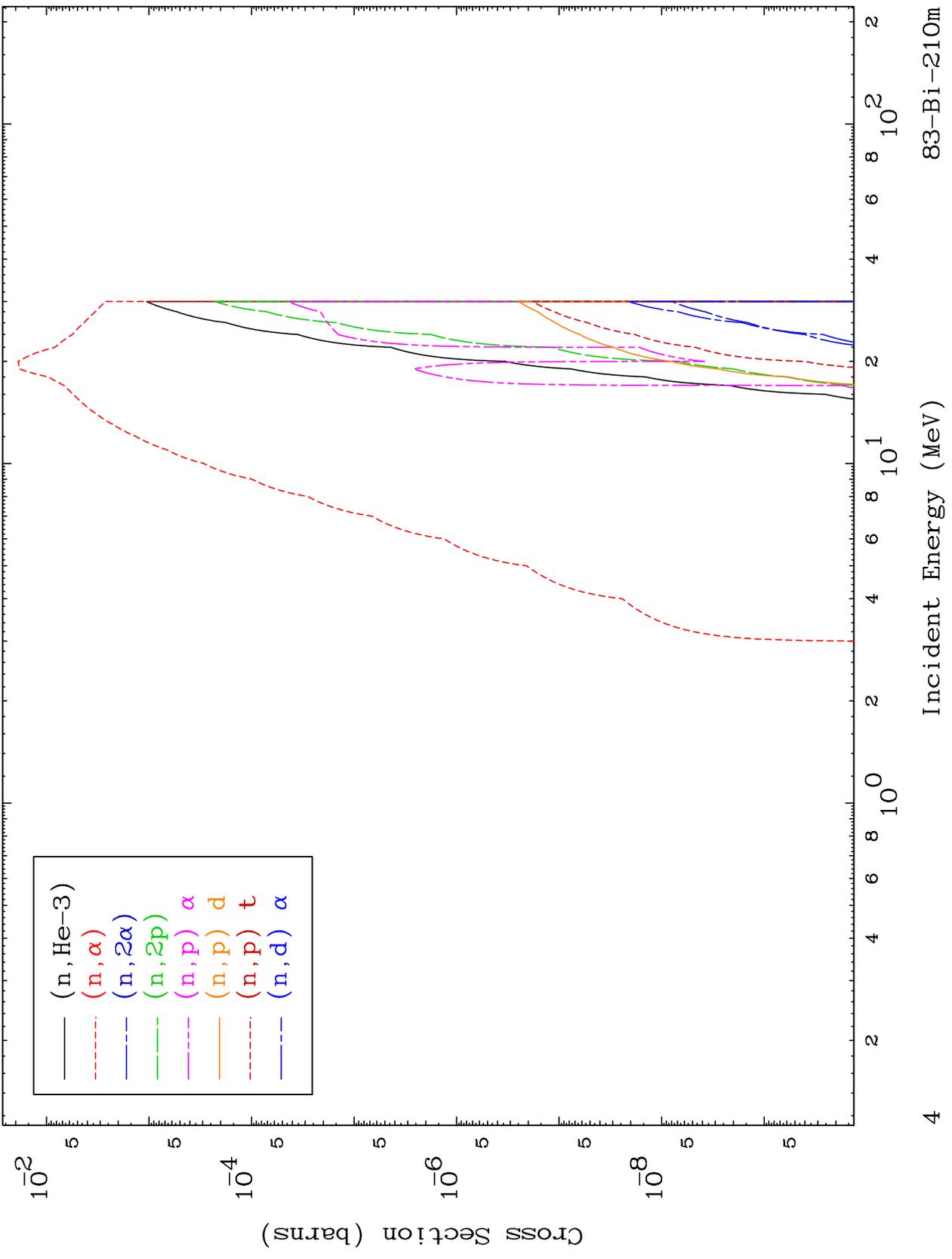
83-Bi-210m



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Proton Neutron Absorption
0 Kelvin Cross Sections

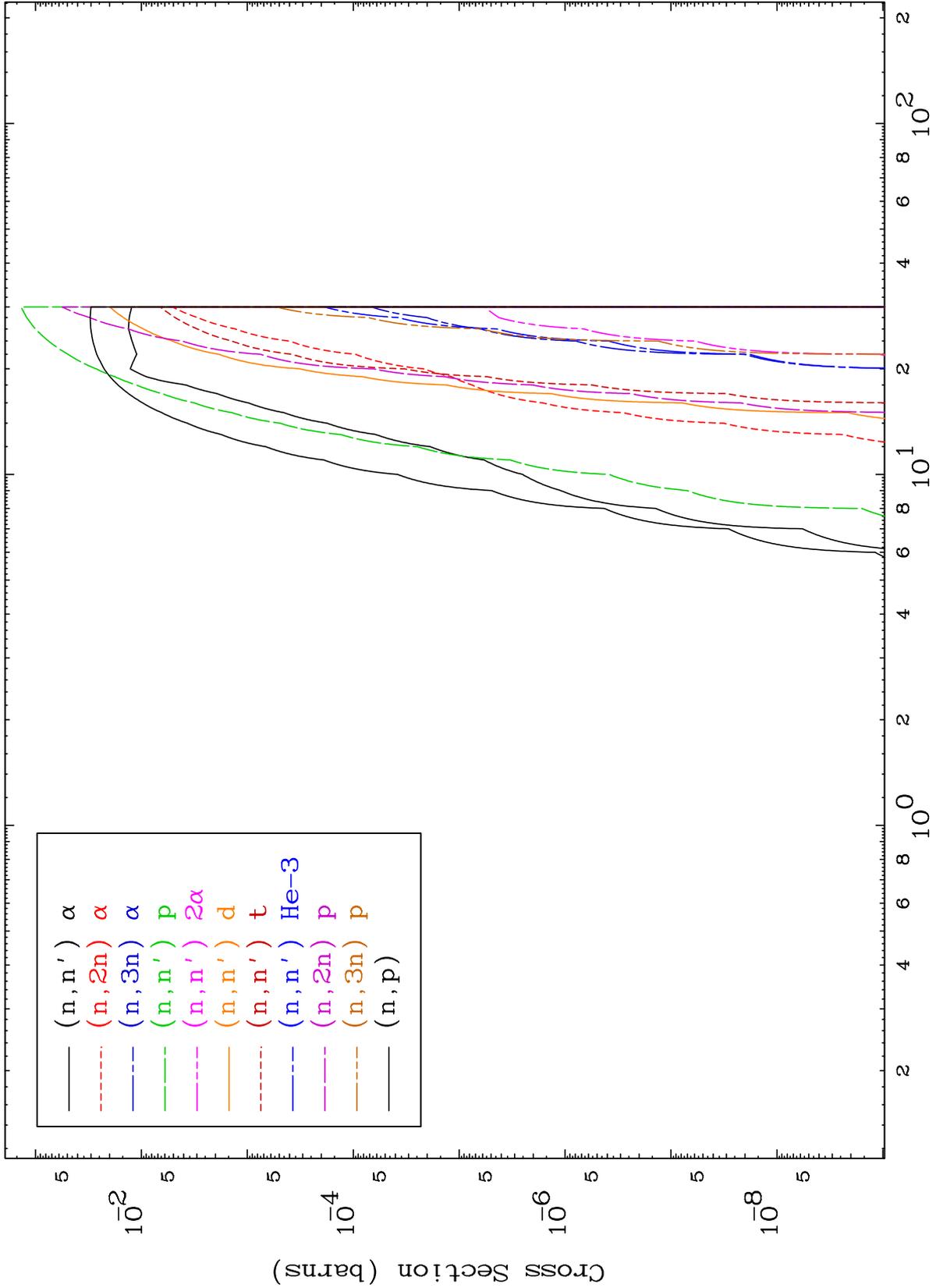
⁸³Bi-²¹⁰m



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Proton Charged Particle
0 Kelvin Cross Sections

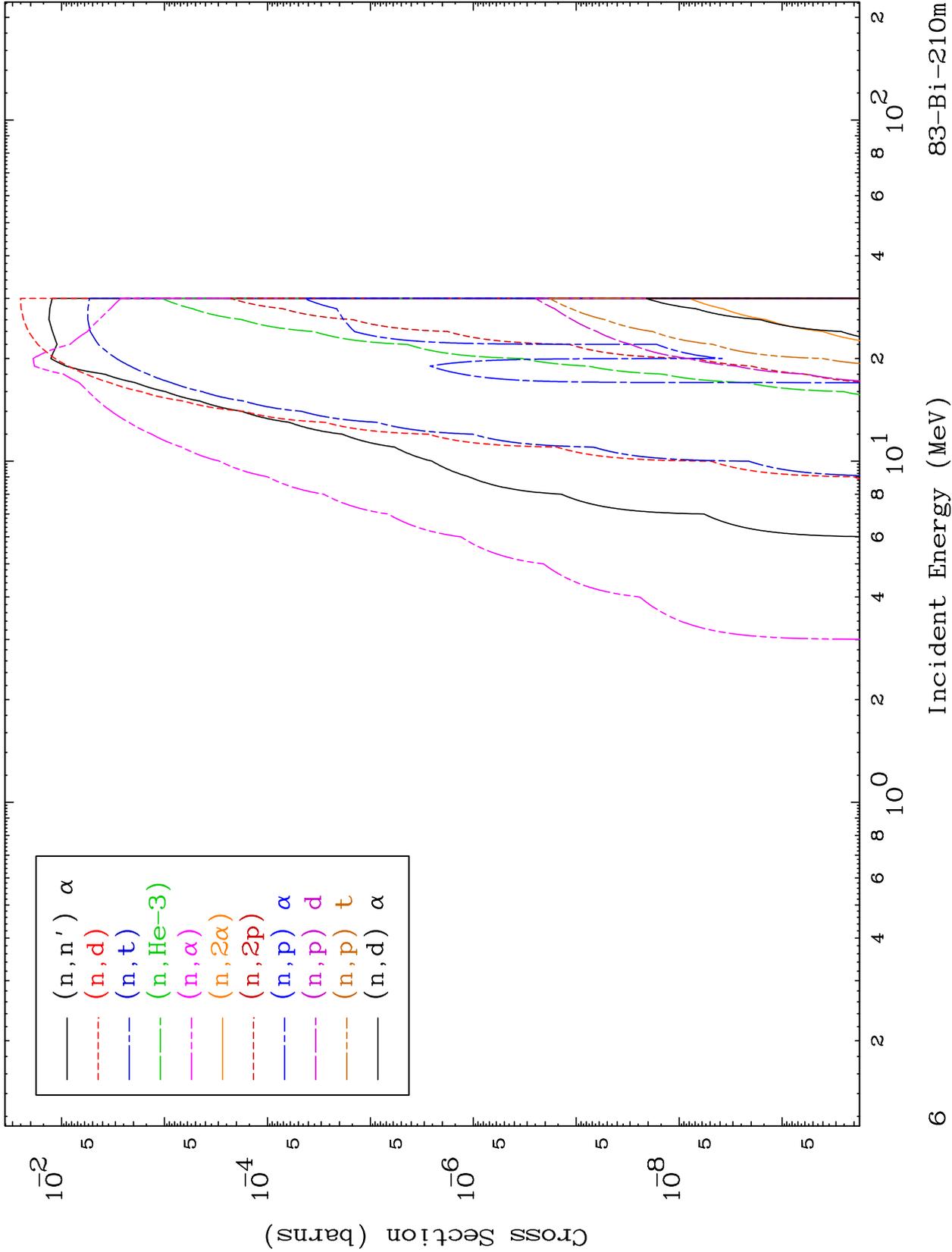
83-Bi-210m



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Proton Charged Particle
0 Kelvin Cross Sections

83-Bi-210m

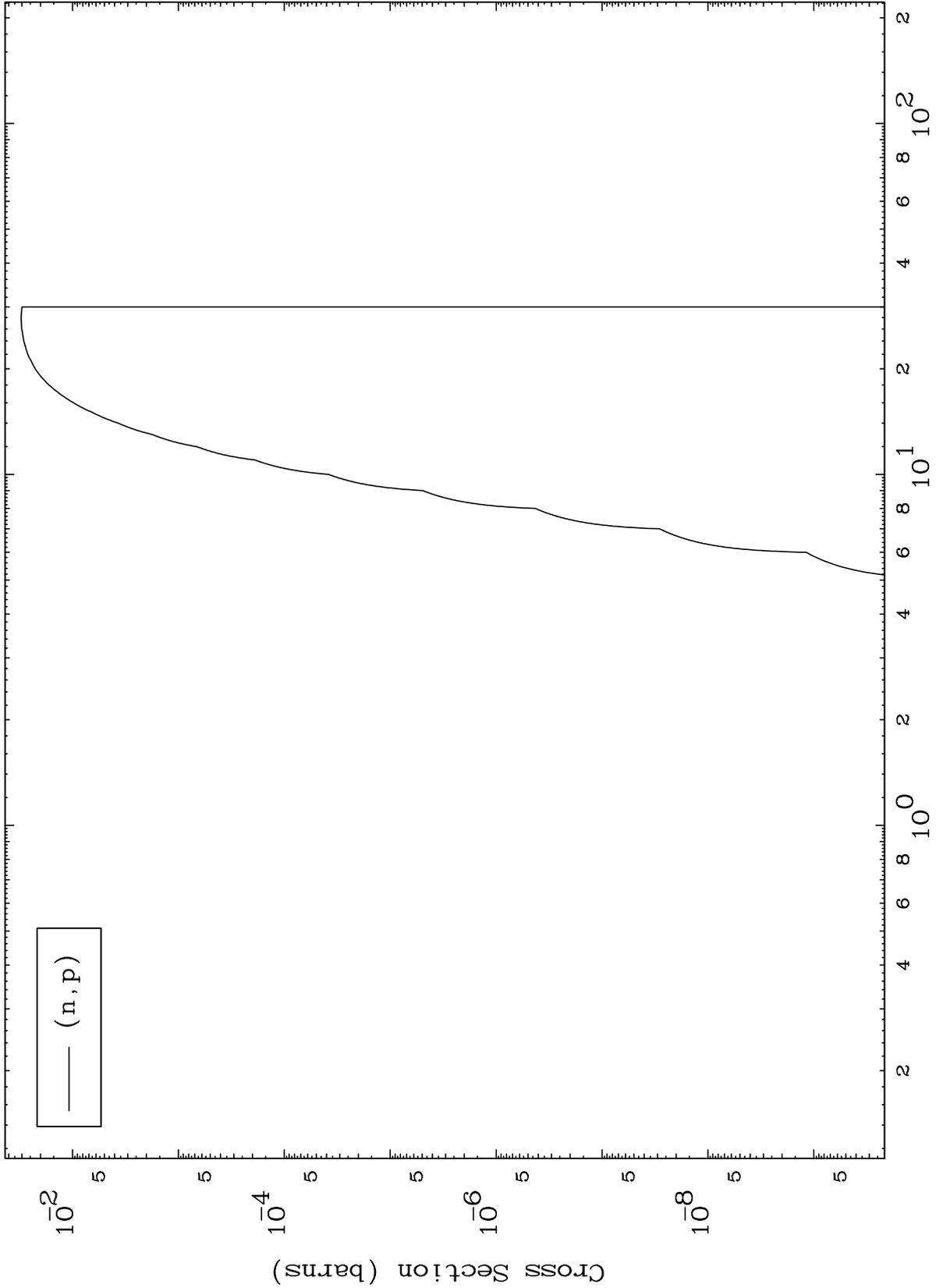


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(p,p) Levels

83-Bi-210m

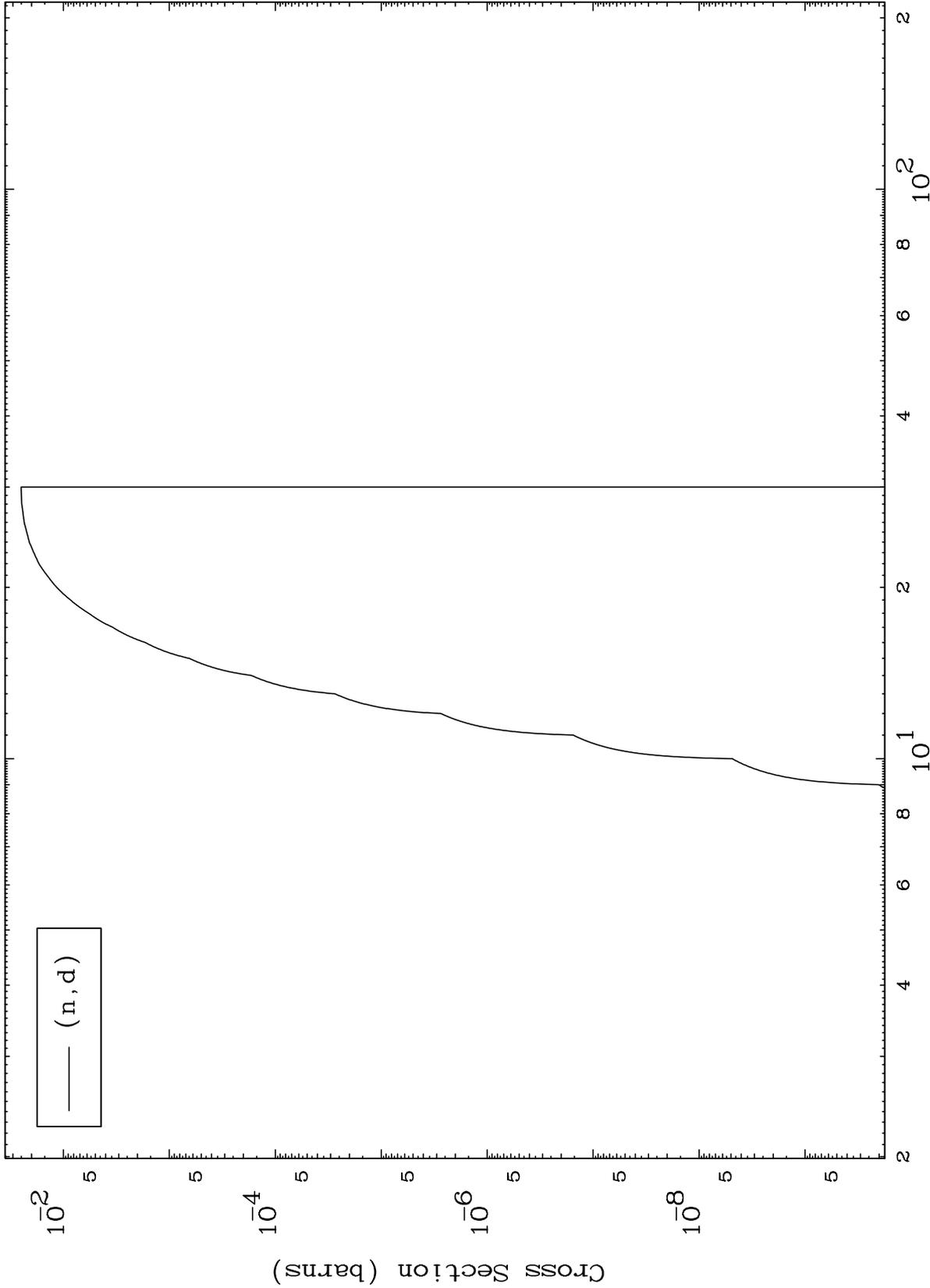
0 Kelvin Cross Sections



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(p,d) Levels
0 Kelvin Cross Sections

83-Bi-210m



8

Incident Energy (MeV)

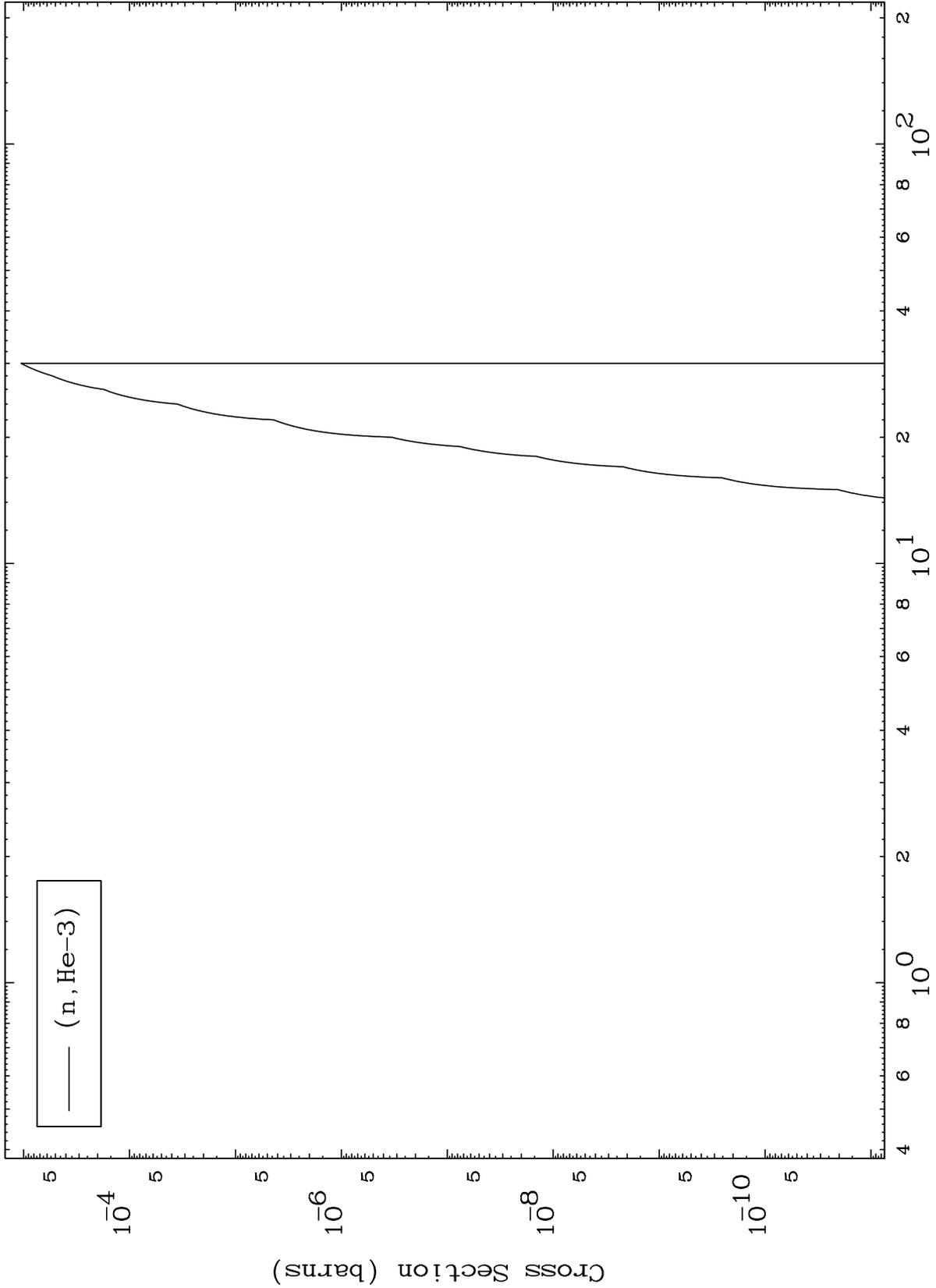
83-Bi-210m

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(p,He3) Levels

83-Bi-210m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

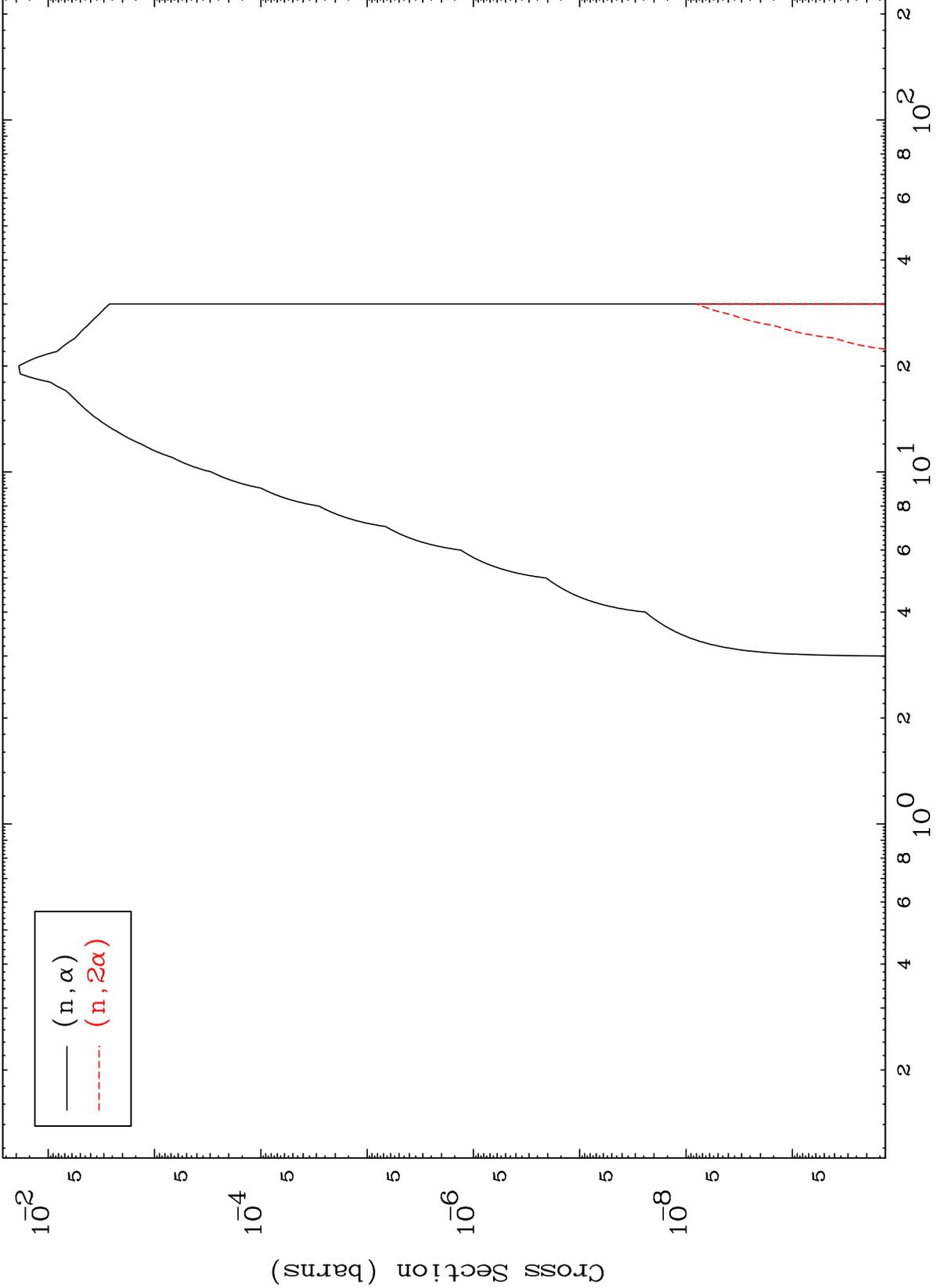
83-Bi-210m

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(p, α) Levels

83-Bi-210m

0 Kelvin Cross Sections



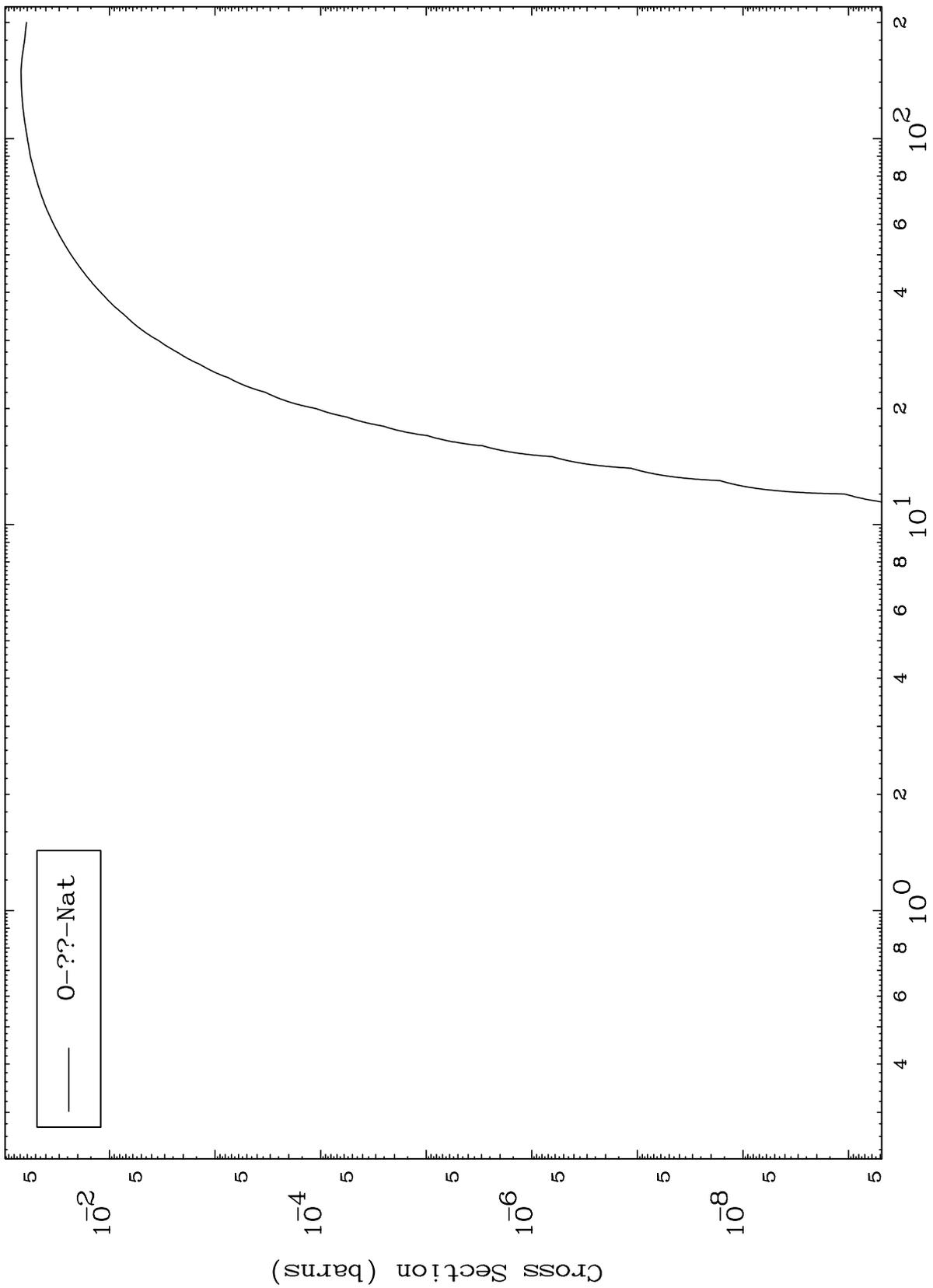
— (n, α)
- - - (n, 2α)

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Fission

⁸³Bi-210m

Radionuclide Production Cross Section

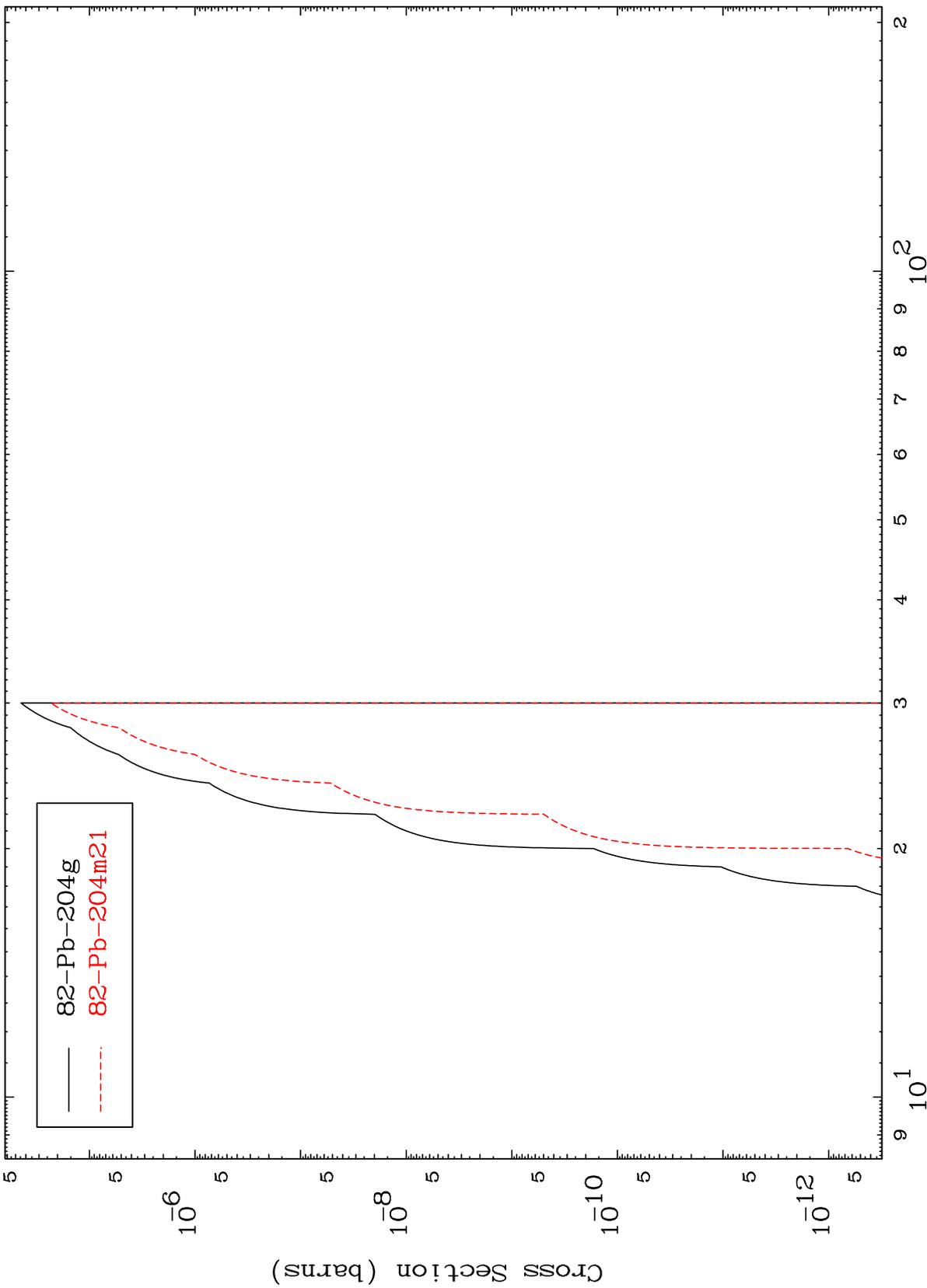


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(n,3n) α

83-Bi-210m

Radionuclide Production Cross Section



82-Pb-204g
82-Pb-204m21

13

Incident Energy (MeV)

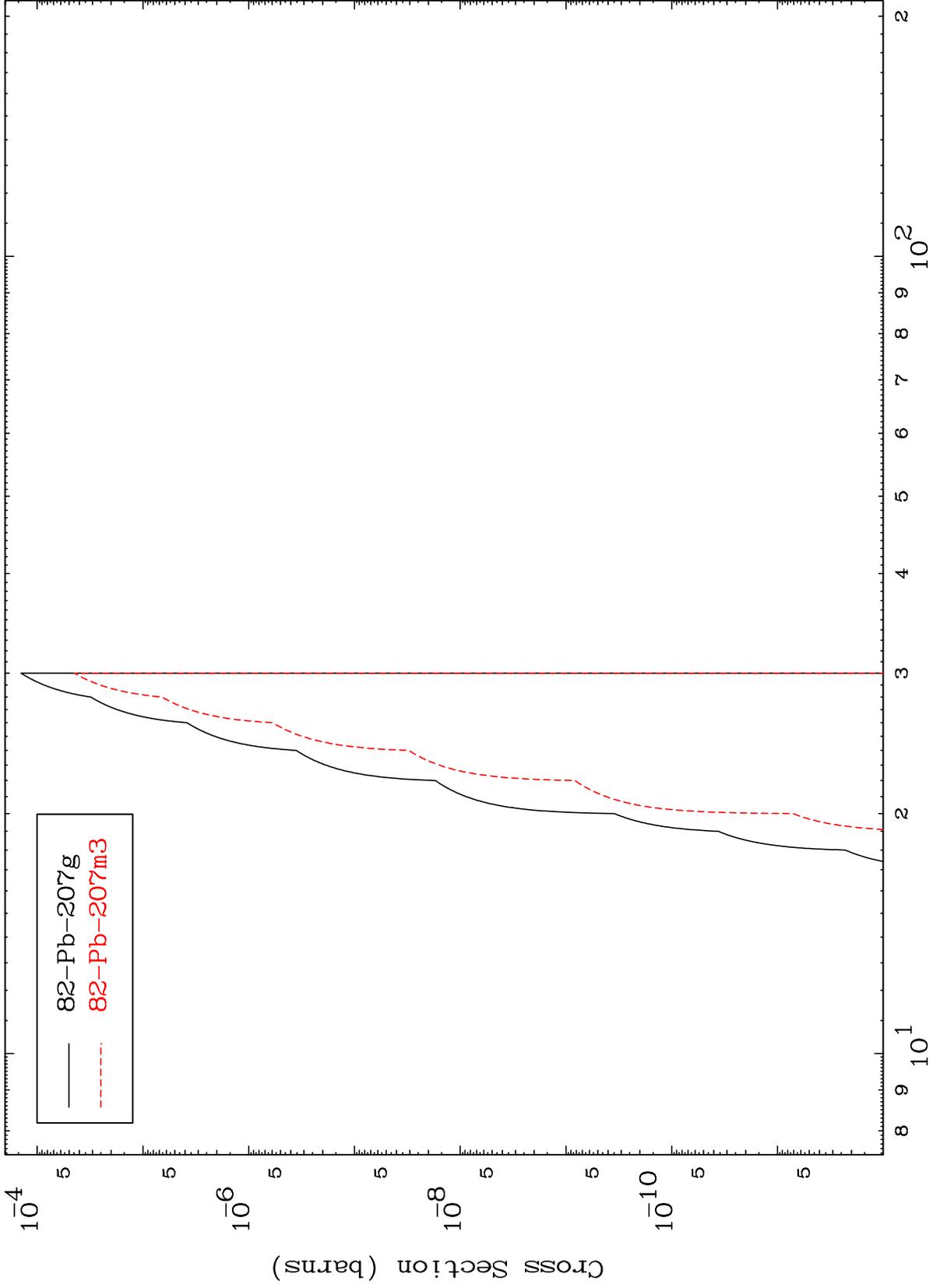
83-Bi-210m

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(n,n') He-3

83-Bi-210m

Radionuclide Production Cross Section



Incident Energy (MeV)

83-Bi-210m

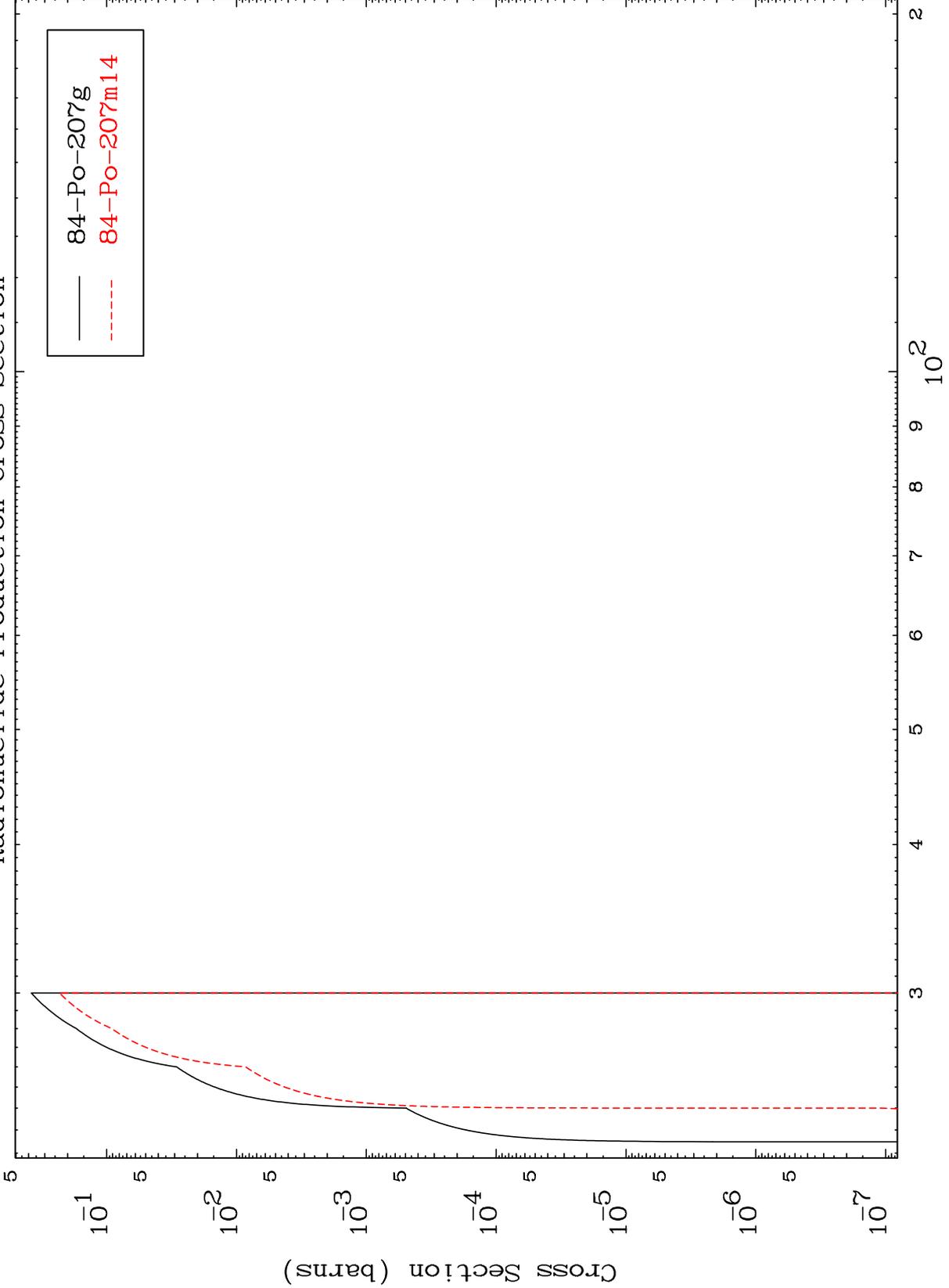
14

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(n,4n)

83-Bi-210m

Radionuclide Production Cross Section



84-Po-207g
84-Po-207m14

15

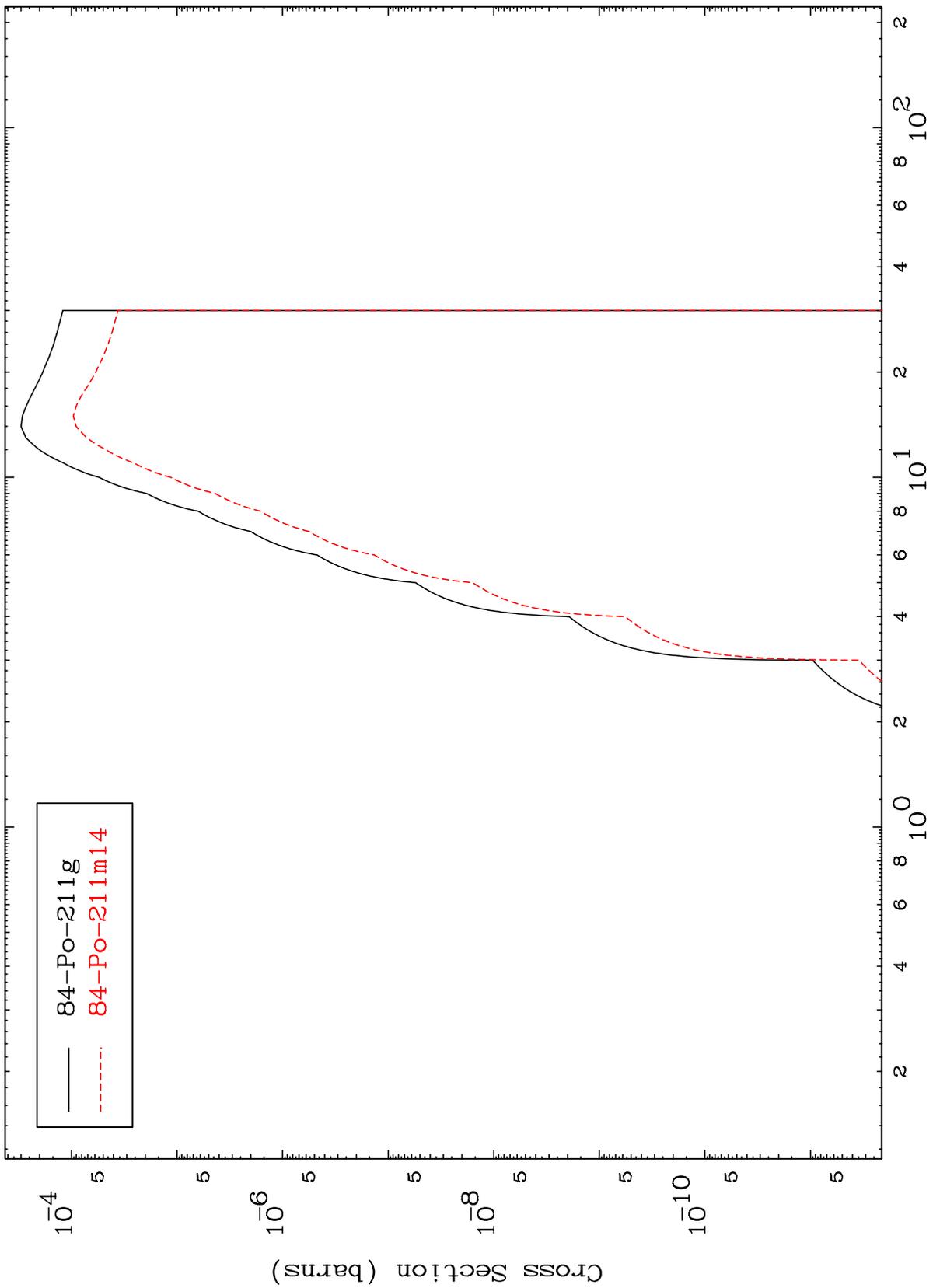
Incident Energy (MeV)

83-Bi-210m

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83-Bi-210m

(n,γ)
Radionuclide Production Cross Section



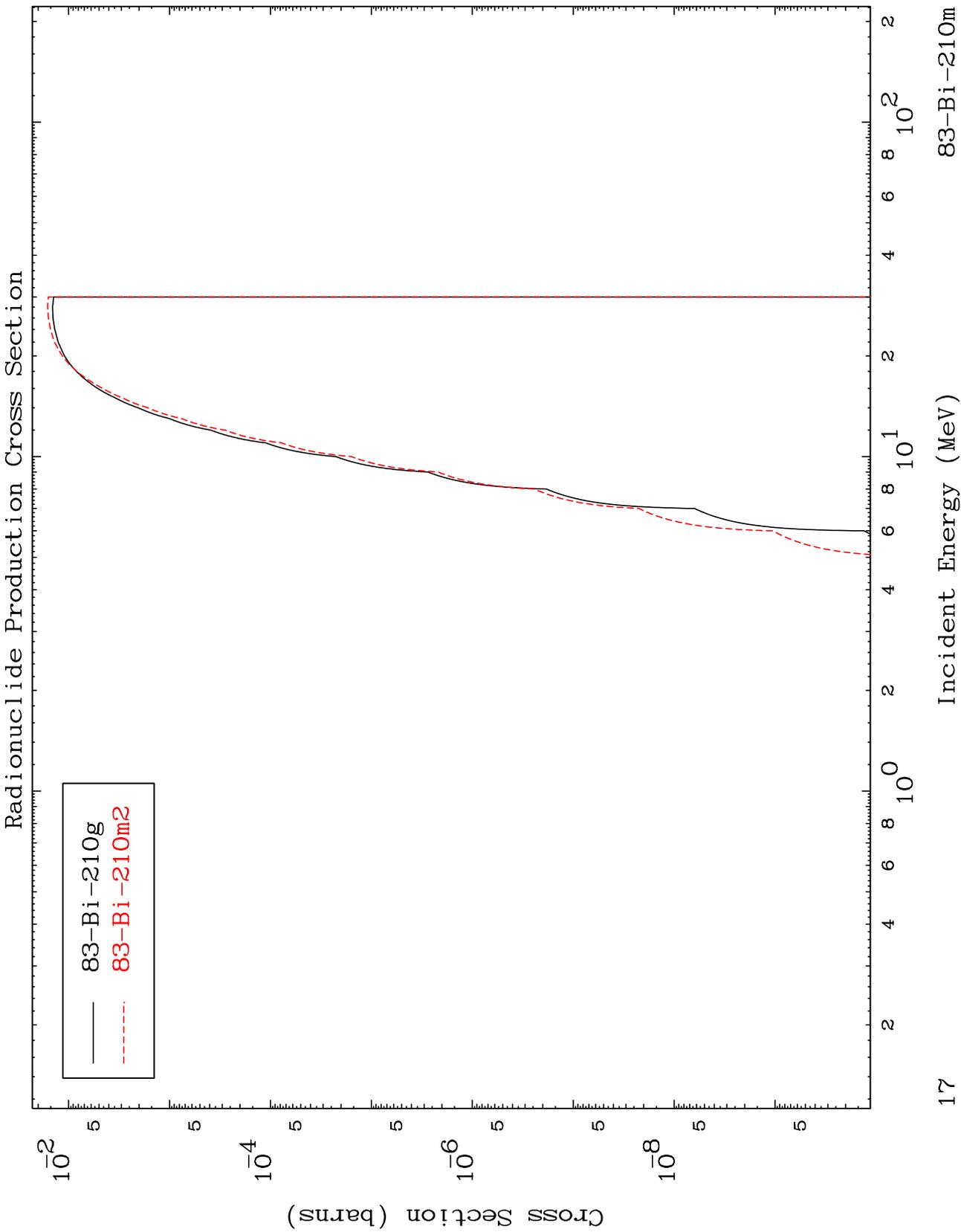
83-Bi-210m

Incident Energy (MeV)

16

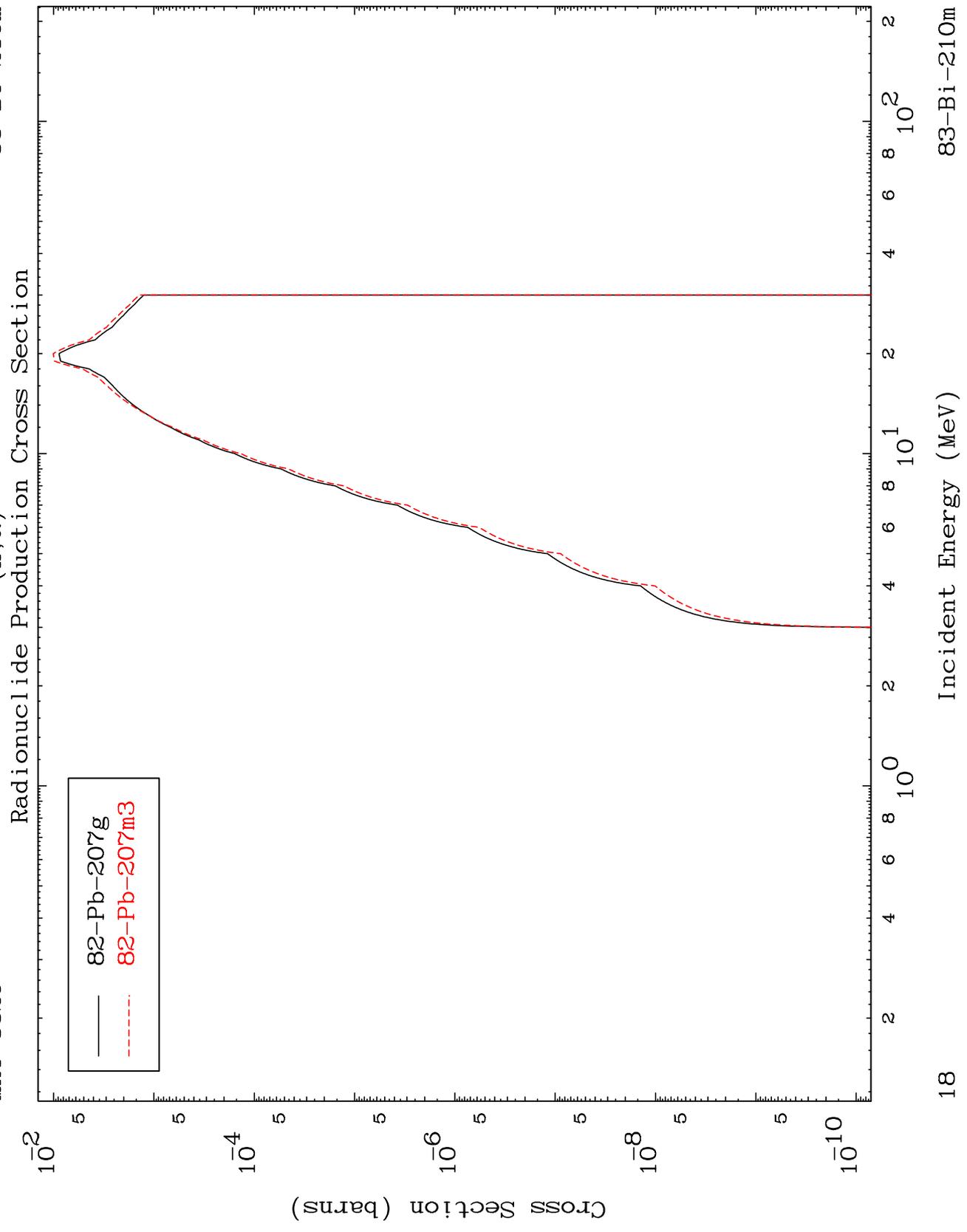
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⁸³Bi-210m



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$^{83}\text{Bi-210m}$

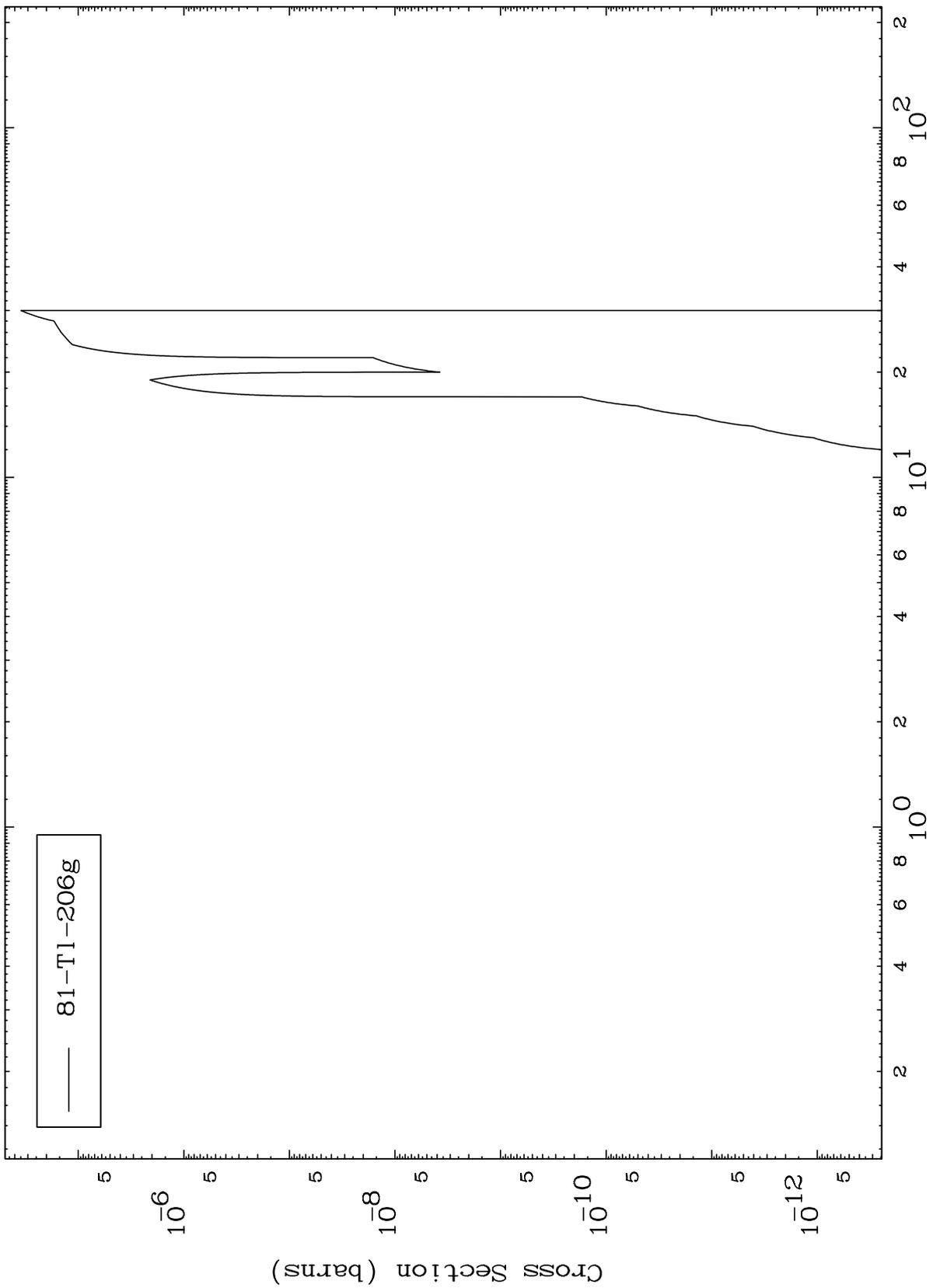


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(n,p) α

83-Bi-210m

Radionuclide Production Cross Section

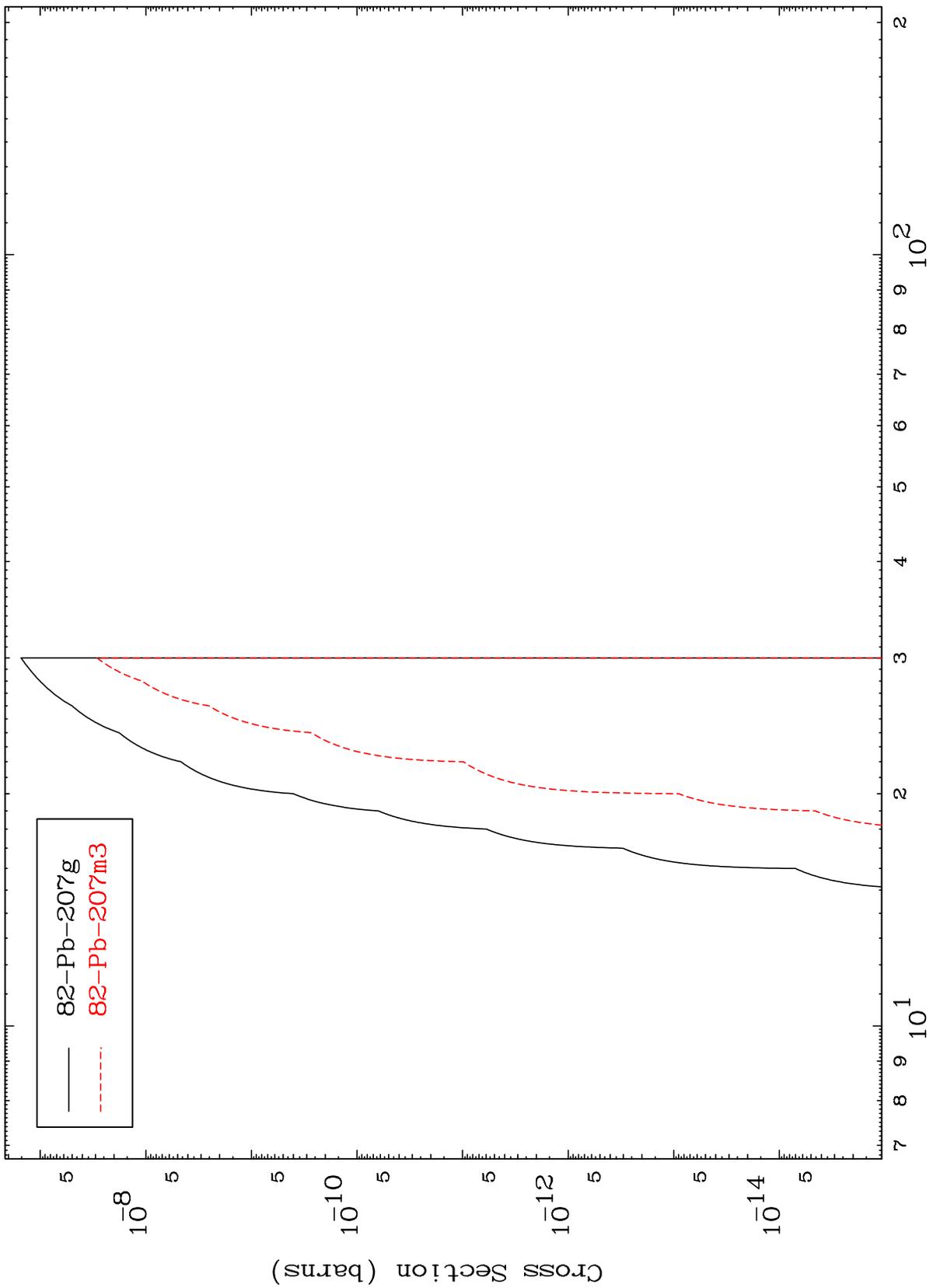


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(n,p) t

83-Bi-210m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

83-Bi-210m