

Program EVALPLOT
(Version 2021-1)

by

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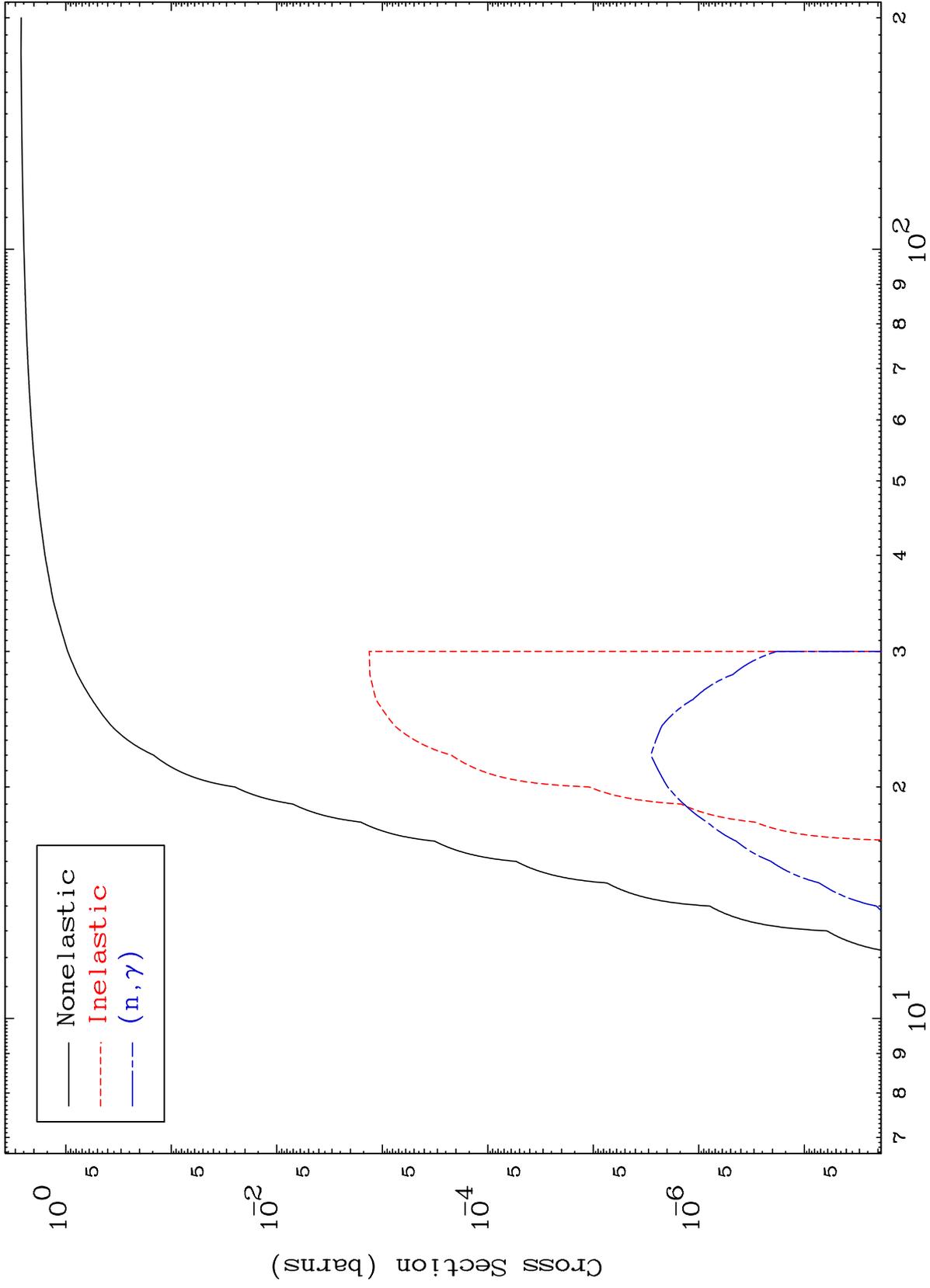
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8169

0 Kelvin Cross Sections

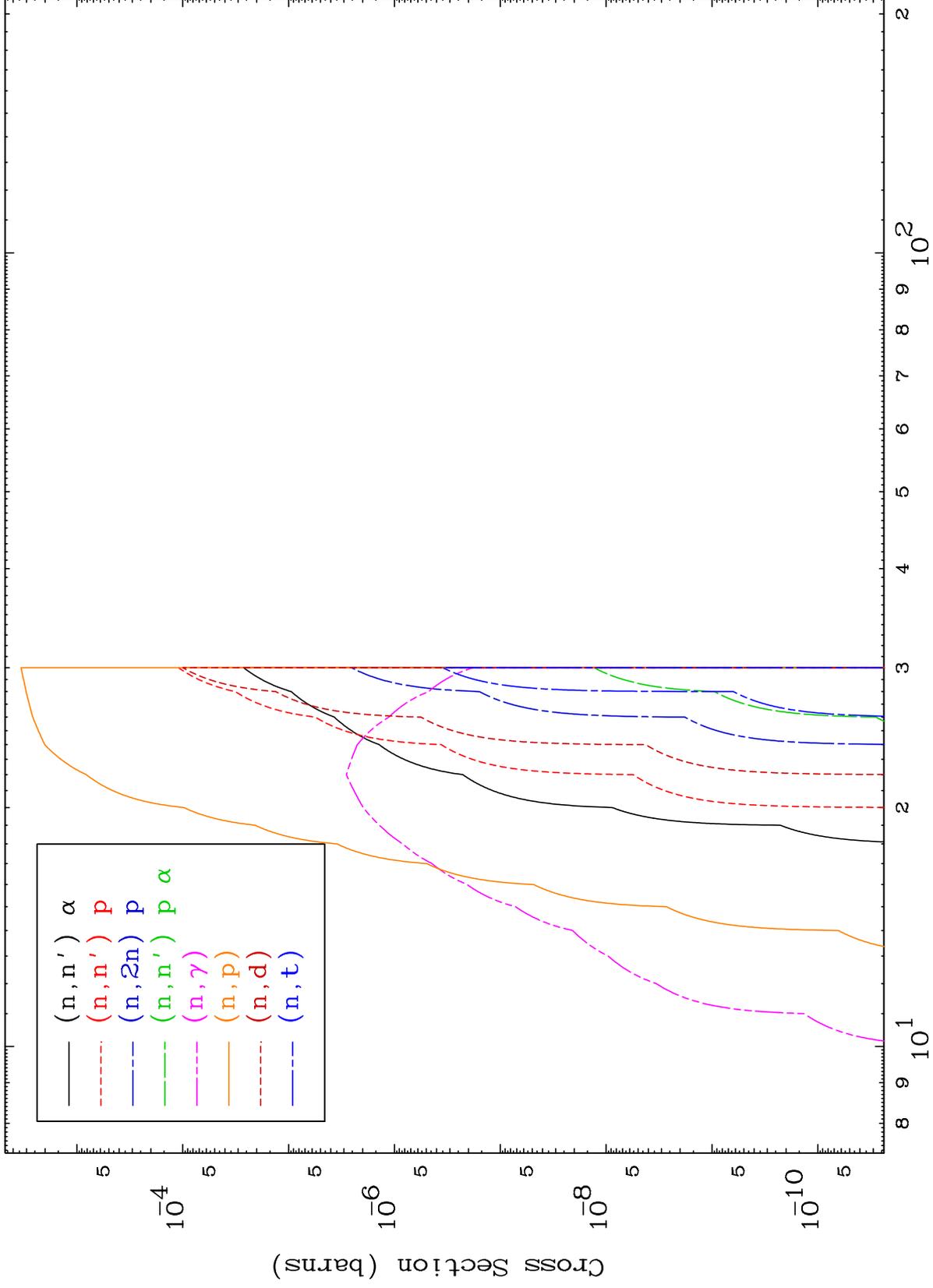
82-Pb-185m



1

Incident Energy (MeV)

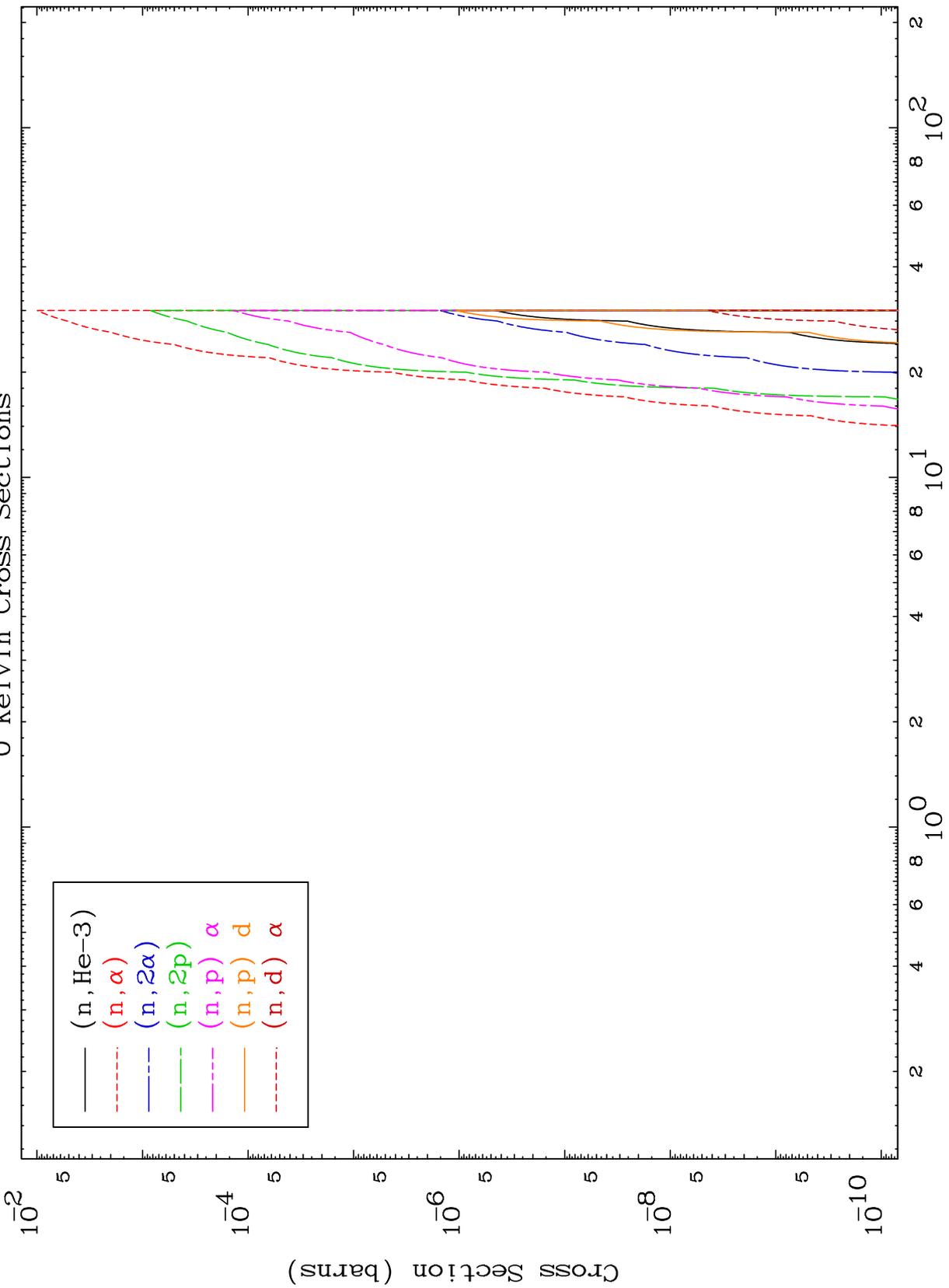
82-Pb-185m



MAT 8169

α Neutron Absorption
0 Kelvin Cross Sections

82-Pb-185m



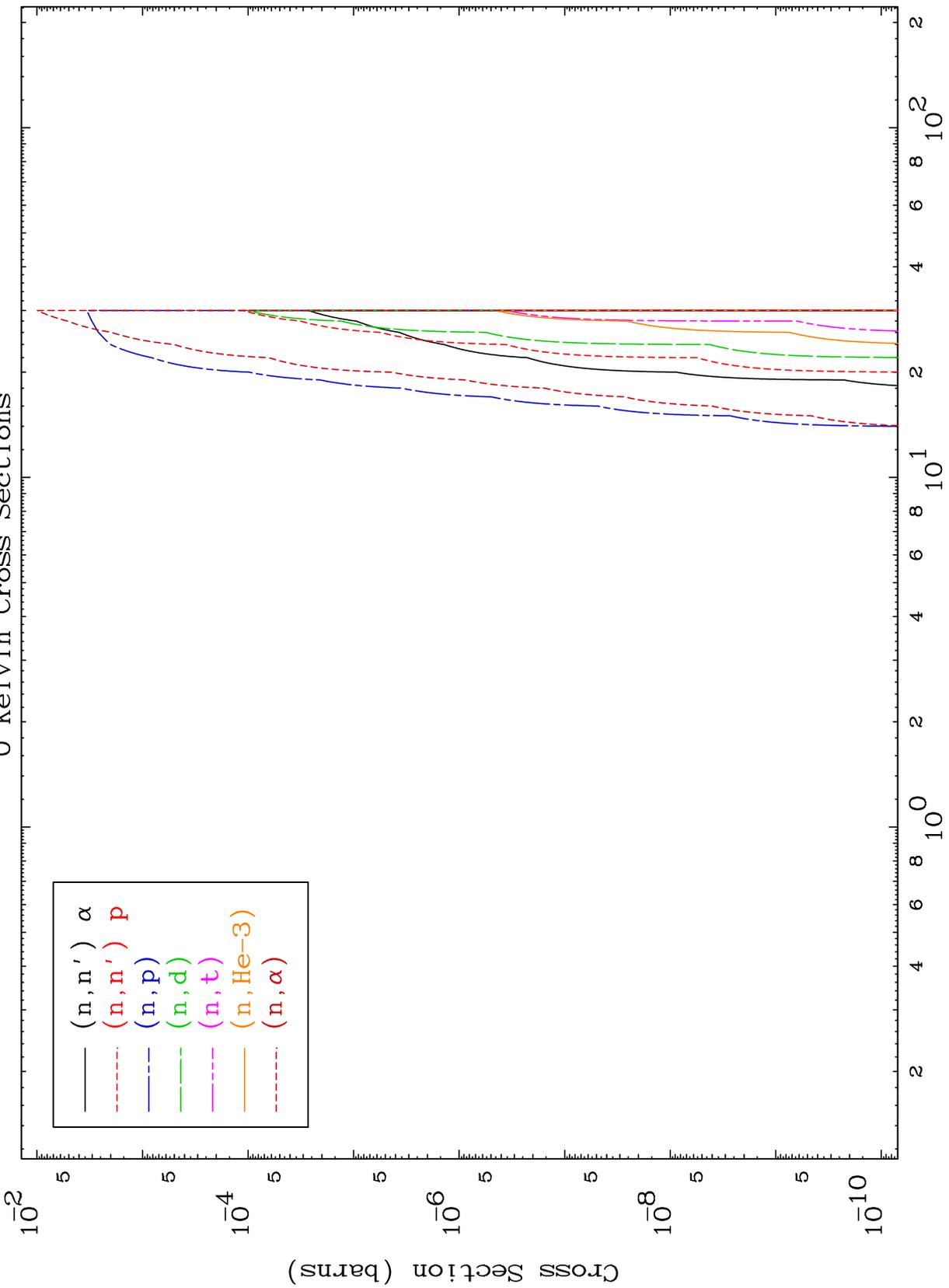
Incident Energy (MeV)

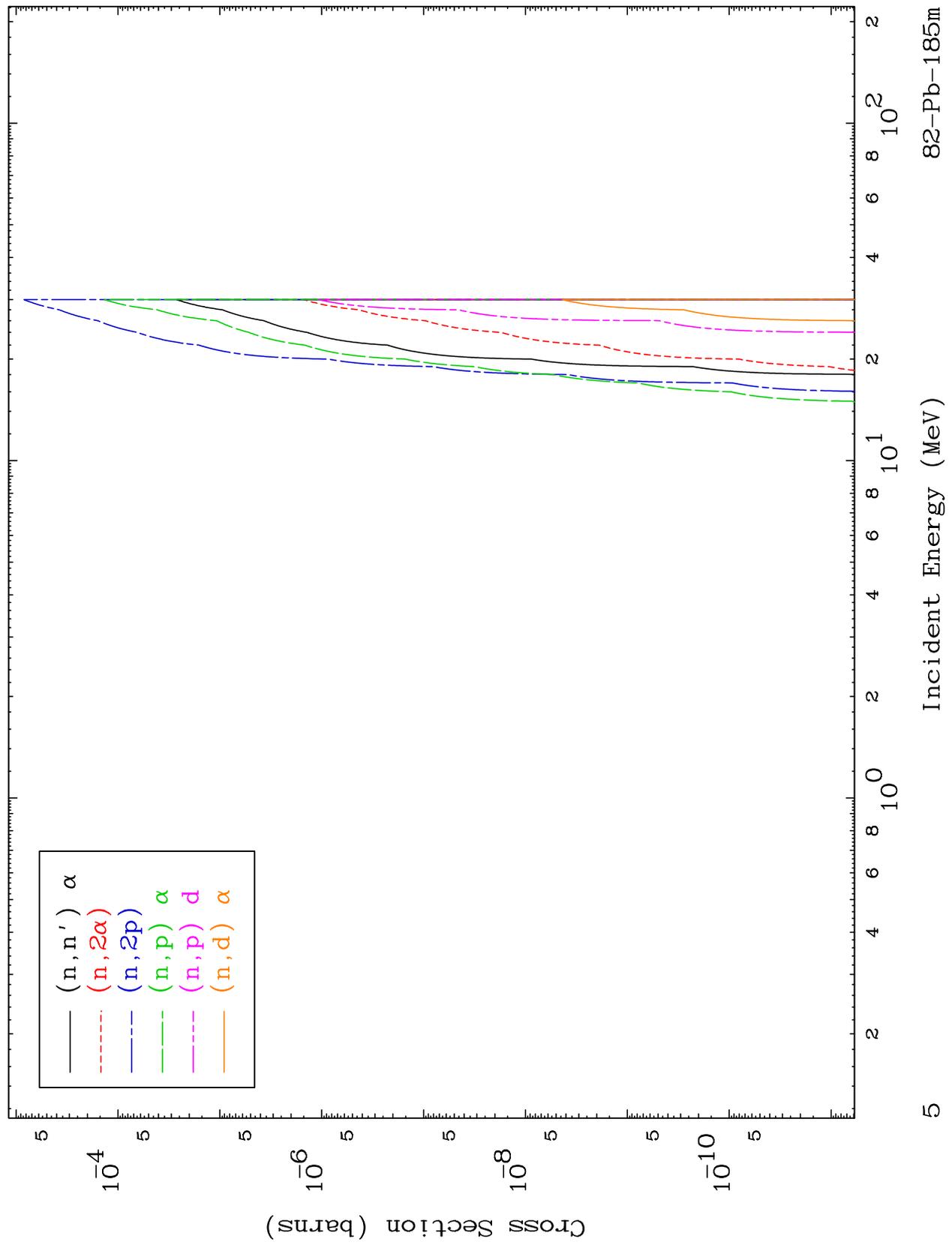
82-Pb-185m

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α Charged Particle
0 Kelvin Cross Sections

82-Pb-185m

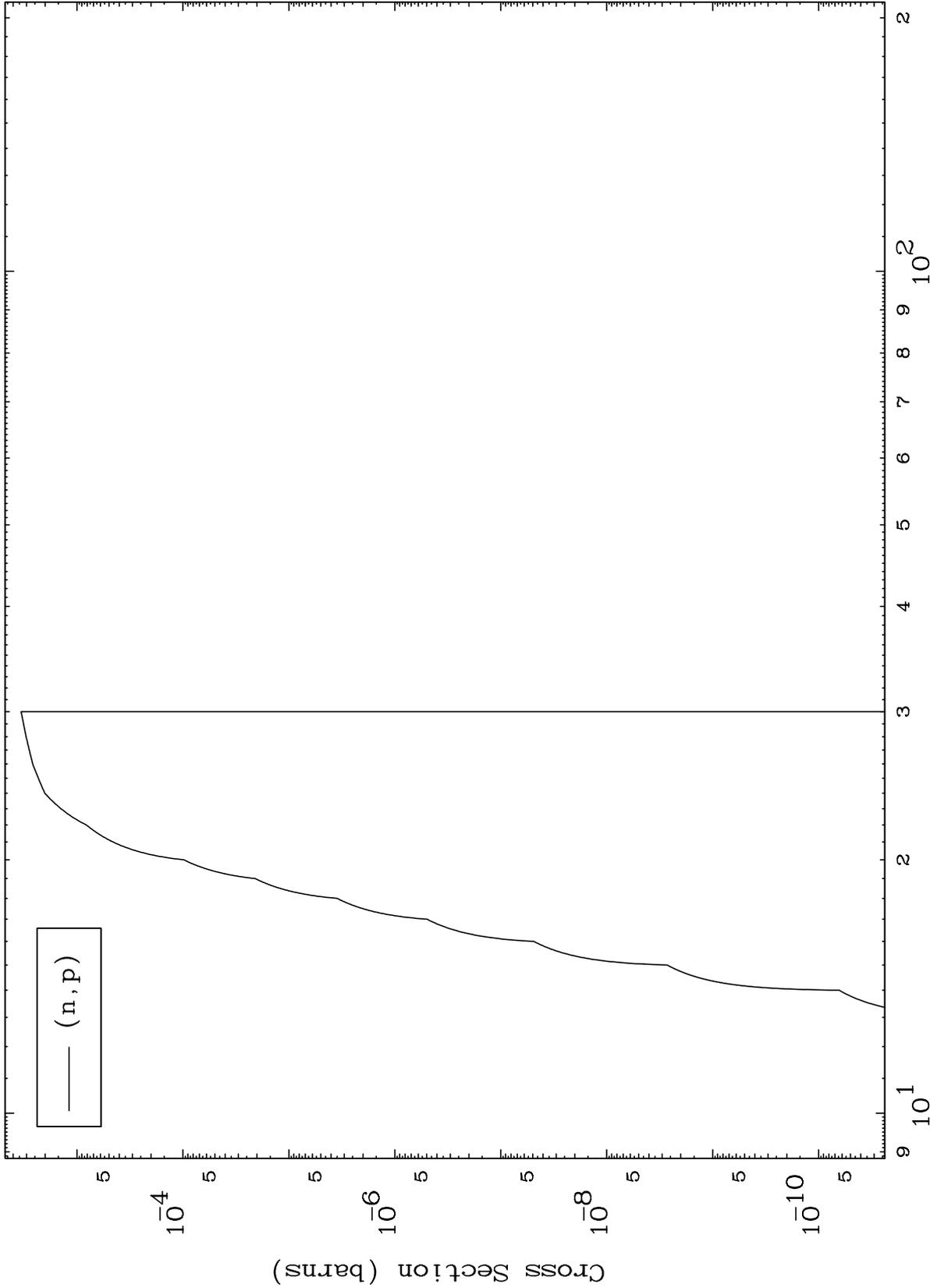




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(α, p) Levels
0 Kelvin Cross Sections

82-Pb-185m



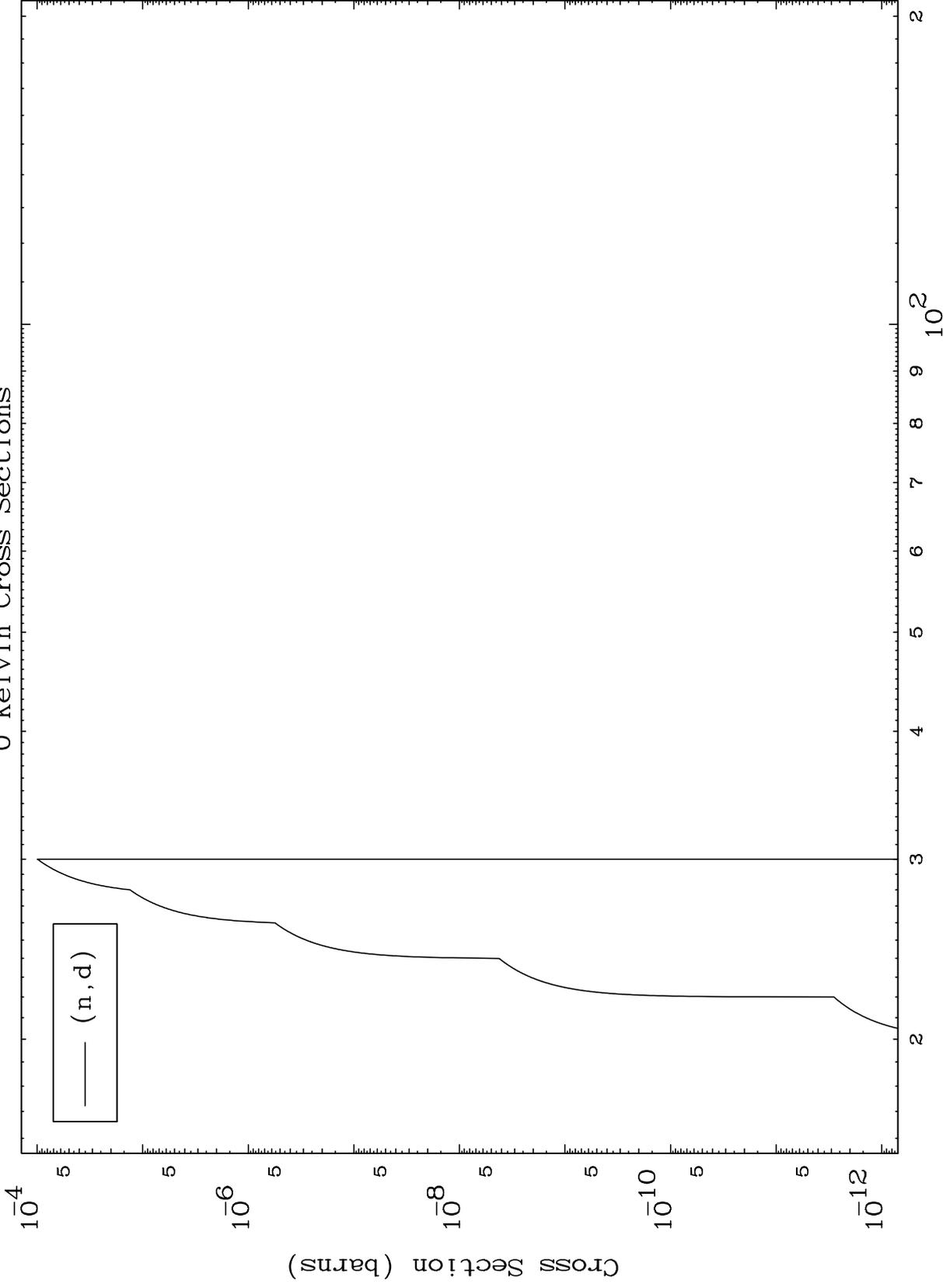
Incident Energy (MeV)

82-Pb-185m

MAT 8169

(α, d) Levels
0 Kelvin Cross Sections

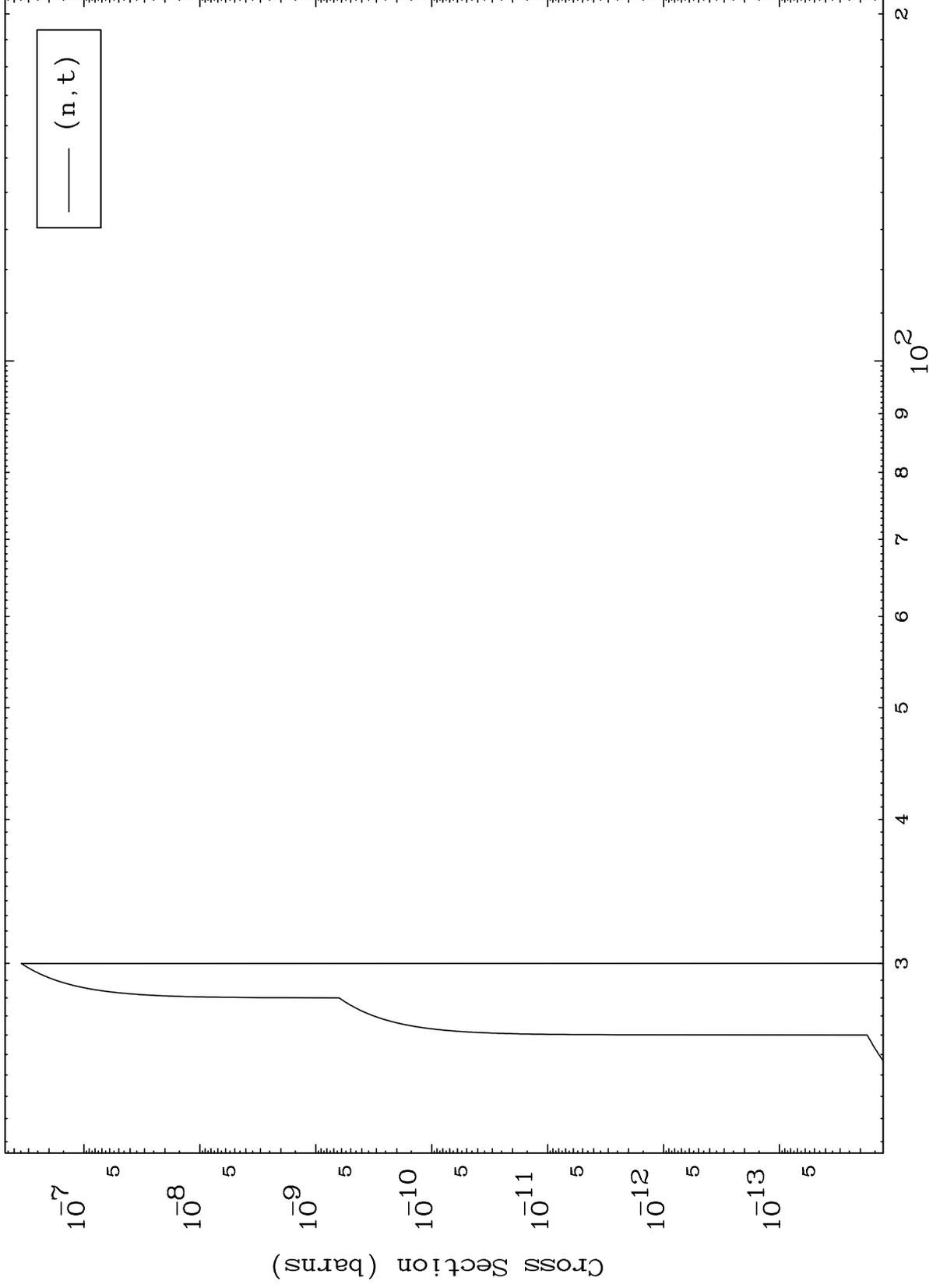
$^{82}\text{Pb}-185\text{m}$



7

Incident Energy (MeV)

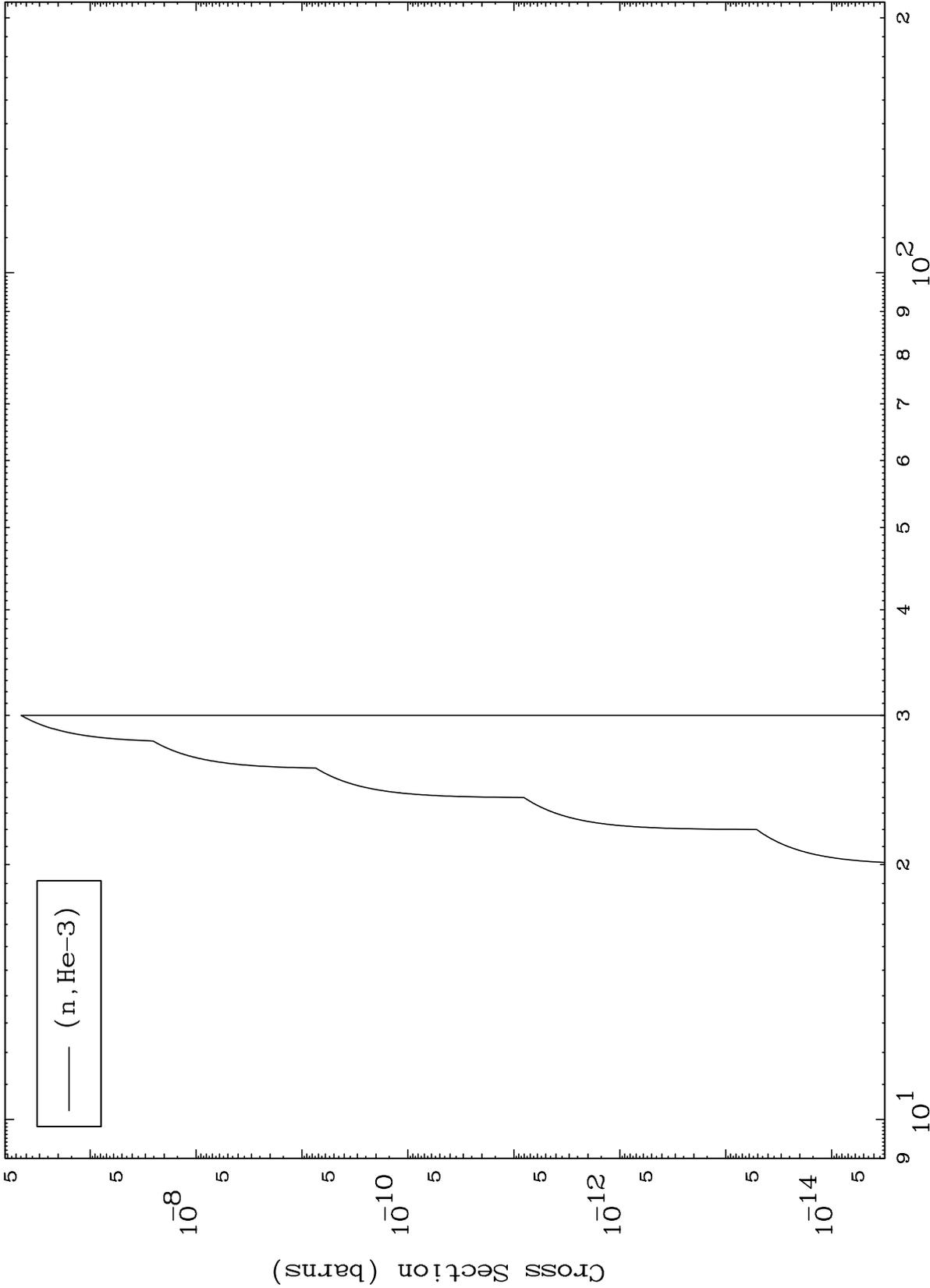
$^{82}\text{Pb}-185\text{m}$



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($\alpha, \text{He3}$) Levels
0 Kelvin Cross Sections

82-Pb-185m



9

Incident Energy (MeV)

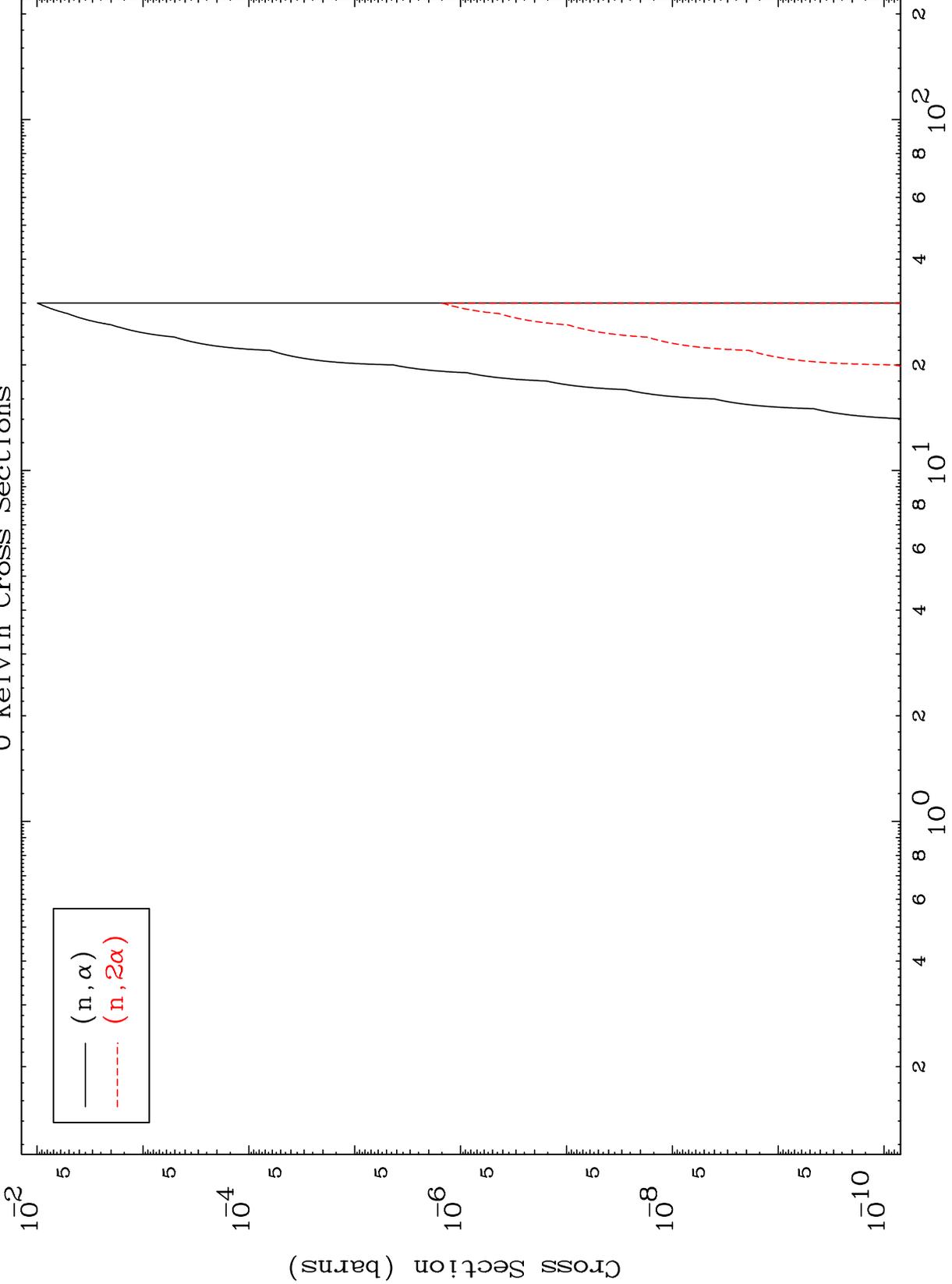
82-Pb-185m

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(α, α) Levels

82-Pb-185m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

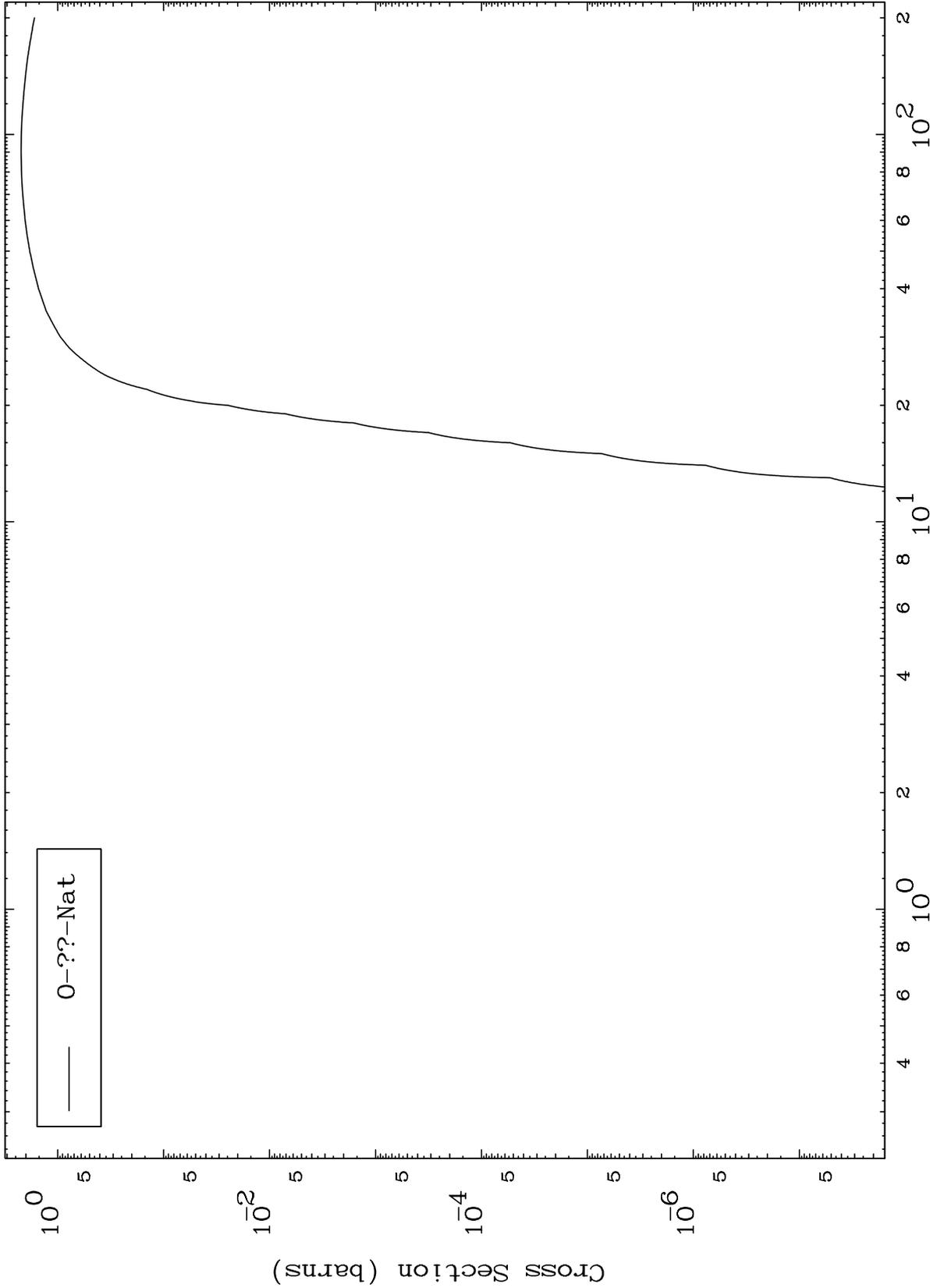
82-Pb-185m

MAT 8169

Fission

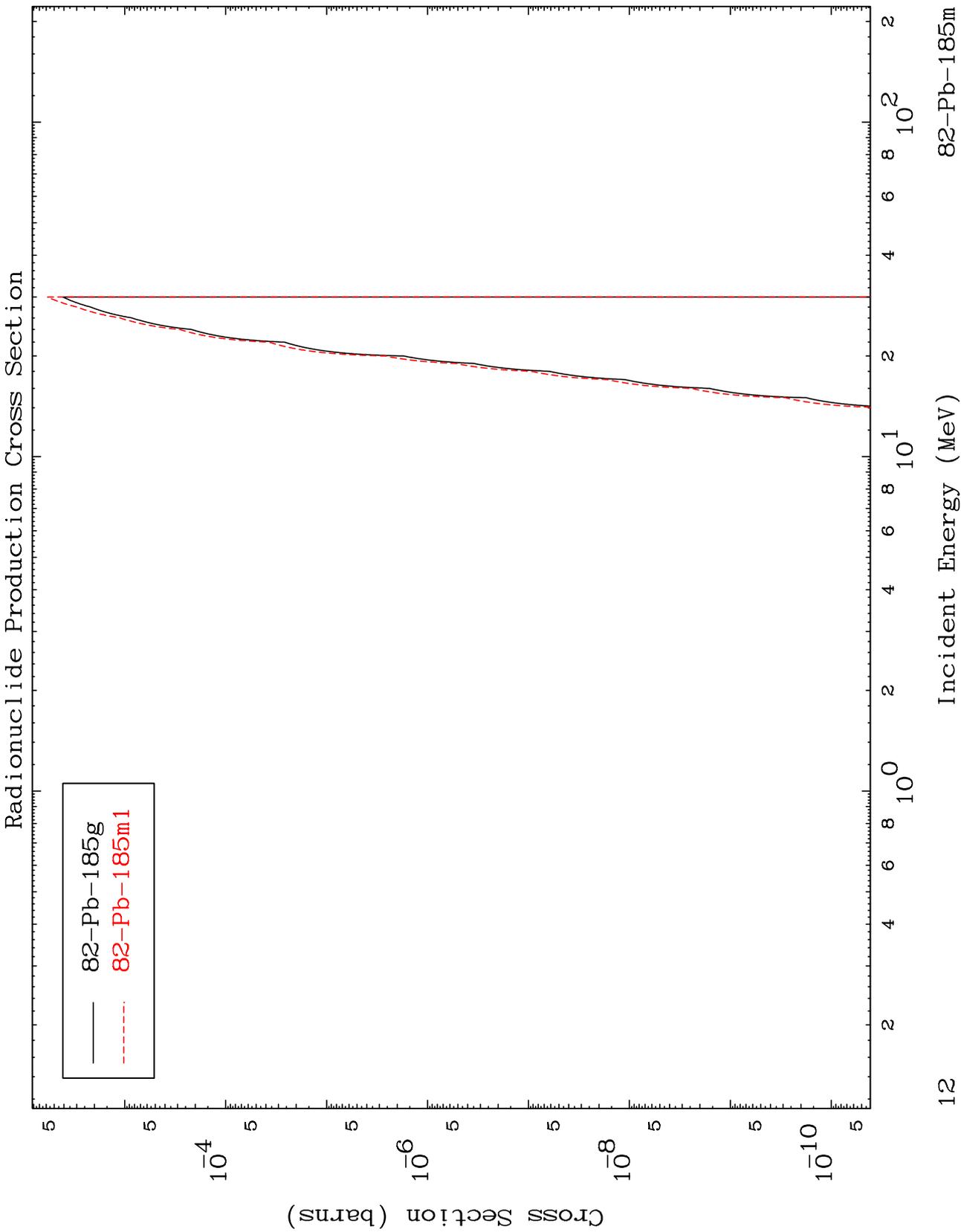
⁸²Pb-185m

Radionuclide Production Cross Section



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$^{82}\text{Pb-185m}$

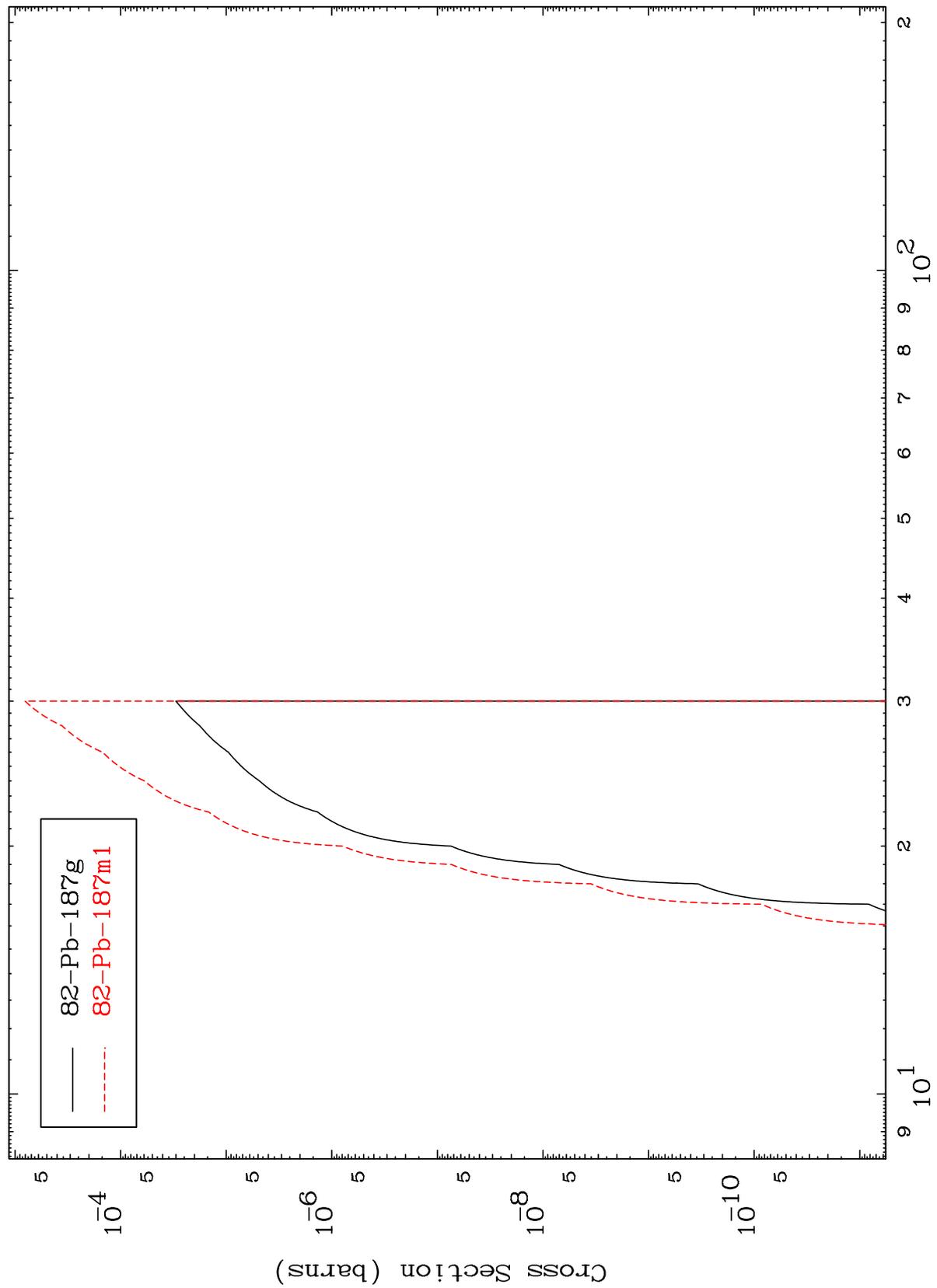


— 82-Pb-185g
- - - 82-Pb-185m1

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82-Pb-185m

(n,2p)
Radionuclide Production Cross Section



82-Pb-187g
82-Pb-187m1

82-Pb-185m

Incident Energy (MeV)

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