

Program EVALPLOT
(Version 2021-1)

by

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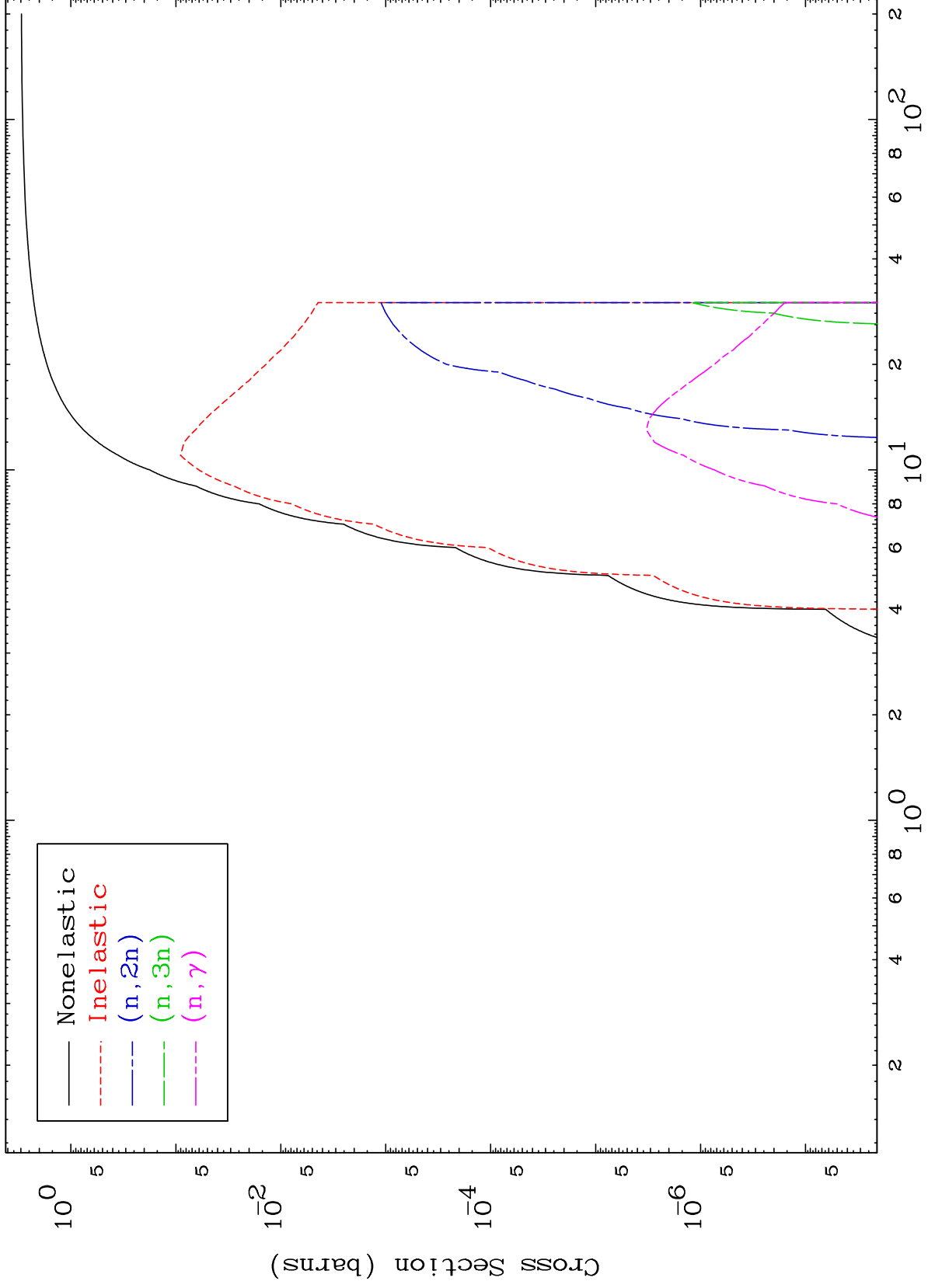
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8169

Deuteron Major
0 Kelvin Cross Sections

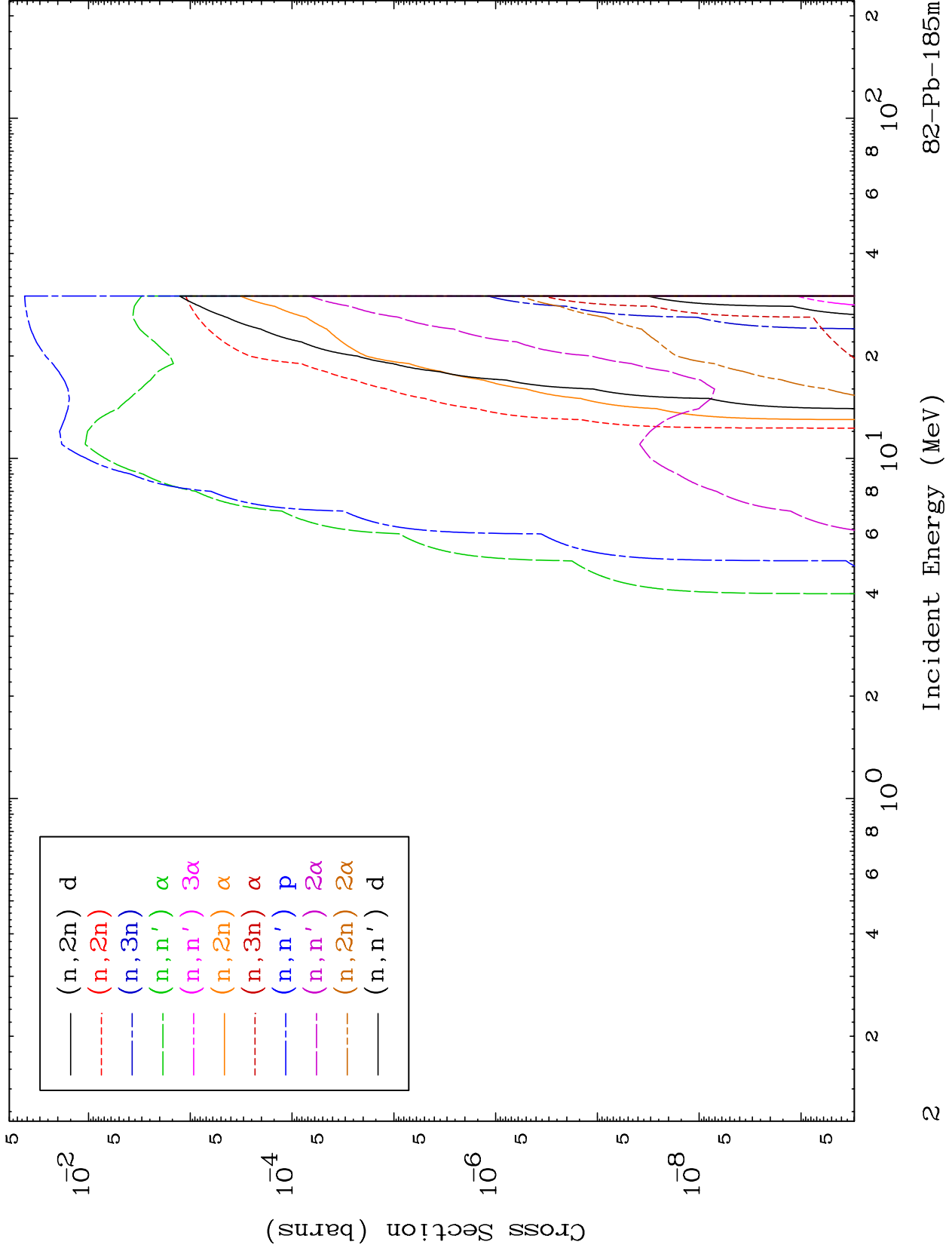
82-Pb-185m

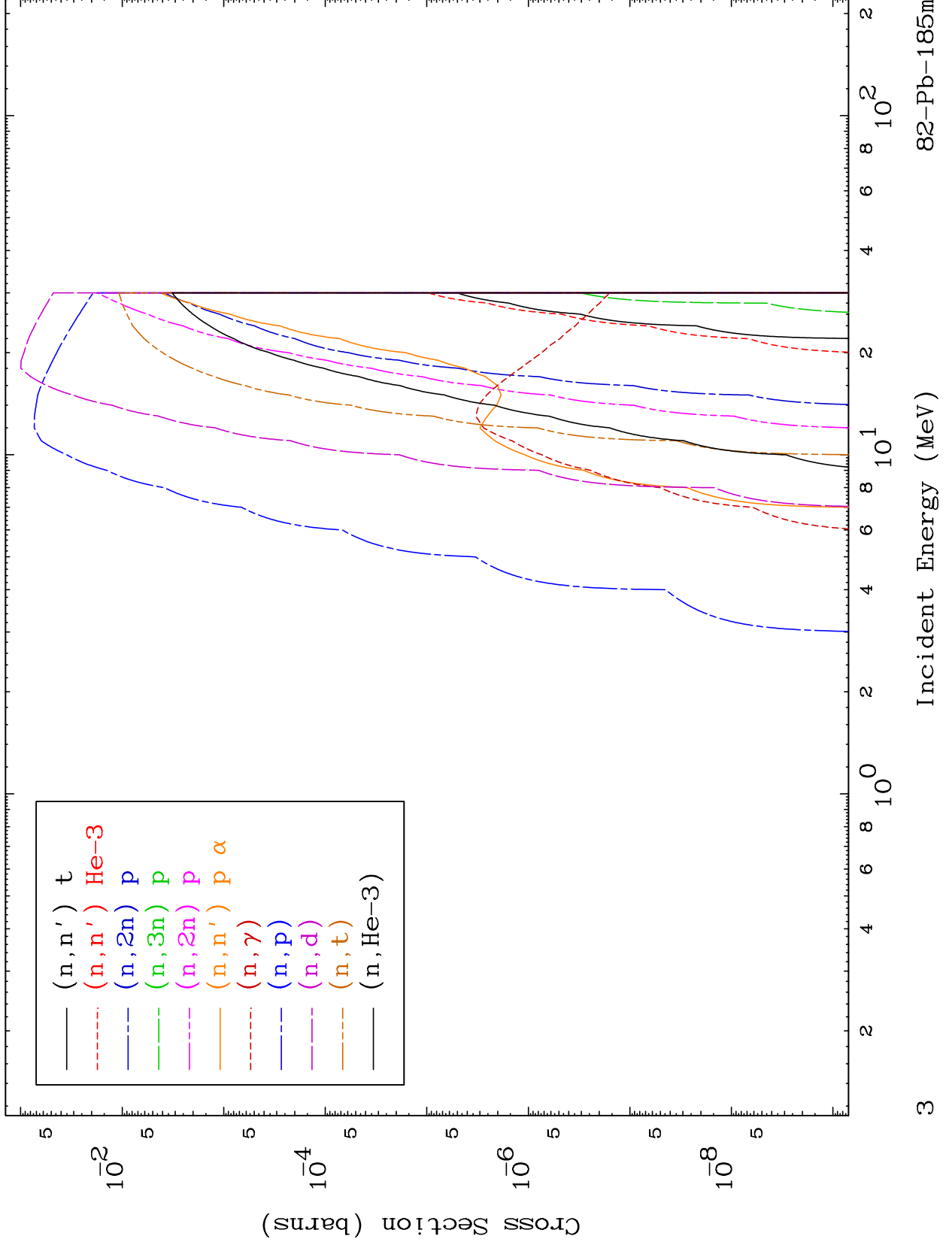


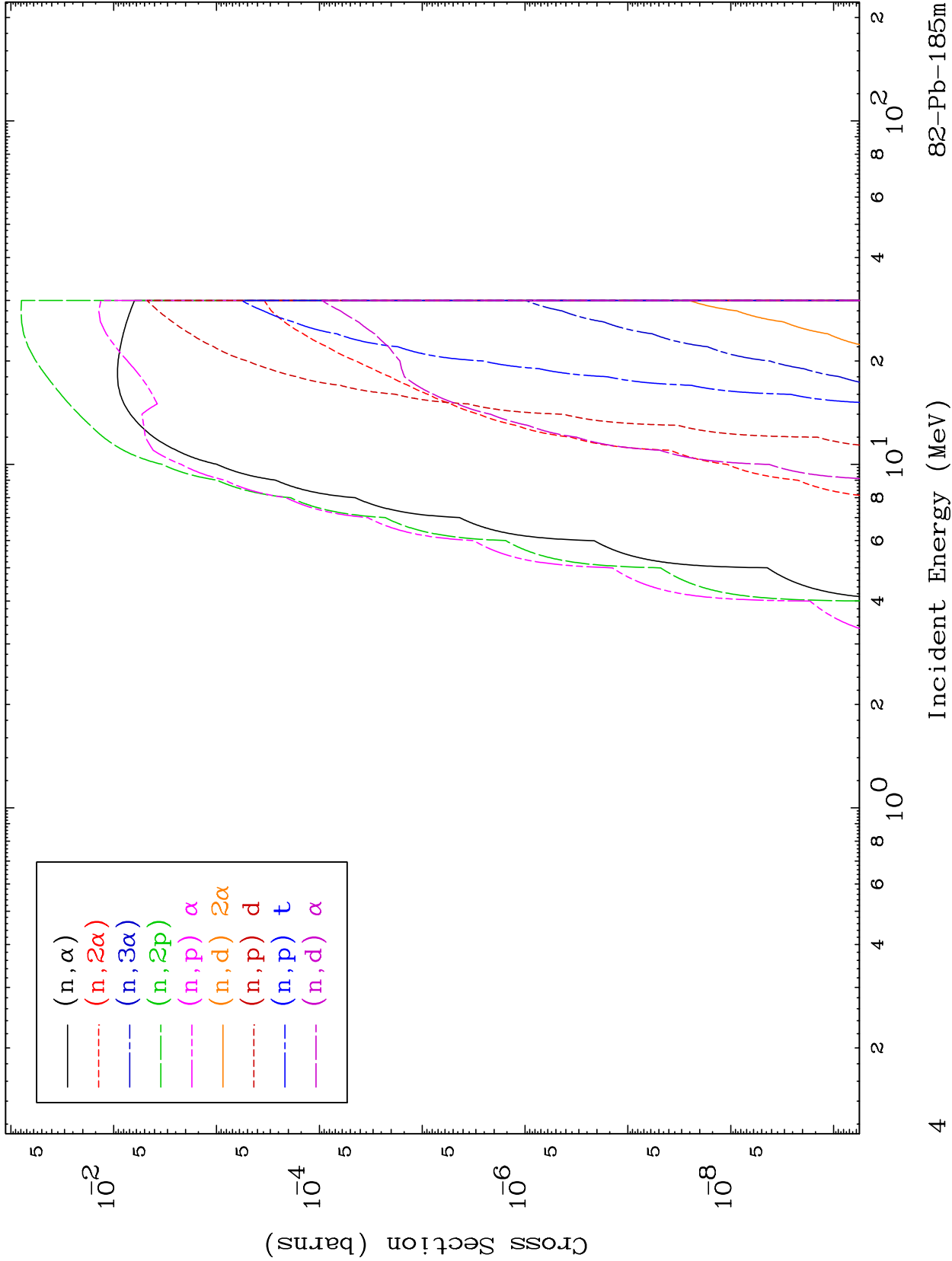
MAT 8169

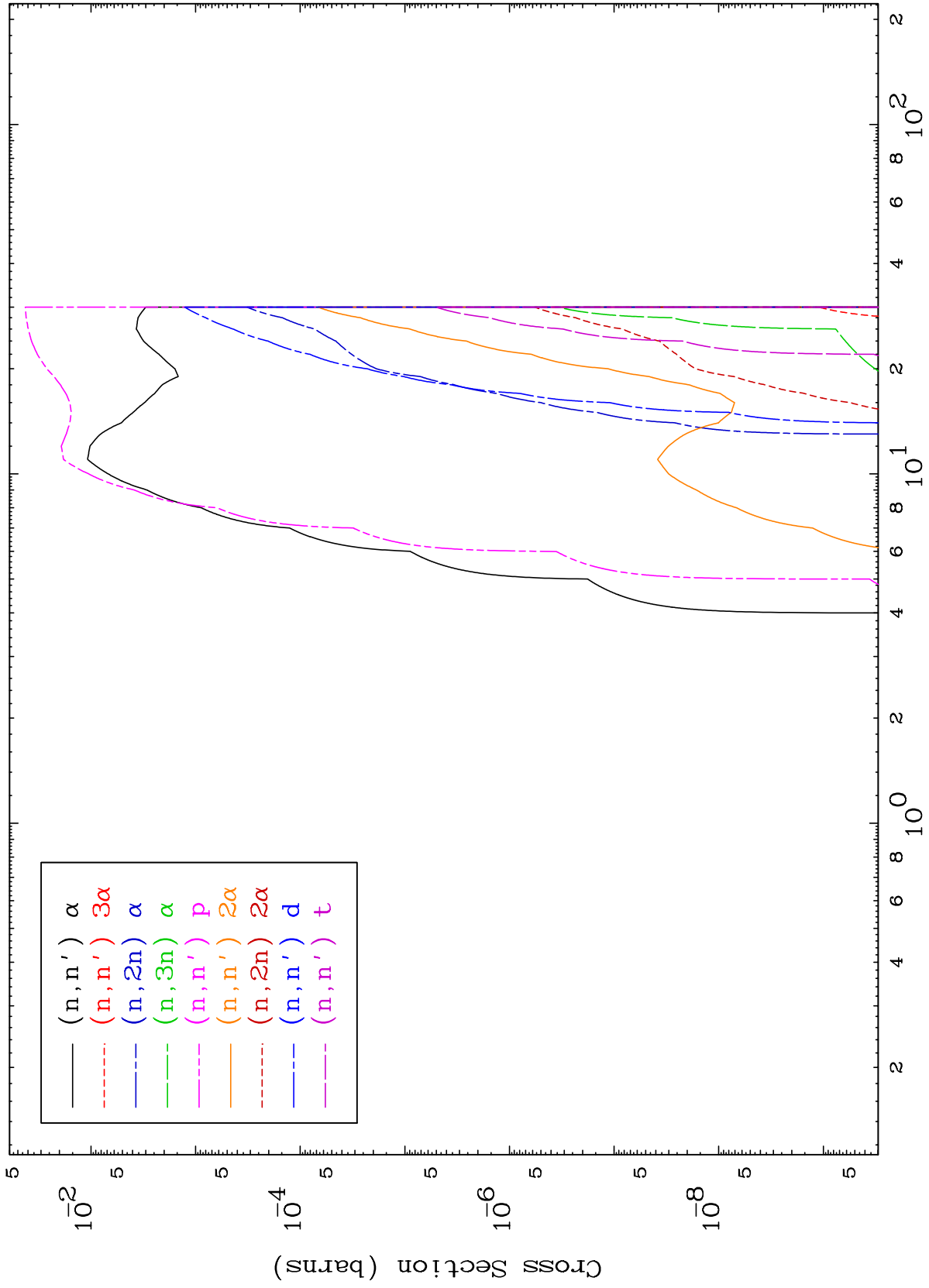
Deuteron Neutron Absorption
0 Kelvin Cross Sections

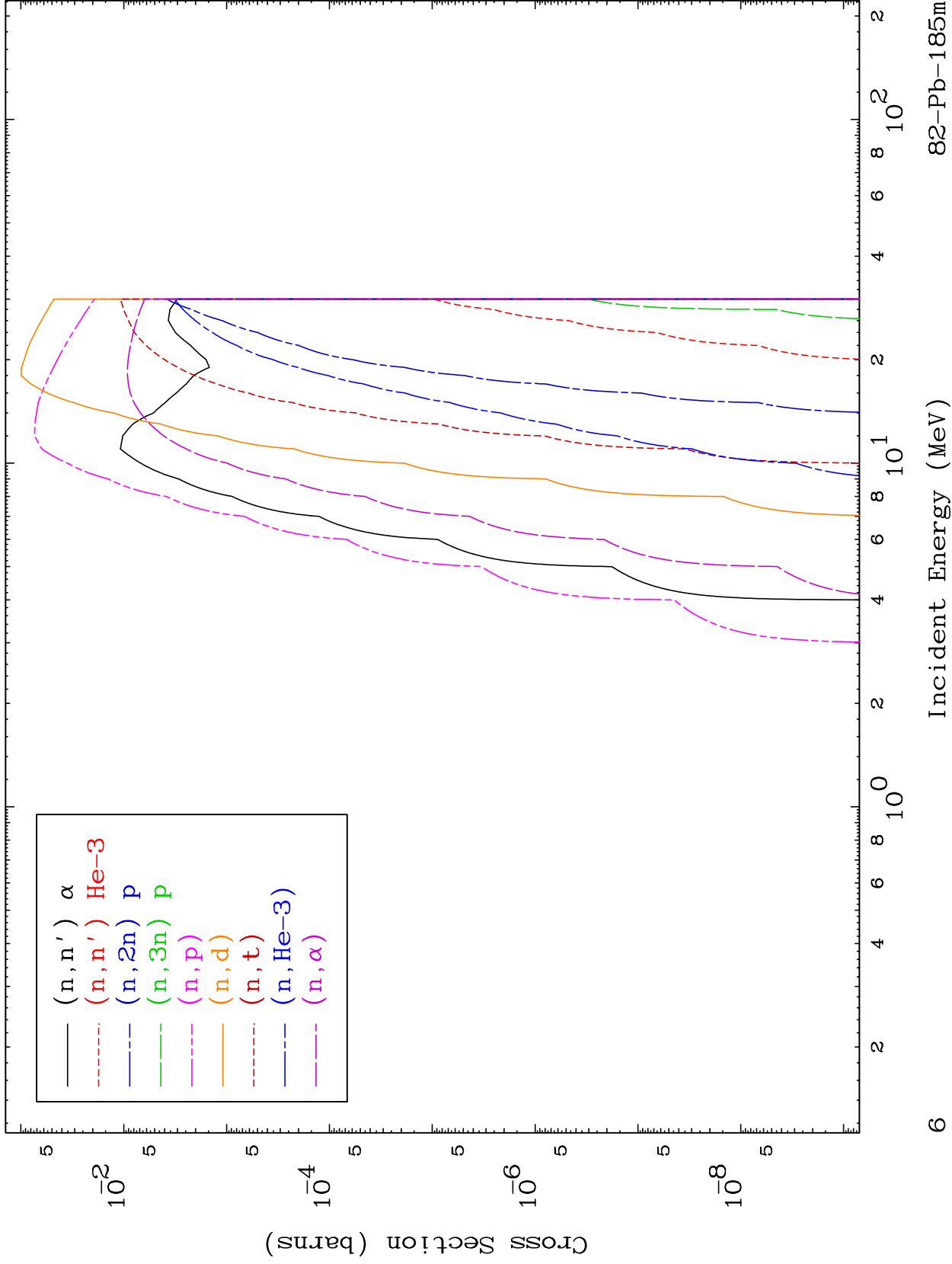
82-Pb-185m

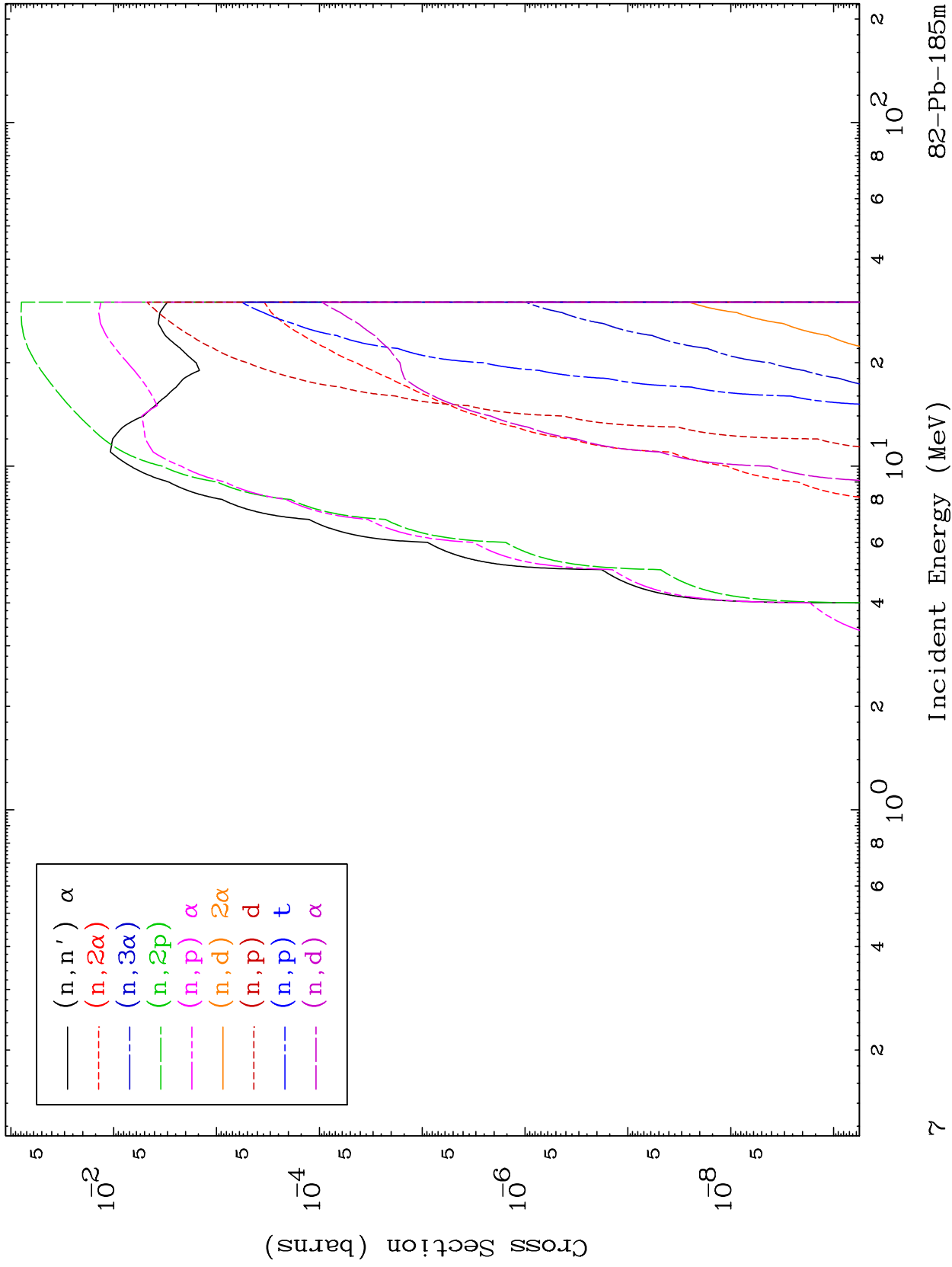










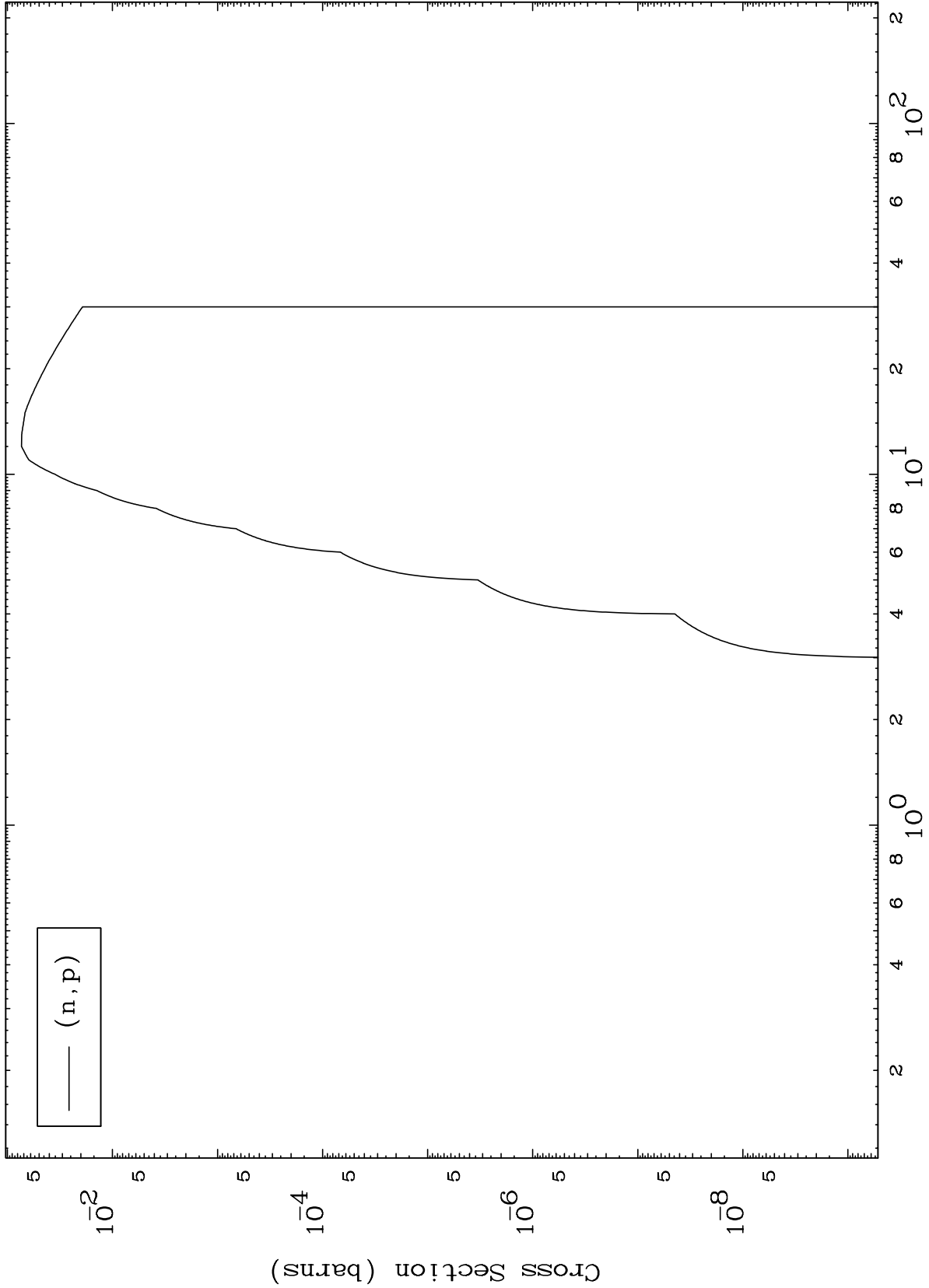


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(d,p) Levels

82-Pb-185m

0 Kelvin Cross Sections



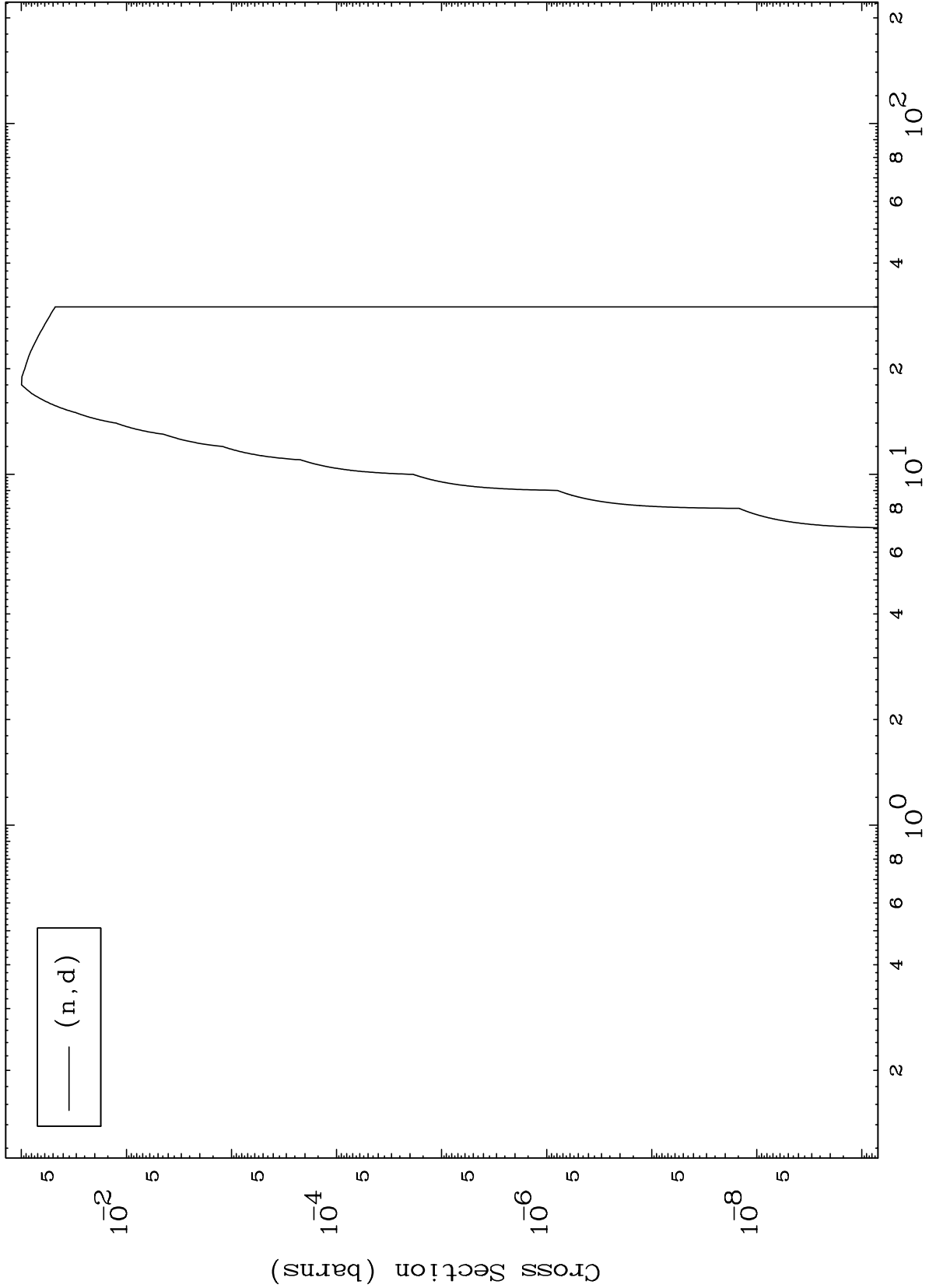
(n,p)

MAT 8169

(d,d) Levels

82-Pb-185m

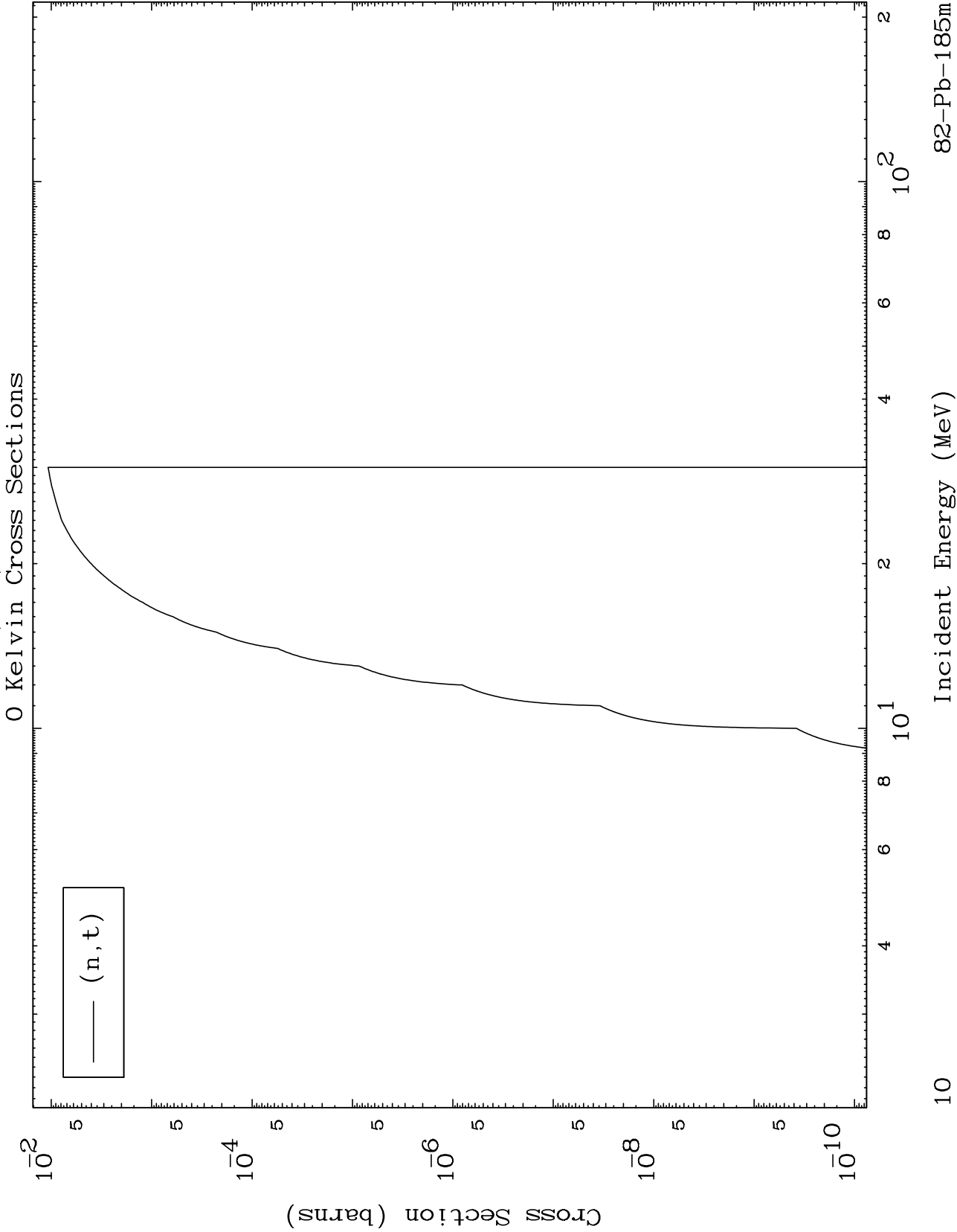
0 Kelvin Cross Sections



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(d, t) Levels

82-Pb-185m



10

Incident Energy (MeV)

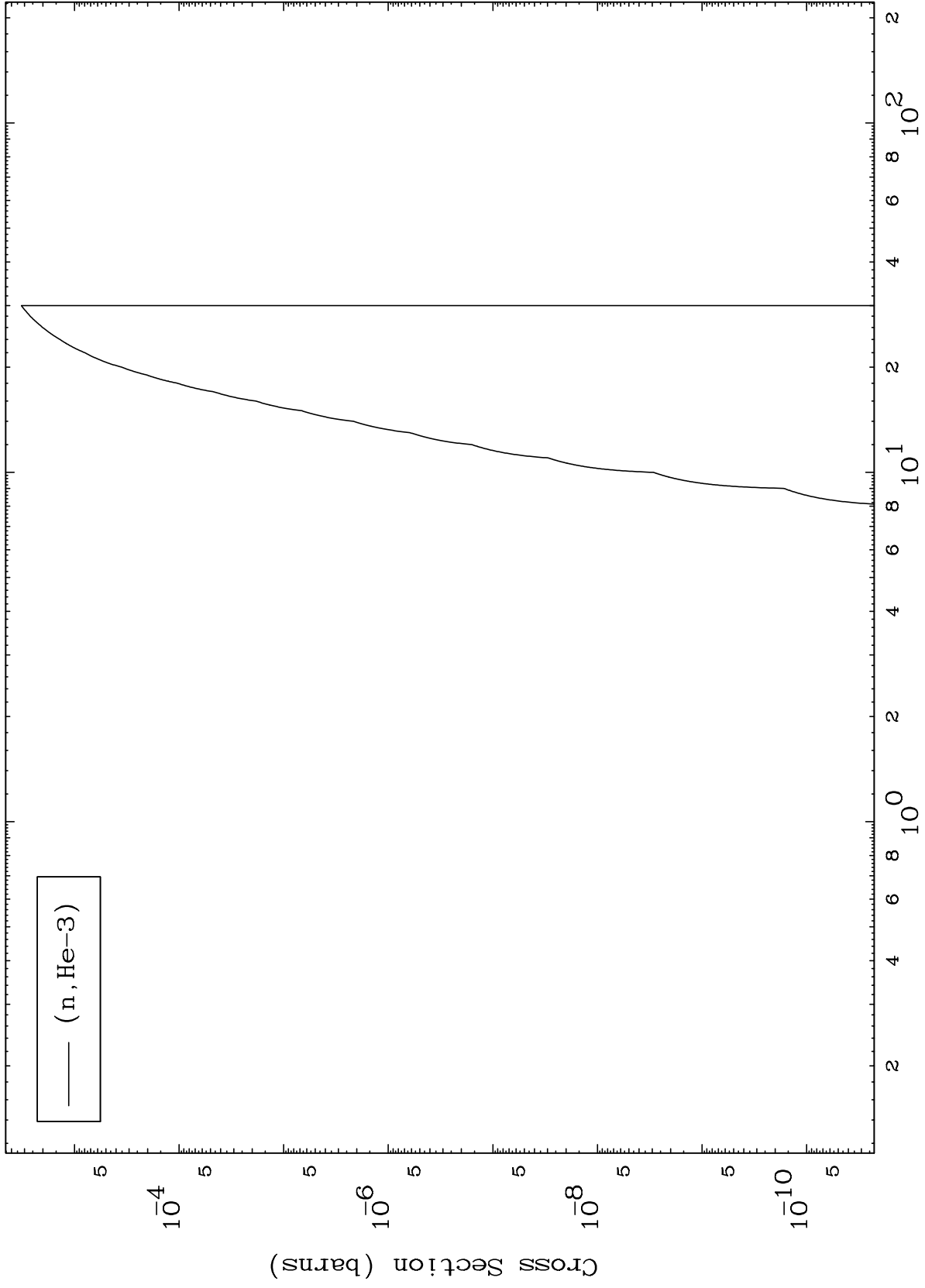
82-Pb-185m

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(d,He3) Levels

82-Pb-185m

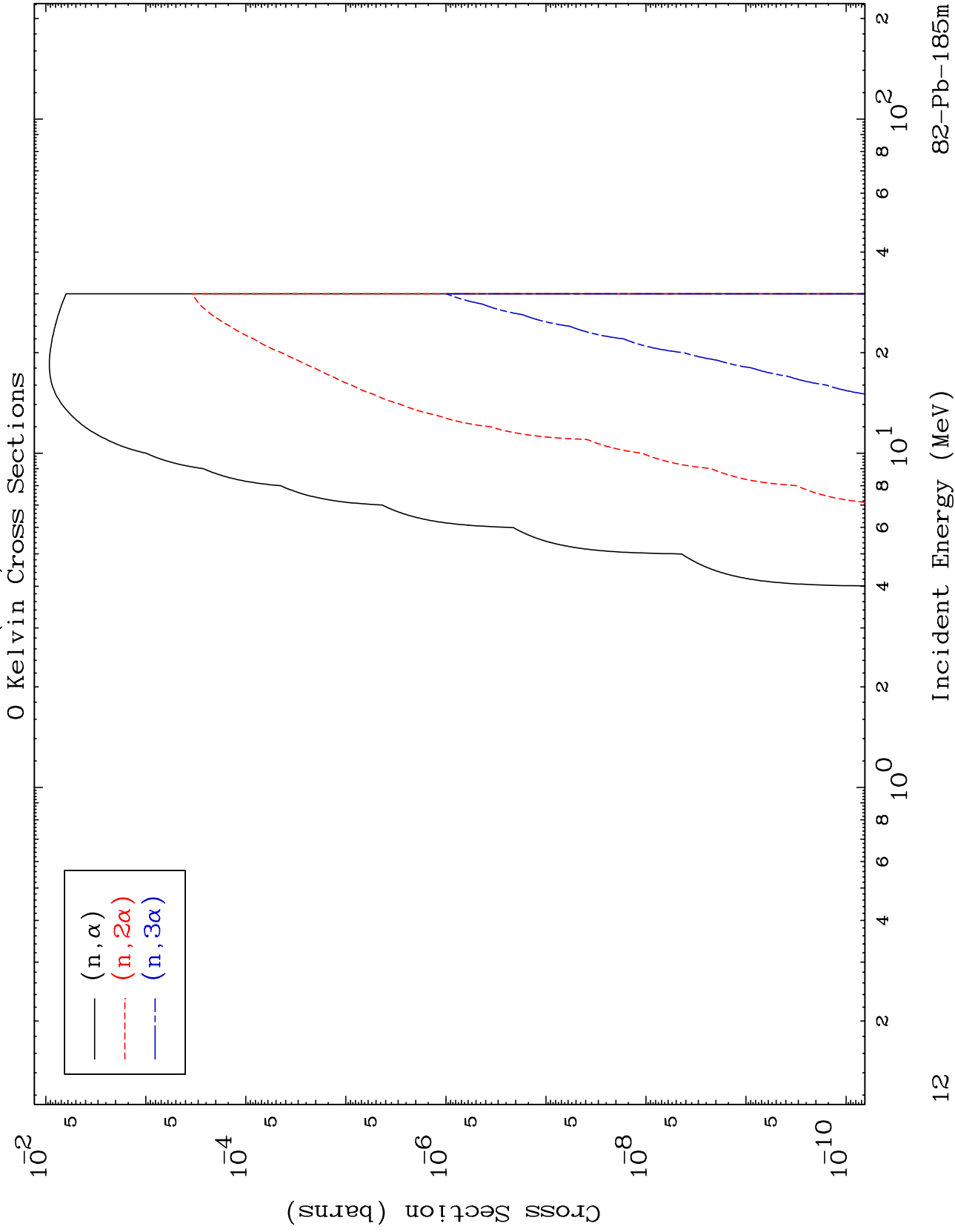
0 Kelvin Cross Sections



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(d, α) Levels

82-Pb-185m

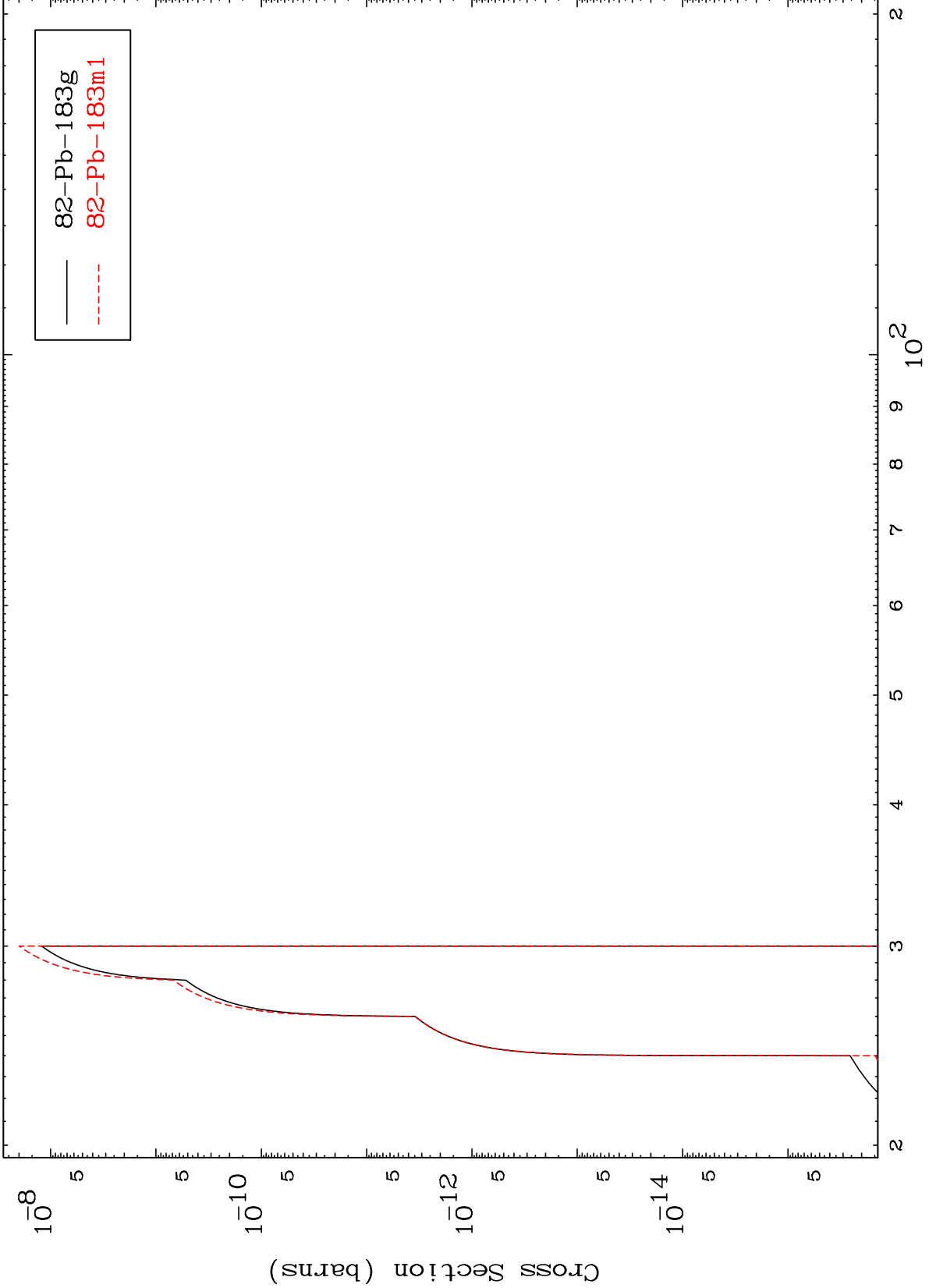


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(n,2n) d

82-Pb-185m

Radionuclide Production Cross Section



82-Pb-183g
82-Pb-183m1

13

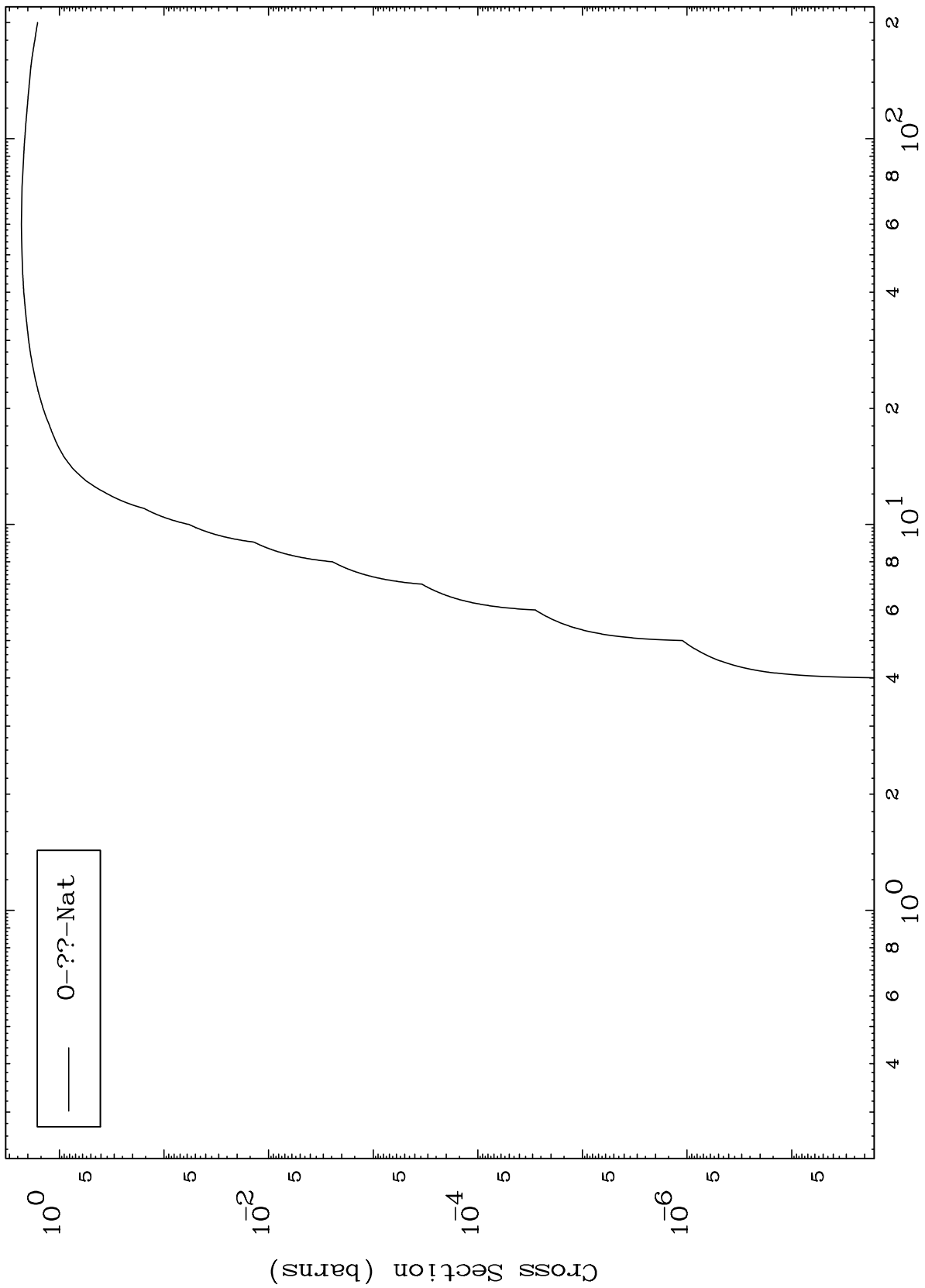
Incident Energy (MeV)

82-Pb-185m

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82-Pb-185m

Fission
Radionuclide Production Cross Section

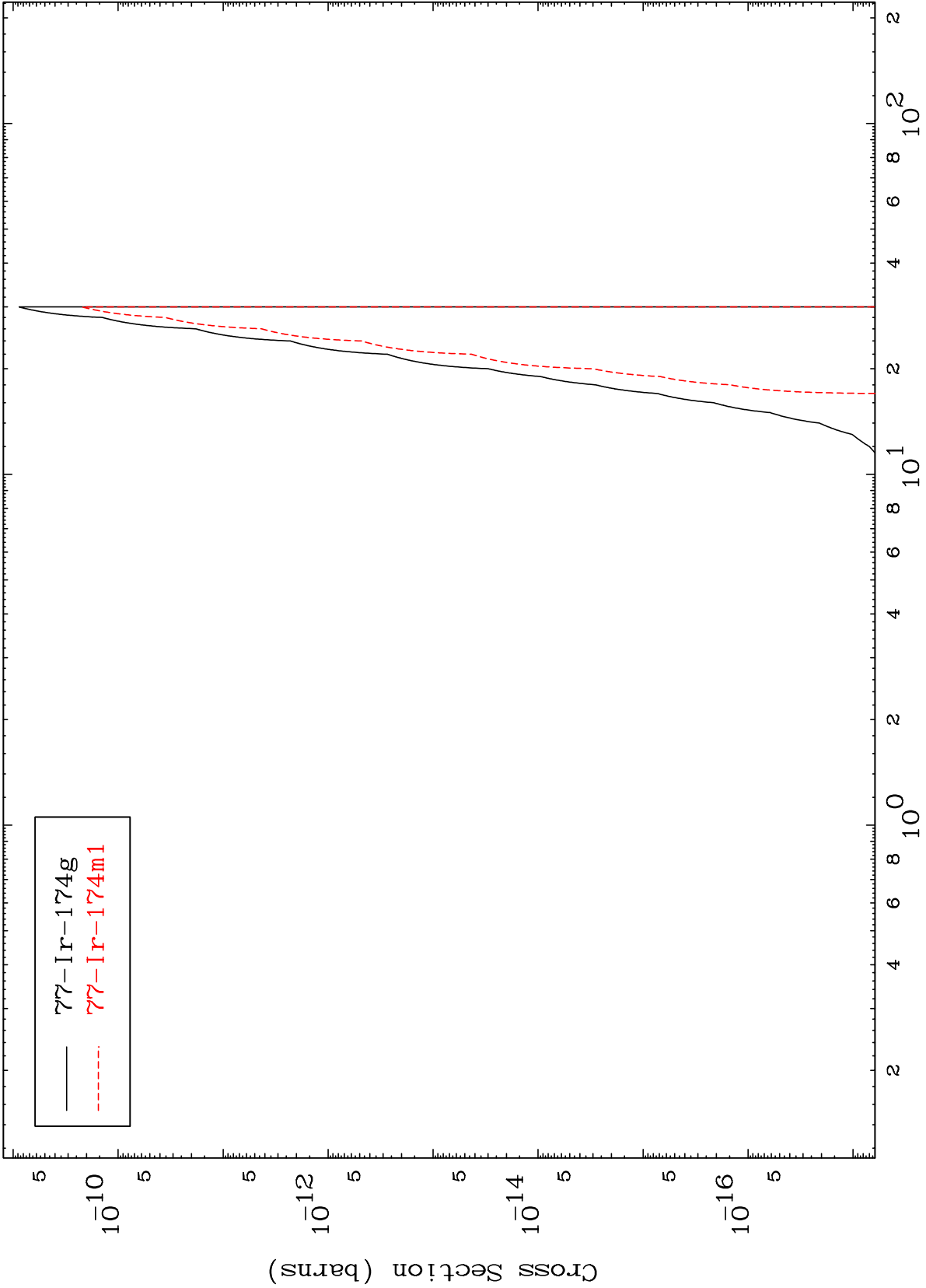


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(n,n') 3 α

82-Pb-185m

Radionuclide Production Cross Section

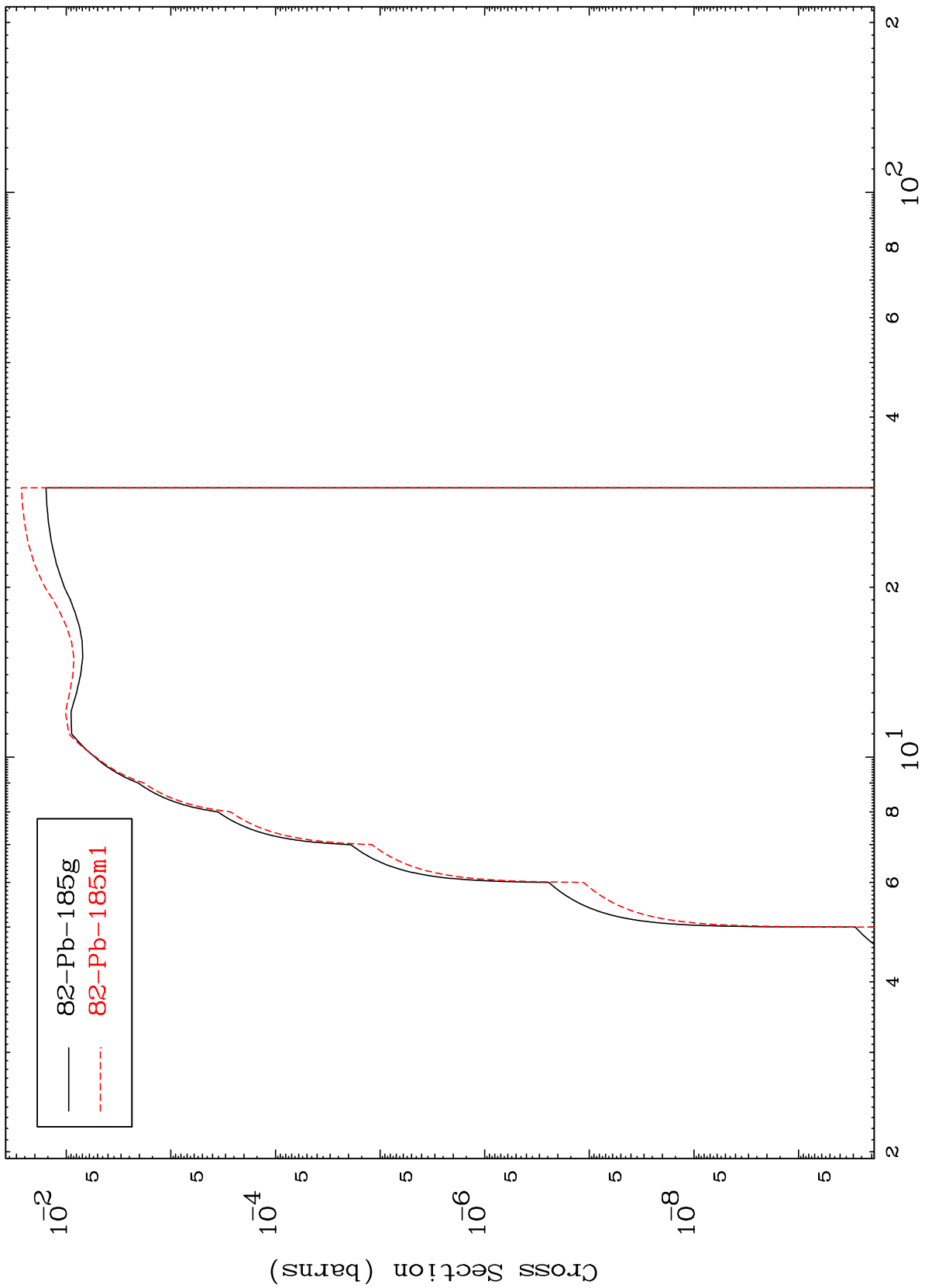


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(n,n') p

82-Pb-185m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

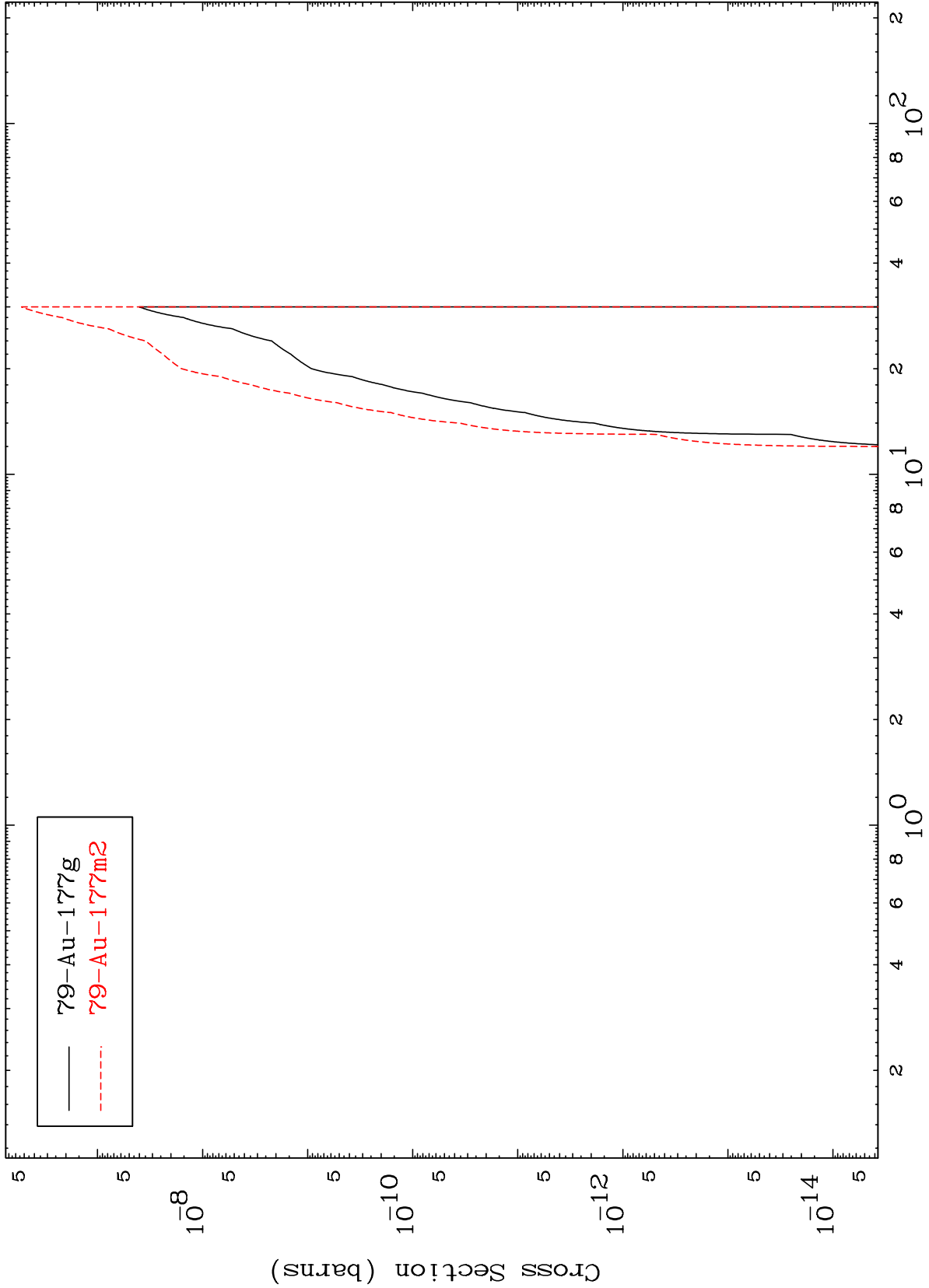
82-Pb-185m

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(n,2n) 2 α

82-Pb-185m

Radionuclide Production Cross Section



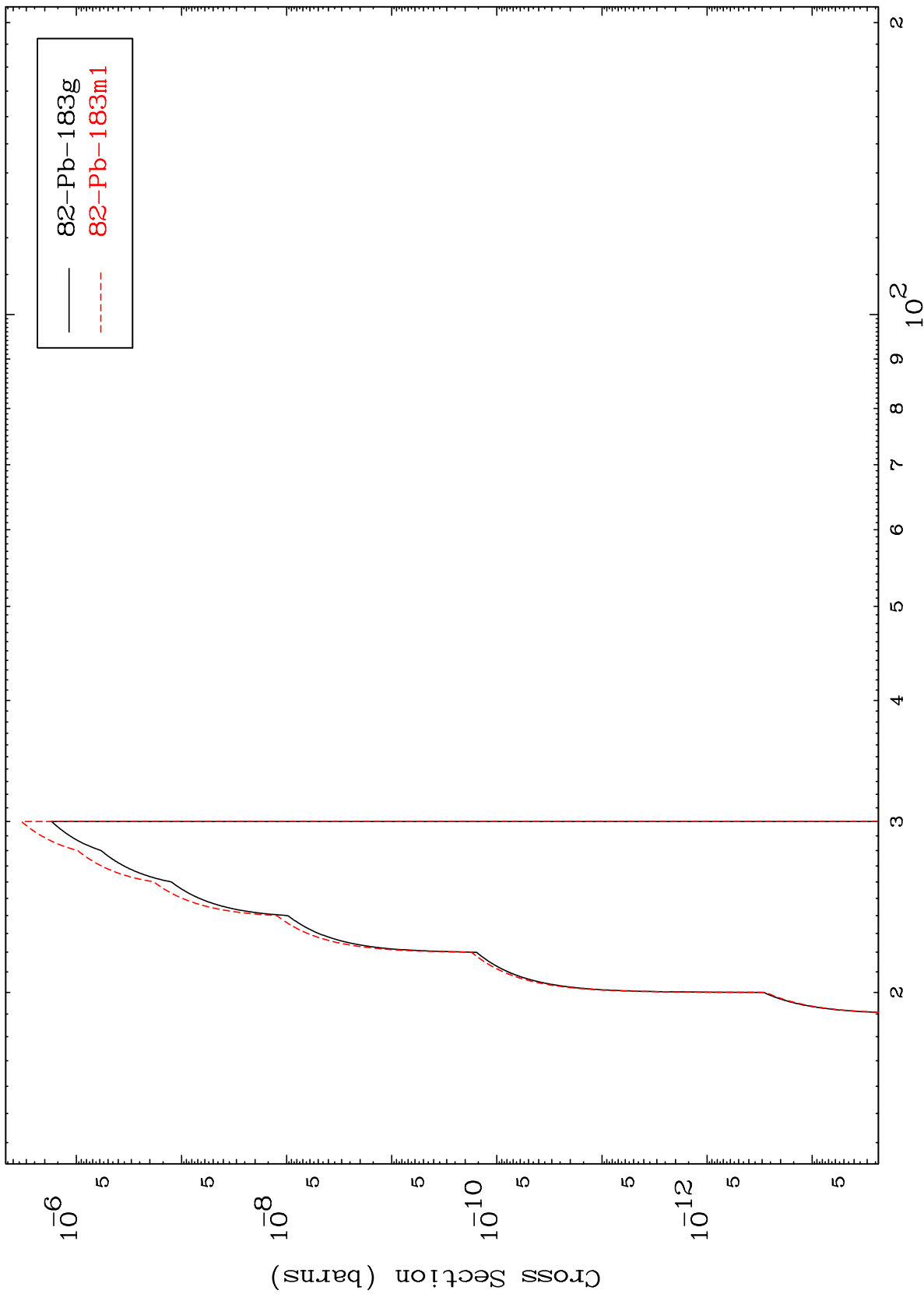
79-Au-177g
79-Au-177m2

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(n,n') t

82-Pb-185m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

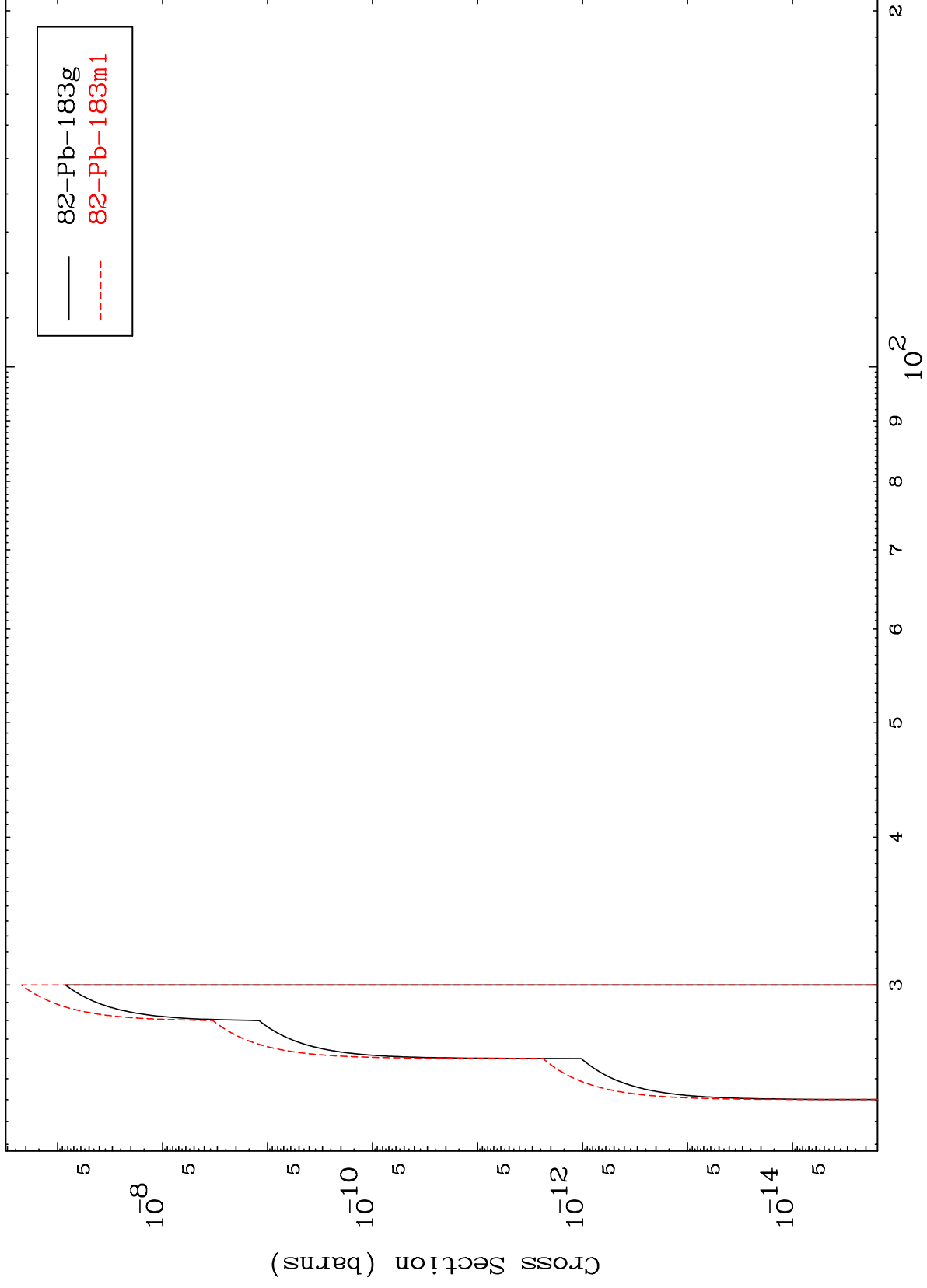
82-Pb-185m

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(n,3n) p

82-Pb-185m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

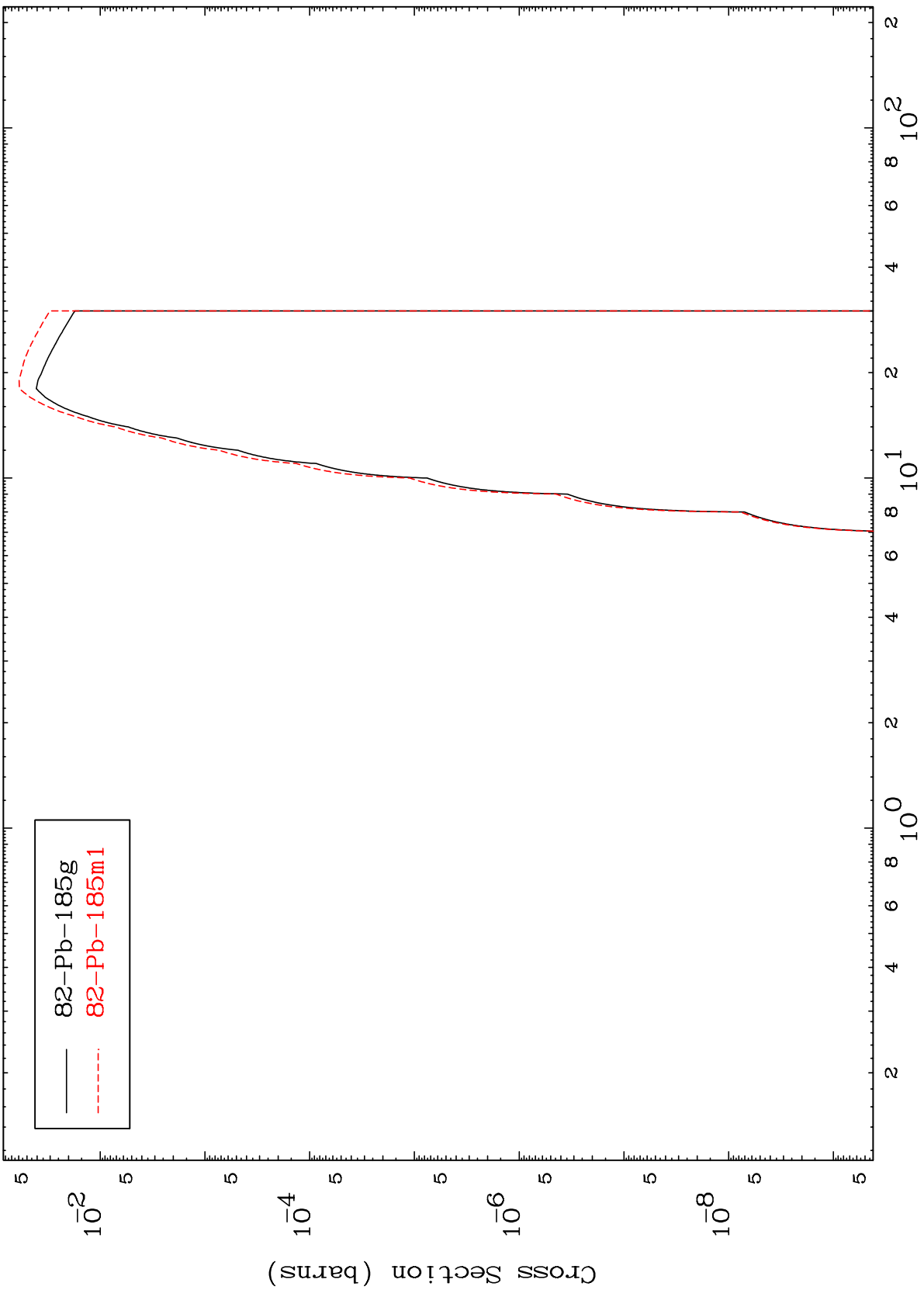
82-Pb-185m

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(n, d)

⁸²Pb-185m

Radionuclide Production Cross Section



— 82-Pb-185g
- - - 82-Pb-185m1

Incident Energy (MeV)

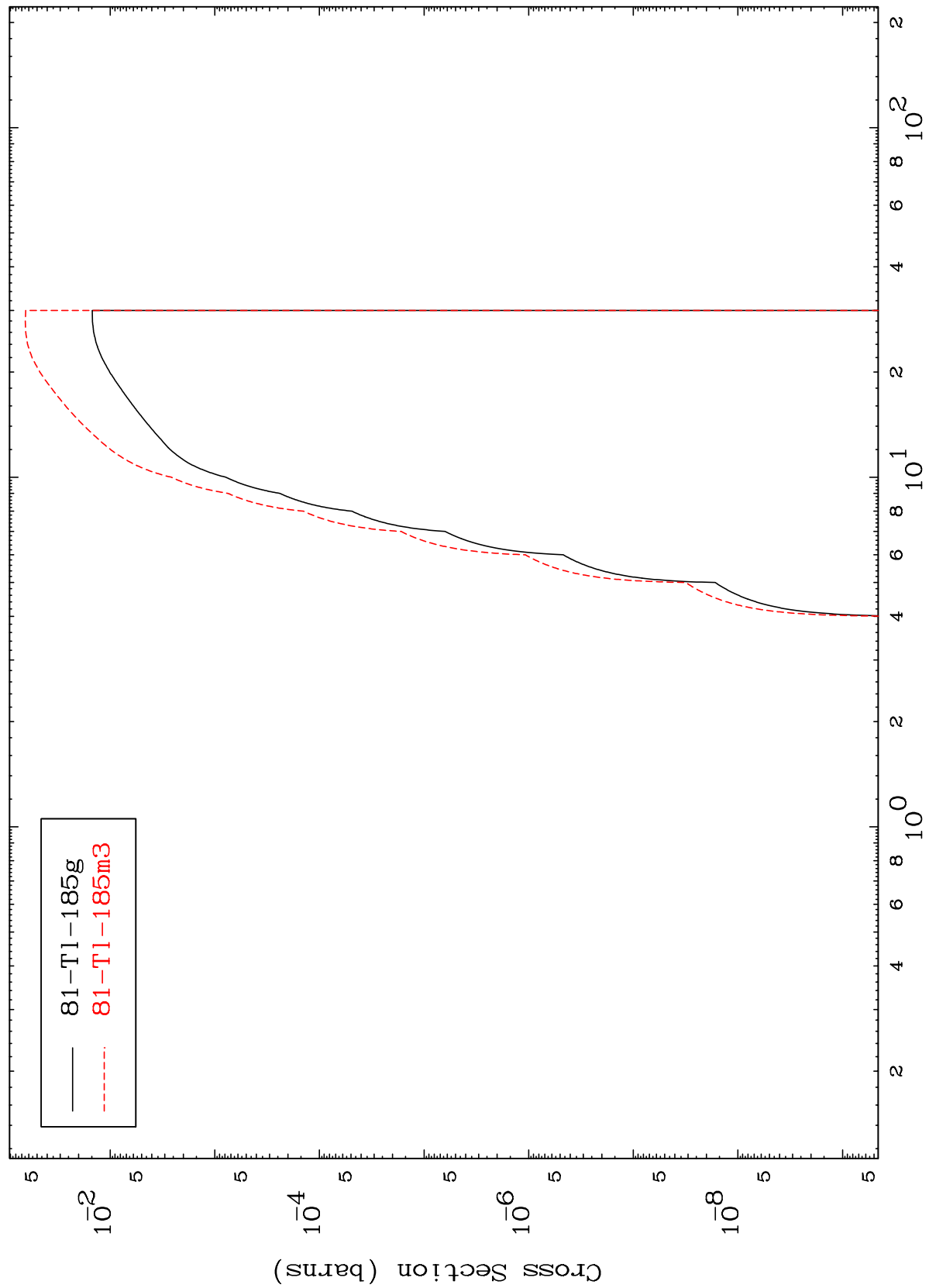
⁸²Pb-185m

20

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82-Pb-185m

(n,2p)
Radionuclide Production Cross Section



82-Pb-185m

Incident Energy (MeV)