

Program EVALPLOT
(Version 2021-1)

by

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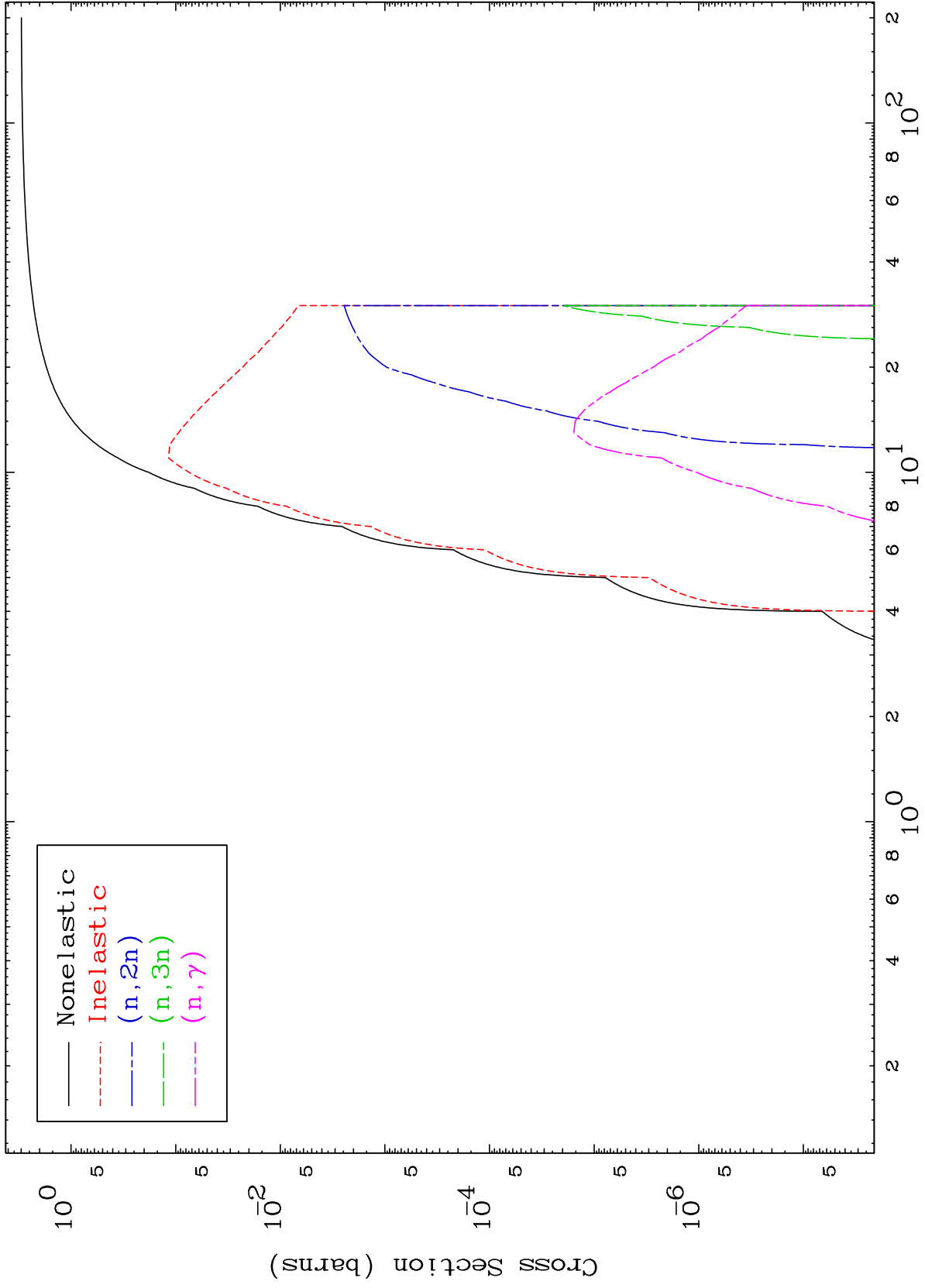
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8175

Deuteron Major
0 Kelvin Cross Sections

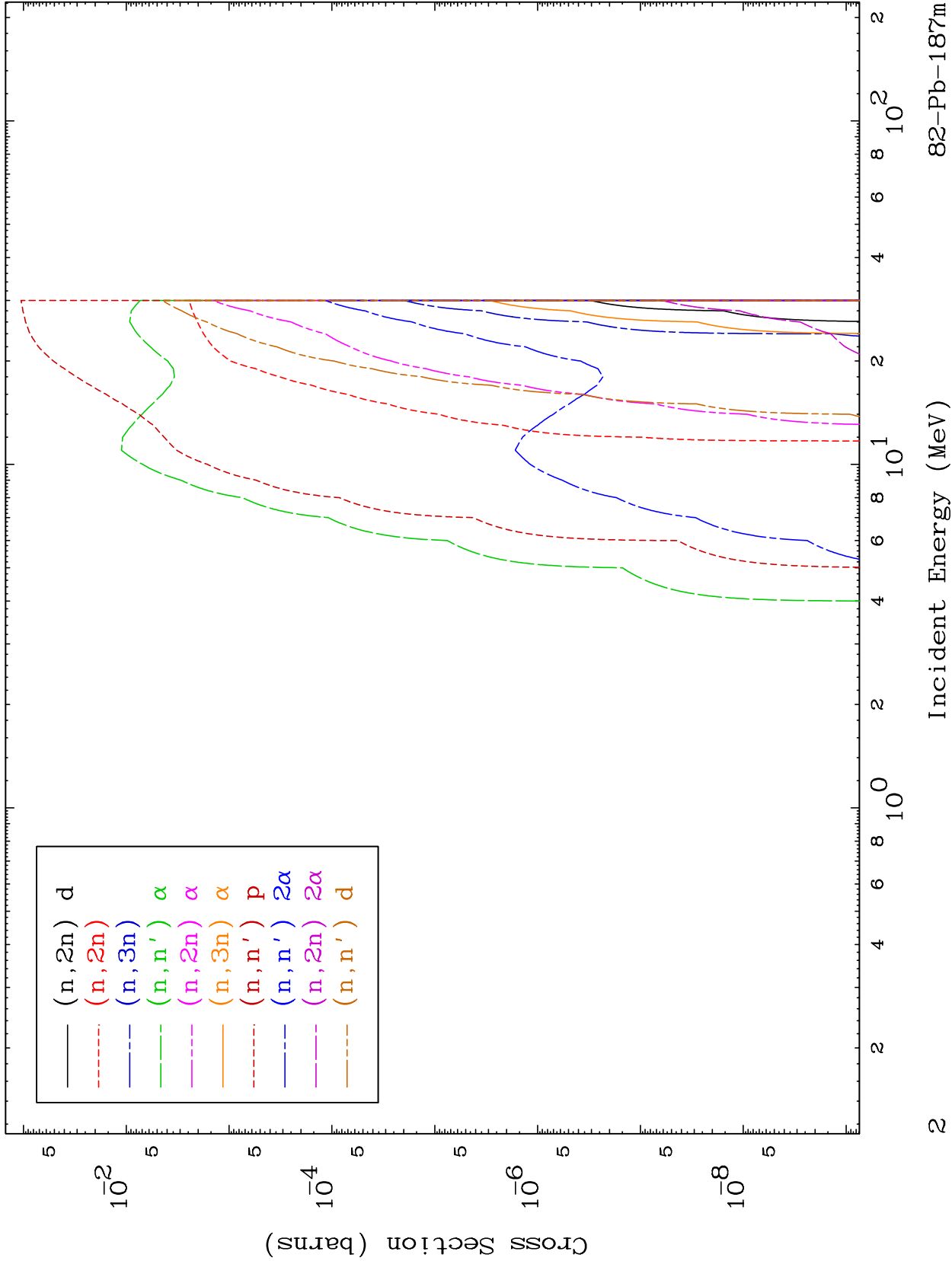
82-Pb-187m



MAT 8175

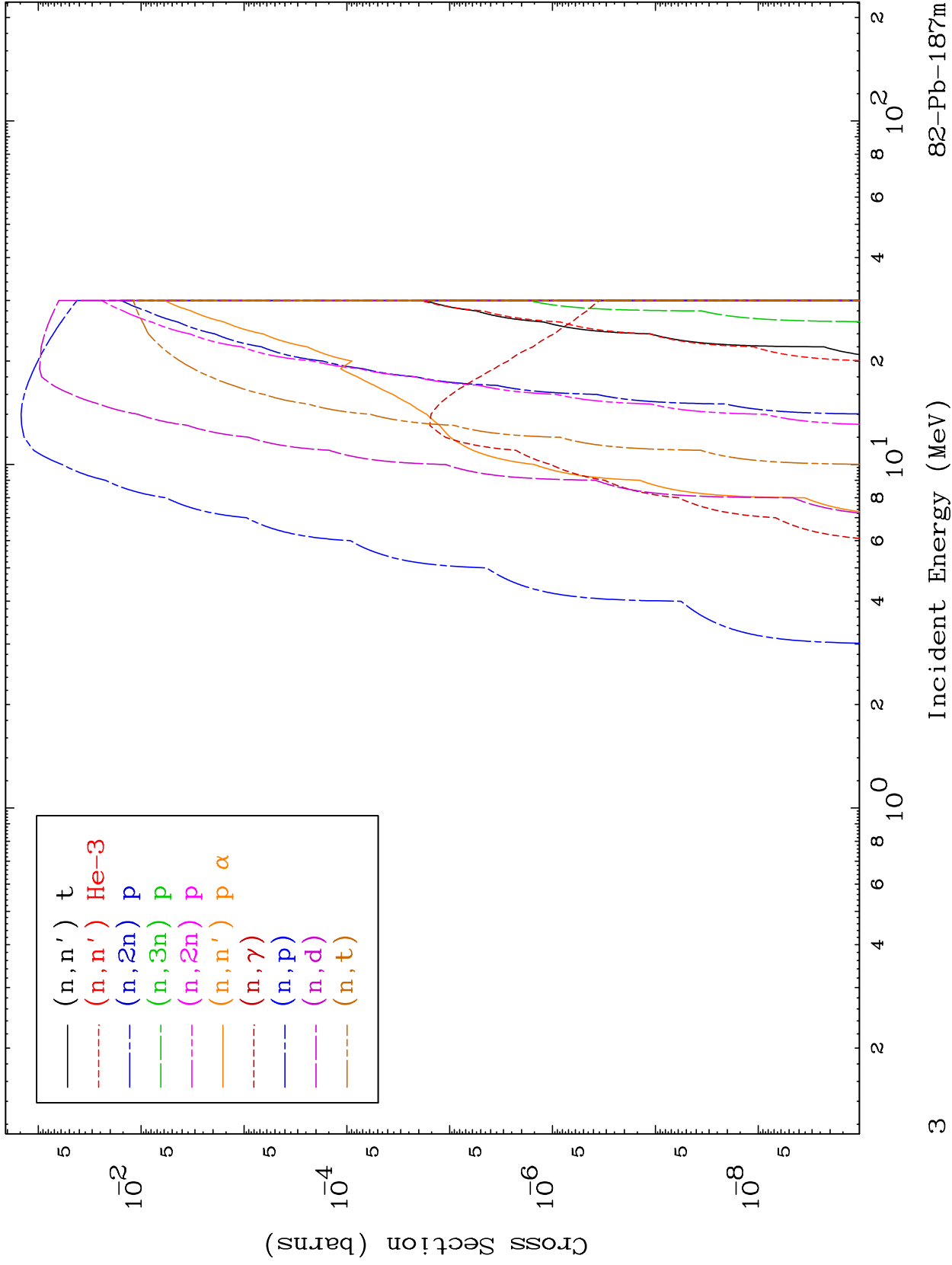
Deuteron Neutron Absorption
0 Kelvin Cross Sections

82-Pb-187m



82-Pb-187m

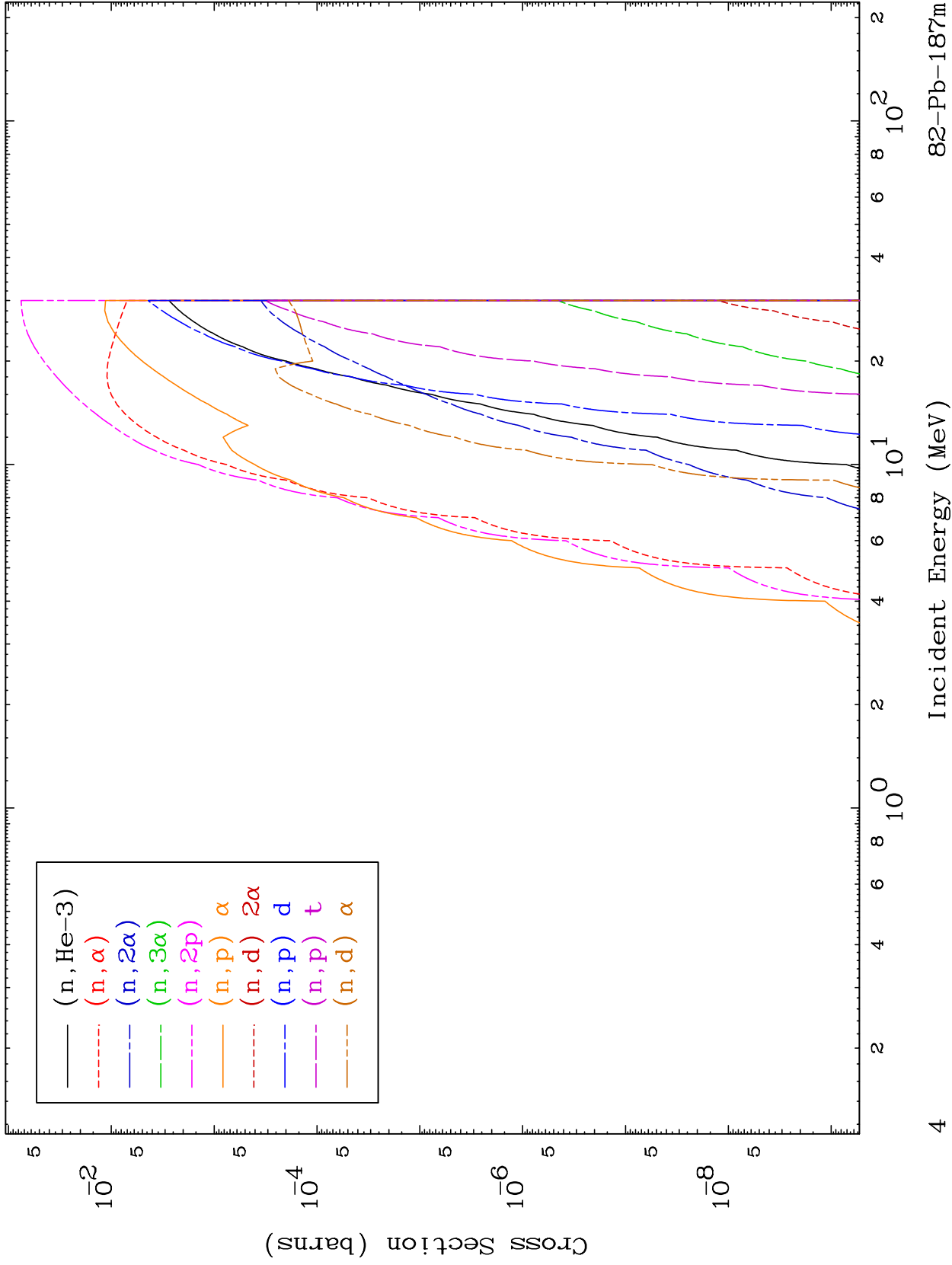
Incident Energy (MeV)



MAT 8175

Deuteron Neutron Absorption
0 Kelvin Cross Sections

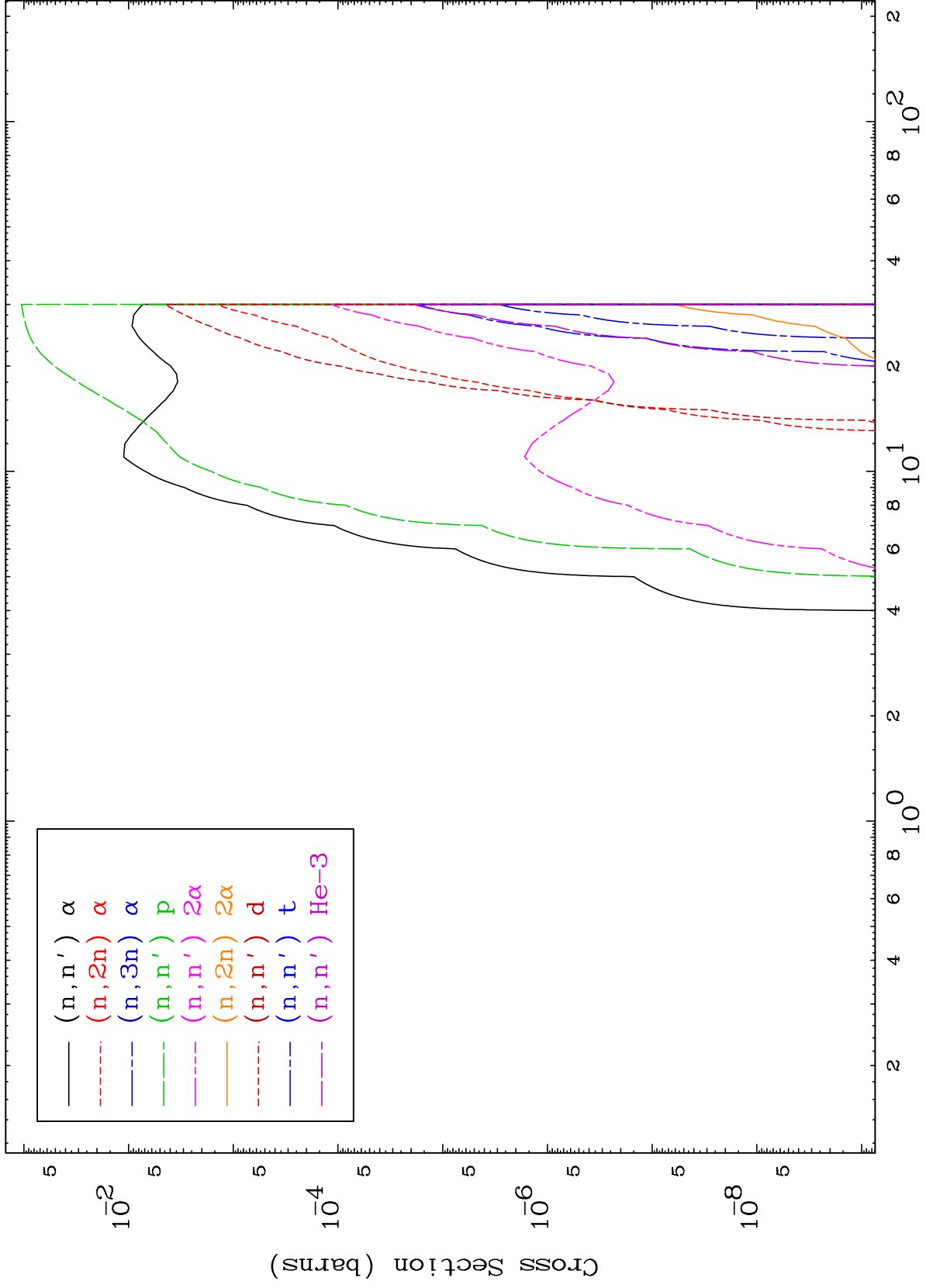
82-Pb-187m



MAT 8175

Deuteron Charged Particle
0 Kelvin Cross Sections

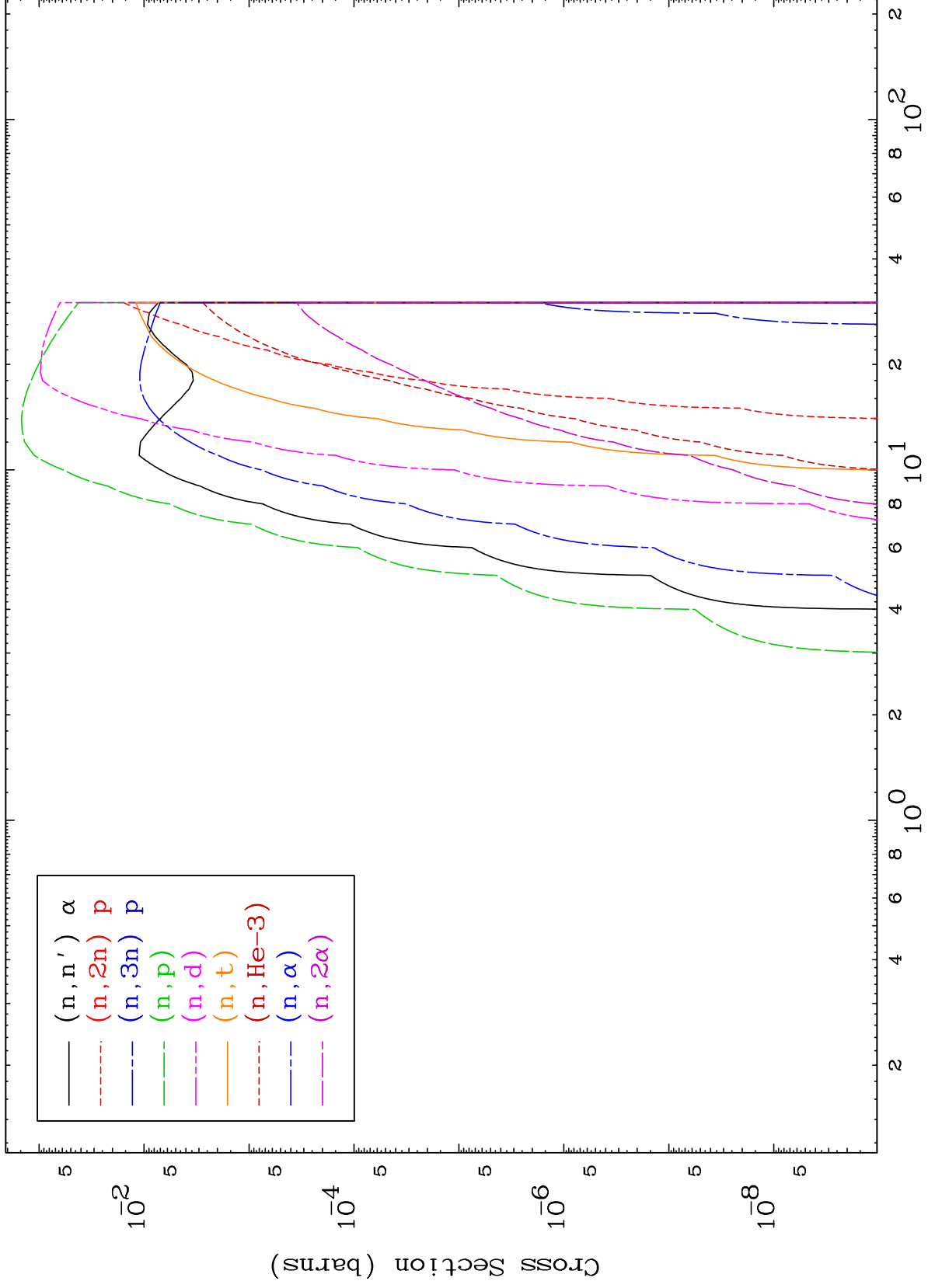
82-Pb-187m



MAT 8175

Deuteron Charged Particle
0 Kelvin Cross Sections

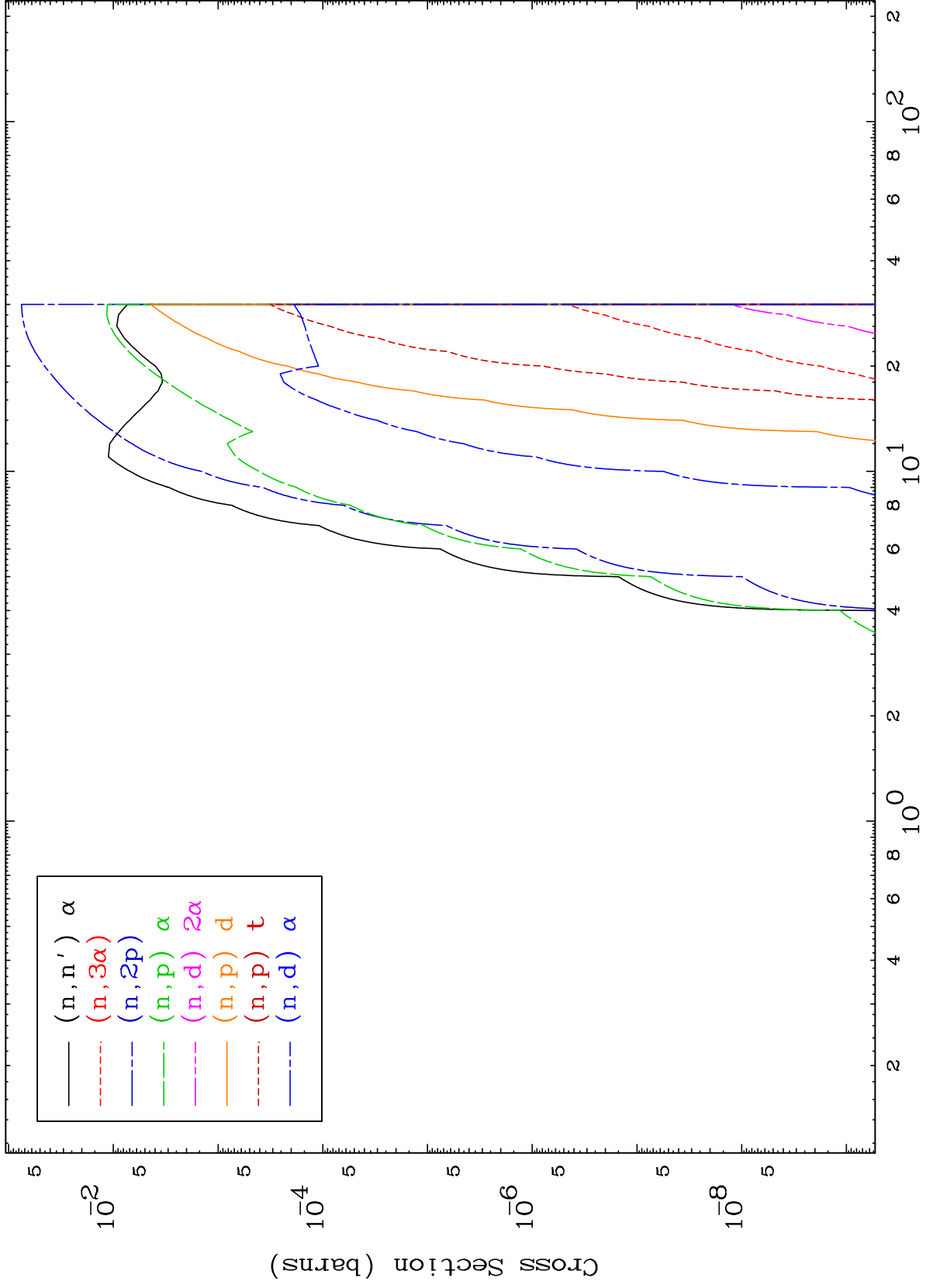
82-Pb-187m



MAT 8175

Deuteron Charged Particle
0 Kelvin Cross Sections

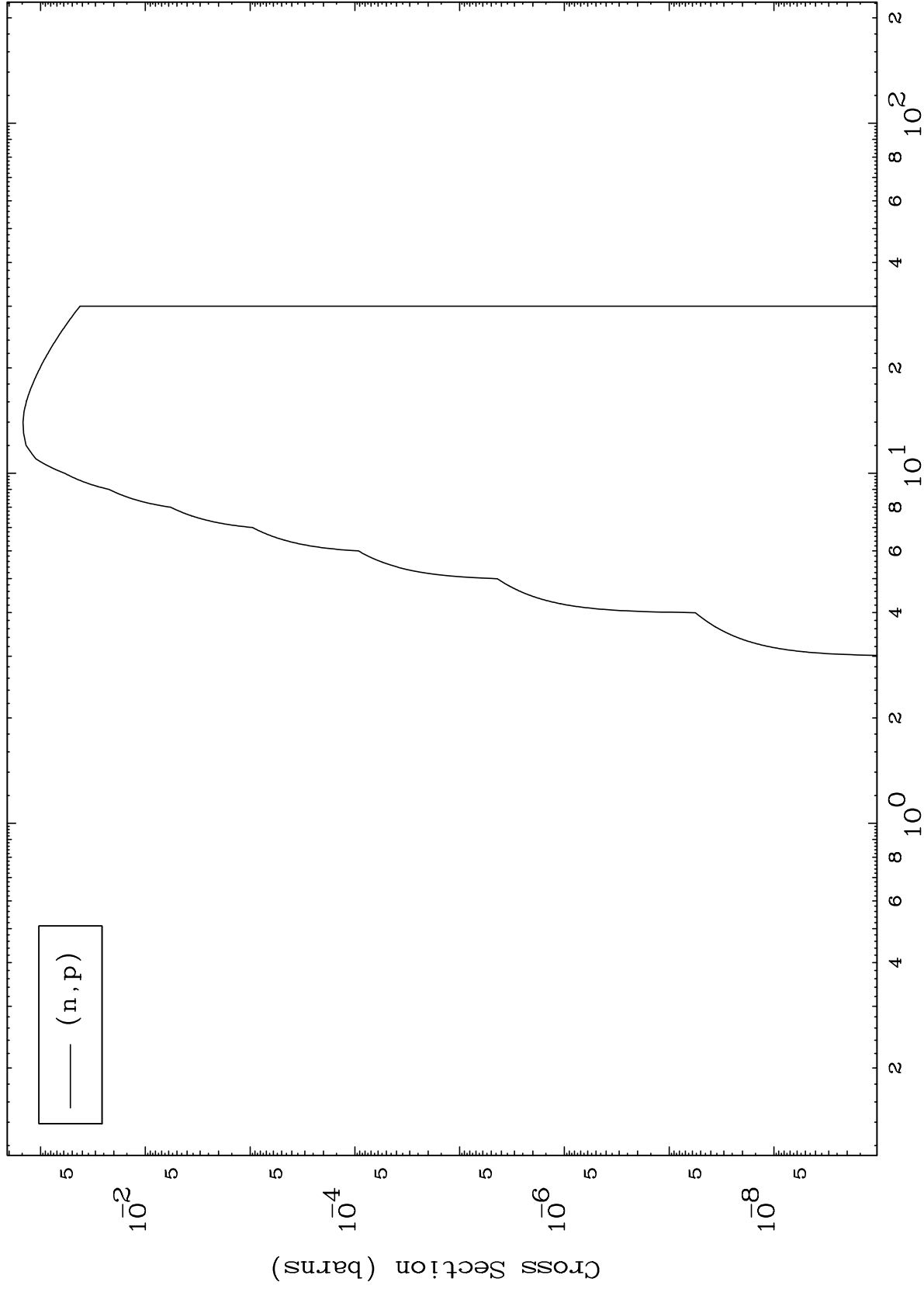
82-Pb-187m



MAT 8175

82-Pb-187m

(d,p) Levels
0 Kelvin Cross Sections

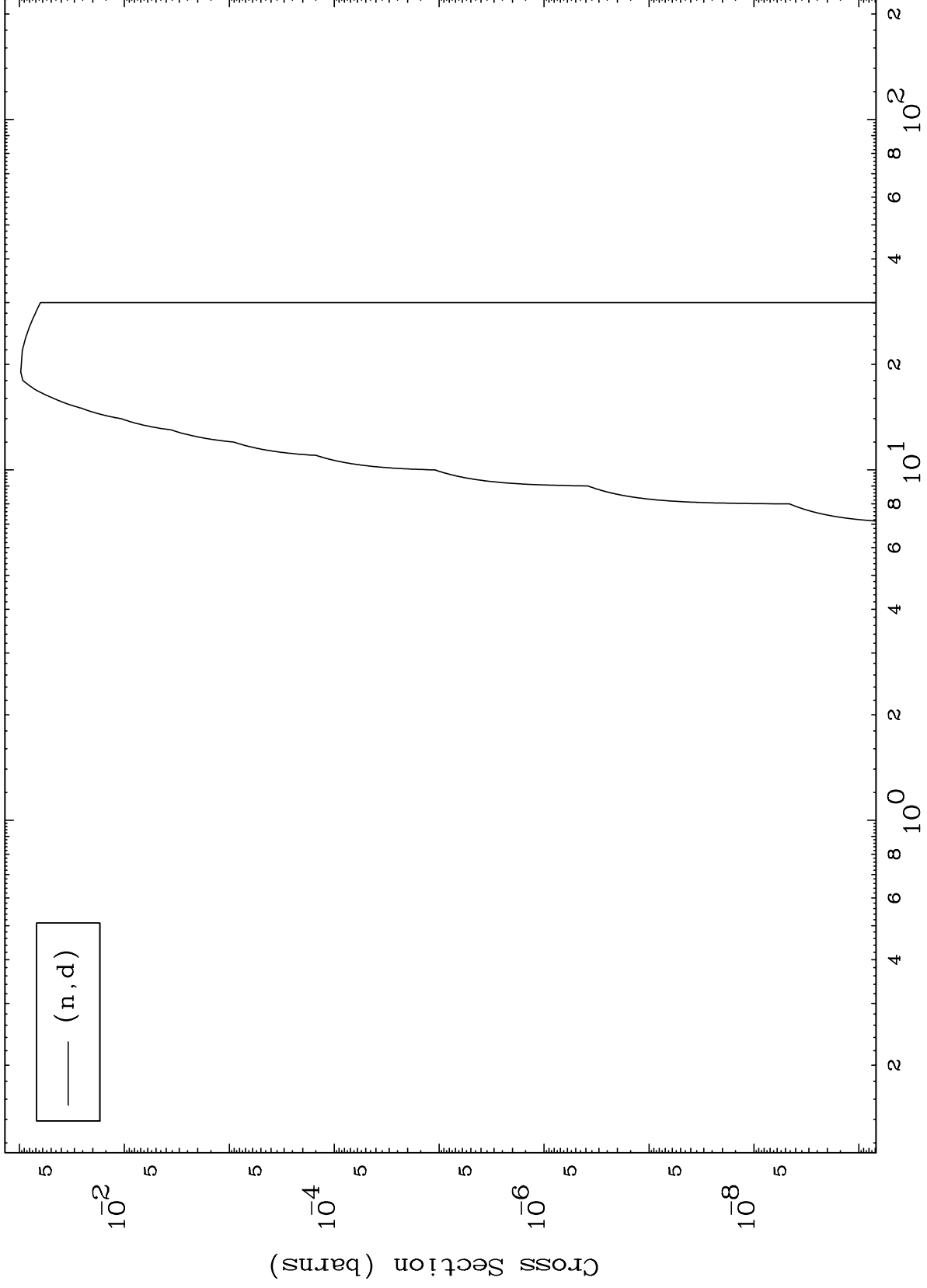


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(d,d) Levels

⁸²Pb-187m

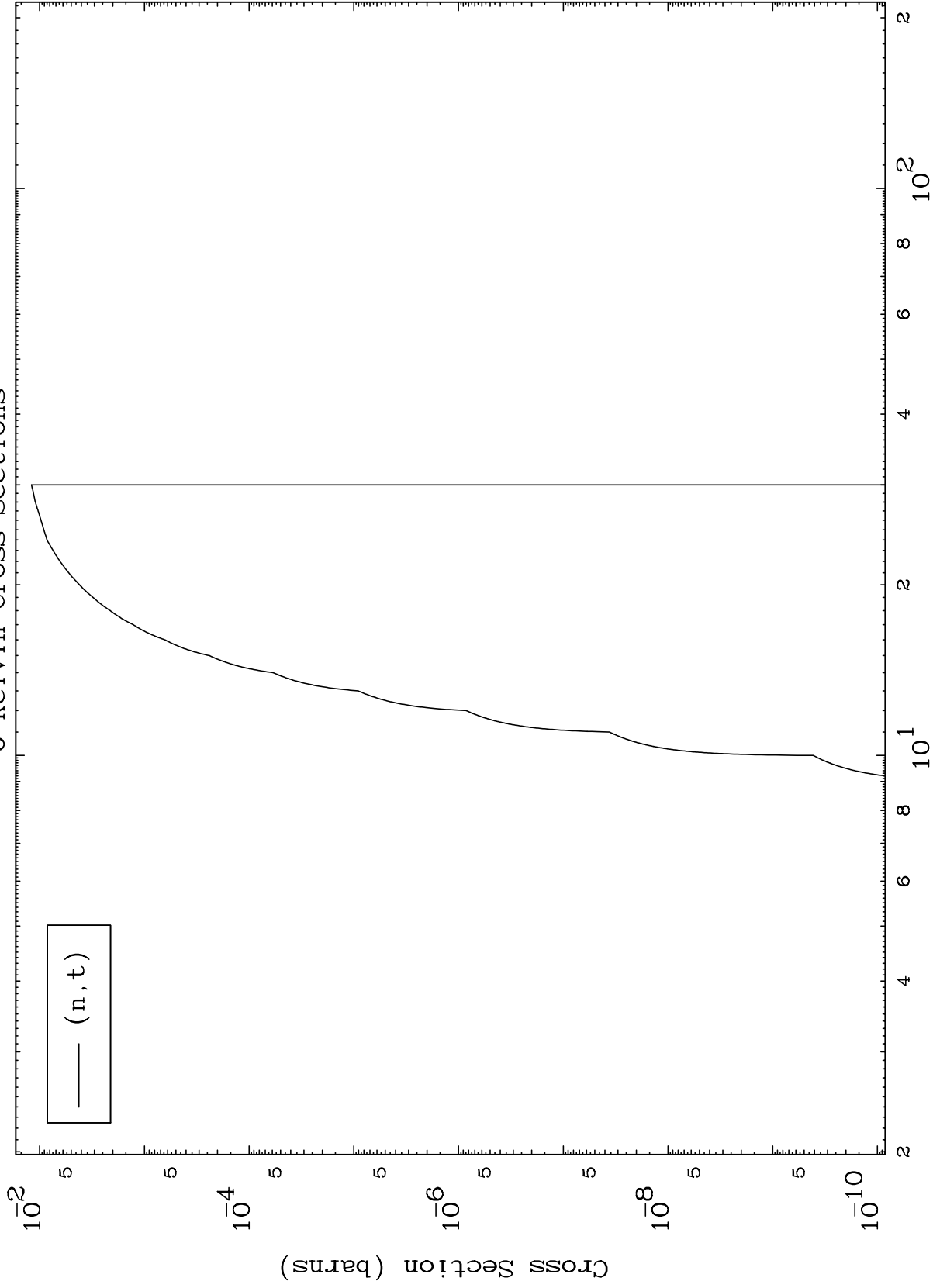
0 Kelvin Cross Sections



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(d, t) Levels
0 Kelvin Cross Sections

82-Pb-187m



10

Incident Energy (MeV)

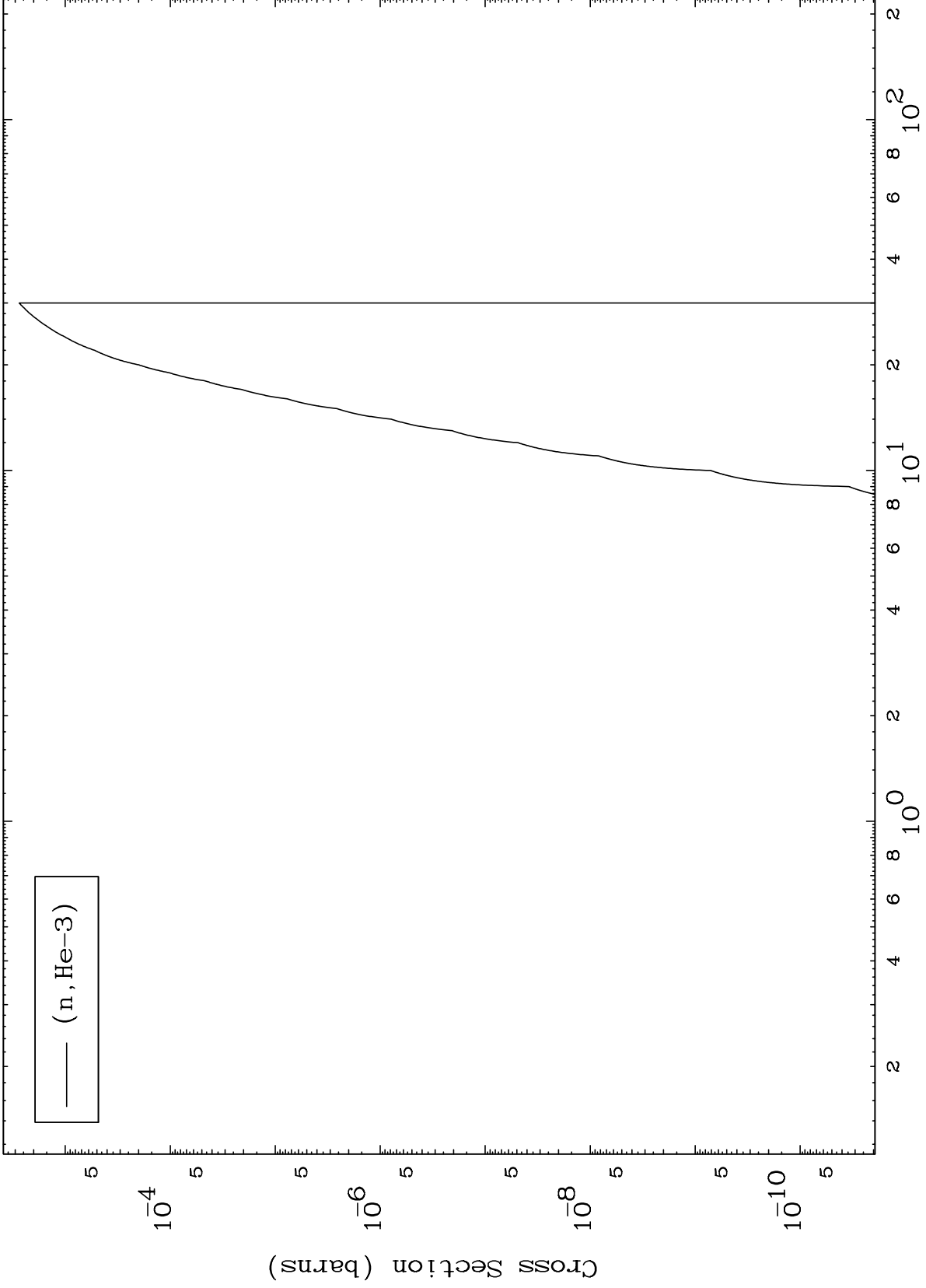
82-Pb-187m

MAT 8175

(d,He3) Levels

82-Pb-187m

0 Kelvin Cross Sections

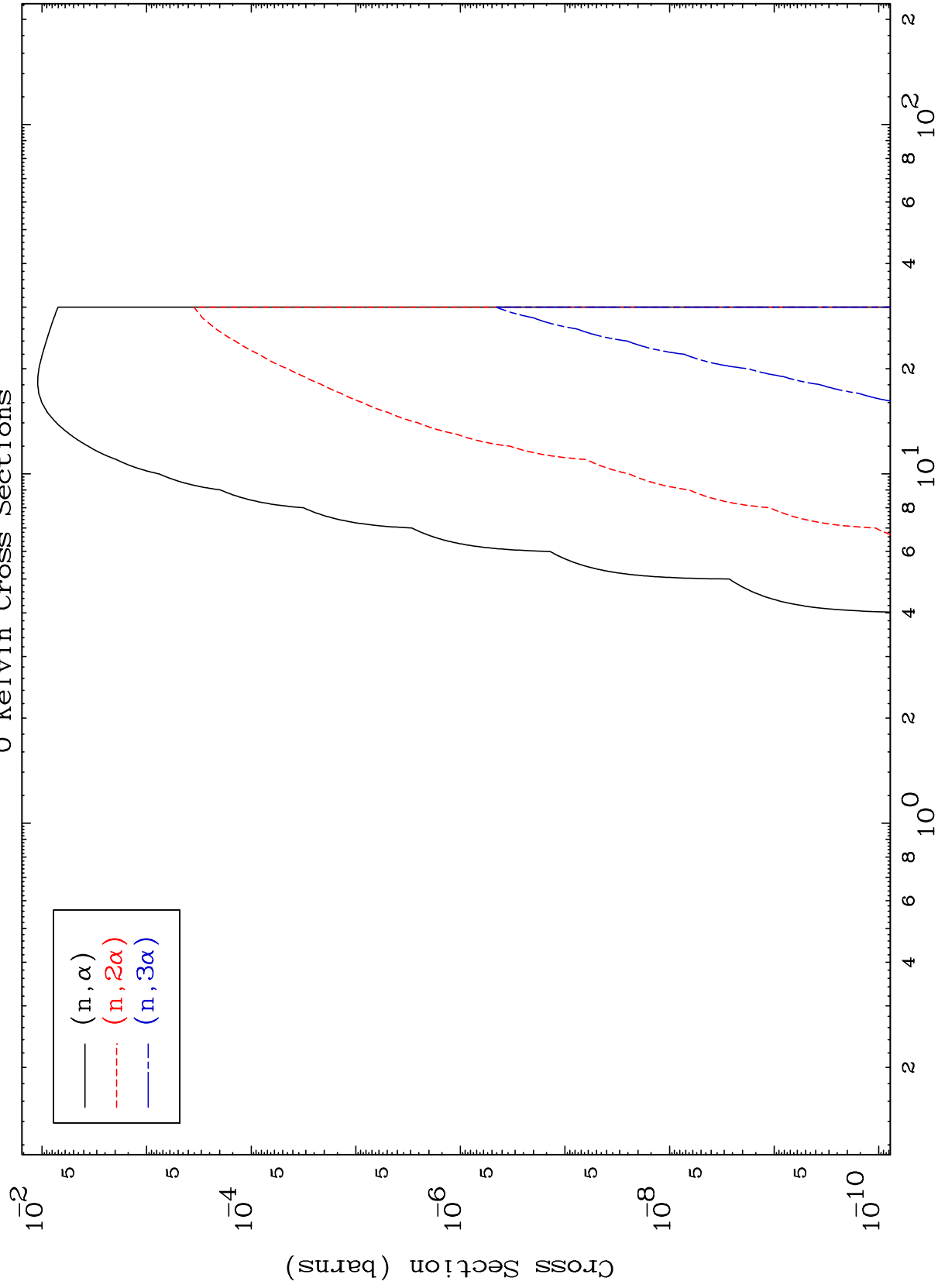


MAT 8175

(d, α) Levels

82-Pb-187m

0 Kelvin Cross Sections



12

Incident Energy (MeV)

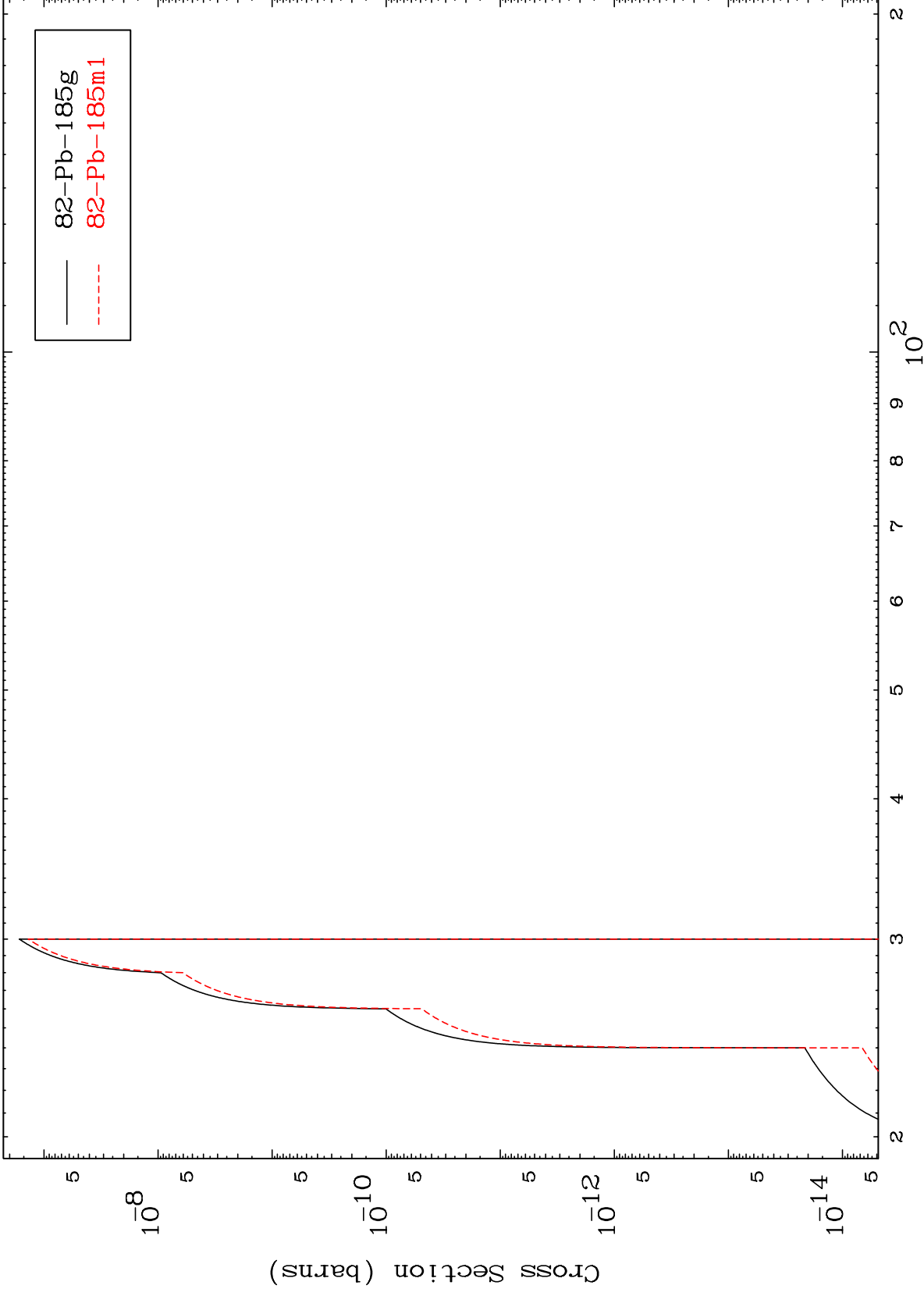
82-Pb-187m

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(n,2n) d

82-Pb-187m

Radionuclide Production Cross Section



13

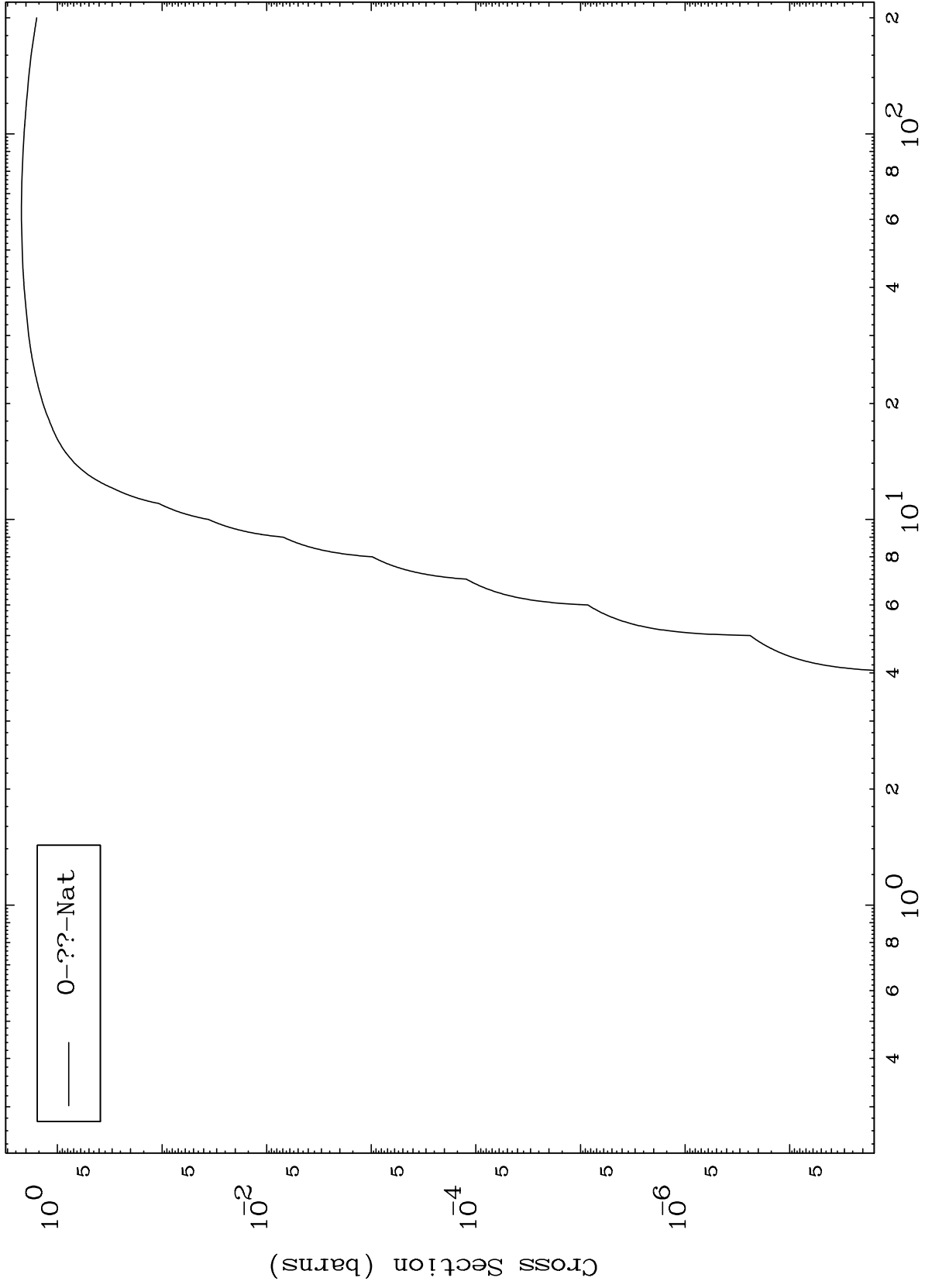
Incident Energy (MeV)

82-Pb-187m

MAT 8175

Fission
Radionuclide Production Cross Section

⁸²Pb-187m



14

Incident Energy (MeV)

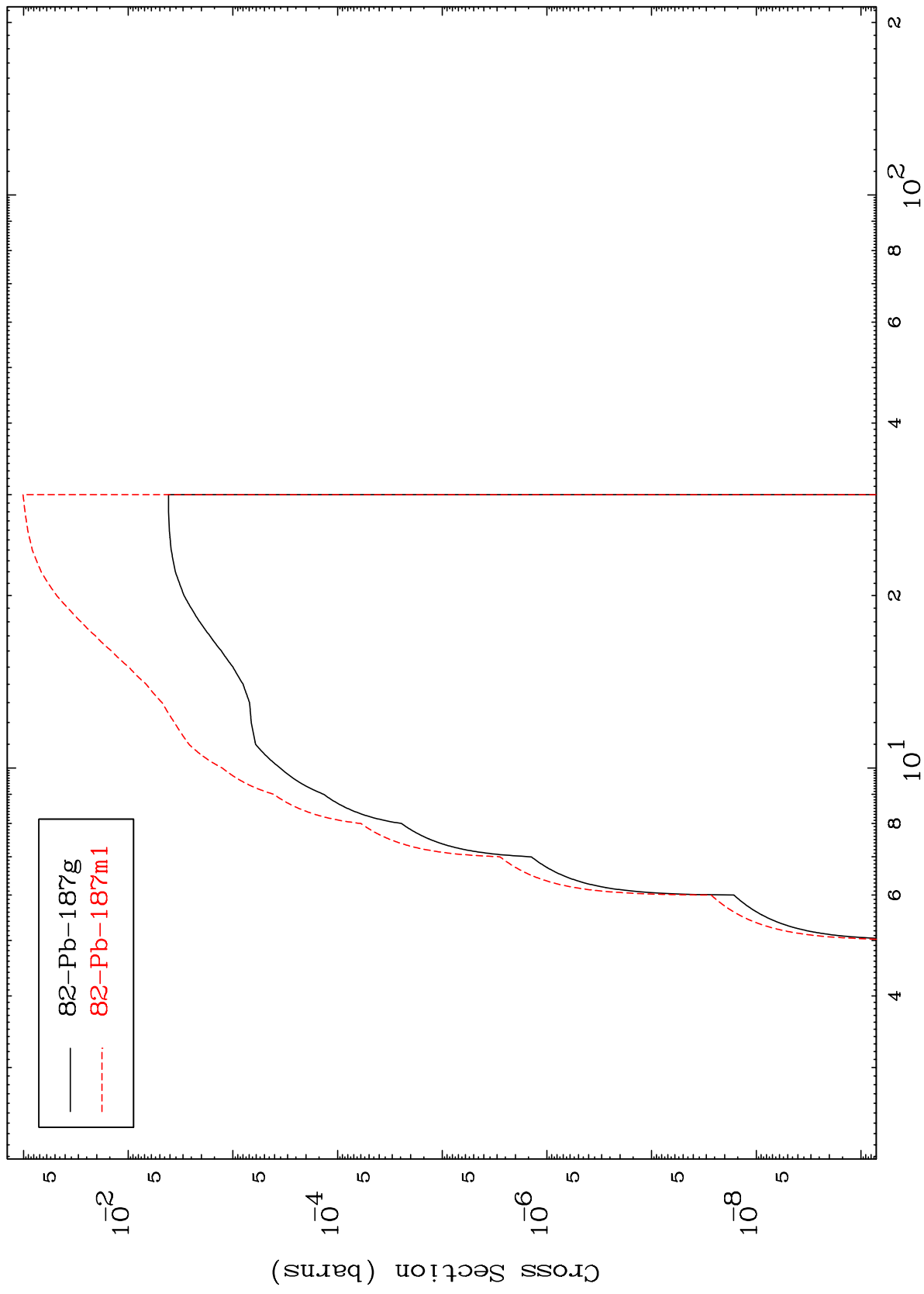
⁸²Pb-187m

MAT 8175

(n,n') p

82-Pb-187m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

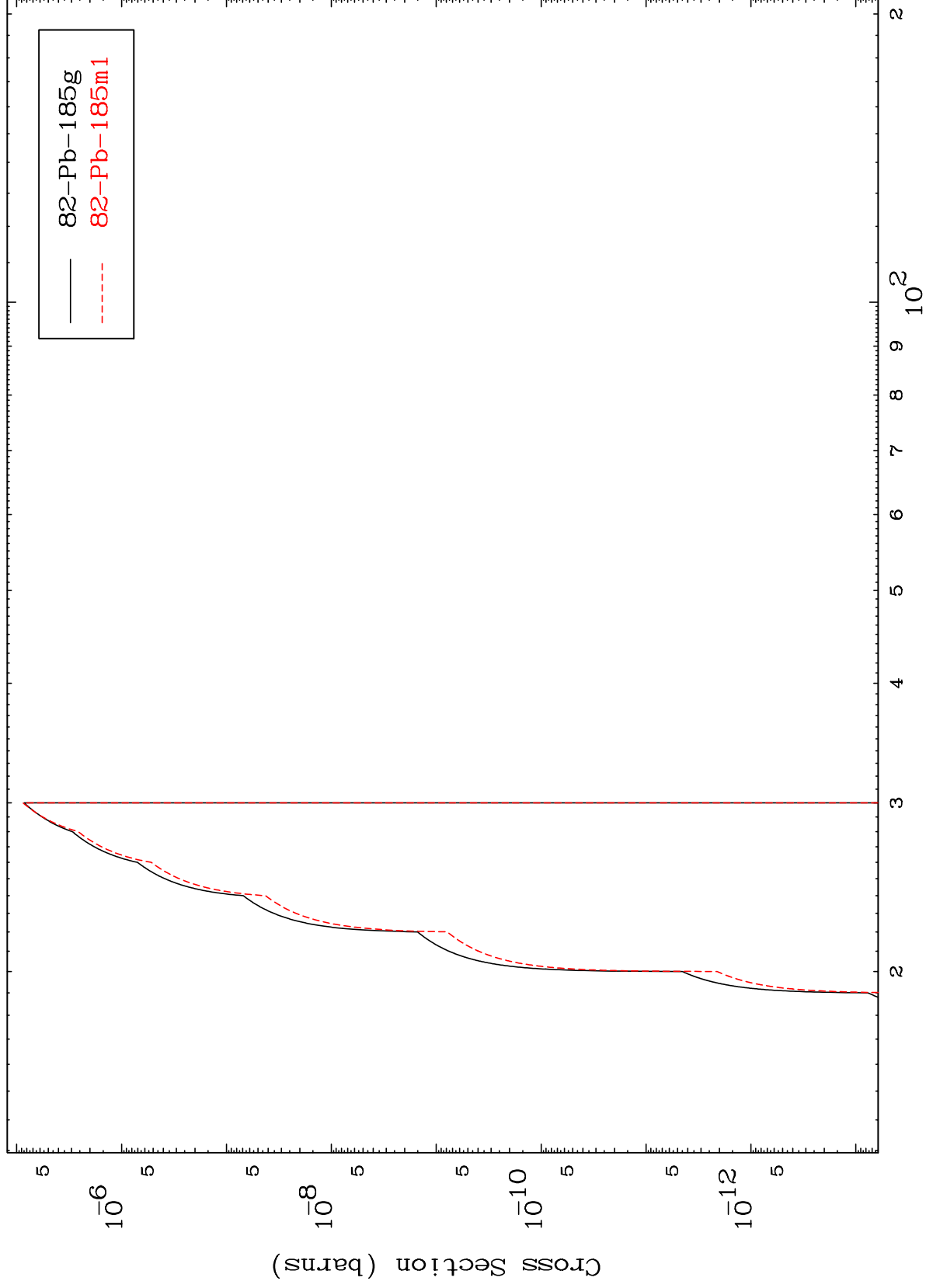
82-Pb-187m

MAT 8175

(n,n') t

82-Pb-187m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

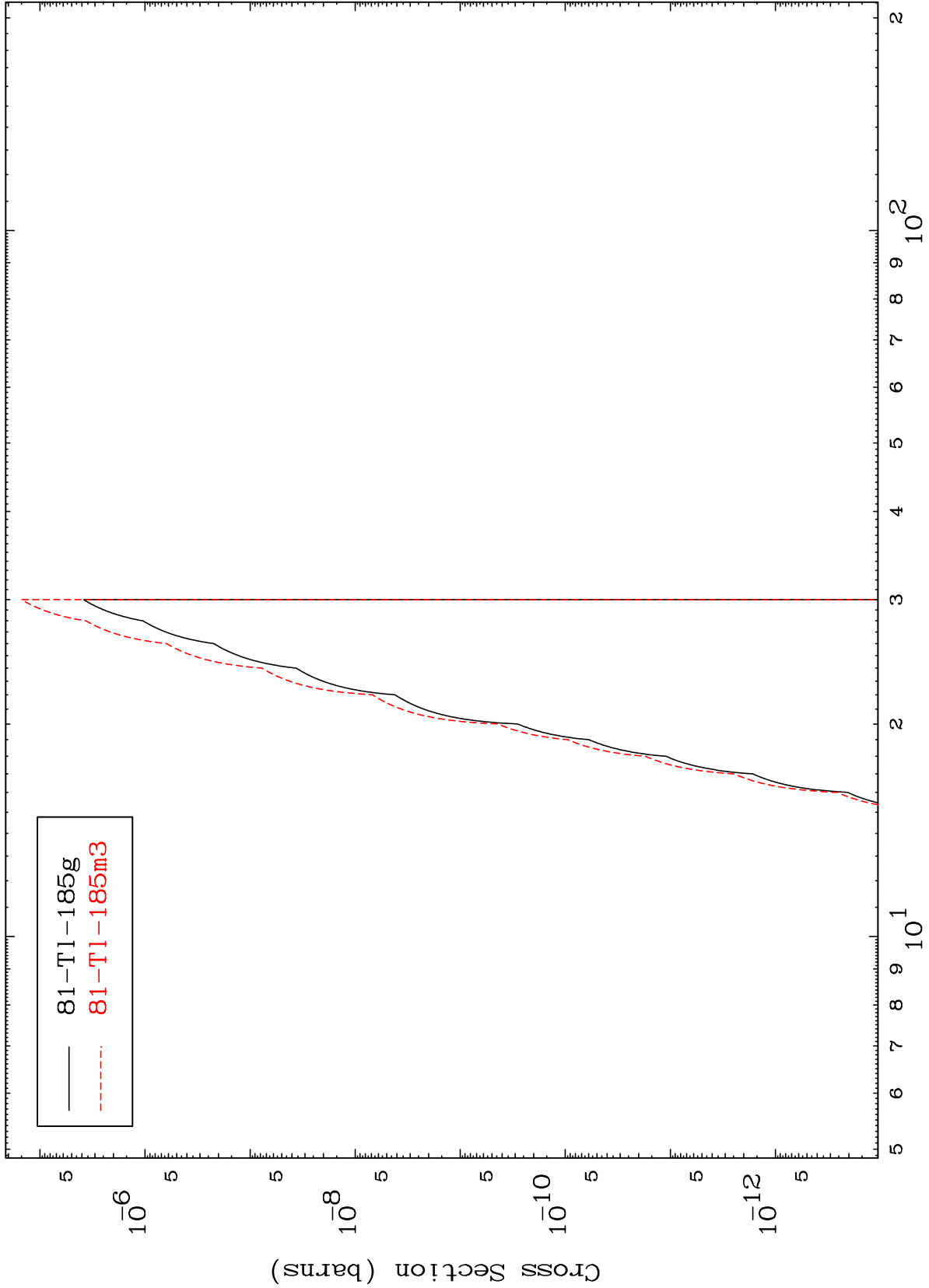
82-Pb-187m

MAT 8175

(n,n') He-3

82-Pb-187m

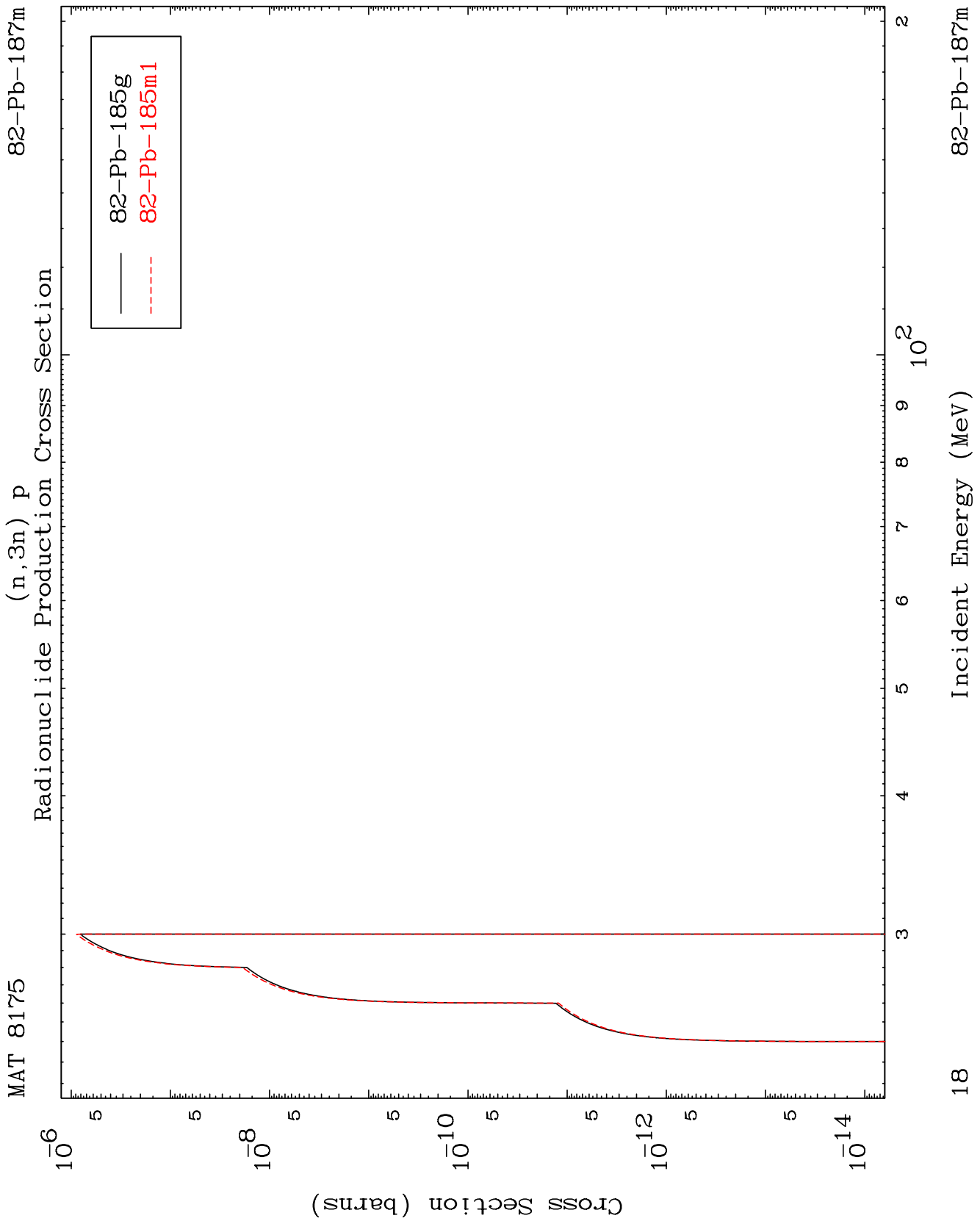
Radionuclide Production Cross Section



17

Incident Energy (MeV)

82-Pb-187m

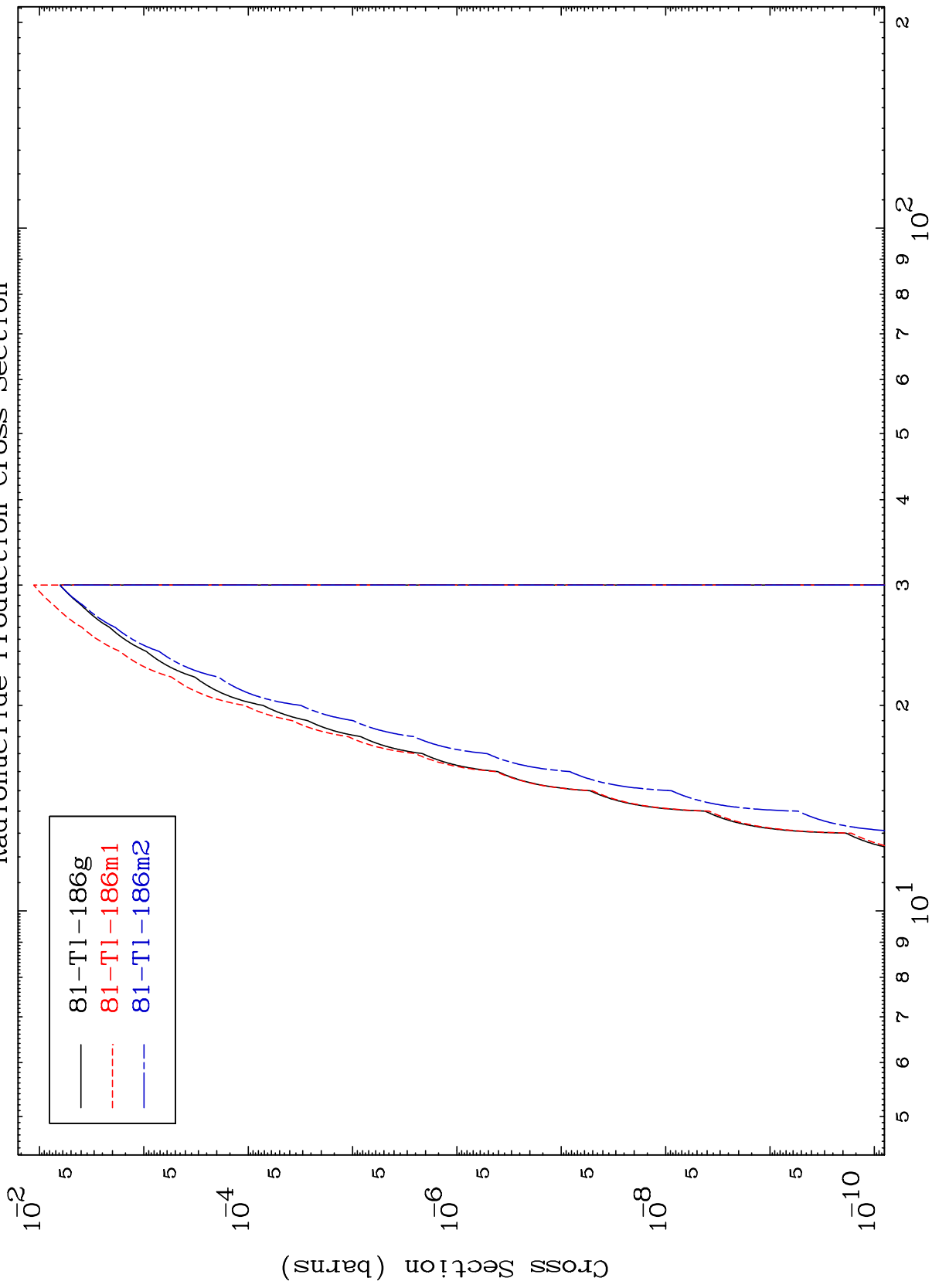


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(n,2n) p

82-Pb-187m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

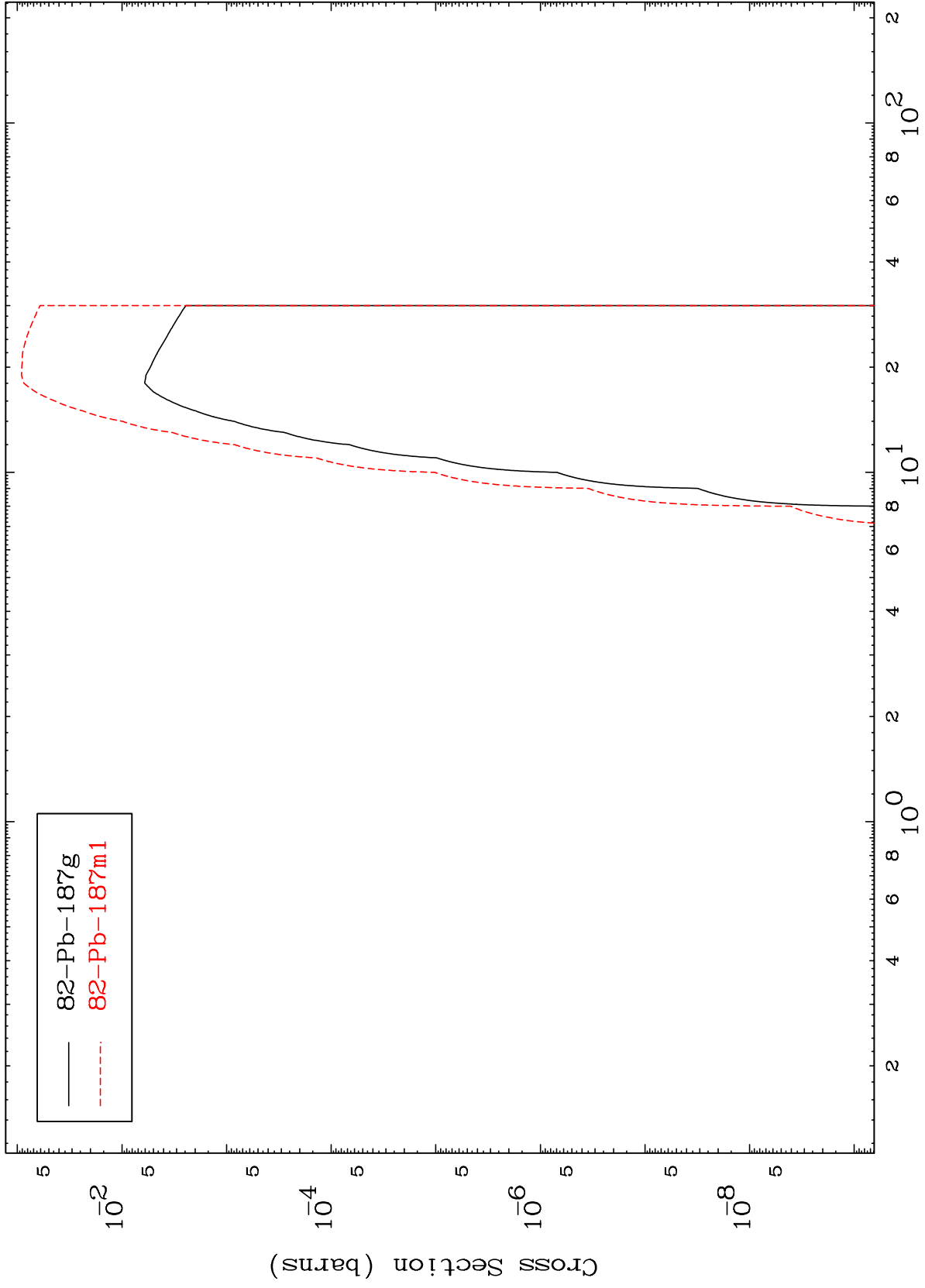
82-Pb-187m

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(n,d)

⁸²Pb-¹⁸⁷m

Radionuclide Production Cross Section



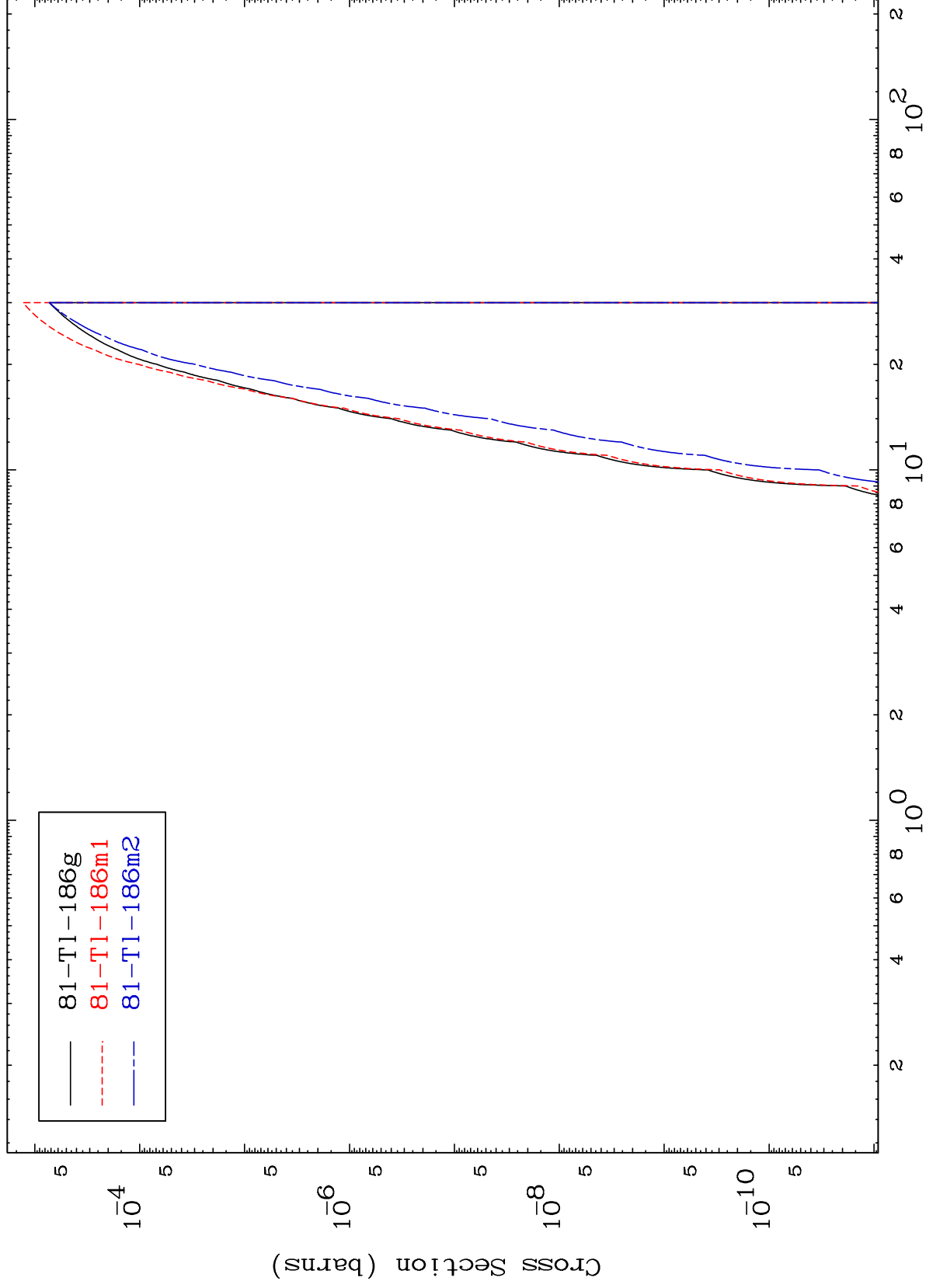
— 82-Pb-187g
- - - 82-Pb-187m1

MAT 8175

(n,He-3)

82-Pb-187m

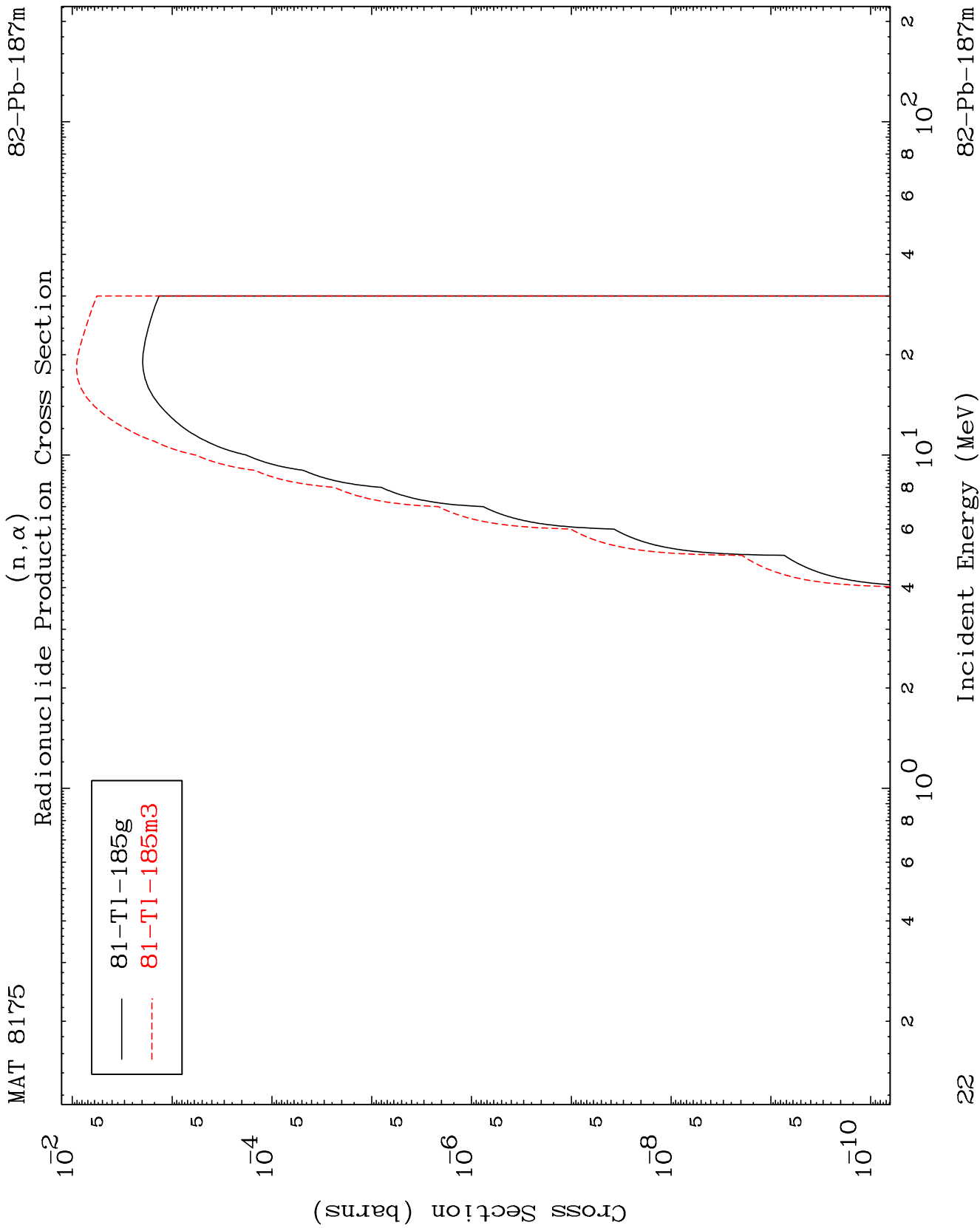
Radionuclide Production Cross Section



21

Incident Energy (MeV)

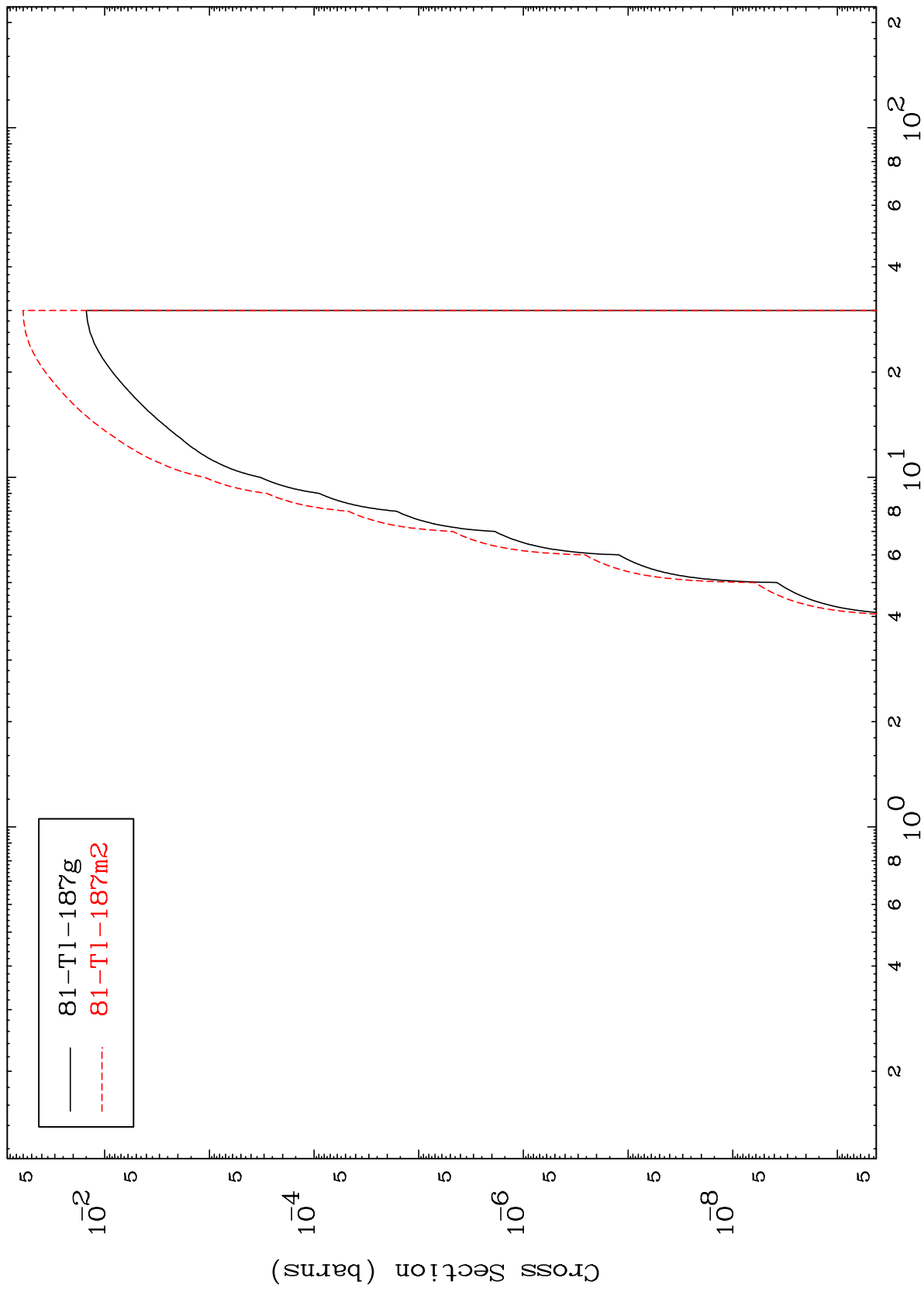
82-Pb-187m



MAT 8175

82-Pb-187m

Radionuclide Production Cross Section
(n,2p)



82-Pb-187m

Incident Energy (MeV)

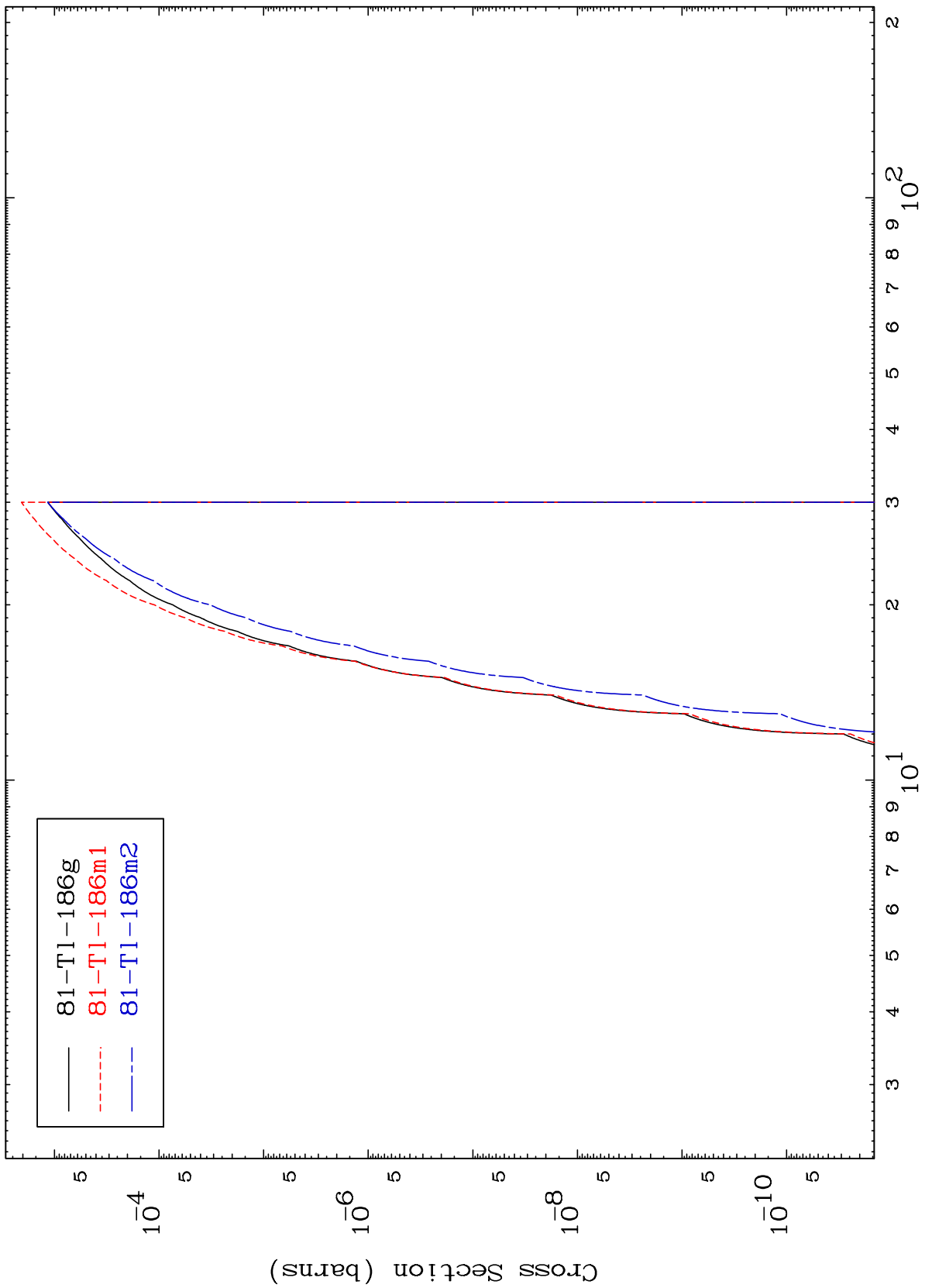
23

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(n,p) d

82-Pb-187m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

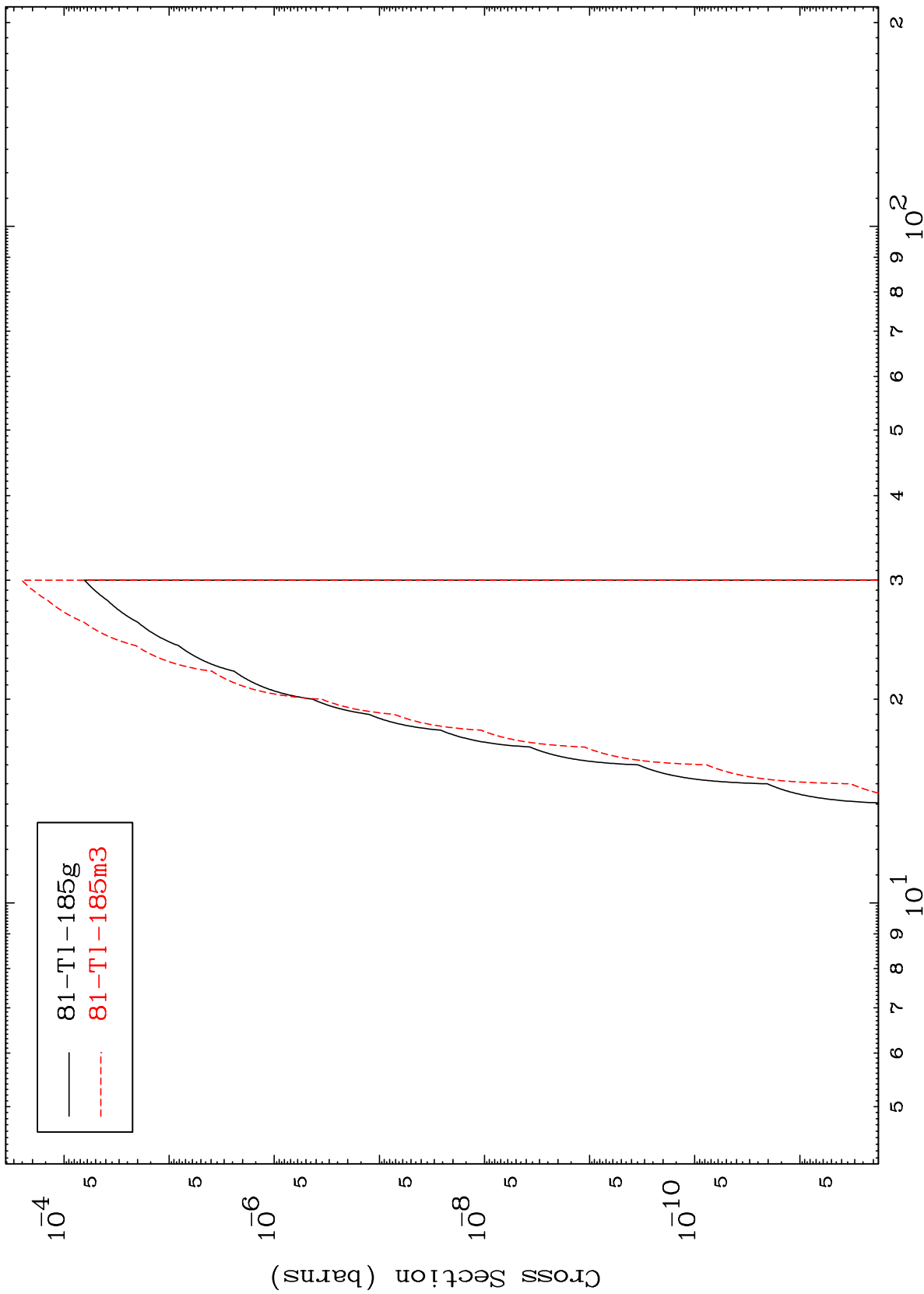
82-Pb-187m

MAT 8175

(n,p) t

82-Pb-187m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

82-Pb-187m