

Program EVALPLOT
(Version 2021-1)

by

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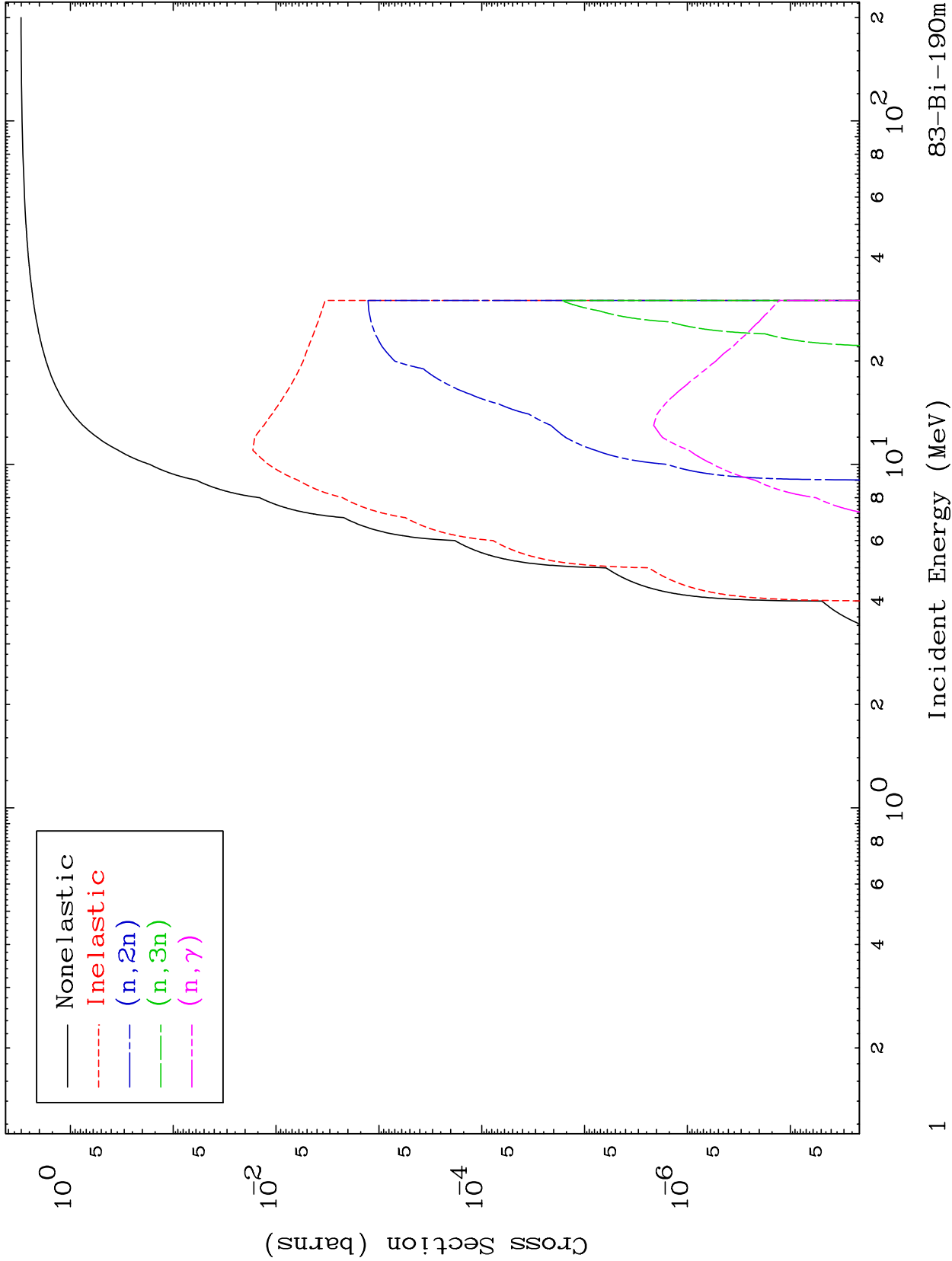
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8269

Deuteron Major
0 Kelvin Cross Sections

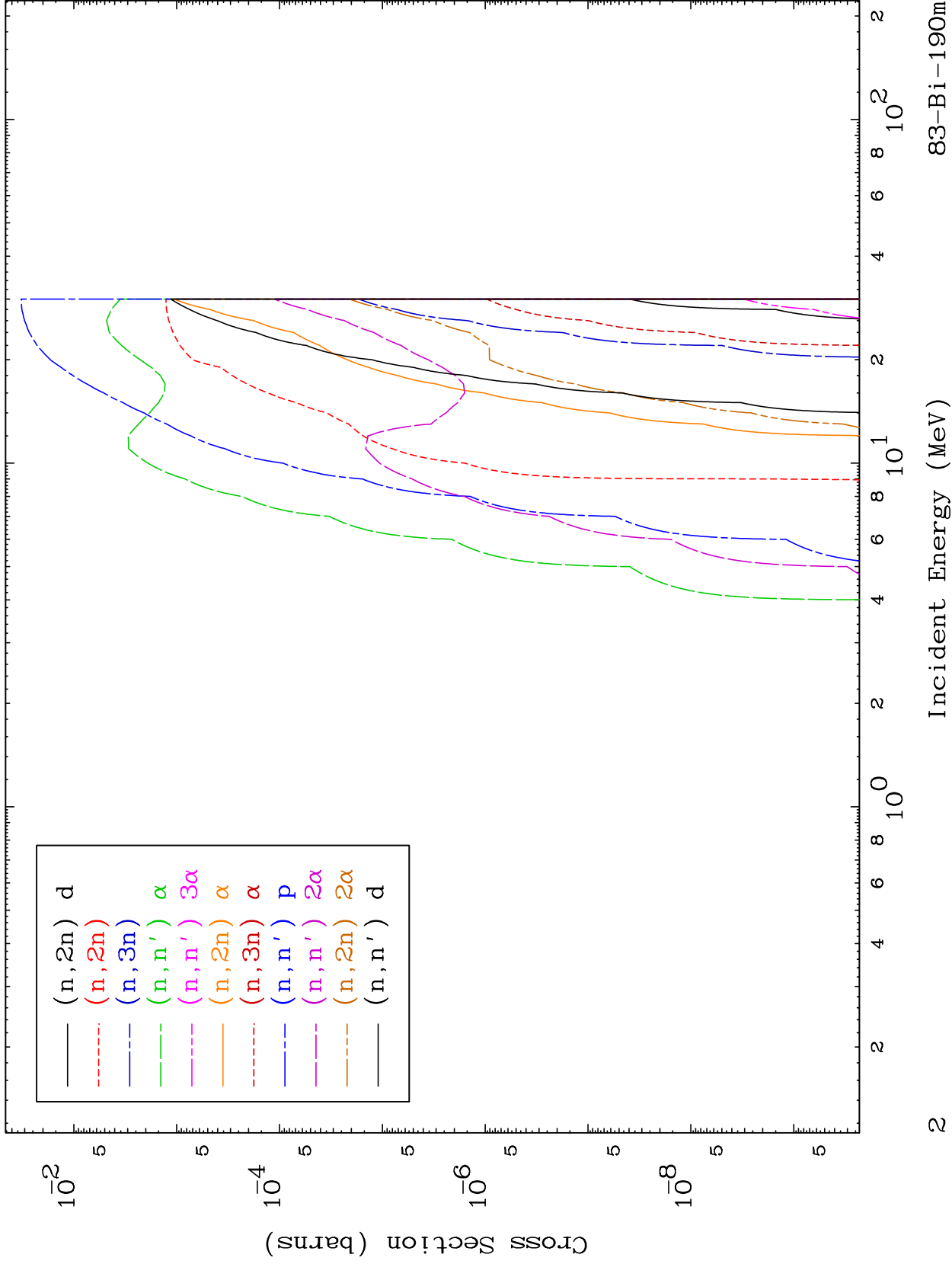
⁸³Bi-190m

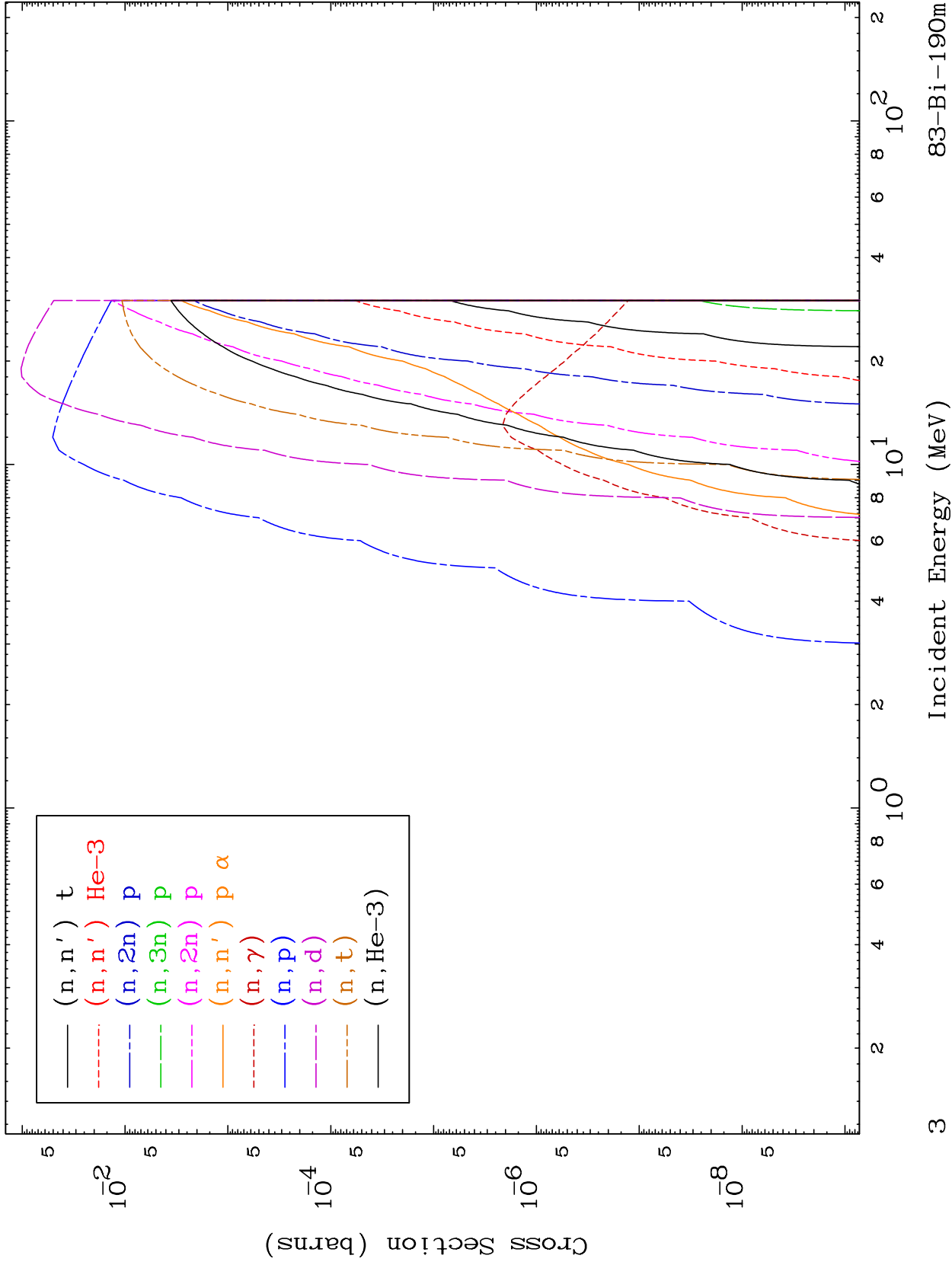


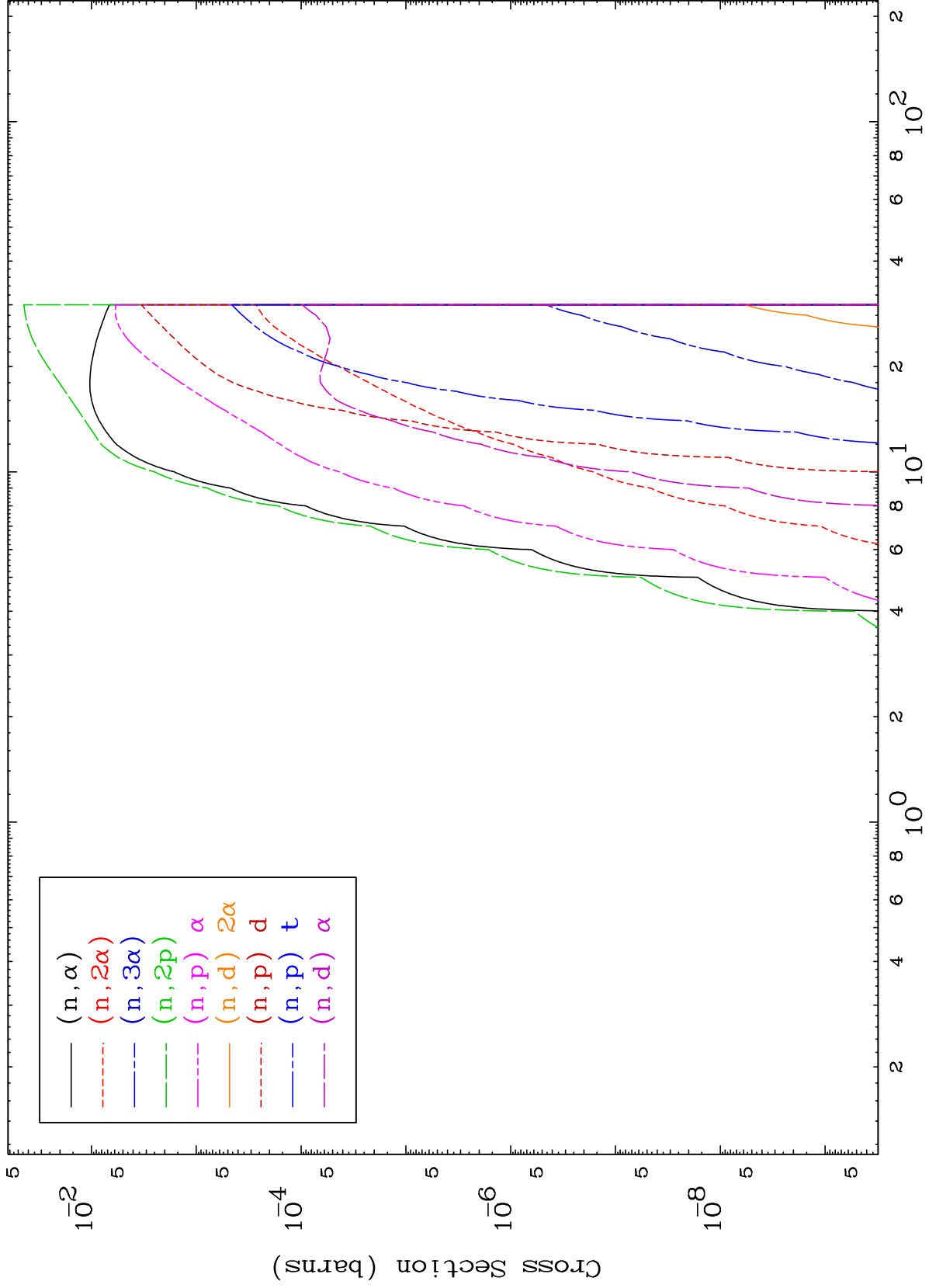
MAT 8269

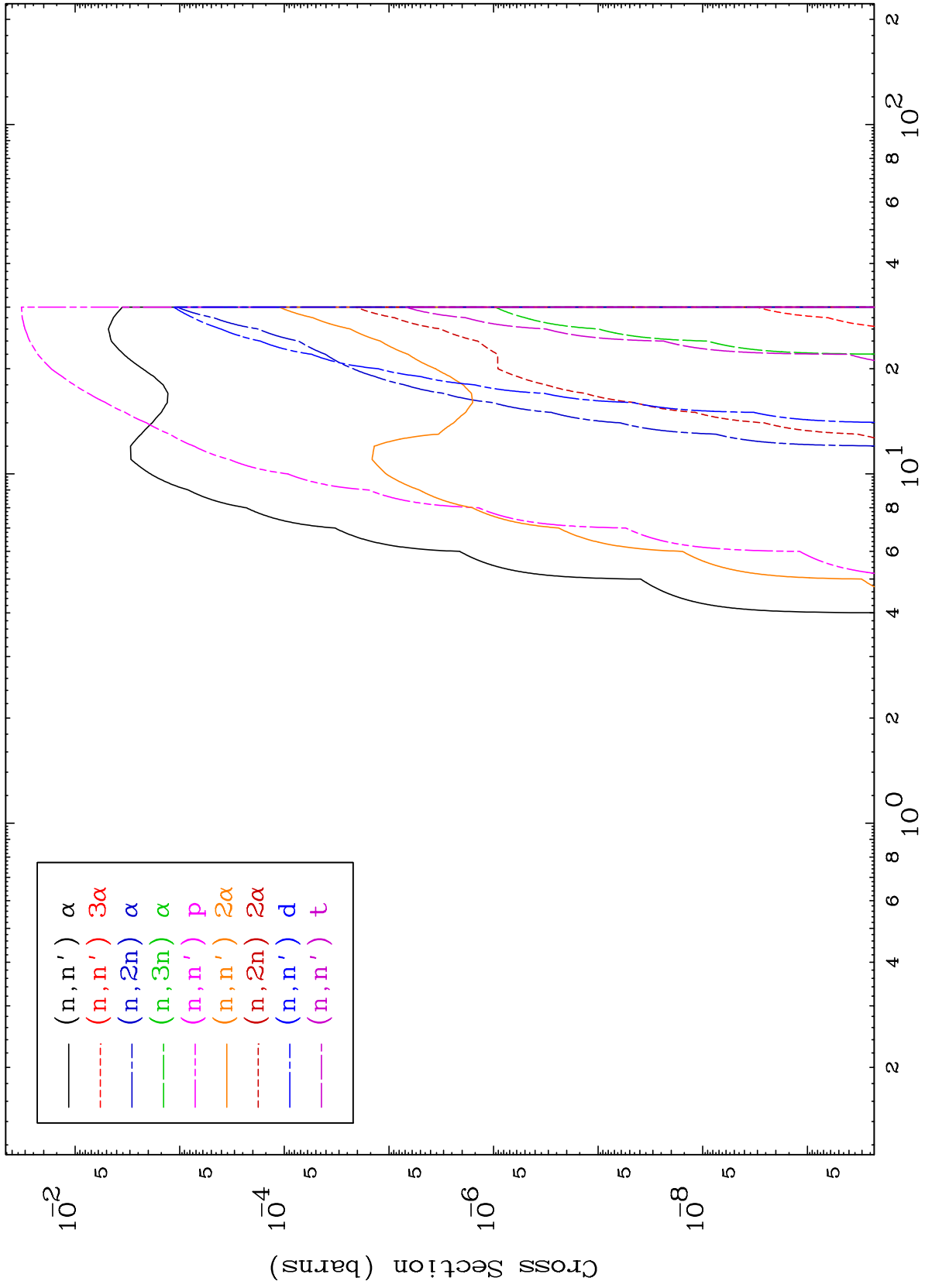
Deuteron Neutron Absorption
0 Kelvin Cross Sections

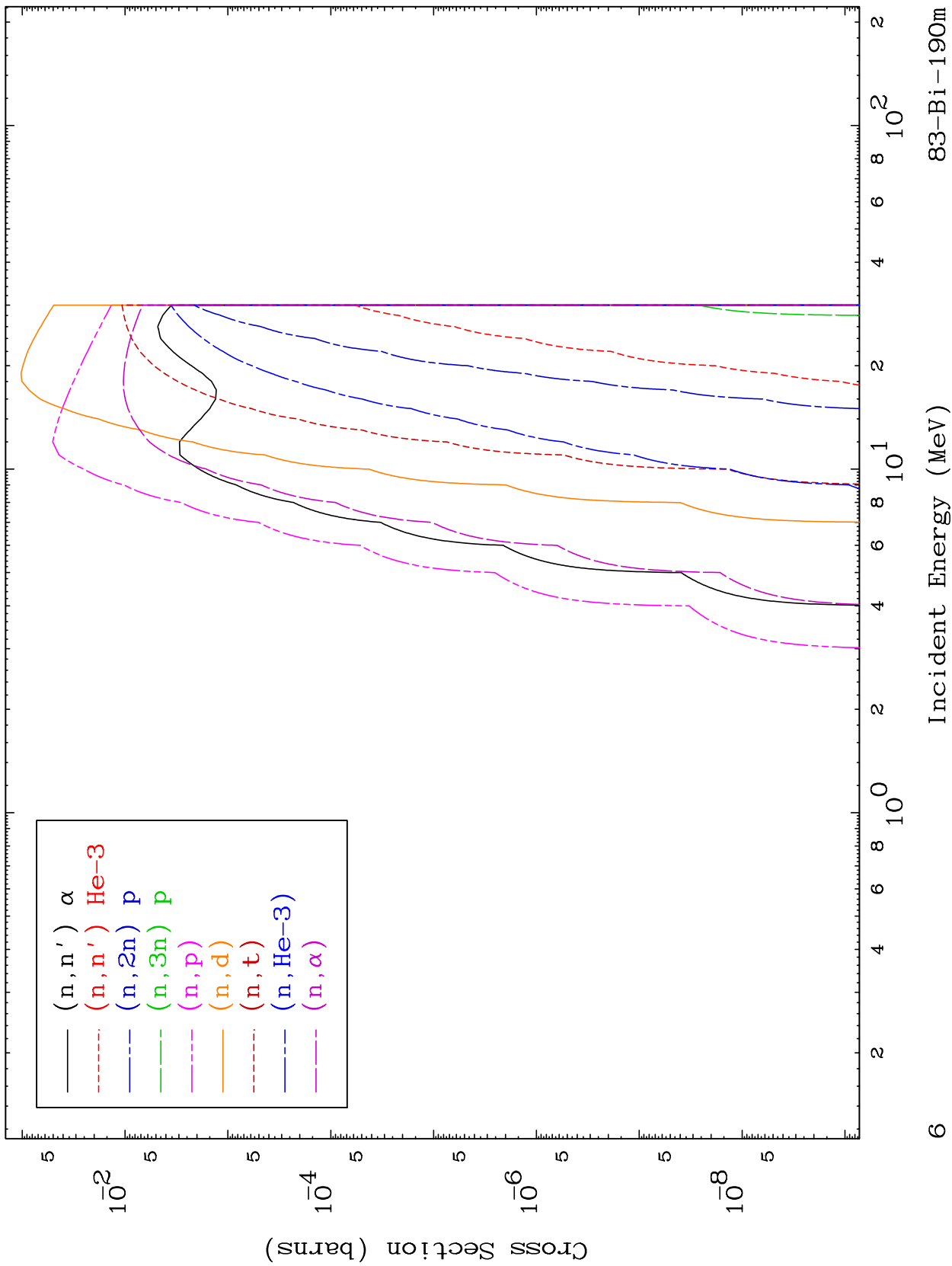
83-Bi-190m







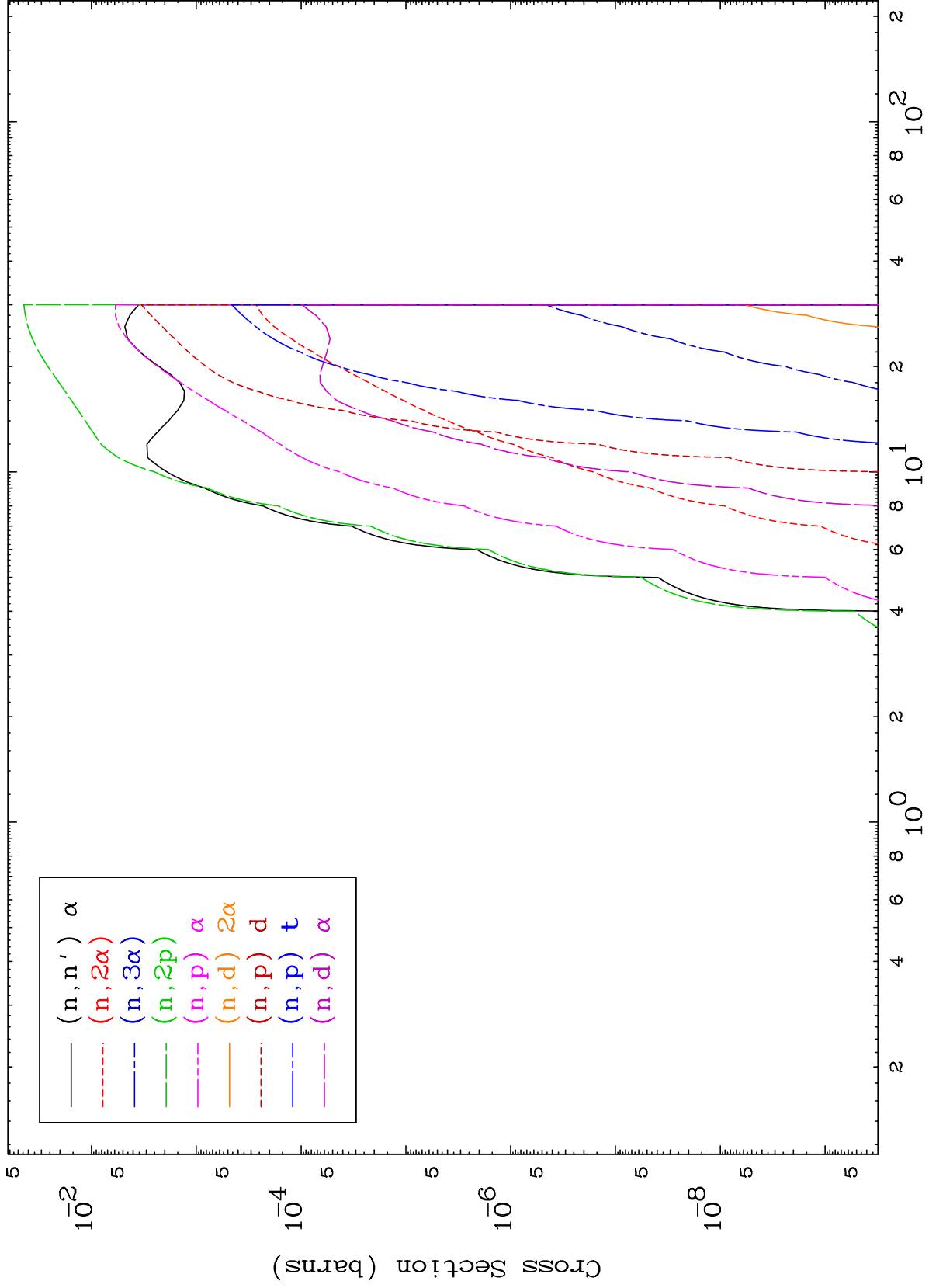




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Deuteron Charged Particle
0 Kelvin Cross Sections

83-Bi-190m

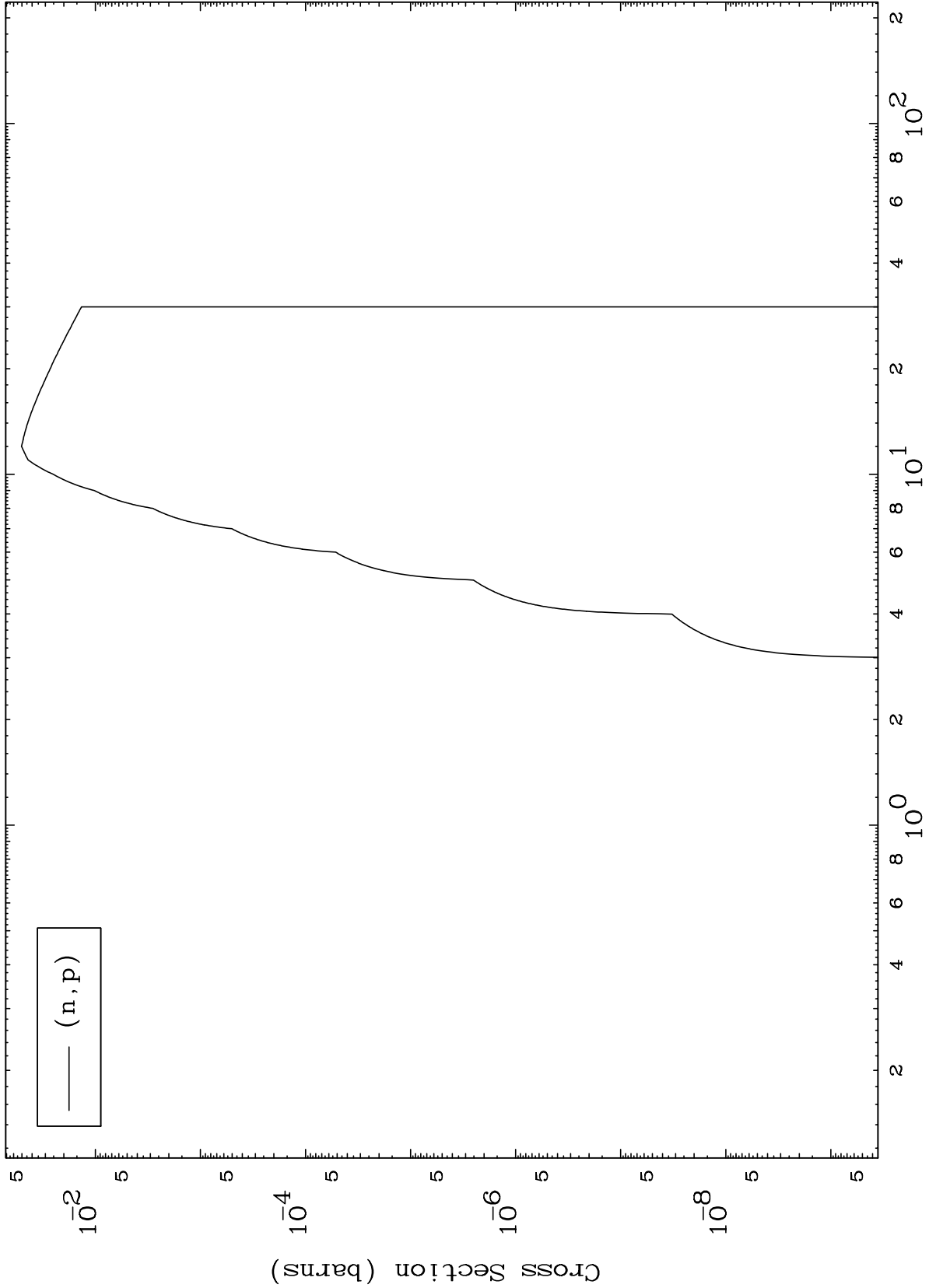


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(d,p) Levels

83-Bi-190m

0 Kelvin Cross Sections

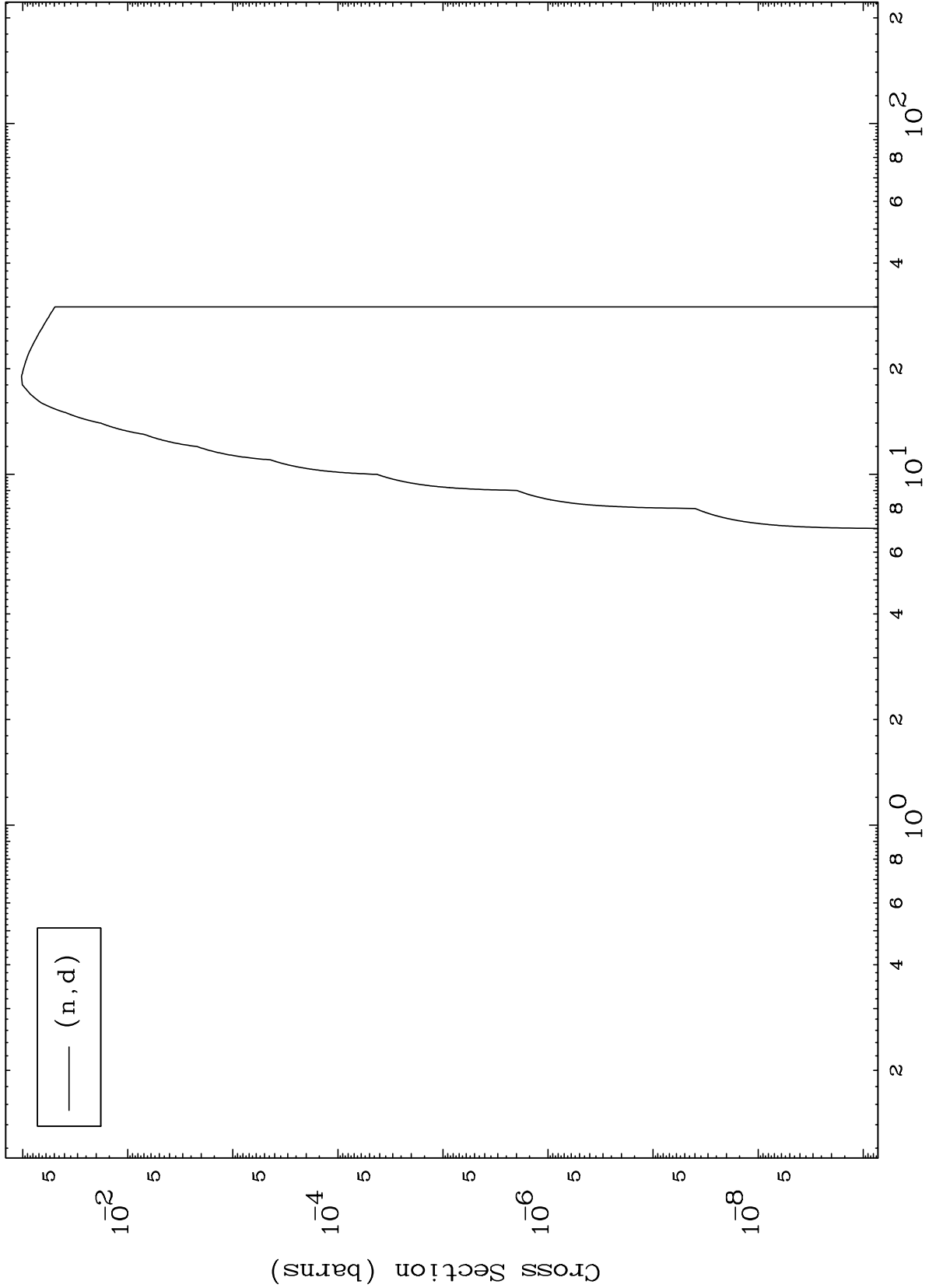


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(d,d) Levels

⁸³Bi-190m

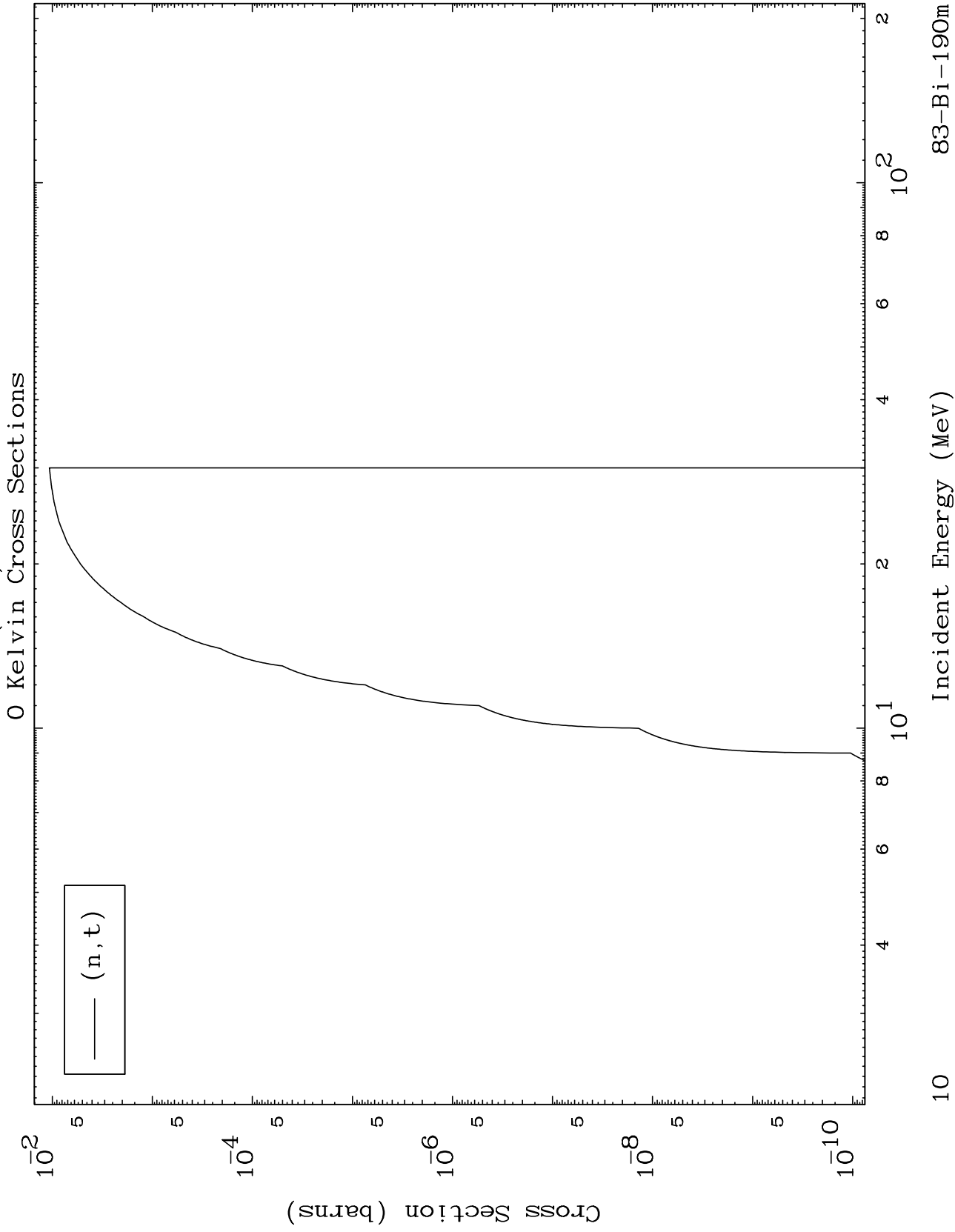
0 Kelvin Cross Sections



MAT 8269

(d, t) Levels

83-Bi-190m



10

Incident Energy (MeV)

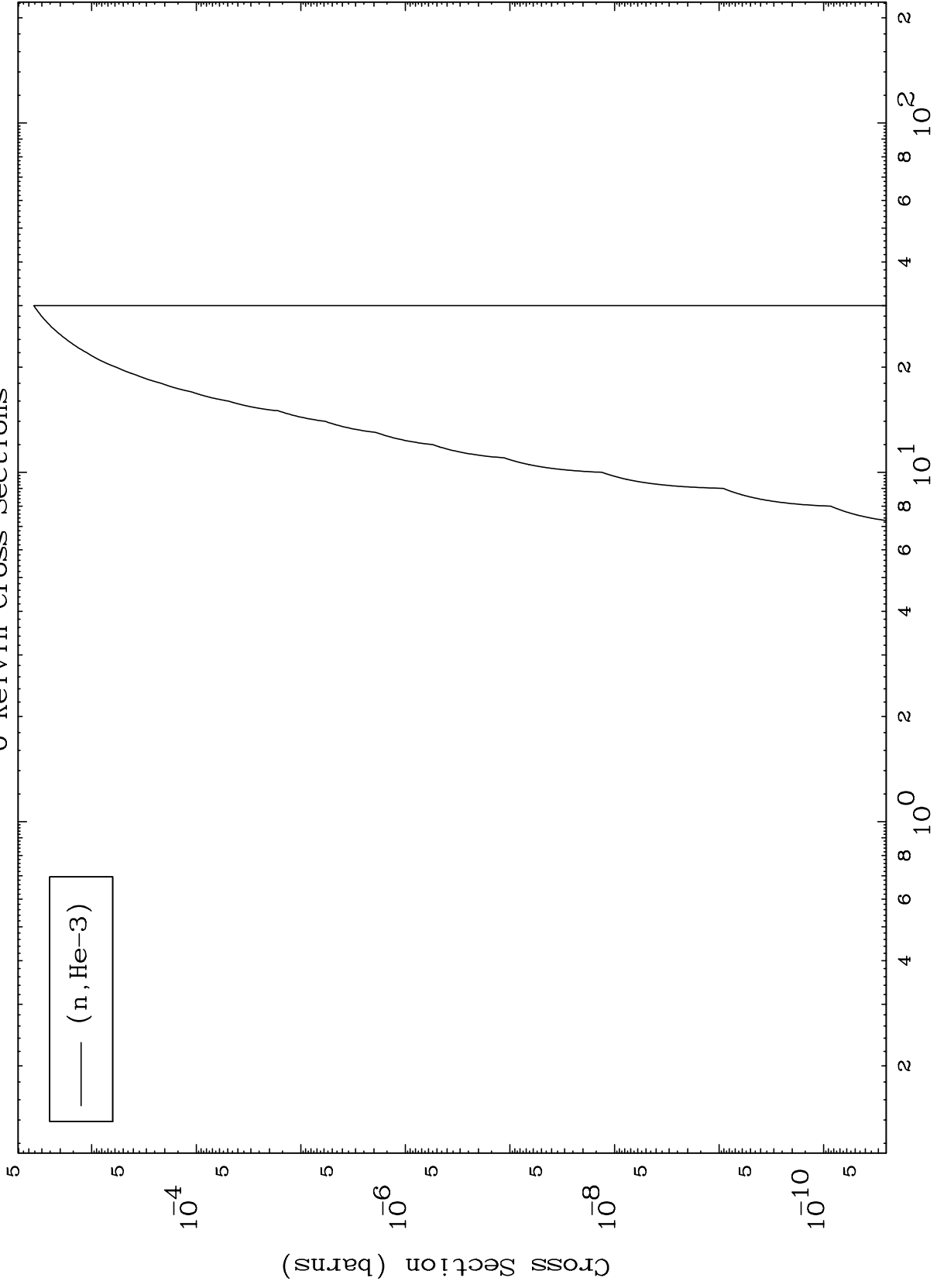
83-Bi-190m

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(d,He3) Levels

83-Bi-190m

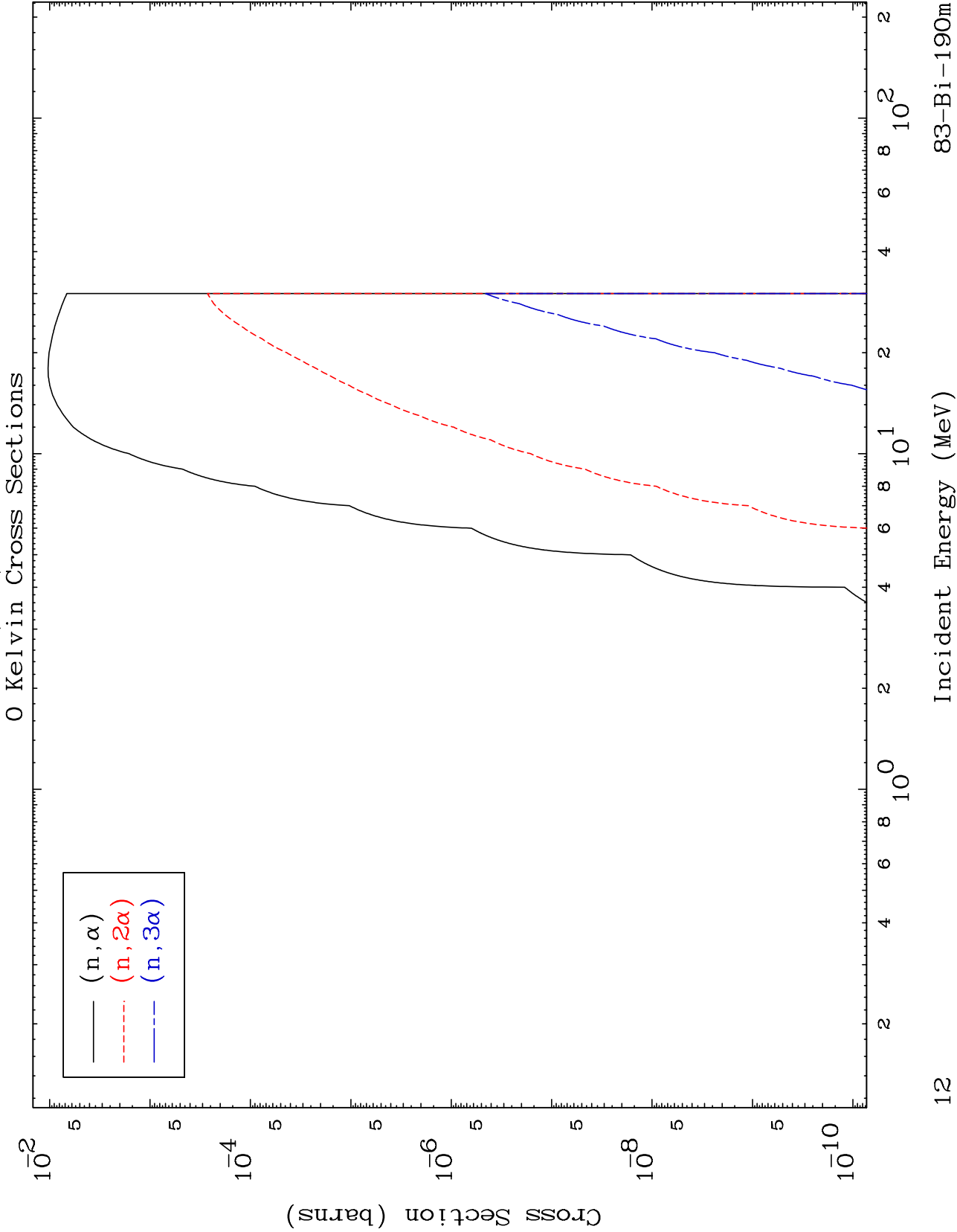
0 Kelvin Cross Sections



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(d, α) Levels

$^{83}\text{Bi}-190\text{m}$

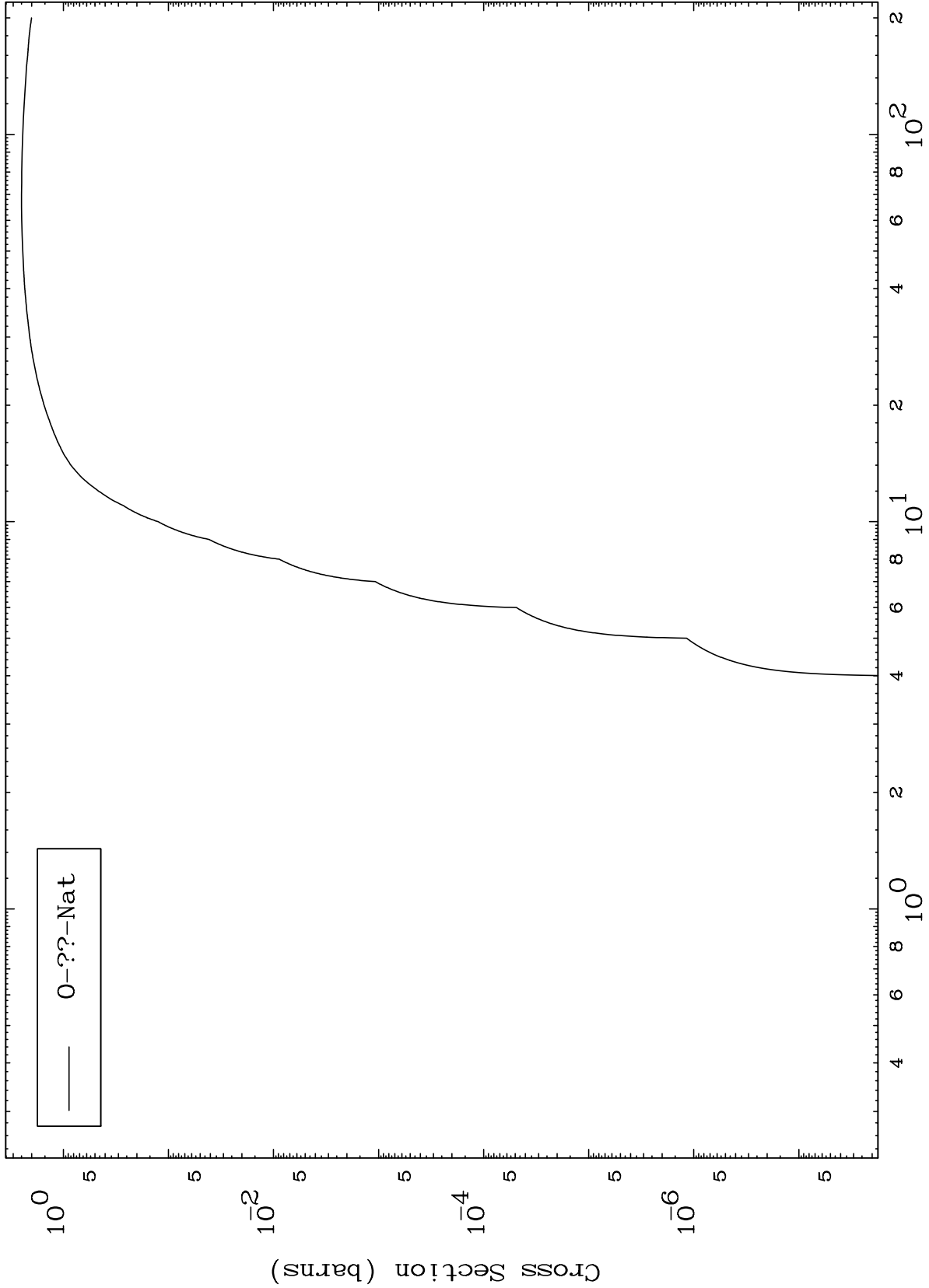


(n, α)
(n, 2α)
(n, 3α)

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83-Bi-190m

Fission
Radionuclide Production Cross Section

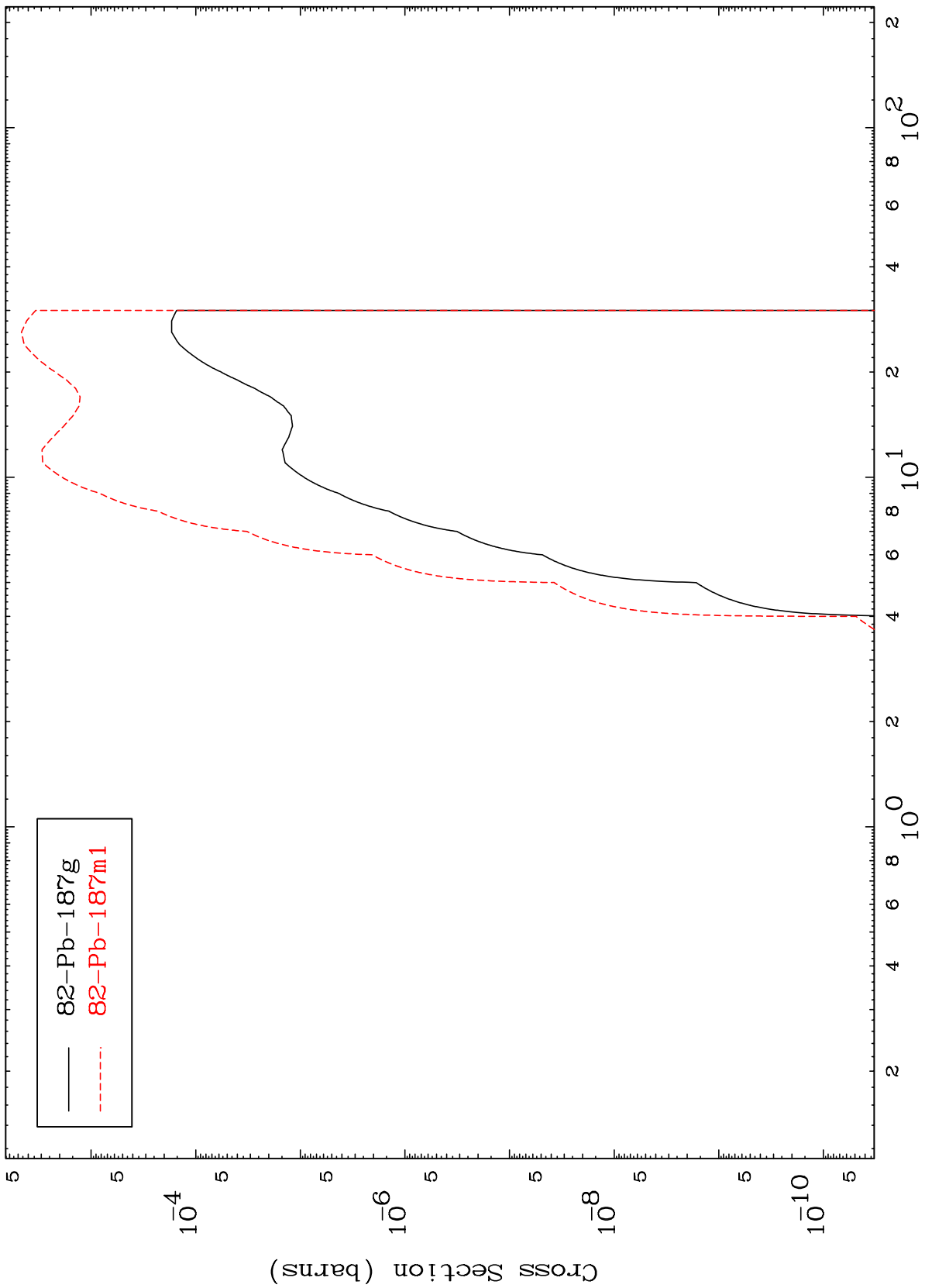


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$(n, n') \alpha$

83-Bi-190m

Radionuclide Production Cross Section

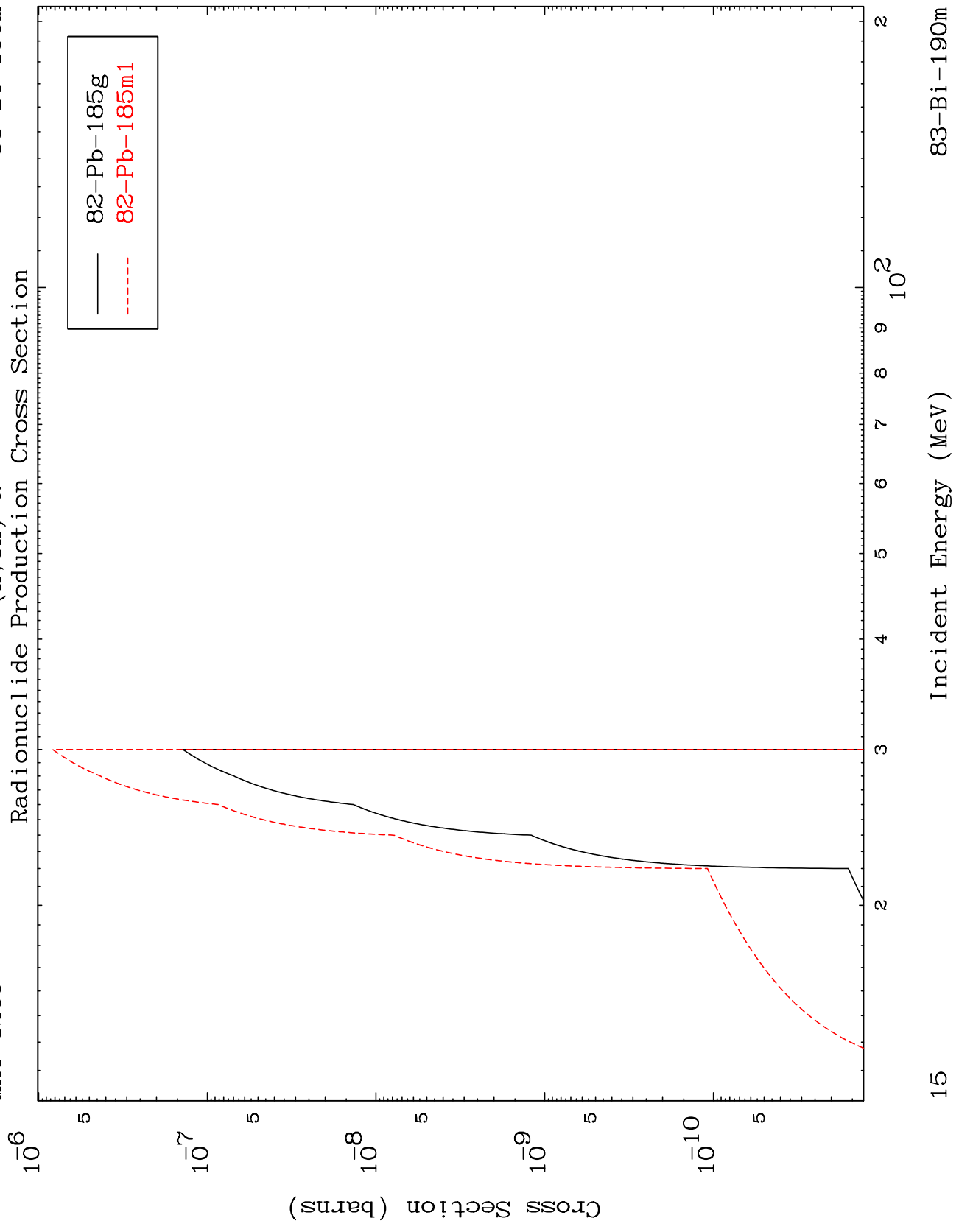


— 82-Pb-187g
- - - 82-Pb-187m1

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(n,3n) α

83-Bi-190m



15

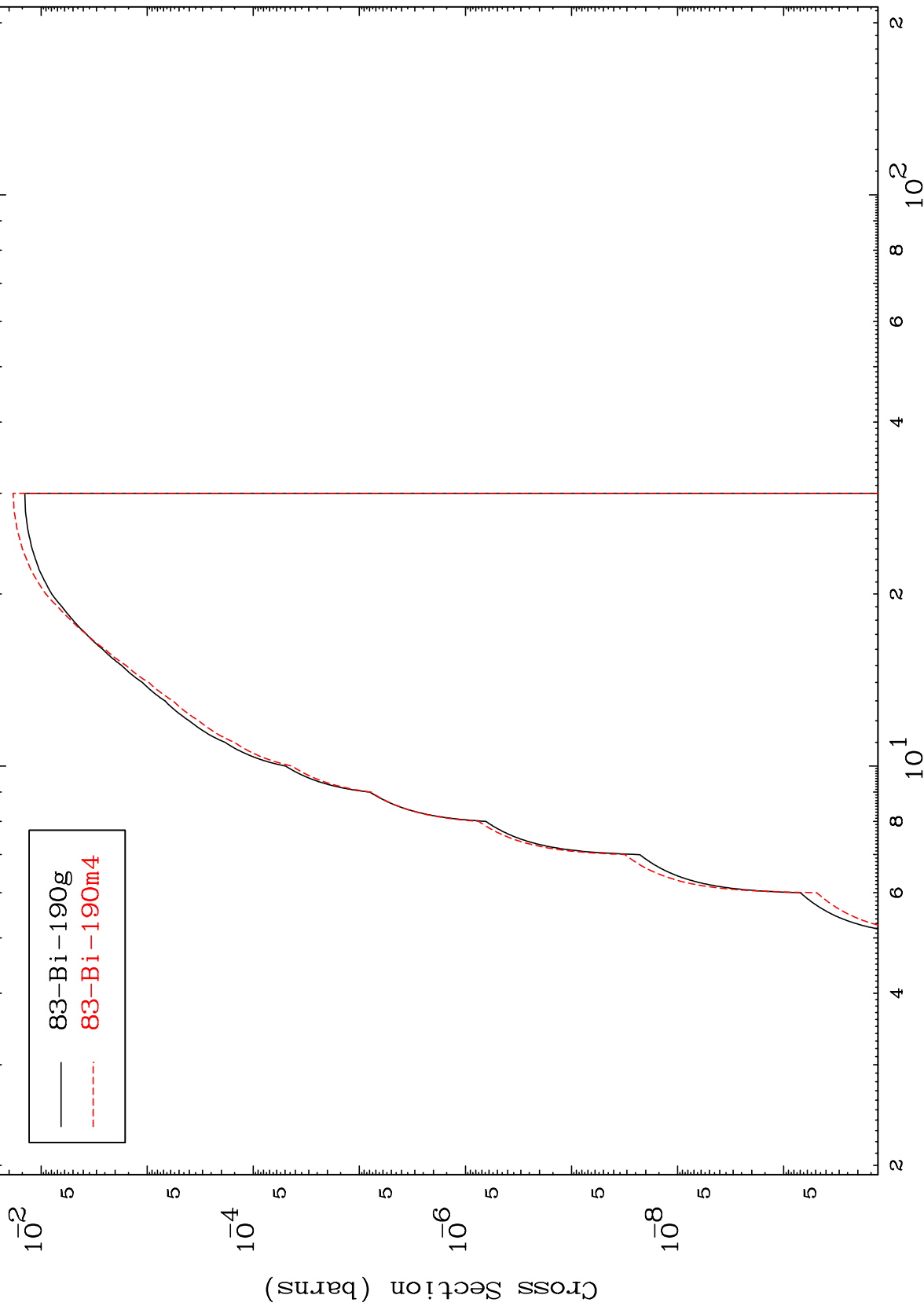
83-Bi-190m

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(n,n') p

⁸³Bi-190m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

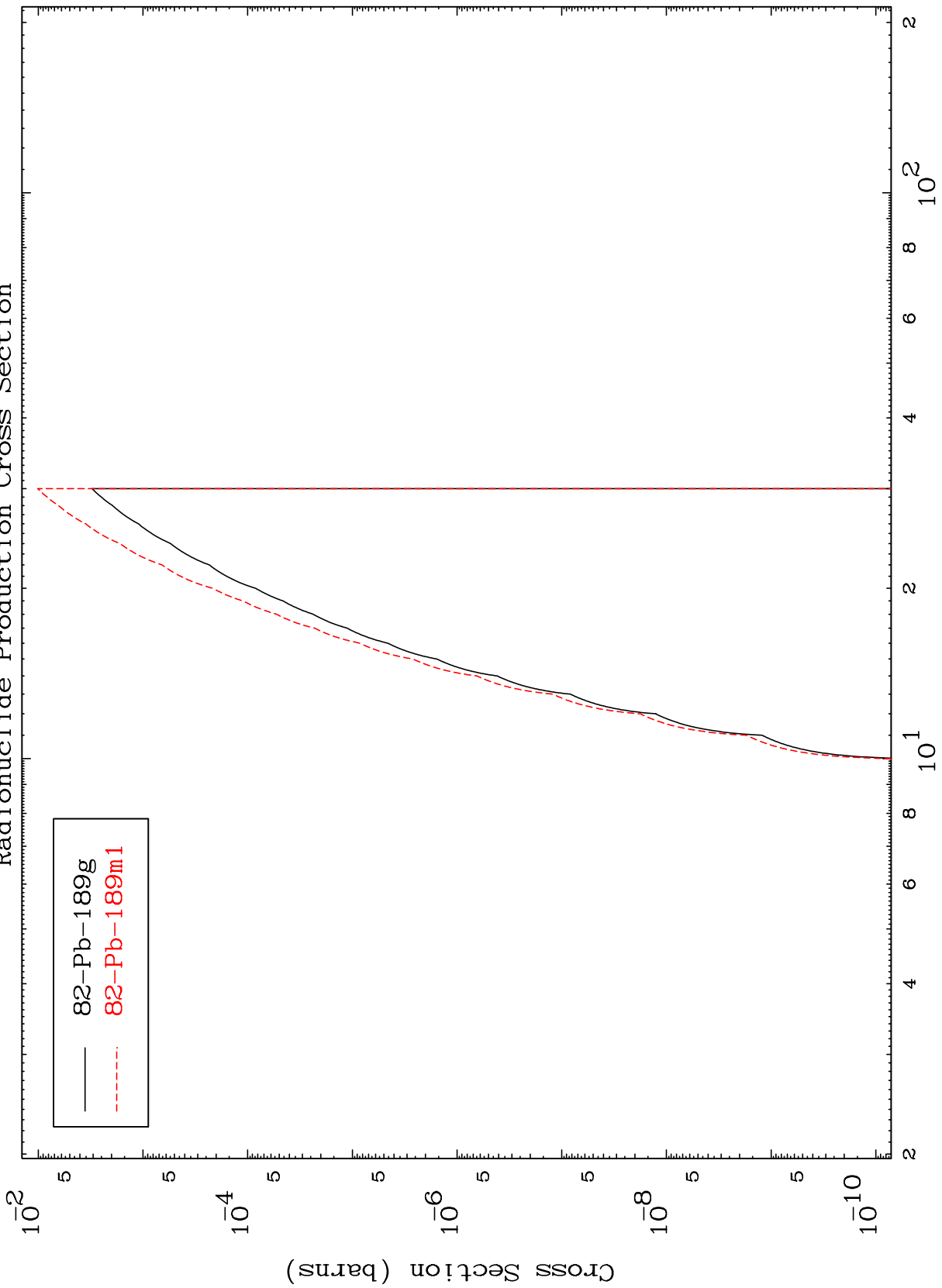
⁸³Bi-190m

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(n,2n) p

83-Bi-190m

Radionuclide Production Cross Section



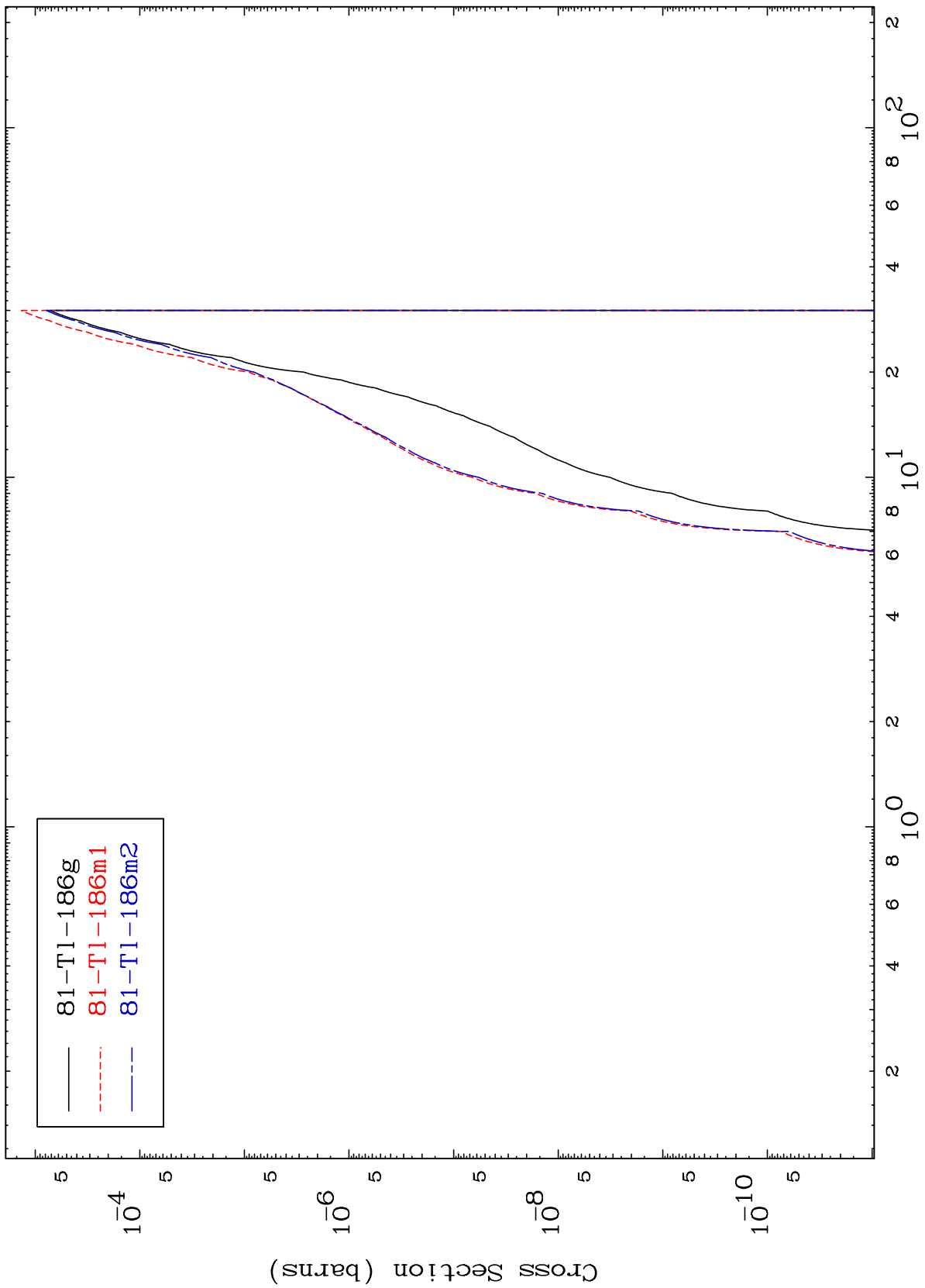
82-Pb-189g
82-Pb-189m1

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(n,n') p α

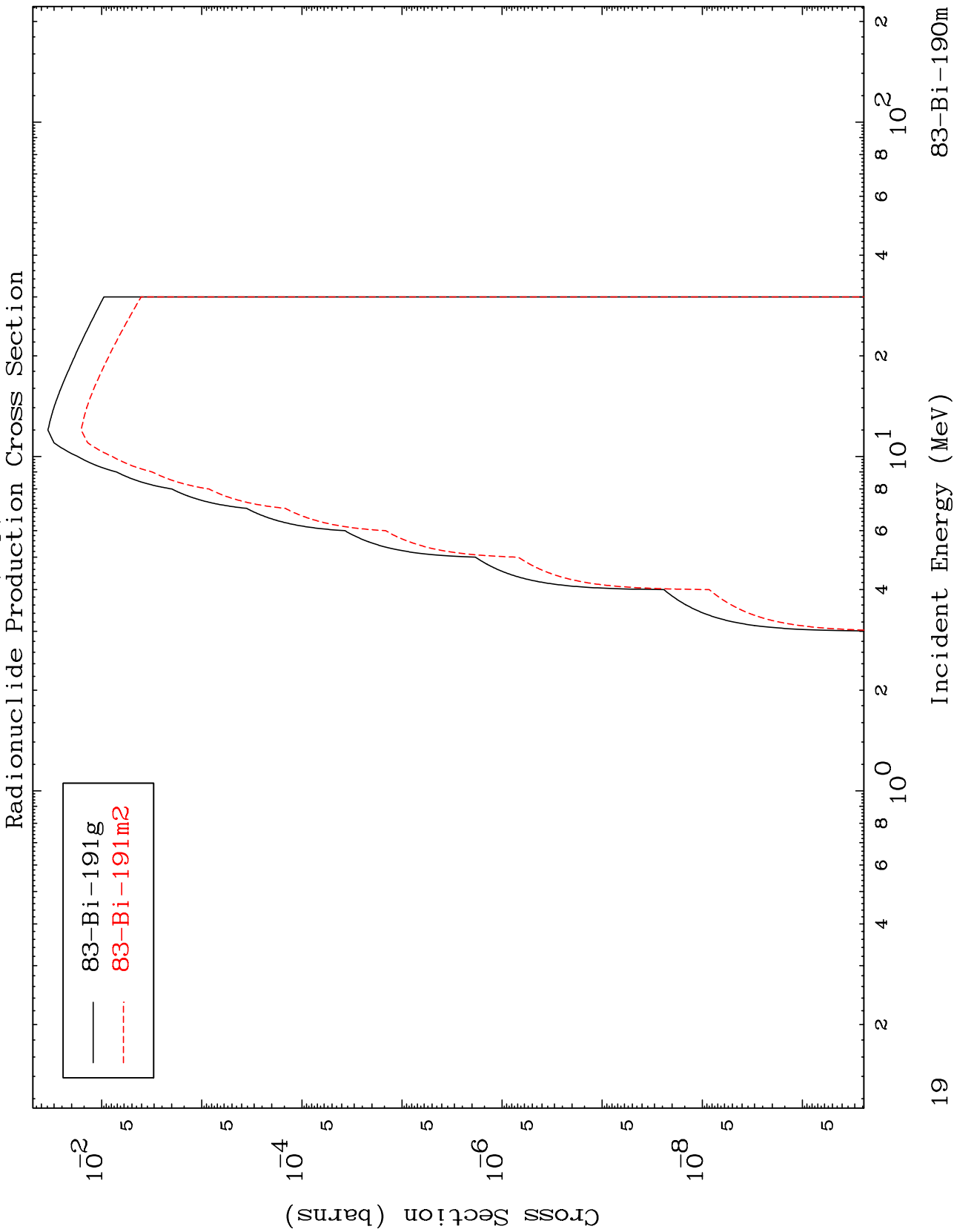
⁸³Bi-190m

Radionuclide Production Cross Section



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⁸³Bi-190m

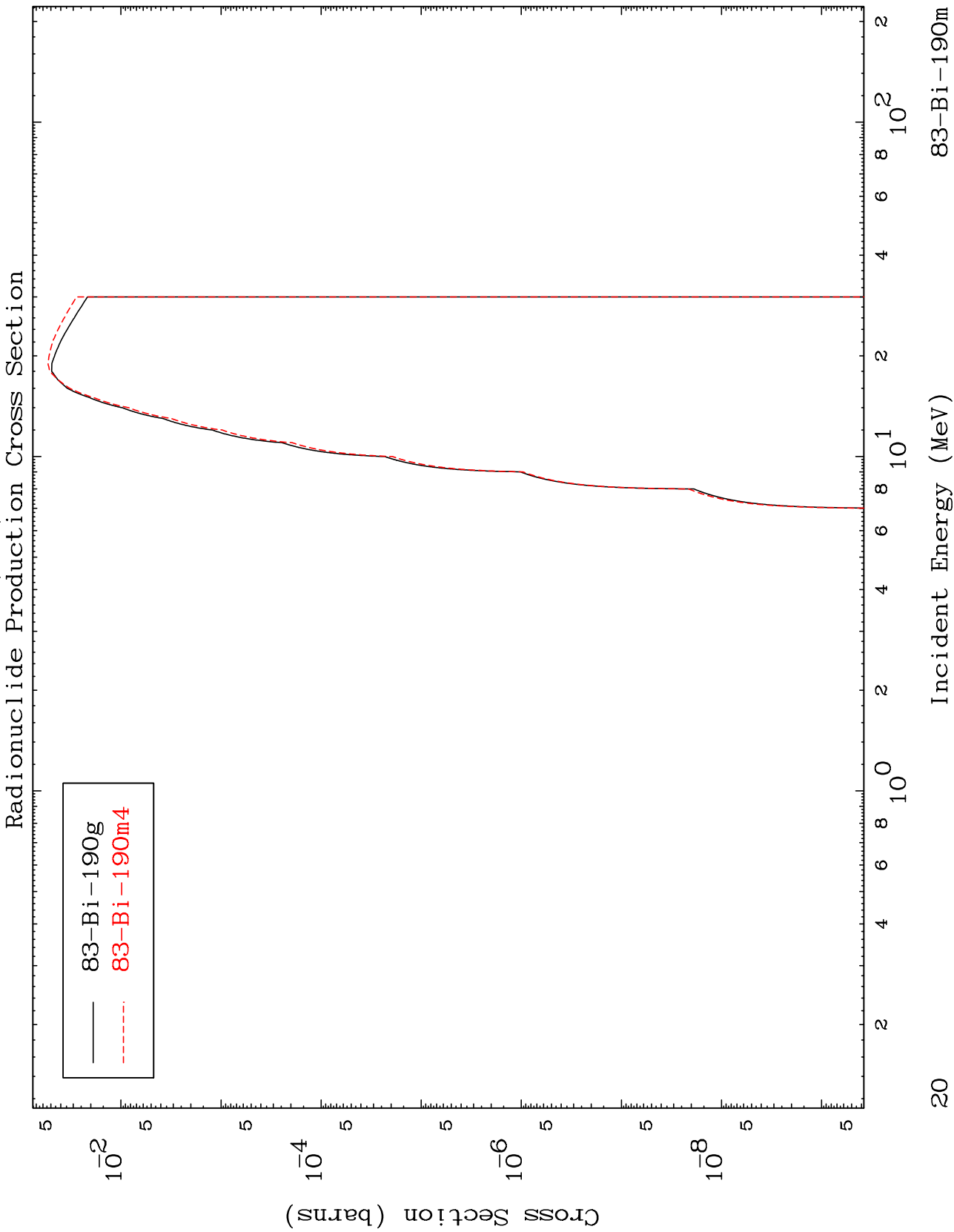


19

⁸³Bi-190m

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$^{83}\text{Bi-190m}$

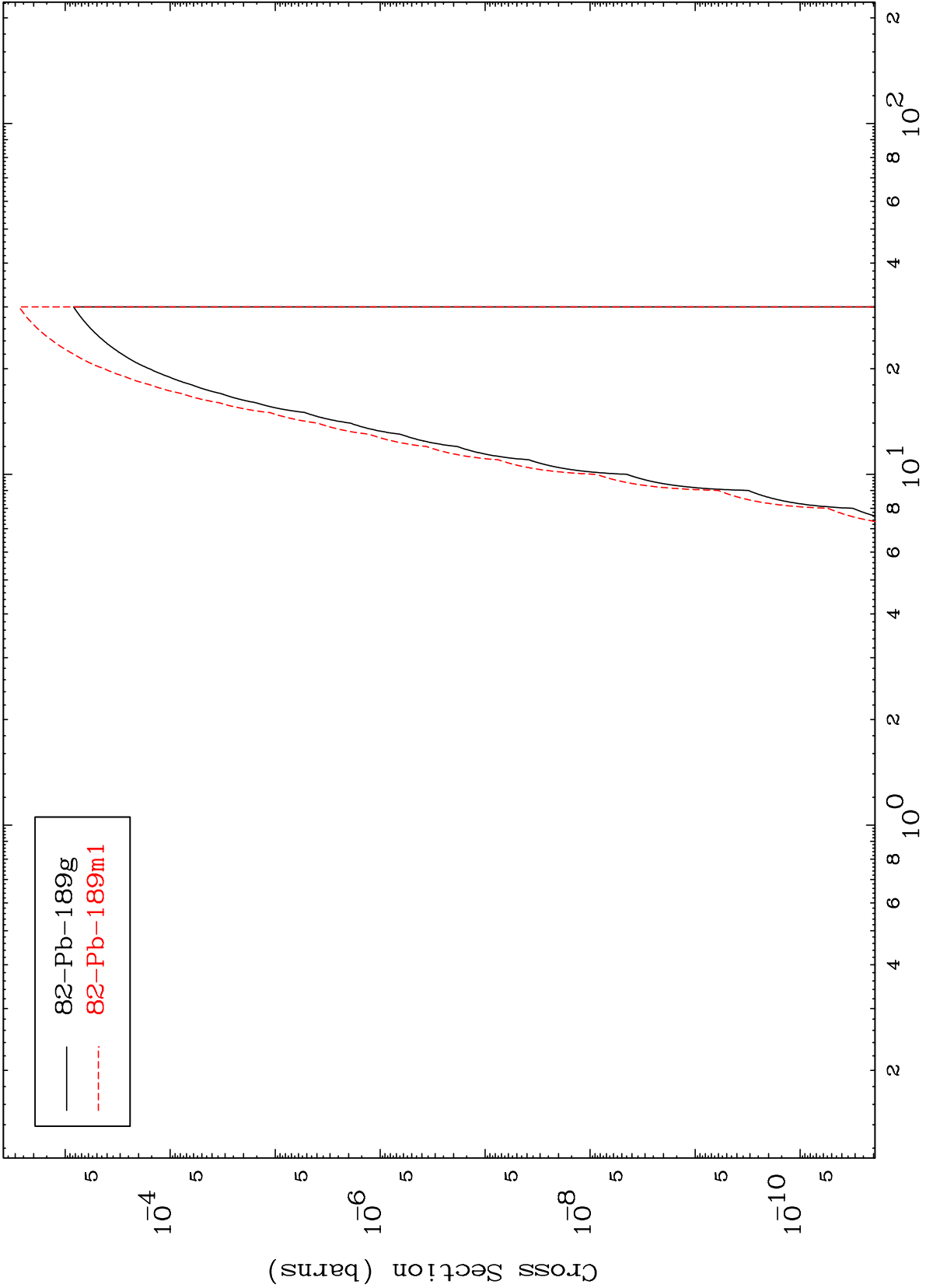


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(n,He-3)

83-Bi-190m

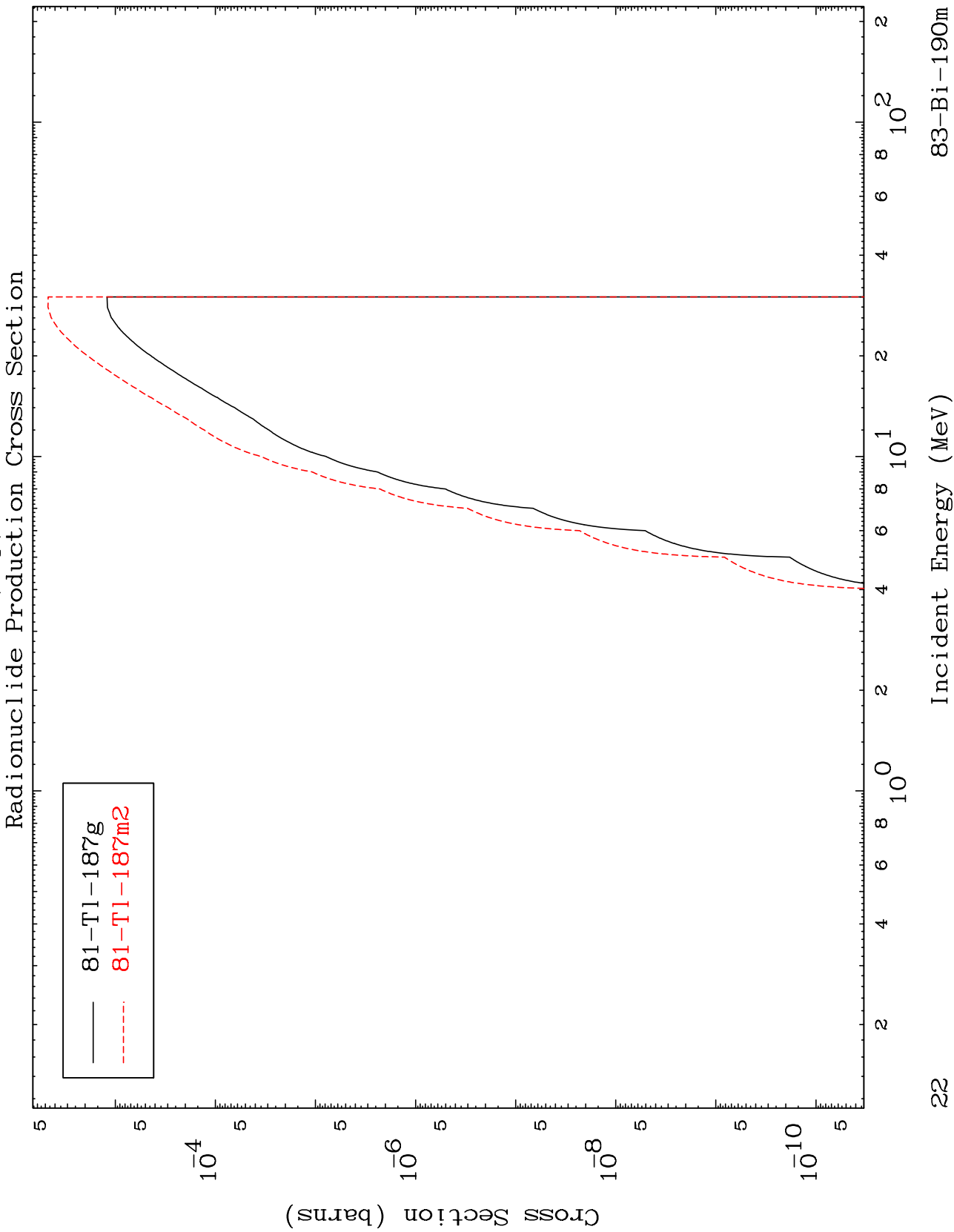
Radionuclide Production Cross Section



MAT 8269

(n,p) α

^{83}Bi -190m

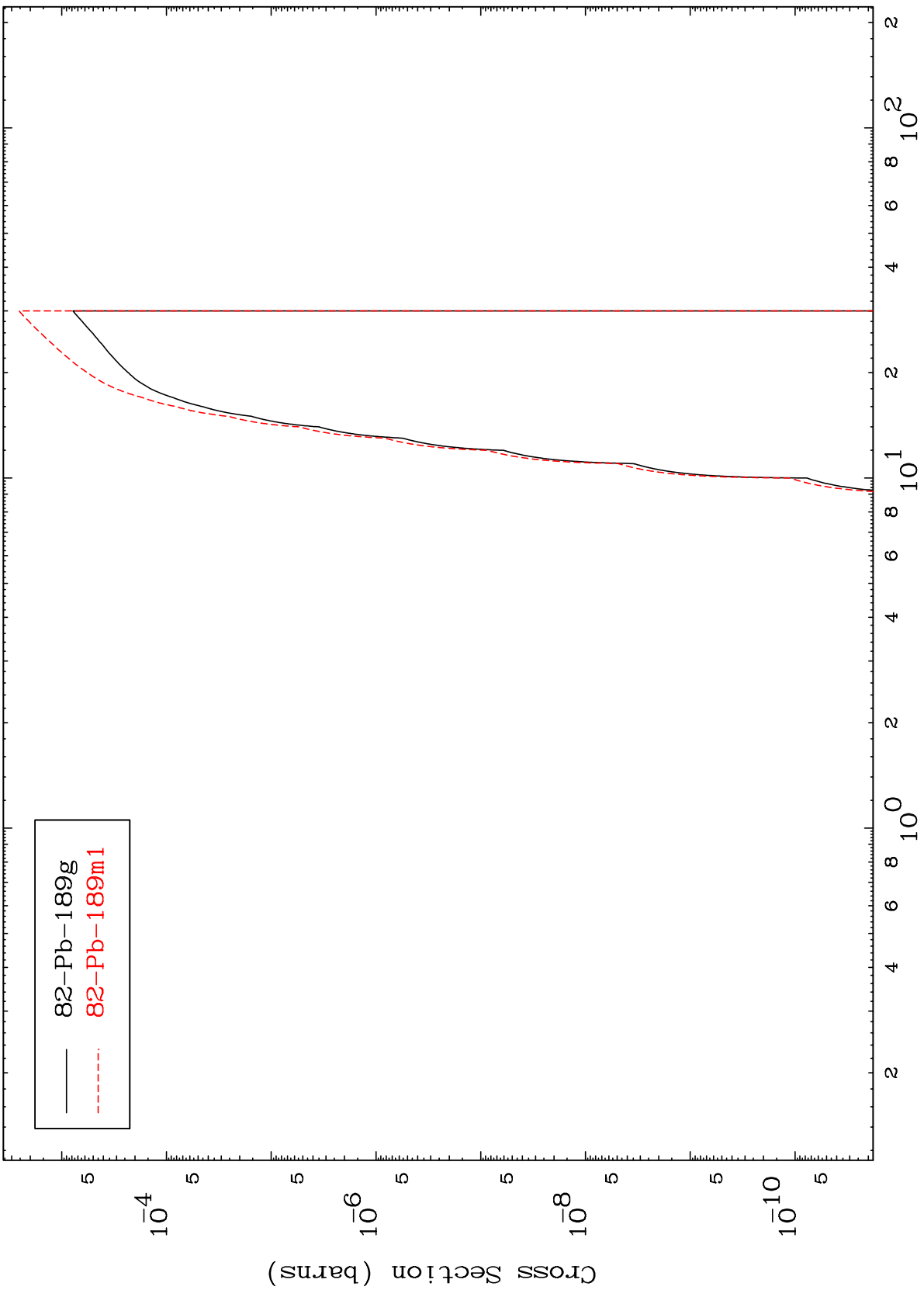


MAT 8269

(n,p) d

⁸³Bi-190m

Radionuclide Production Cross Section



— 82-Pb-189g
- - - 82-Pb-189m1

MAT 8269

(n,d) α

$^{83}\text{Bi}-190\text{m}$

