

Program EVALPLOT
(Version 2021-1)

by

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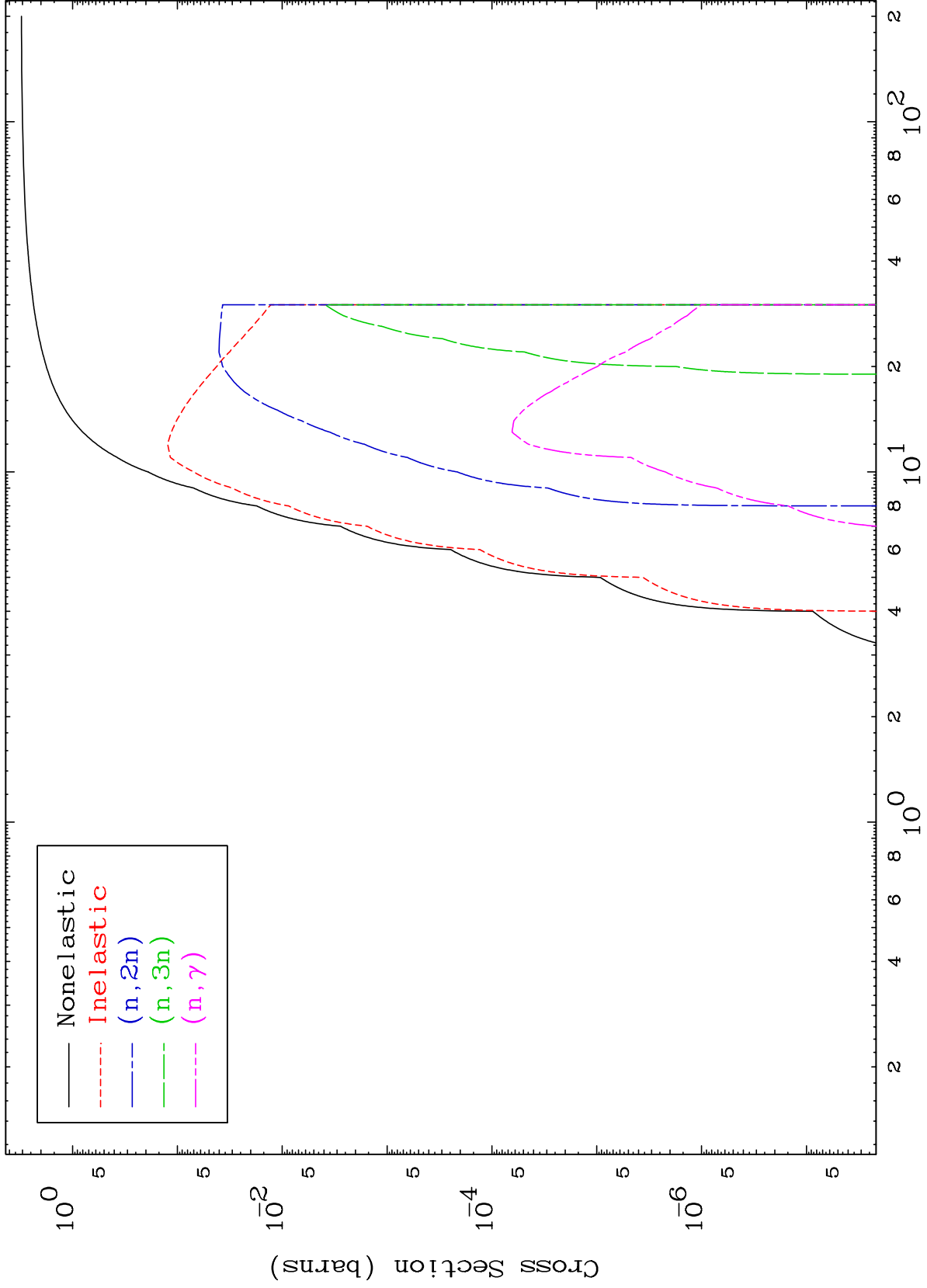
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8281

Deuteron Major
0 Kelvin Cross Sections

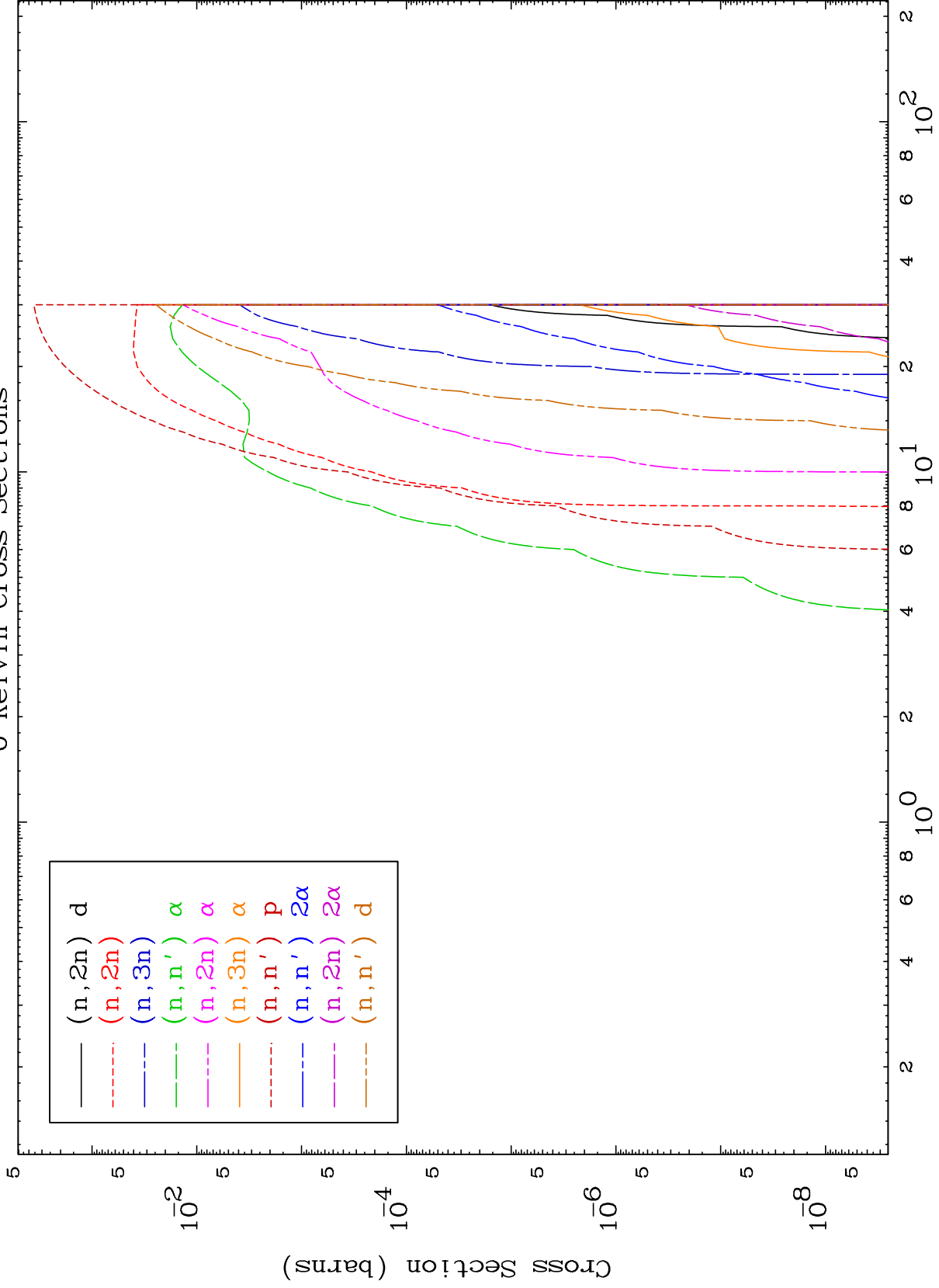
83-Bi-194m

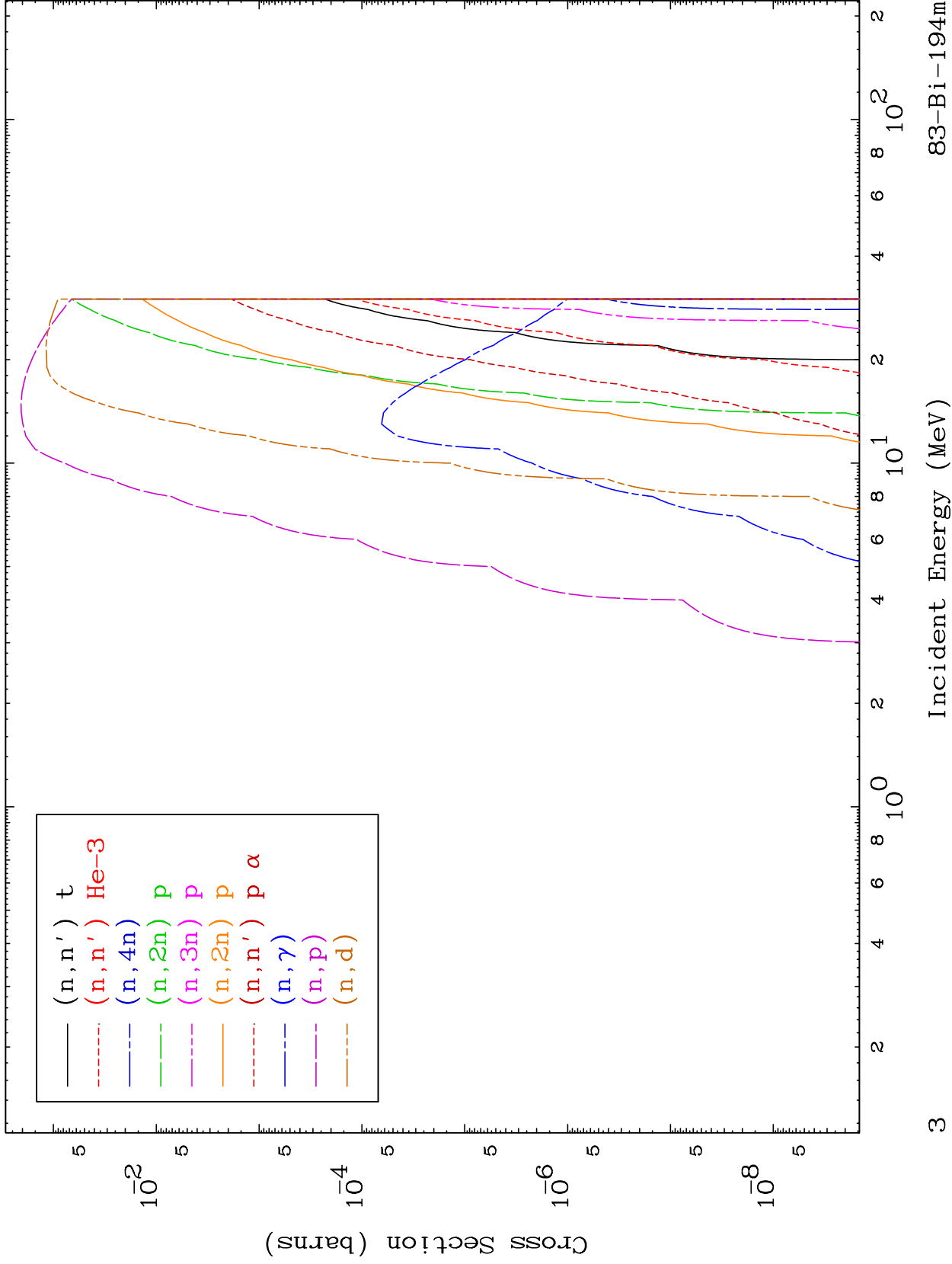


MAT 8281

Deuteron Neutron Absorption
0 Kelvin Cross Sections

83-Bi-194m

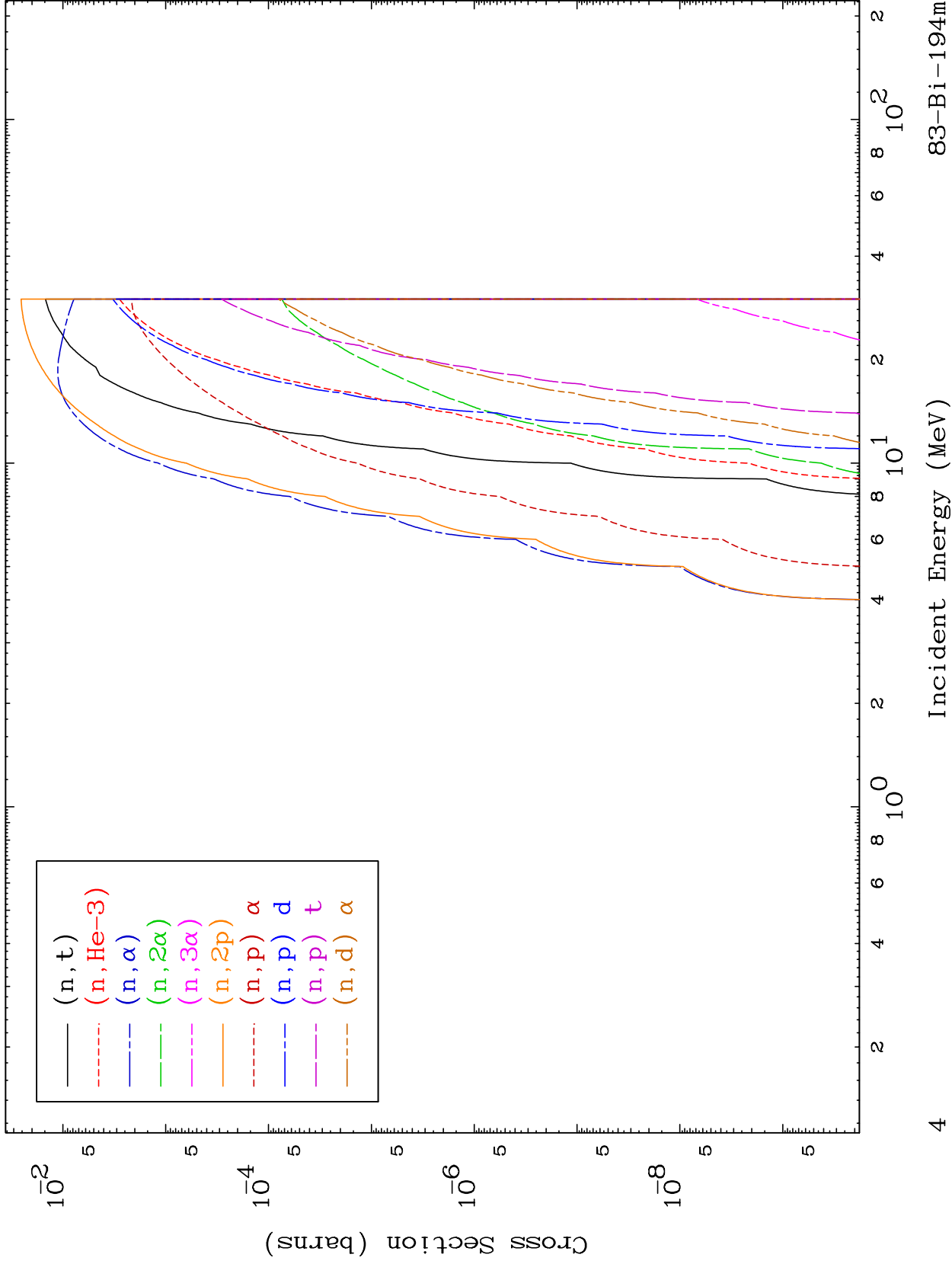




MAT 8281

Deuteron Neutron Absorption
0 Kelvin Cross Sections

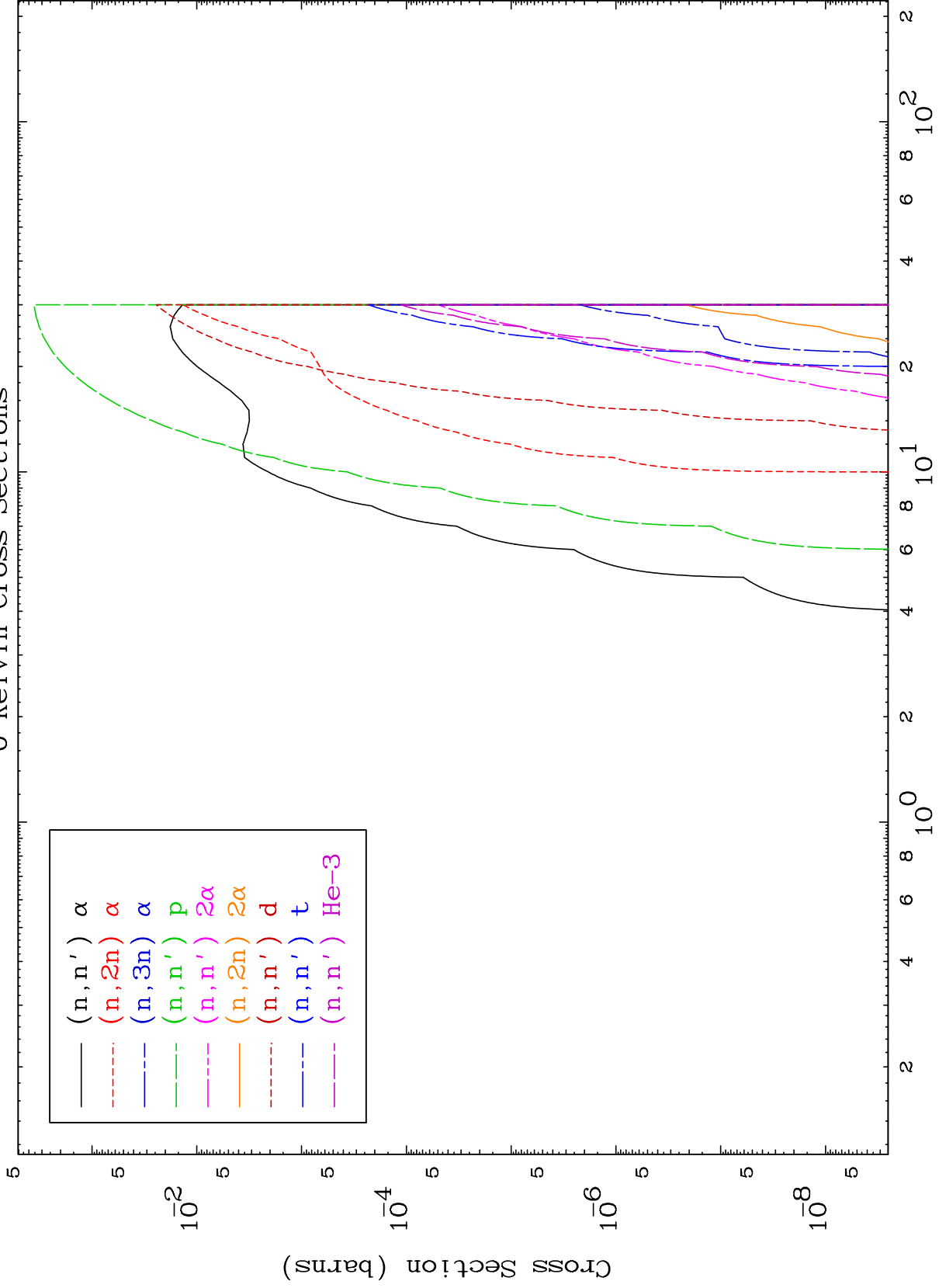
83-Bi-194m



MAT 8281

Deuteron Charged Particle
0 Kelvin Cross Sections

83-Bi-194m



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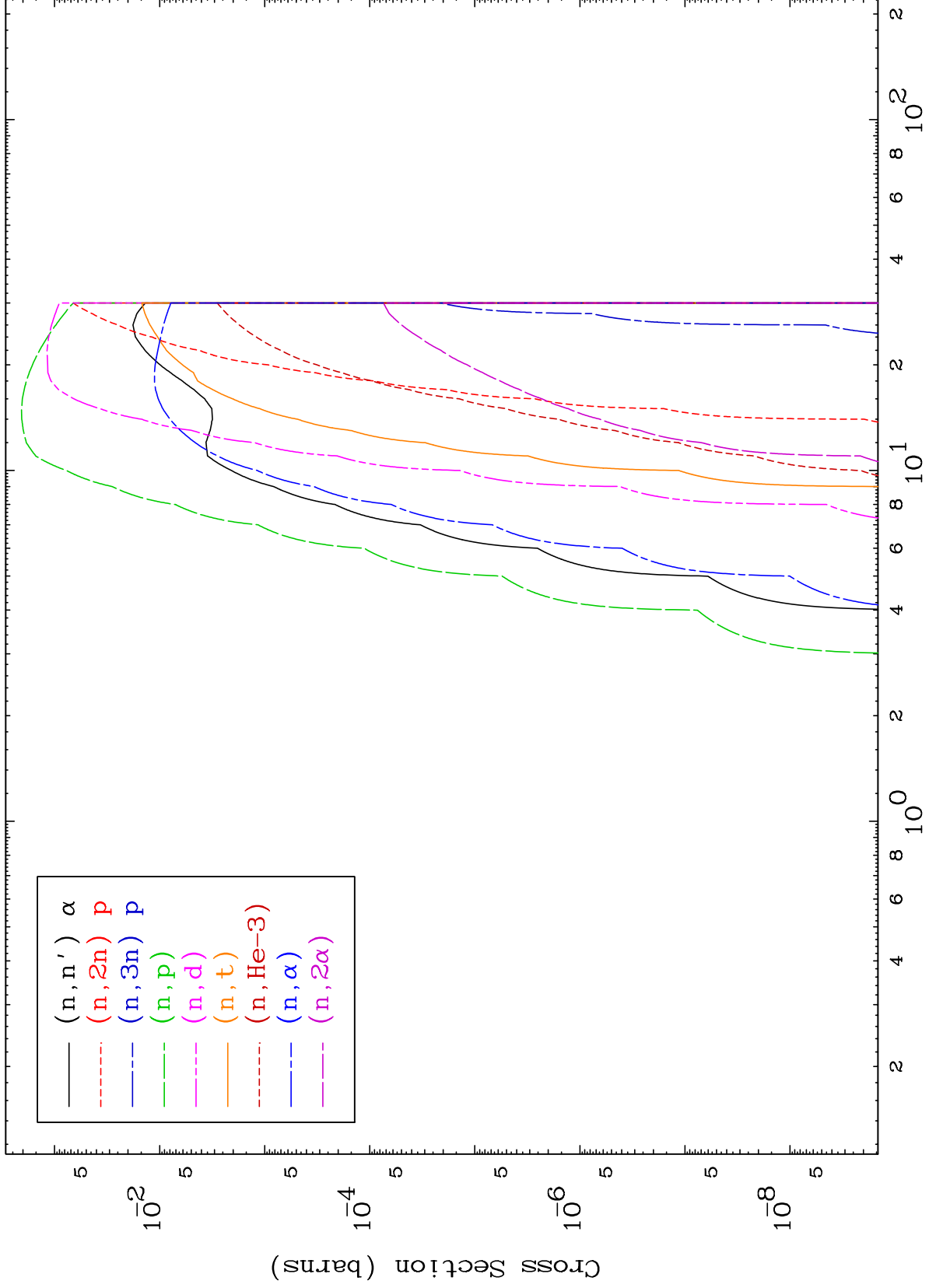
Incident Energy (MeV)

83-Bi-194m

MAT 8281

Deuteron Charged Particle
0 Kelvin Cross Sections

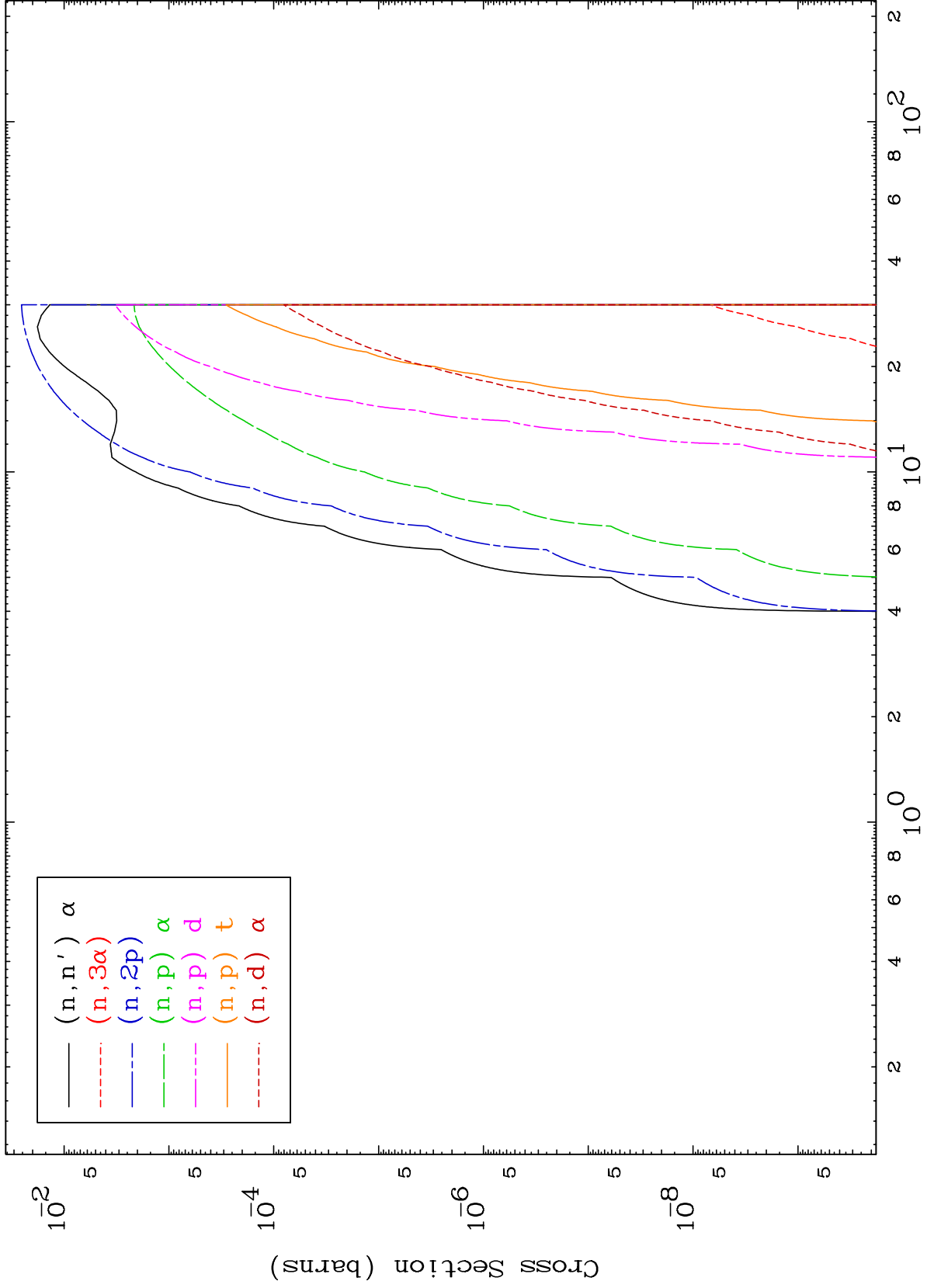
83-Bi-194m



MAT 8281

Deuteron Charged Particle
0 Kelvin Cross Sections

83-Bi-194m

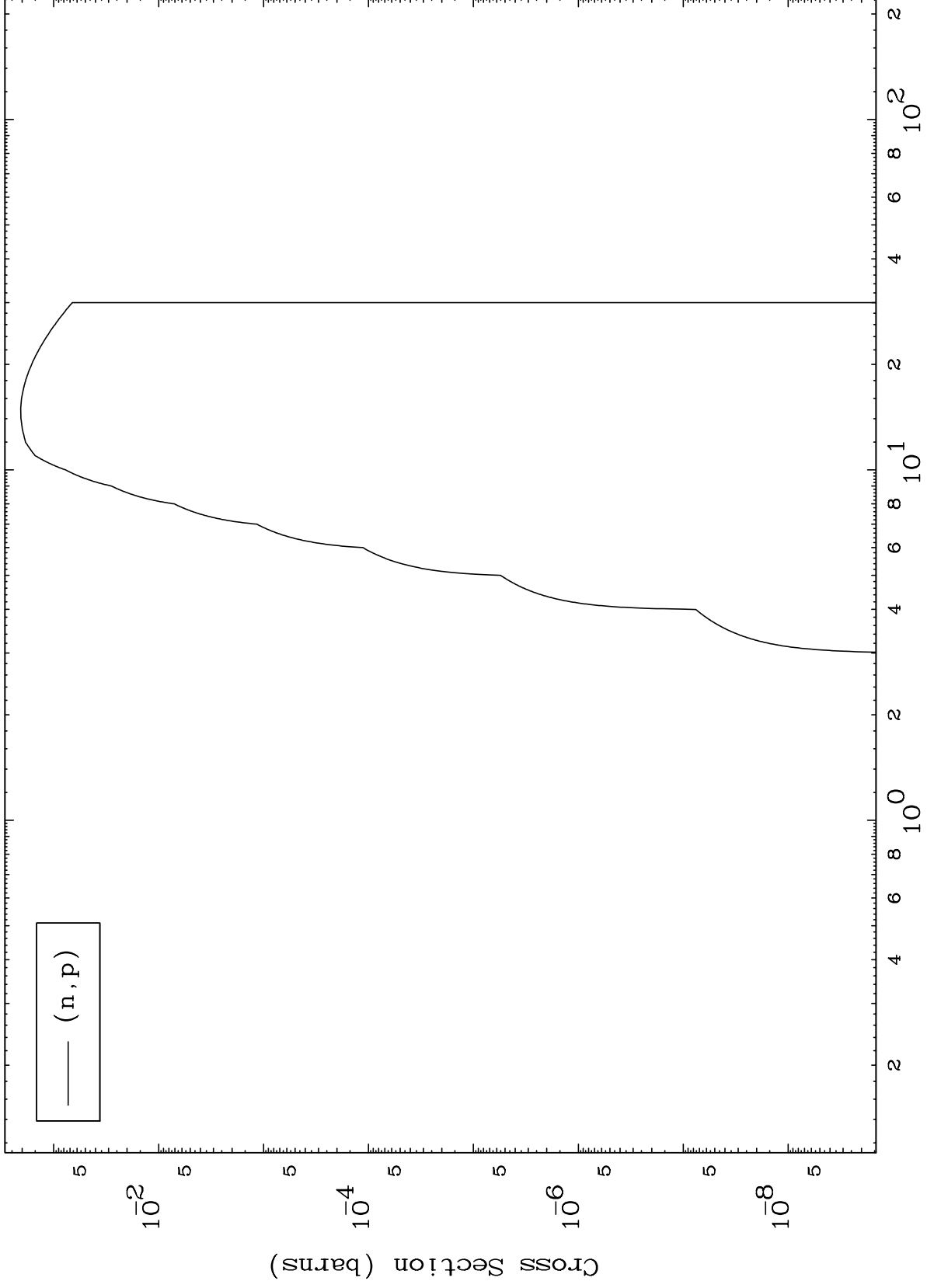


MAT 8281

(d,p) Levels

83-Bi-194m

0 Kelvin Cross Sections

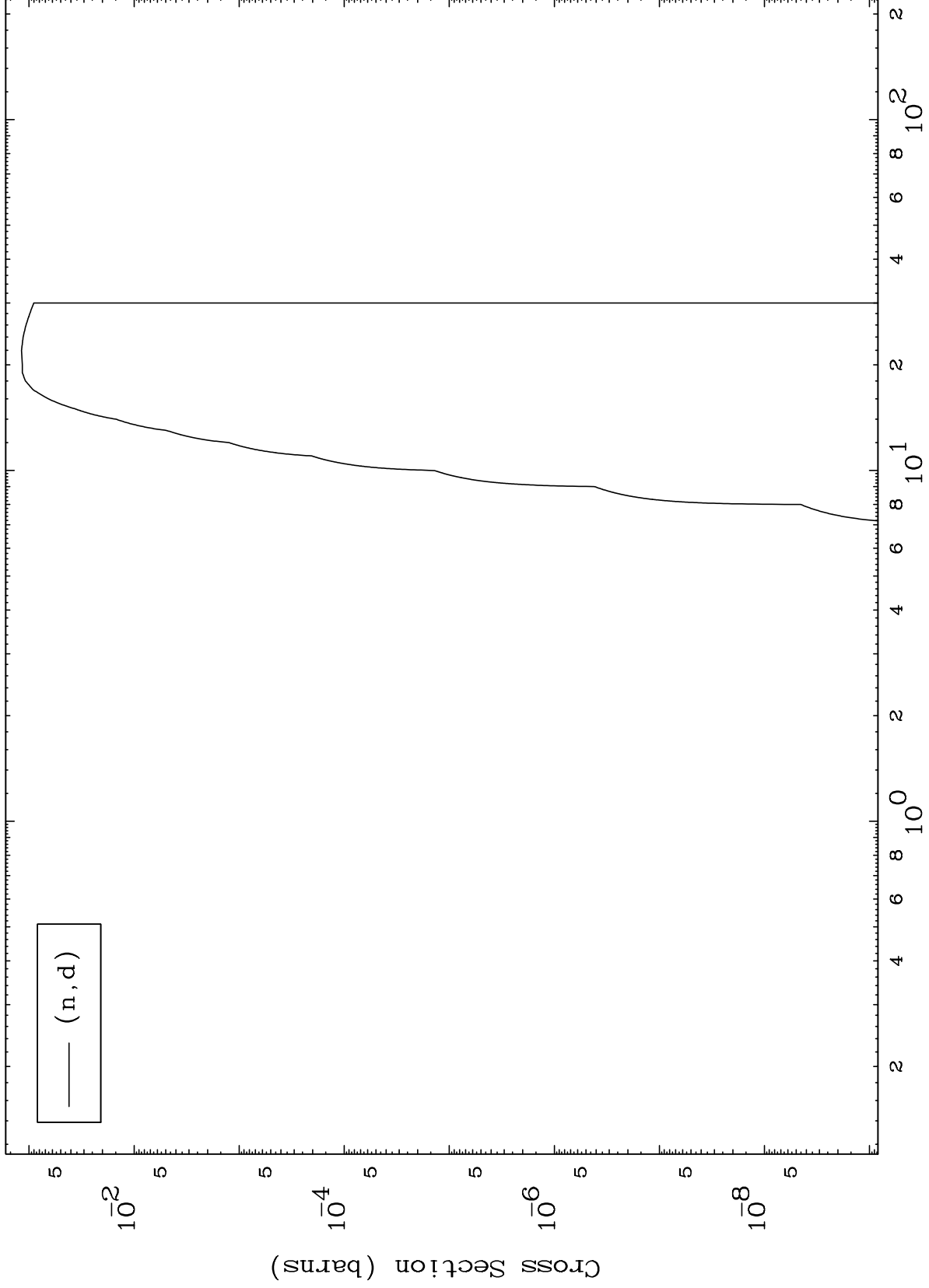


MAT 8281

(d,d) Levels

83-Bi-194m

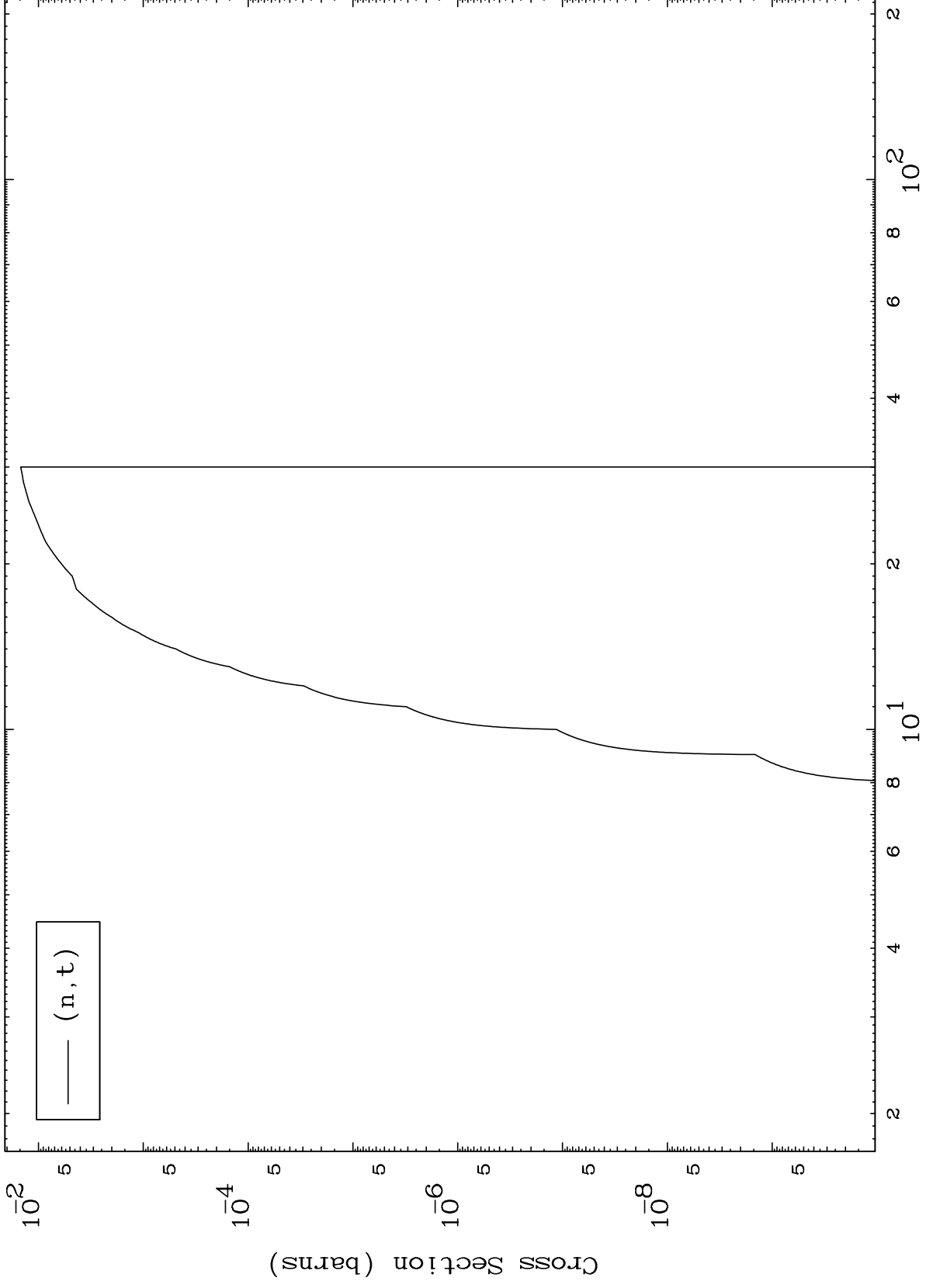
0 Kelvin Cross Sections



MAT 8281

(d,t) Levels
0 Kelvin Cross Sections

83-Bi-194m



10

Incident Energy (MeV)

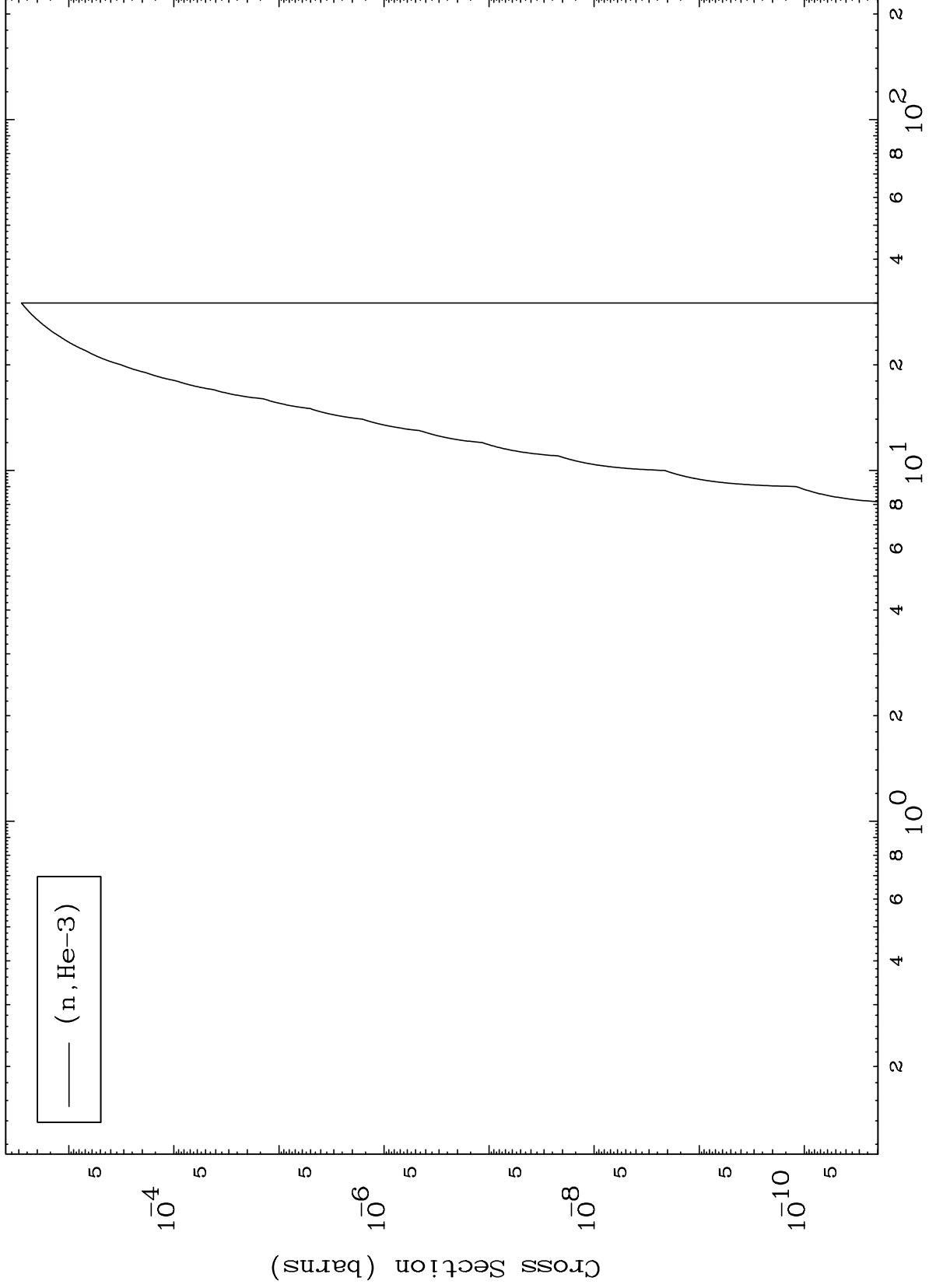
83-Bi-194m

MAT 8281

(d,He3) Levels

83-Bi-194m

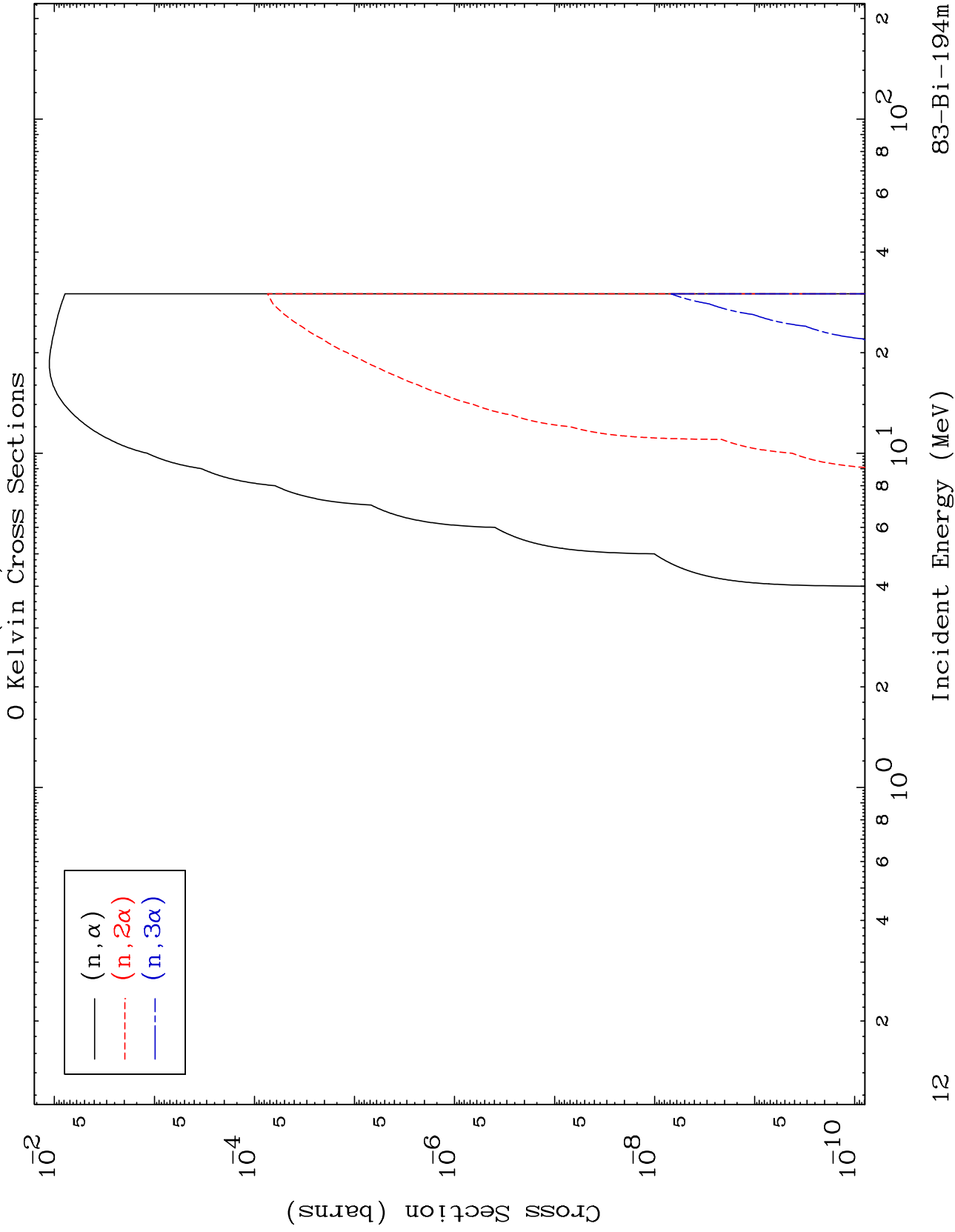
0 Kelvin Cross Sections



MAT 8281

(d, α) Levels

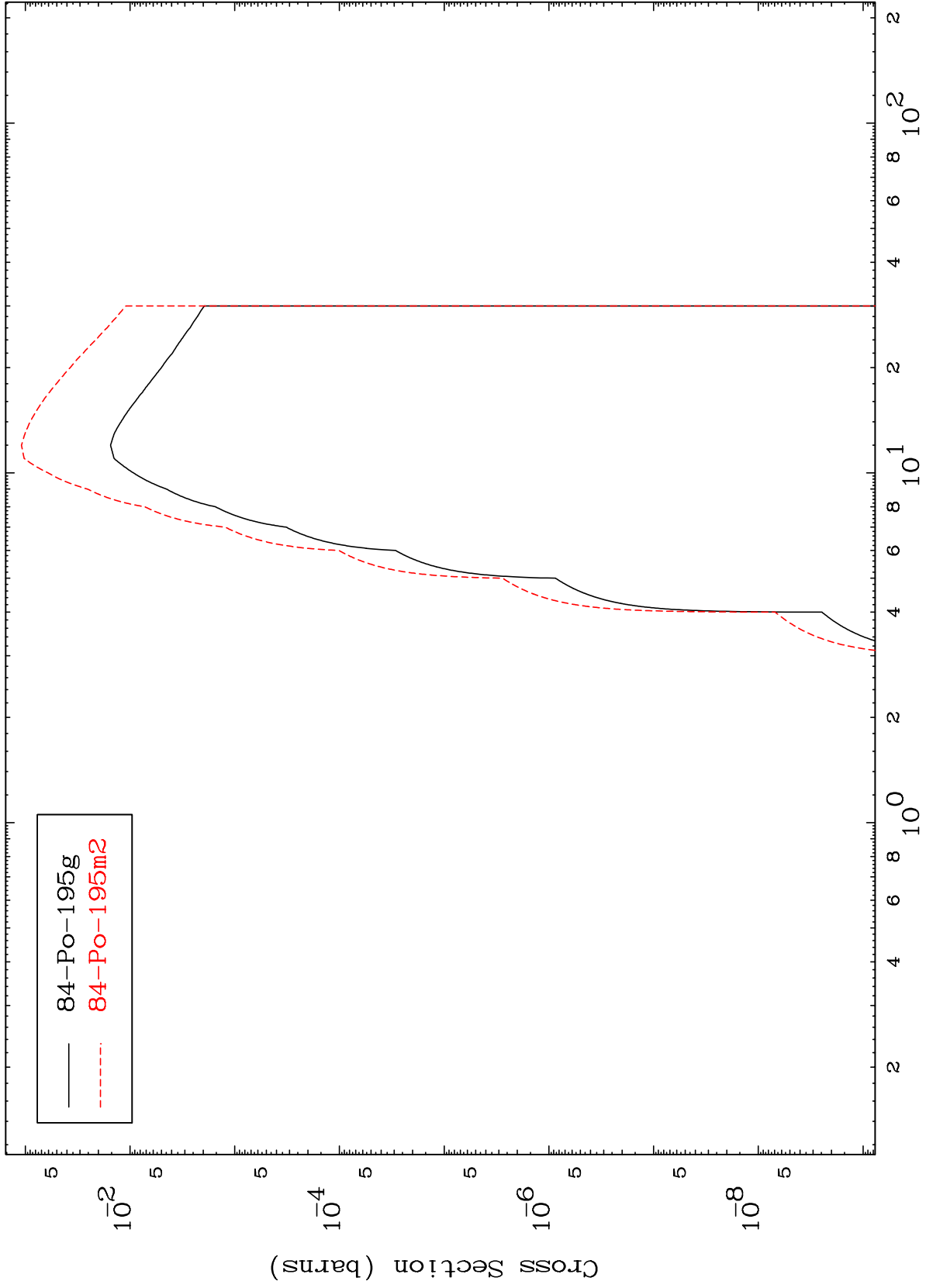
$^{83}\text{Bi}-194\text{m}$



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83-Bi-194m

Inelastic
Radionuclide Production Cross Section



83-Bi-194m

Incident Energy (MeV)

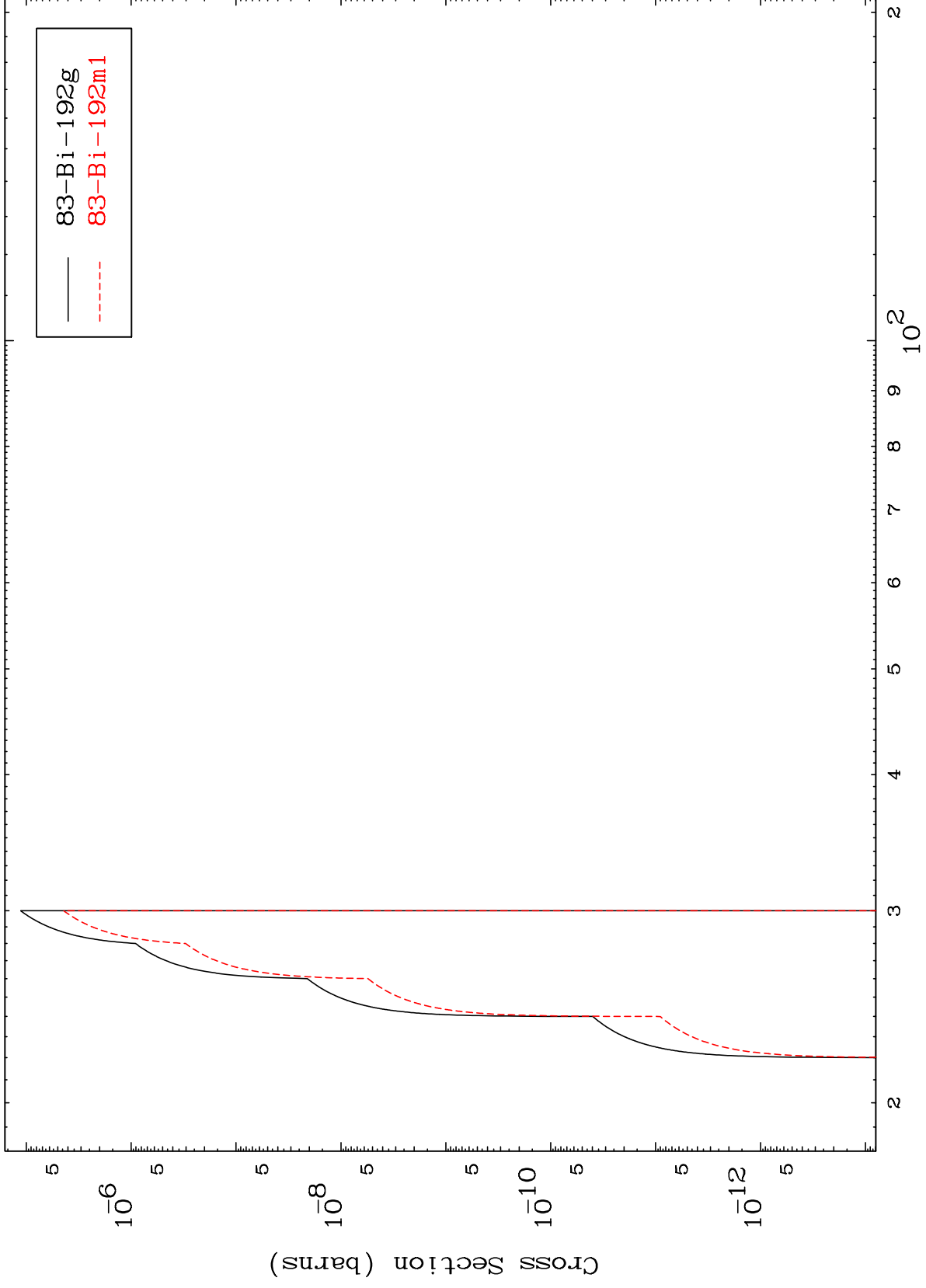
13

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(n,2n) d

83-Bi-194m

Radionuclide Production Cross Section



14

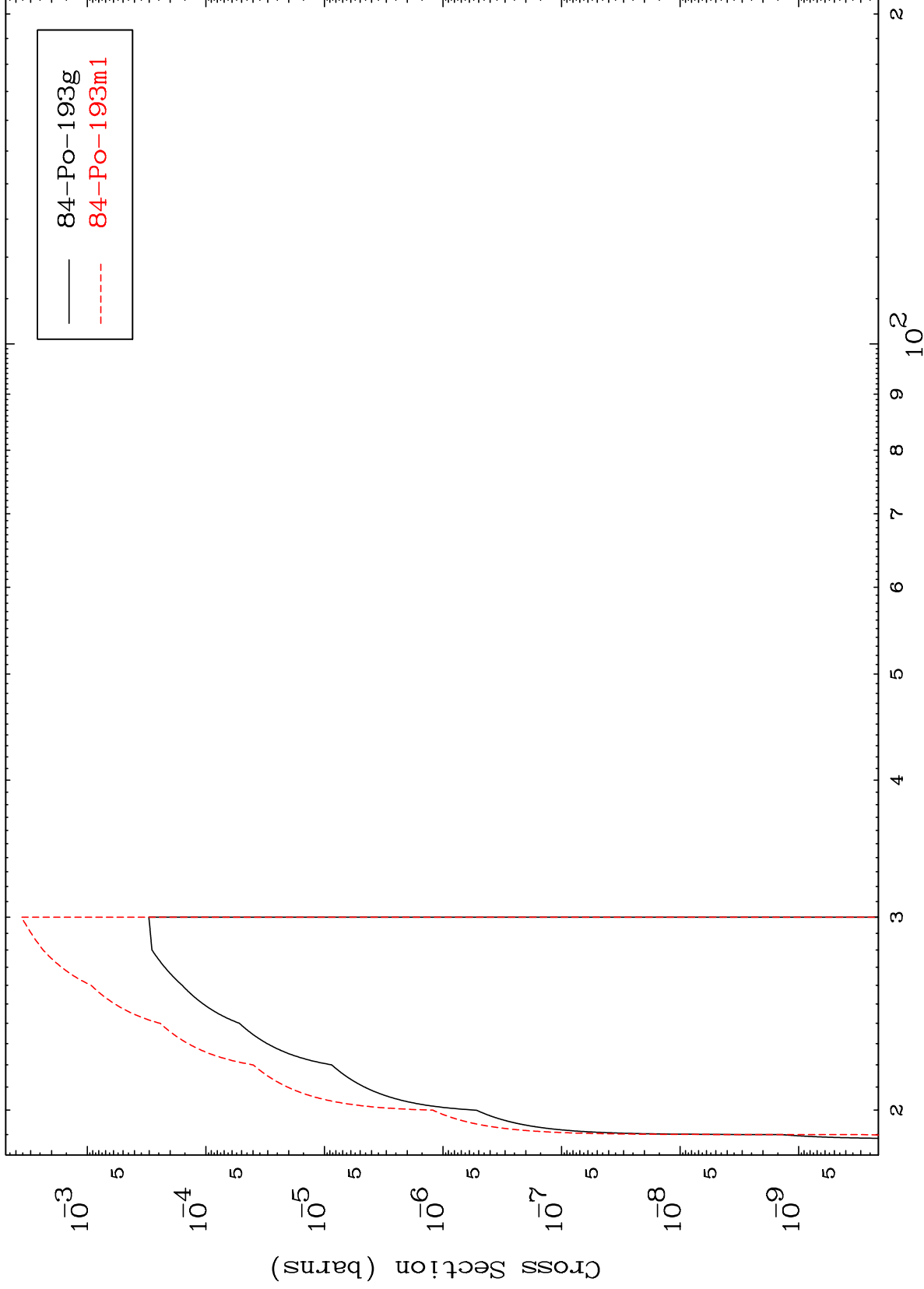
Incident Energy (MeV)

83-Bi-194m

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83-Bi-194m

(n,3n)
Radionuclide Production Cross Section



15

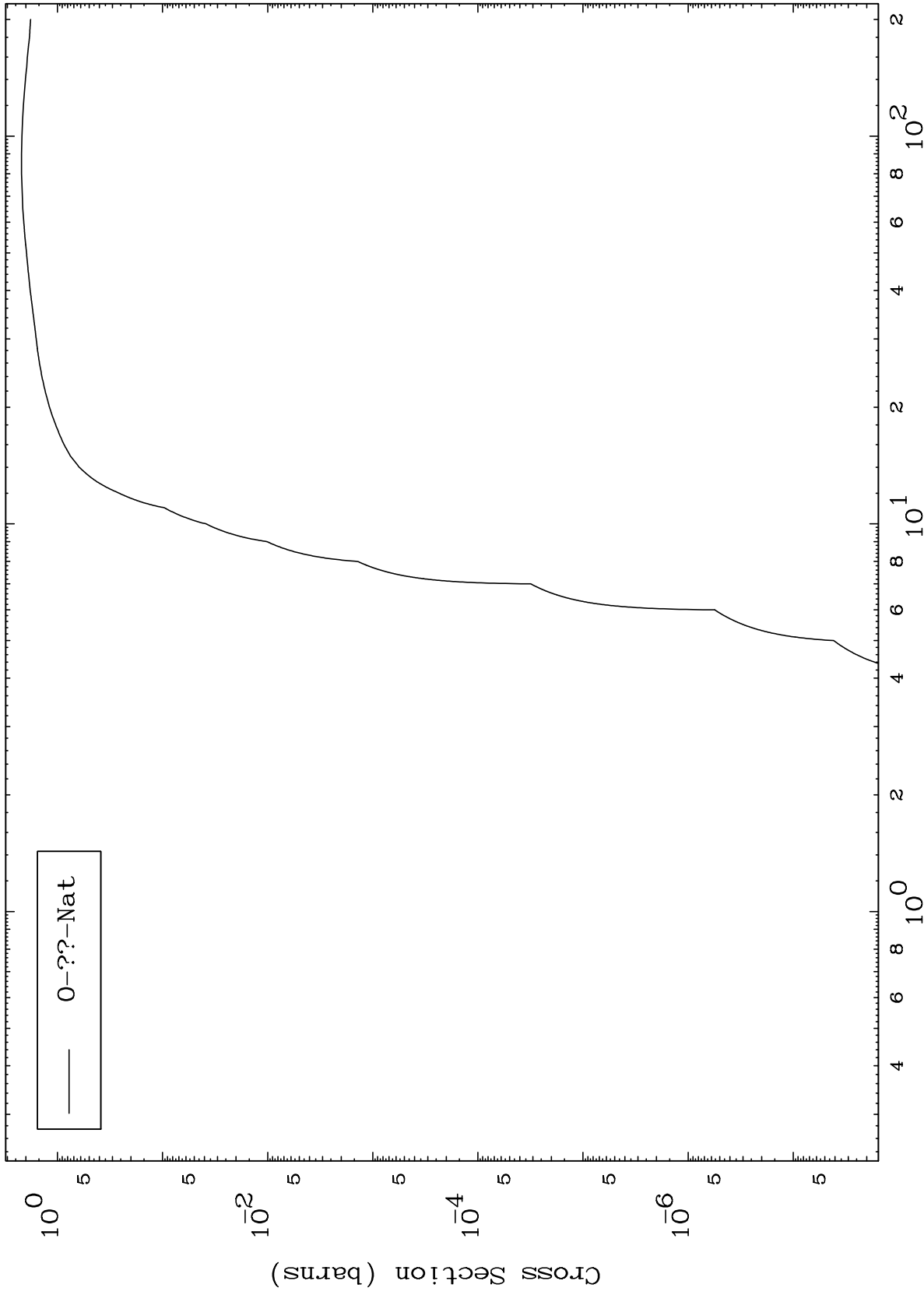
Incident Energy (MeV)

83-Bi-194m

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83-Bi-194m

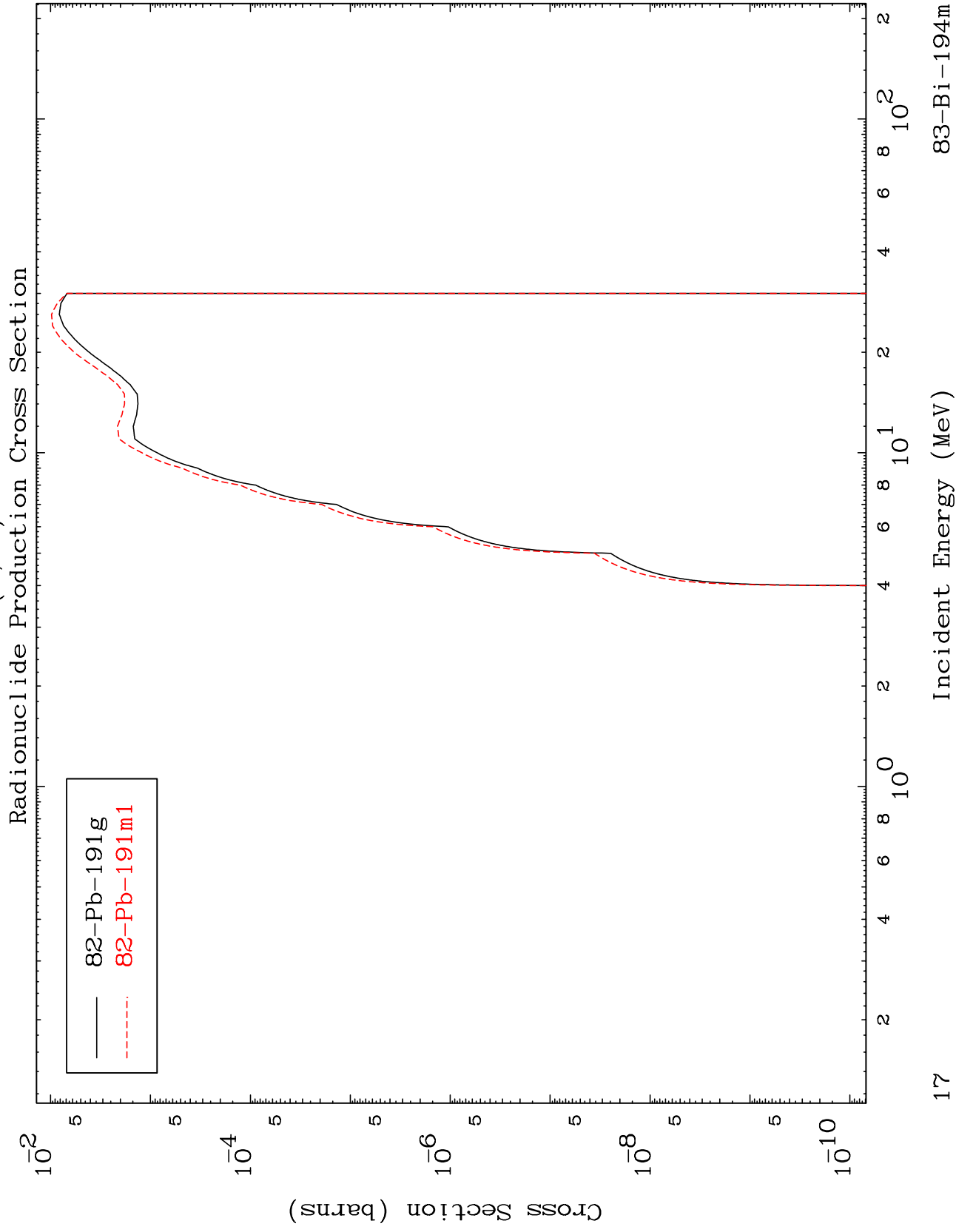
Fission
Radionuclide Production Cross Section



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$(n, n') \alpha$

83-Bi-194m

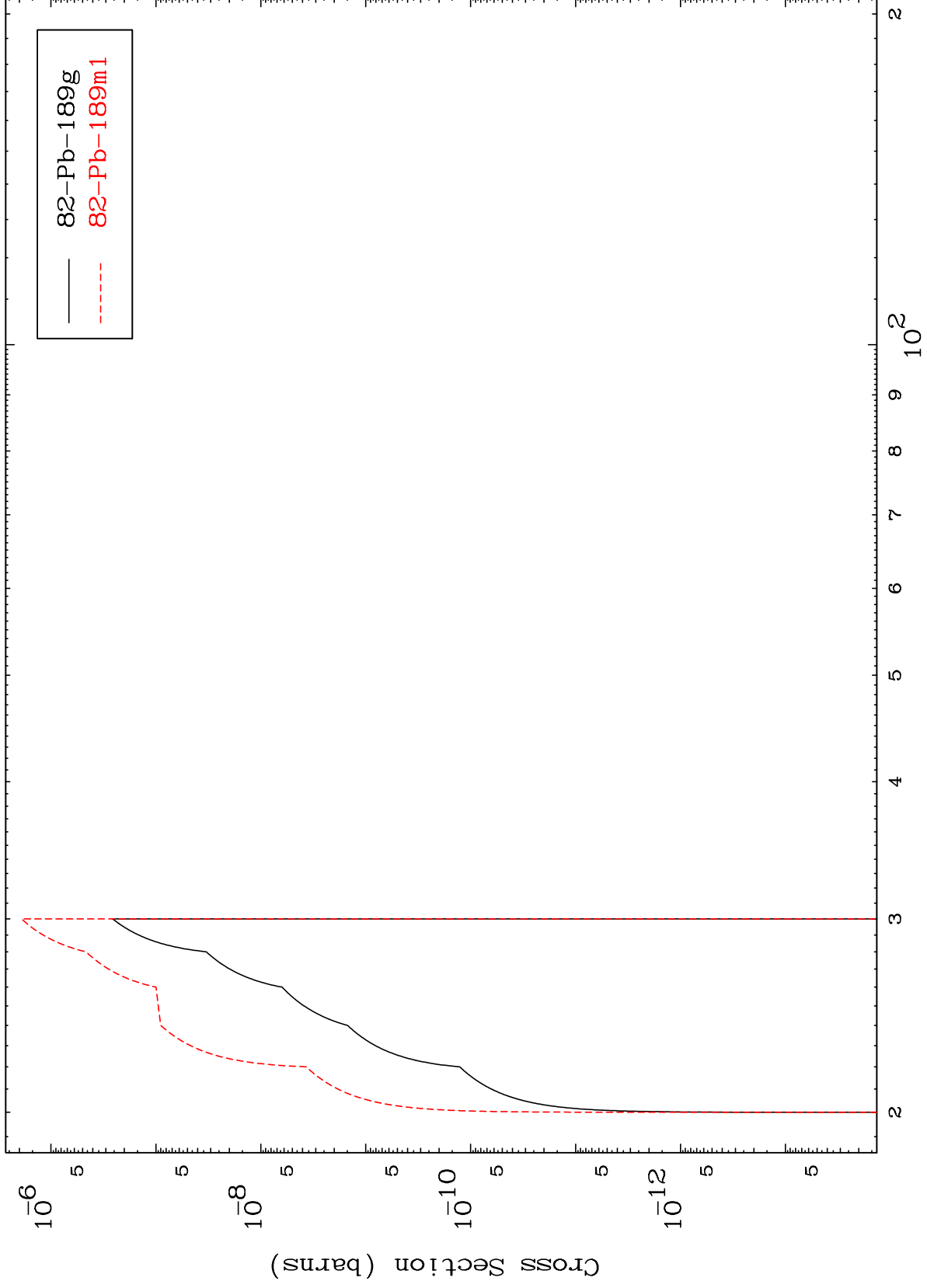


MAT 8281

$(n,3n) \alpha$

83-Bi-194m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

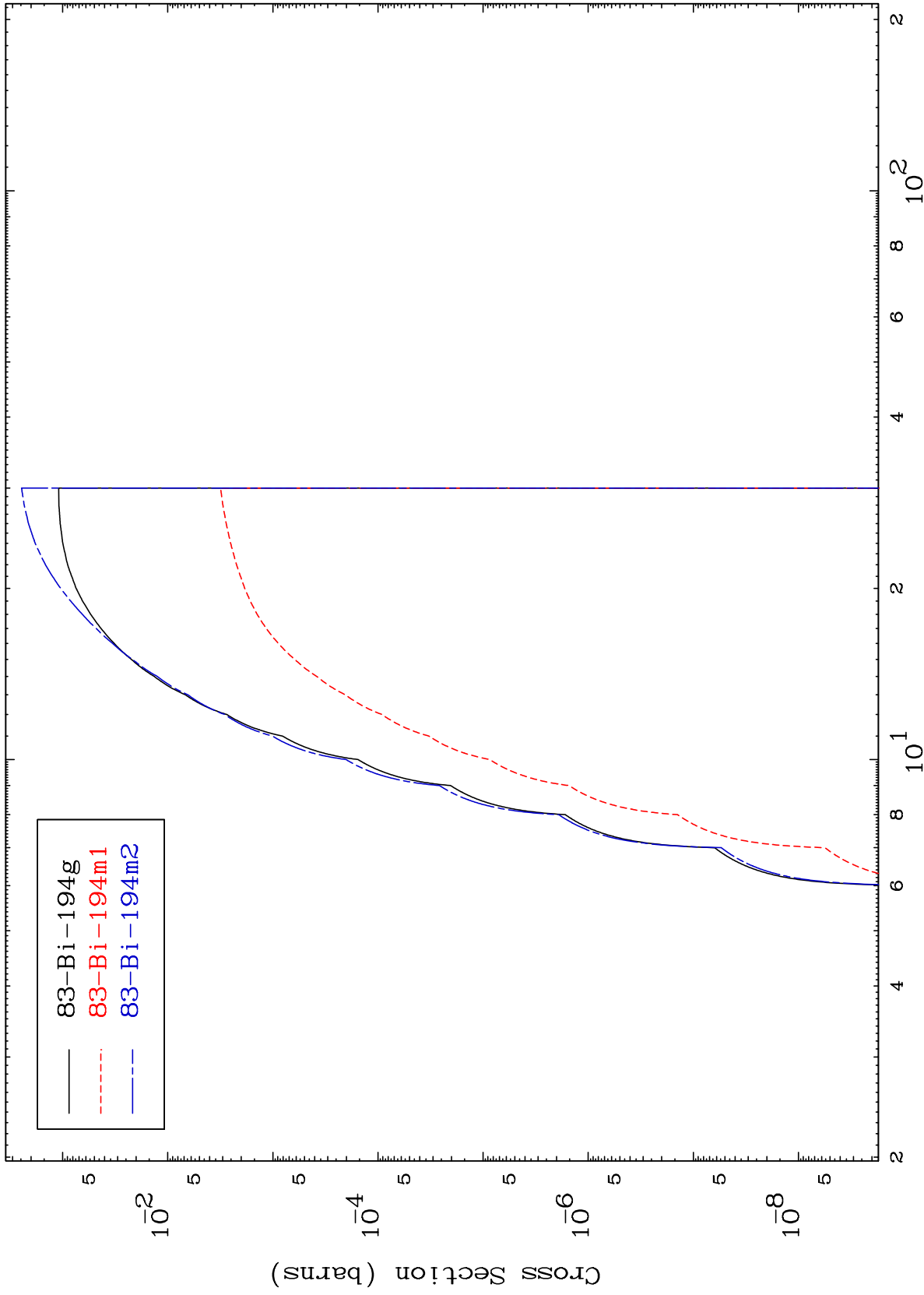
83-Bi-194m

MAT 8281

⁸³Bi-194m

(n,n') p

Radionuclide Production Cross Section



19

⁸³Bi-194m

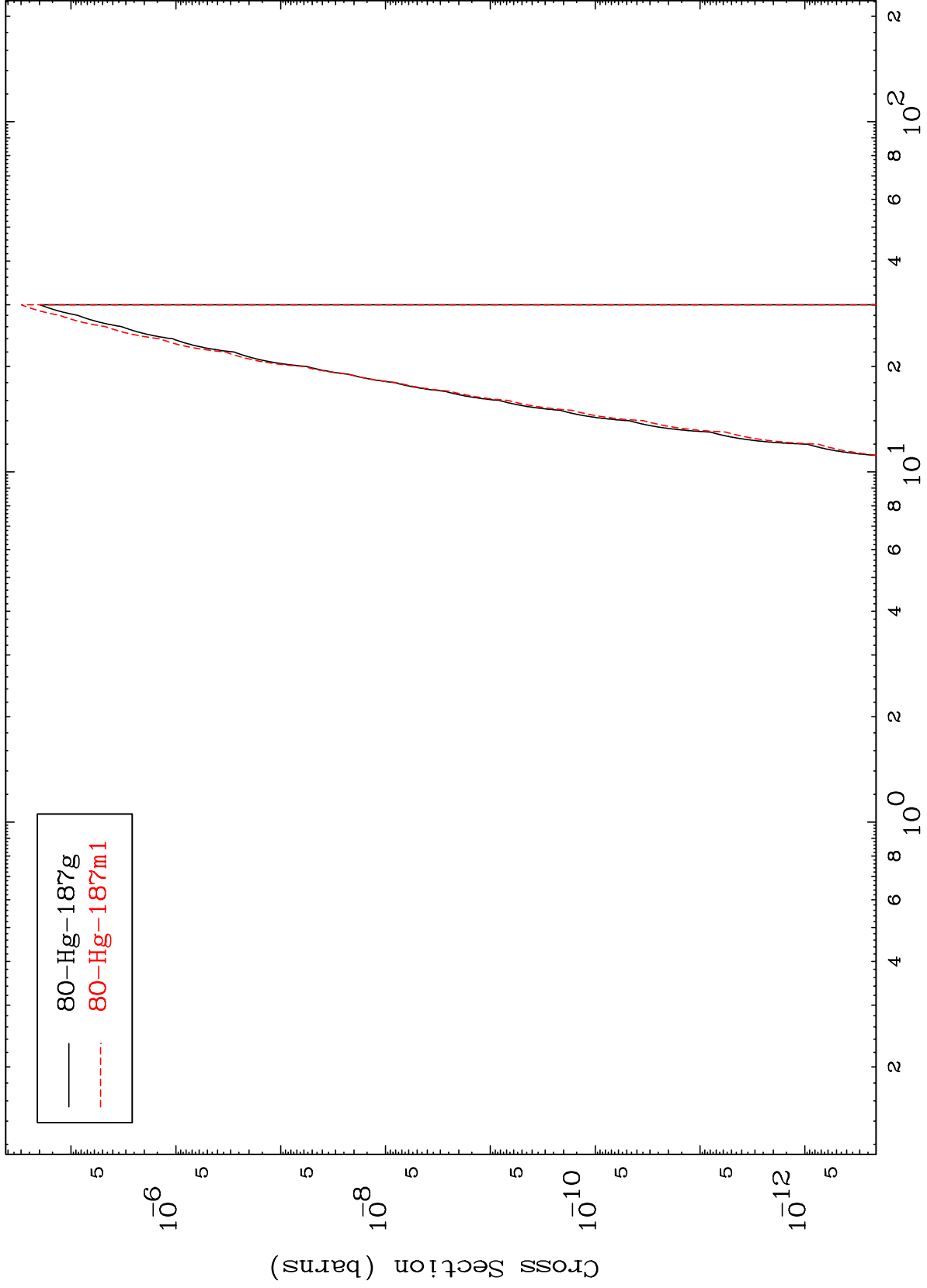
Incident Energy (MeV)

MAT 8281

(n,n') 2α

83-Bi-194m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

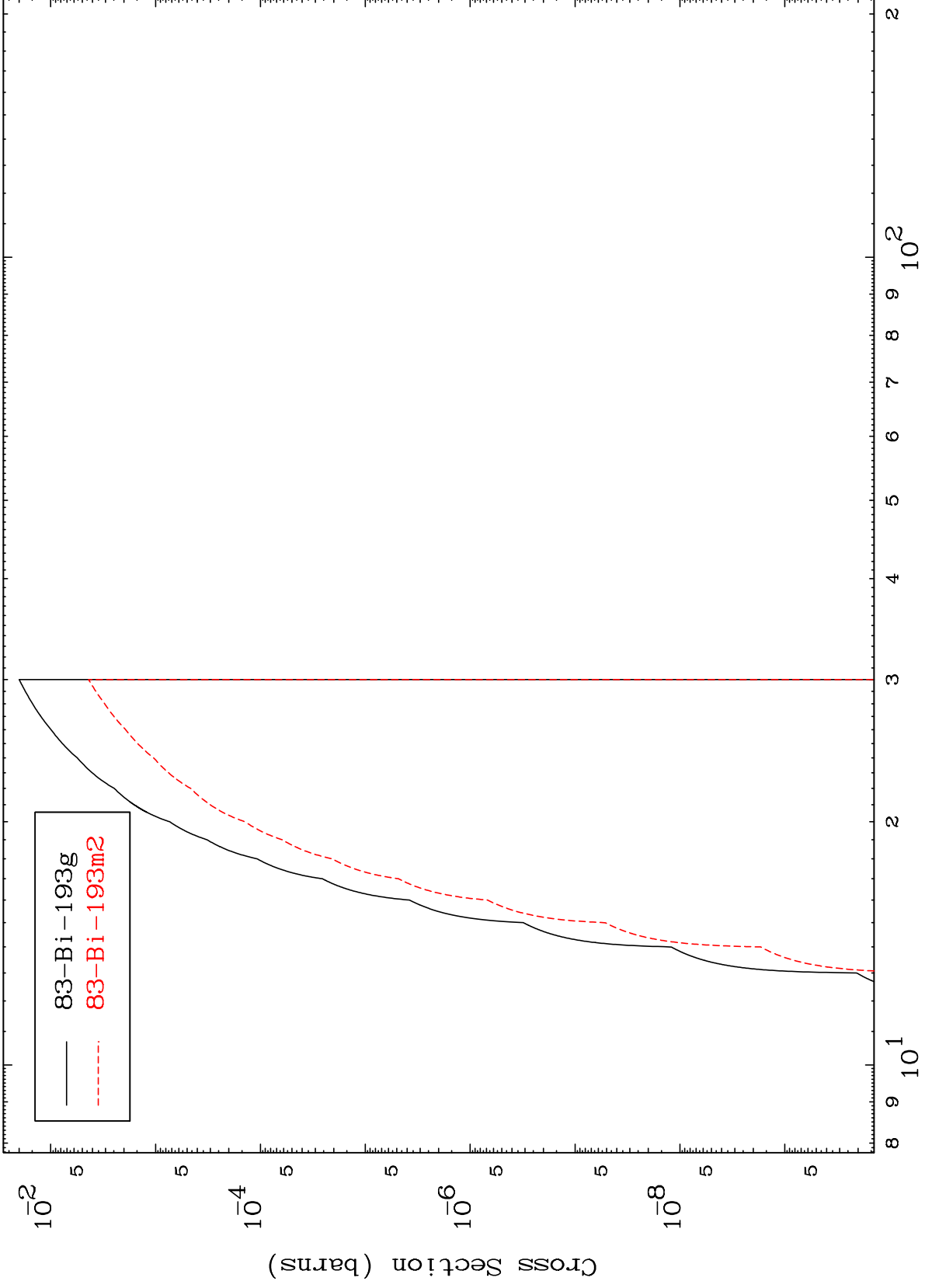
83-Bi-194m

MAT 8281

(n,n') d

83-Bi-194m

Radionuclide Production Cross Section



21

Incident Energy (MeV)

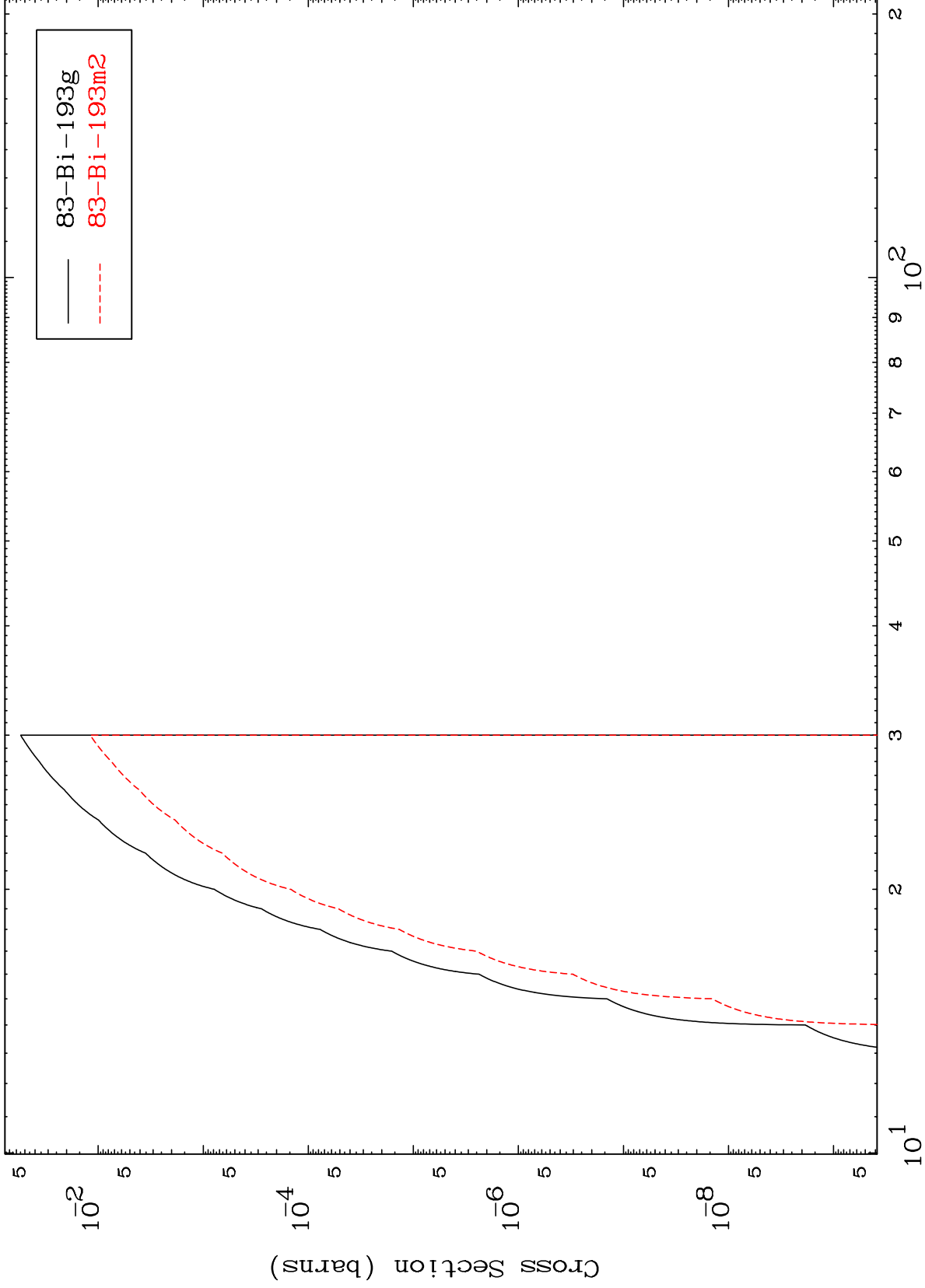
83-Bi-194m

MAT 8281

$(n,2n)$ p

$^{83}\text{Bi}-194\text{m}$

Radionuclide Production Cross Section



Incident Energy (MeV)

$^{83}\text{Bi}-194\text{m}$

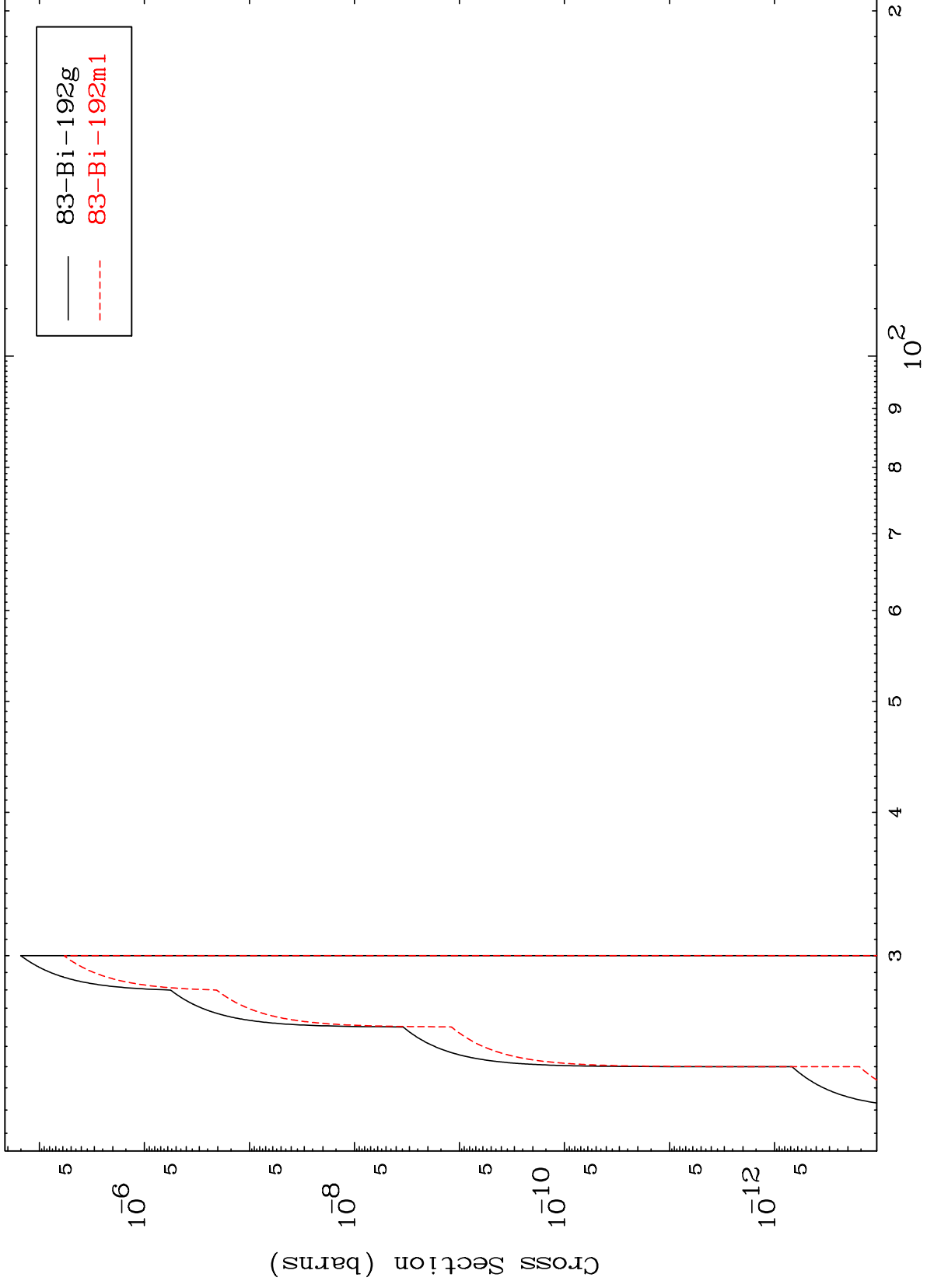
23

MAT 8281

(n,3n) p

83-Bi-194m

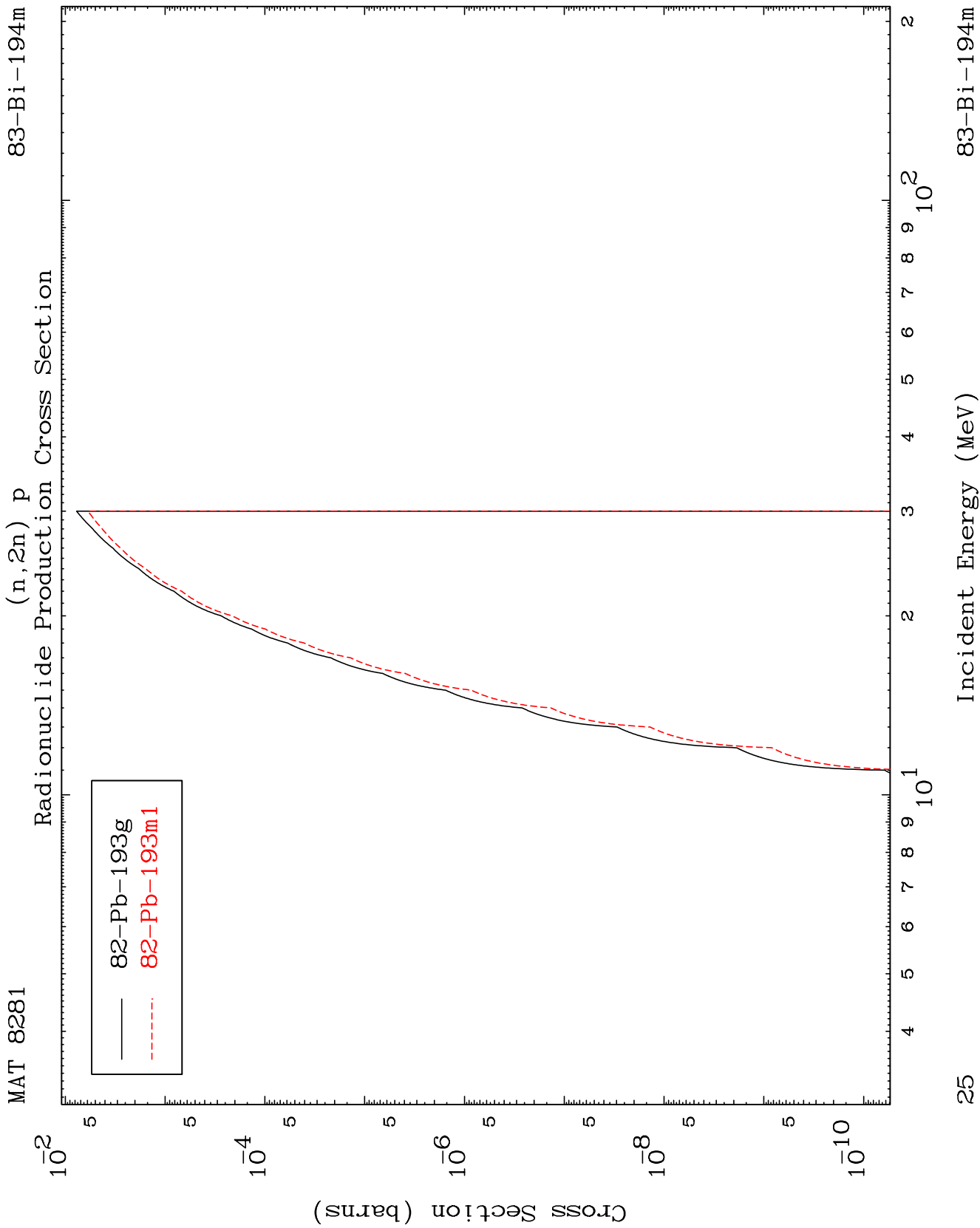
Radionuclide Production Cross Section



24

Incident Energy (MeV)

83-Bi-194m

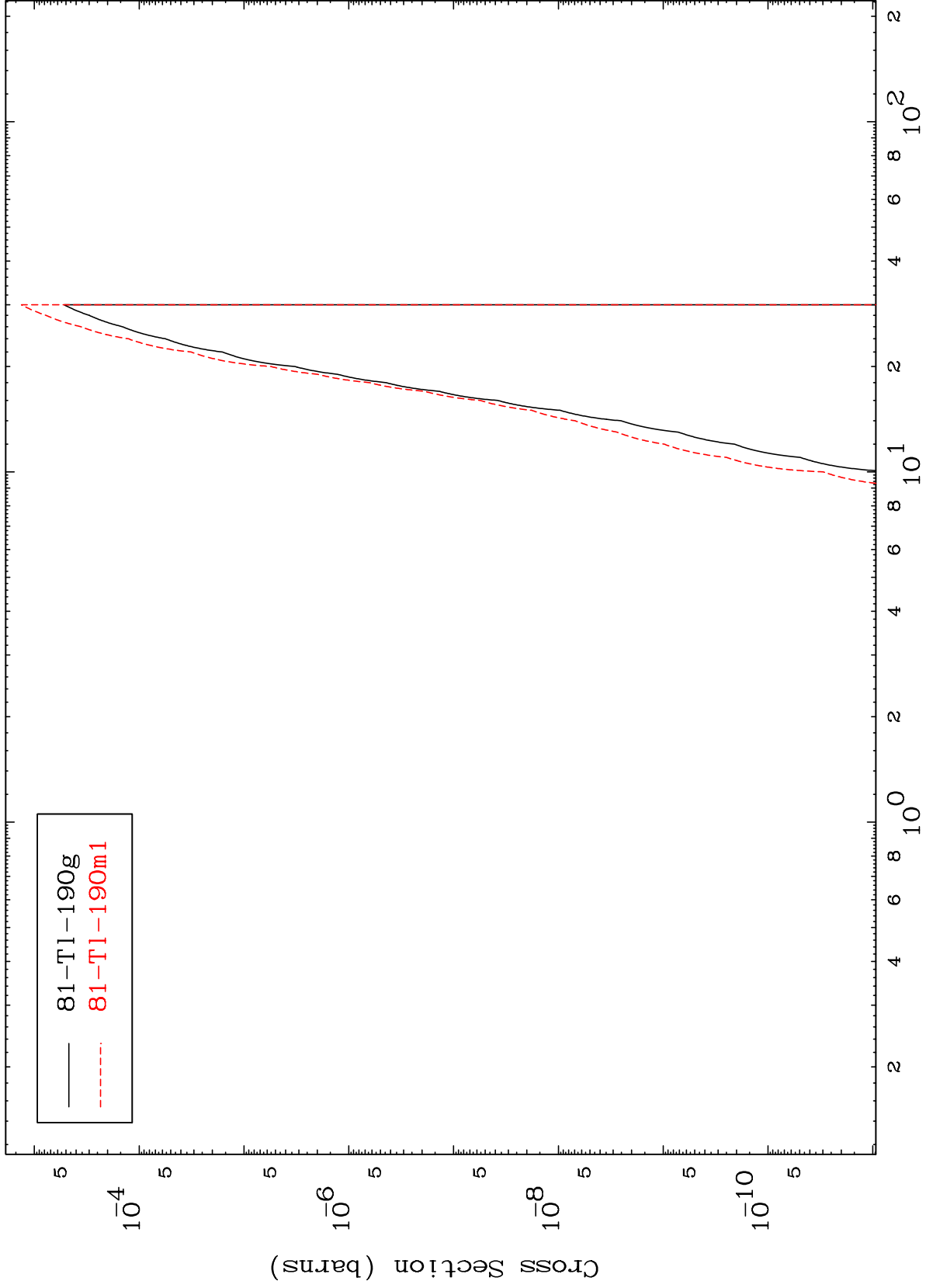


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(n,n') p α

83-Bi-194m

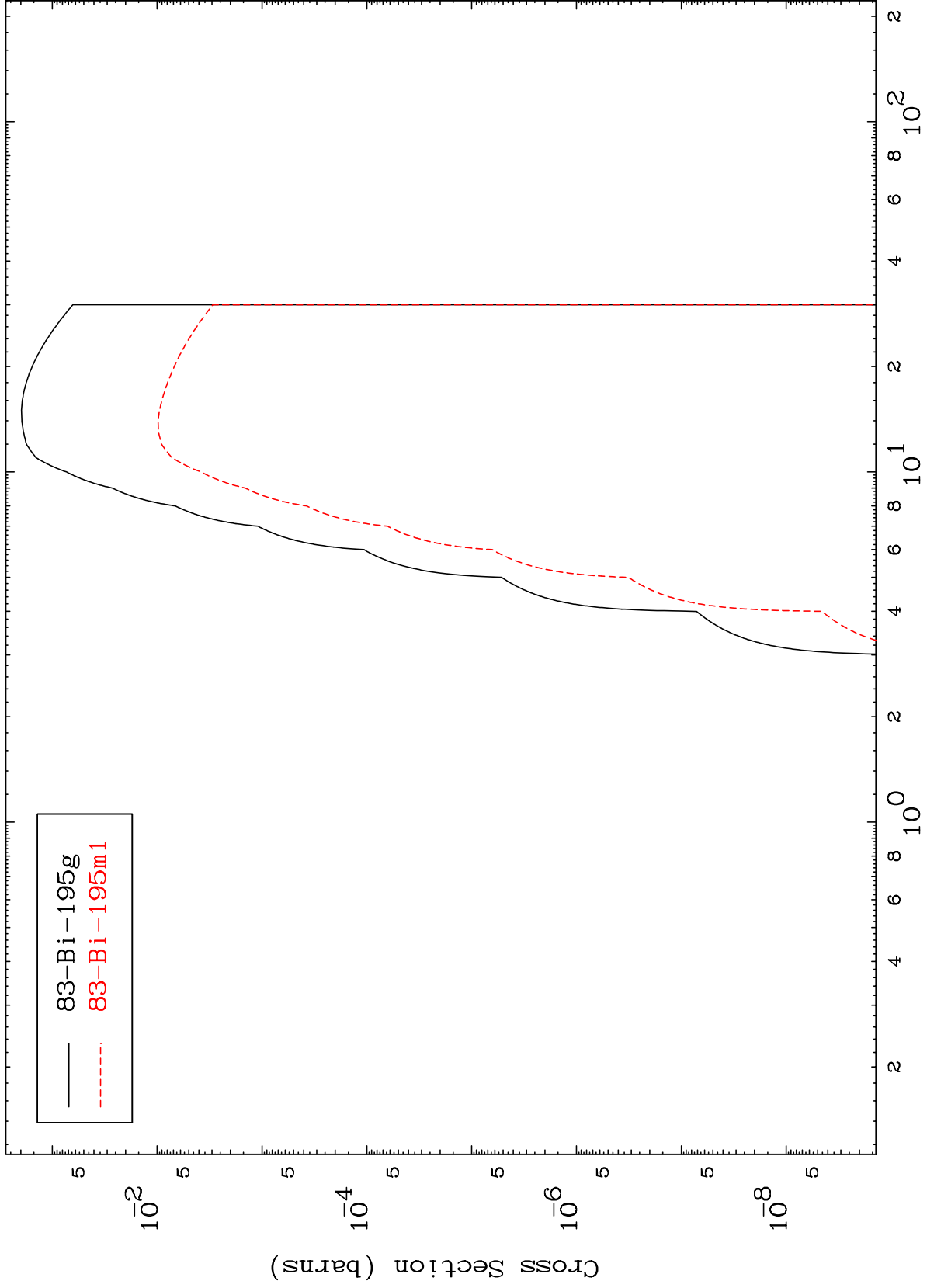
Radionuclide Production Cross Section



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⁸³Bi-194m

(n,p)
Radionuclide Production Cross Section

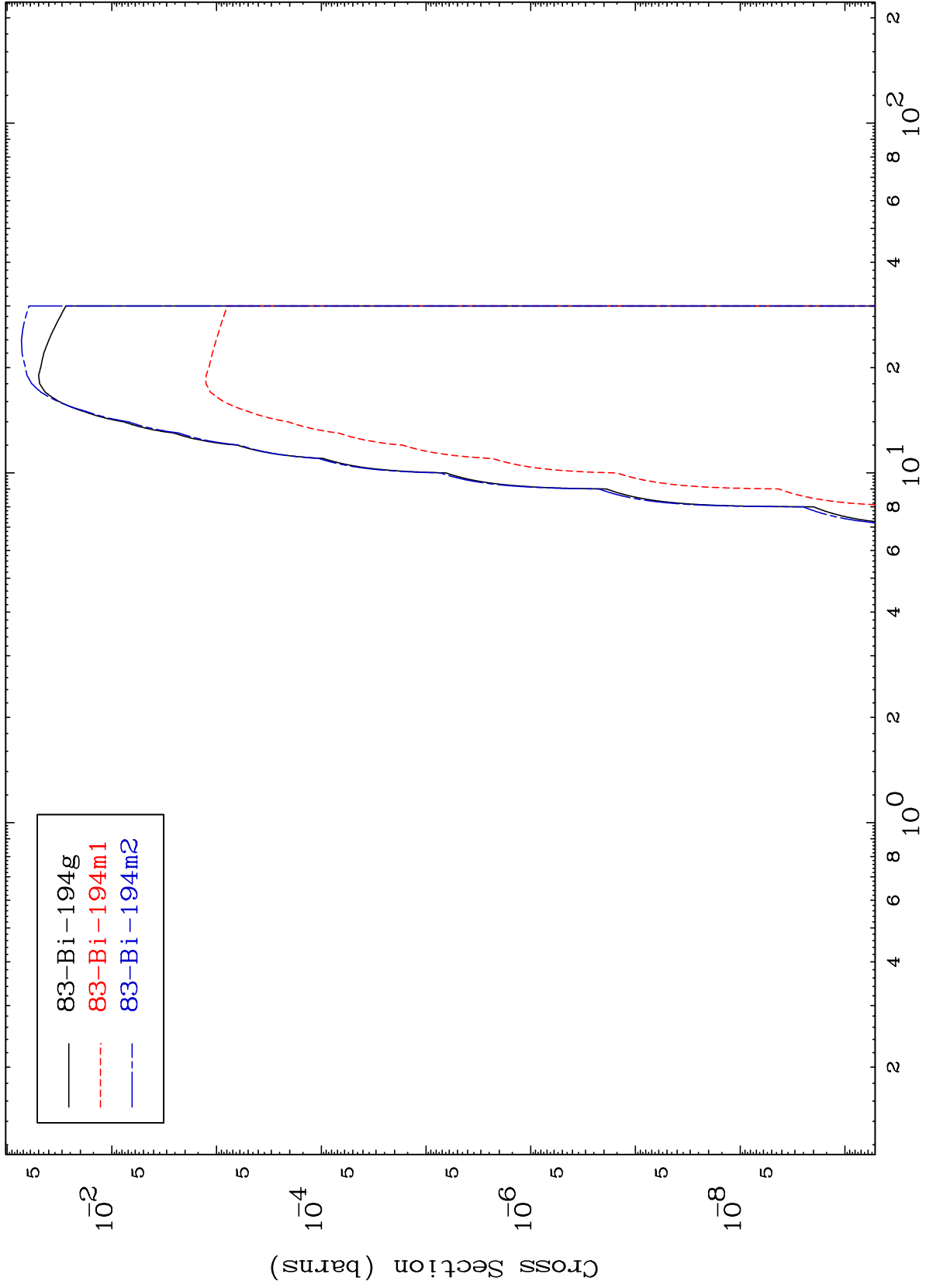


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(n,d)

⁸³Bi-194m

Radionuclide Production Cross Section



28

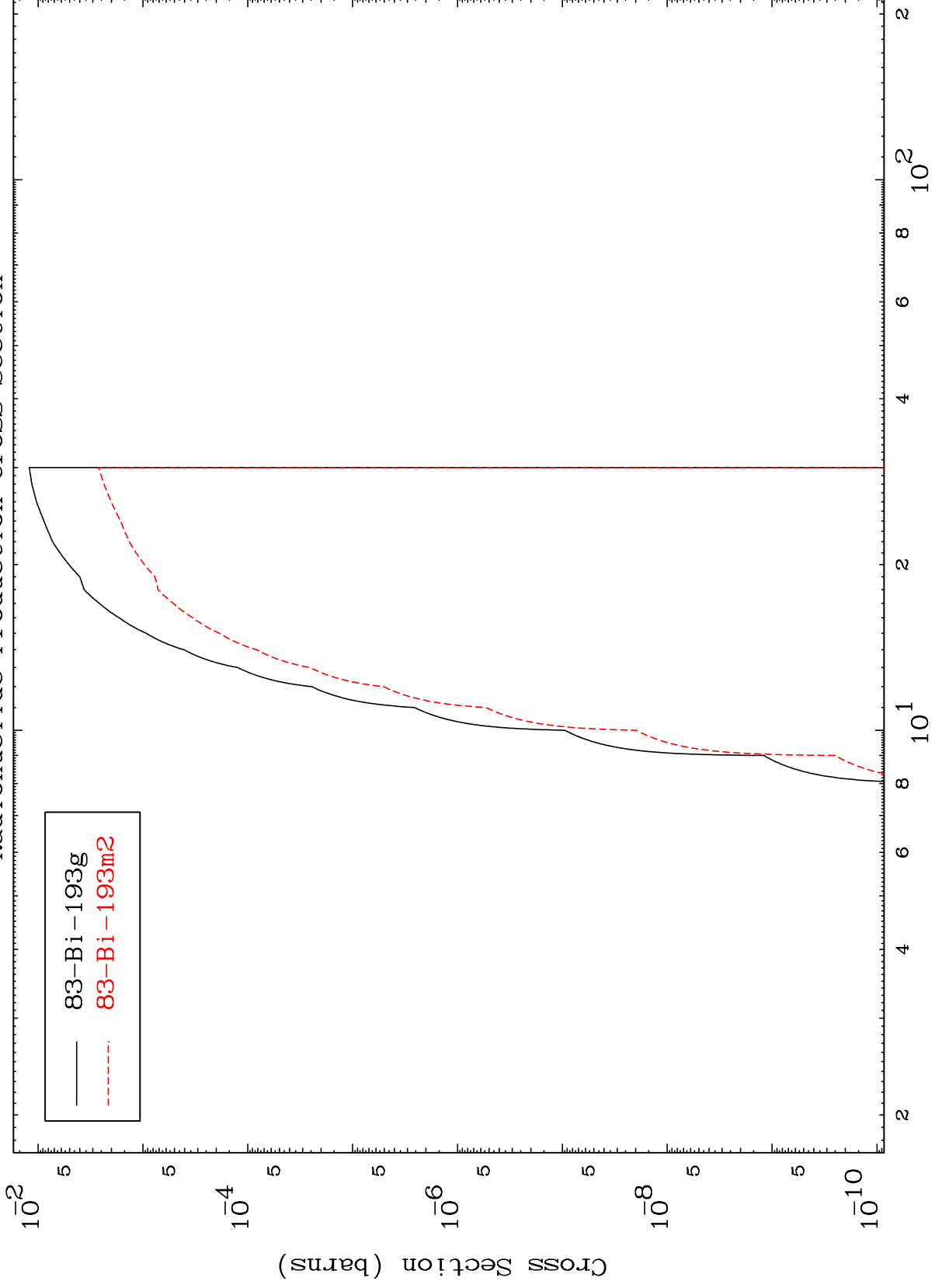
Incident Energy (MeV)

⁸³Bi-194m

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⁸³Bi-194m

(n, t)
Radionuclide Production Cross Section



29

Incident Energy (MeV)

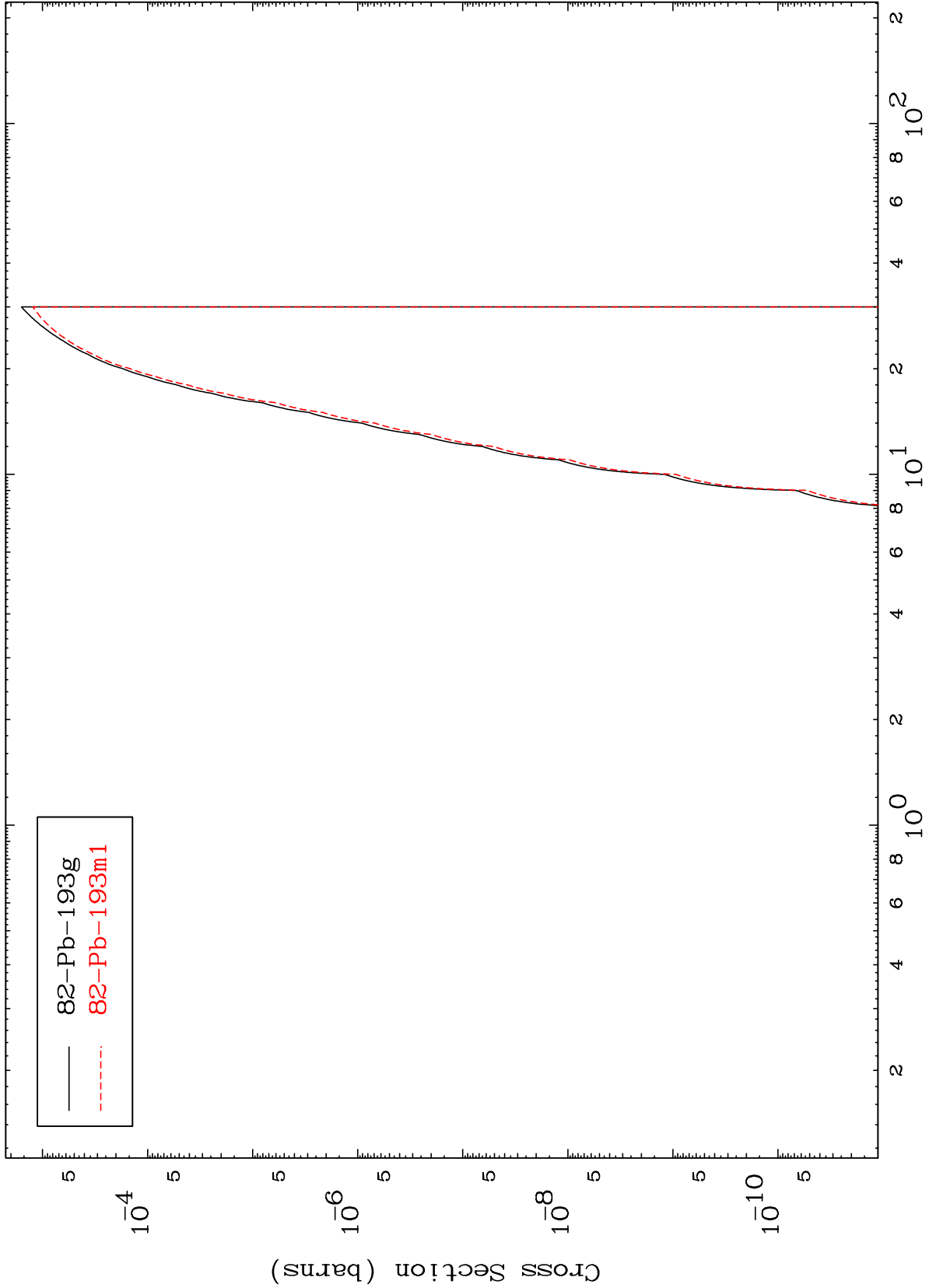
⁸³Bi-194m

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(n,He-3)

83-Bi-194m

Radionuclide Production Cross Section

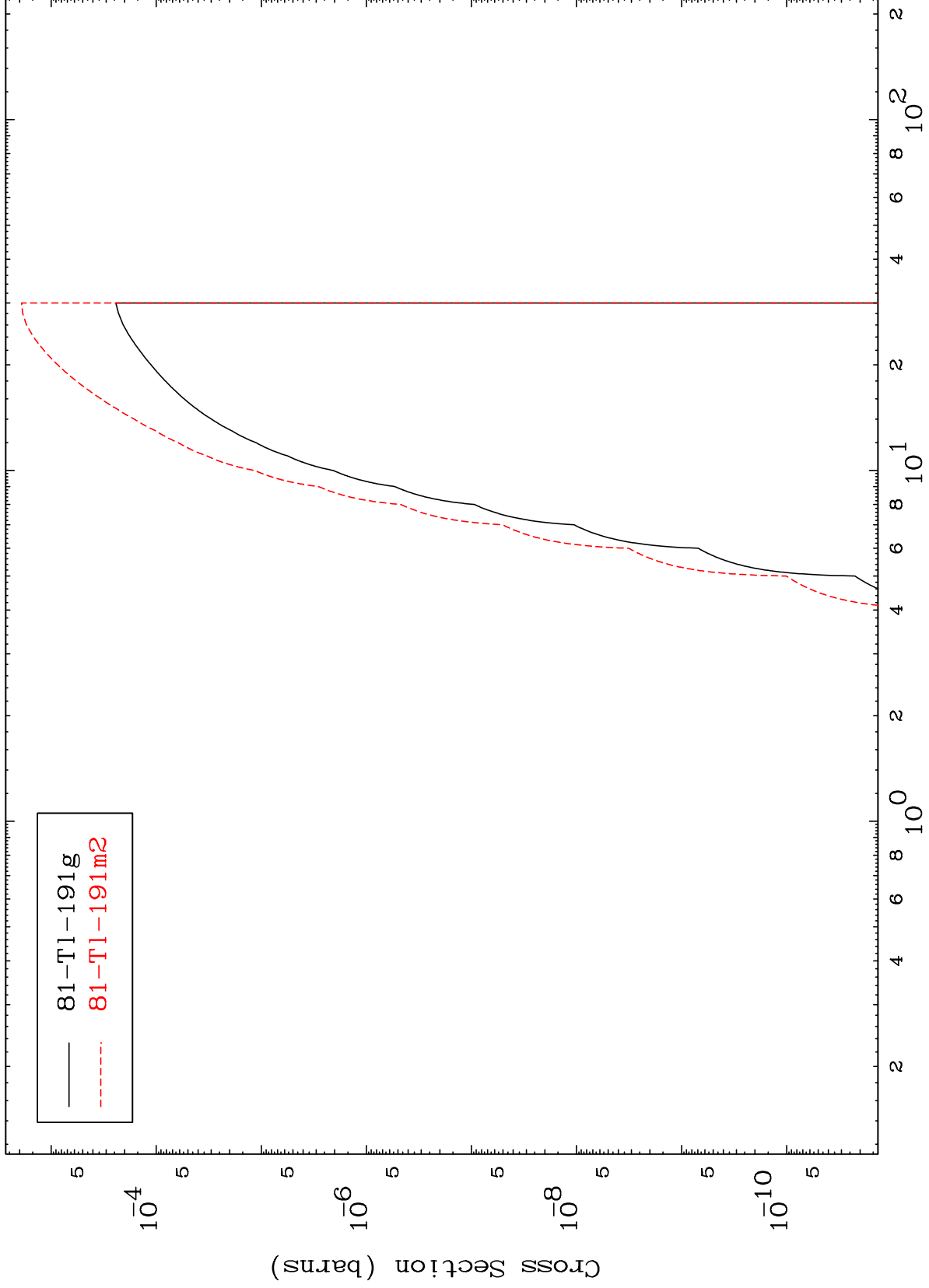


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(n,p) α

⁸³Bi-194m

Radionuclide Production Cross Section

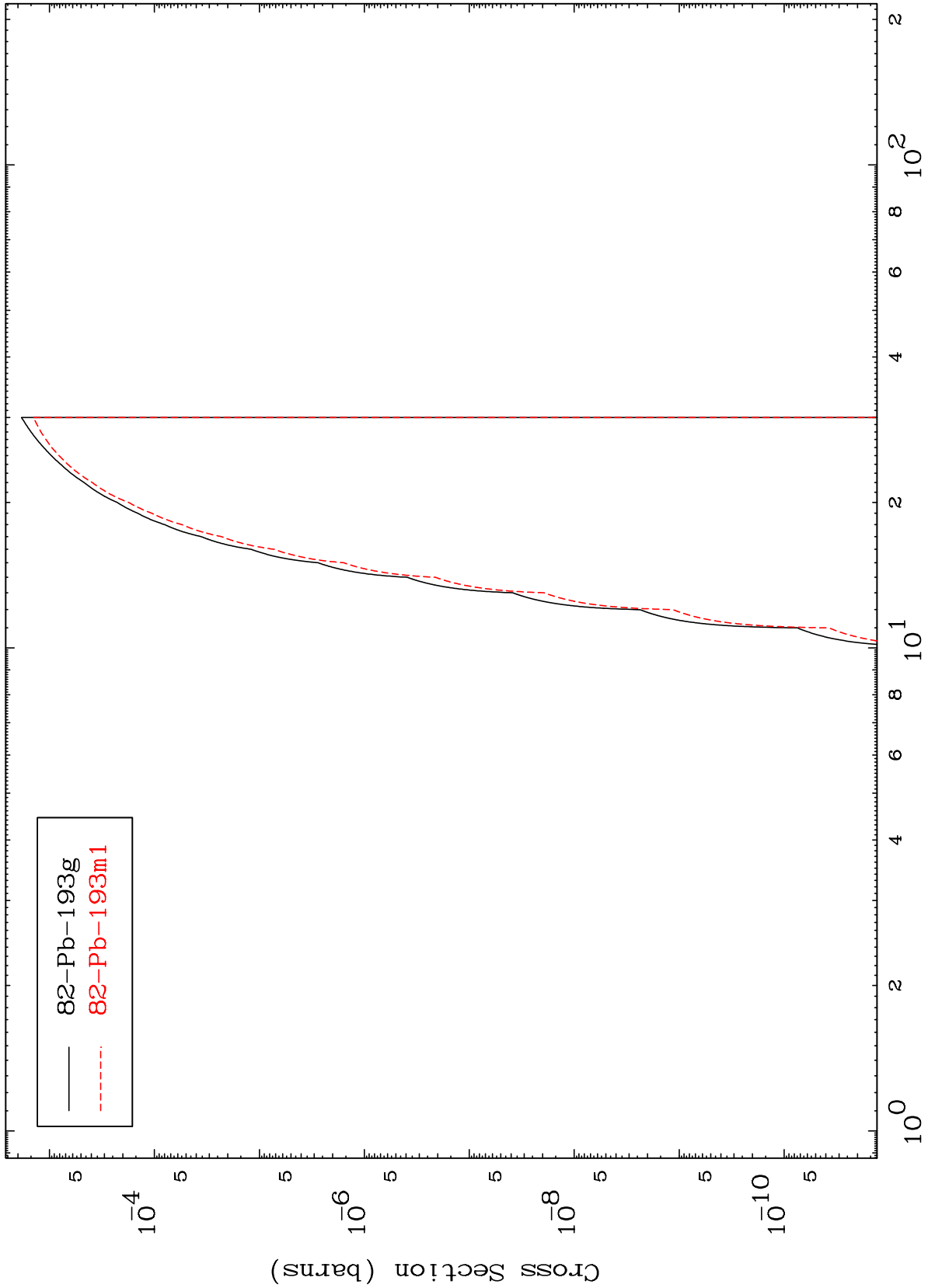
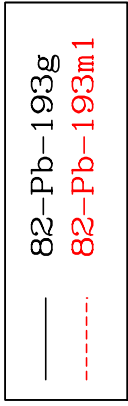


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(n,p) d

83-Bi-194m

Radionuclide Production Cross Section



32

Incident Energy (MeV)

83-Bi-194m

MAT 8281

(n,d) α

$^{83}\text{Bi}-194\text{m}$

