

Program EVALPLOT
(Version 2021-1)

by

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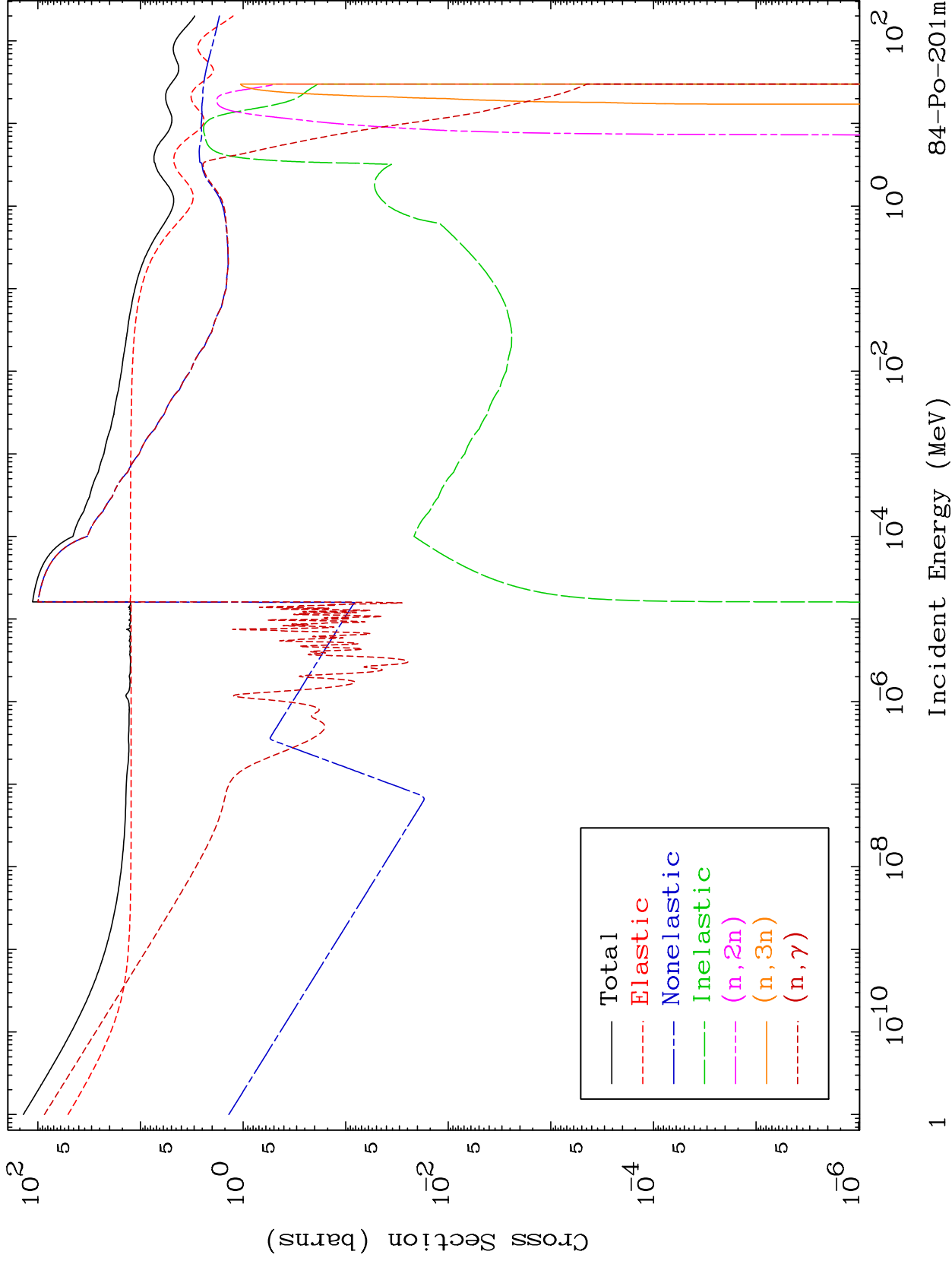
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8411

Neutron Major
293 Kelvin Cross Sections

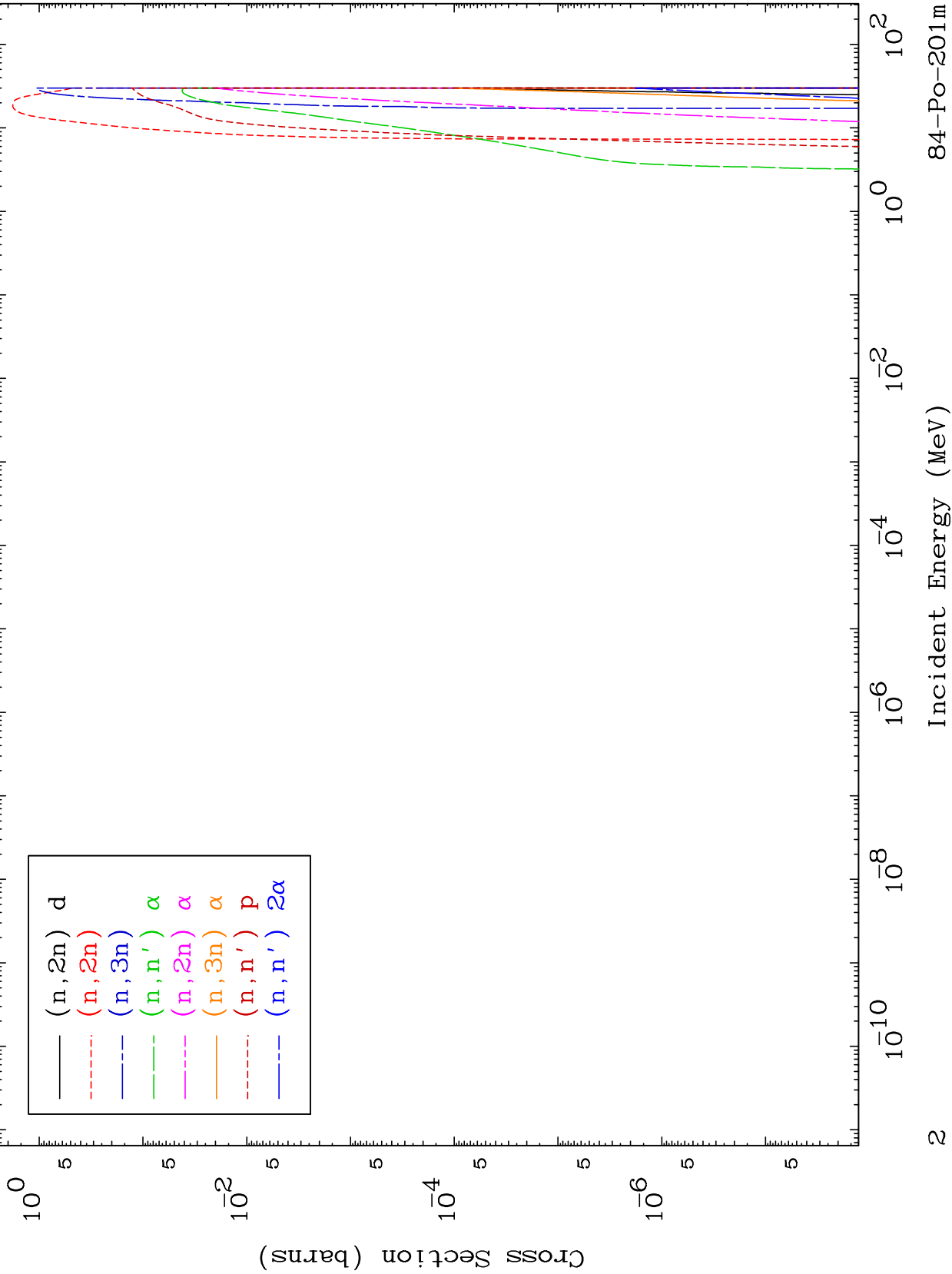
84-Po-201m

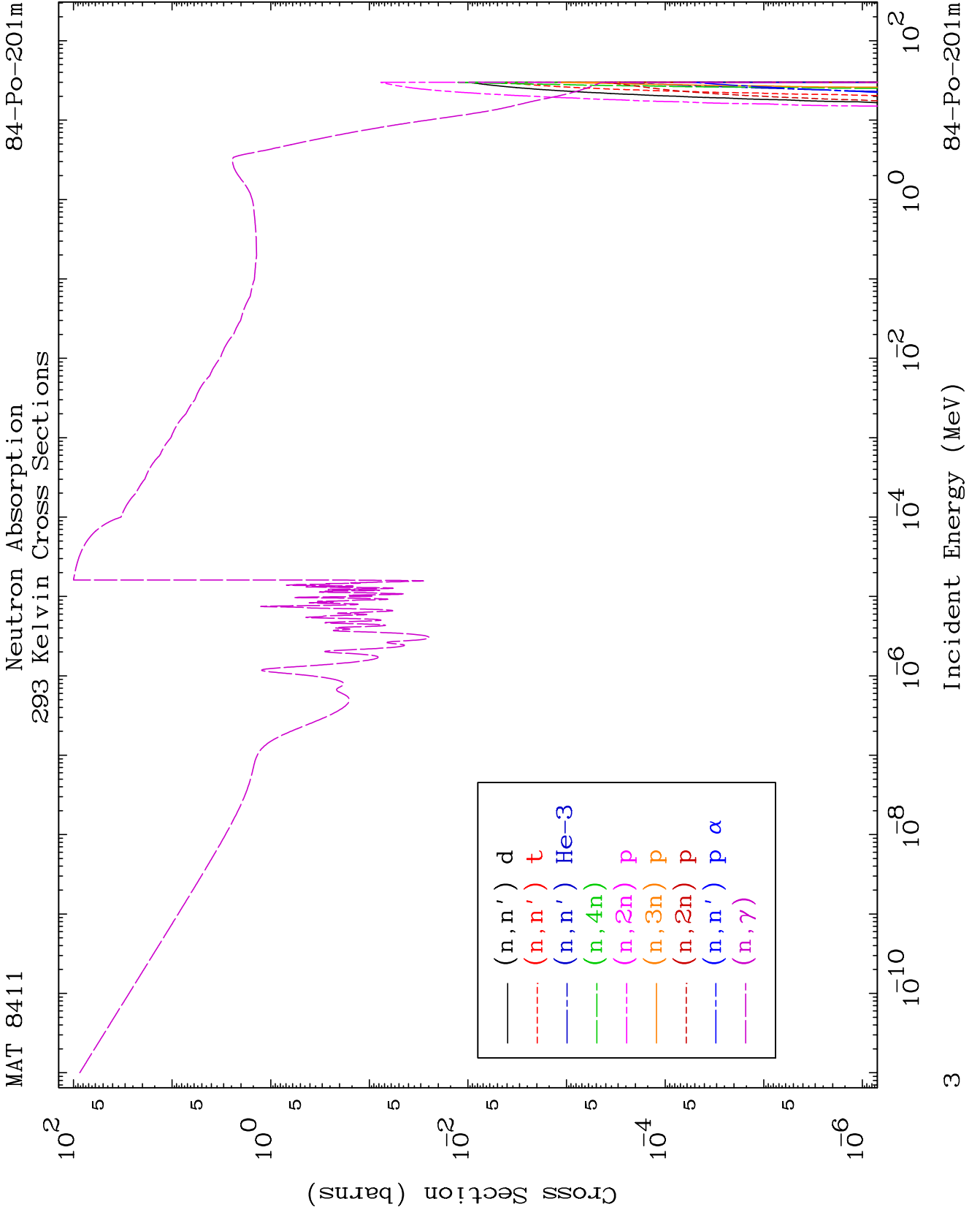


MAT 8411

Neutron Absorption
293 Kelvin Cross Sections

84-Po-201m

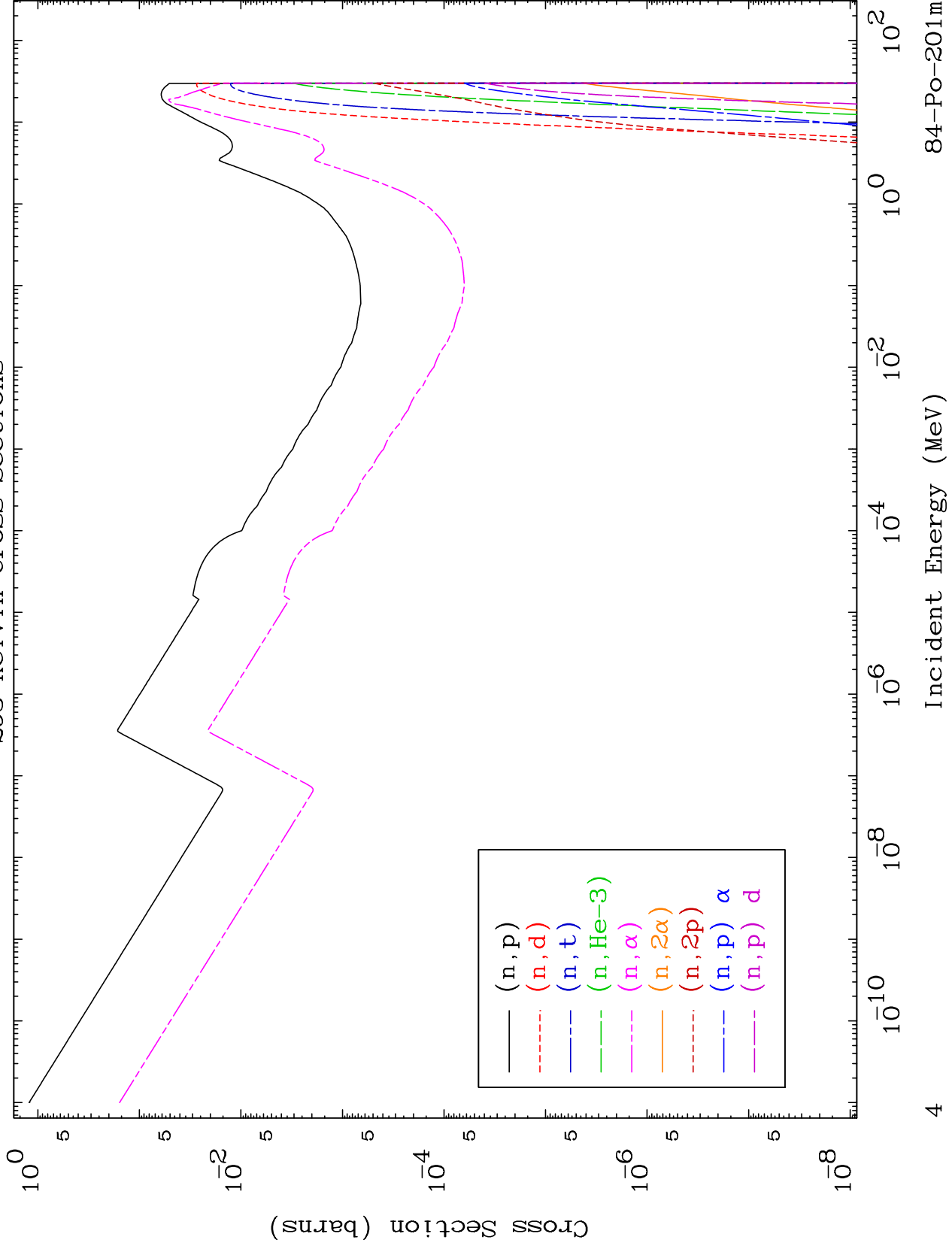




MAT 8411

Neutron Absorption
293 Kelvin Cross Sections

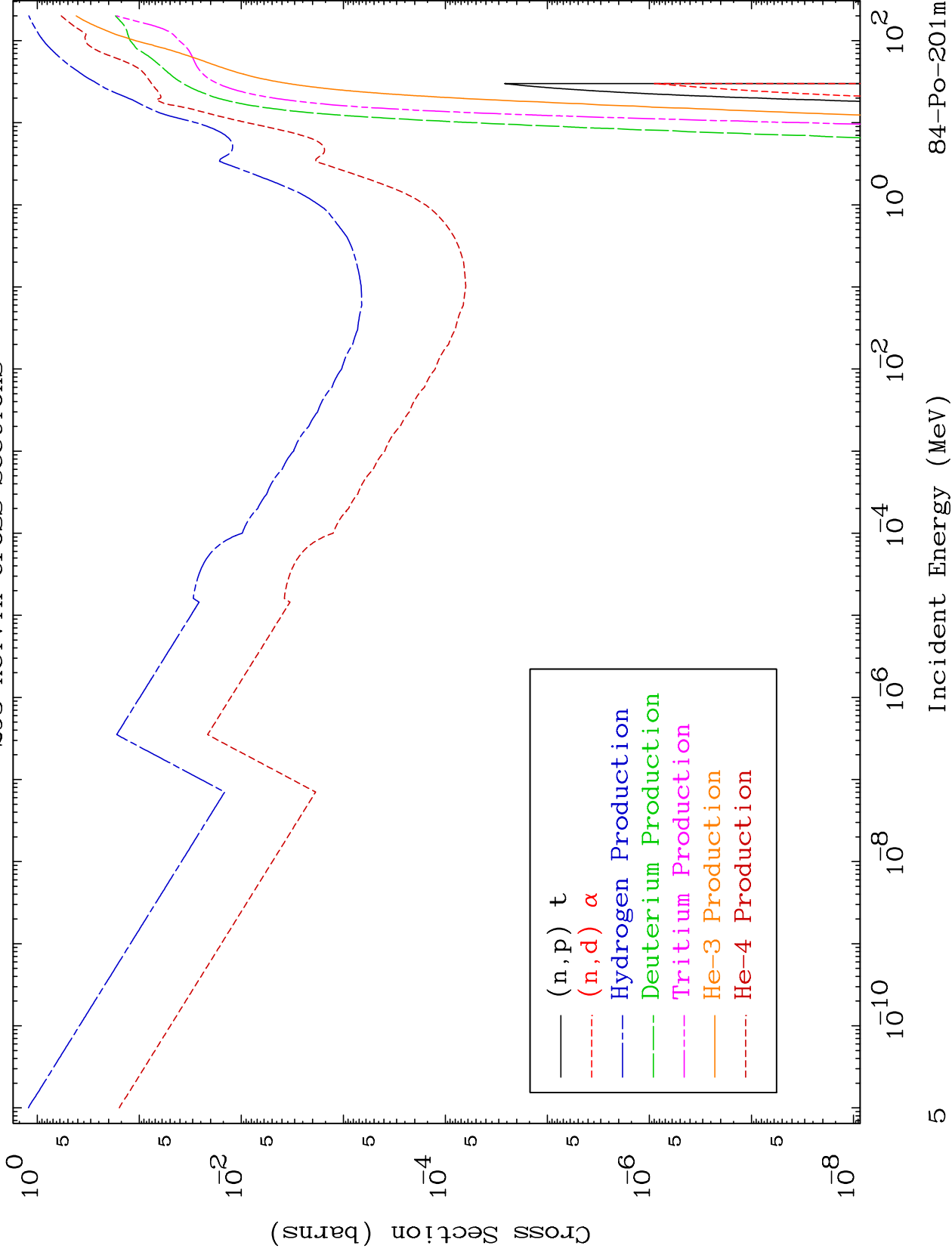
84-Po-201m



MAT 8411

Neutron Absorption
293 Kelvin Cross Sections

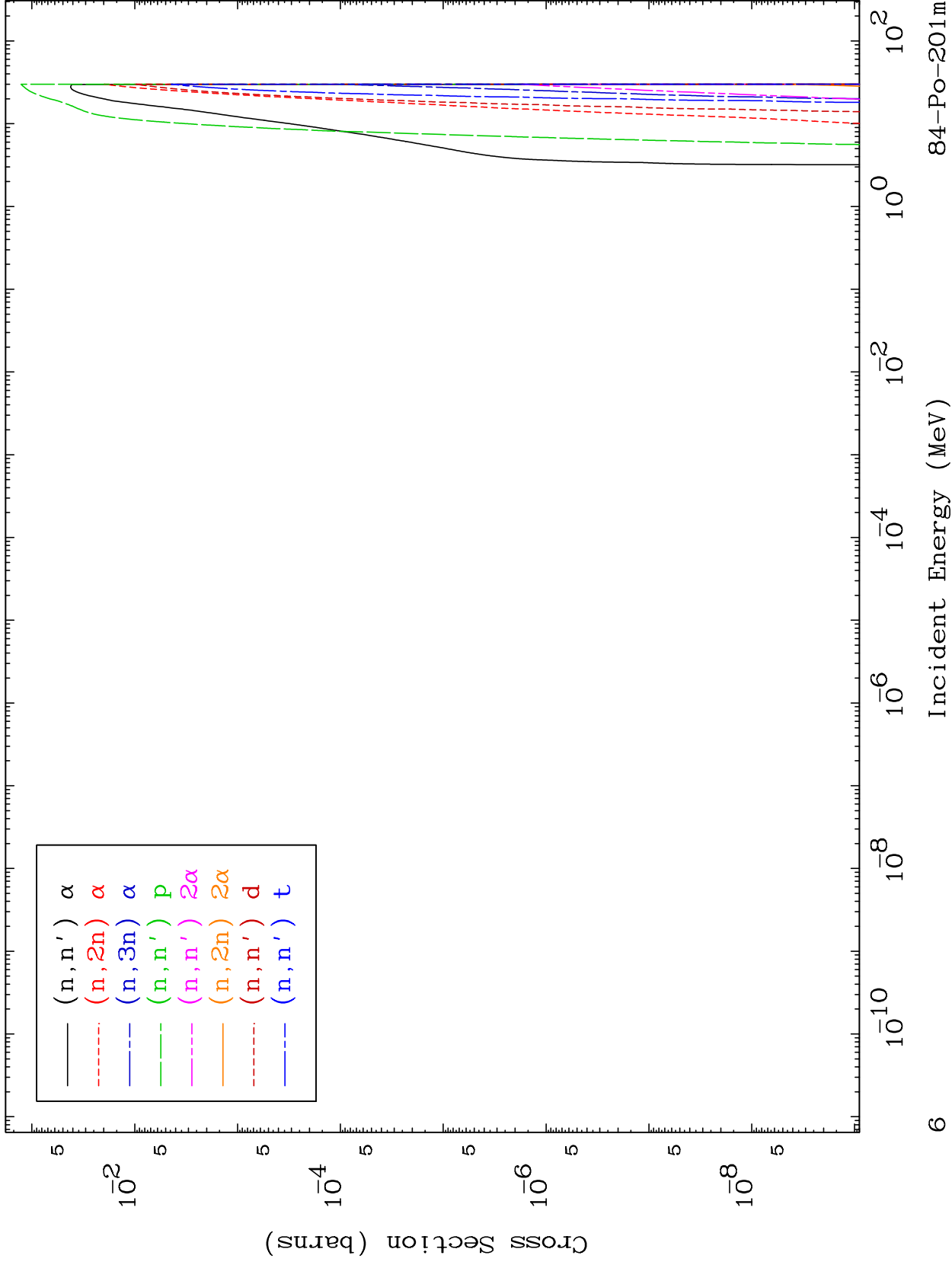
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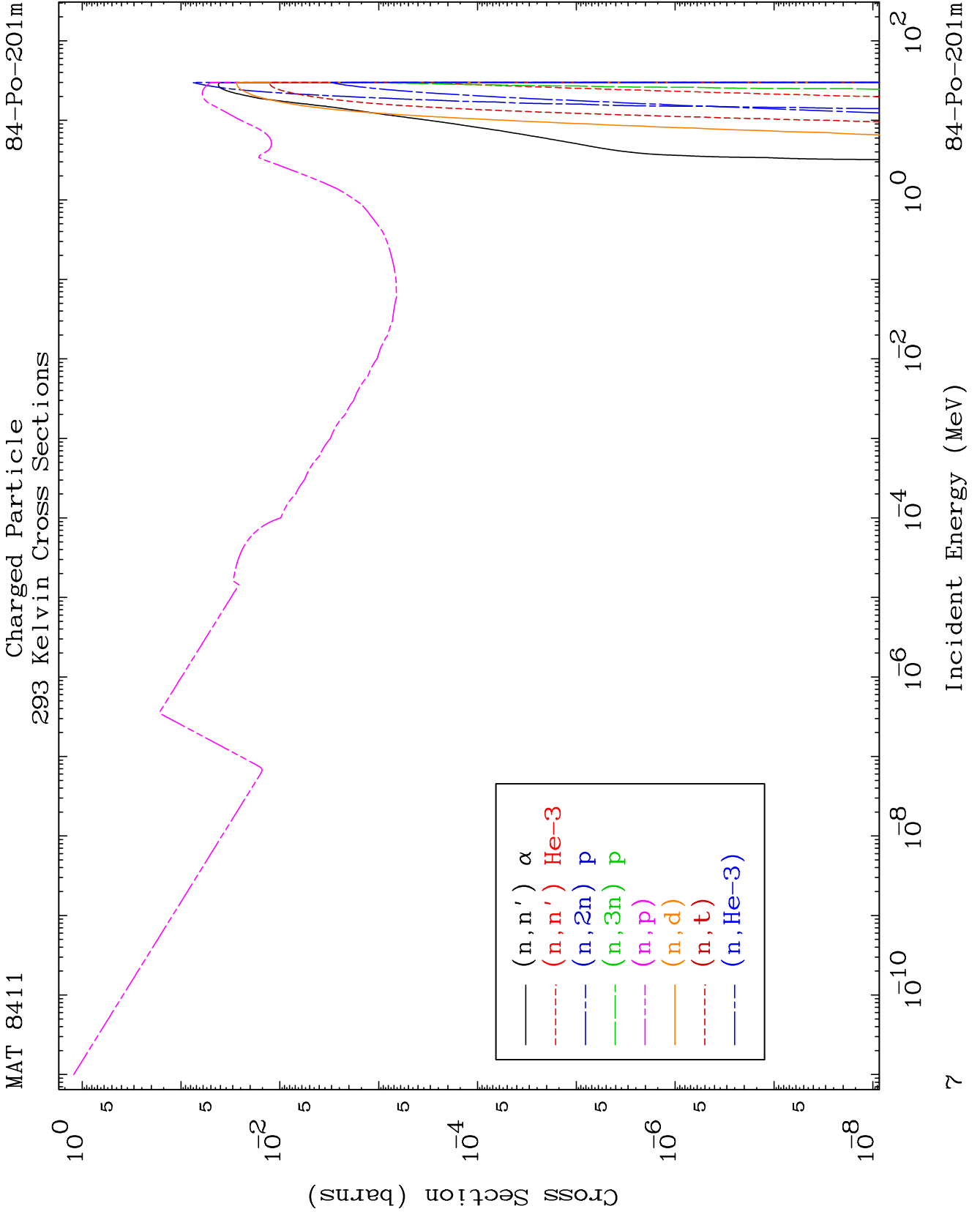


MAT 8411

Charged Particle
293 Kelvin Cross Sections

84-Po-201m

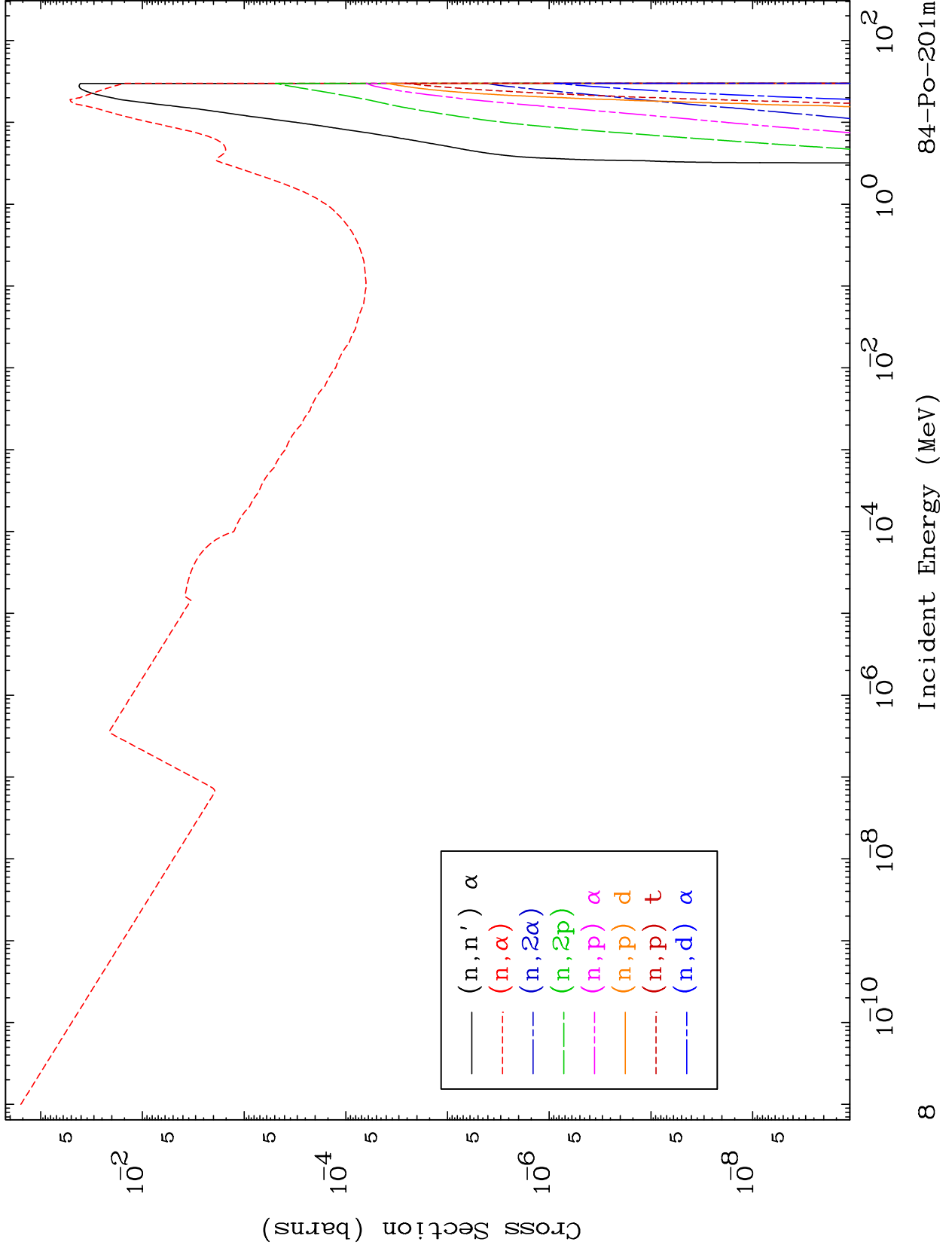




MAT 8411

Charged Particle
293 Kelvin Cross Sections

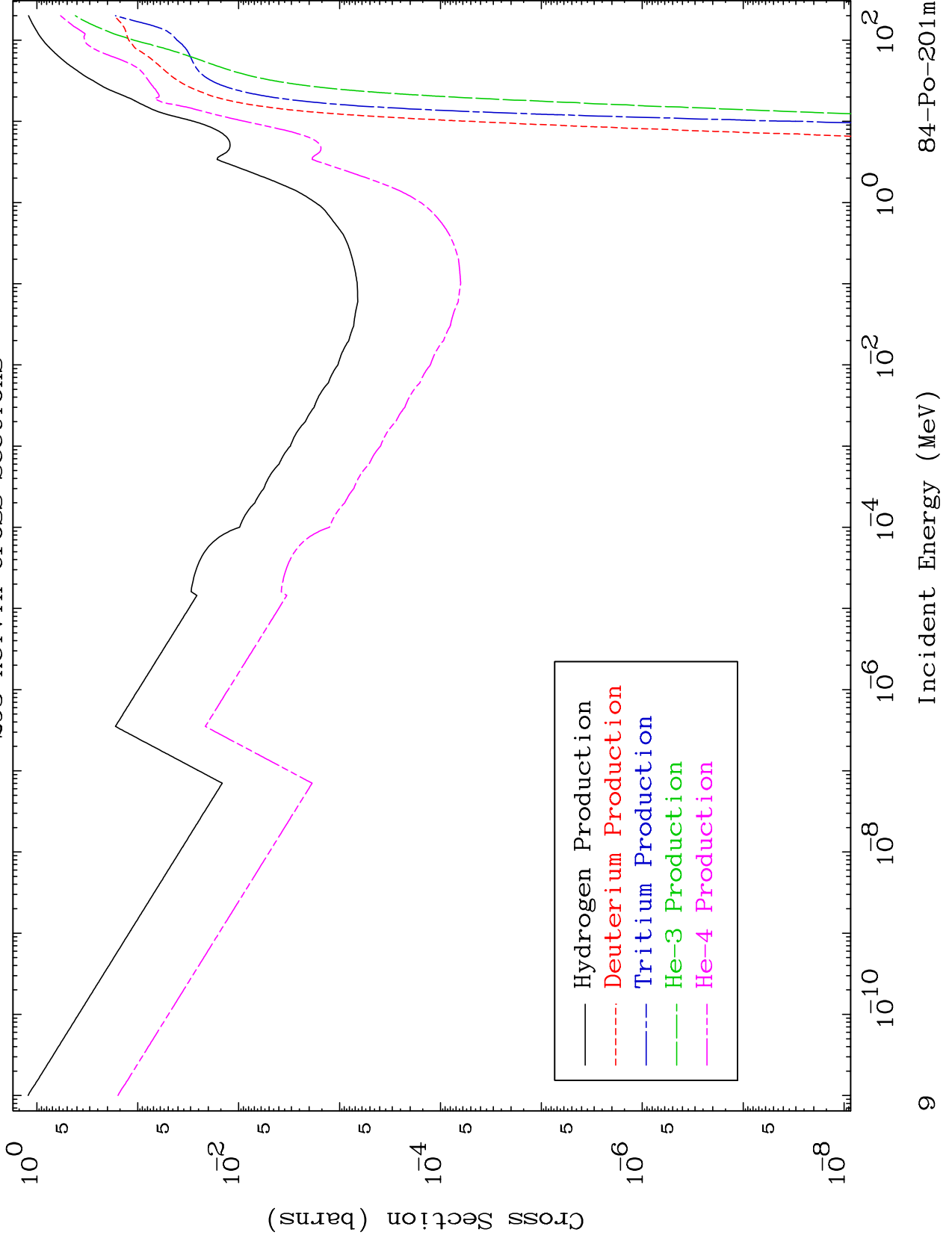
84-Po-201m



MAT 8411

Particle Production
293 Kelvin Cross Sections

84-Po-201m

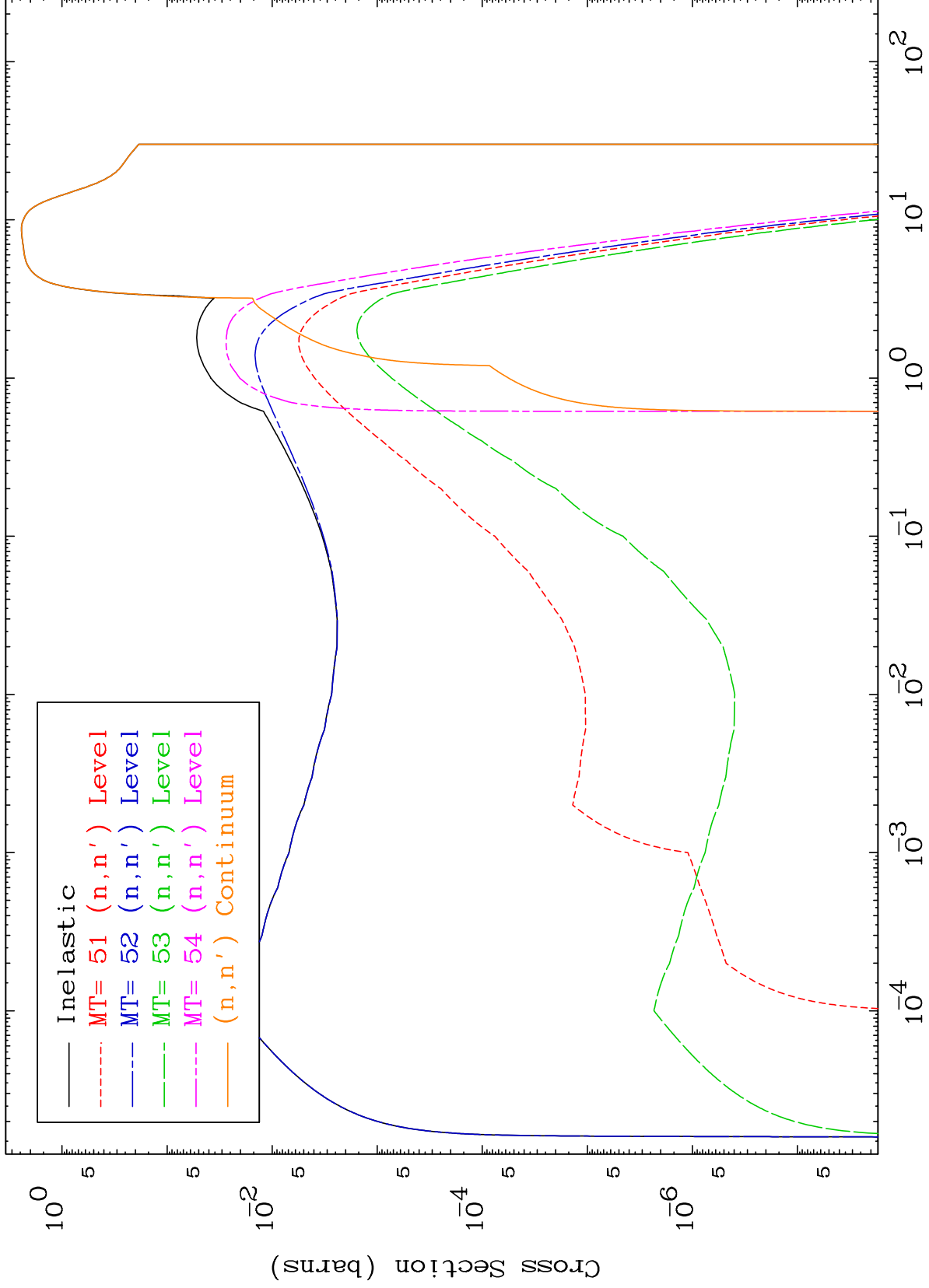


MAT 8411

(n,n') Levels

84-Po-201m

293 Kelvin Cross Sections



10

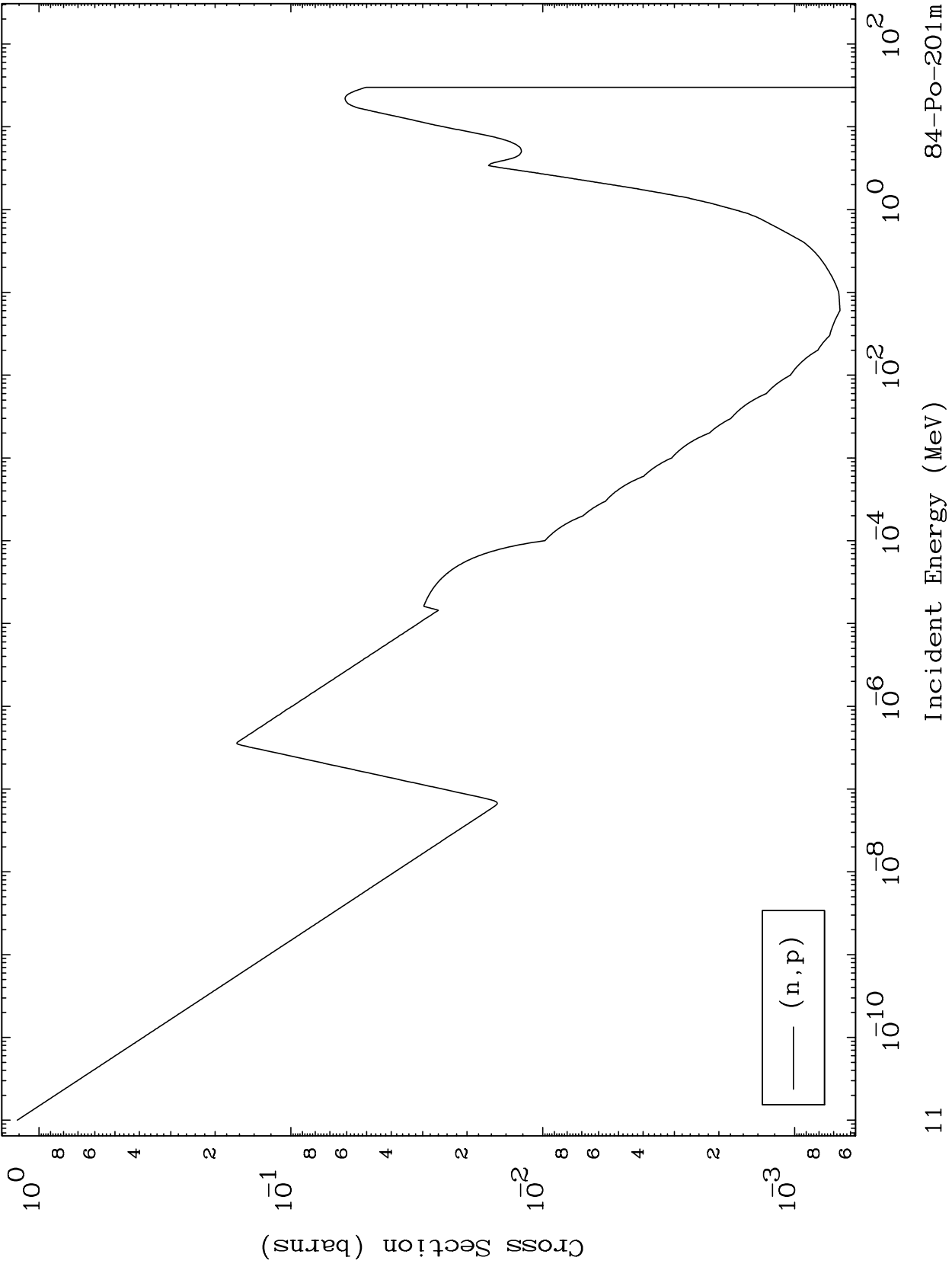
Incident Energy (MeV)

84-Po-201m

MAT 8411

(n,p) Levels
293 Kelvin Cross Sections

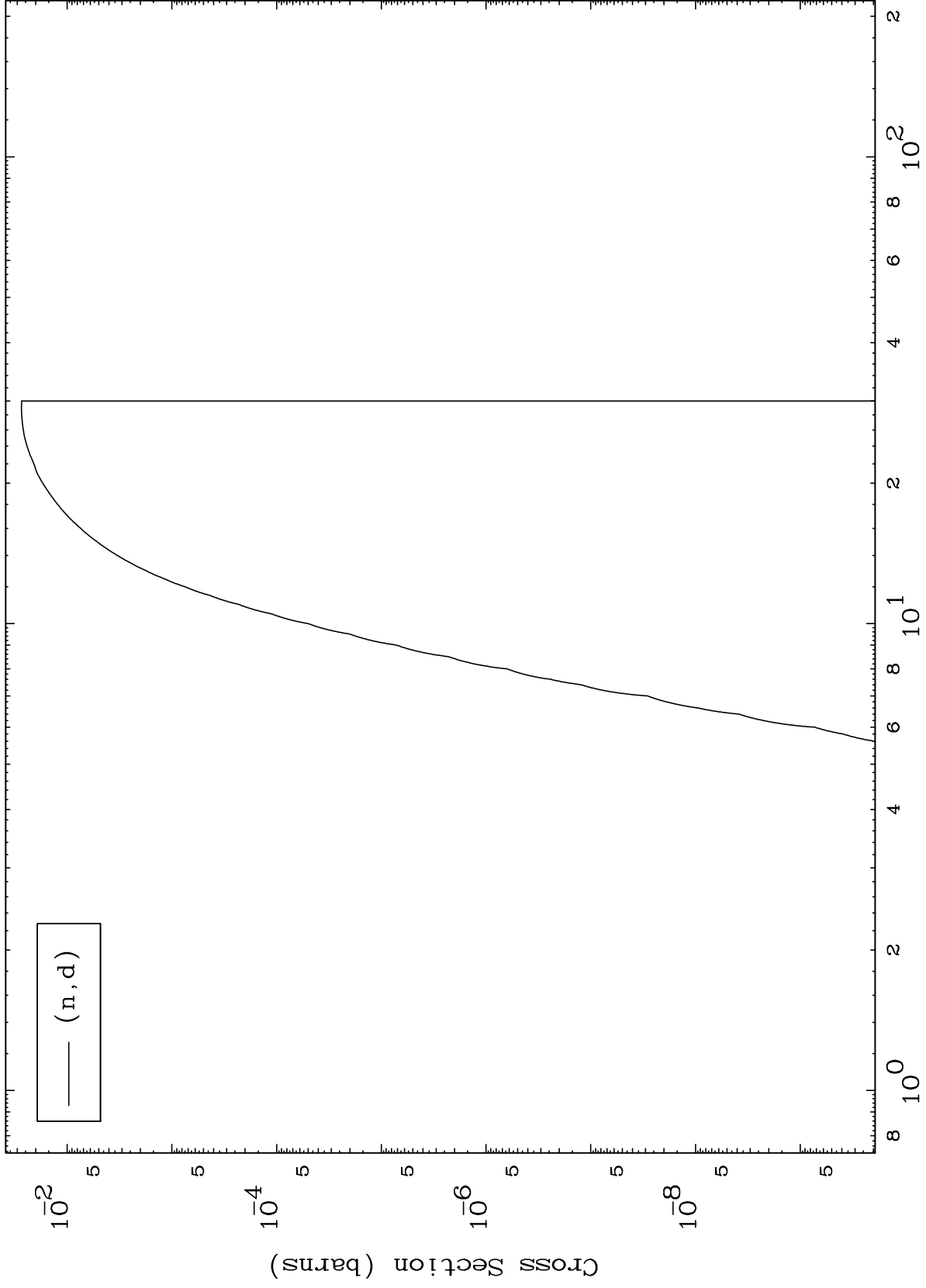
84-Po-201m



MAT 8411

(n,d) Levels
293 Kelvin Cross Sections

84-Po-201m



12

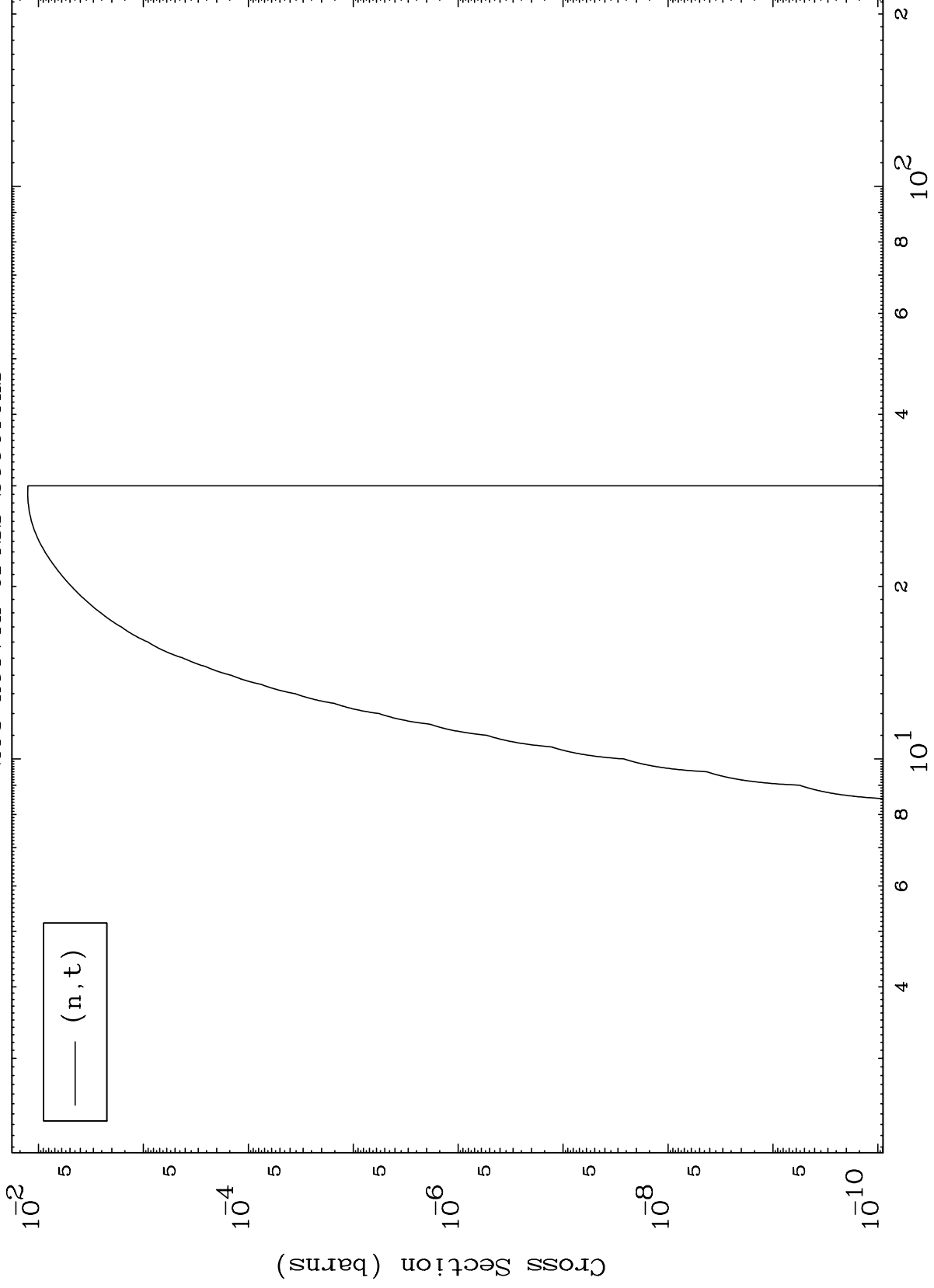
Incident Energy (MeV)

84-Po-201m

MAT 8411

(n,t) Levels
293 Kelvin Cross Sections

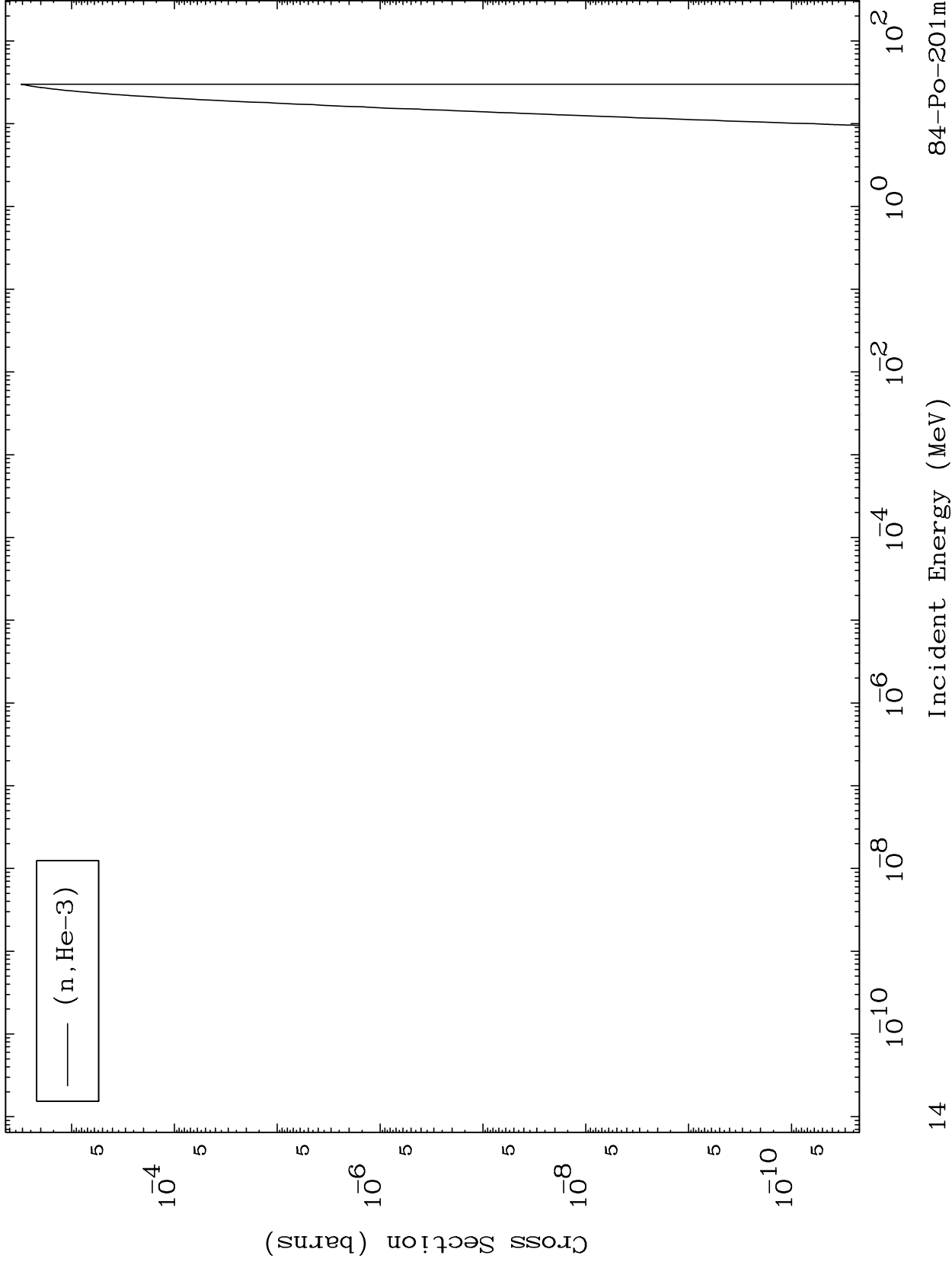
84-Po-201m



MAT 8411

(n,He3) Levels
293 Kelvin Cross Sections

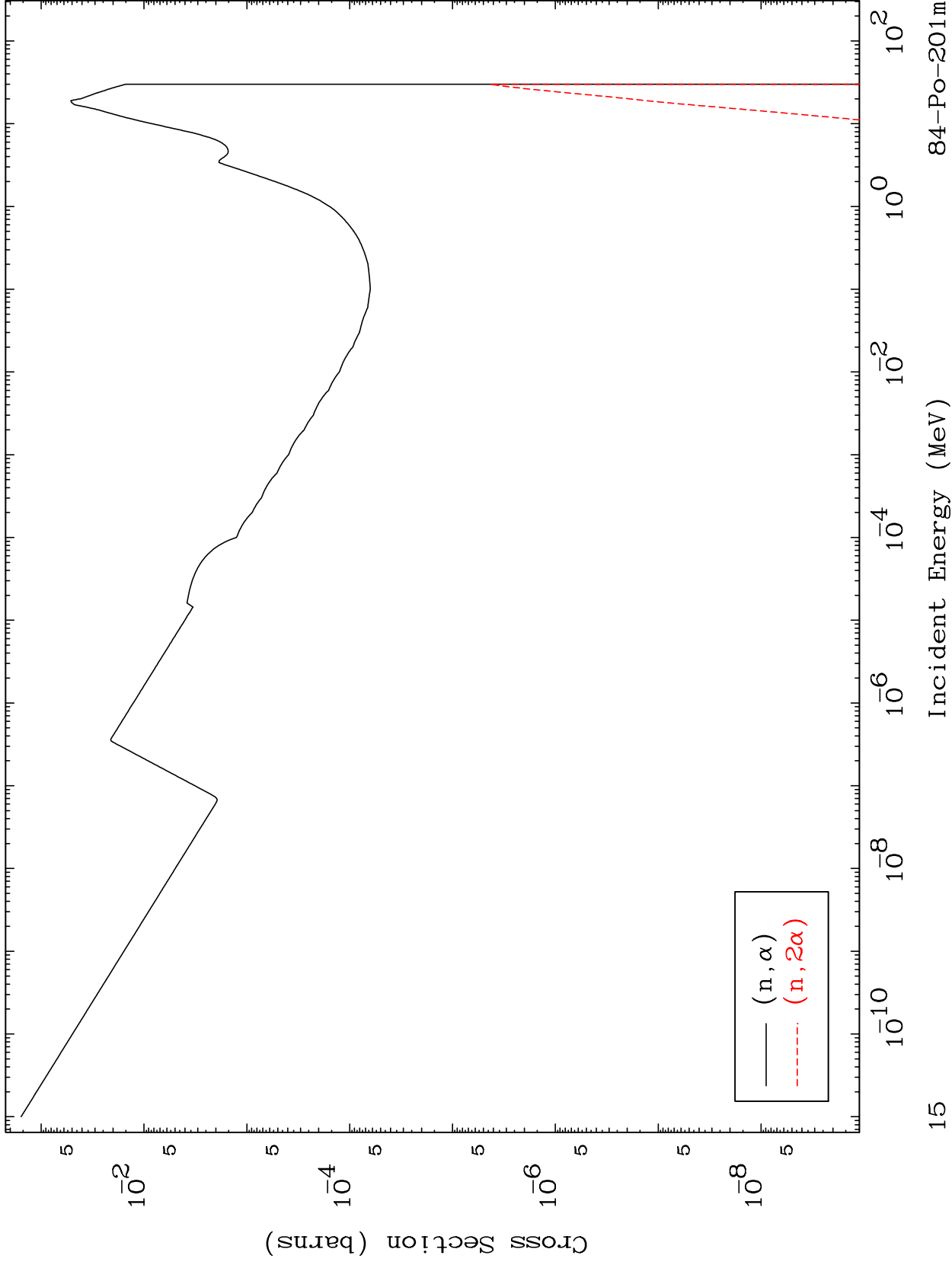
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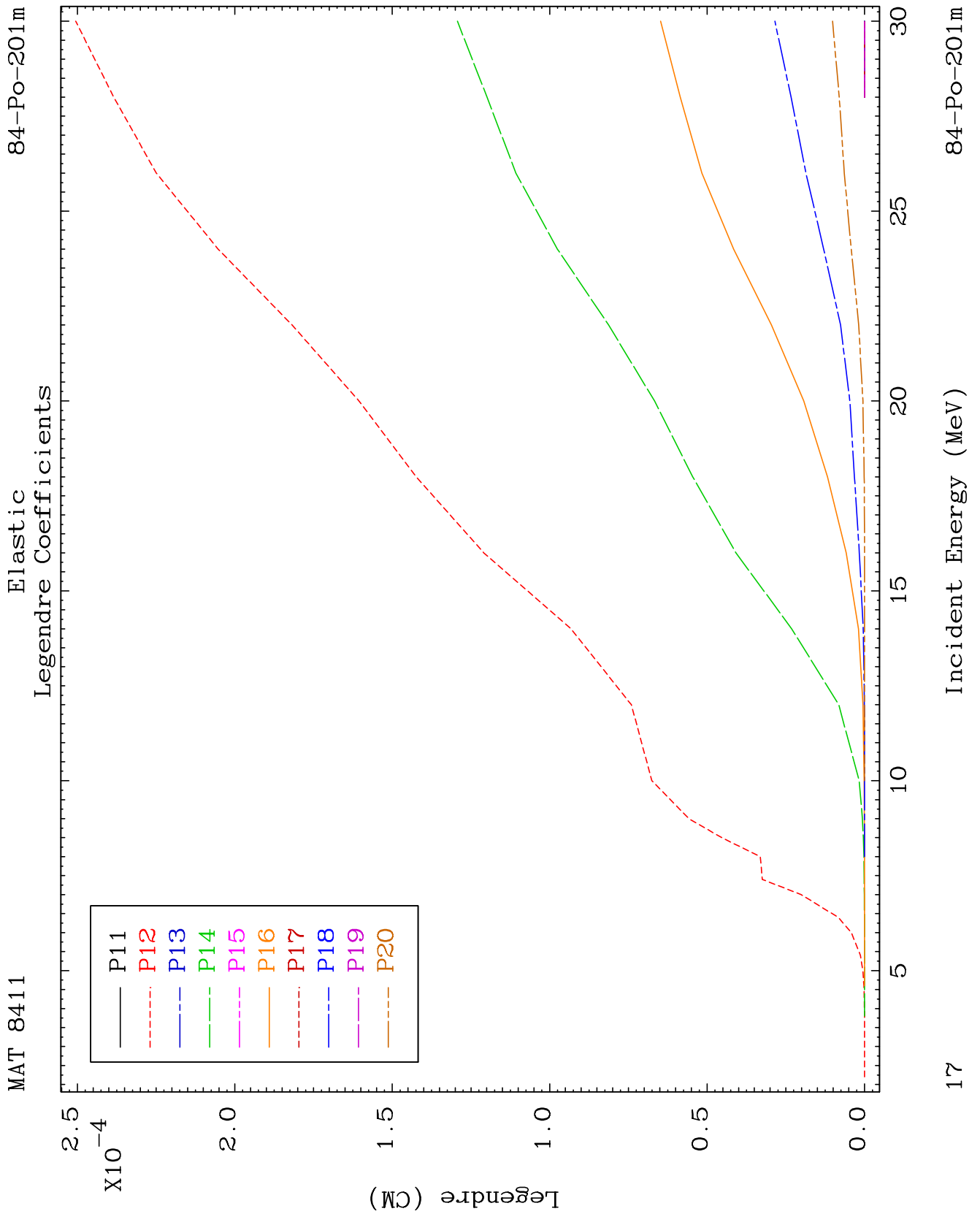


MAT 8411

(n, α) Levels
293 Kelvin Cross Sections

84-Po-201m

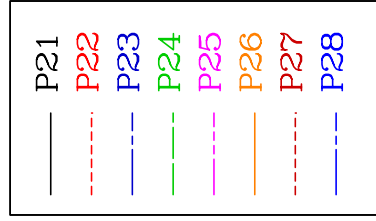




MAT 8411

Elastic Legendre Coefficients

84-Po-201m



$\times 10^{-6}$

2.0

1.5

1.0

0.5

0.0

Legendre (CM)

15

20

25

30

18

Incident Energy (MeV)

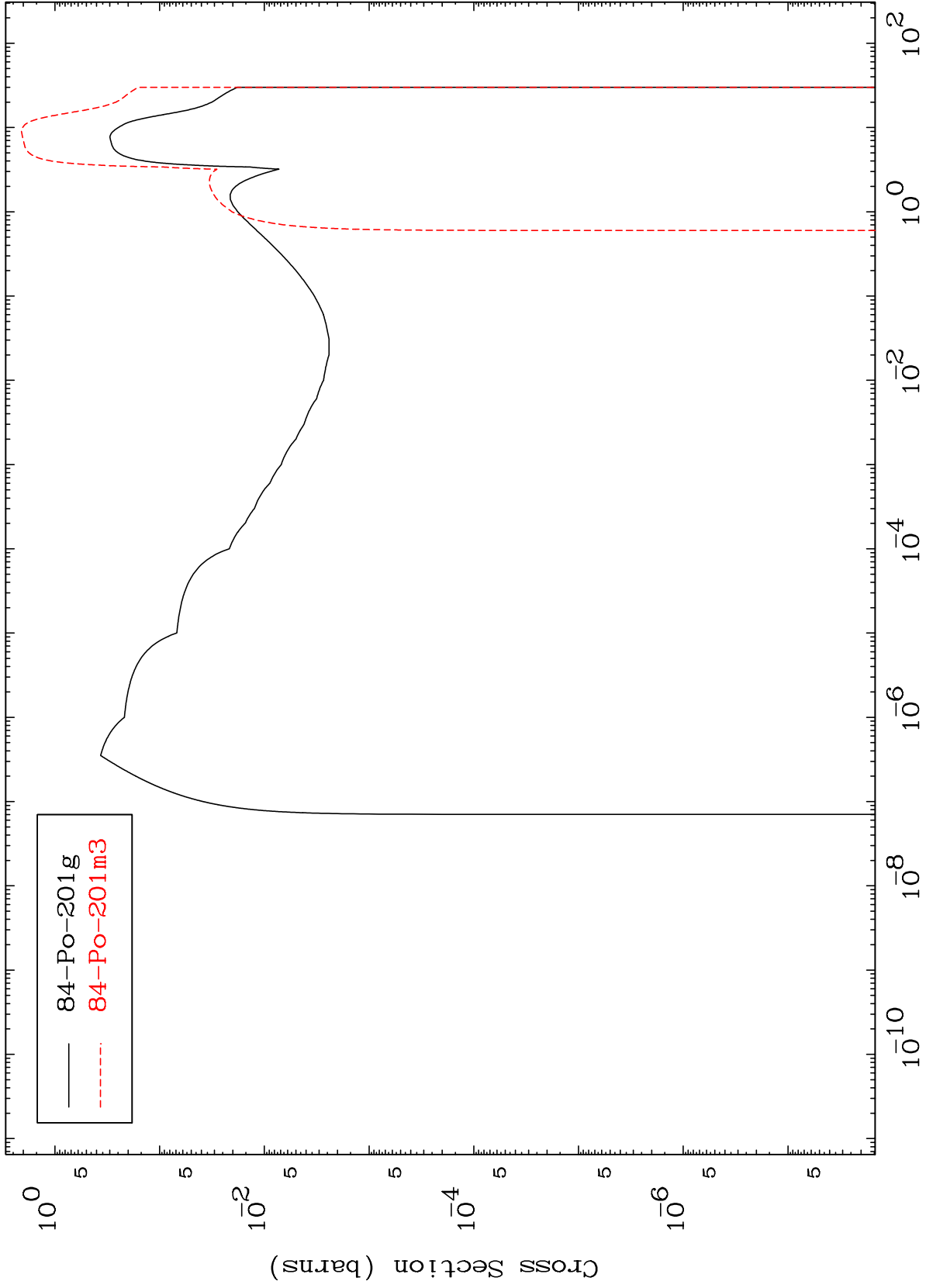
84-Po-201m



MAT 8411

84-Po-201m

Inelastic
Radionuclide Production Cross Section



84-Po-201g
84-Po-201m3

84-Po-201m

Incident Energy (MeV)

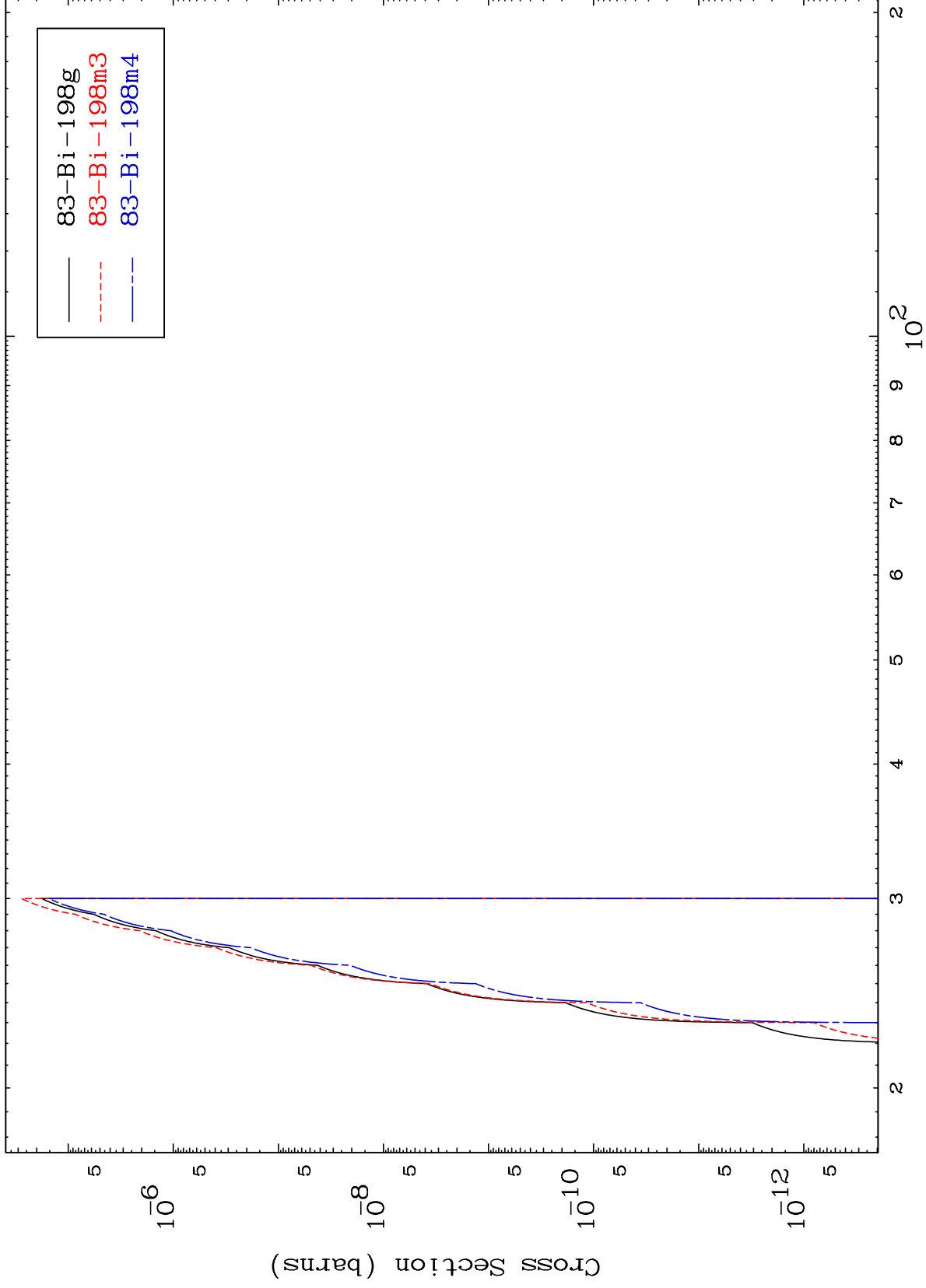
19

MAT 8411

(n,2n) d

84-Po-201m

Radionuclide Production Cross Section



20

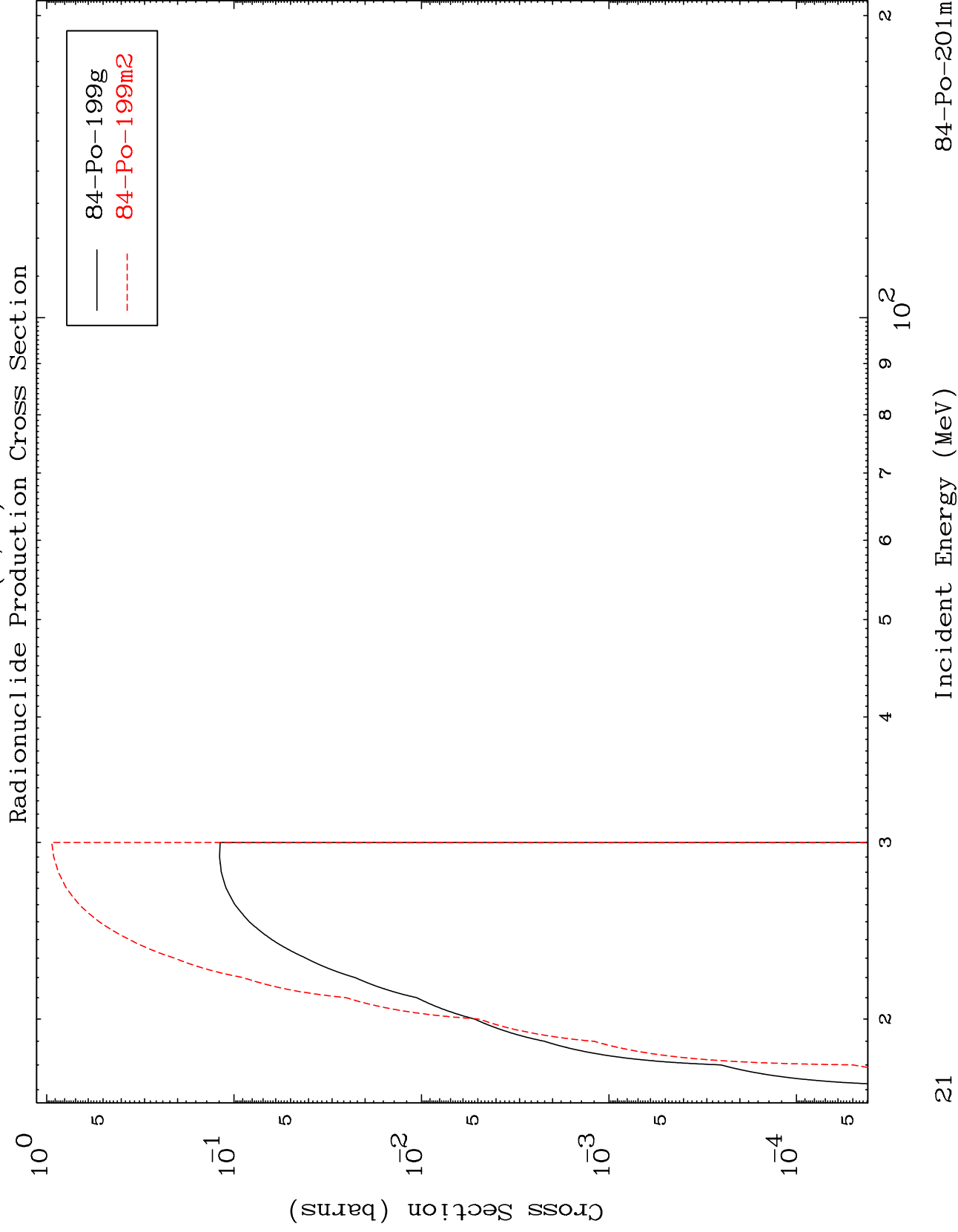
Incident Energy (MeV)

84-Po-201m

MAT 8411

(n,3n)

84-Po-201m

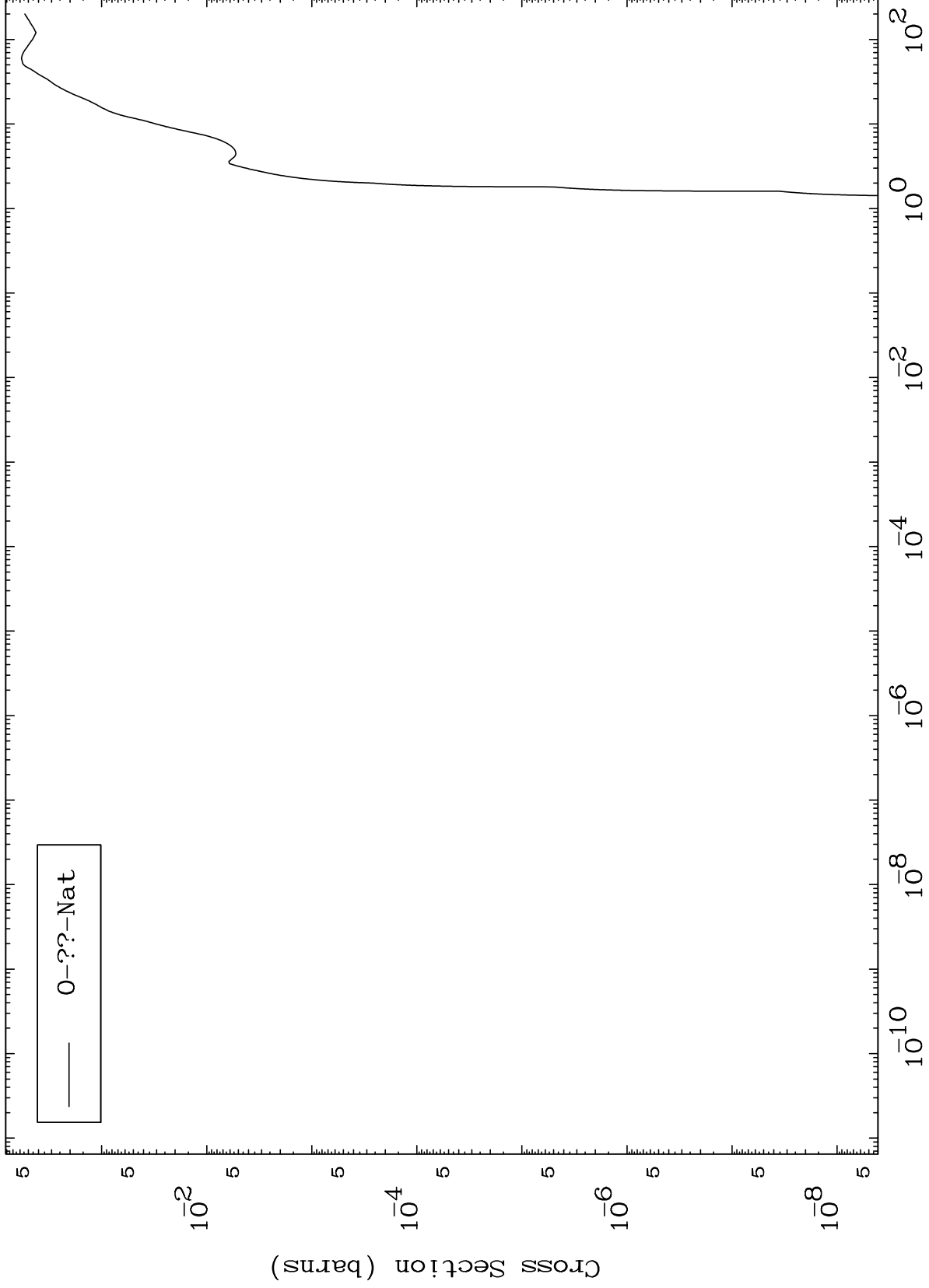


MAT 8411

Fission

84-Po-201m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

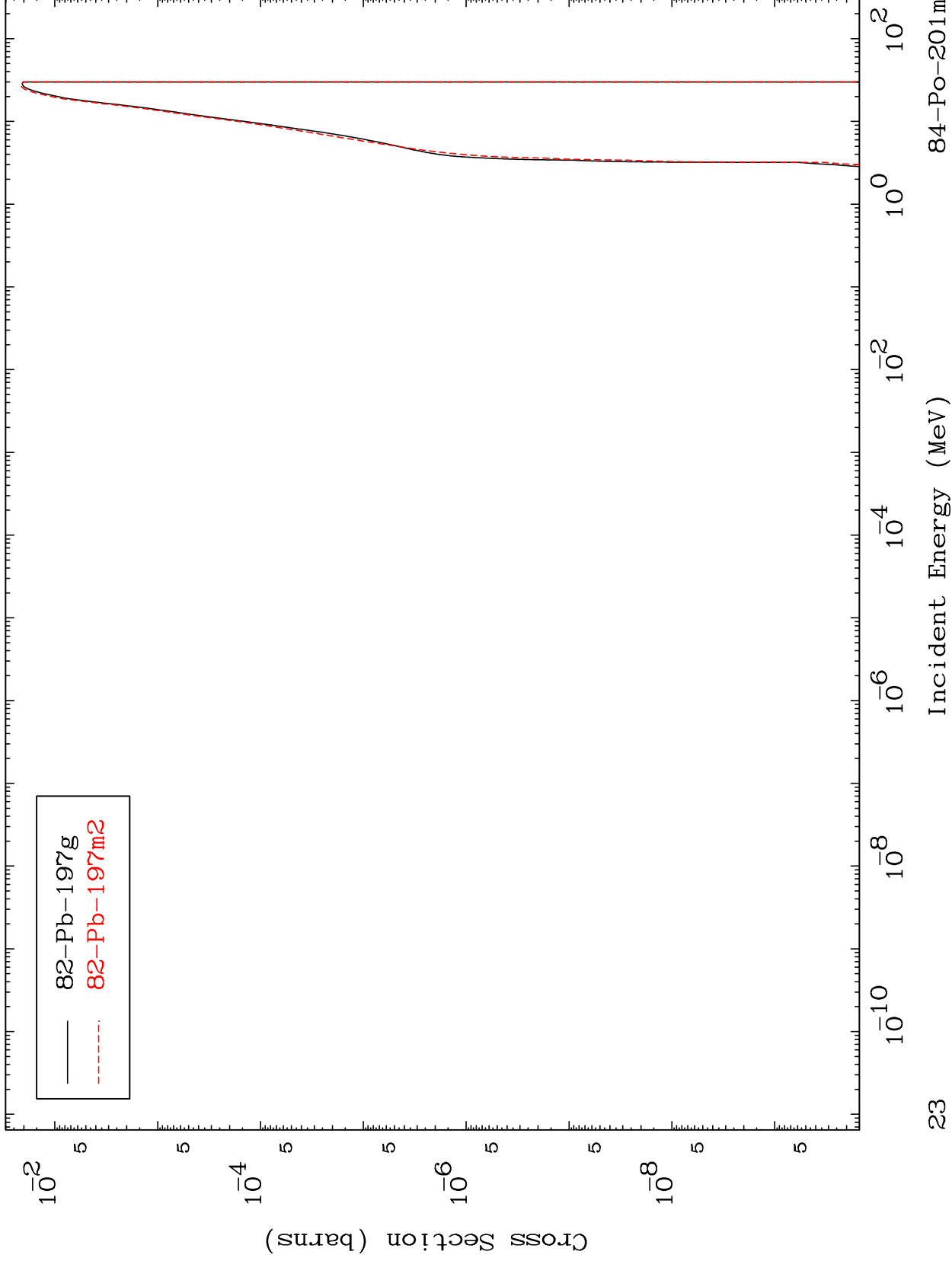
84-Po-201m

MAT 8411

$(n, n') \alpha$

84-Po-201m

Radionuclide Production Cross Section

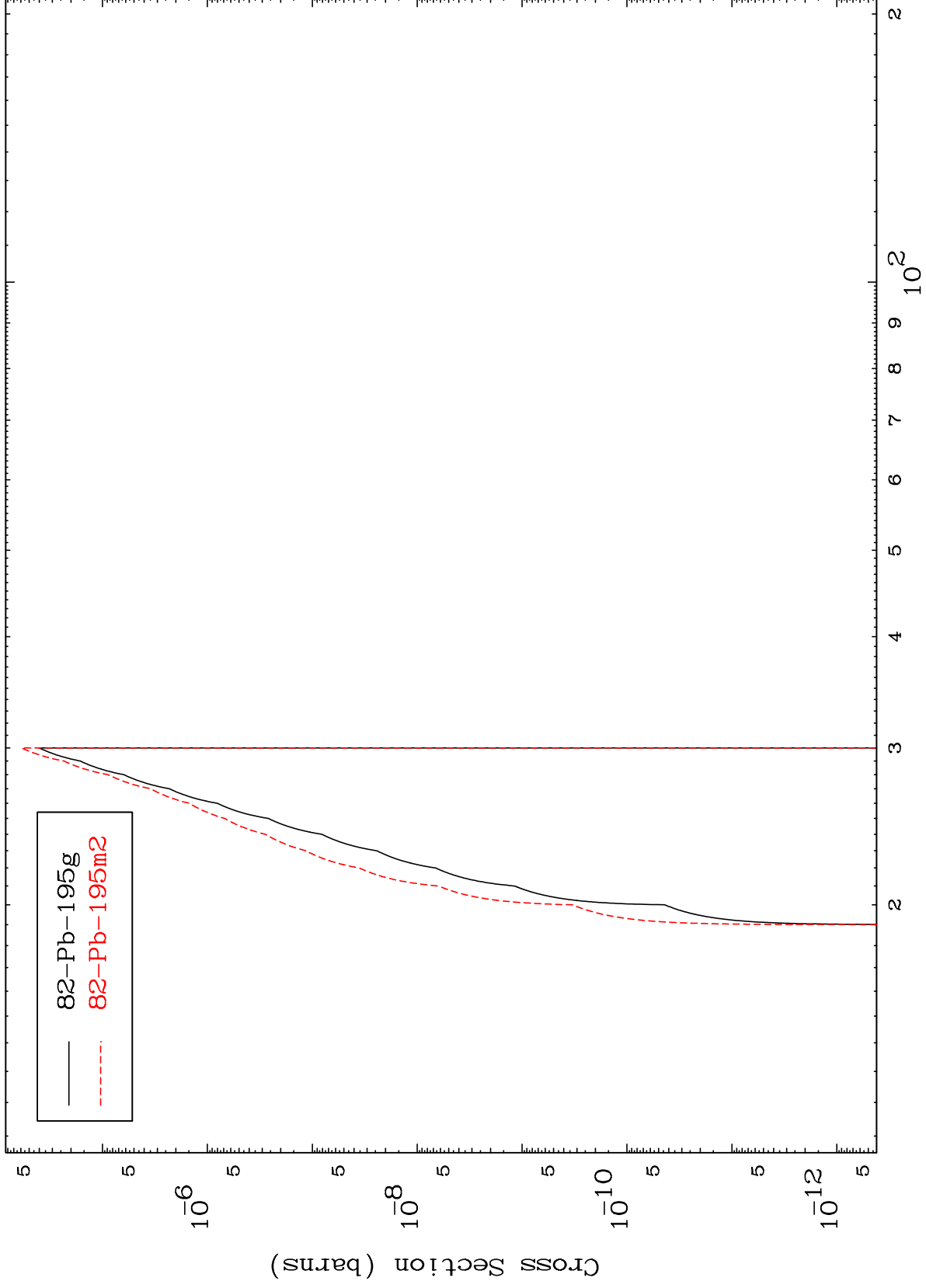


MAT 8411

(n,3n) α

84-Po-201m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

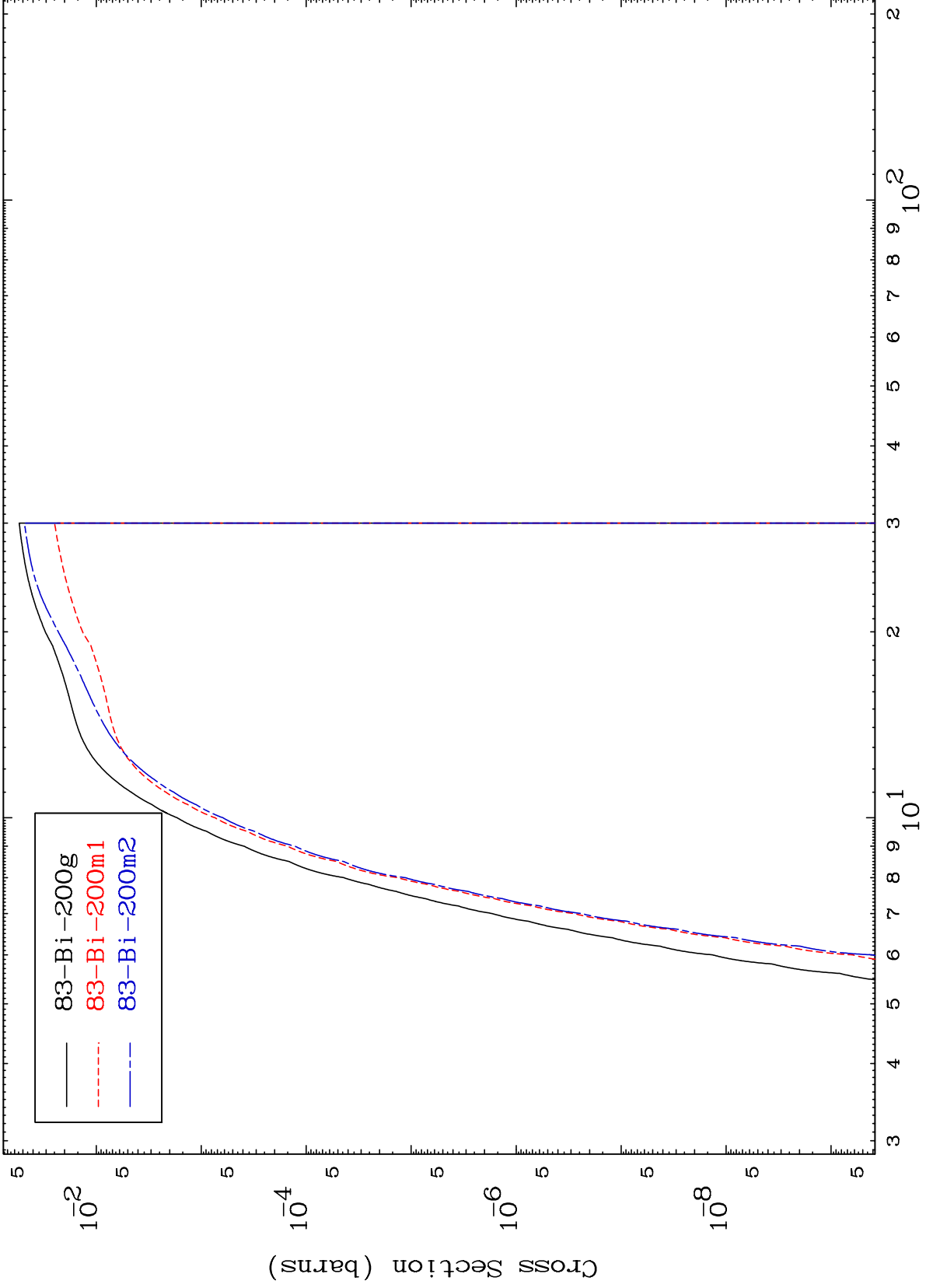
84-Po-201m

MAT 8411

84-Po-201m

(n,n') p

Radionuclide Production Cross Section



25

Incident Energy (MeV)

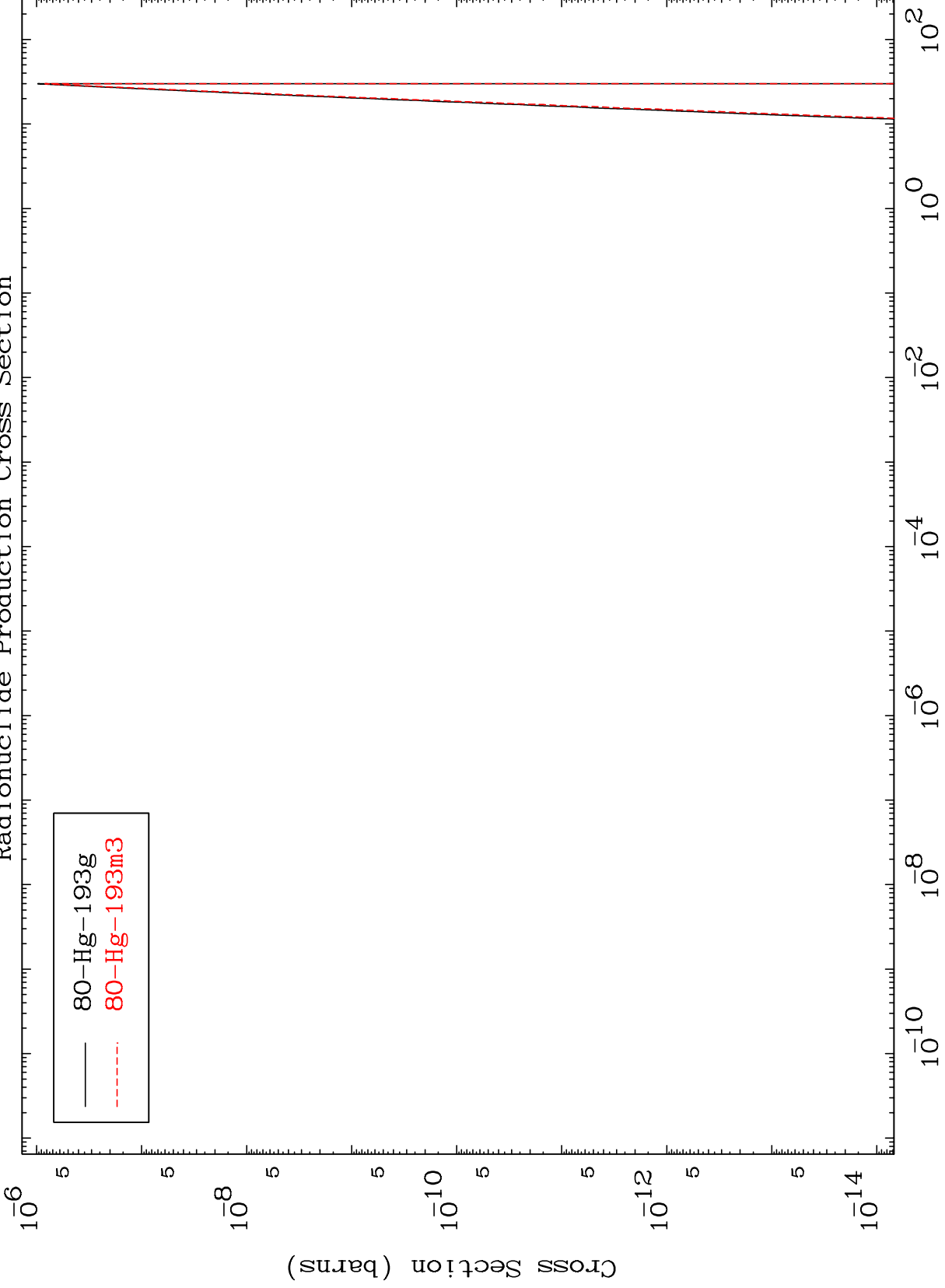
84-Po-201m

MAT 8411

(n,n') 2α

84-Po-201m

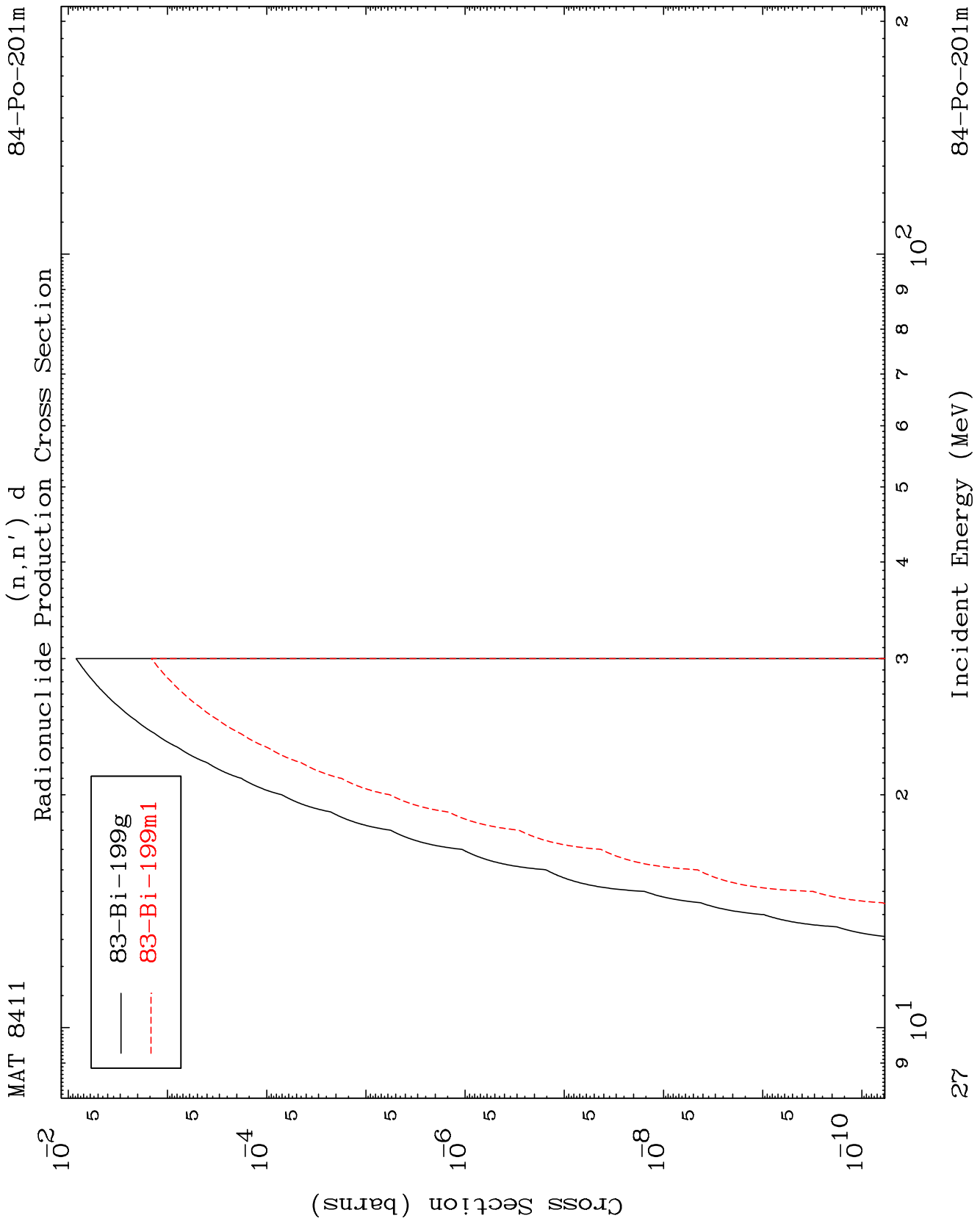
Radionuclide Production Cross Section



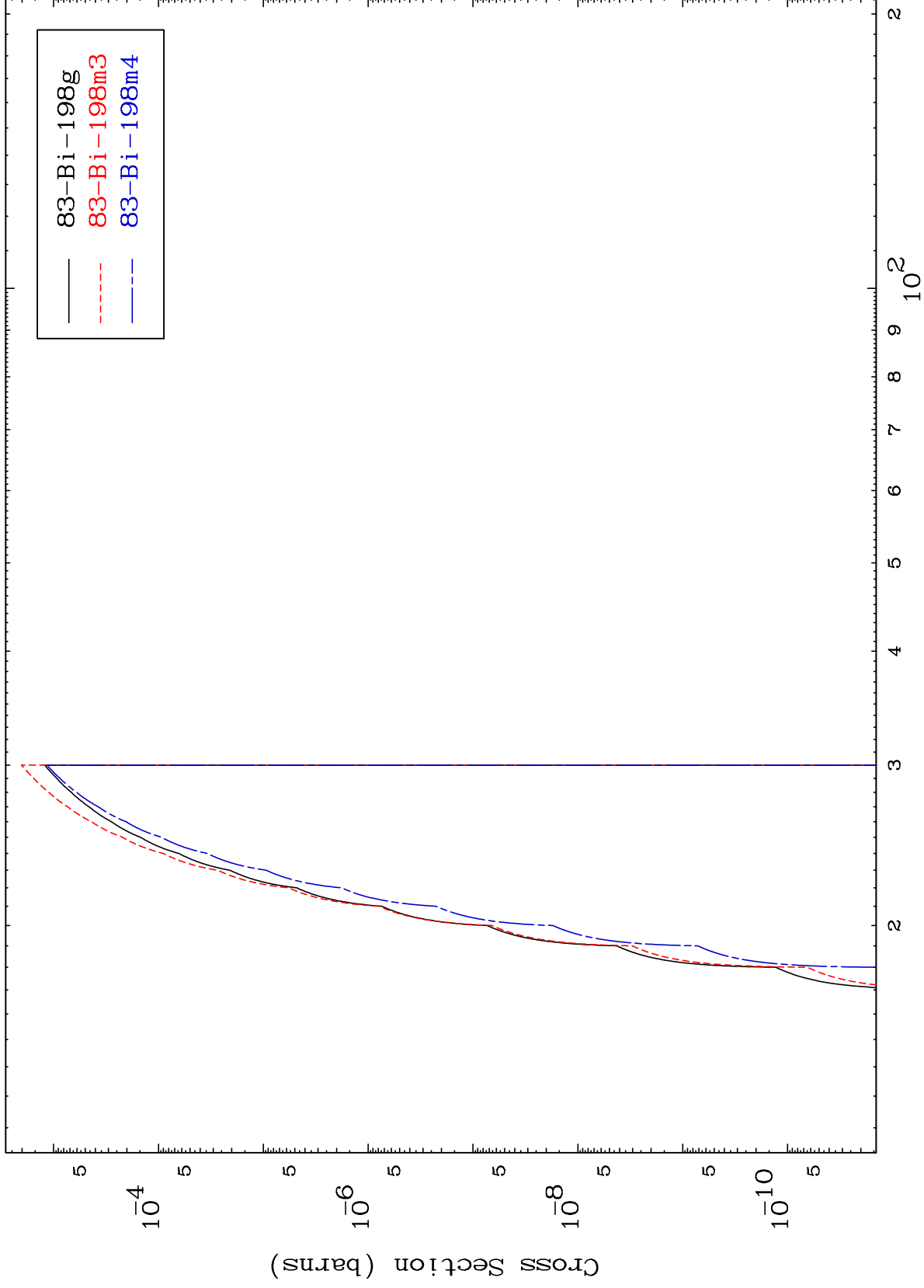
26

Incident Energy (MeV)

84-Po-201m



Radionuclide Production Cross Section

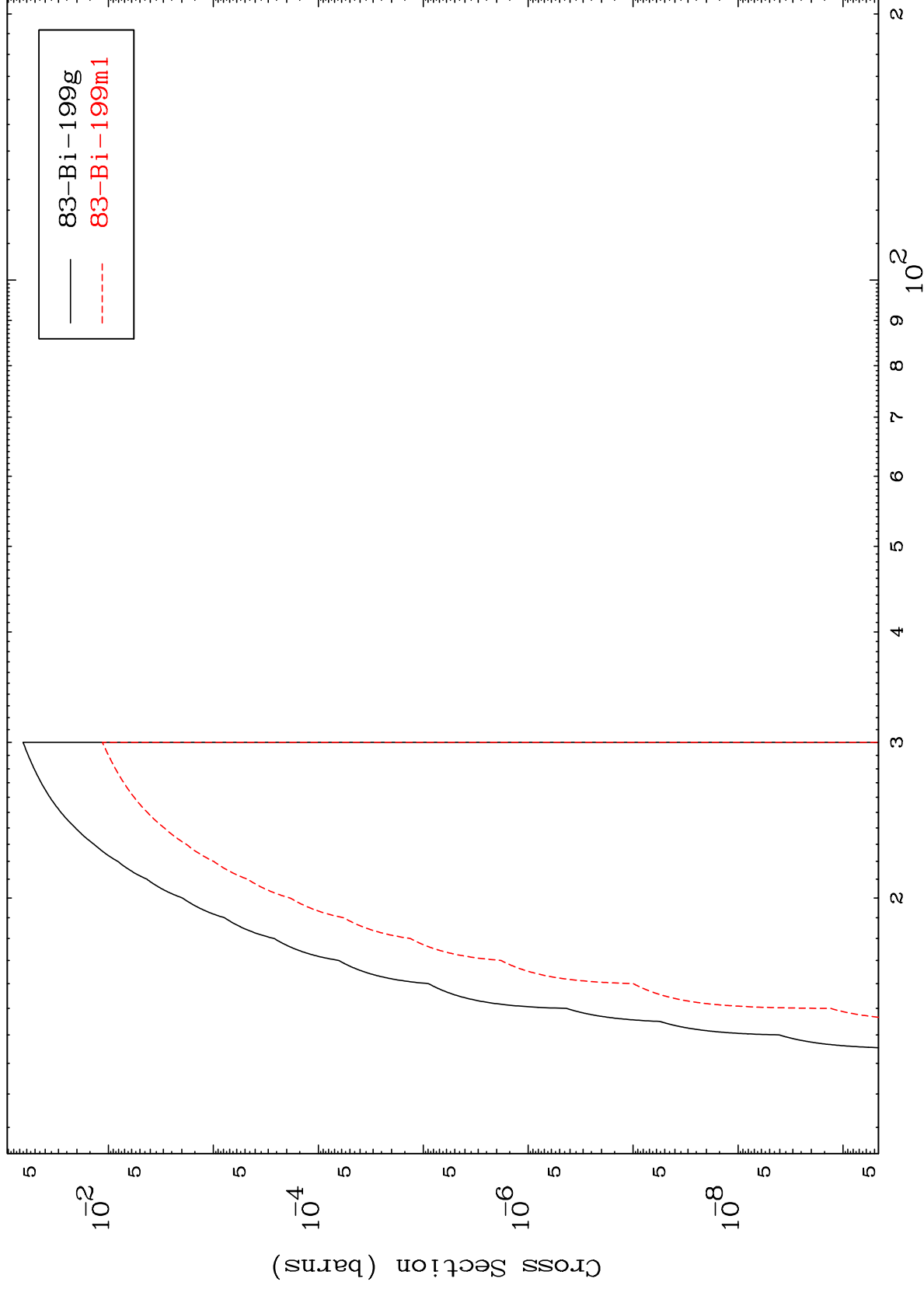


MAT 8411

(n,2n) p

84-Po-201m

Radionuclide Production Cross Section



29

Incident Energy (MeV)

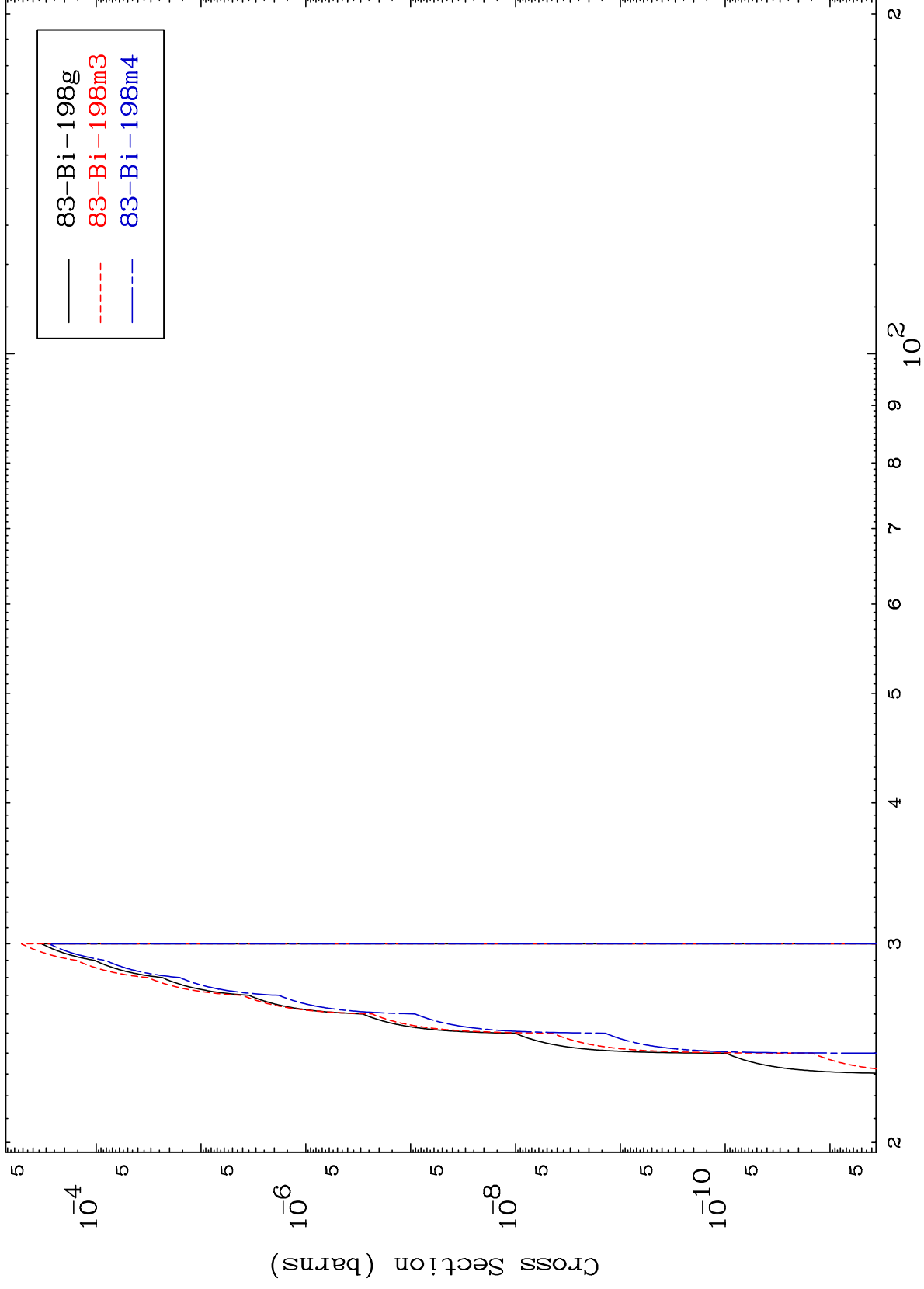
84-Po-201m

MAT 8411

(n,3n) p

84-Po-201m

Radionuclide Production Cross Section



30

Incident Energy (MeV)

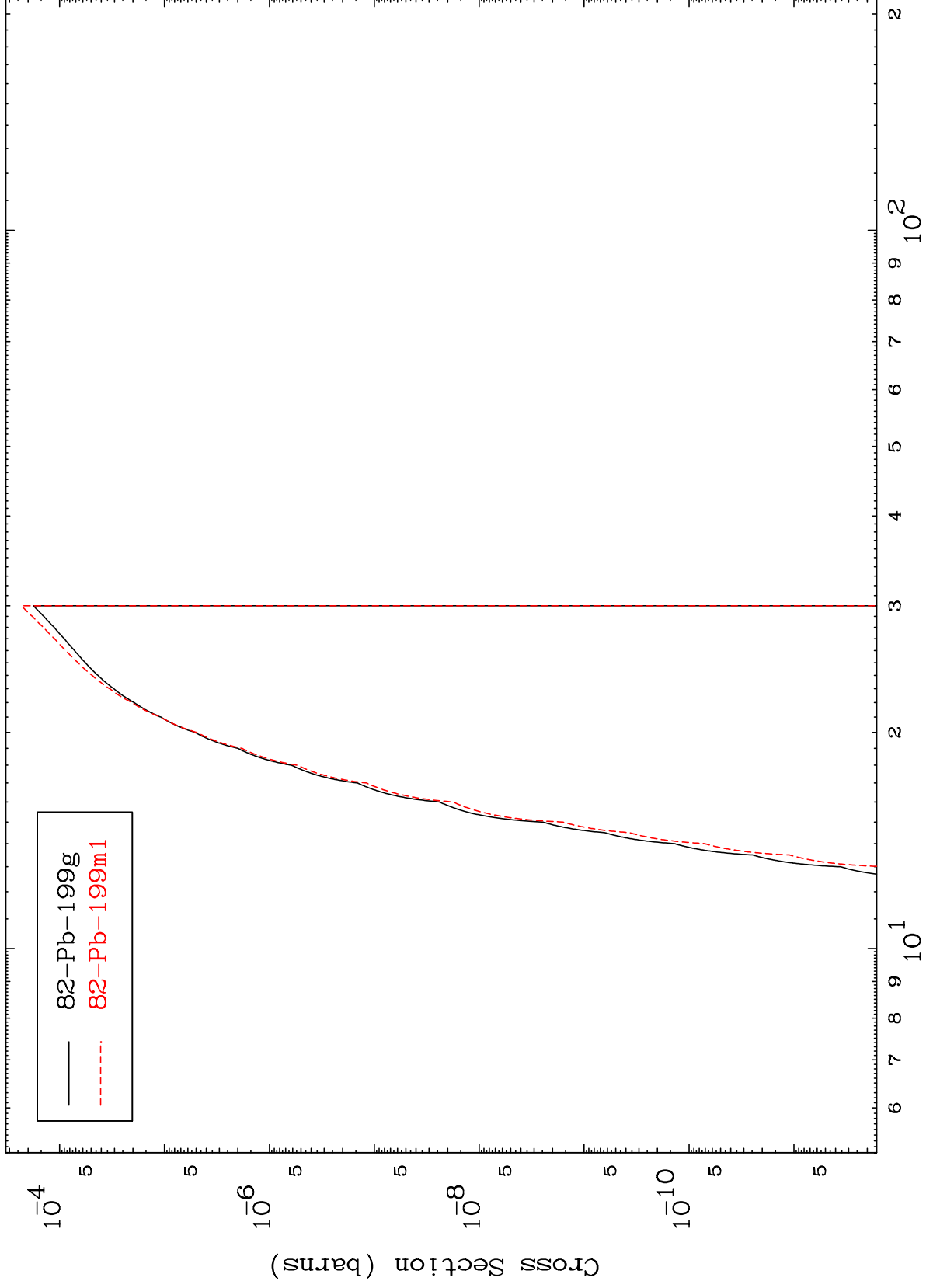
84-Po-201m

MAT 8411

84-Po-201m

(n,2n) p

Radionuclide Production Cross Section



31

Incident Energy (MeV)

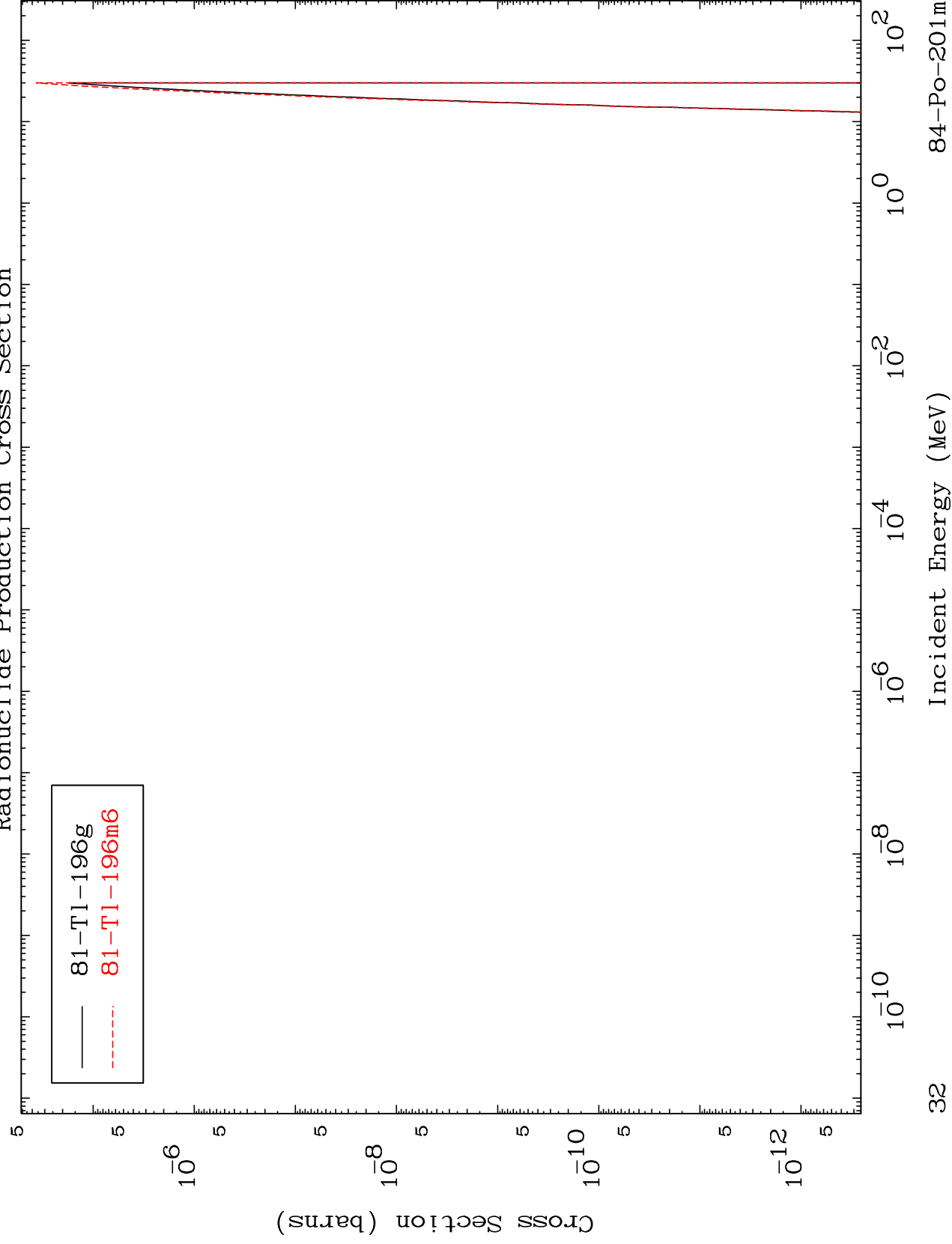
84-Po-201m

MAT 8411

(n,n') p α

84-Po-201m

Radionuclide Production Cross Section



32

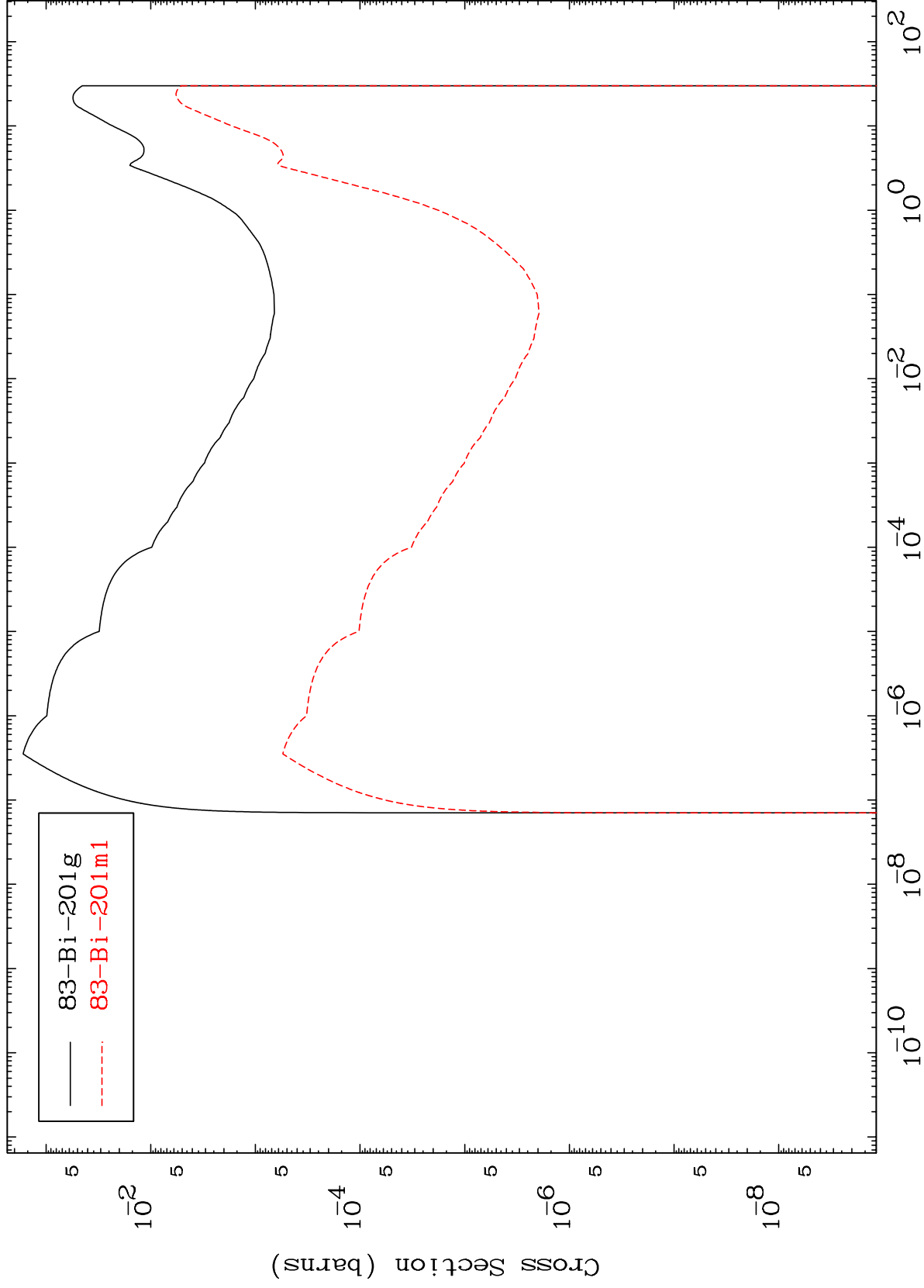
Incident Energy (MeV)

84-Po-201m

MAT 8411

84-Po-201m

(n,p)
Radionuclide Production Cross Section



33

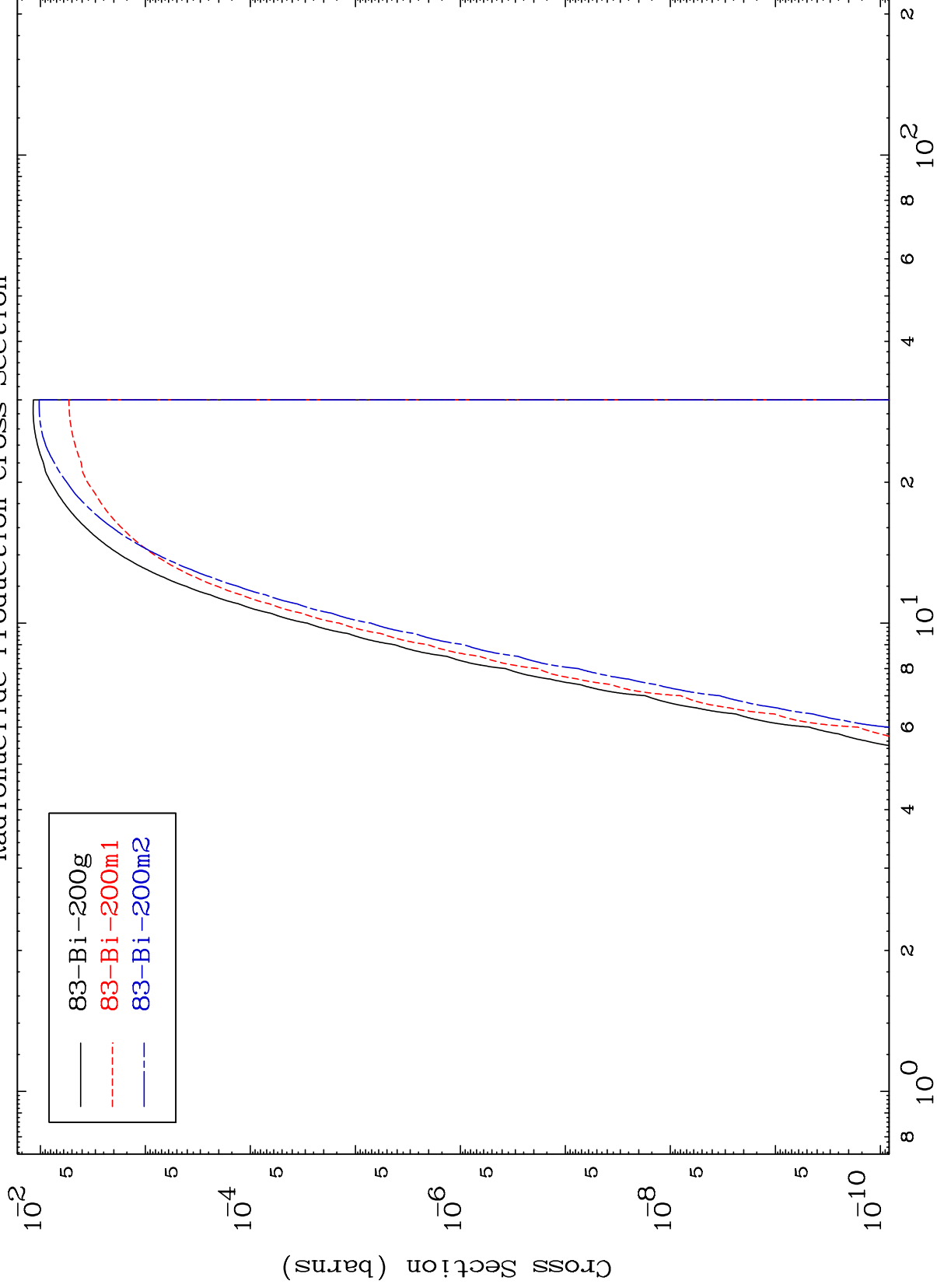
84-Po-201m

Incident Energy (MeV)

MAT 8411

84-Po-201m

(n,d)
Radionuclide Production Cross Section



34

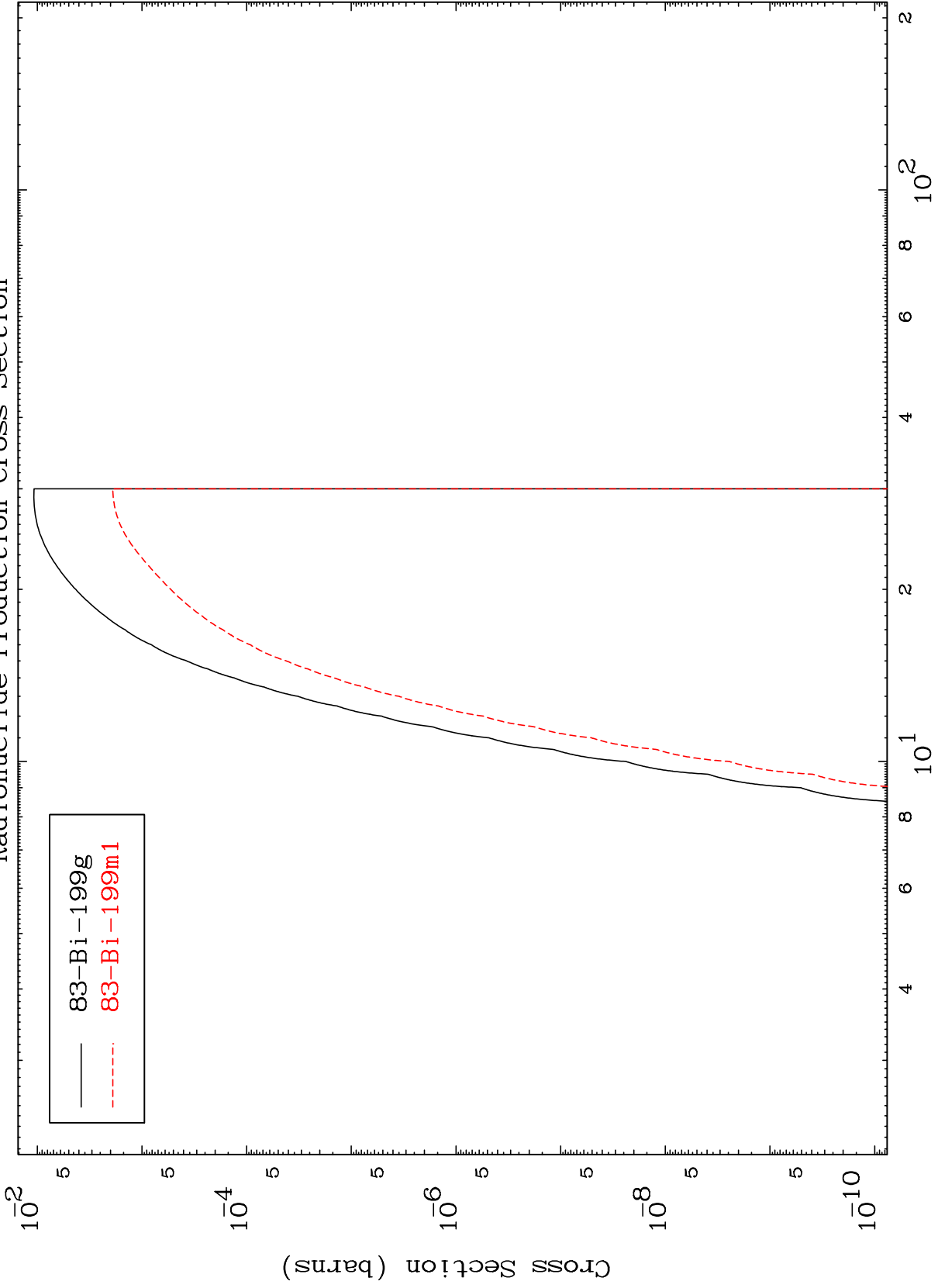
Incident Energy (MeV)

84-Po-201m

MAT 8411

84-Po-201m

(n,t)
Radionuclide Production Cross Section



35

84-Po-201m

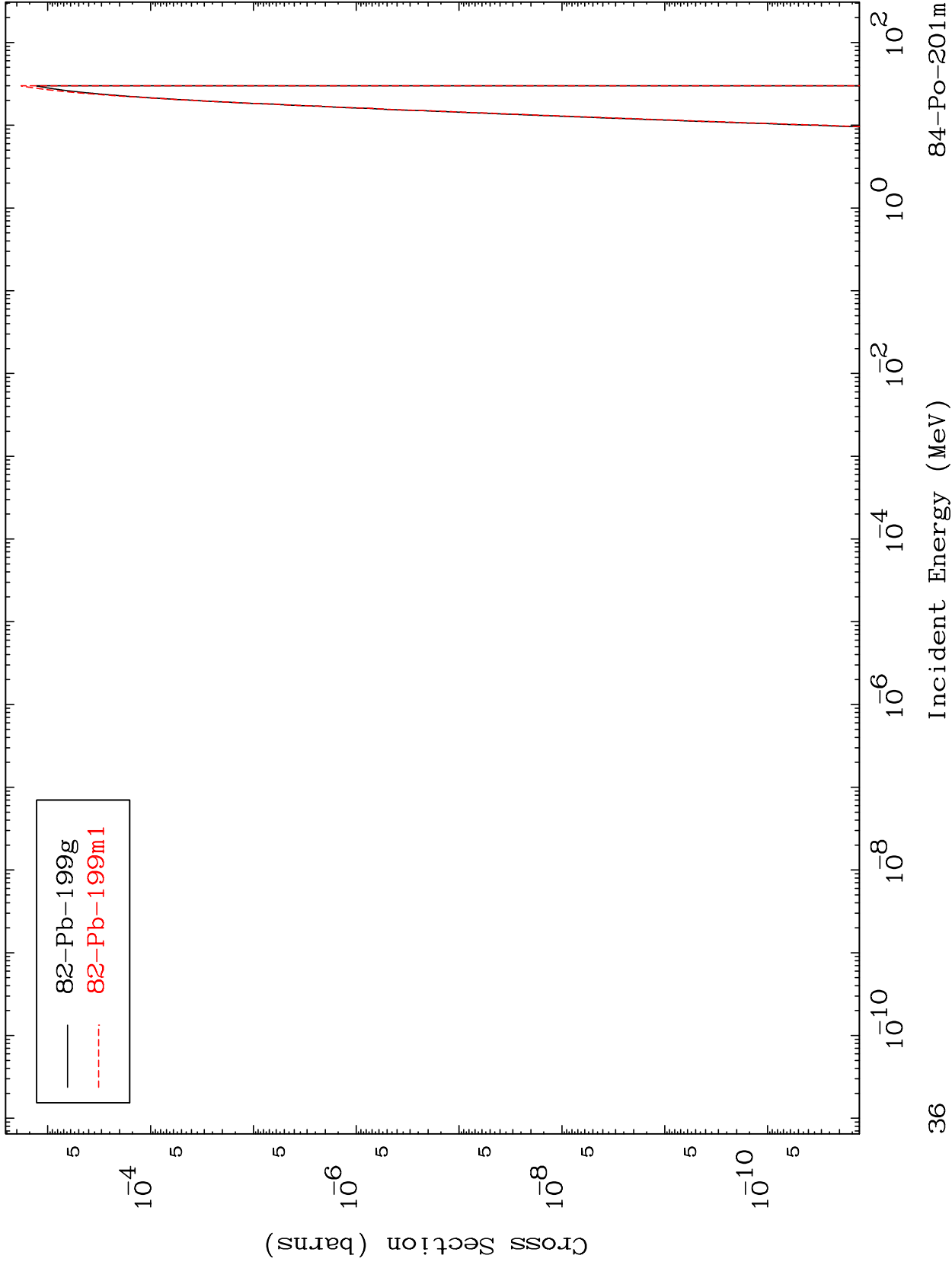
Incident Energy (MeV)

MAT 8411

(n,He-3)

84-Po-201m

Radionuclide Production Cross Section

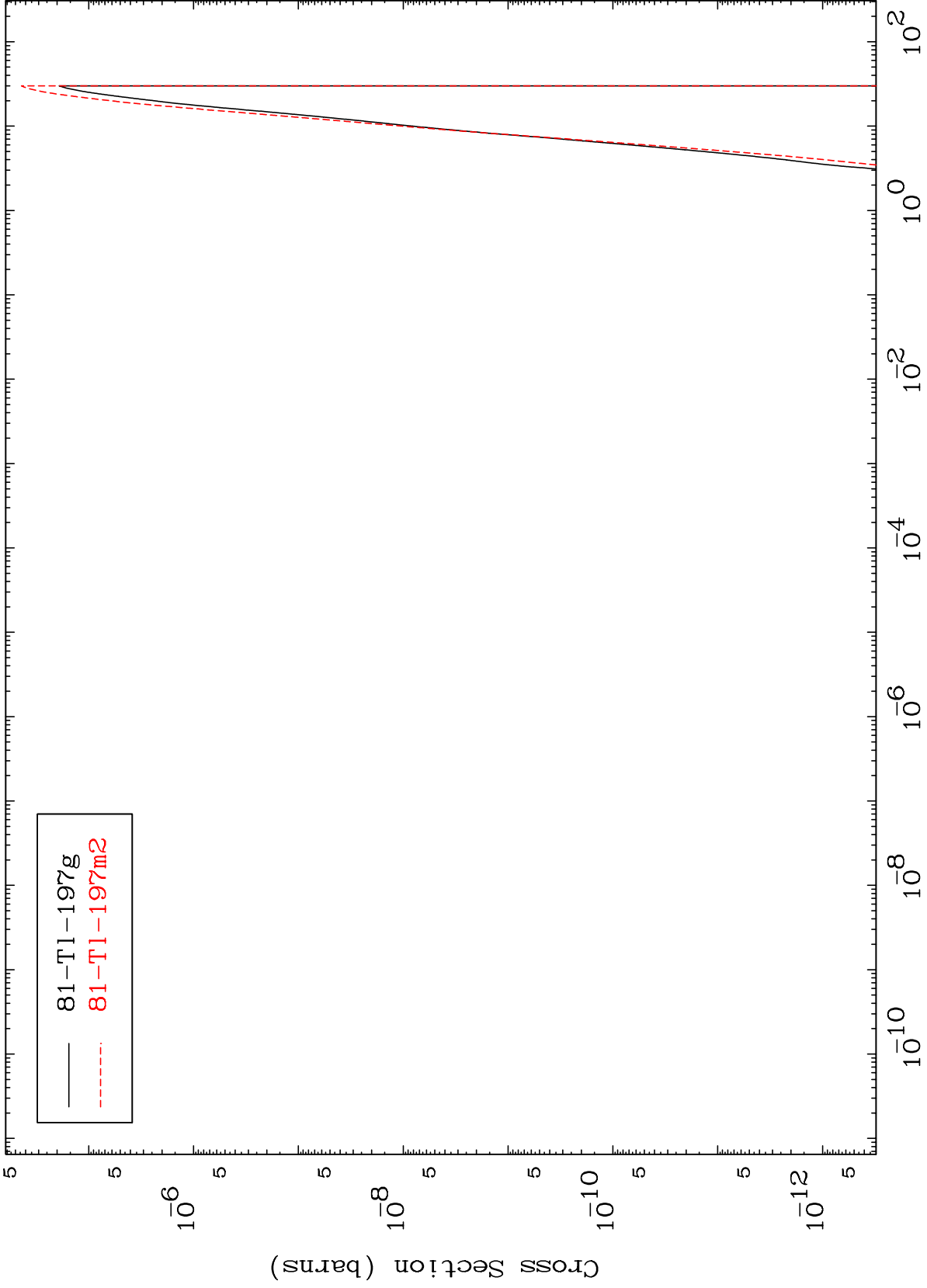


MAT 8411

(n,p) α

84-Po-201m

Radionuclide Production Cross Section

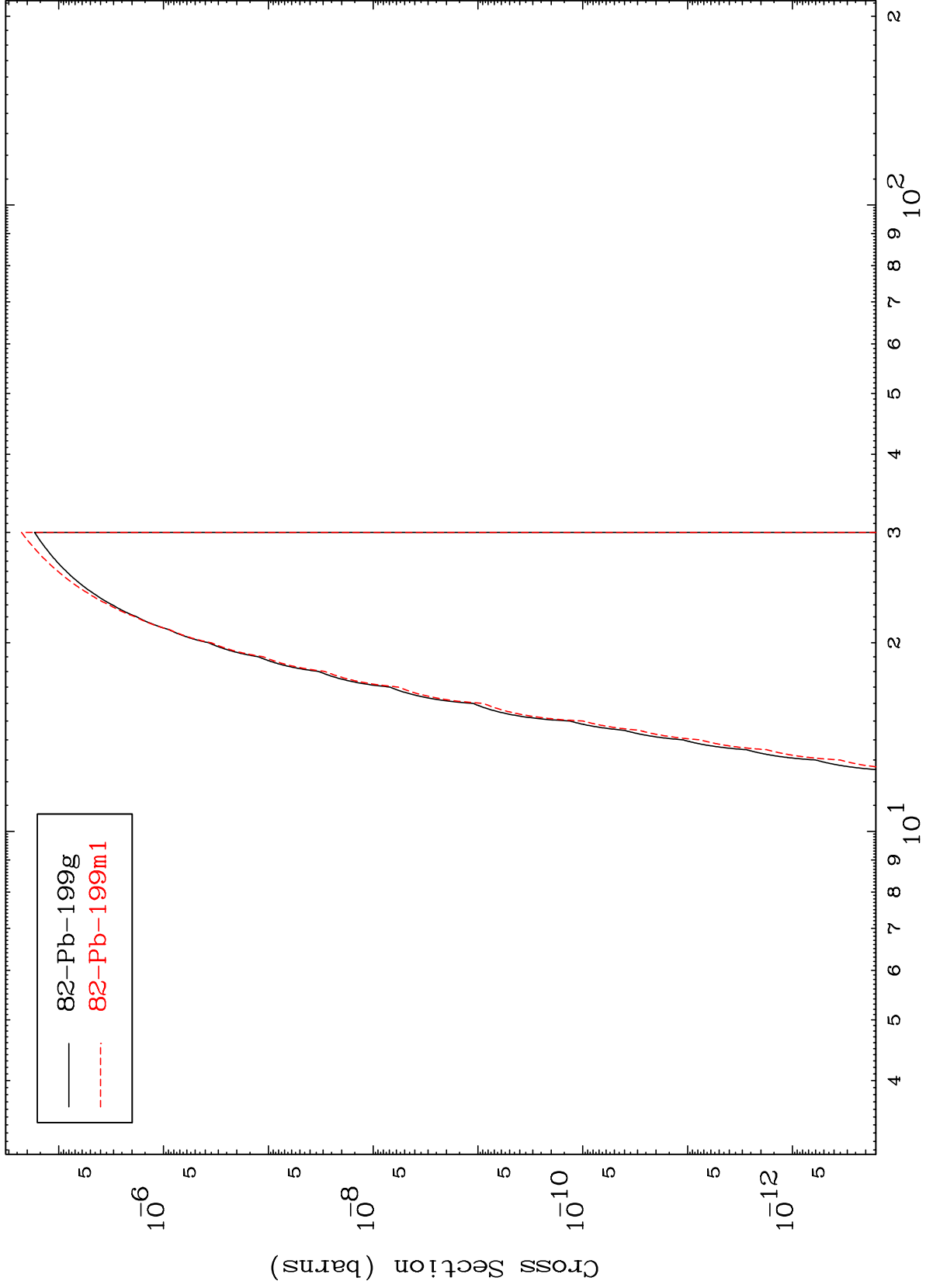


MAT 8411

(n,p) d

84-Po-201m

Radionuclide Production Cross Section



38

Incident Energy (MeV)

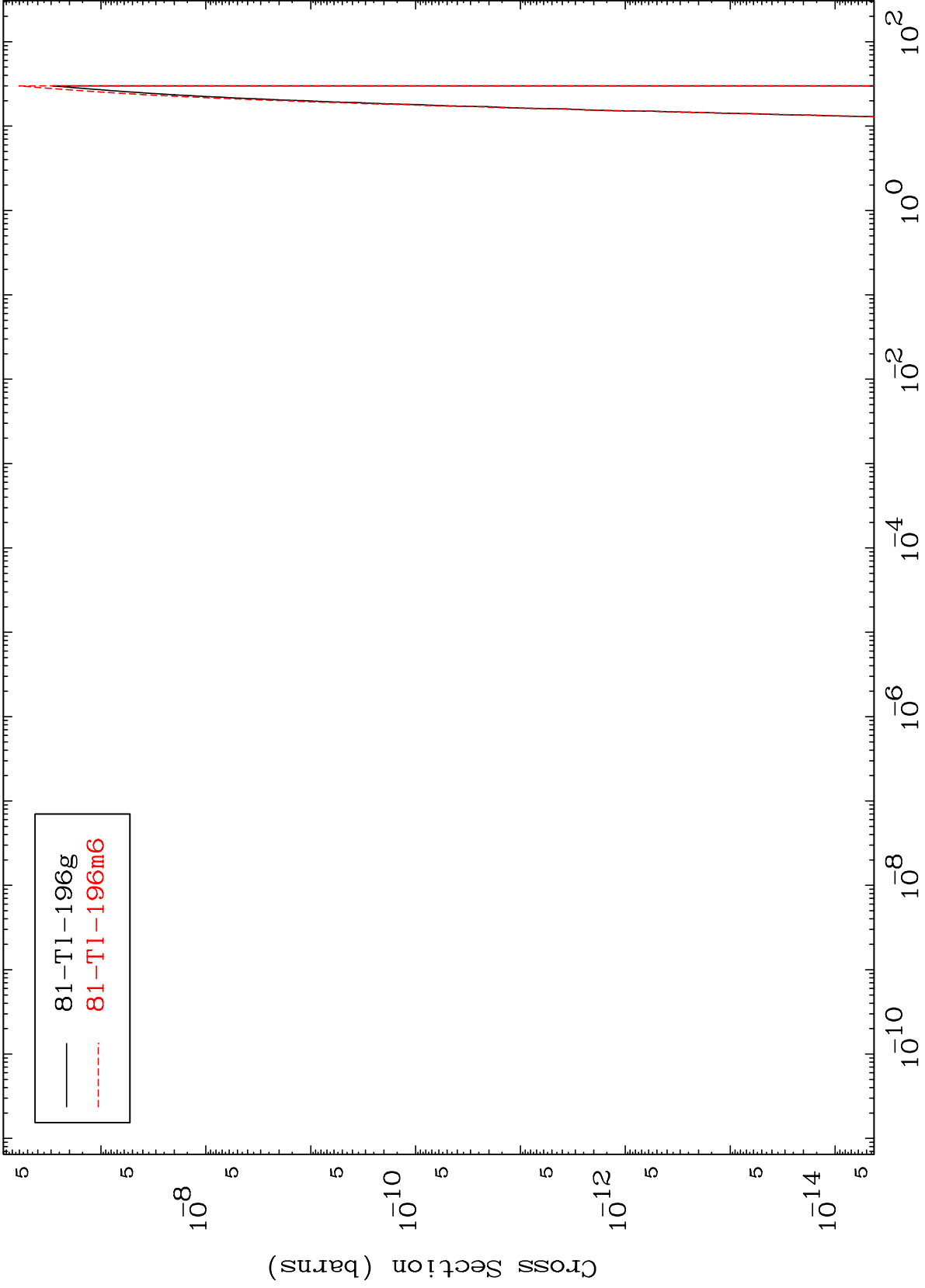
84-Po-201m

MAT 8411

(n,d) α

84-Po-201m

Radionuclide Production Cross Section



39

Incident Energy (MeV)

84-Po-201m