

Program EVALPLOT
(Version 2017-1)

by

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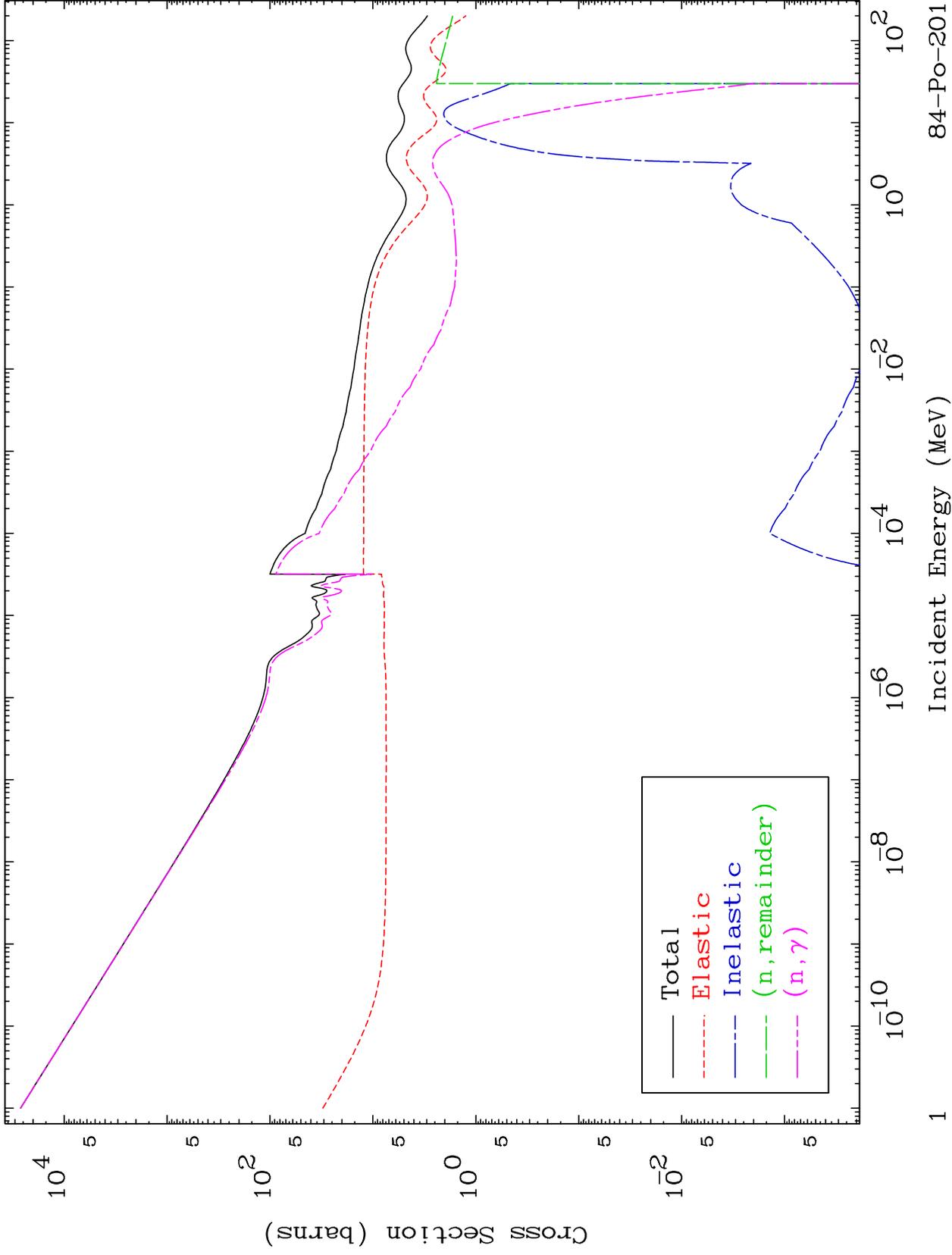
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Press Mouse Button to Start

MAT 8411

Major
293 Kelvin Cross Sections

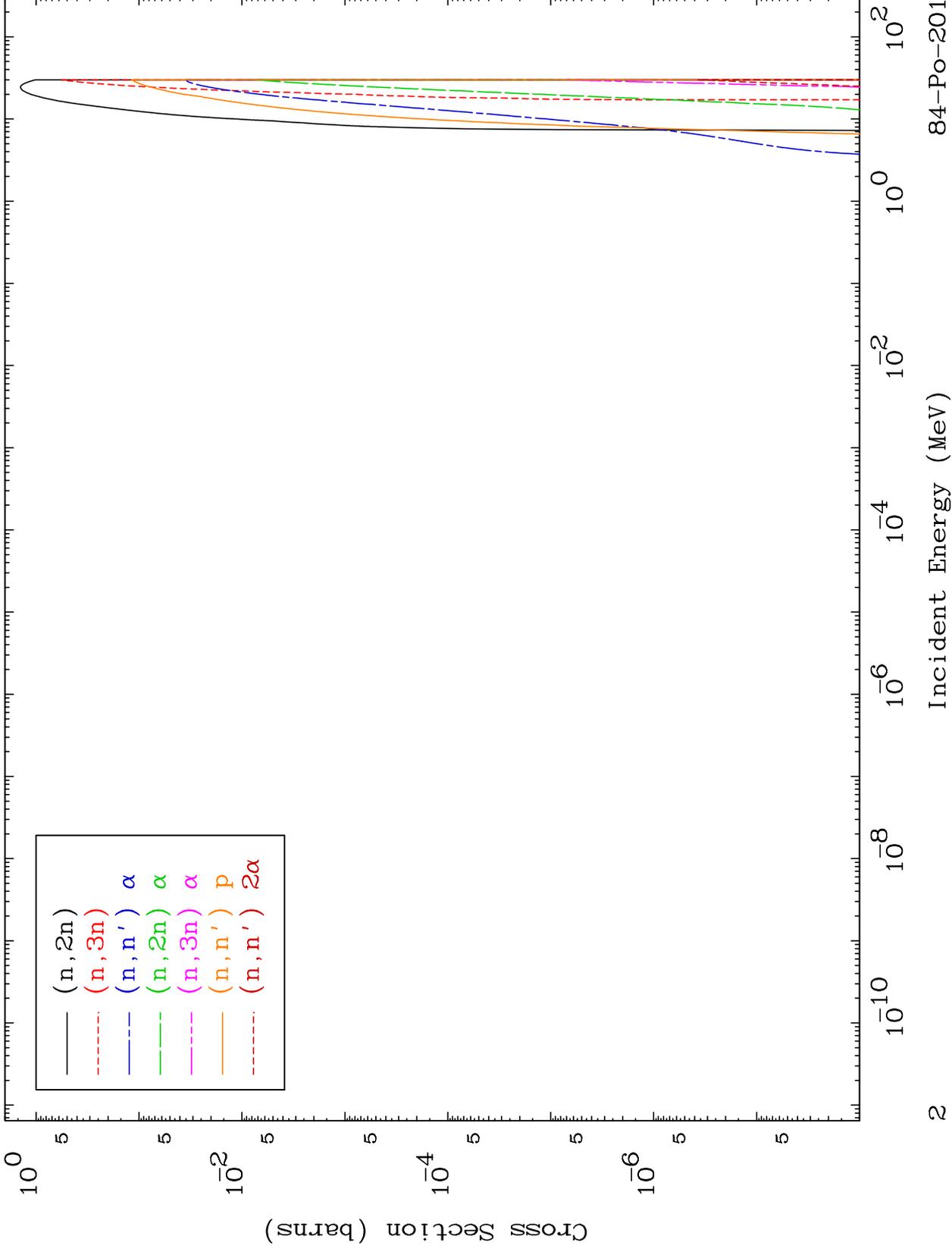
84-Po-201



MAT 8411

Neutron Production
293 Kelvin Cross Sections

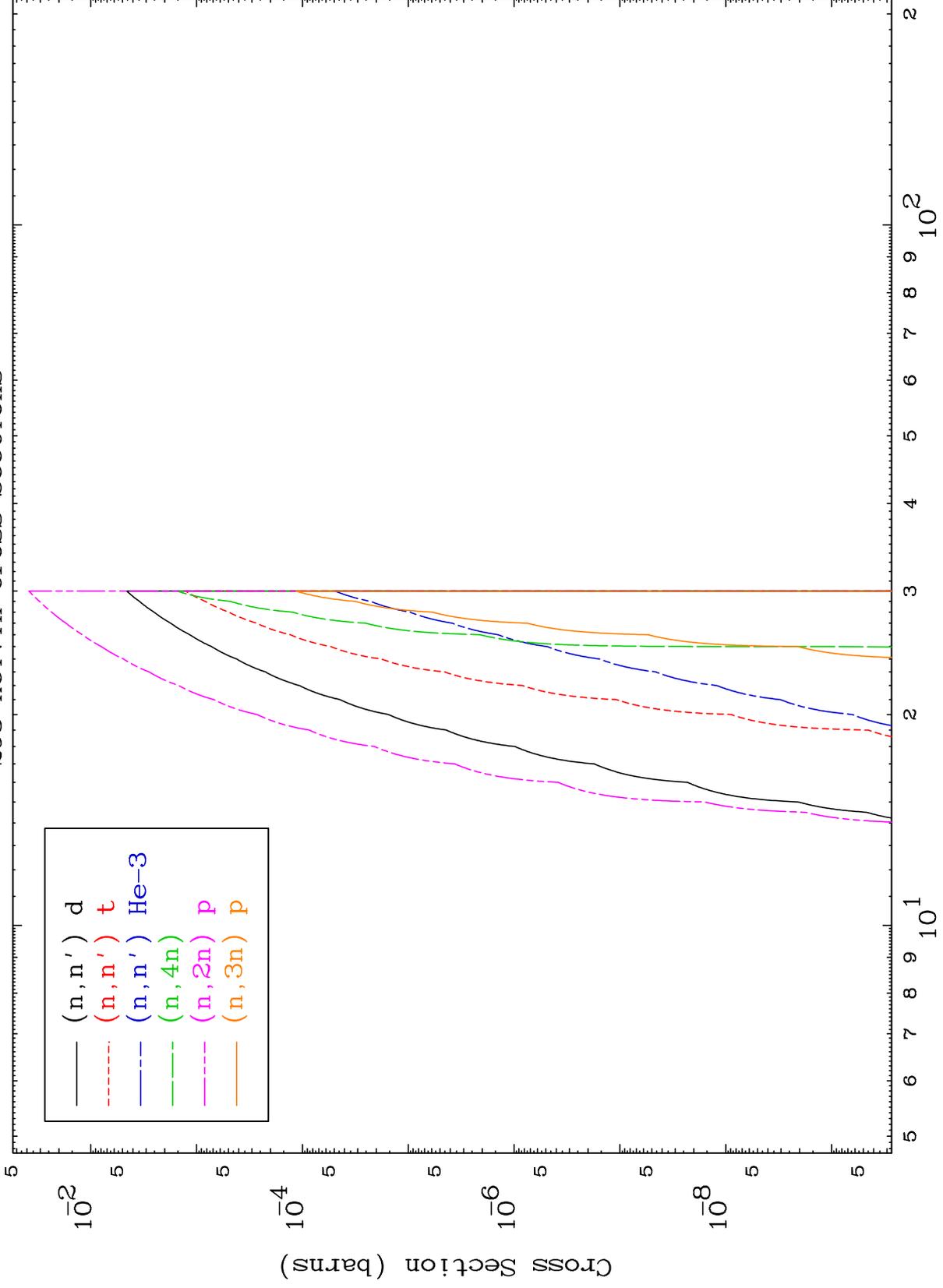
84-Po-201



MAT 8411

Neutron Production
293 Kelvin Cross Sections

84-Po-201



3

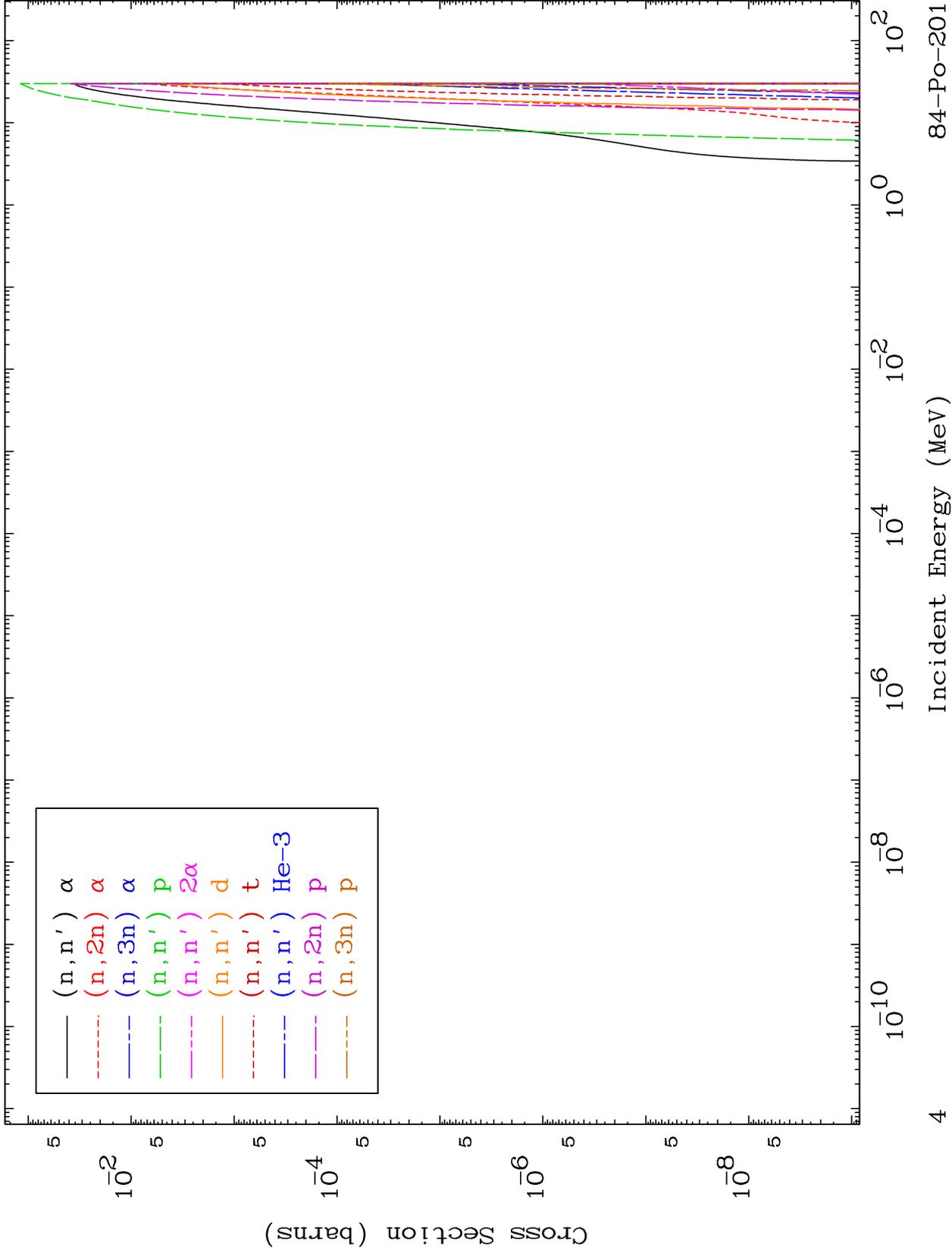
Incident Energy (MeV)

84-Po-201

MAT 8411

Charged Particle
293 Kelvin Cross Sections

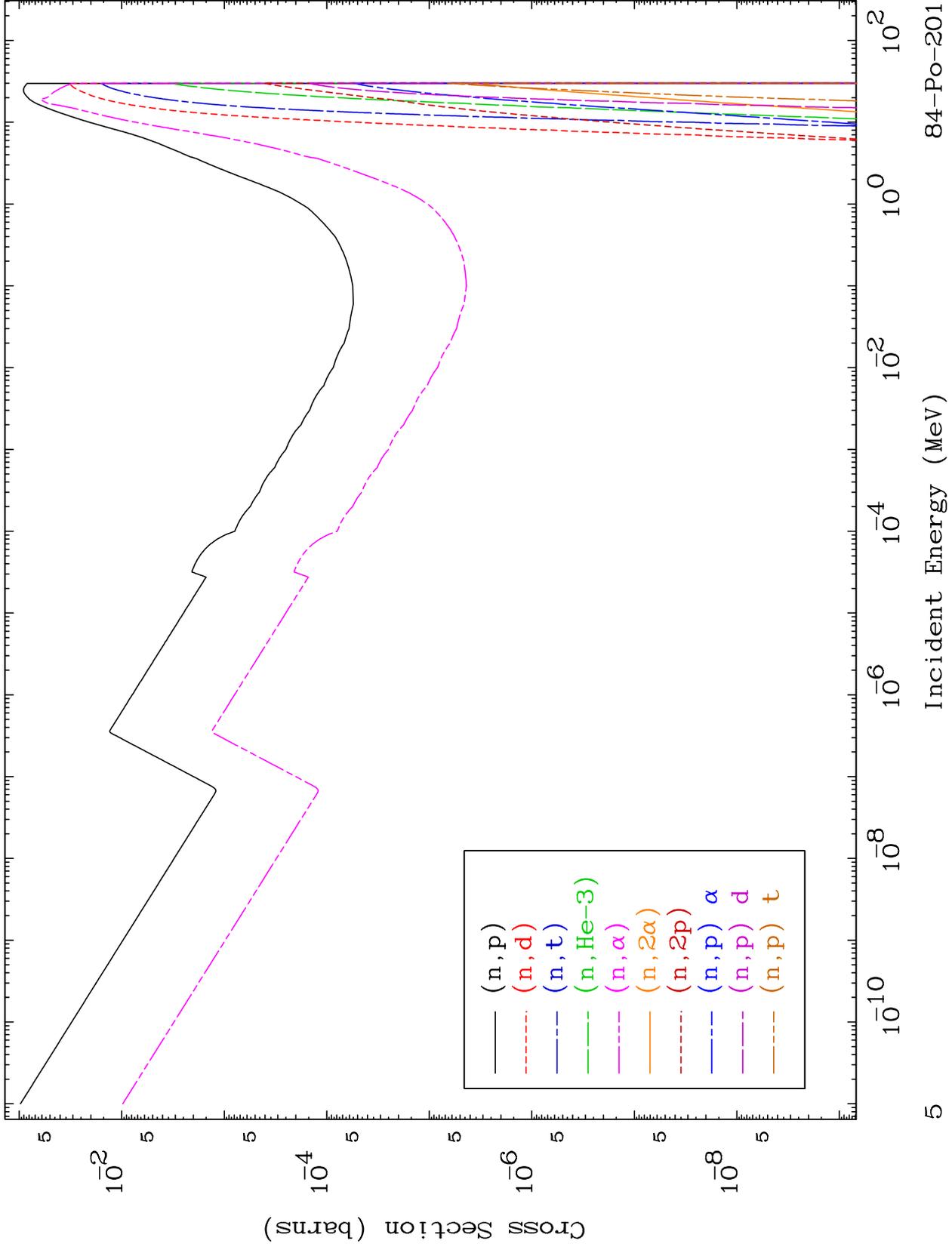
84-Po-201



MAT 8411

Charged Particle
293 Kelvin Cross Sections

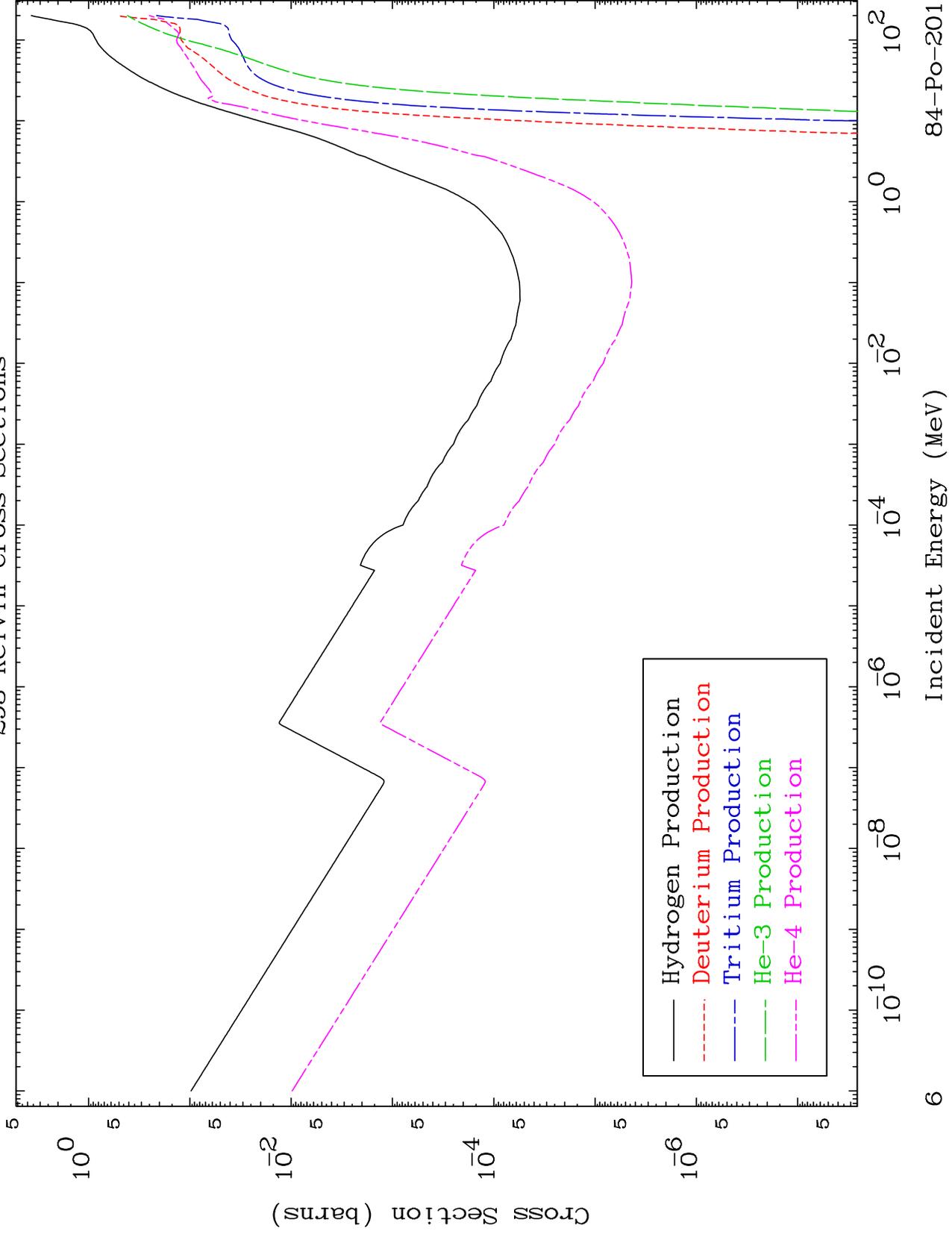
84-Po-201



MAT 8411

Particle Production
293 Kelvin Cross Sections

84-Po-201

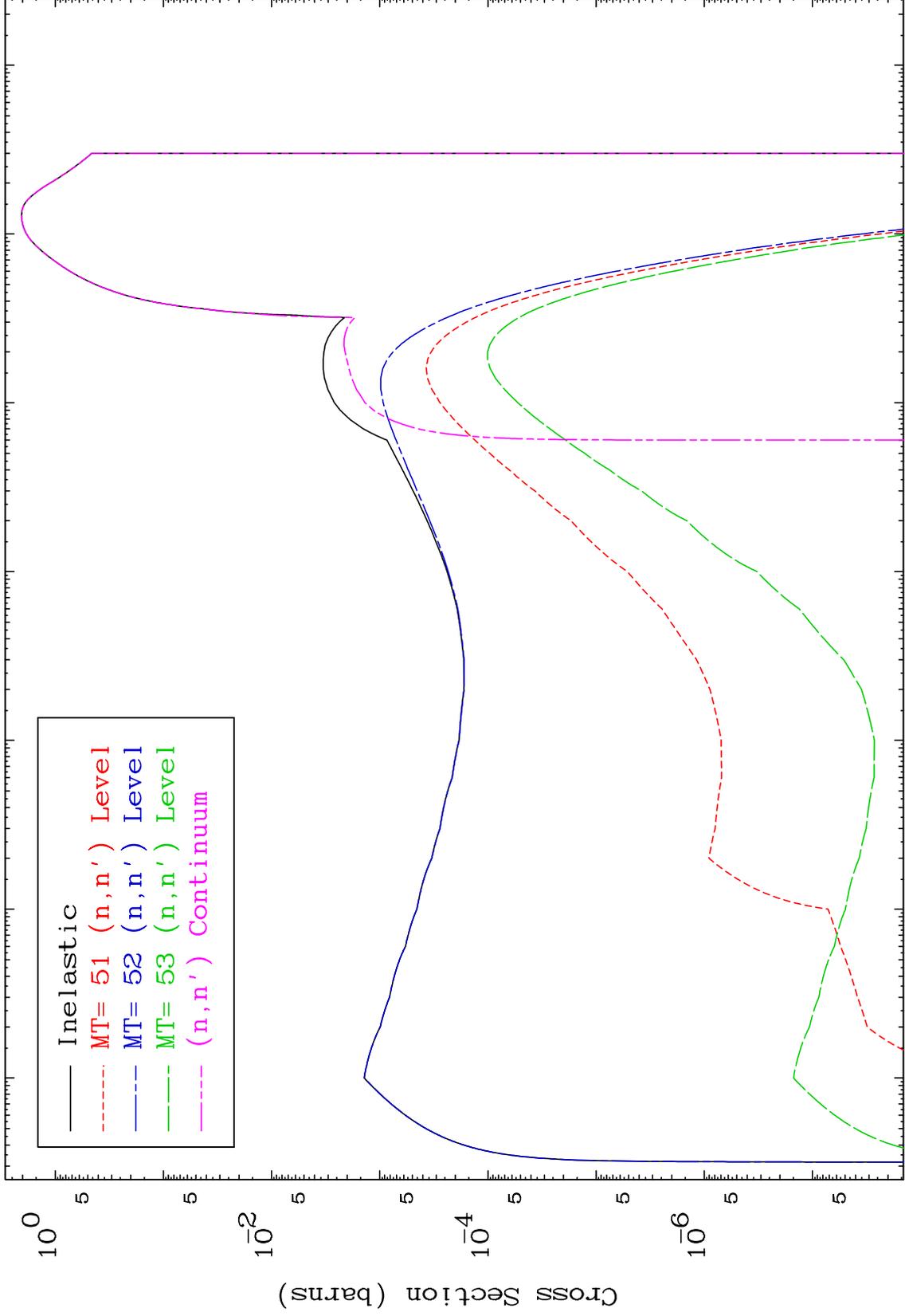


MAT 8411

(n,n') Level

84-Po-201

293 Kelvin Cross Sections



84-Po-201

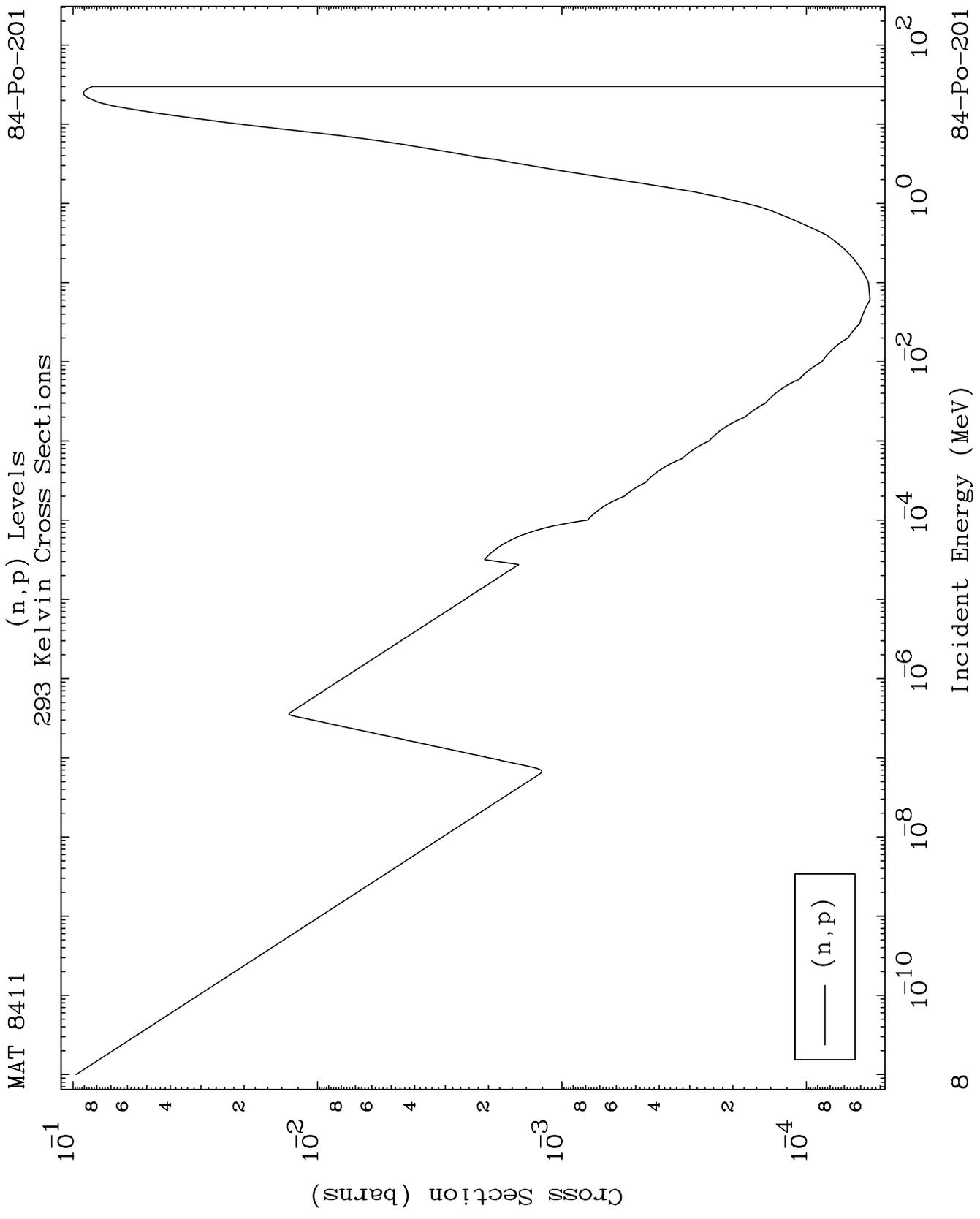
84-Po-201

84-Po-201

84-Po-201

84-Po-201

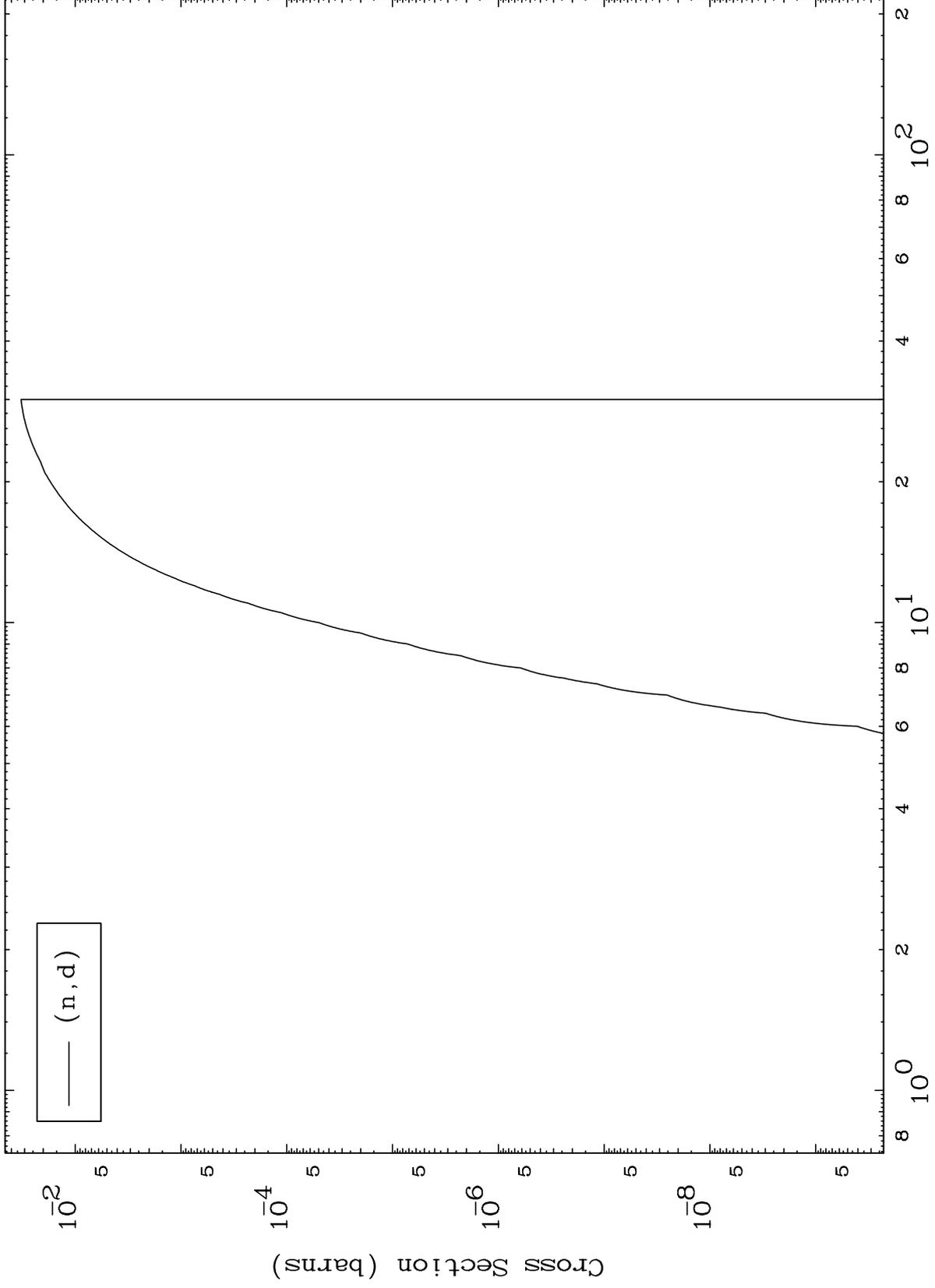
Incident Energy (MeV)



MAT 8411

(n,d) Levels
293 Kelvin Cross Sections

84-Po-201



9

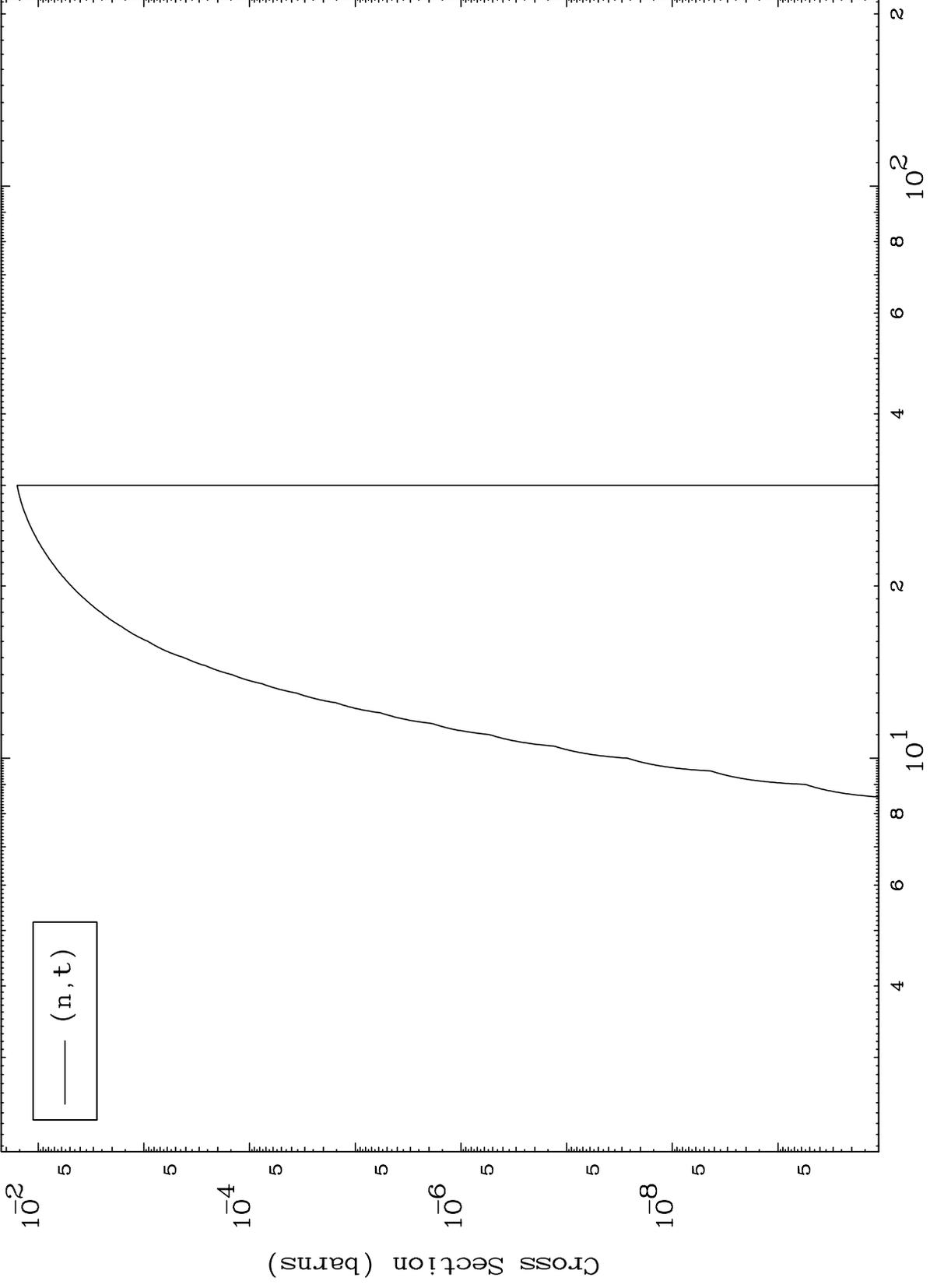
Incident Energy (MeV)

84-Po-201

MAT 8411

(n,t) Levels
293 Kelvin Cross Sections

84-Po-201



10

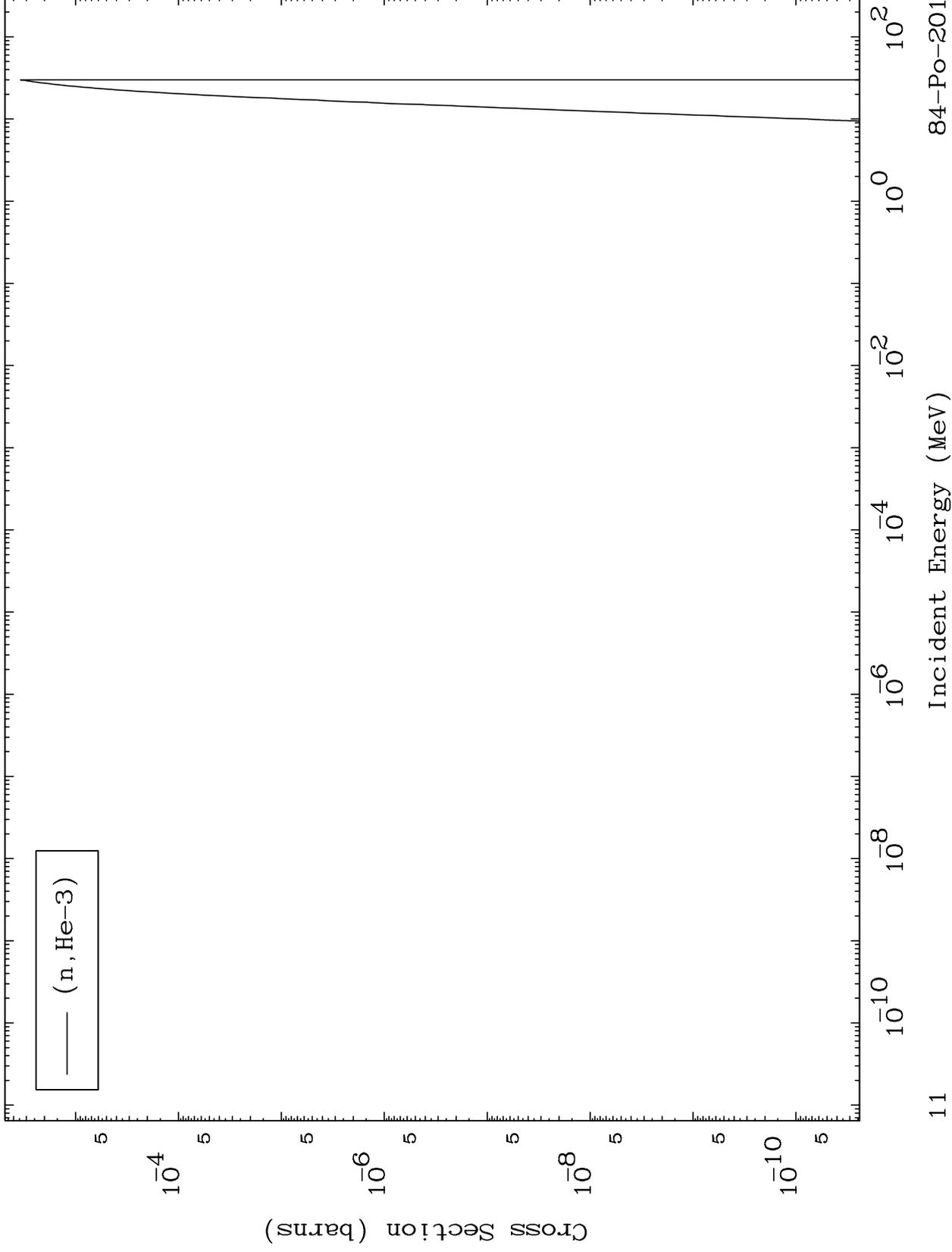
Incident Energy (MeV)

84-Po-201

MAT 8411

(n,He3) Levels
293 Kelvin Cross Sections

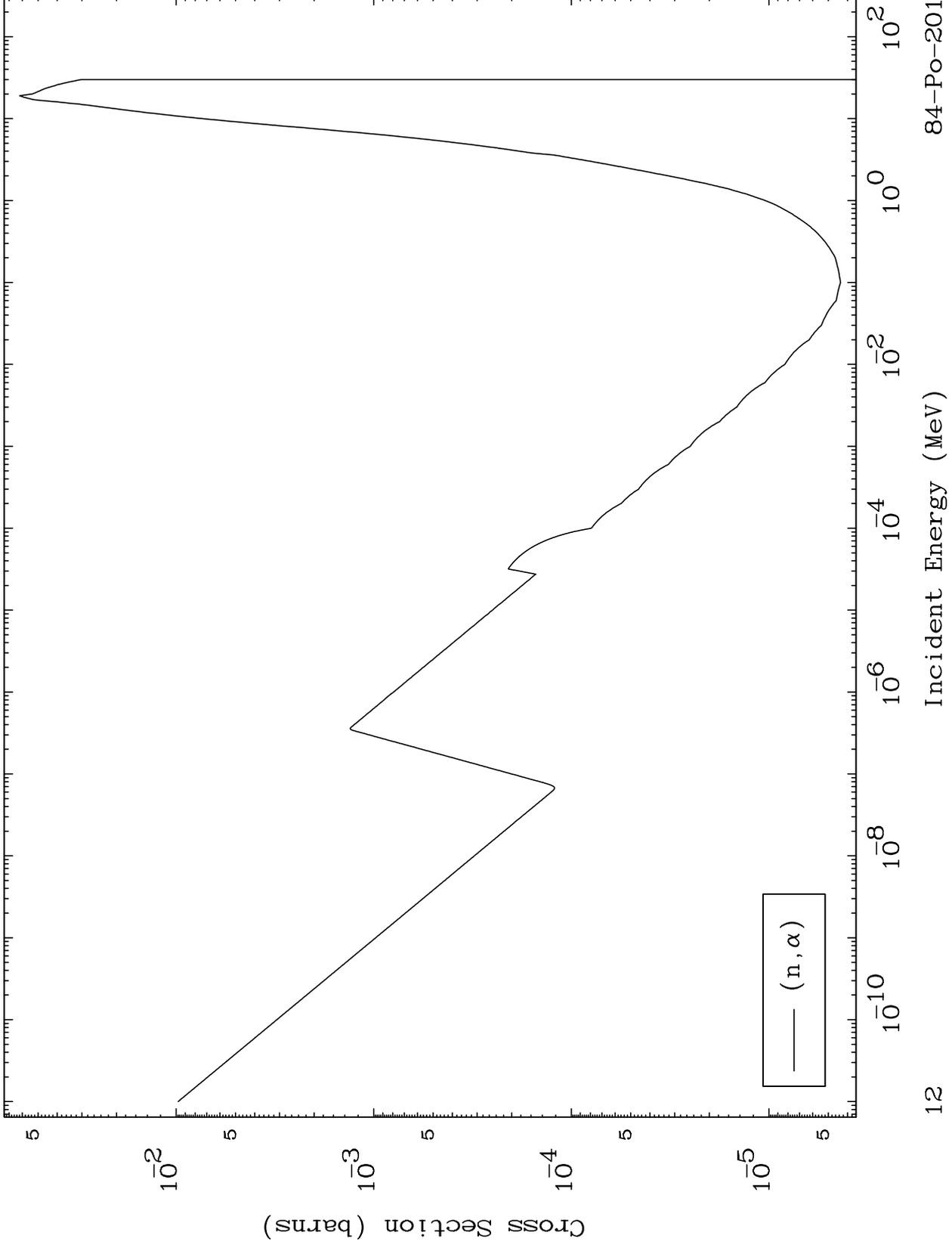
84-Po-201



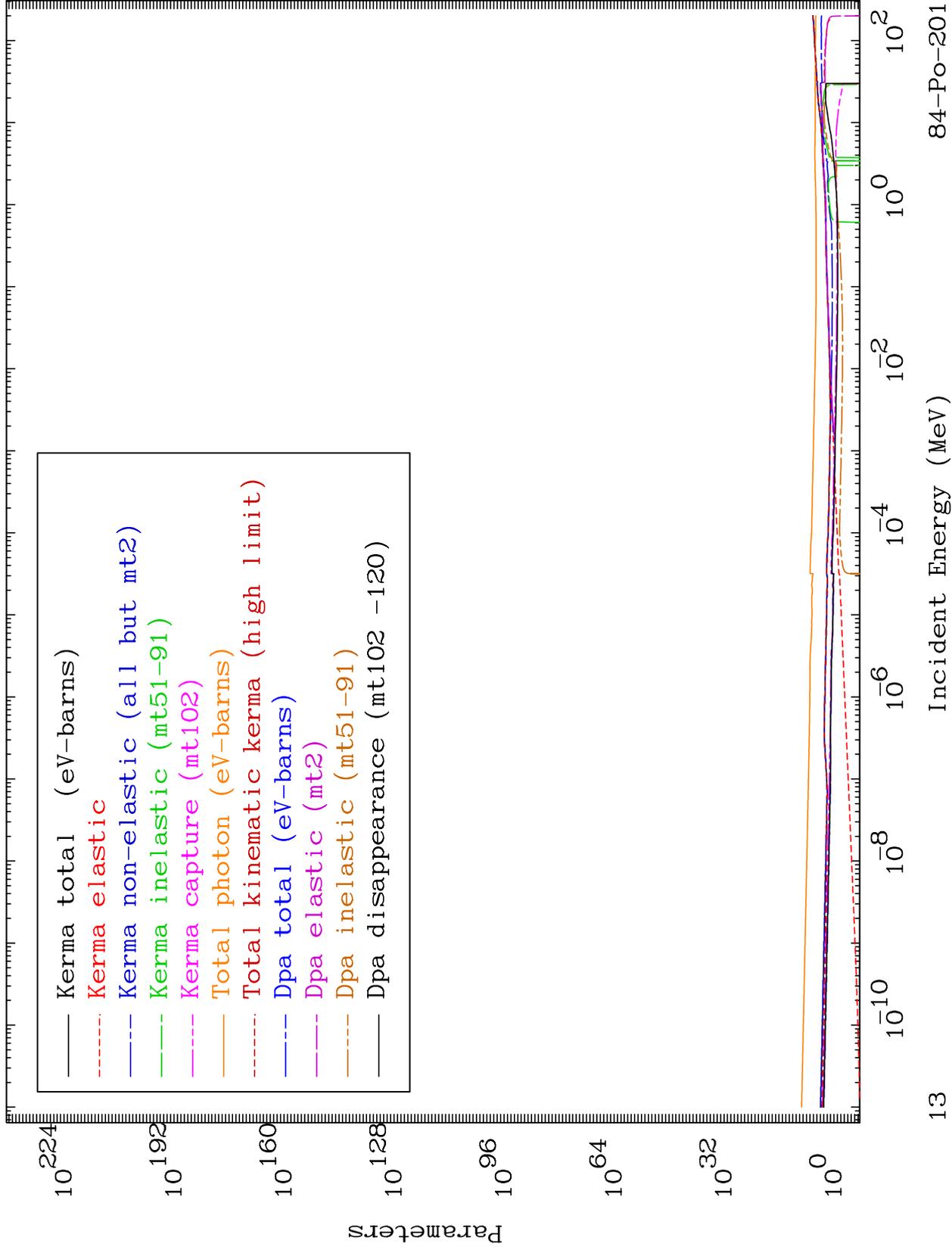
MAT 8411

(n, α) Levels
293 Kelvin Cross Sections

84-Po-201



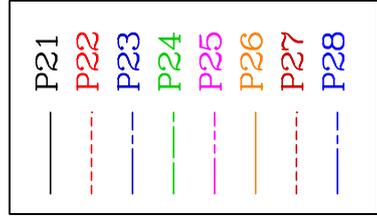
12



MAT 8411

Elastic
Legendre Coefficients

84-Po-201



$\times 10^{-6}$

2.0

1.5

1.0

0.5

0.0

Legendre (CM)

15

20

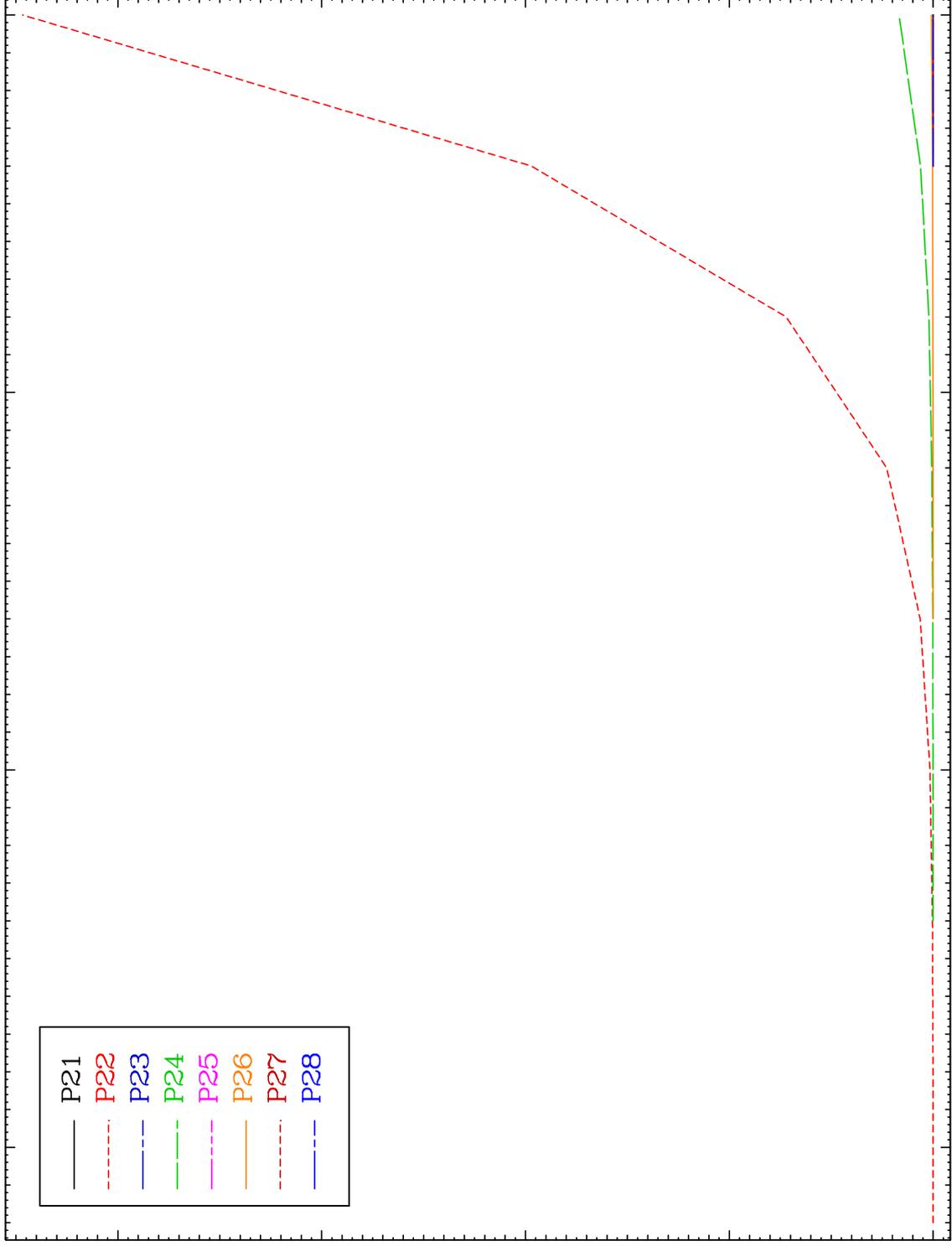
25

30

16

Incident Energy (MeV)

84-Po-201

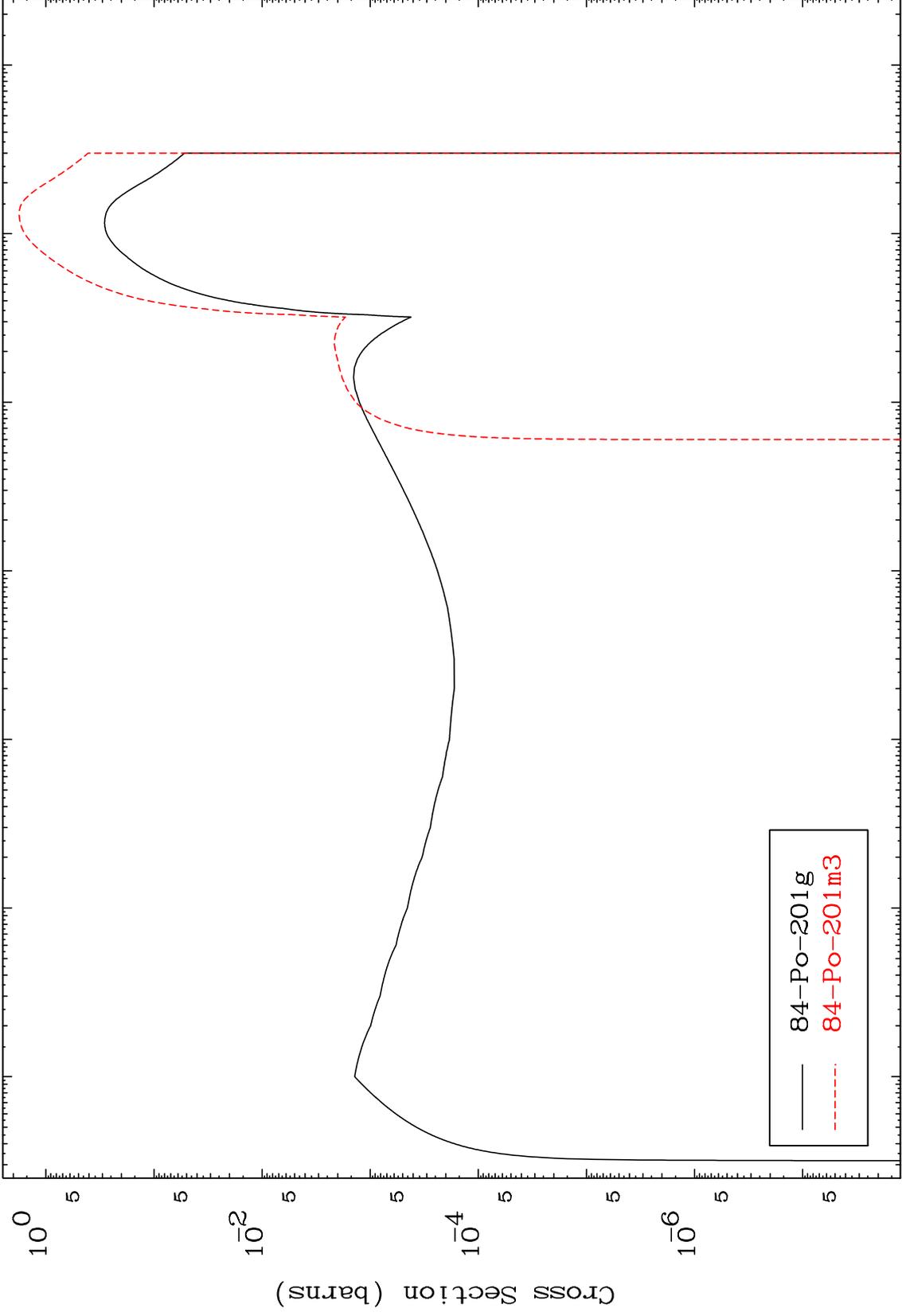


MAT 8411

Inelastic

84-Po-201

Radionuclide Production Cross Section



84-Po-201

Incident Energy (MeV)

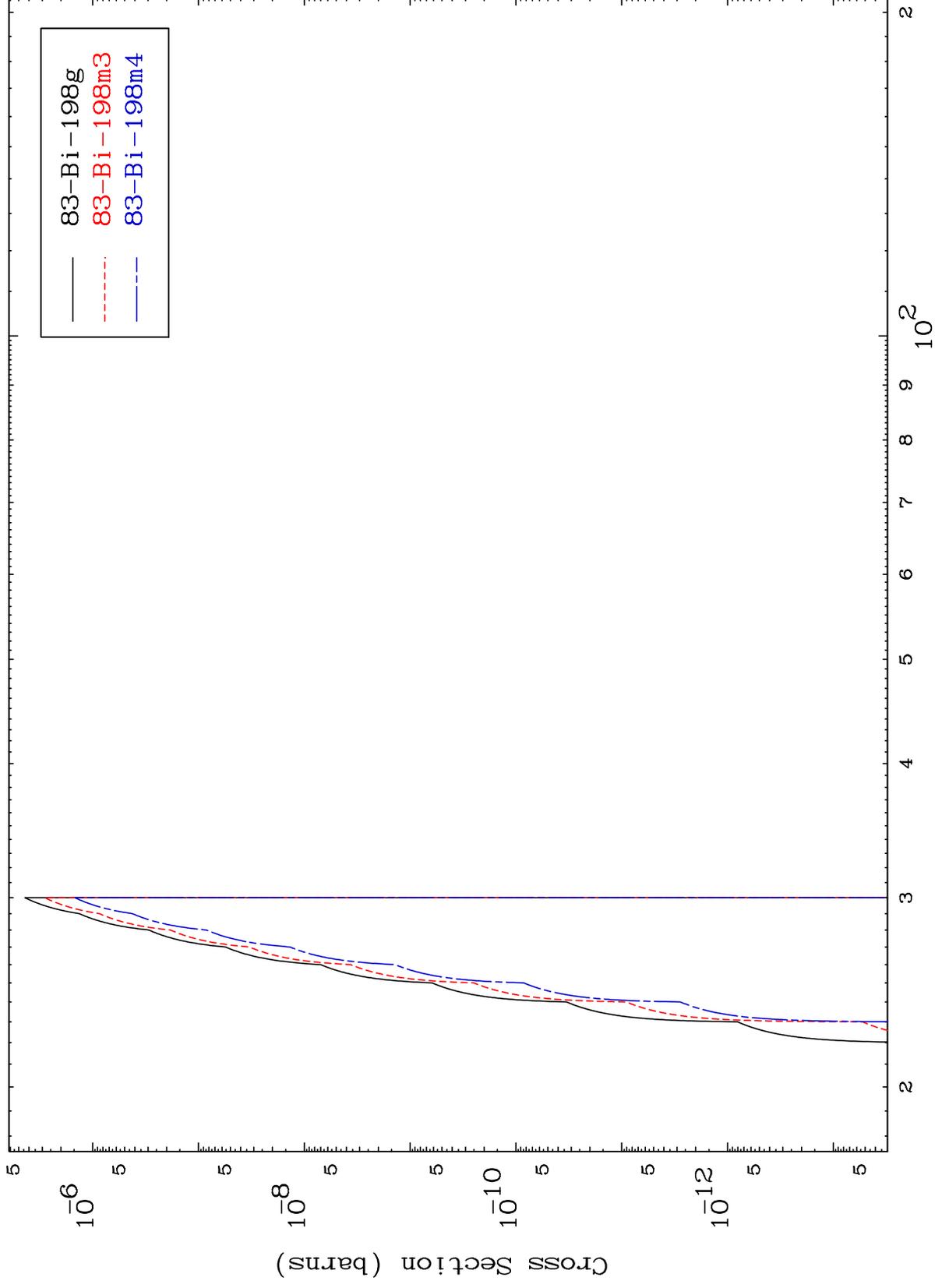
17

MAT 8411

(n,2n) d

84-Po-201

Radionuclide Production Cross Section



18

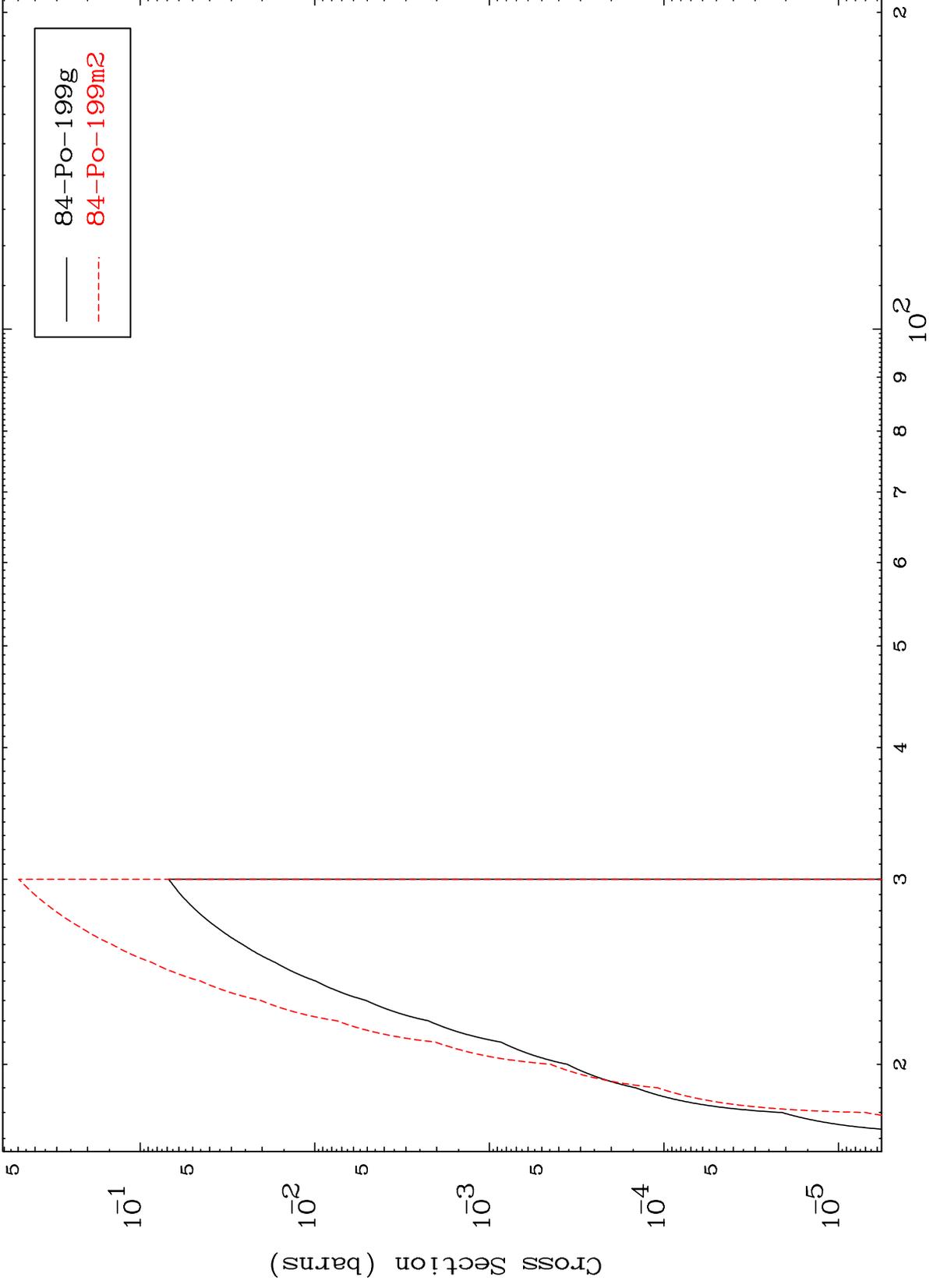
Incident Energy (MeV)

84-Po-201

MAT 8411

84-Po-201

(n,3n)
Radionuclide Production Cross Section



19

Incident Energy (MeV)

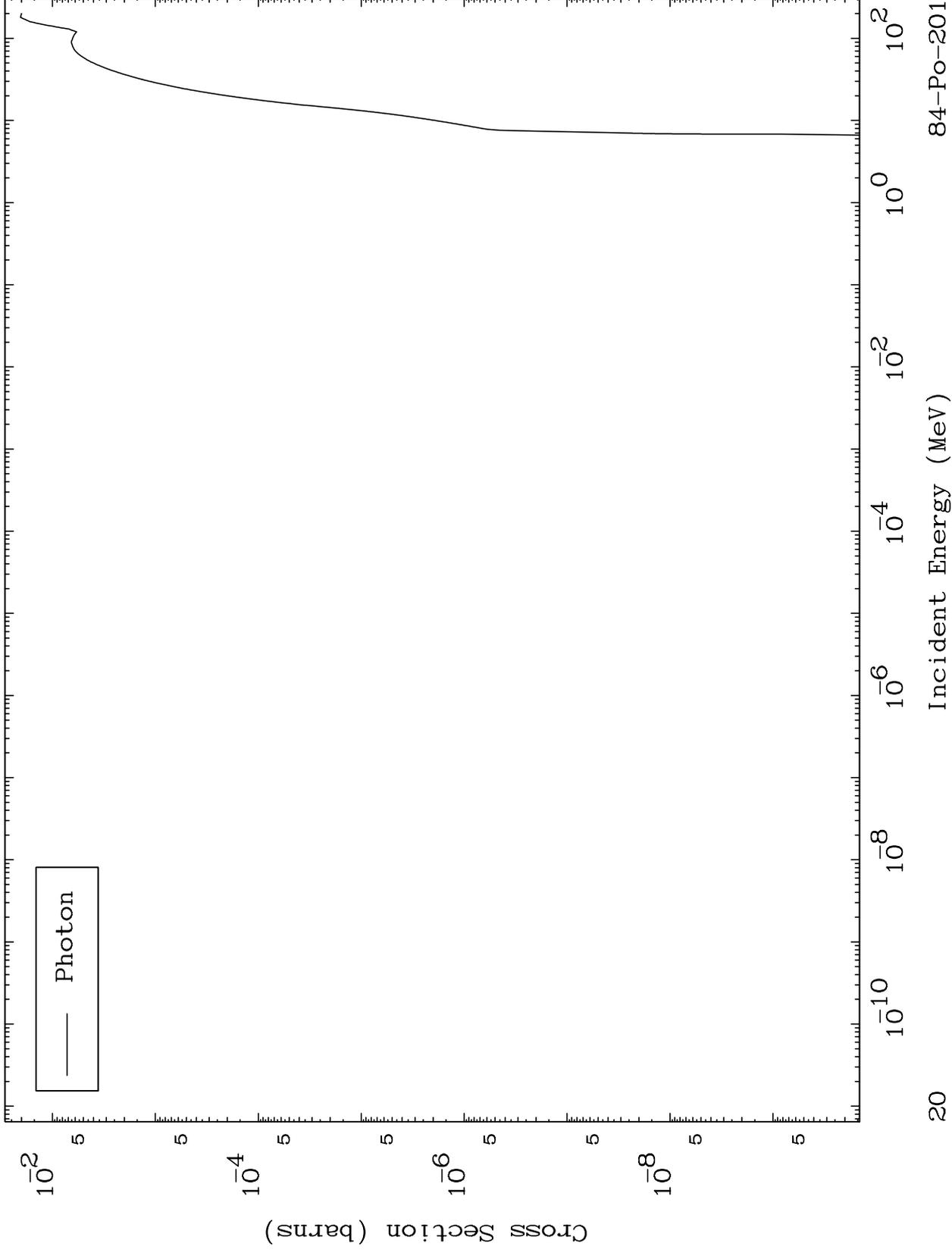
84-Po-201

MAT 8411

Fission

84-Po-201

Radionuclide Production Cross Section



20

Incident Energy (MeV)

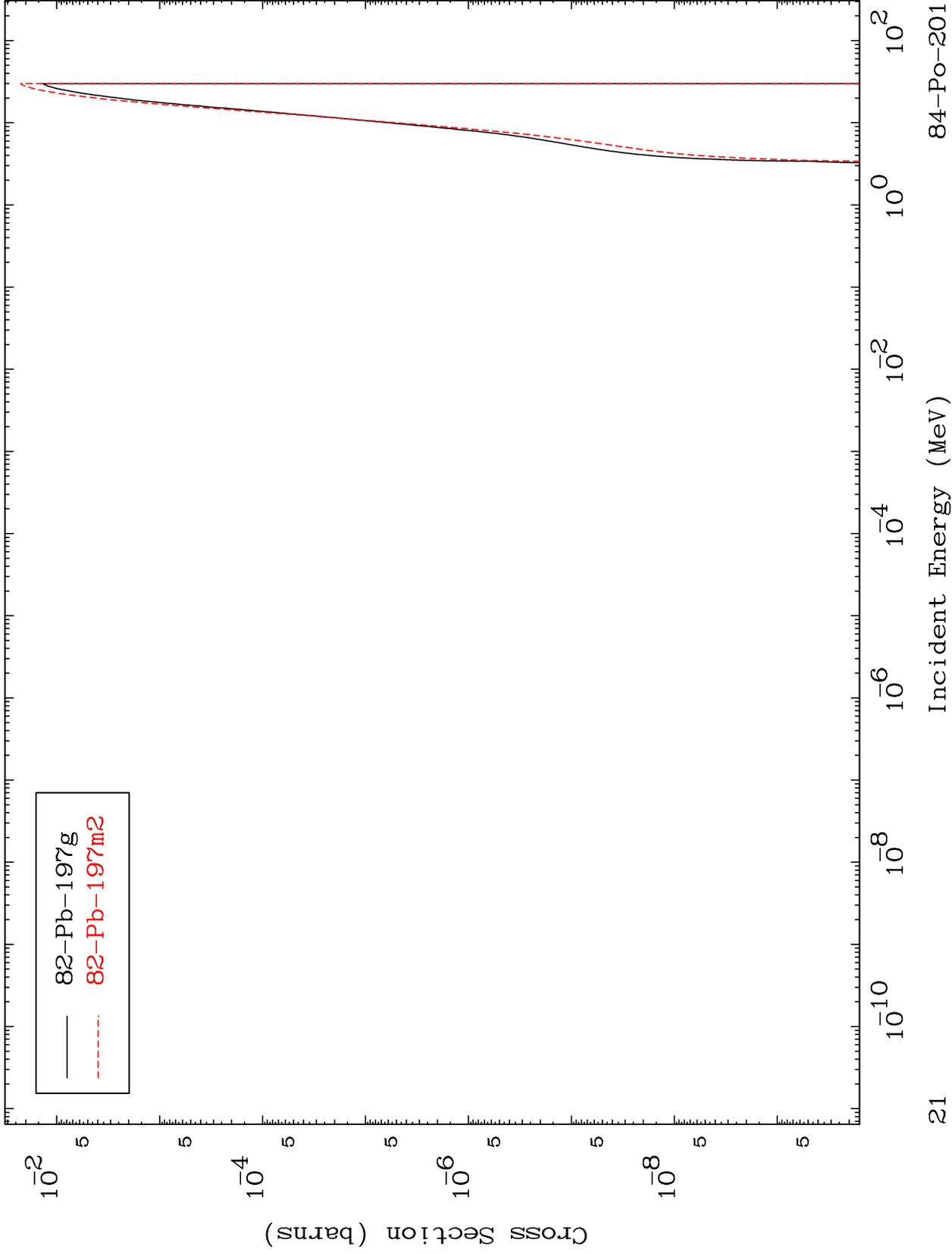
84-Po-201

MAT 8411

$(n, n') \alpha$

84-Po-201

Radionuclide Production Cross Section

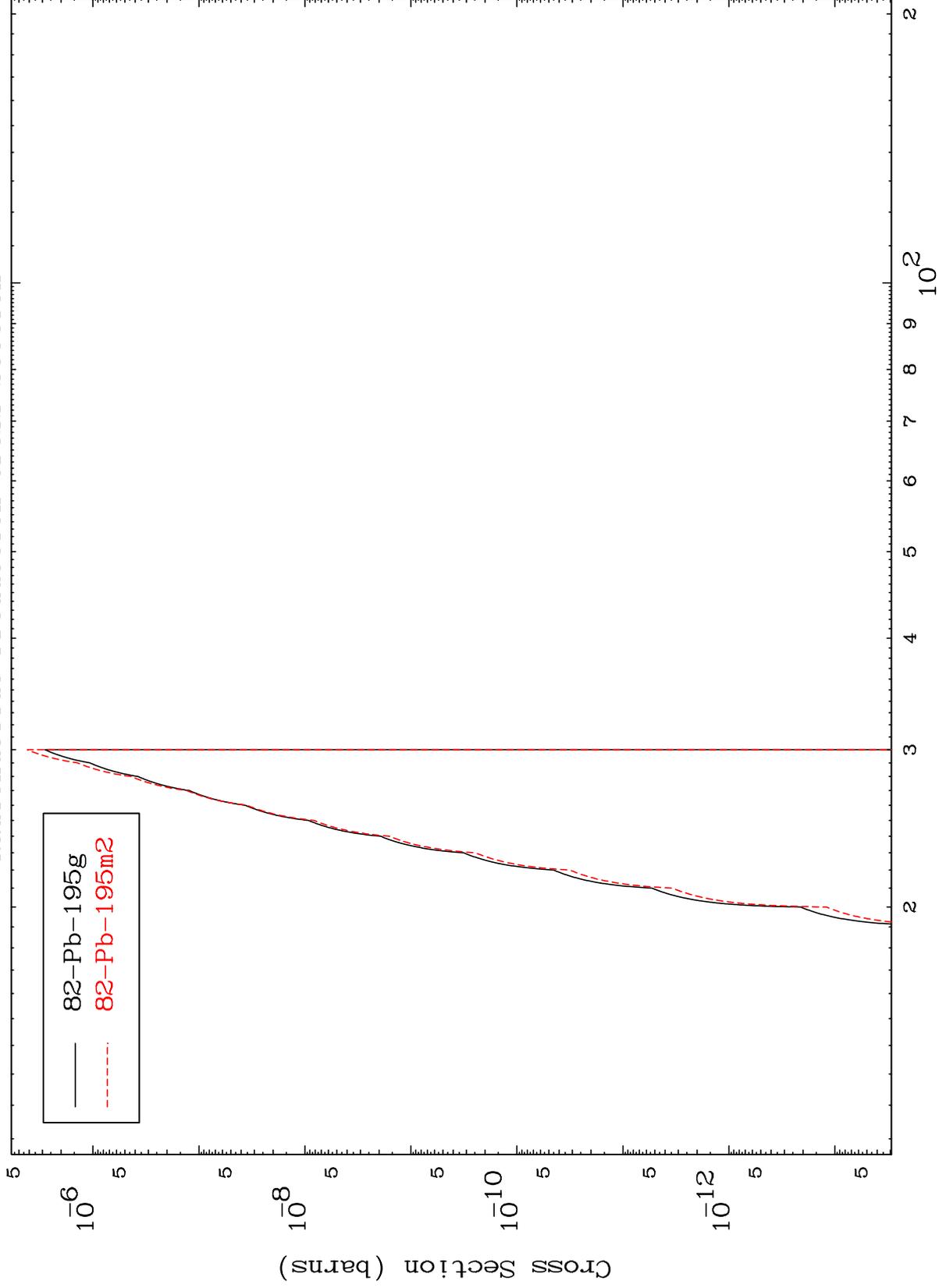


MAT 8411

(n,3n) α

84-Po-201

Radionuclide Production Cross Section

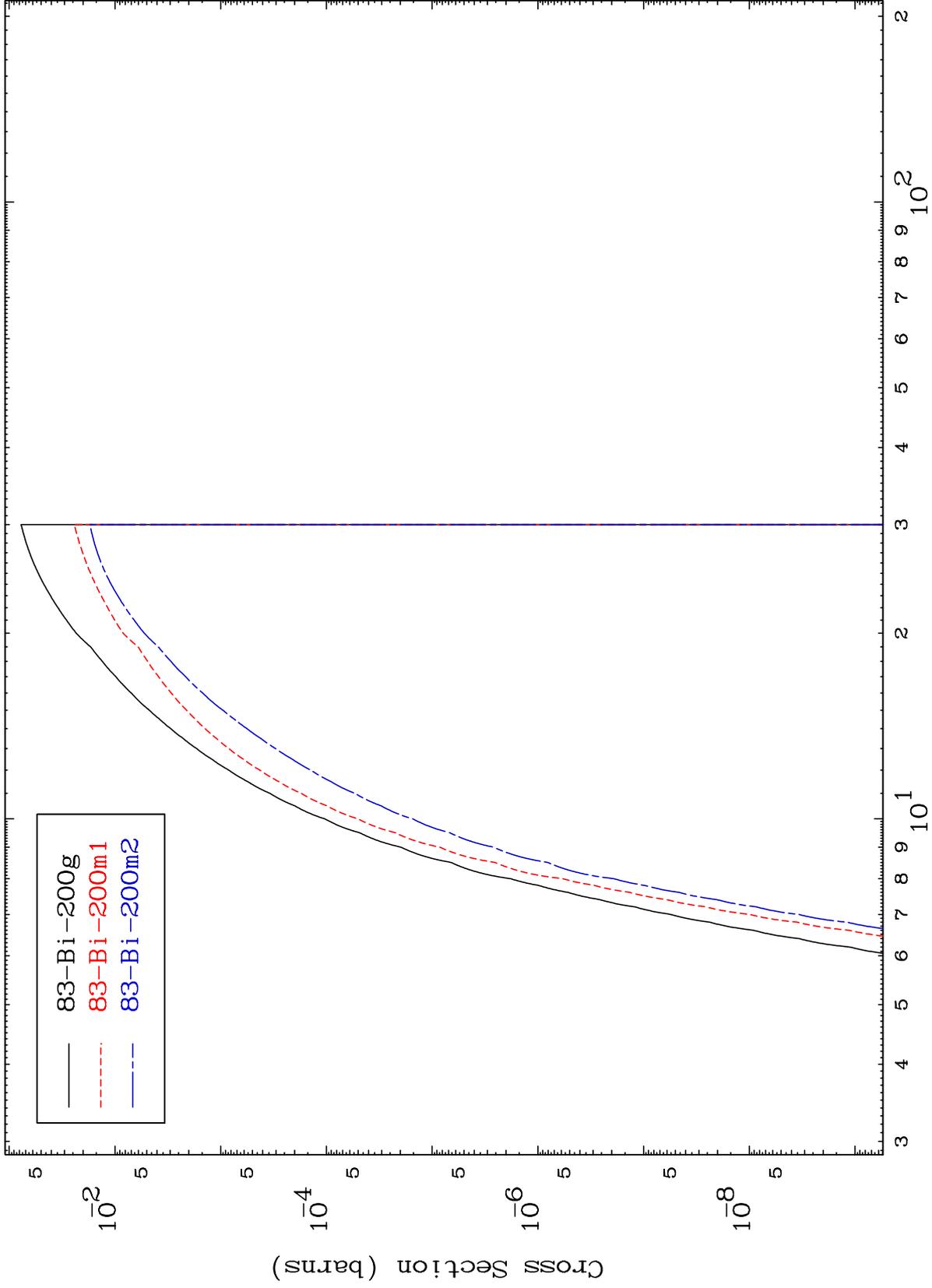


22

Incident Energy (MeV)

84-Po-201

Radionuclide Production Cross Section

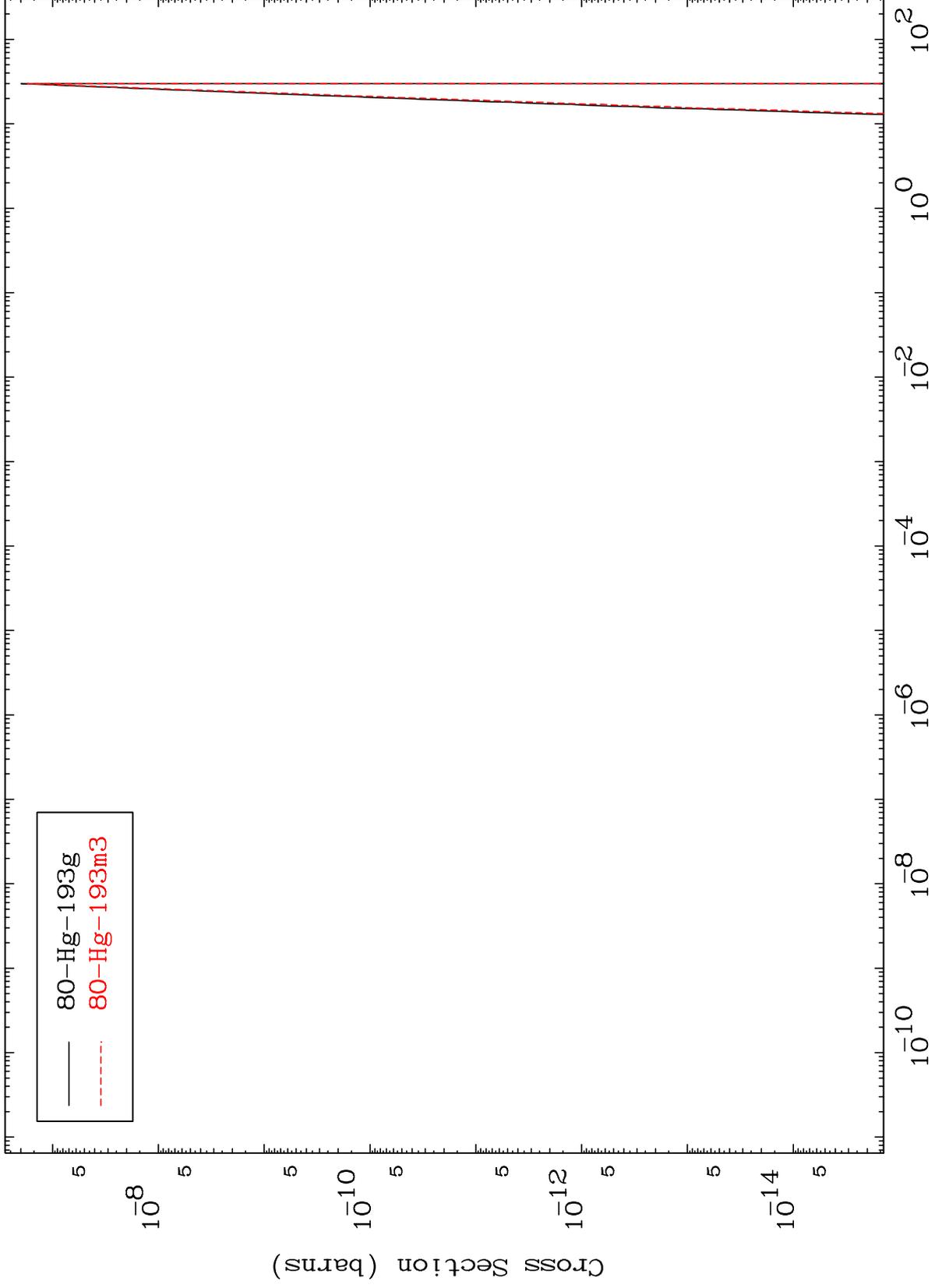


MAT 8411

(n,n') 2 α

84-Po-201

Radionuclide Production Cross Section



24

Incident Energy (MeV)

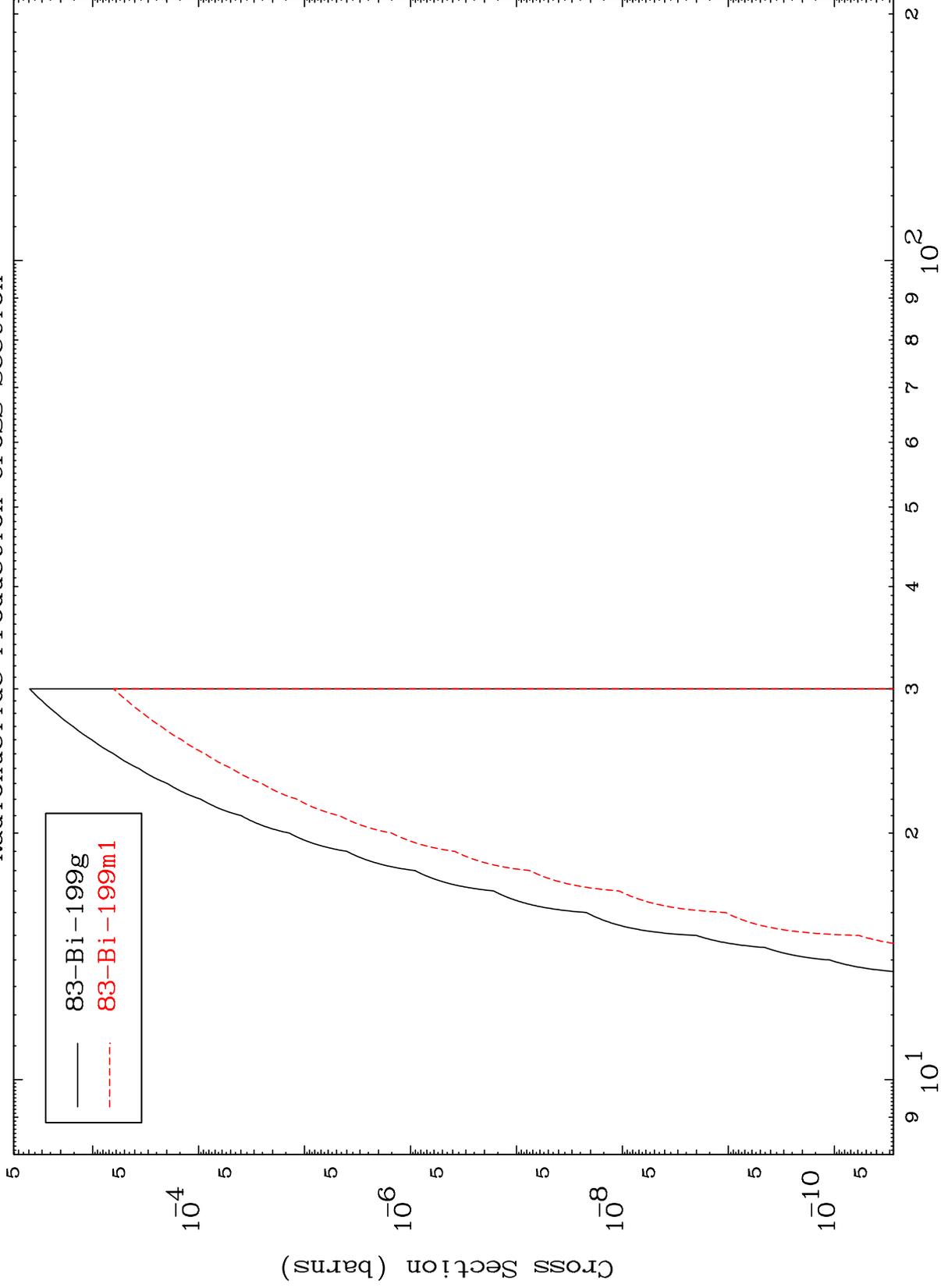
84-Po-201

MAT 8411

(n,n') d

84-Po-201

Radionuclide Production Cross Section

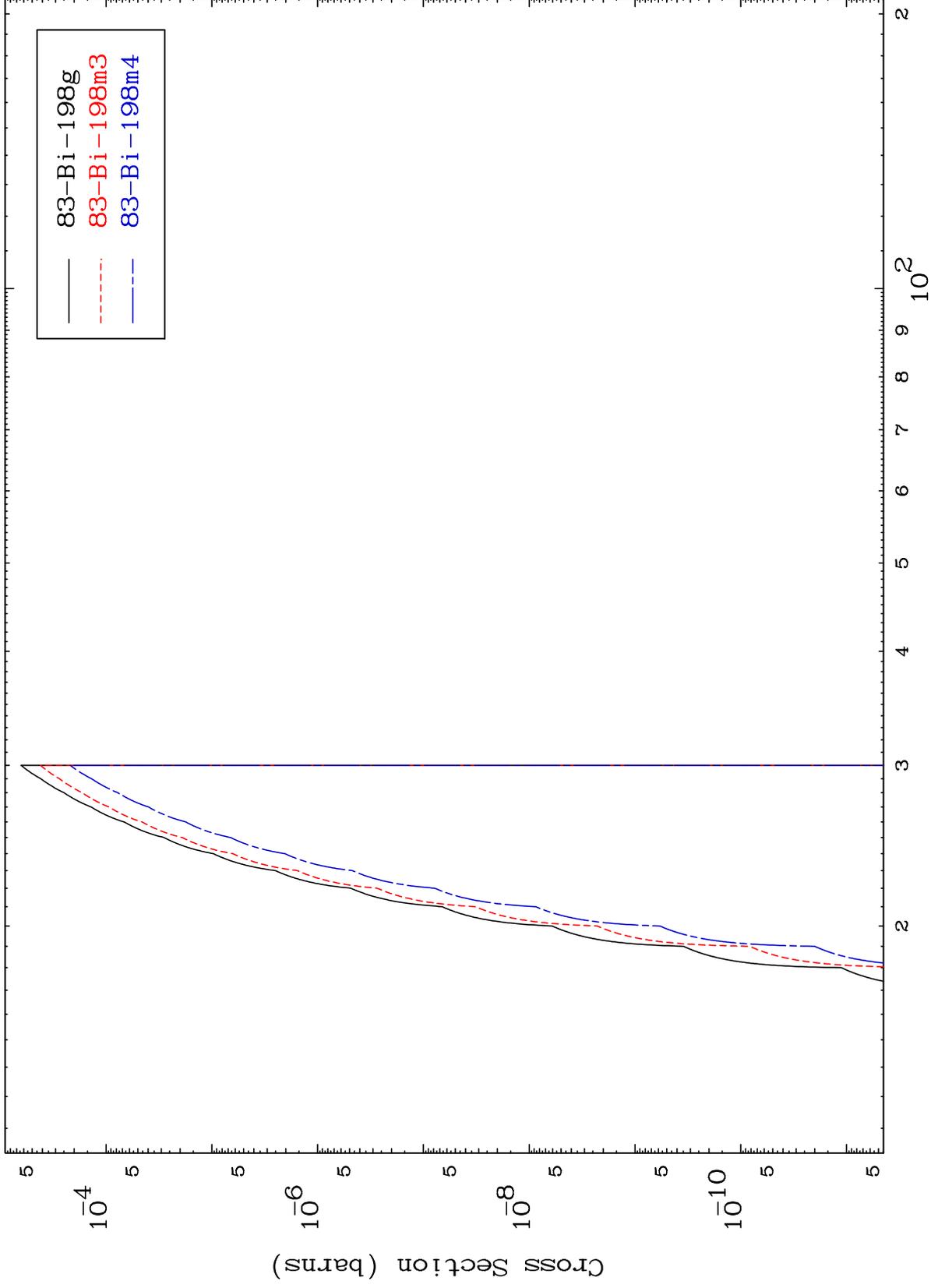


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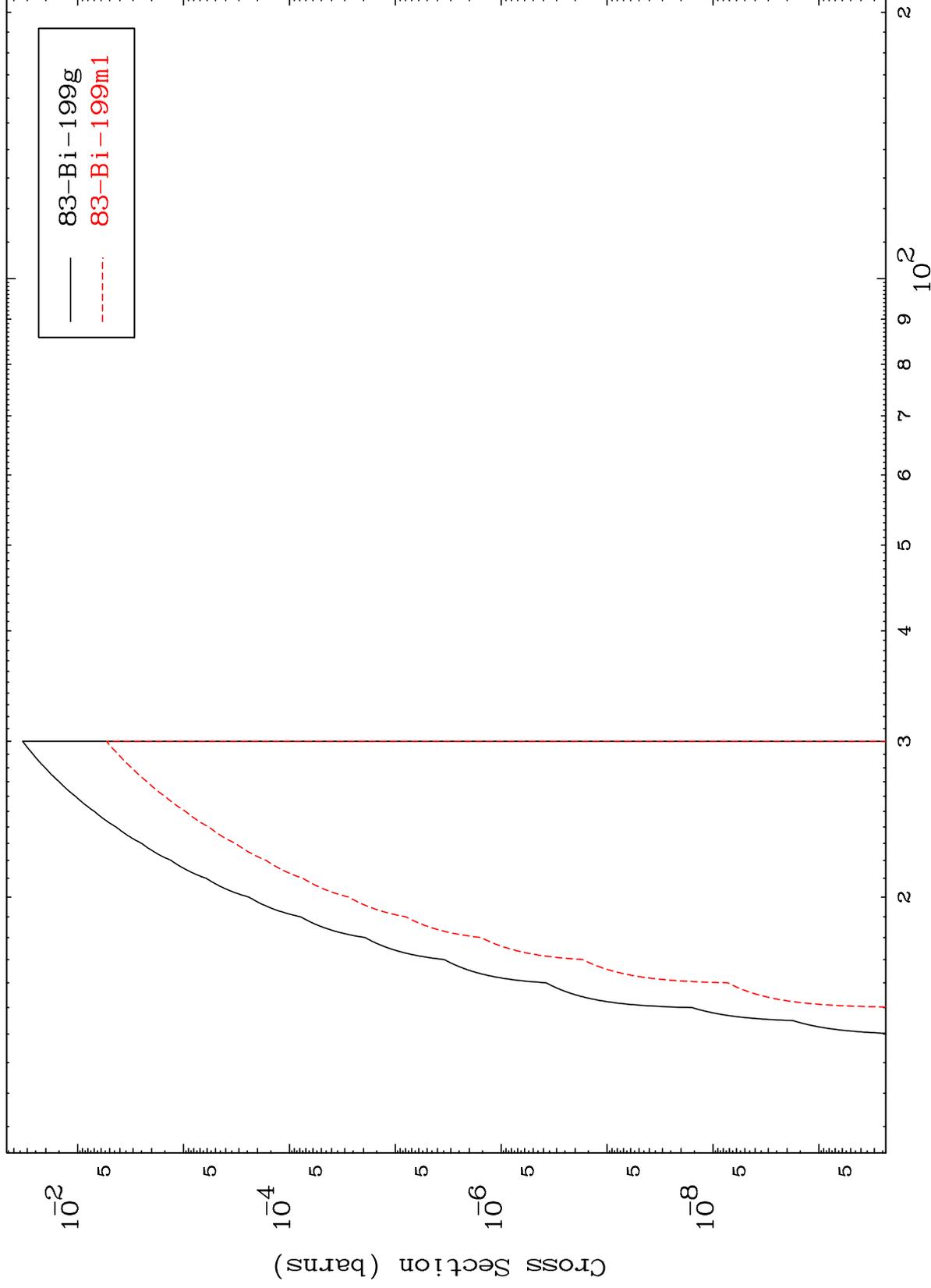
Incident Energy (MeV)

84-Po-201

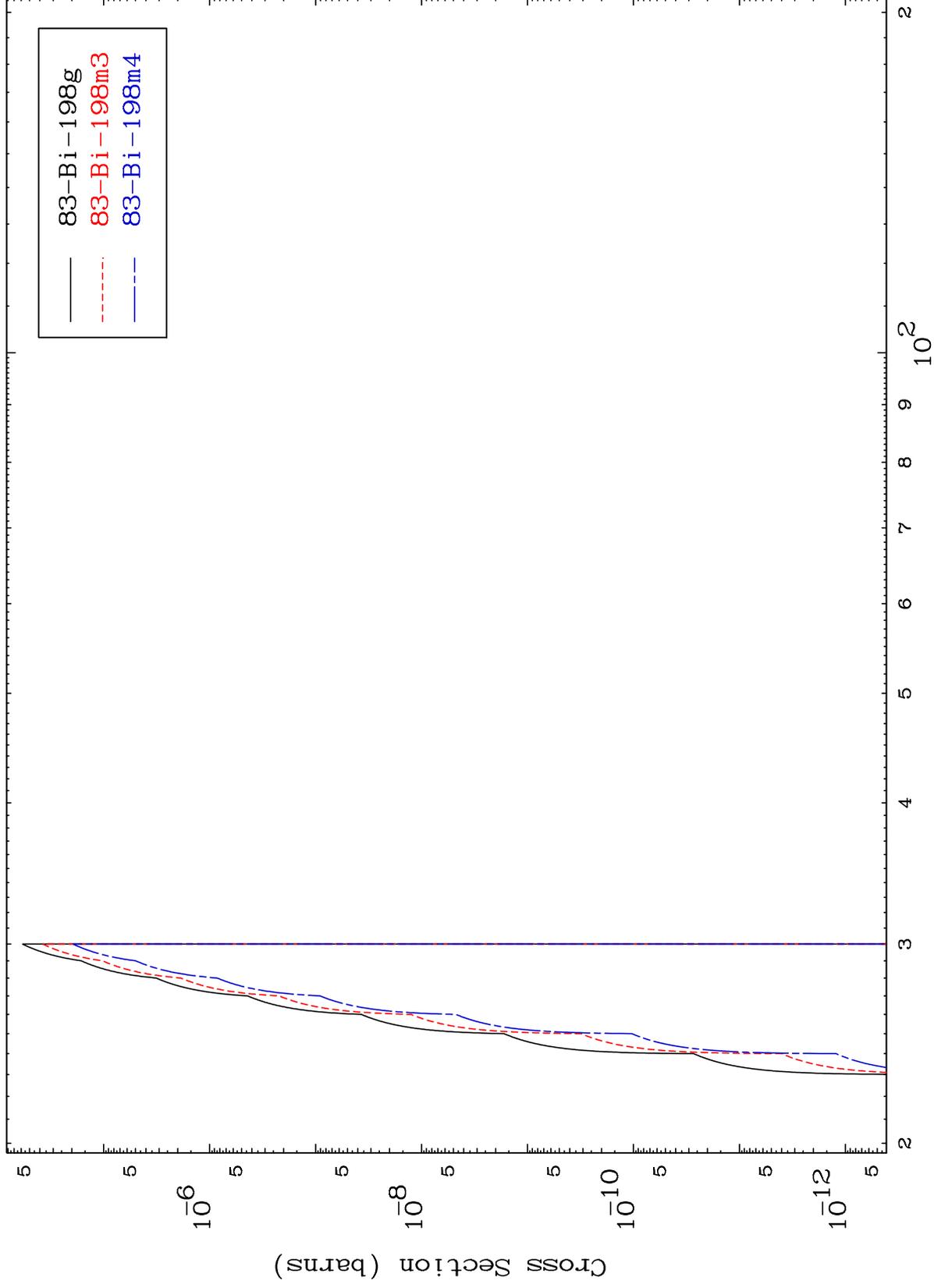
Radionuclide Production Cross Section



Radionuclide Production Cross Section



Radionuclide Production Cross Section

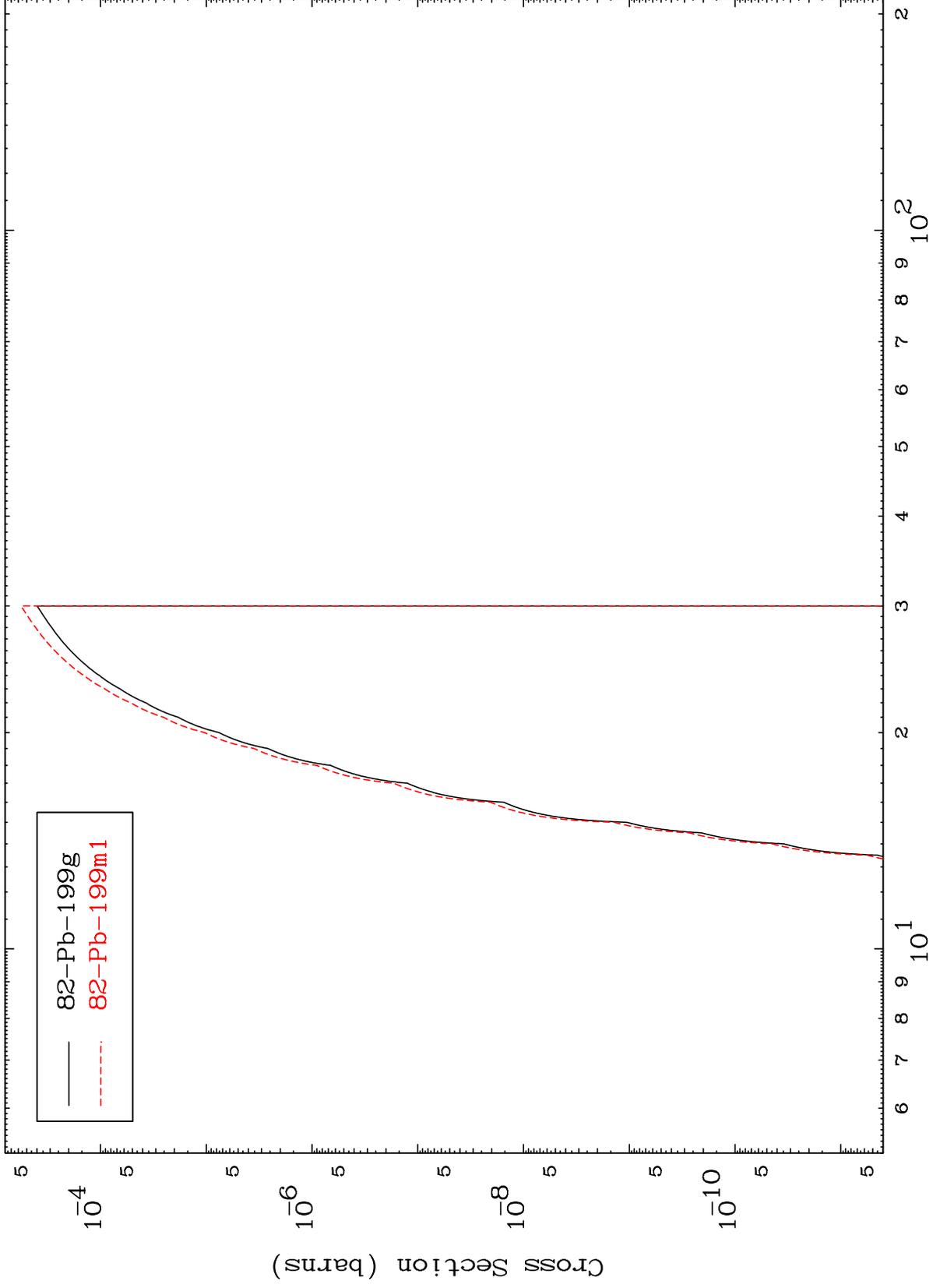


MAT 8411

(n,2n) p

84-Po-201

Radionuclide Production Cross Section



29

Incident Energy (MeV)

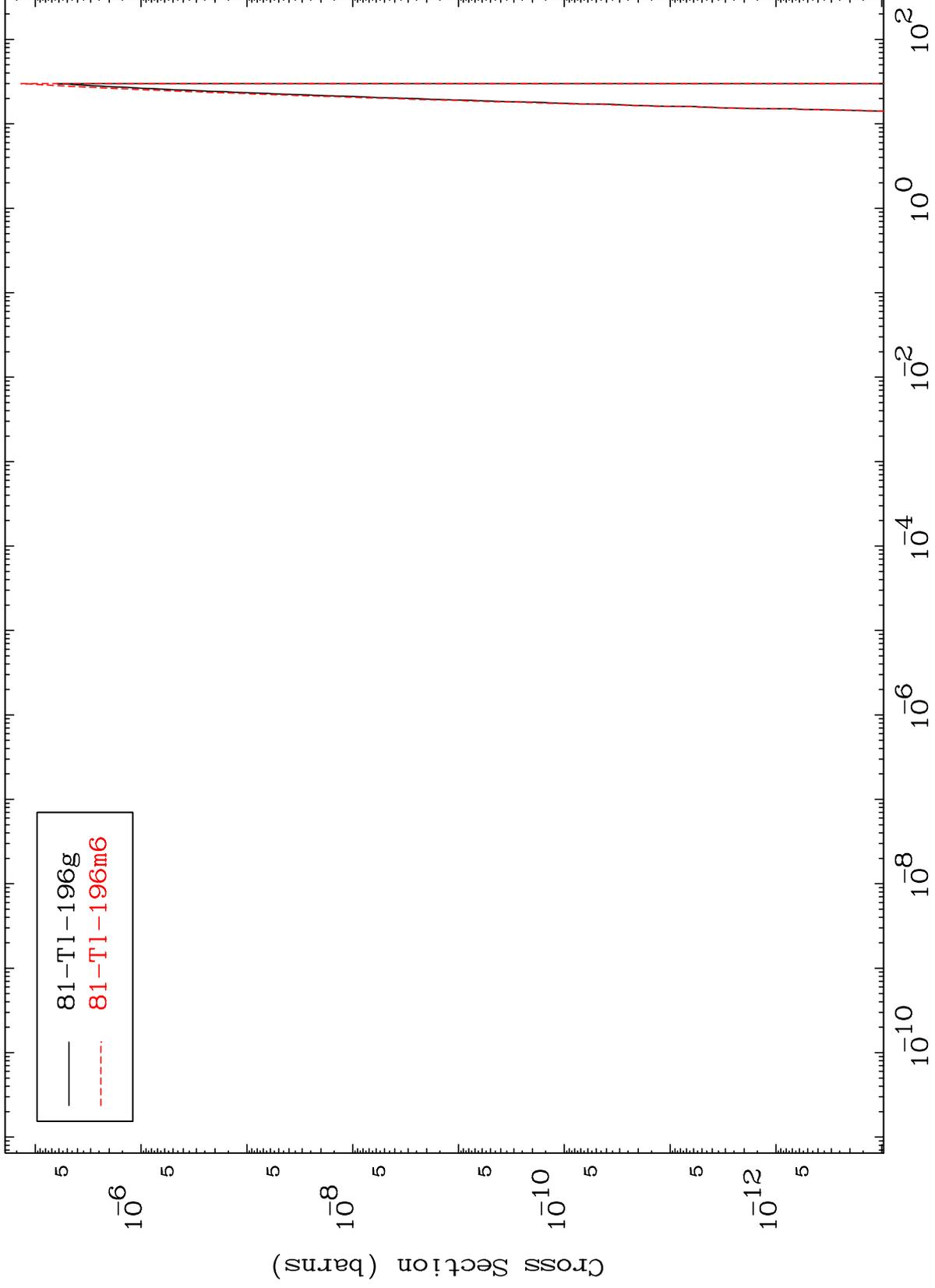
84-Po-201

MAT 8411

(n,n') p α

84-Po-201

Radionuclide Production Cross Section



30

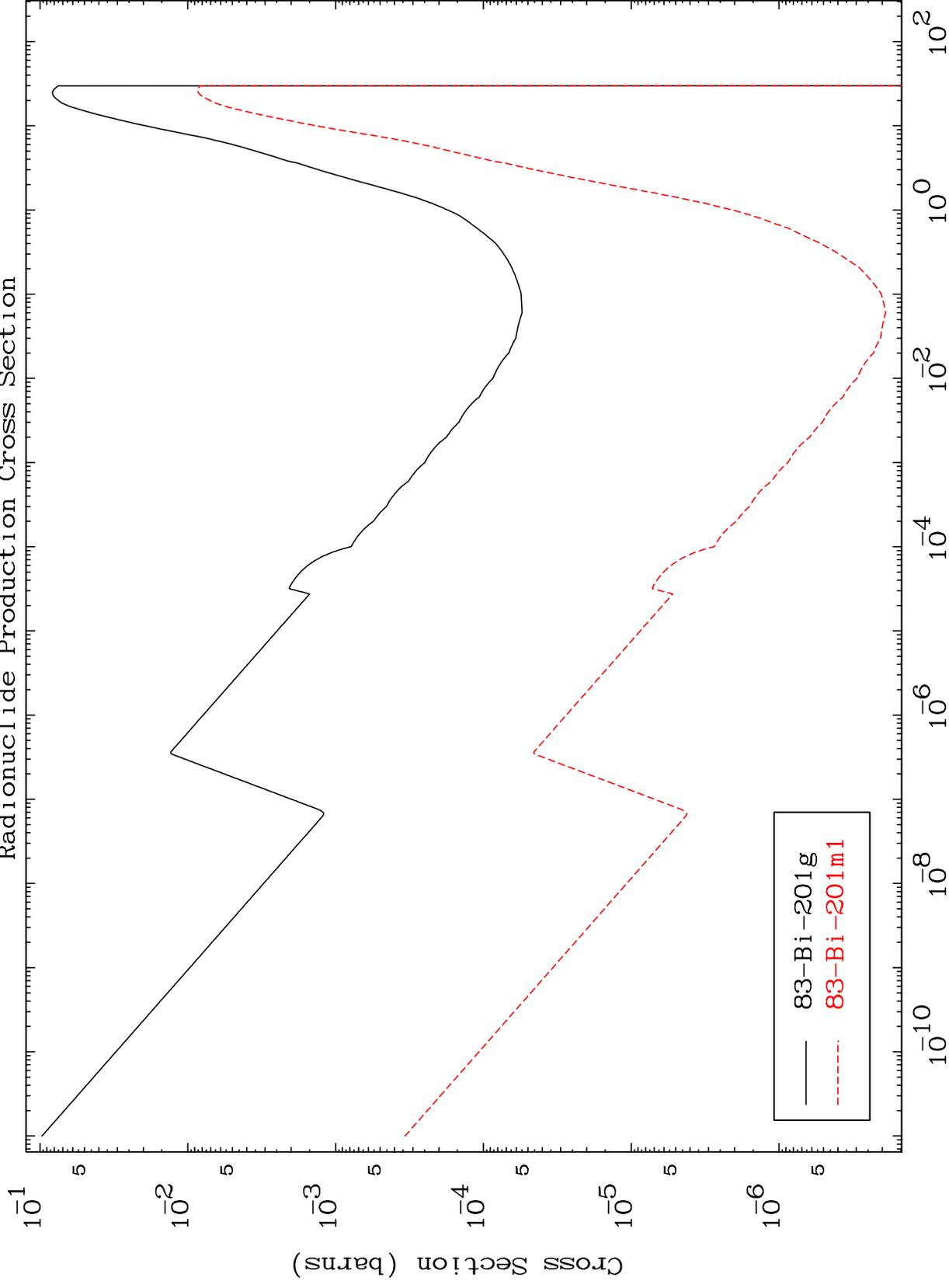
Incident Energy (MeV)

84-Po-201

MAT 8411

84-Po-201

Radionuclide Production Cross Section



31

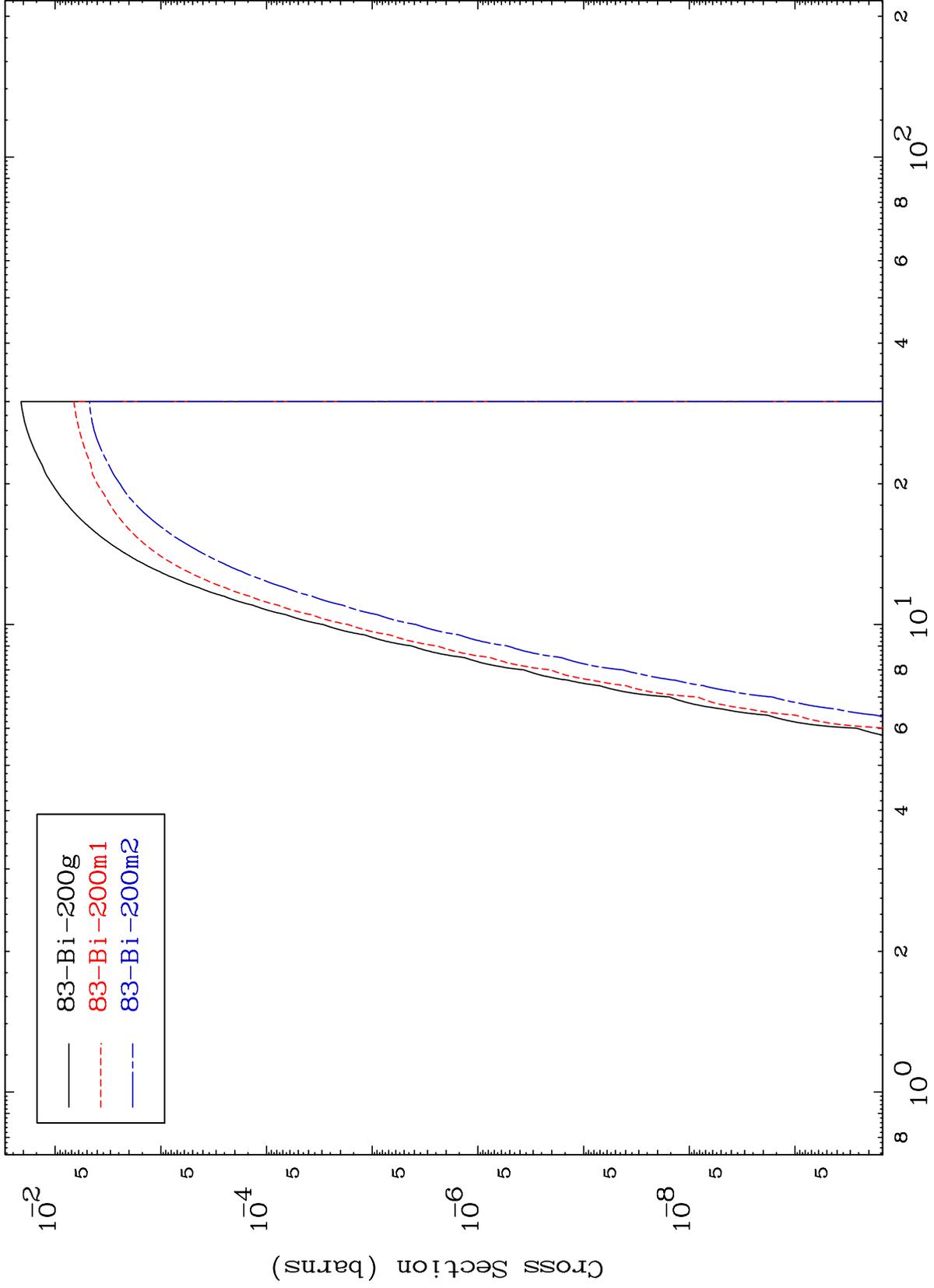
84-Po-201

Incident Energy (MeV)

MAT 8411

84-Po-201

(n,d)
Radionuclide Production Cross Section



32

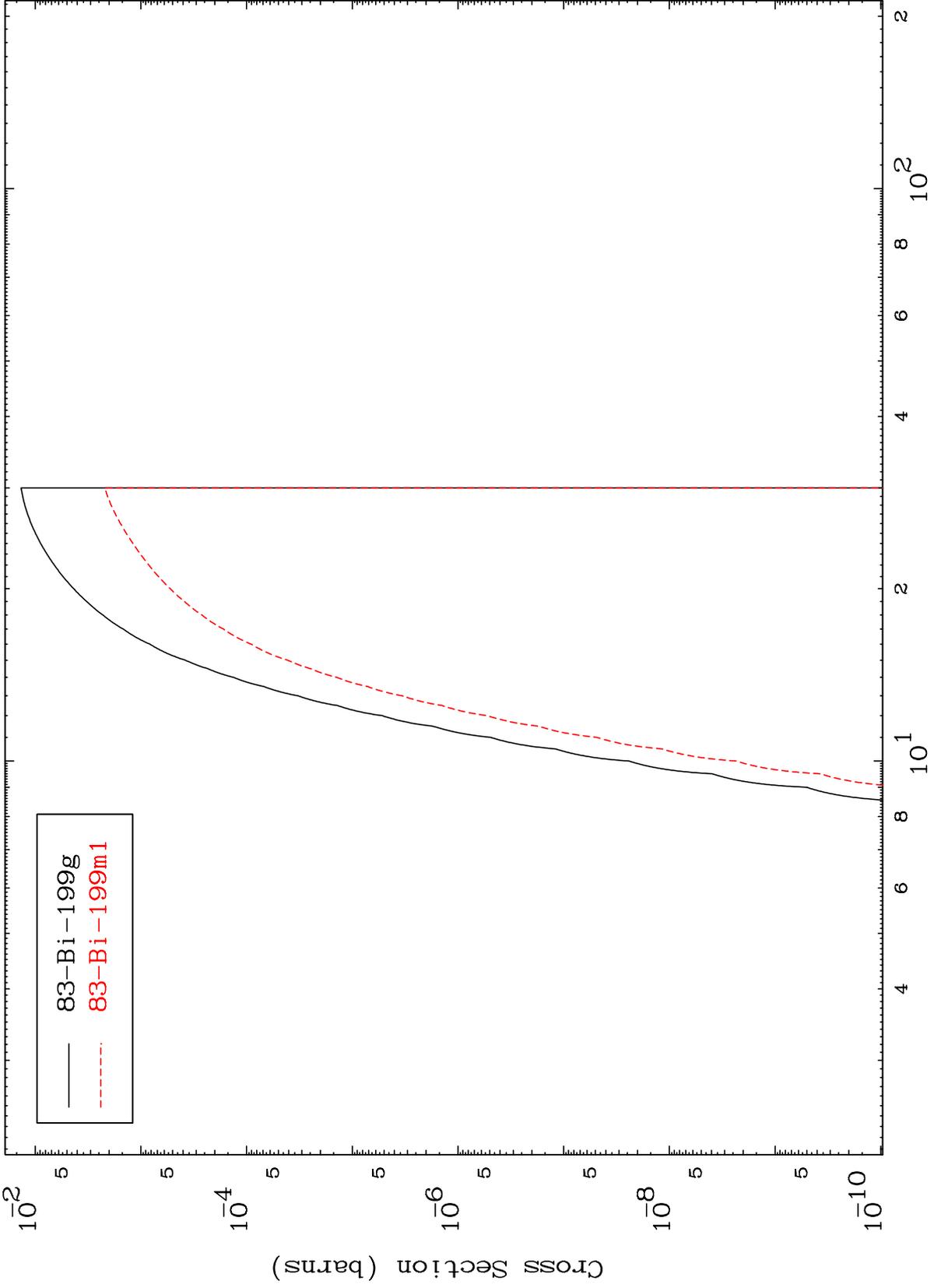
Incident Energy (MeV)

84-Po-201

MAT 8411

84-Po-201

(n,t)
Radionuclide Production Cross Section

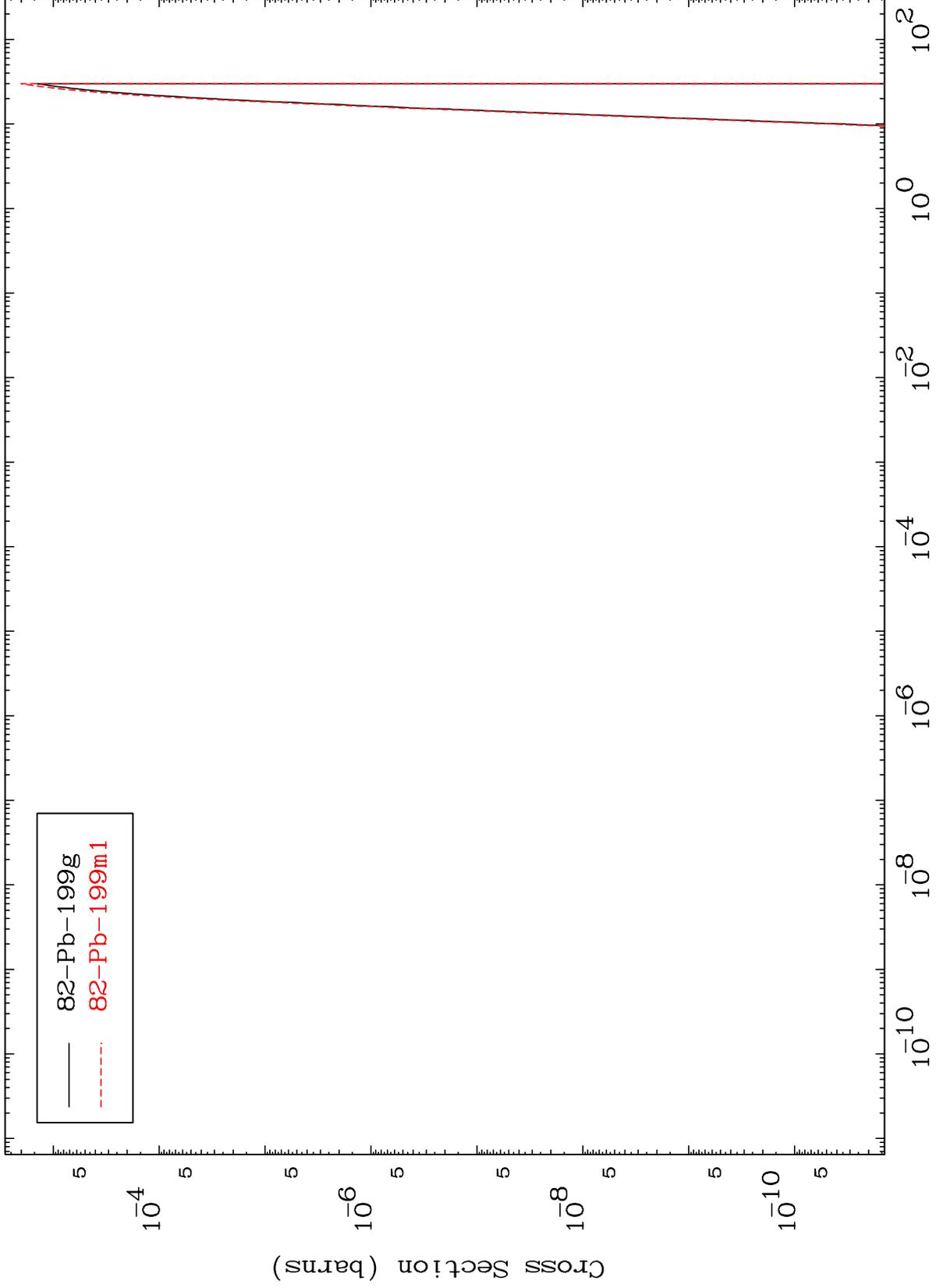


MAT 8411

(n,He-3)

84-Po-201

Radionuclide Production Cross Section



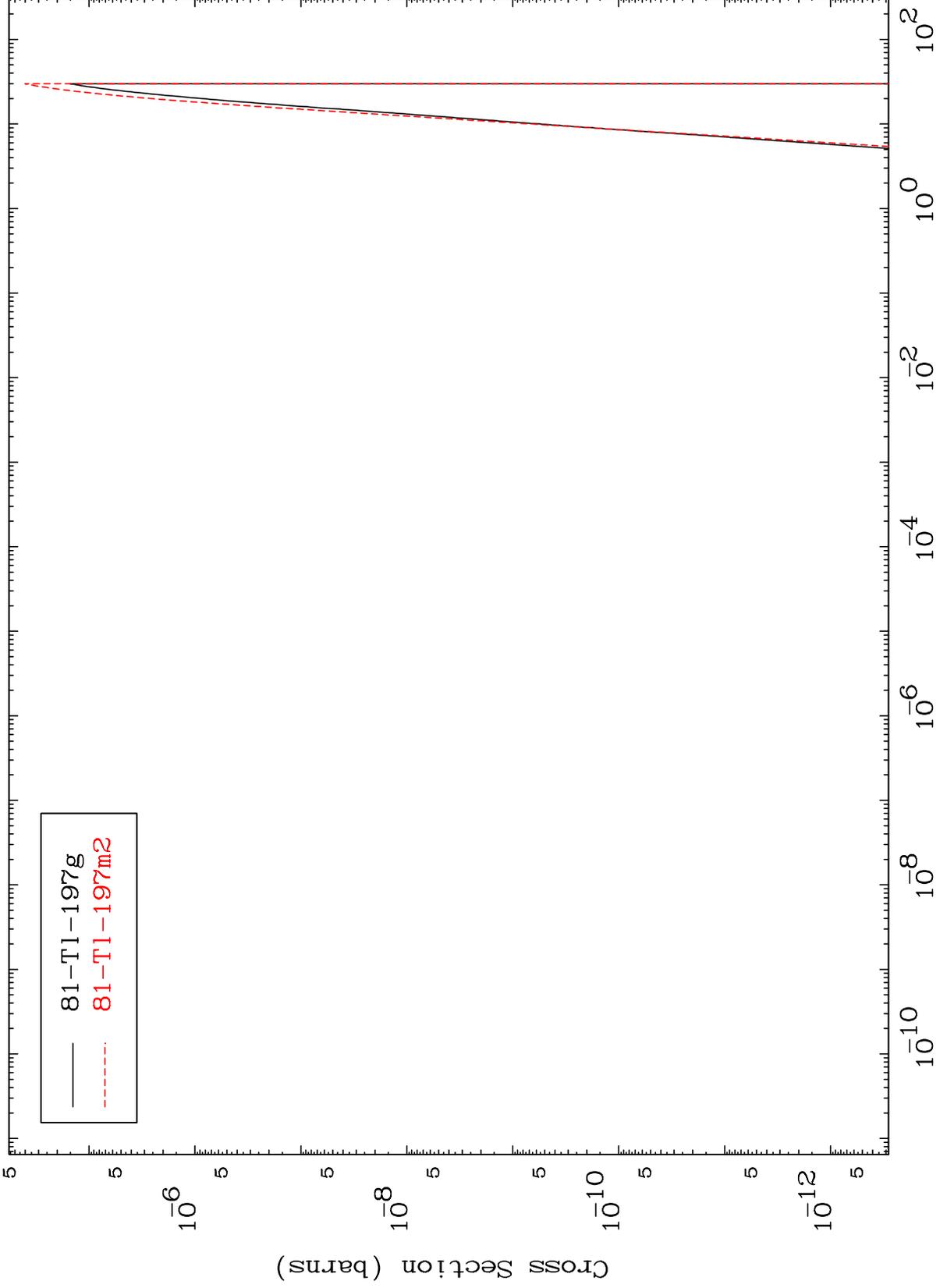
82-Pb-199g
82-Pb-199m1

MAT 8411

(n,p) α

84-Po-201

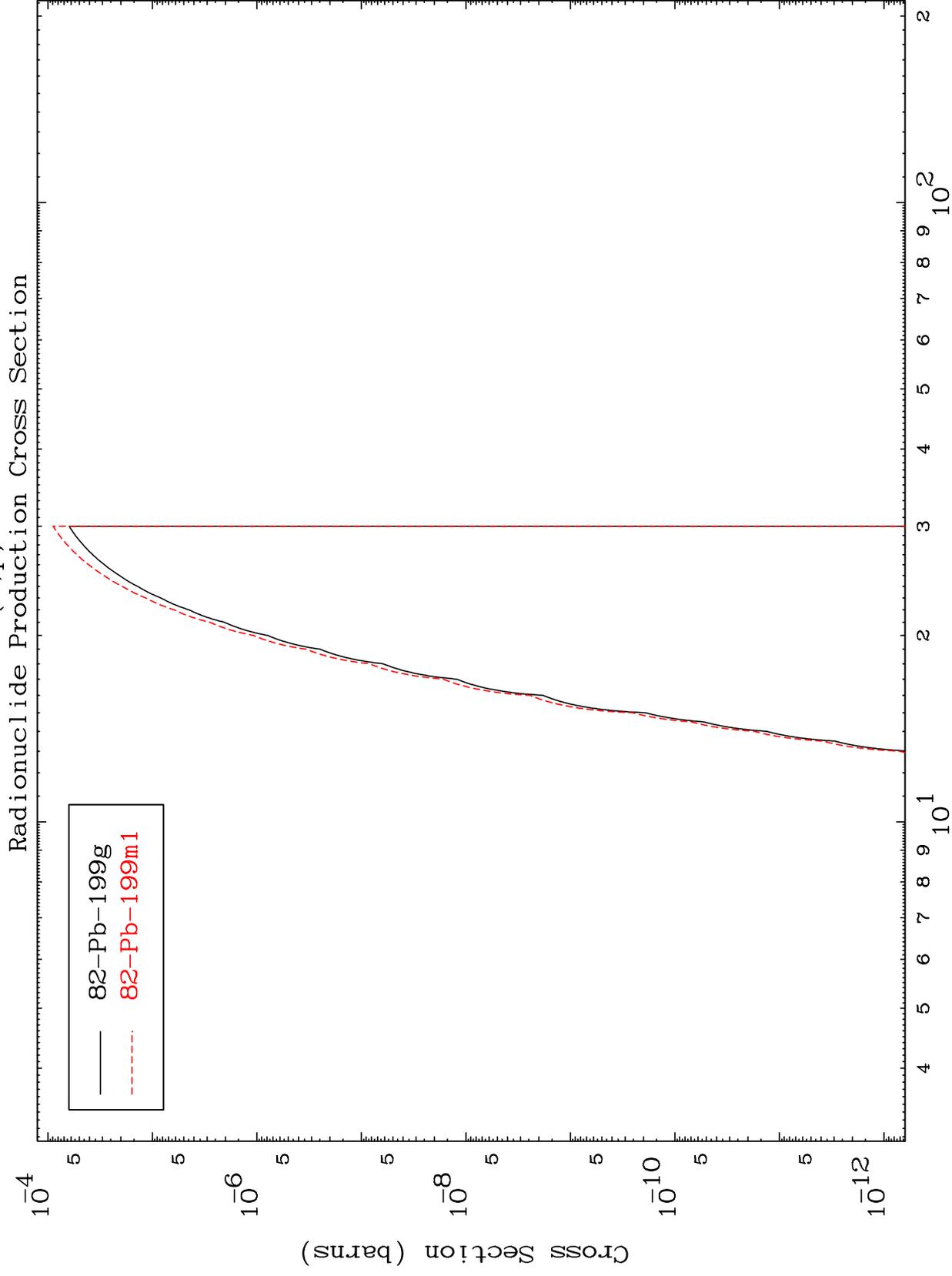
Radionuclide Production Cross Section



MAT 8411

(n,p) d

84-Po-201



36

Incident Energy (MeV)

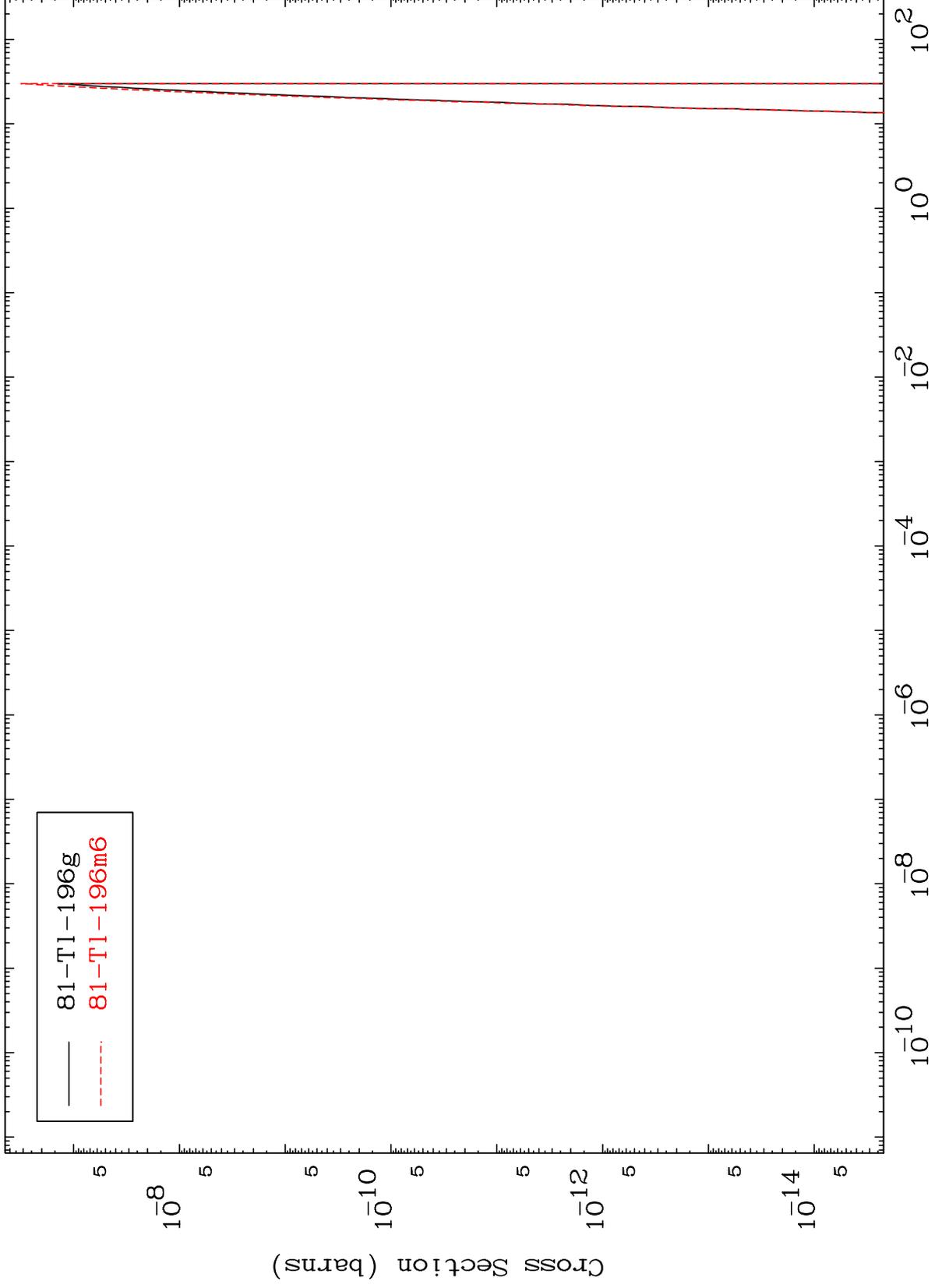
84-Po-201

MAT 8411

(n,d) α

84-Po-201

Radionuclide Production Cross Section



37

Incident Energy (MeV)

84-Po-201