

Program EVALPLOT
(Version 2015-2)

by

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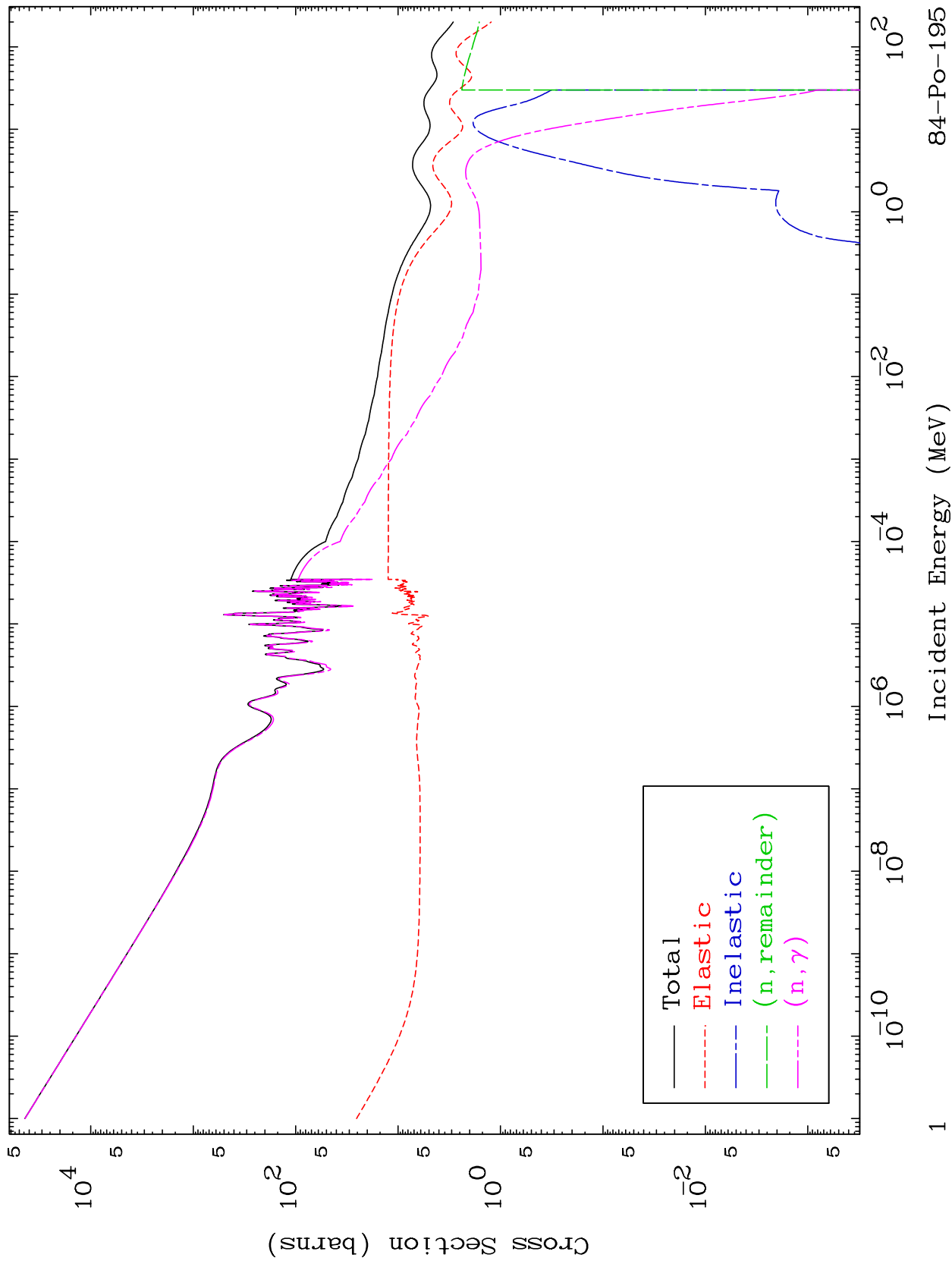
Press Mouse Button to Start

MAT 8393

Major

293 Kelvin Cross Sections

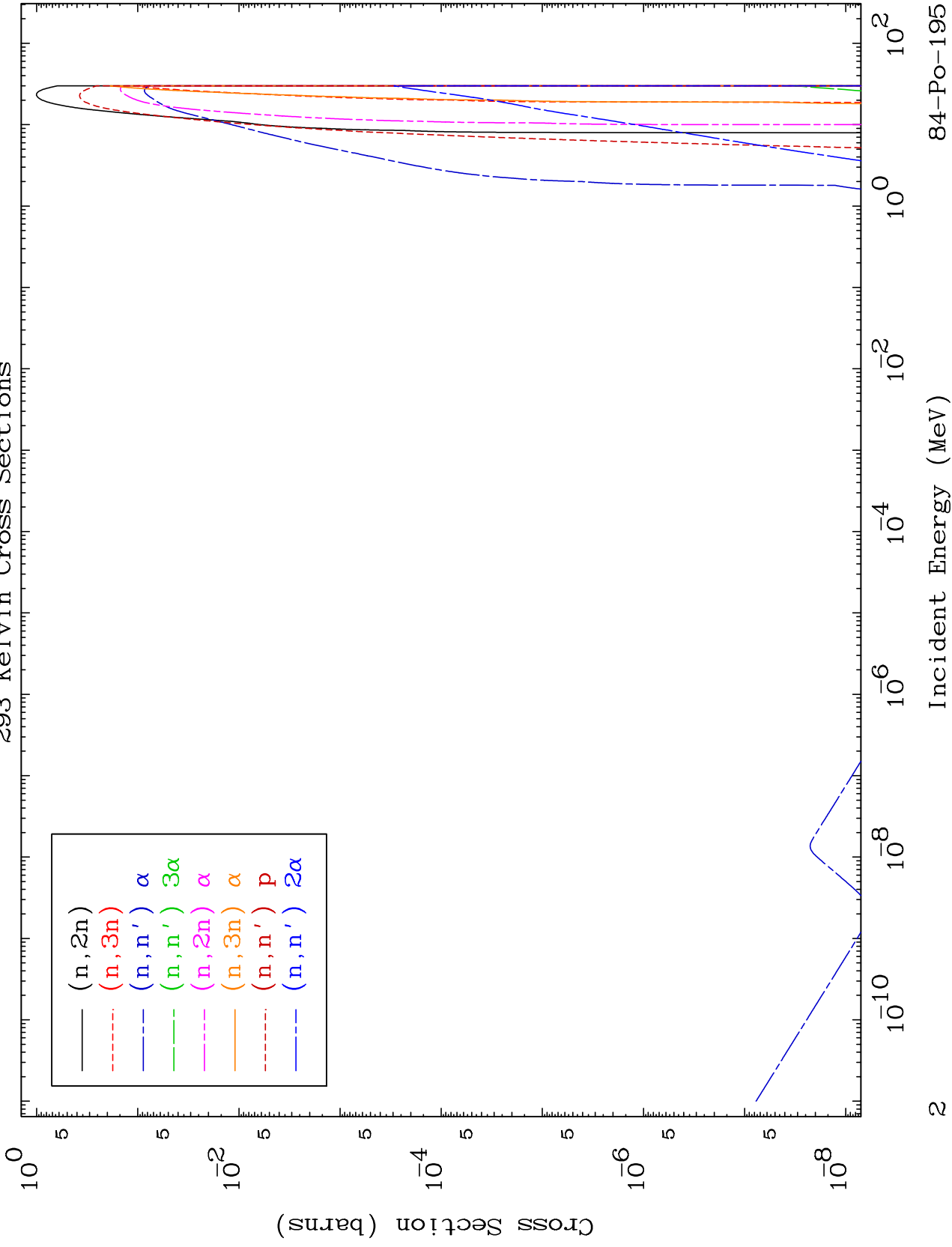
84-Po-195



MAT 8393

Neutron Production
293 Kelvin Cross Sections

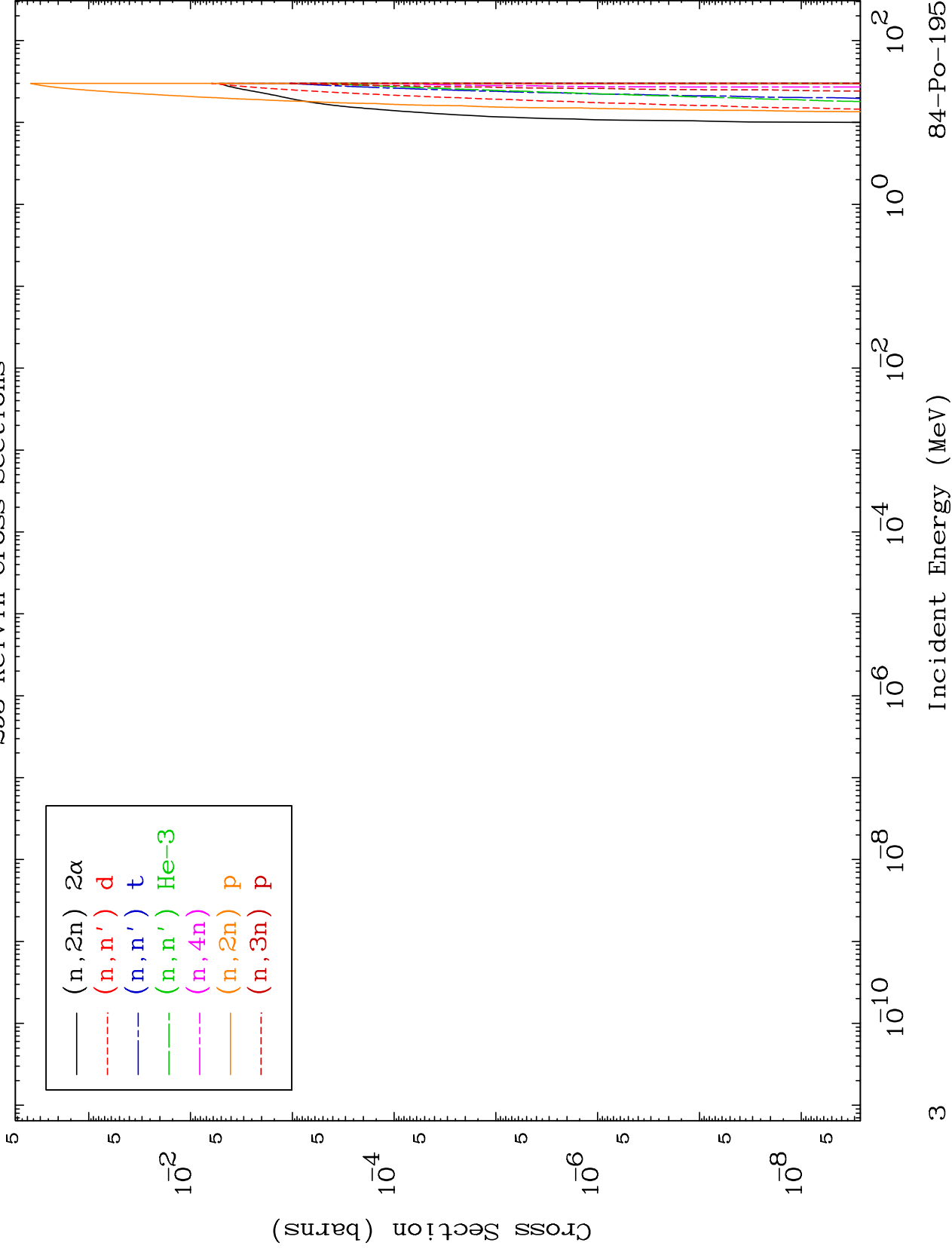
84-Po-195



MAT 8393

Neutron Production
293 Kelvin Cross Sections

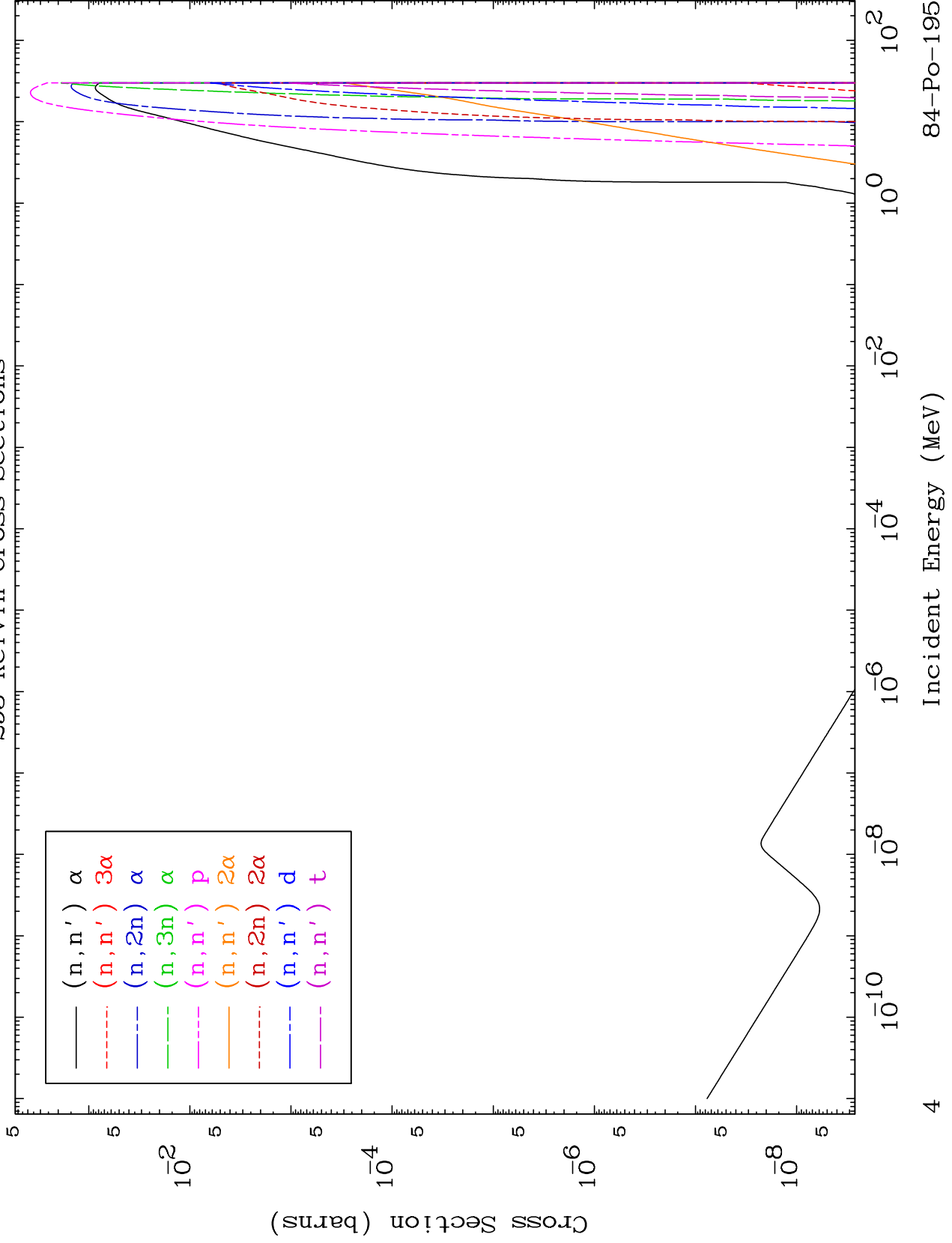
84-Po-195



MAT 8393

Charged Particle
293 Kelvin Cross Sections

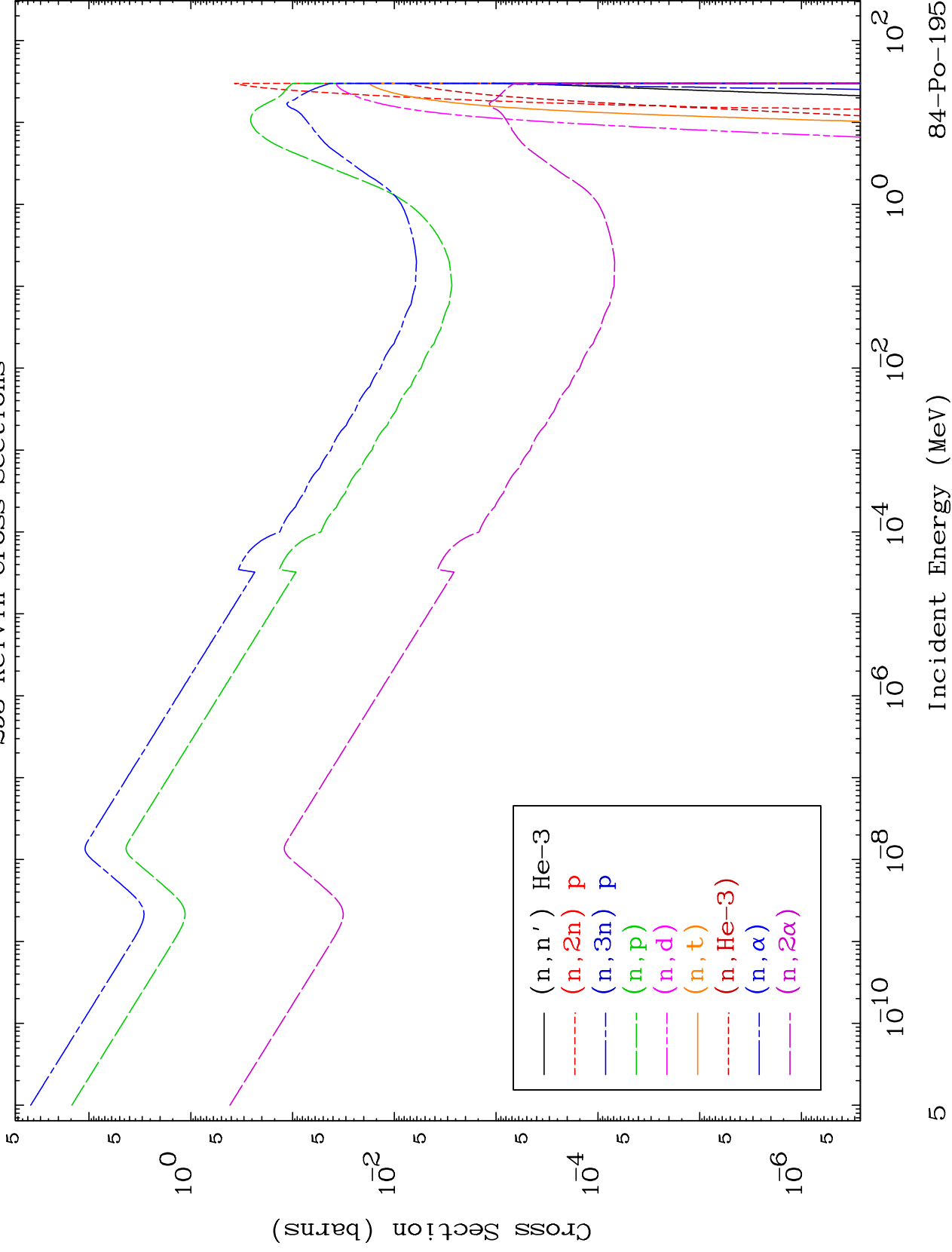
84-Po-195



MAT 8393

Charged Particle
293 Kelvin Cross Sections

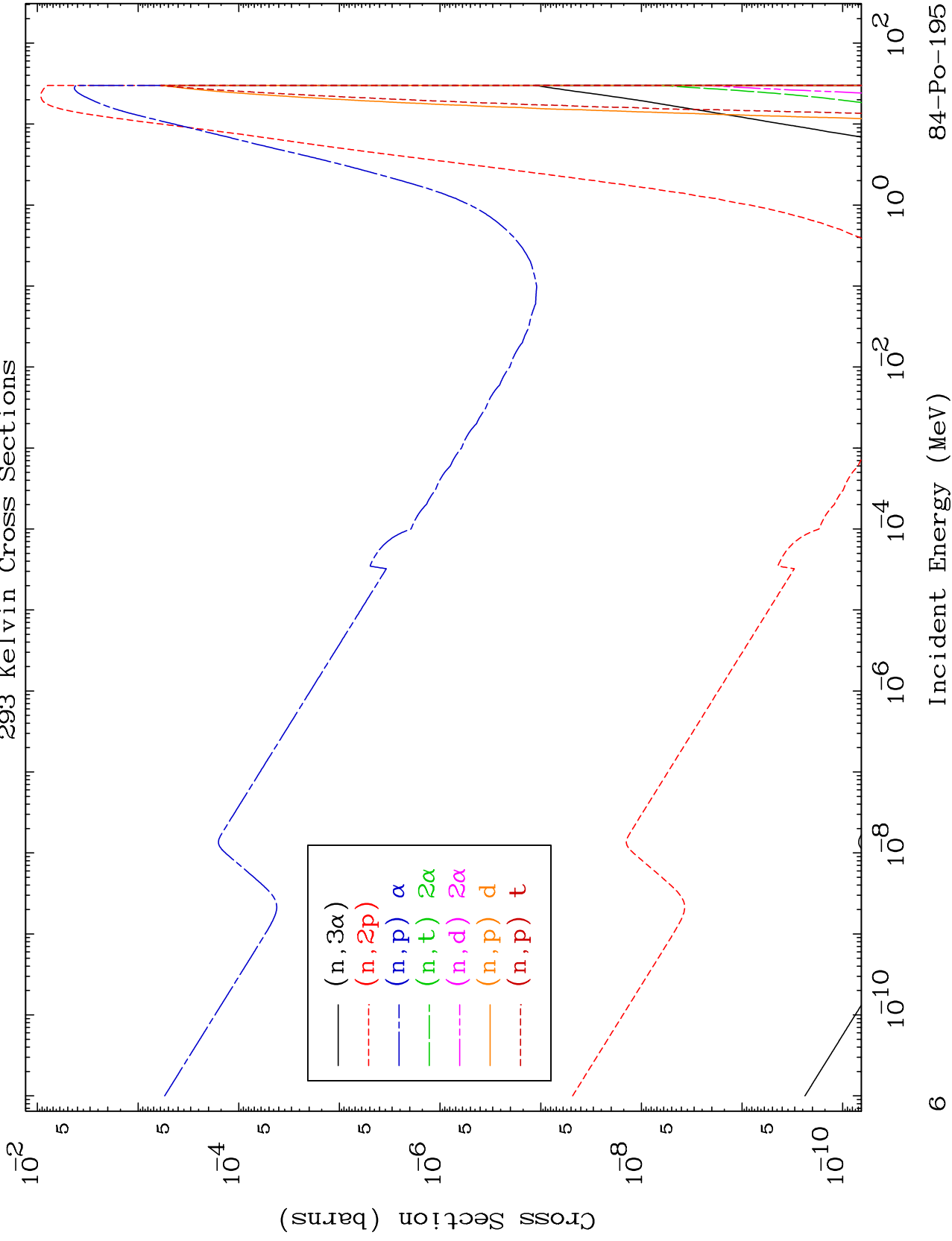
84-Po-195



MAT 8393

Charged Particle
293 Kelvin Cross Sections

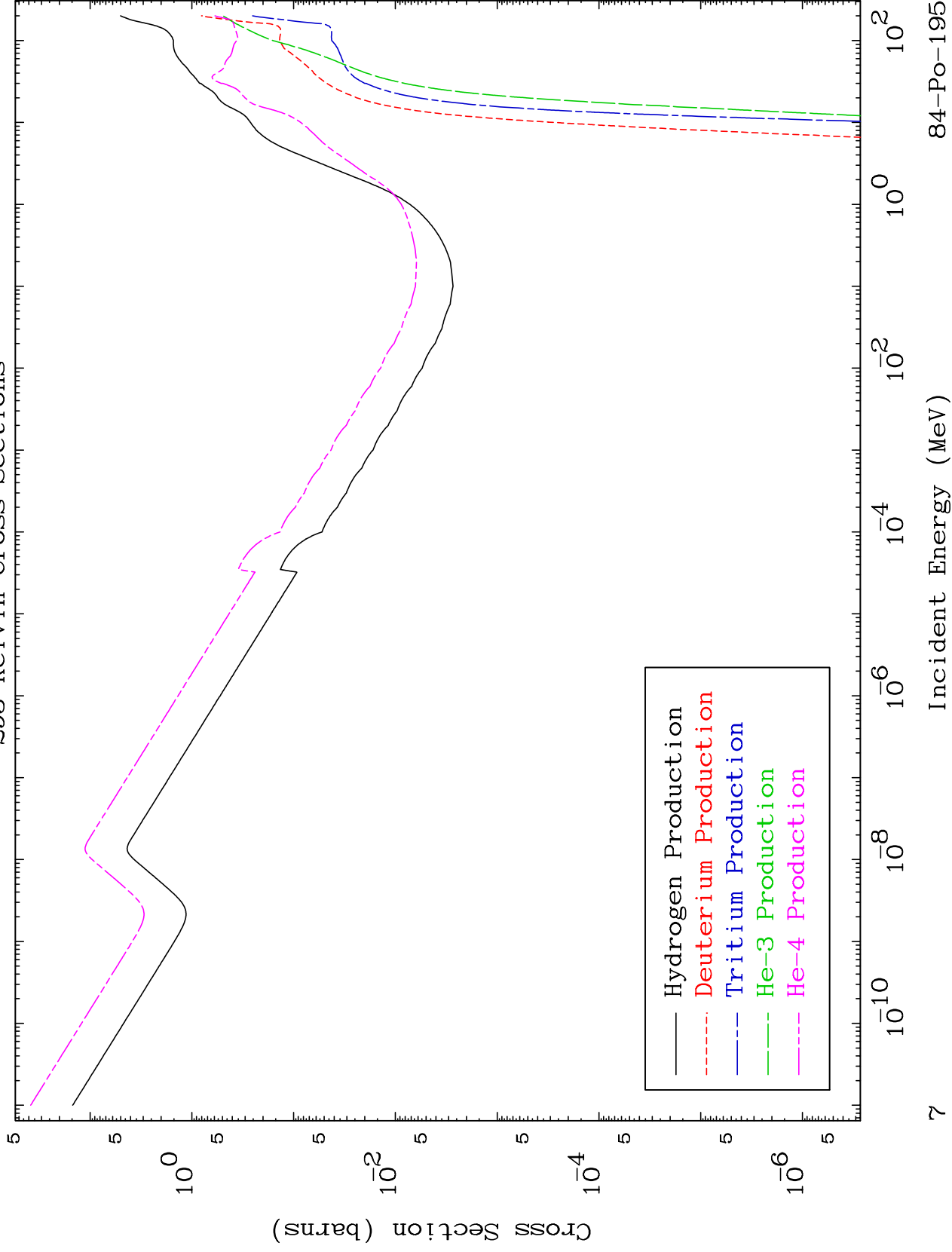
84-Po-195



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Particle Production
293 Kelvin Cross Sections

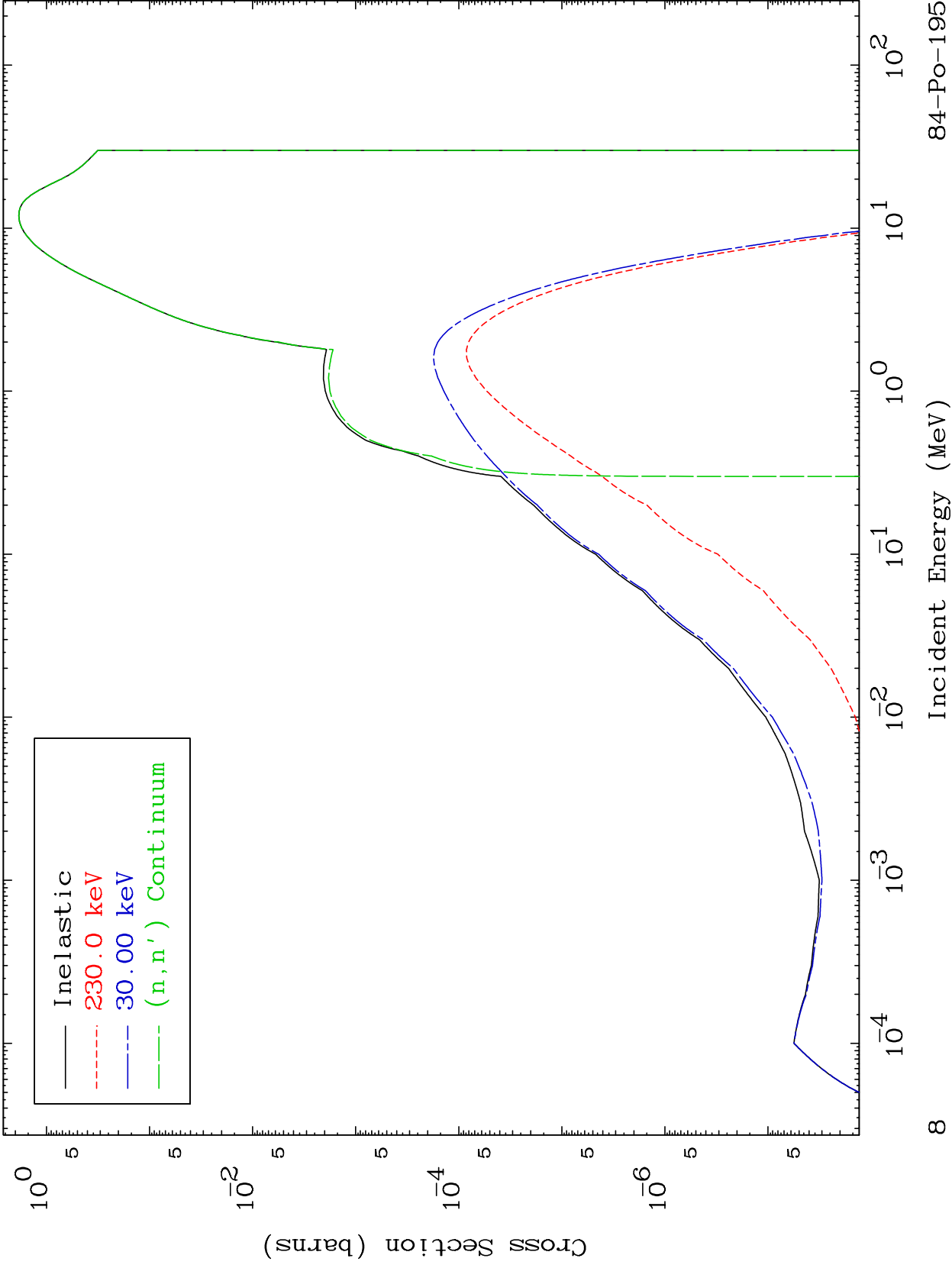
84-Po-195



MAT 8393

(n,n') Level
293 Kelvin Cross Sections

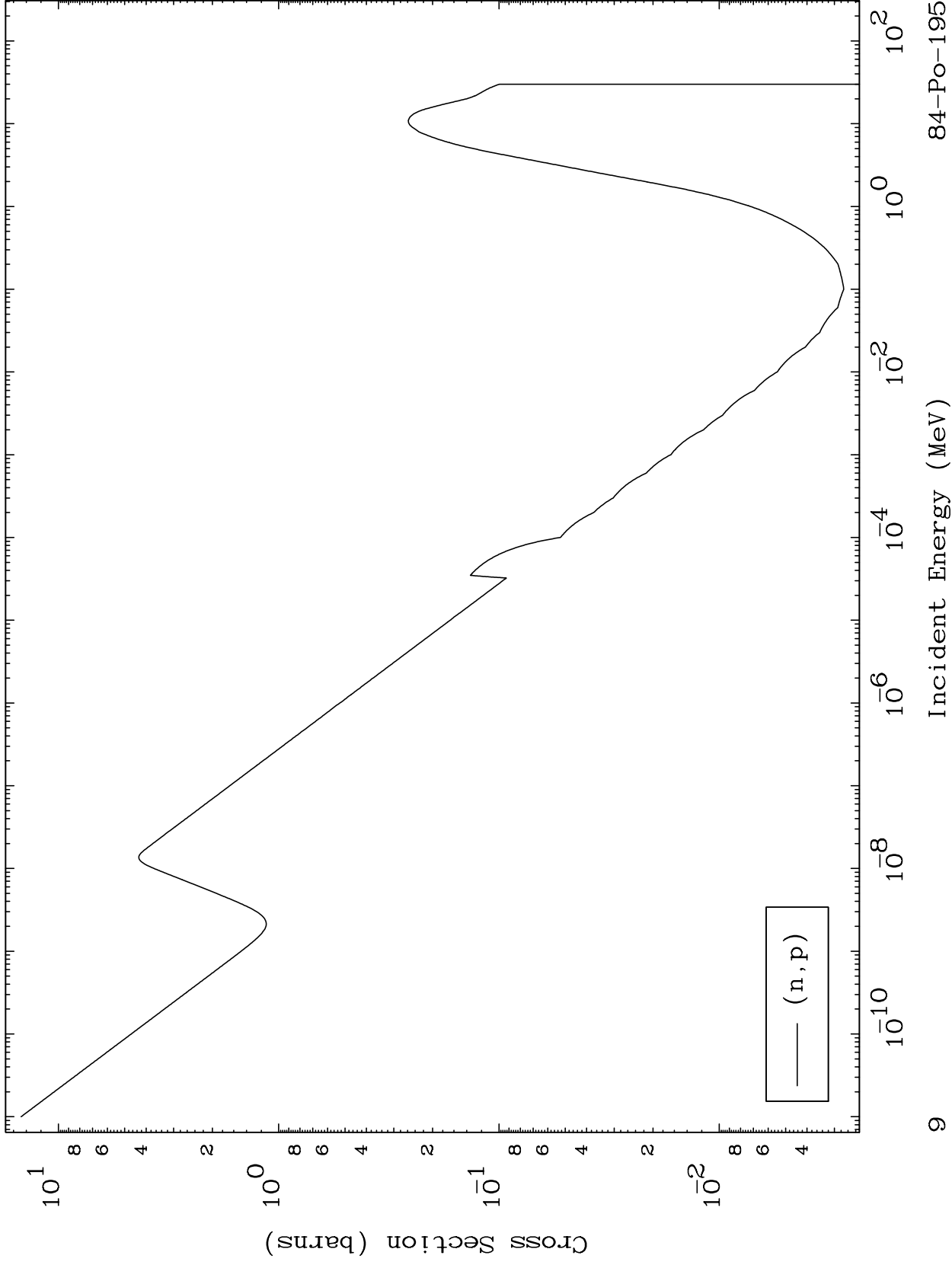
84-Po-195



MAT 8393

(n,p) Levels
293 Kelvin Cross Sections

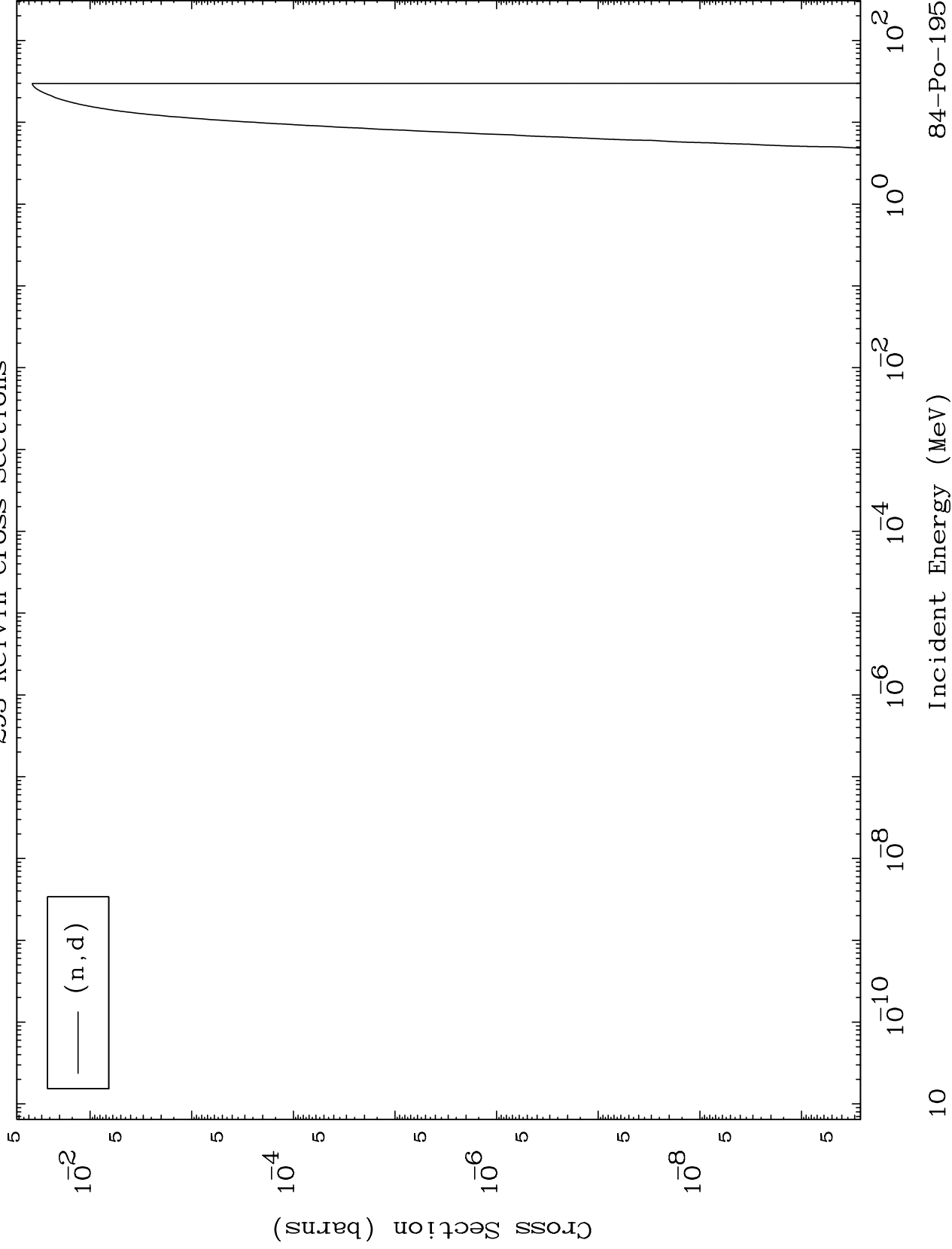
84-Po-195



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(n,d) Levels
293 Kelvin Cross Sections

84-Po-195



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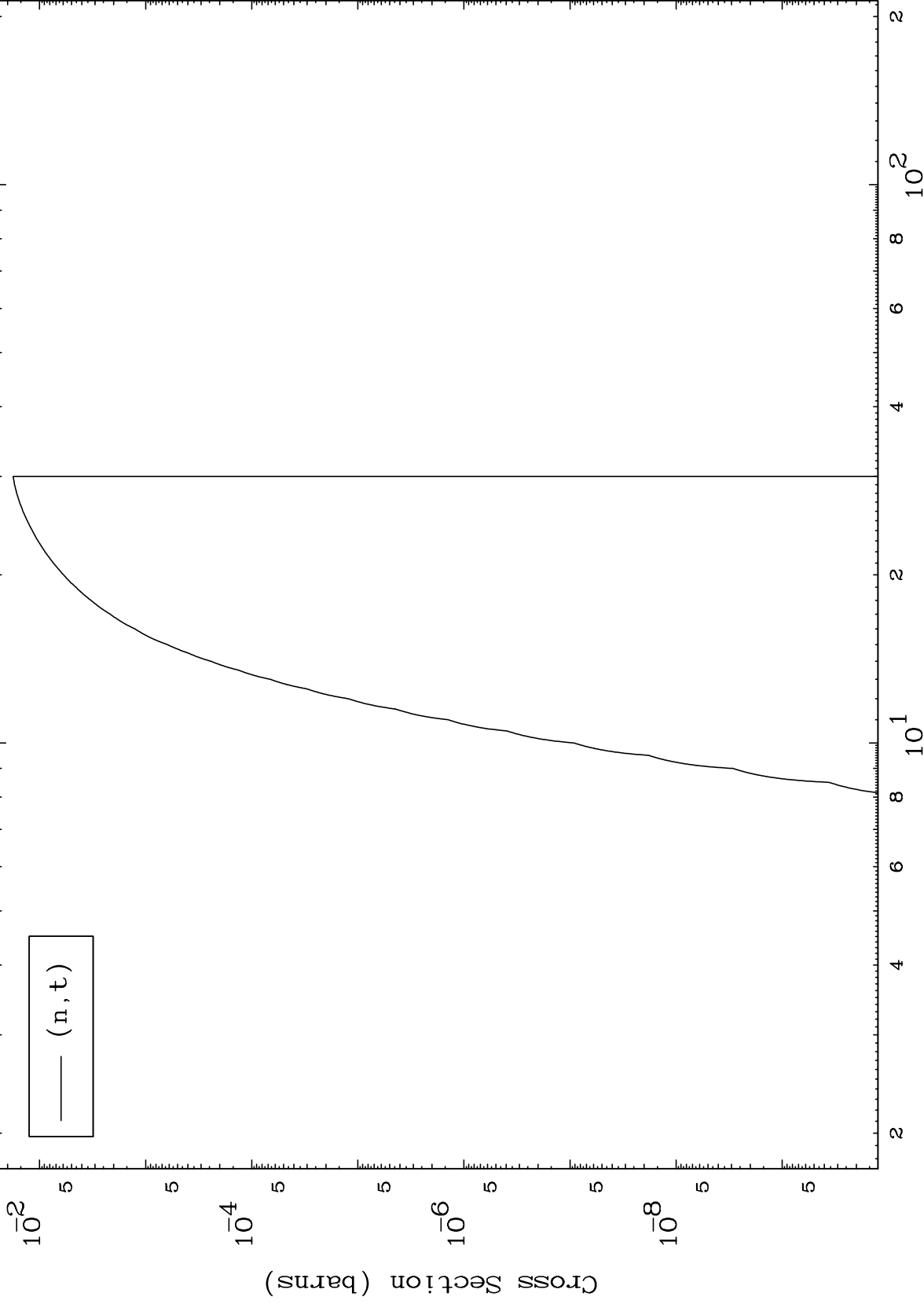
Incident Energy (MeV)

84-Po-195

MAT 8393

(n,t) Levels
293 Kelvin Cross Sections

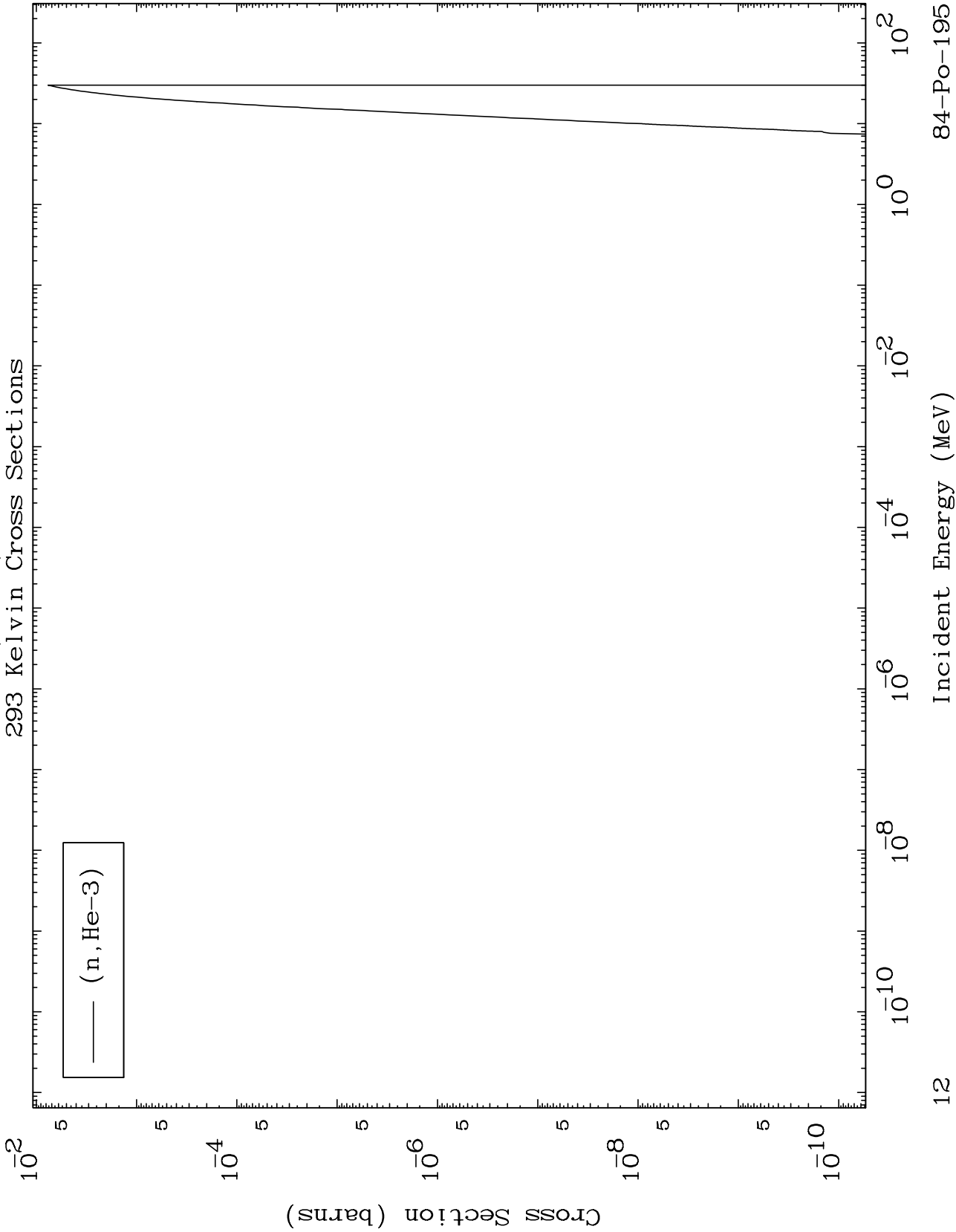
84-Po-195



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(n,He3) Levels
293 Kelvin Cross Sections

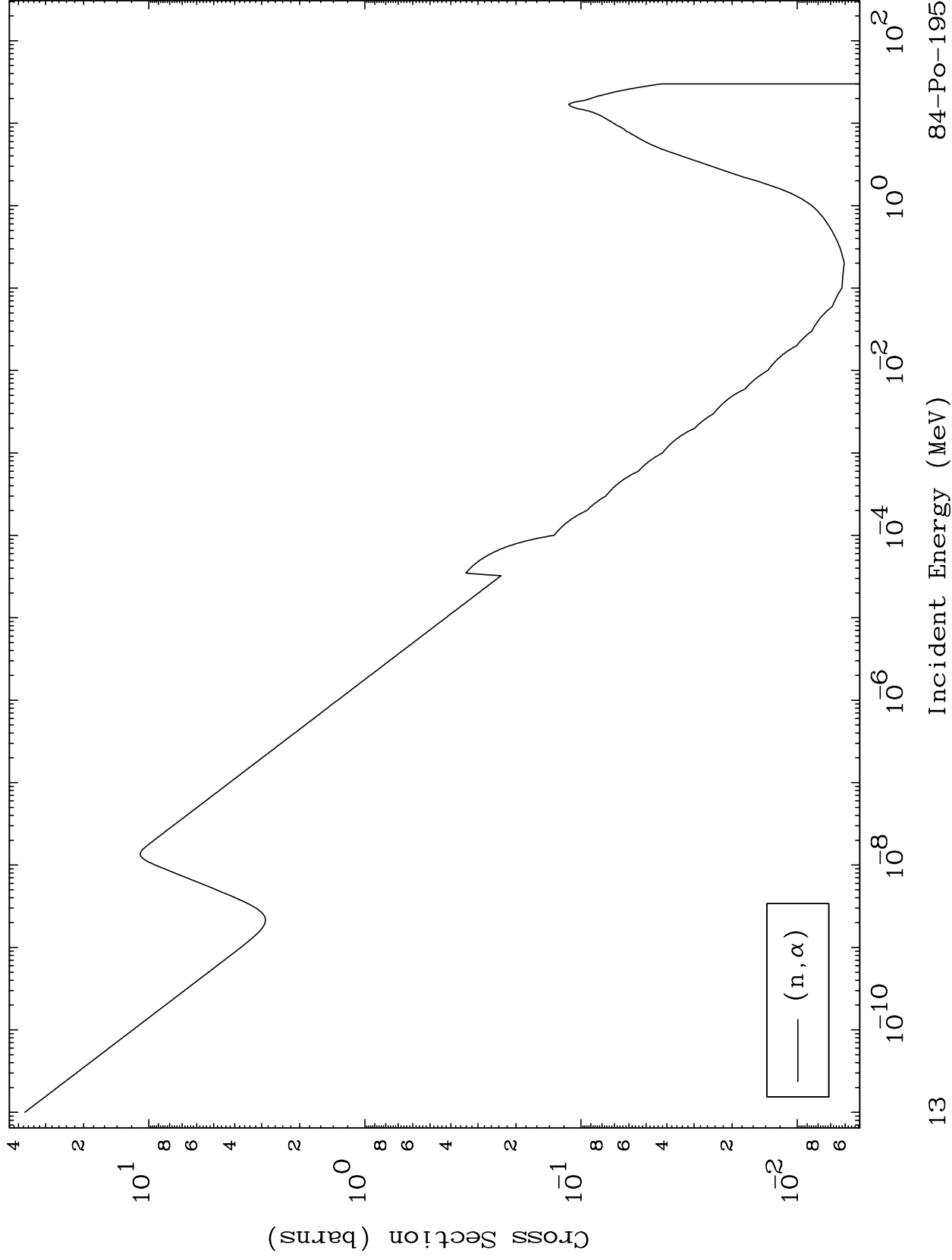
84-Po-195

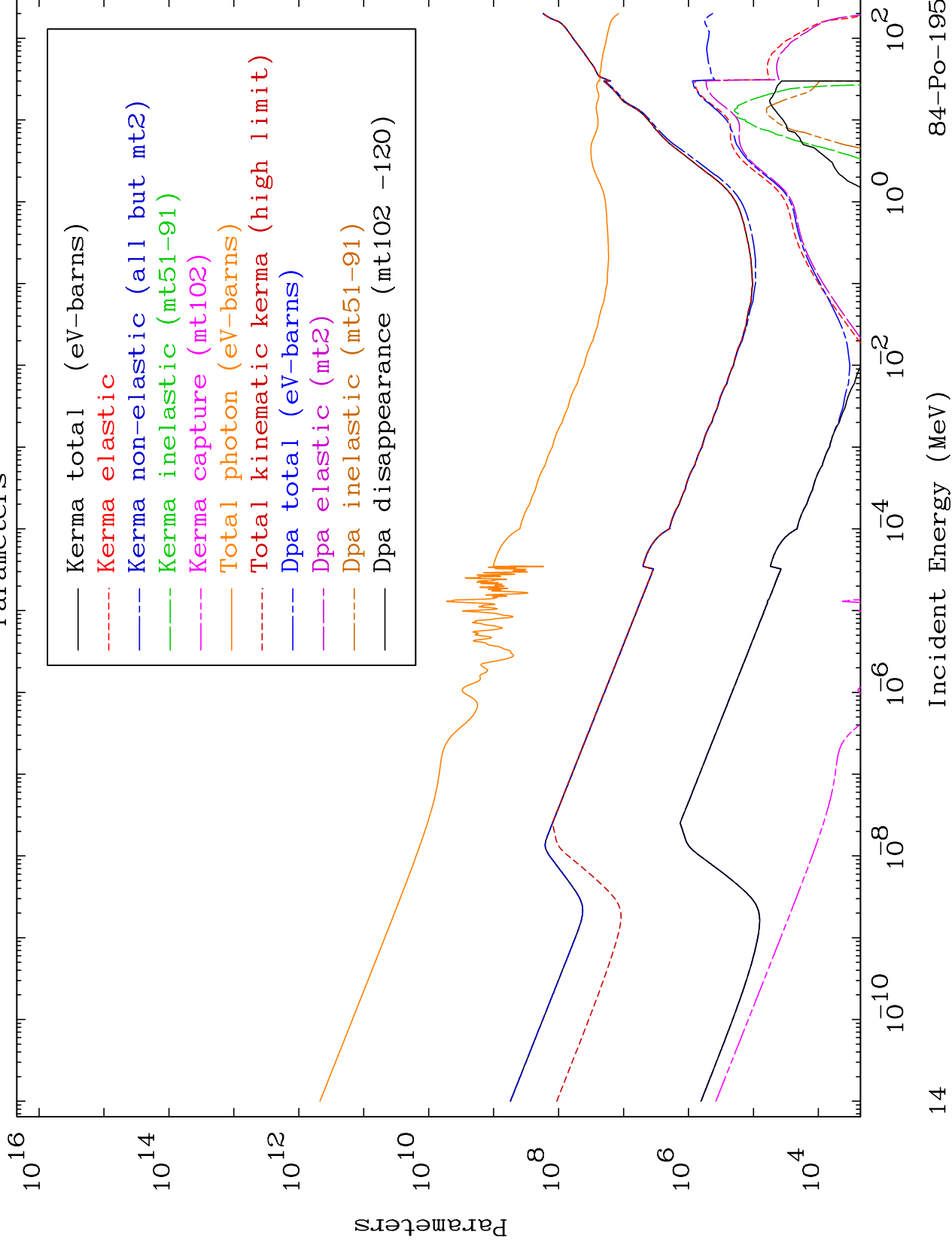


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(n,α) Levels
293 Kelvin Cross Sections

84-Po-195

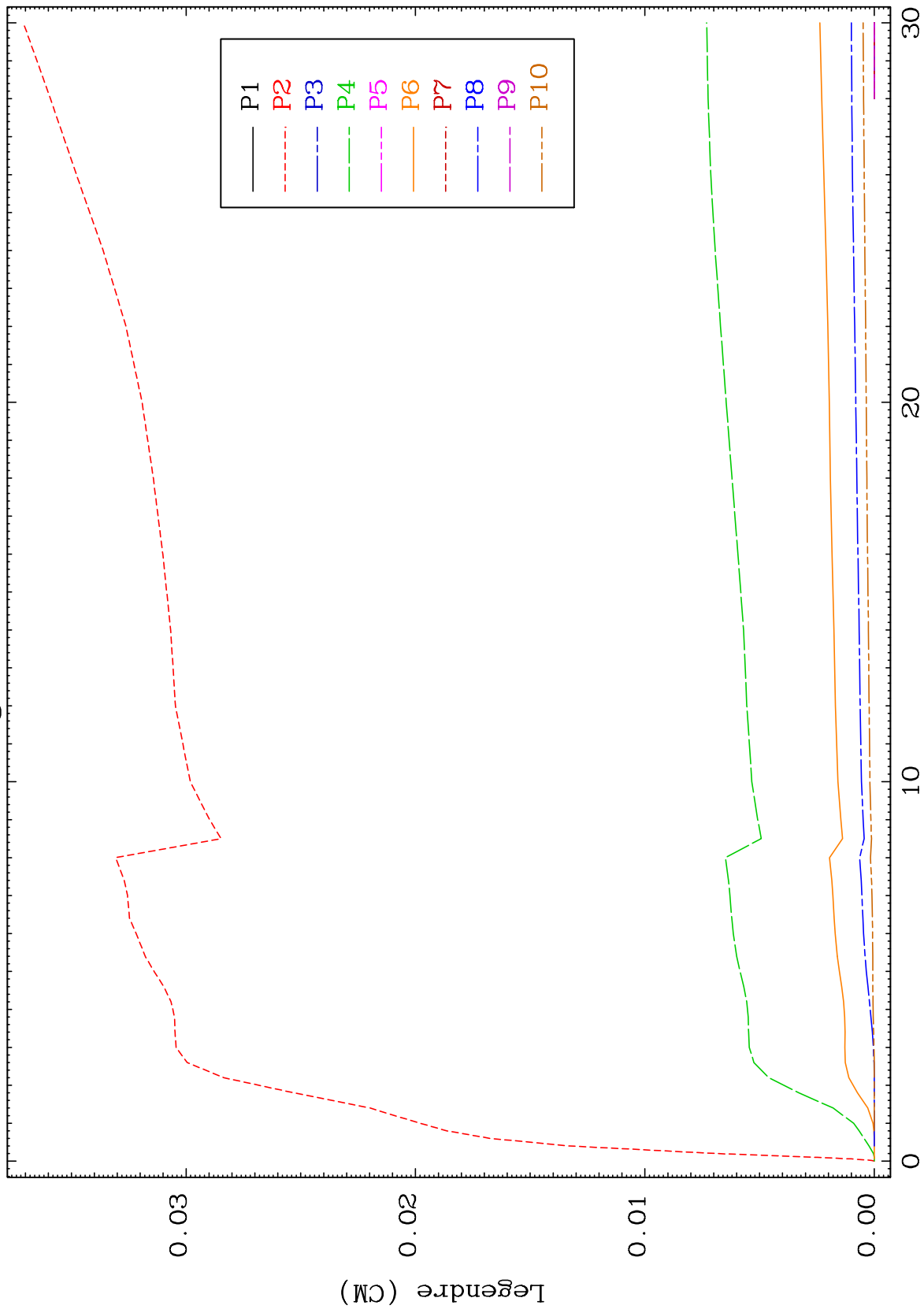




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Elastic Legendre Coefficients

84-Po-195



84-Po-195

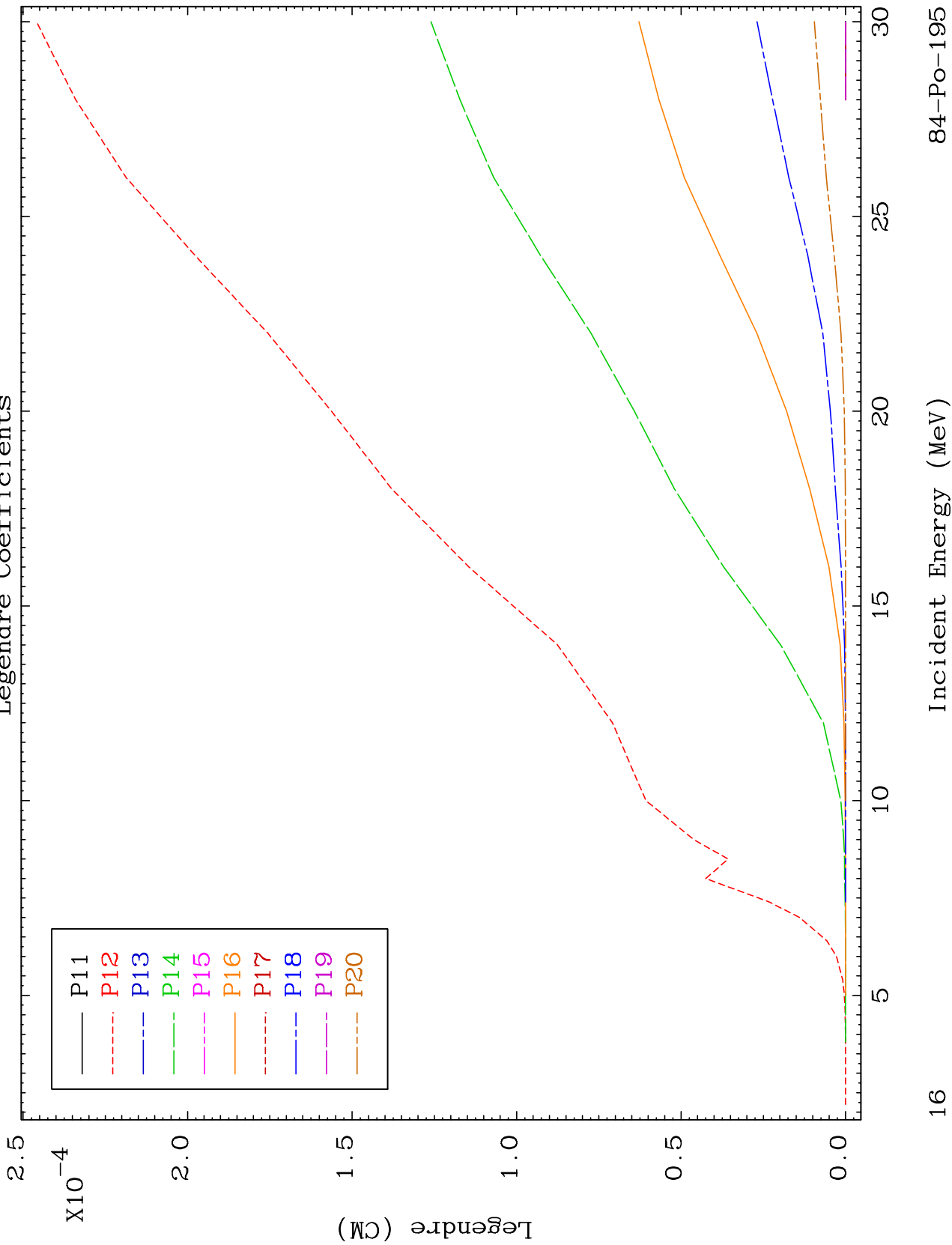
Incident Energy (MeV)

15

MAT 8393

Elastic
Legendre Coefficients

84-Po-195

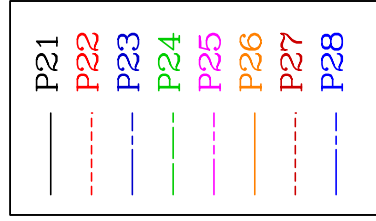


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Elastic
Legendre Coefficients

84-Po-195



$\times 10^{-6}$

1.5

1.0

0.5

0.0

Legendre (CM)

15

20

25

30

17

Incident Energy (MeV)

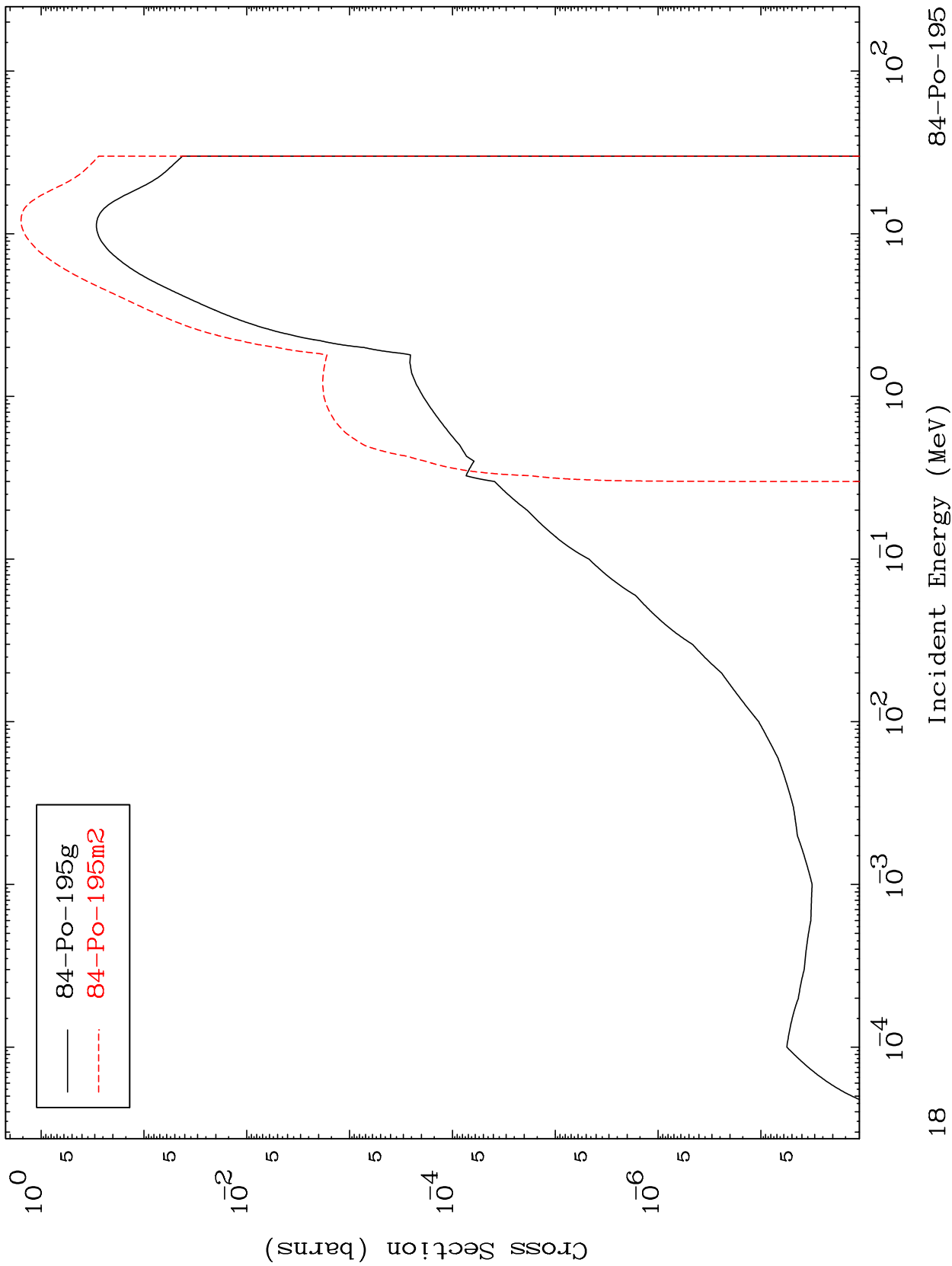
84-Po-195



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84-Po-195

Inelastic
Radionuclide Production Cross Section

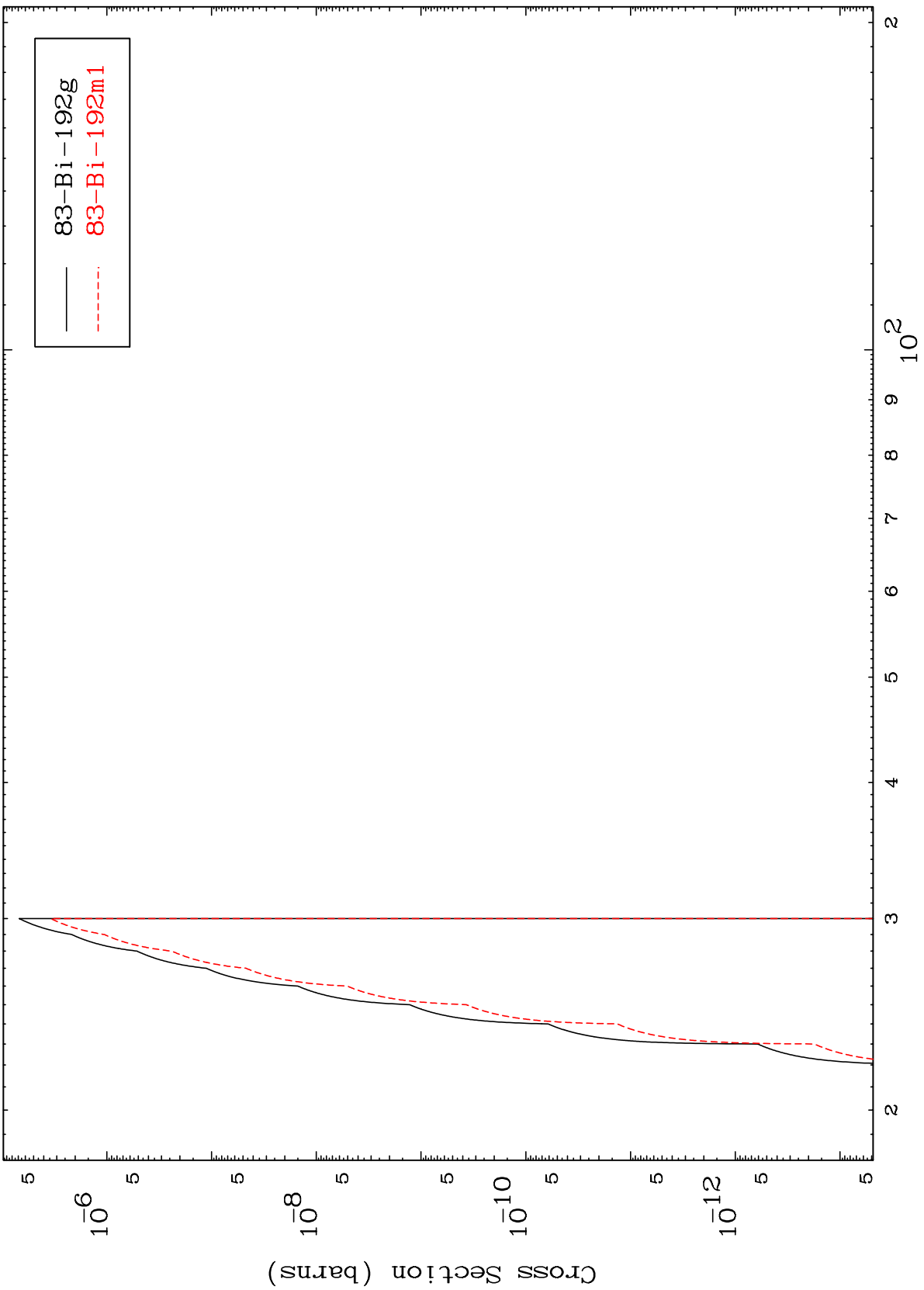


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(n,2n) d

84-Po-195

Radionuclide Production Cross Section



19

Incident Energy (MeV)

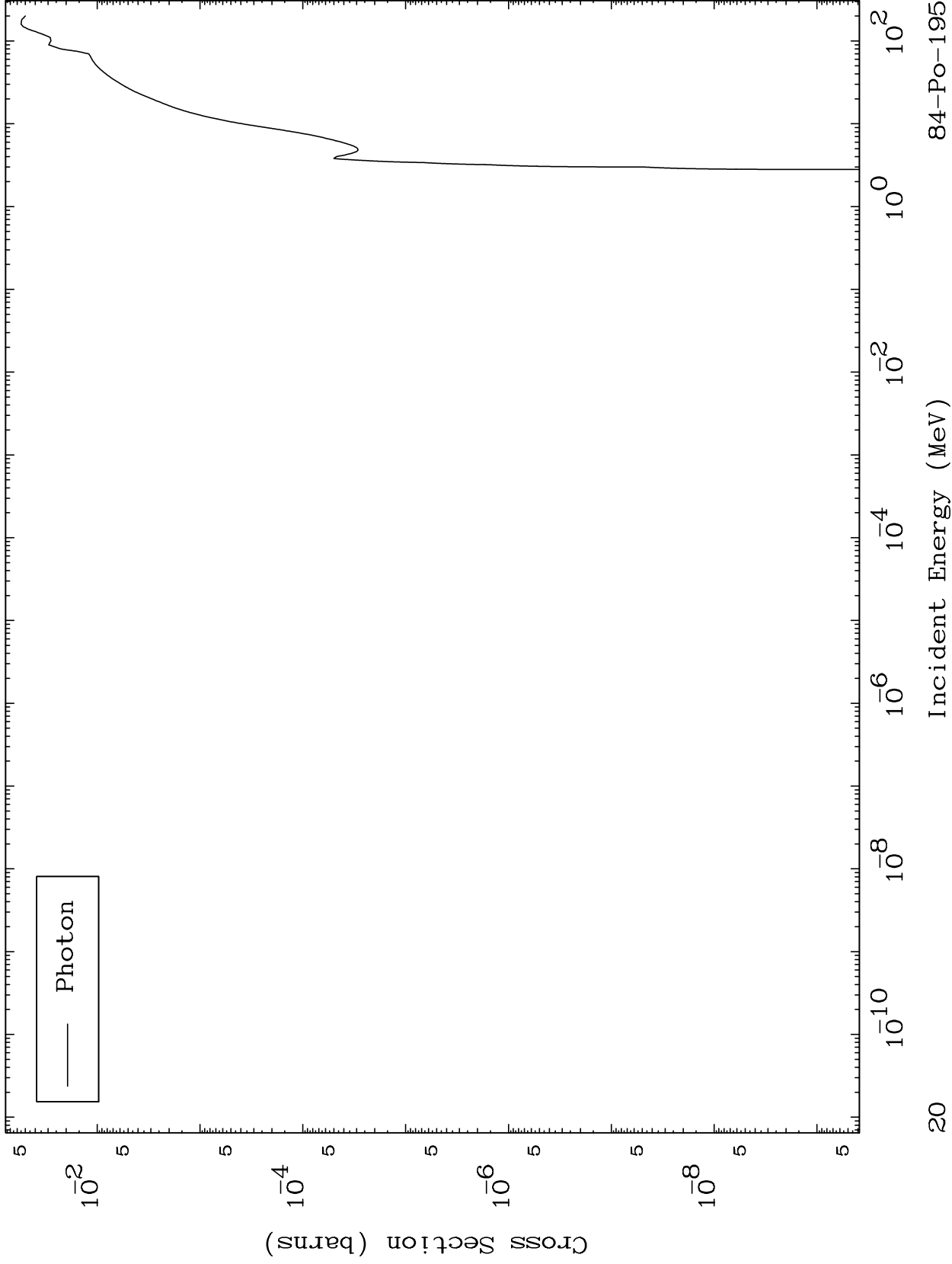
84-Po-195

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Fission

84-Po-195

Radionuclide Production Cross Section



20

Incident Energy (MeV)

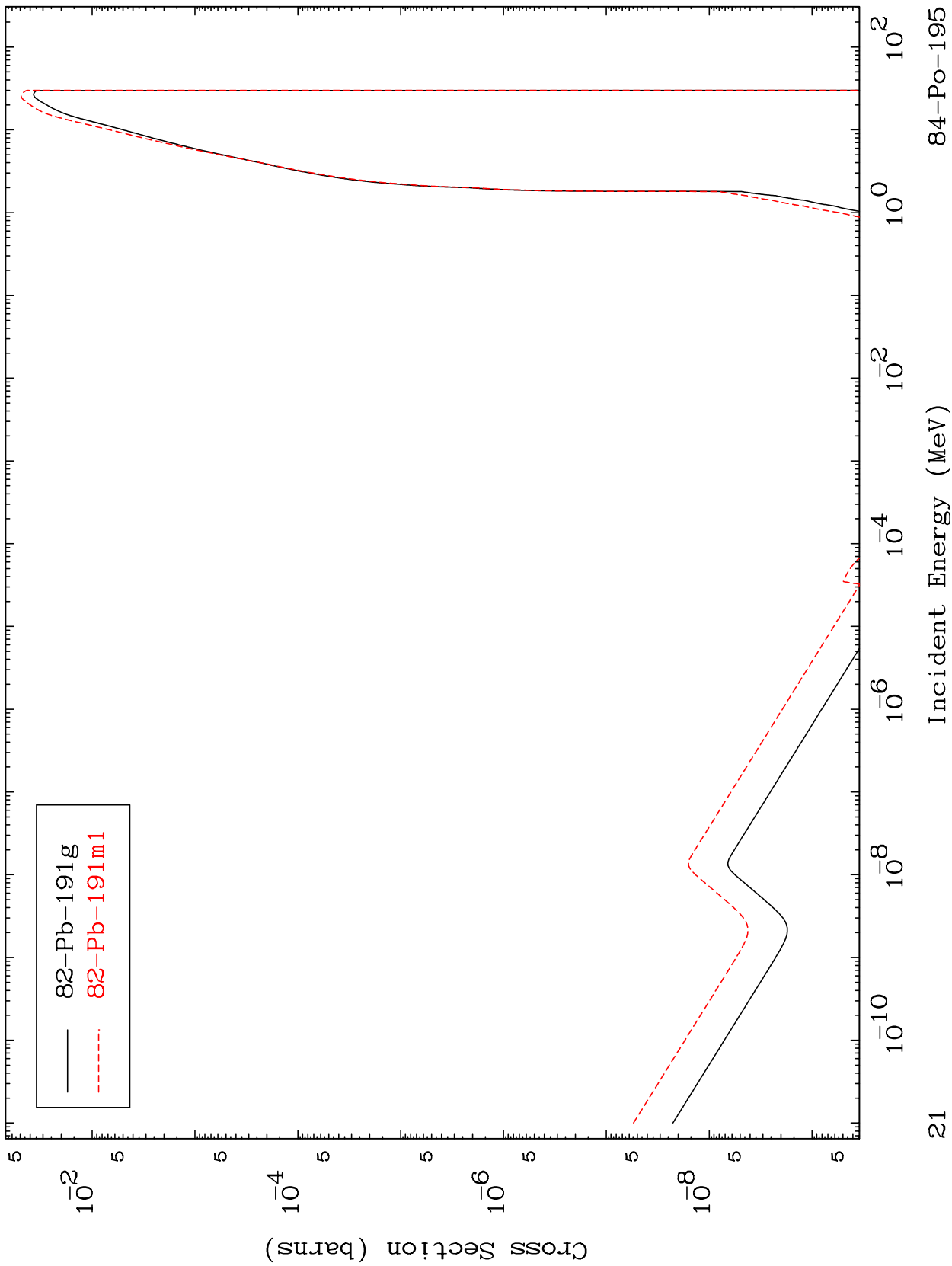
84-Po-195

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$(n, n') \alpha$

84-Po-195

Radionuclide Production Cross Section

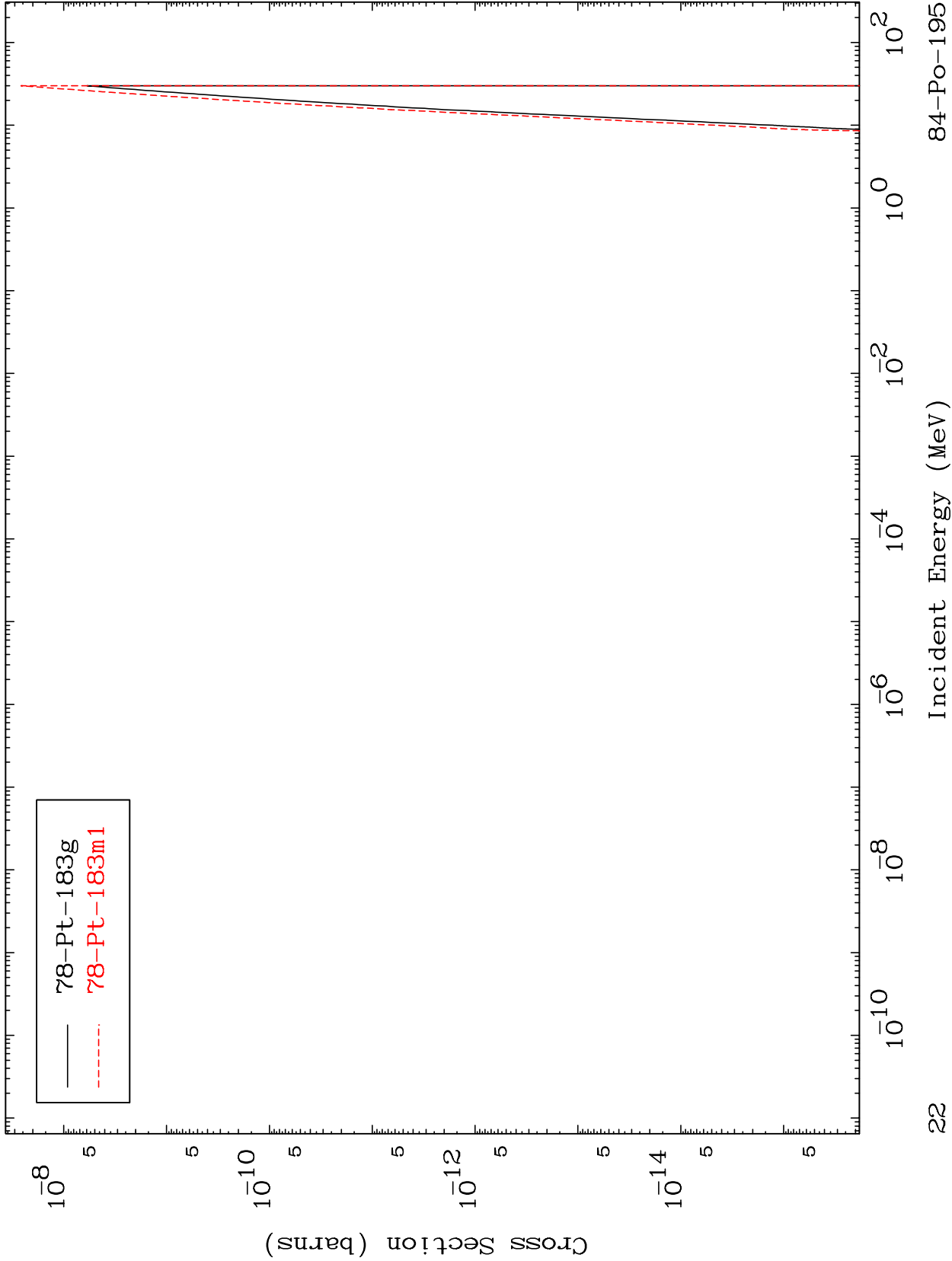


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(n,n') 3 α

84-Po-195

Radionuclide Production Cross Section

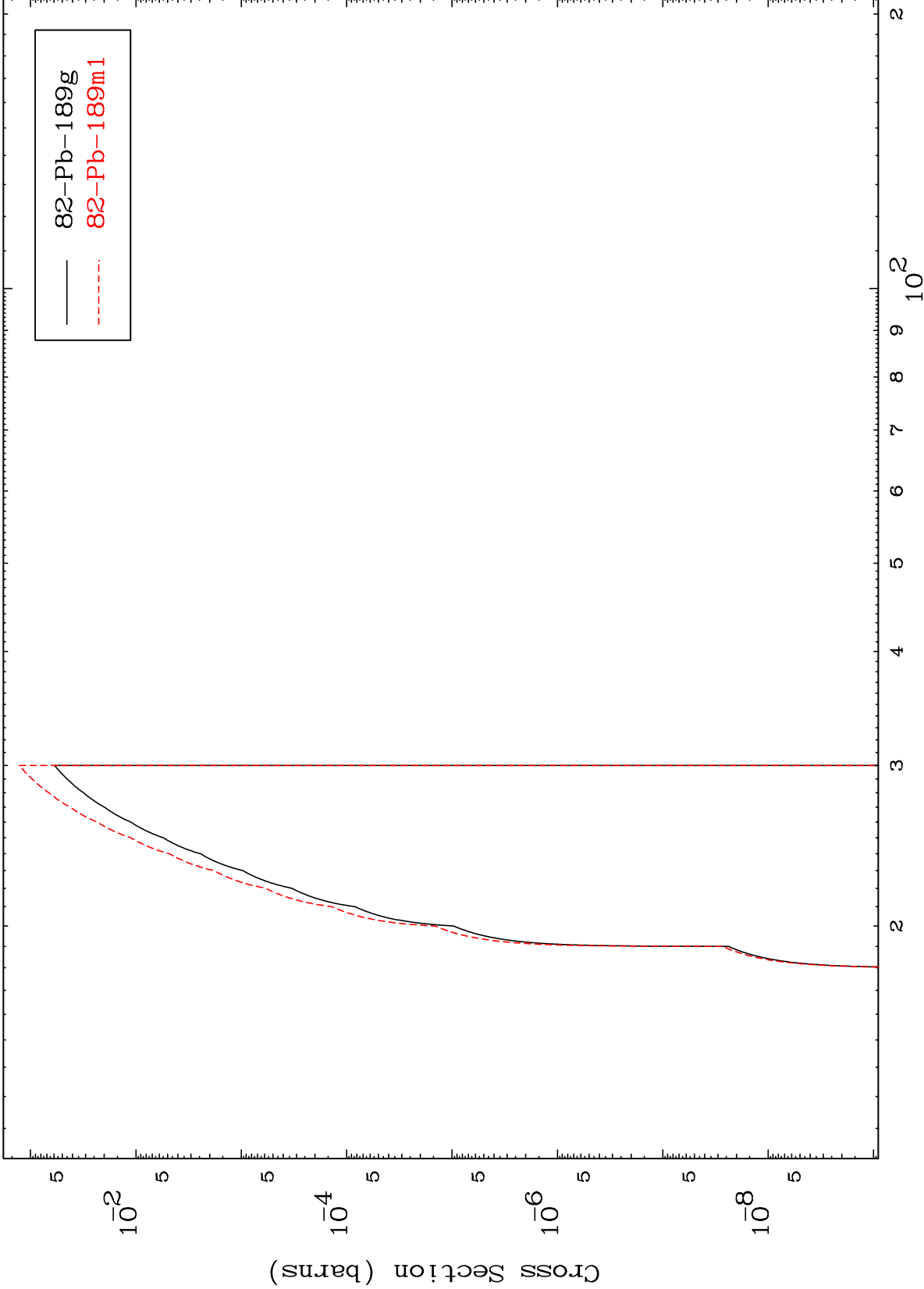


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(n,3n) α

84-Po-195

Radionuclide Production Cross Section

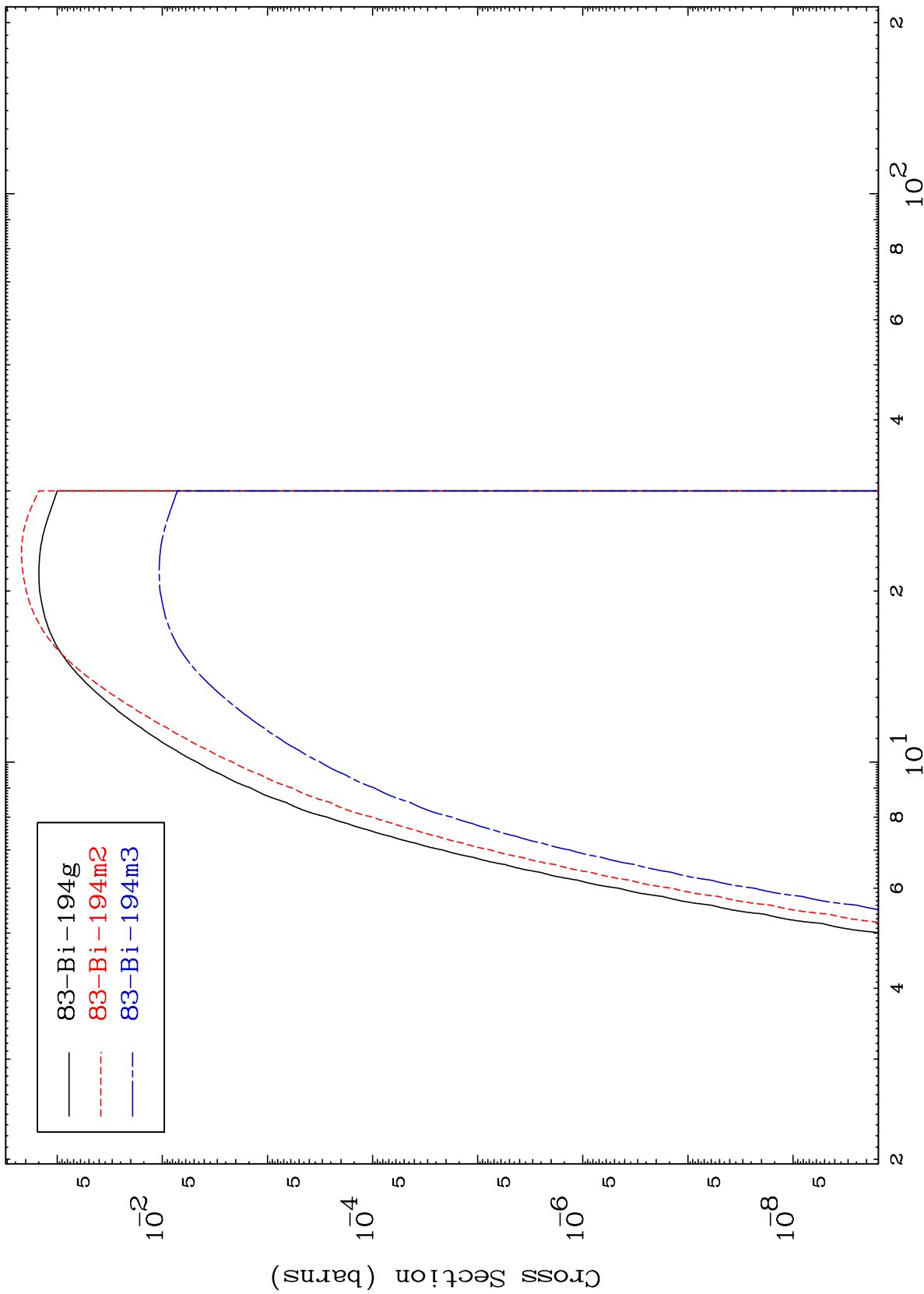


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84-Po-195

(n,n') p

Radionuclide Production Cross Section



24

Incident Energy (MeV)

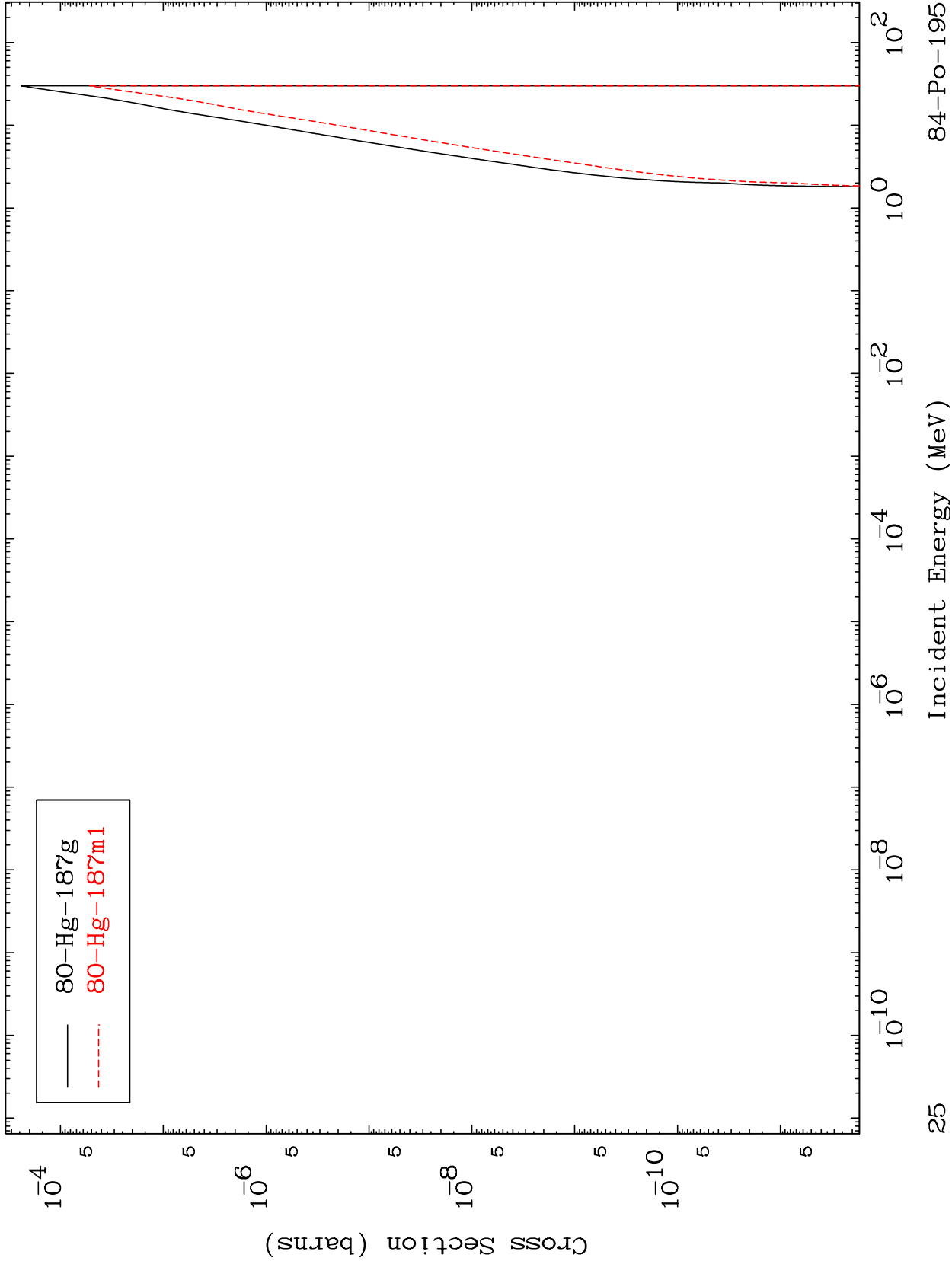
84-Po-195

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(n,n') 2α

84-Po-195

Radionuclide Production Cross Section

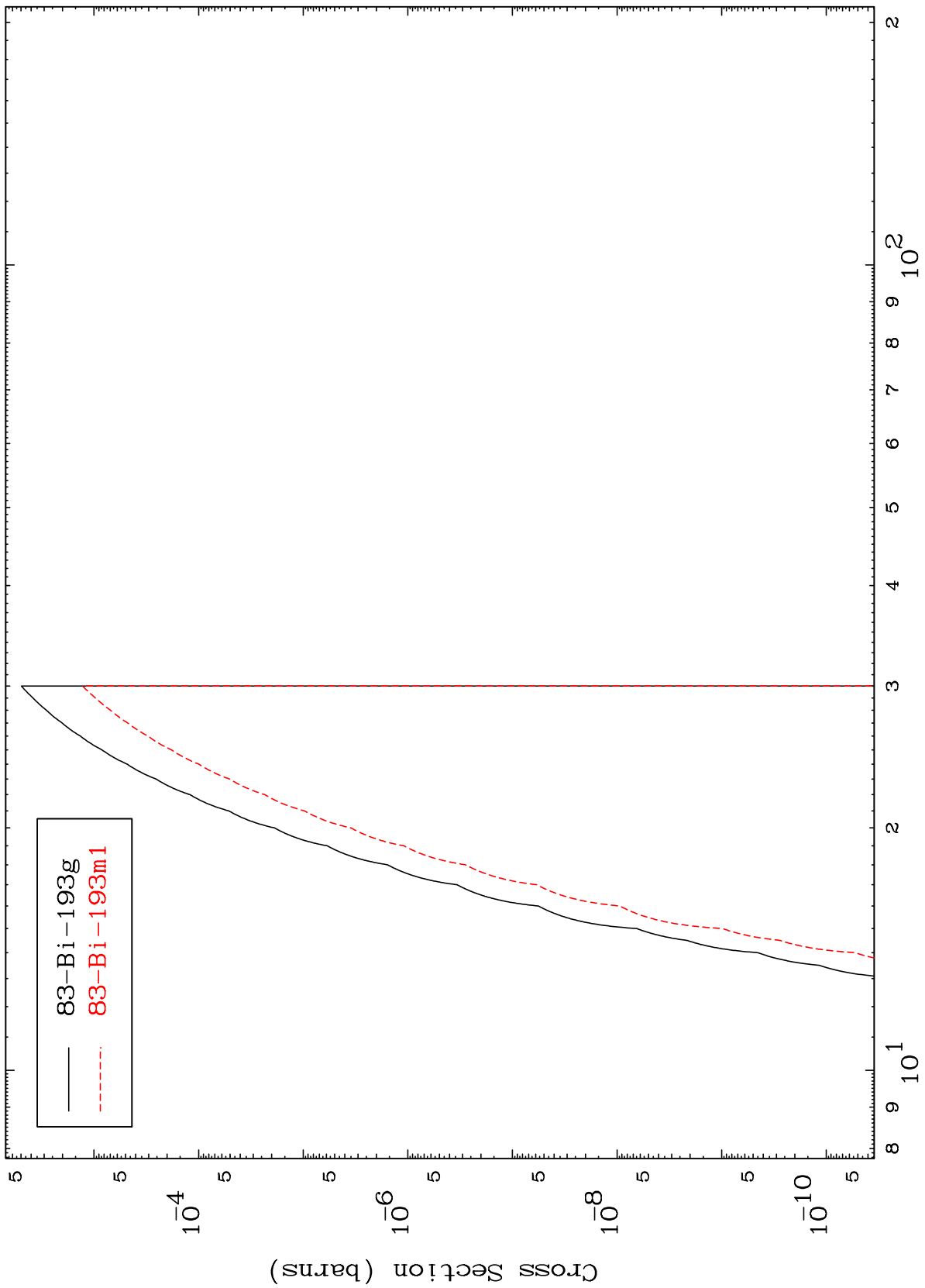


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(n,n') d

84-Po-195

Radionuclide Production Cross Section



83-Bi-193g
83-Bi-193m1

26

Incident Energy (MeV)

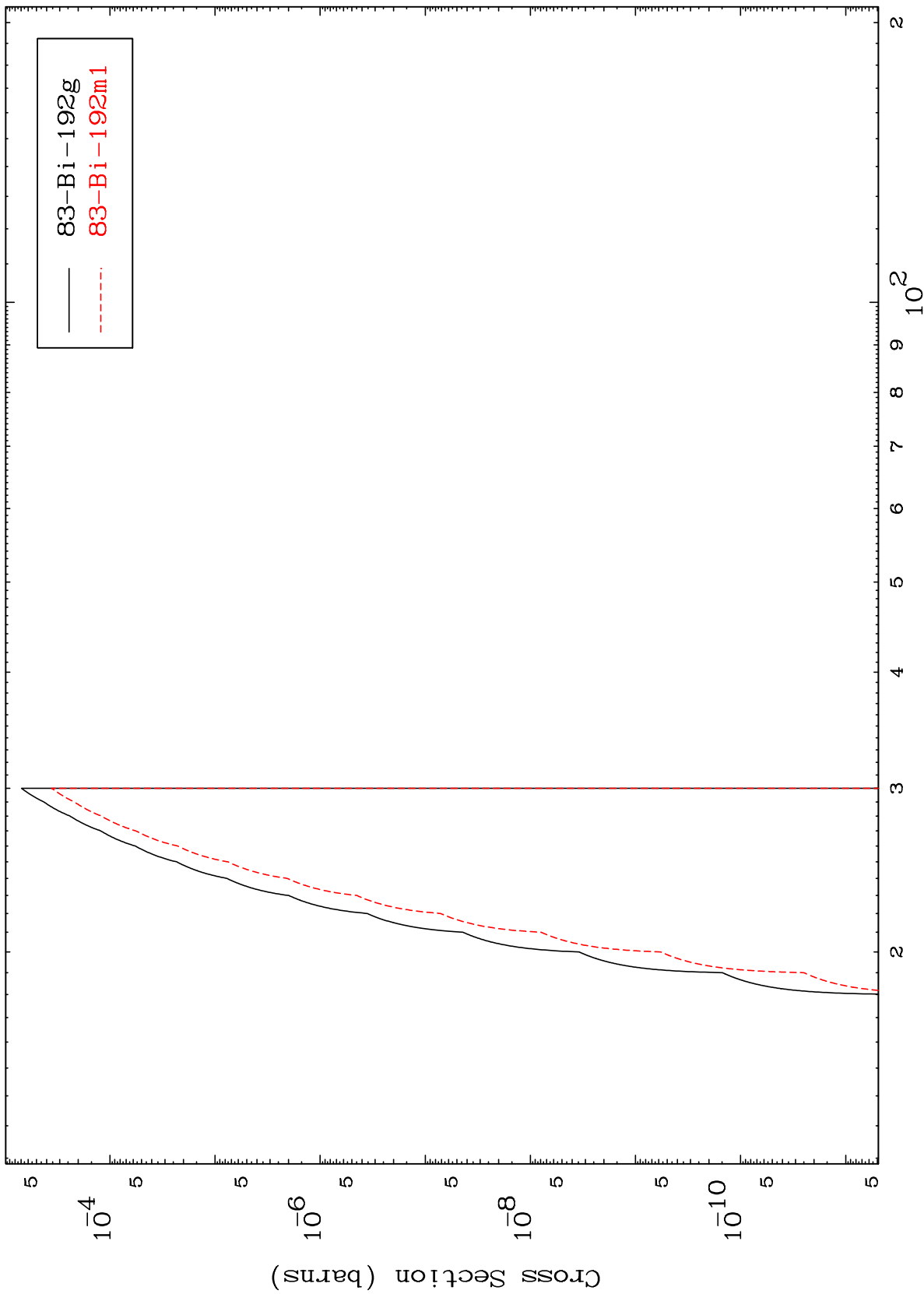
84-Po-195

MAT 8393

(n,n') t

84-Po-195

Radionuclide Production Cross Section



27

Incident Energy (MeV)

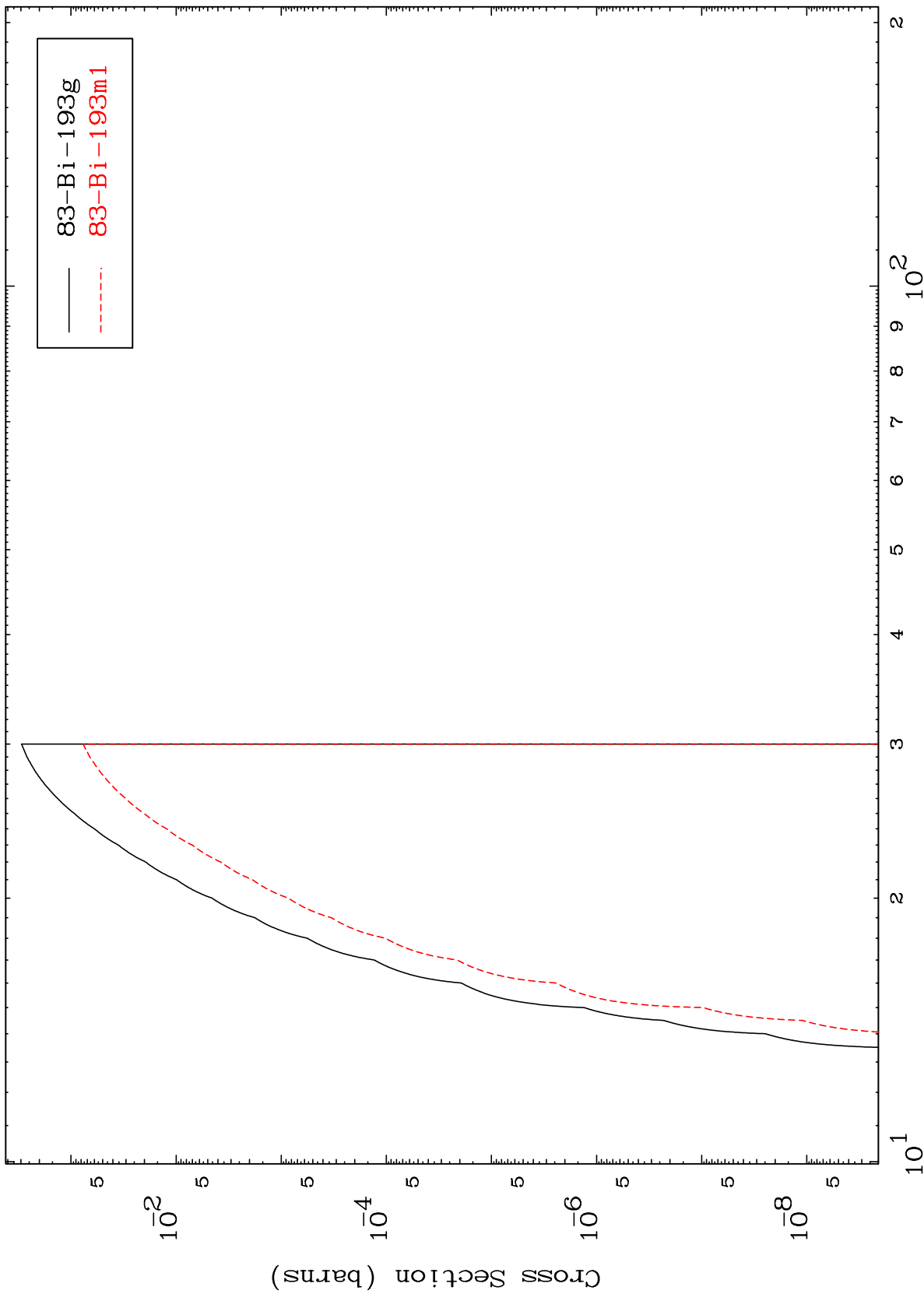
84-Po-195

MAT 8393

(n,2n) p

84-Po-195

Radionuclide Production Cross Section



83-Bi-193g
83-Bi-193m1

Incident Energy (MeV)

84-Po-195

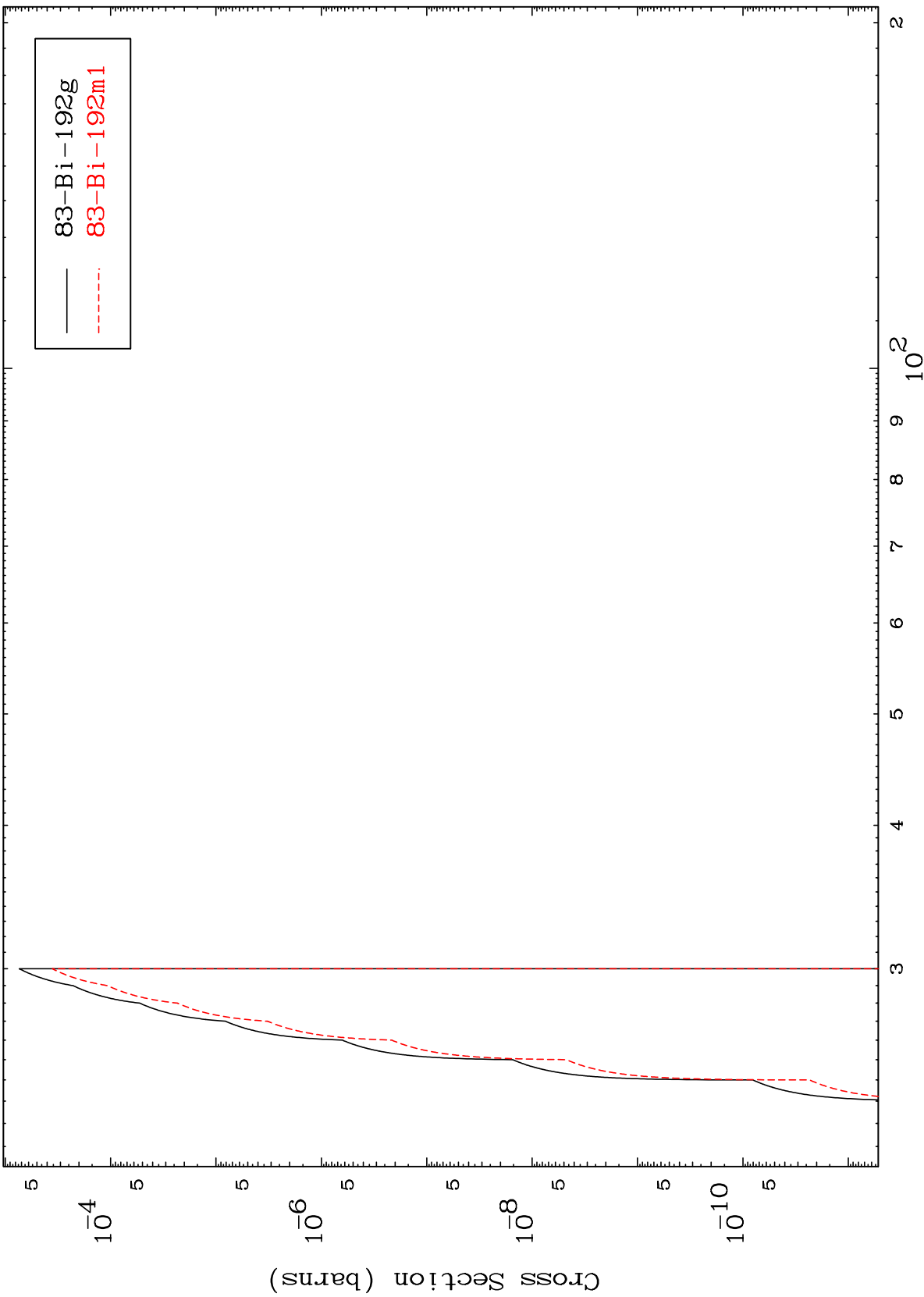
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MAT 8393

(n,3n) p

84-Po-195

Radionuclide Production Cross Section



83-Bi-192g
83-Bi-192m1

29

Incident Energy (MeV)

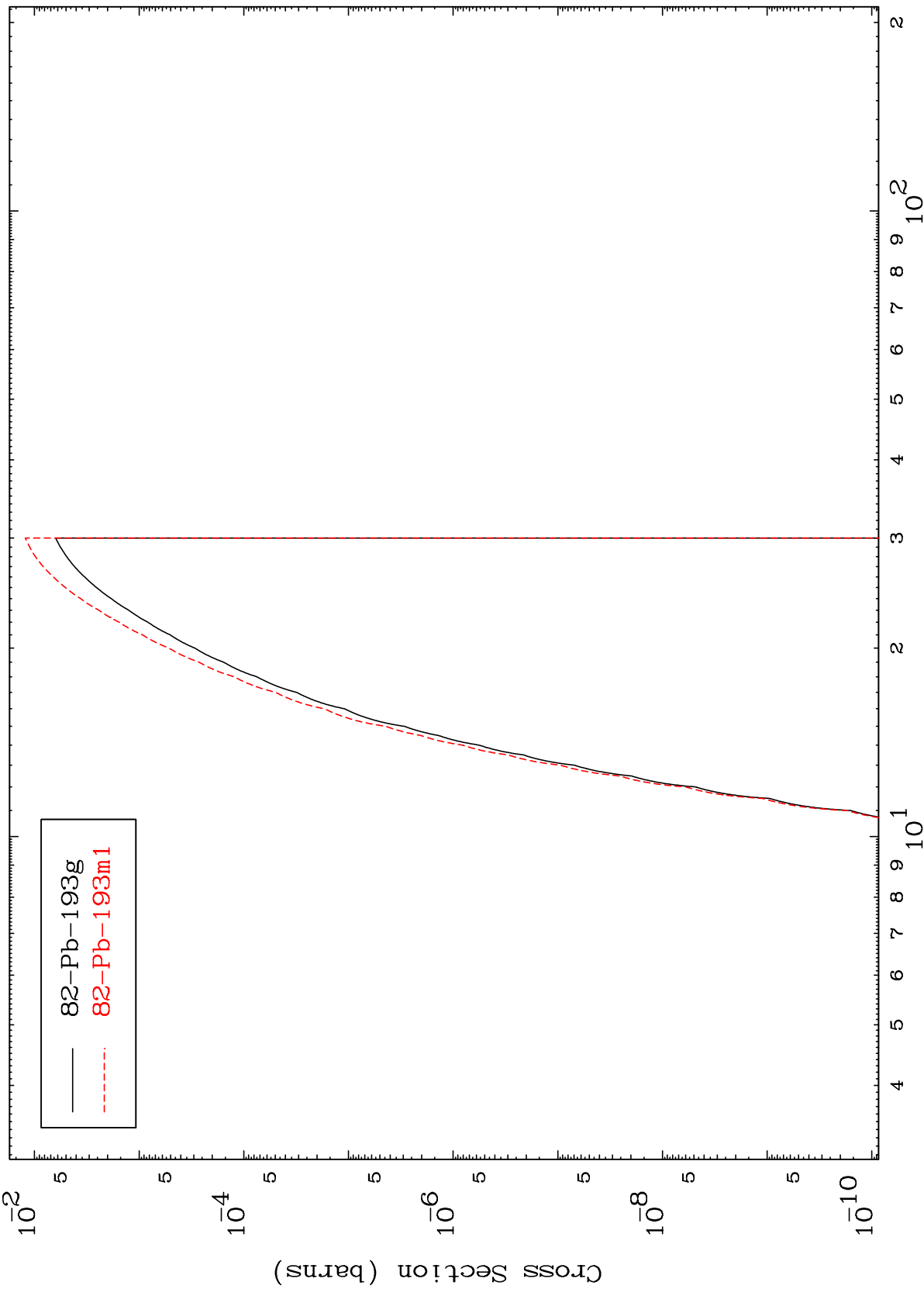
84-Po-195

MAT 8393

(n,2n) p

84-Po-195

Radionuclide Production Cross Section



Incident Energy (MeV)

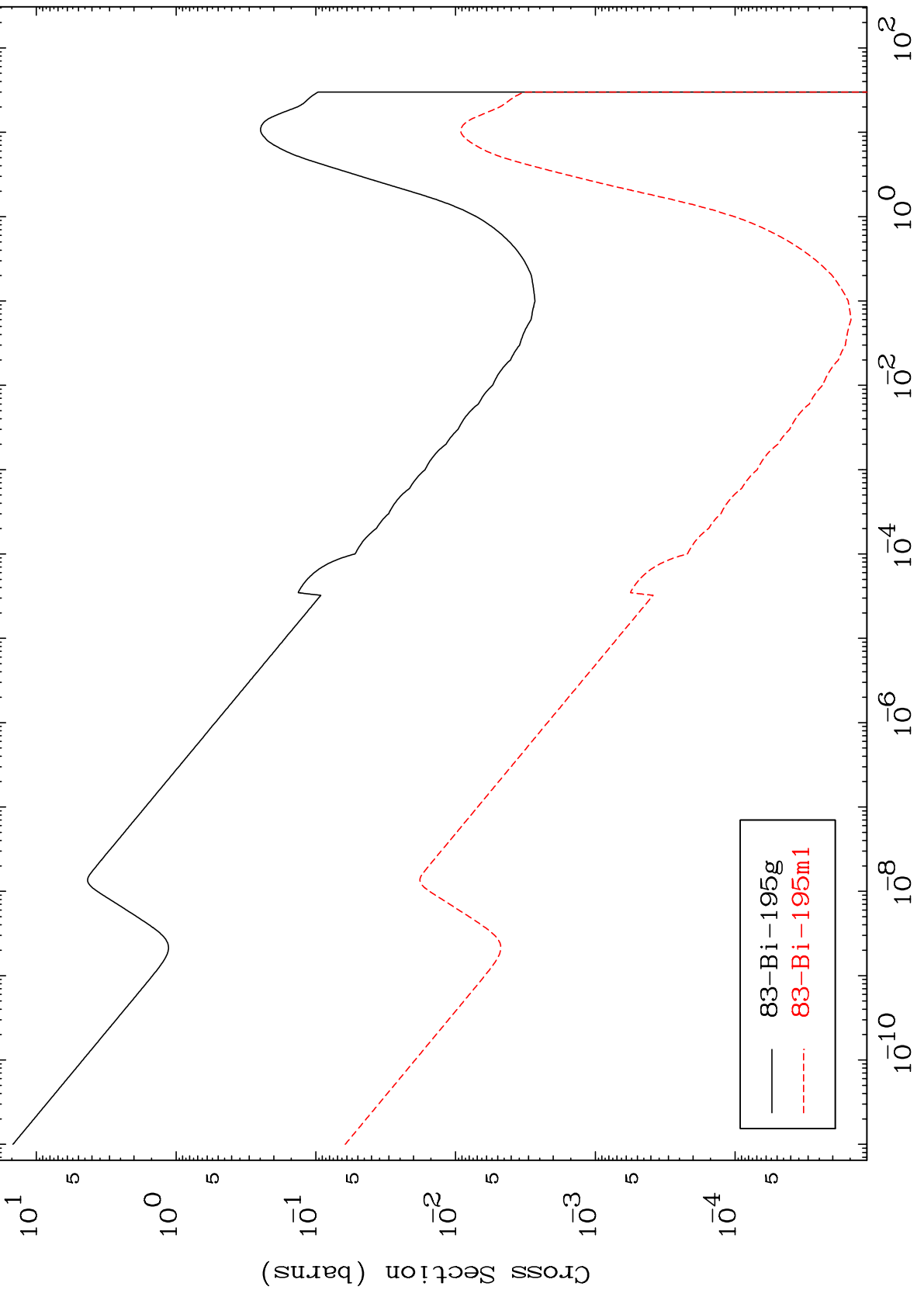
84-Po-195

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84-Po-195

(n,p)
Radionuclide Production Cross Section



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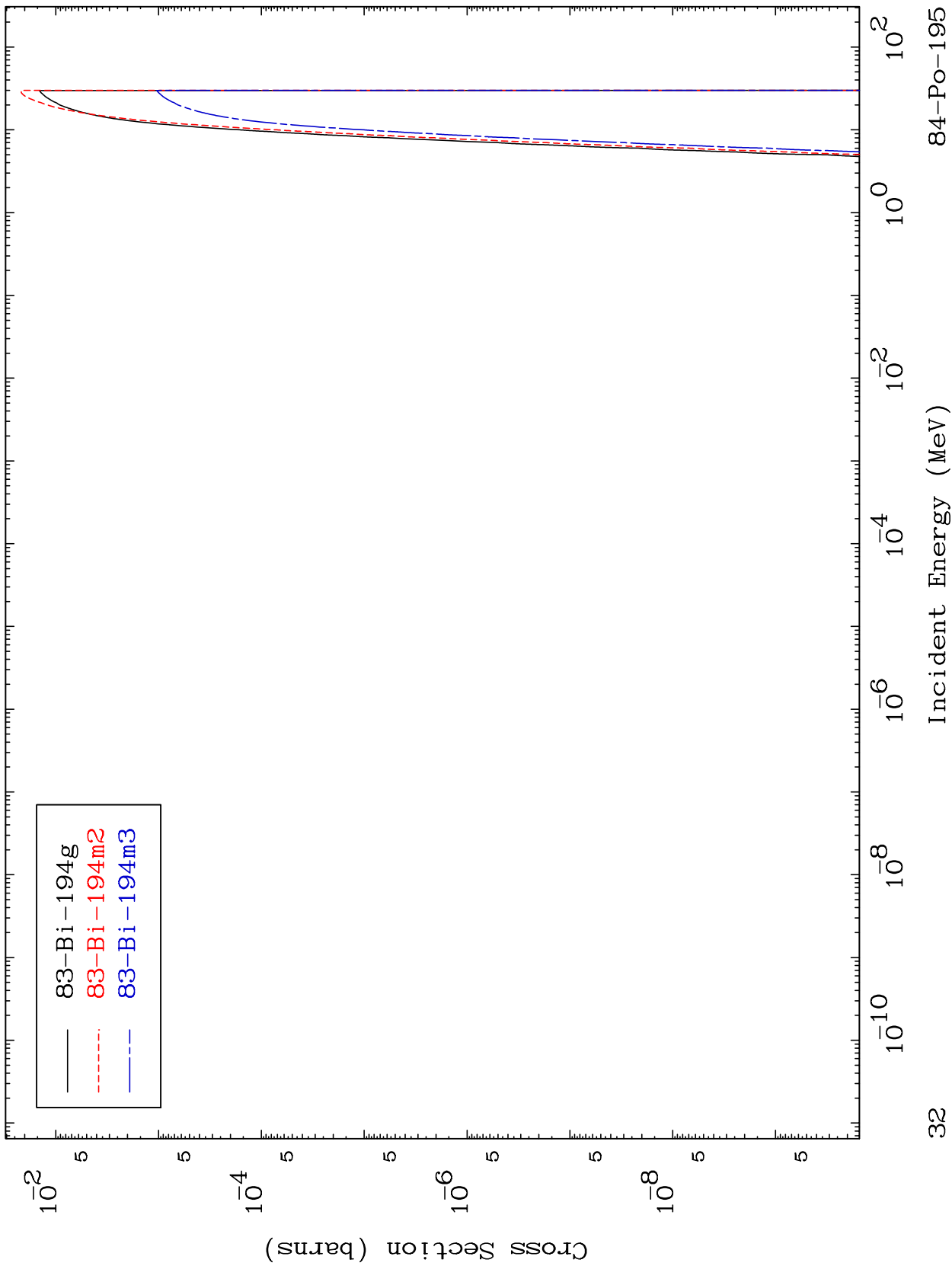
84-Po-195

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(n,d)

84-Po-195

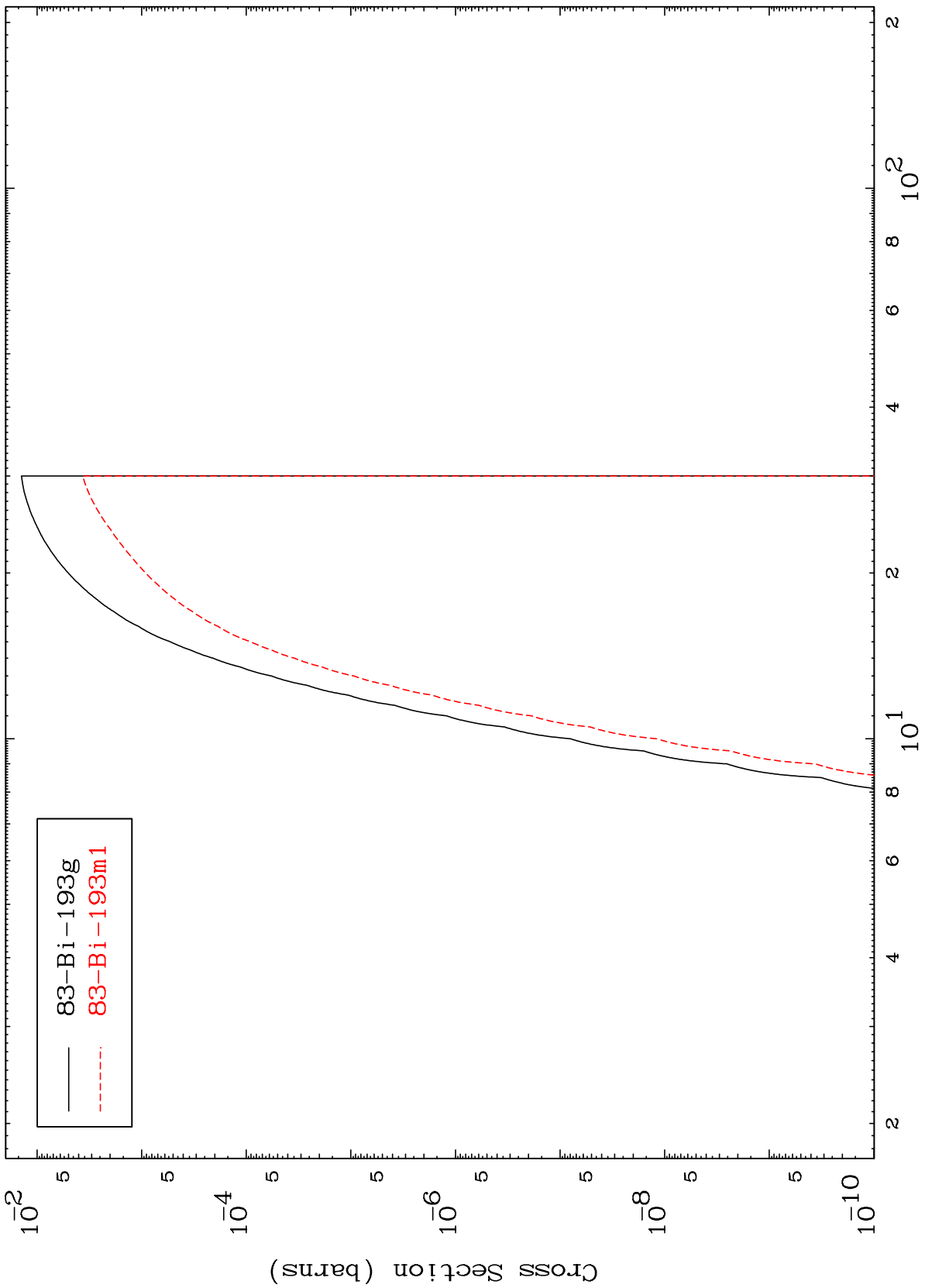
Radionuclide Production Cross Section



MAT 8393

84-Po-195

(n, t)
Radionuclide Production Cross Section



33

84-Po-195

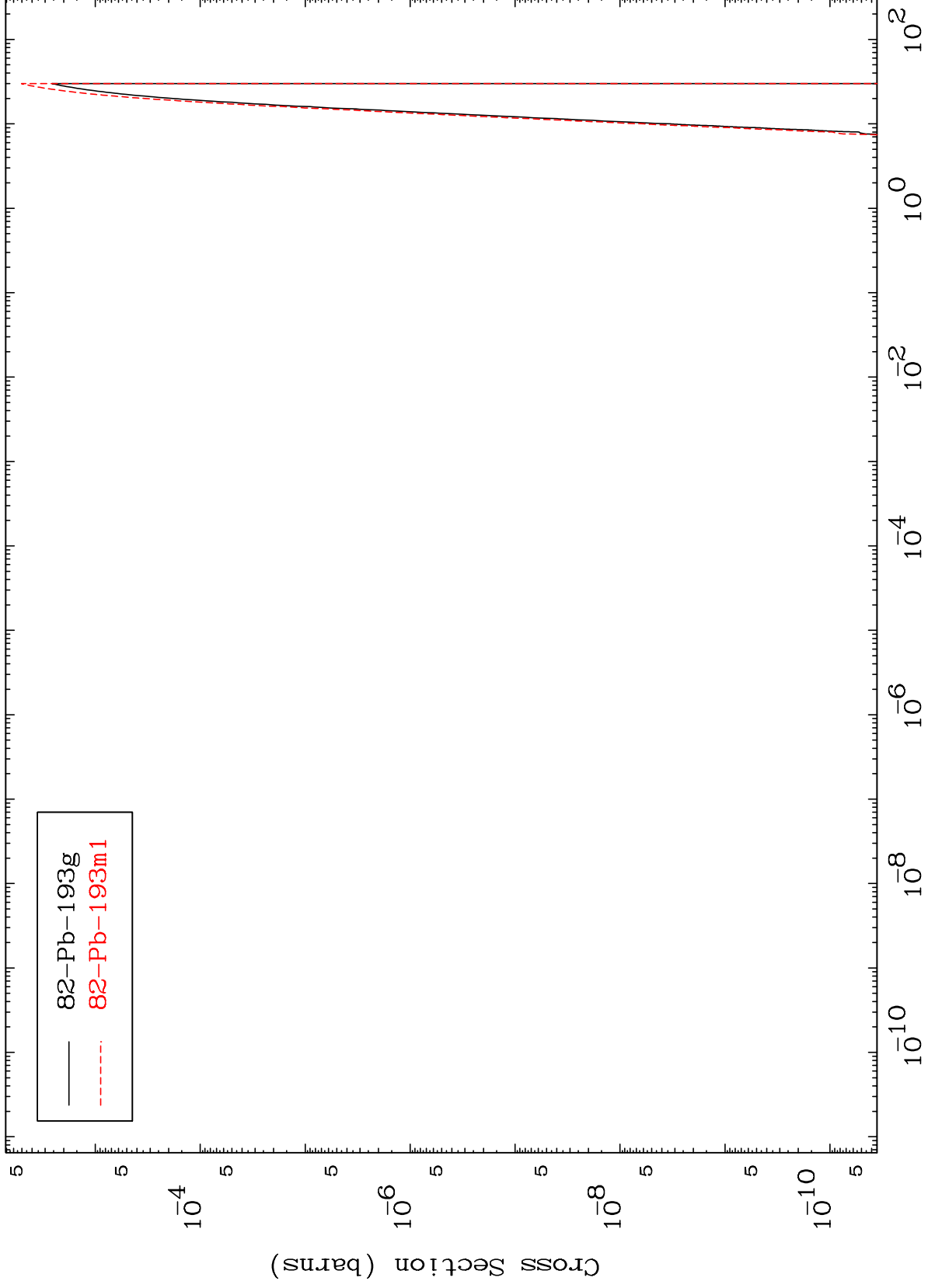
Incident Energy (MeV)

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(n,He-3)

84-Po-195

Radionuclide Production Cross Section



82-Pb-193g
82-Pb-193m1

34

Incident Energy (MeV)

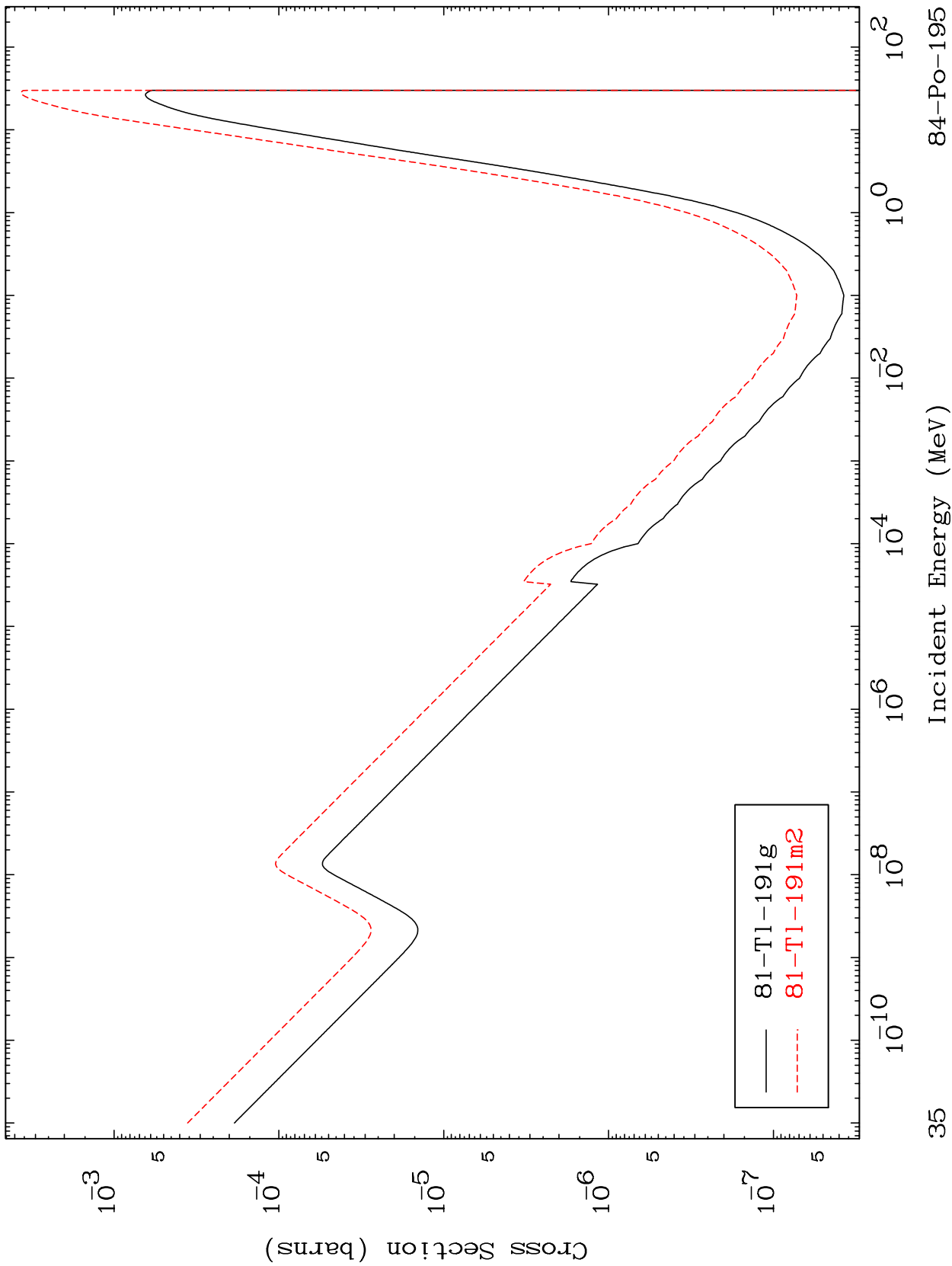
84-Po-195

MAT 8393

(n,p) α

84-Po-195

Radionuclide Production Cross Section

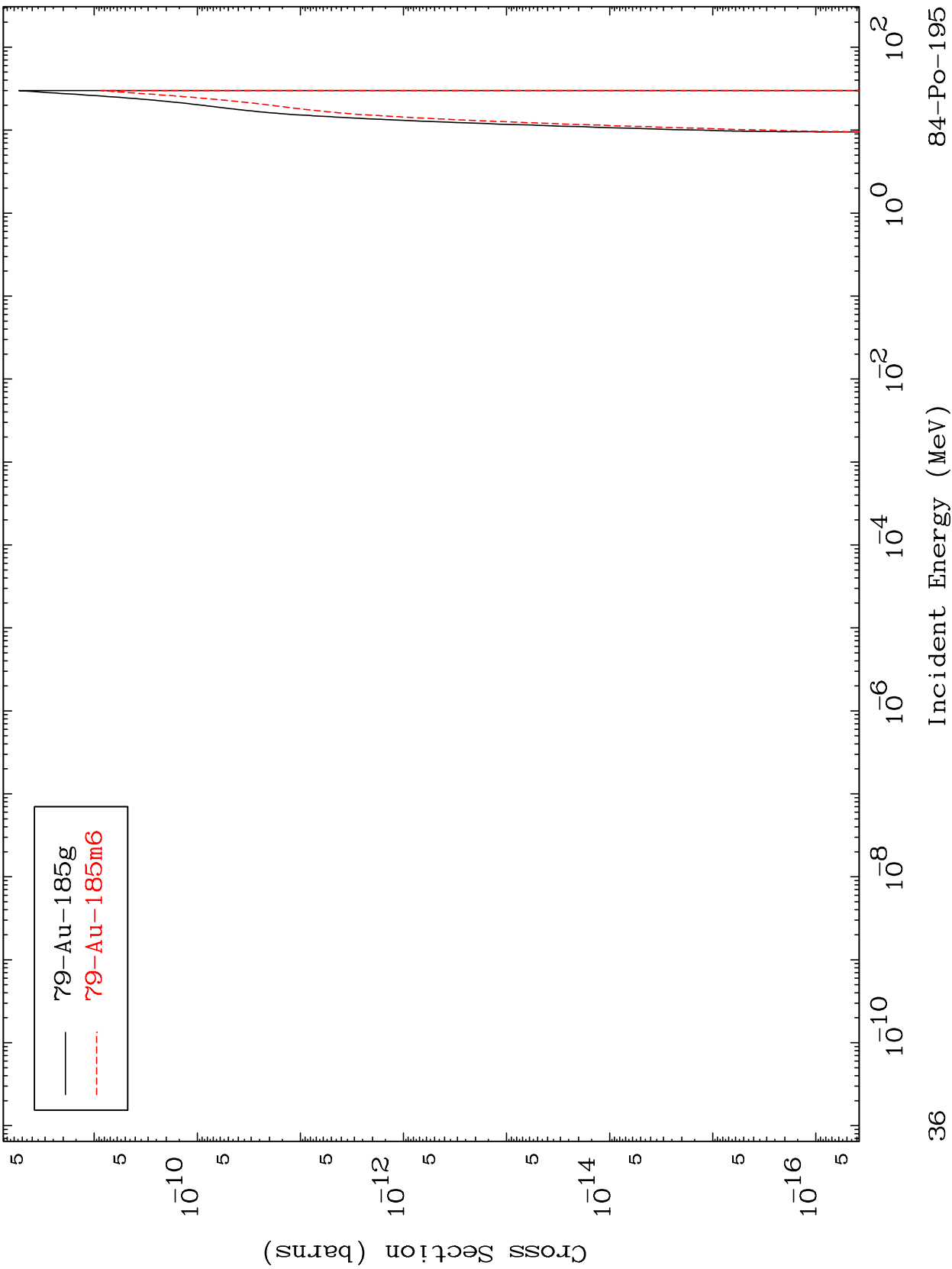


MAT 8393

(n,t) 2α

84-Po-195

Radionuclide Production Cross Section

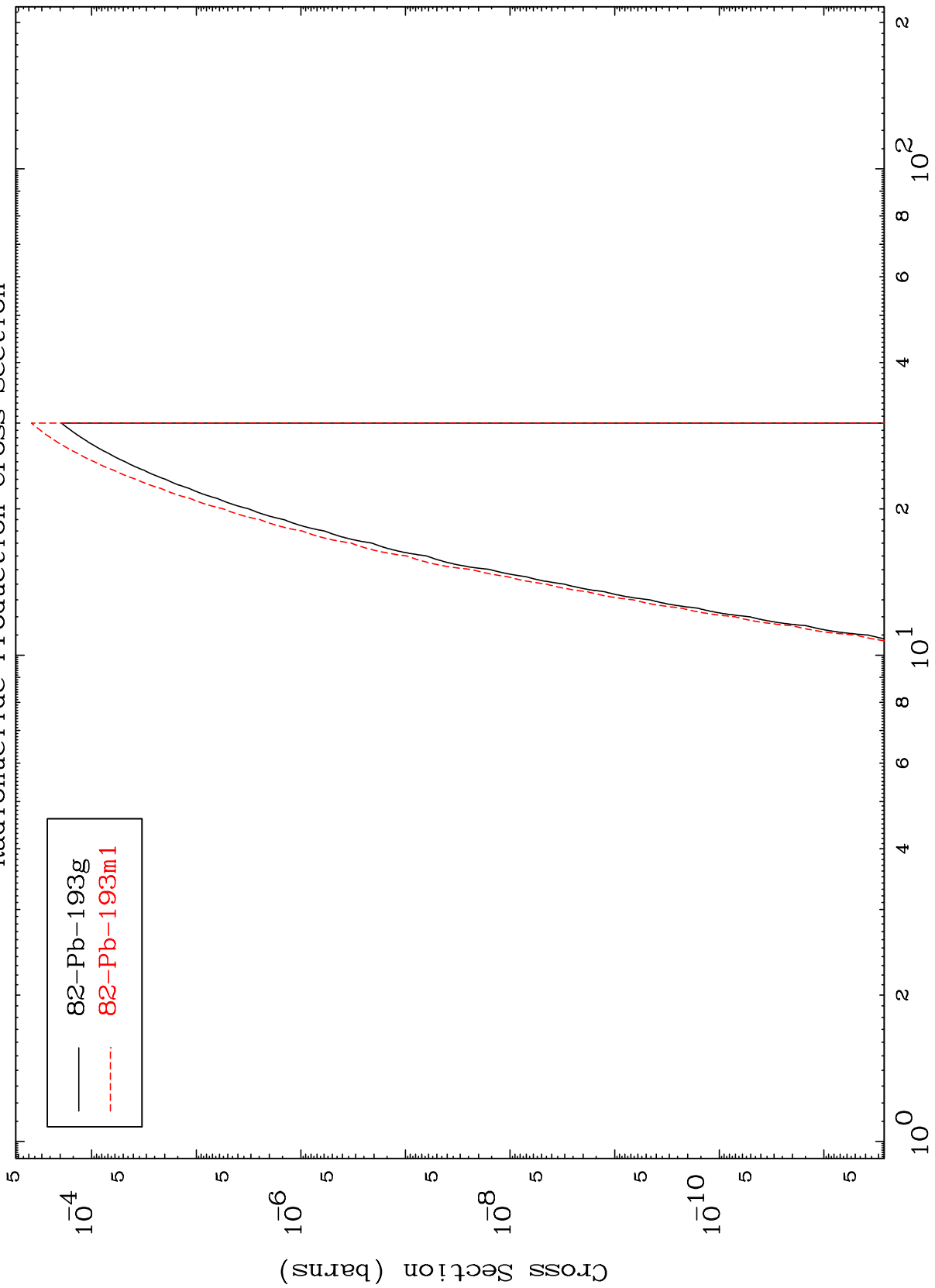


MAT 8393

(n,p) d

84-Po-195

Radionuclide Production Cross Section



— 82-Pb-193g
- - - 82-Pb-193m1

Incident Energy (MeV)

84-Po-195

37