

Program EVALPLOT  
(Version 2015-2)

by

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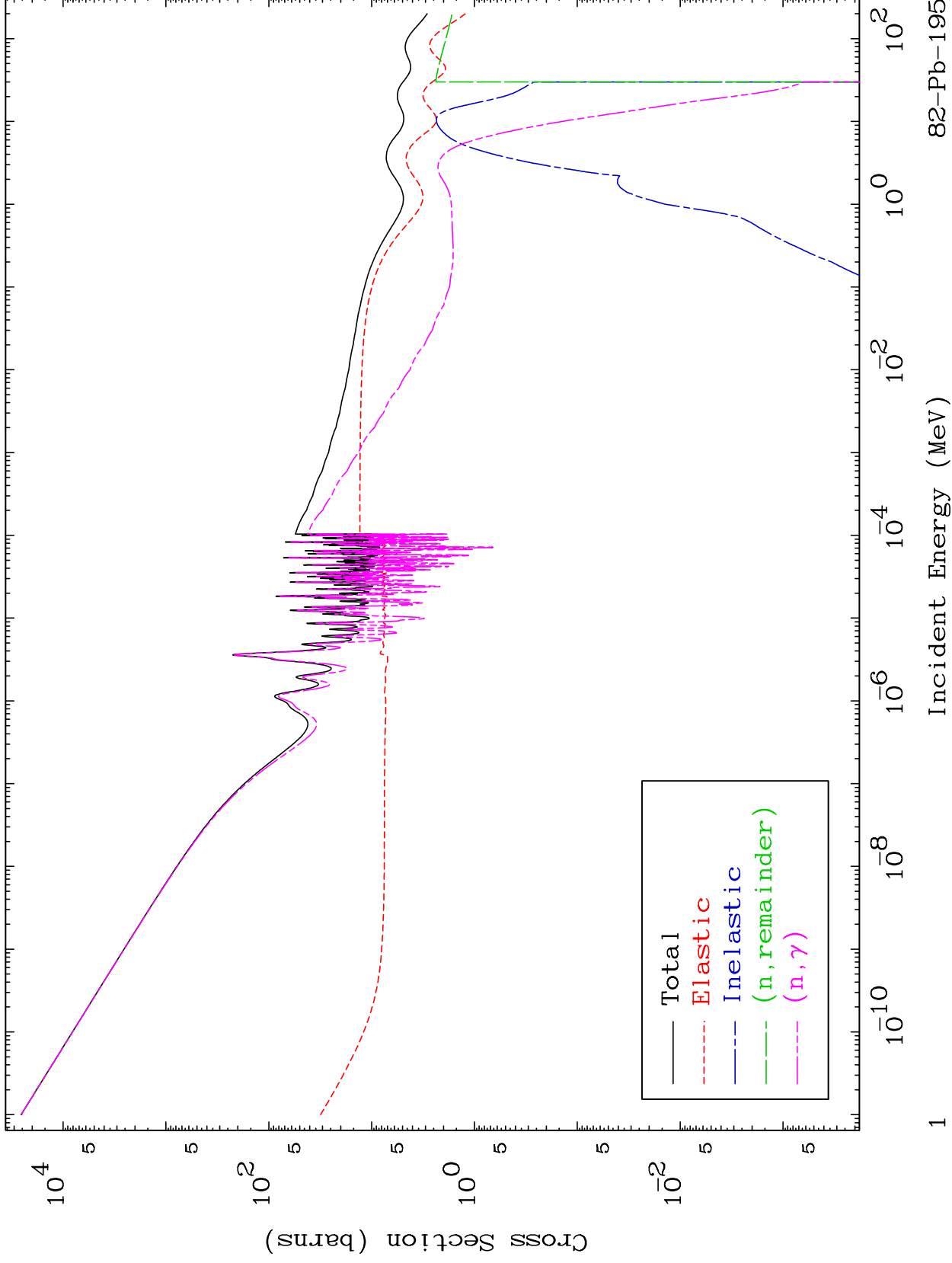
Press Mouse Button to Start

MAT 8199

Major

293 Kelvin Cross Sections

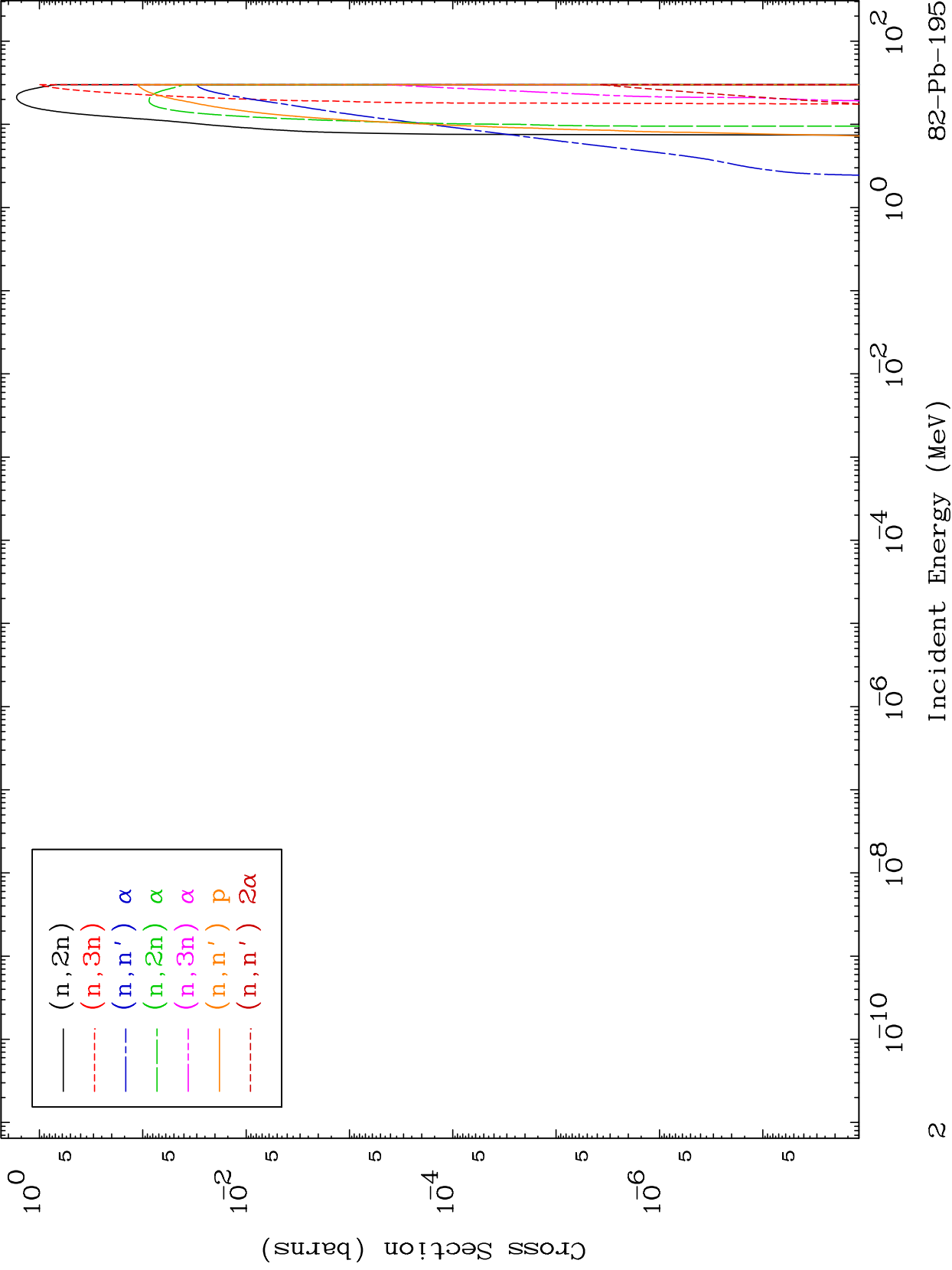
82-Pb-195



MAT 8199

Neutron Production  
293 Kelvin Cross Sections

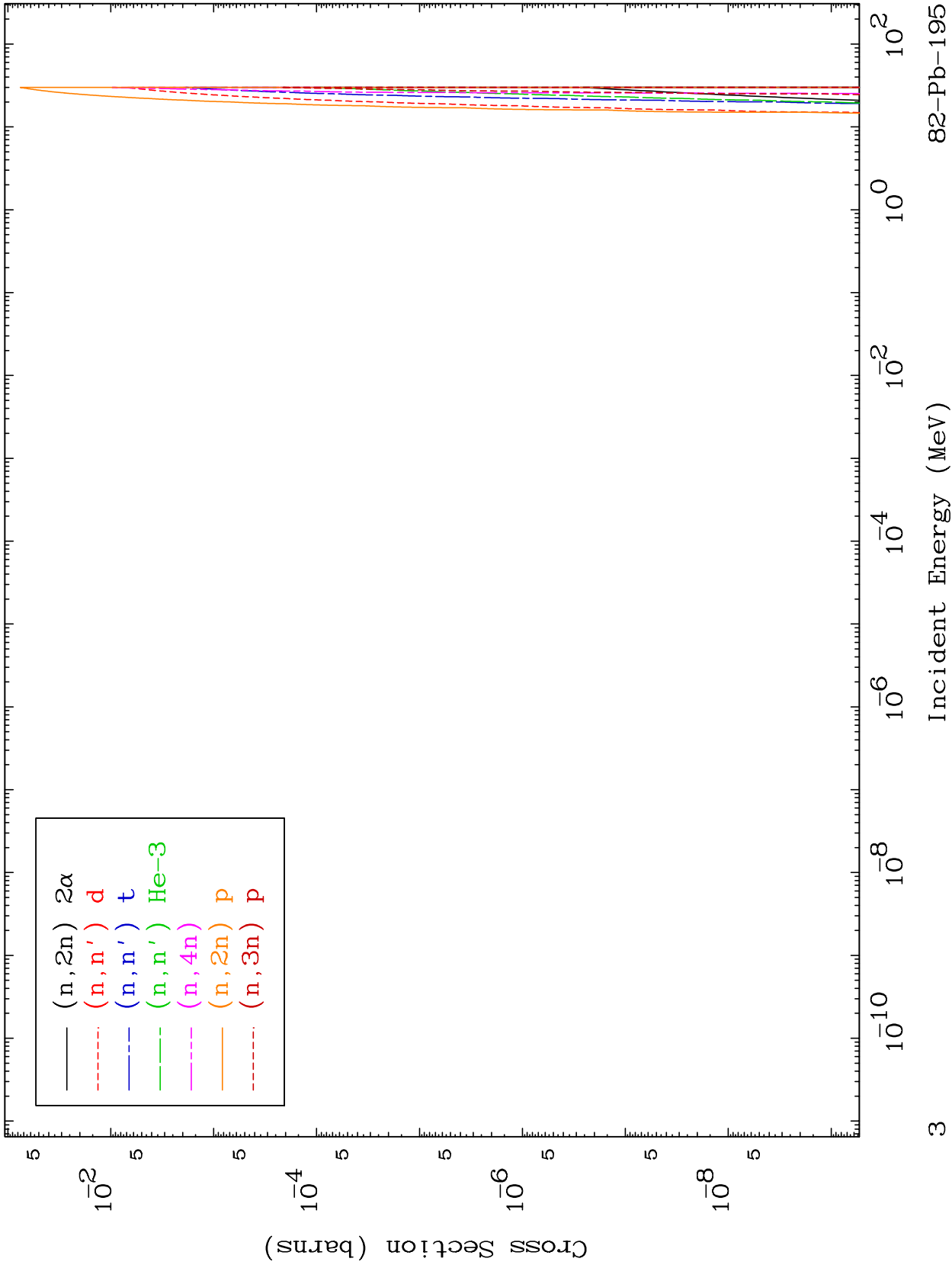
82-Pb-195



MAT 8199

Neutron Production  
293 Kelvin Cross Sections

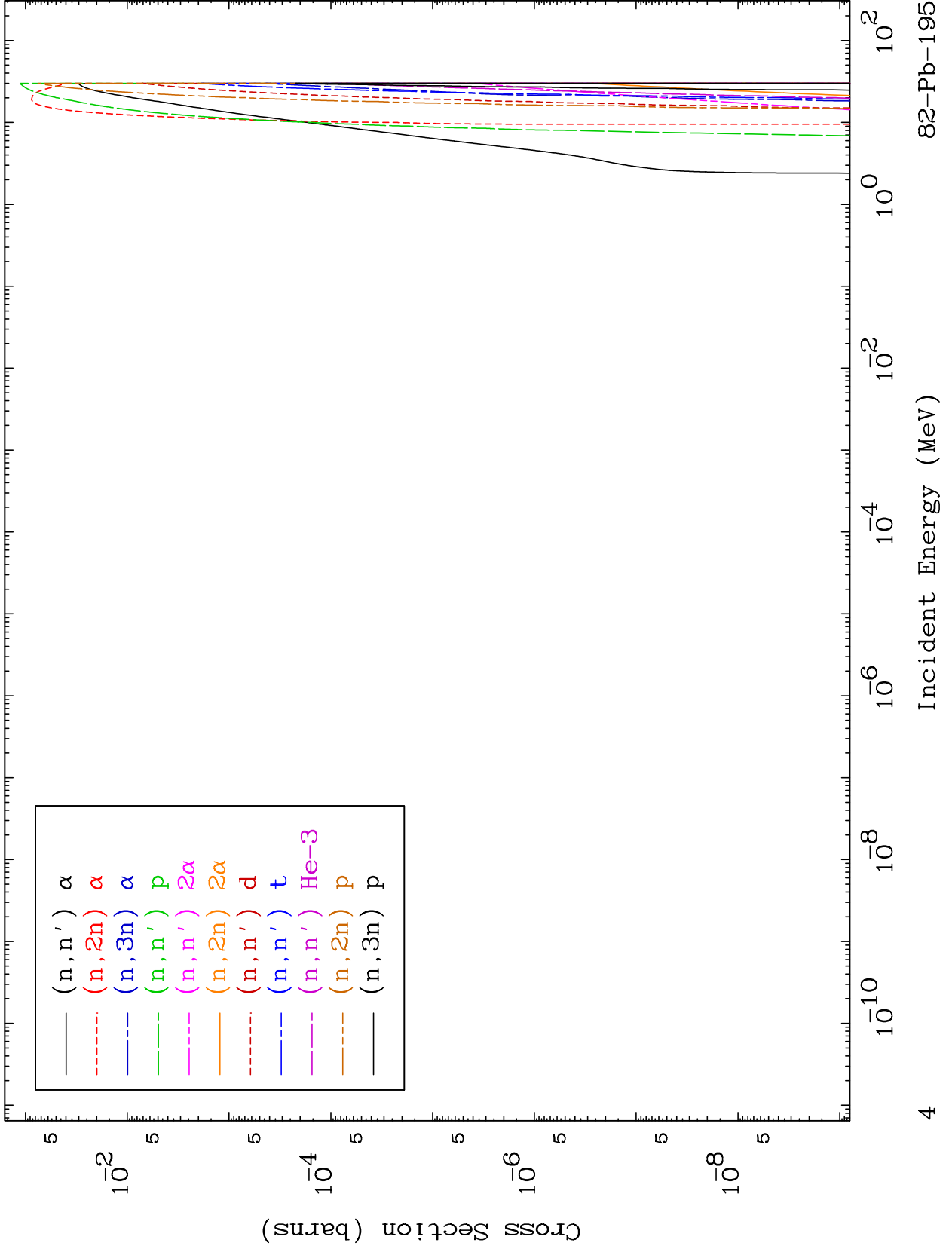
82-Pb-195



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Charged Particle  
293 Kelvin Cross Sections

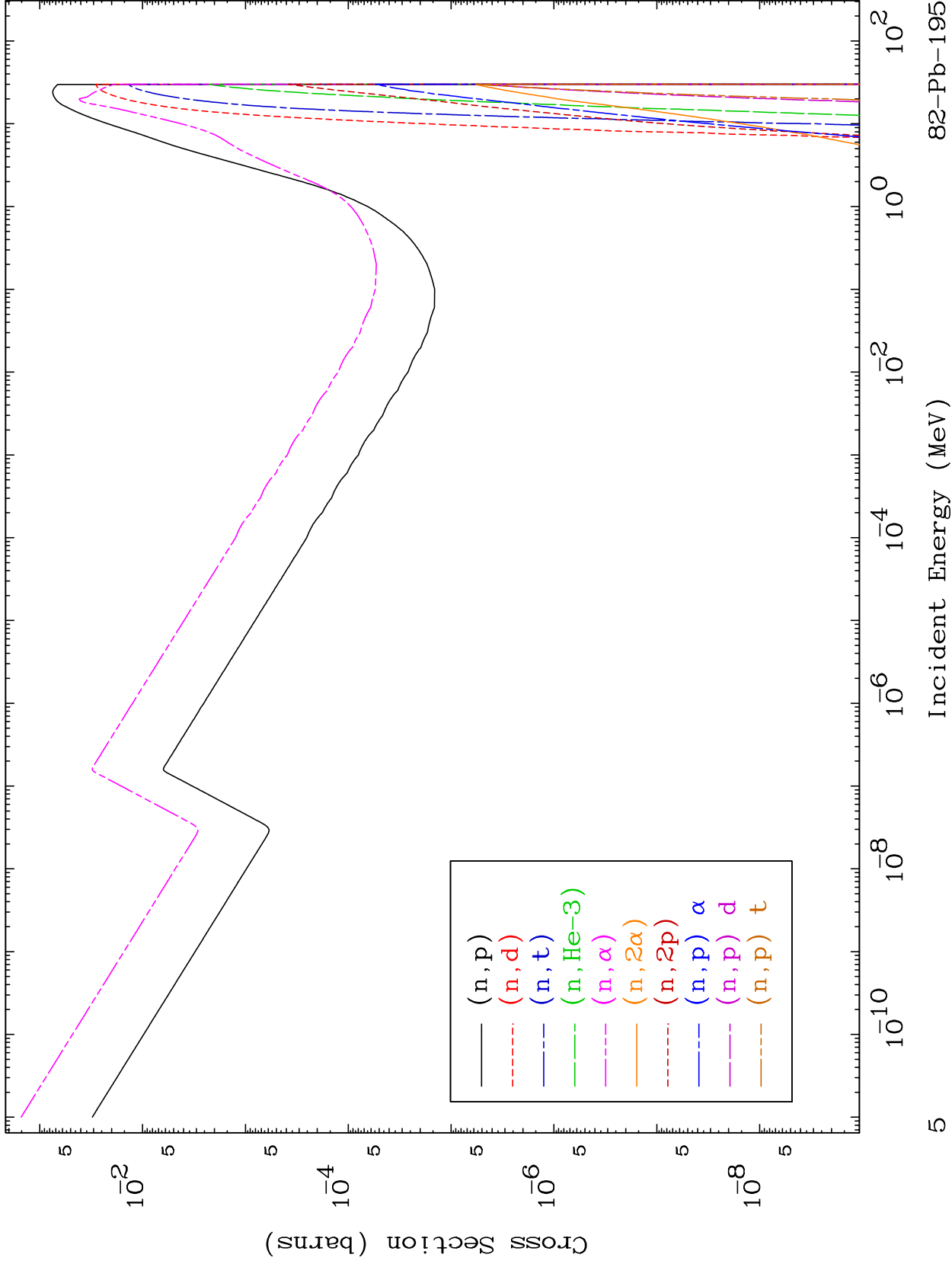
82-Pb-195

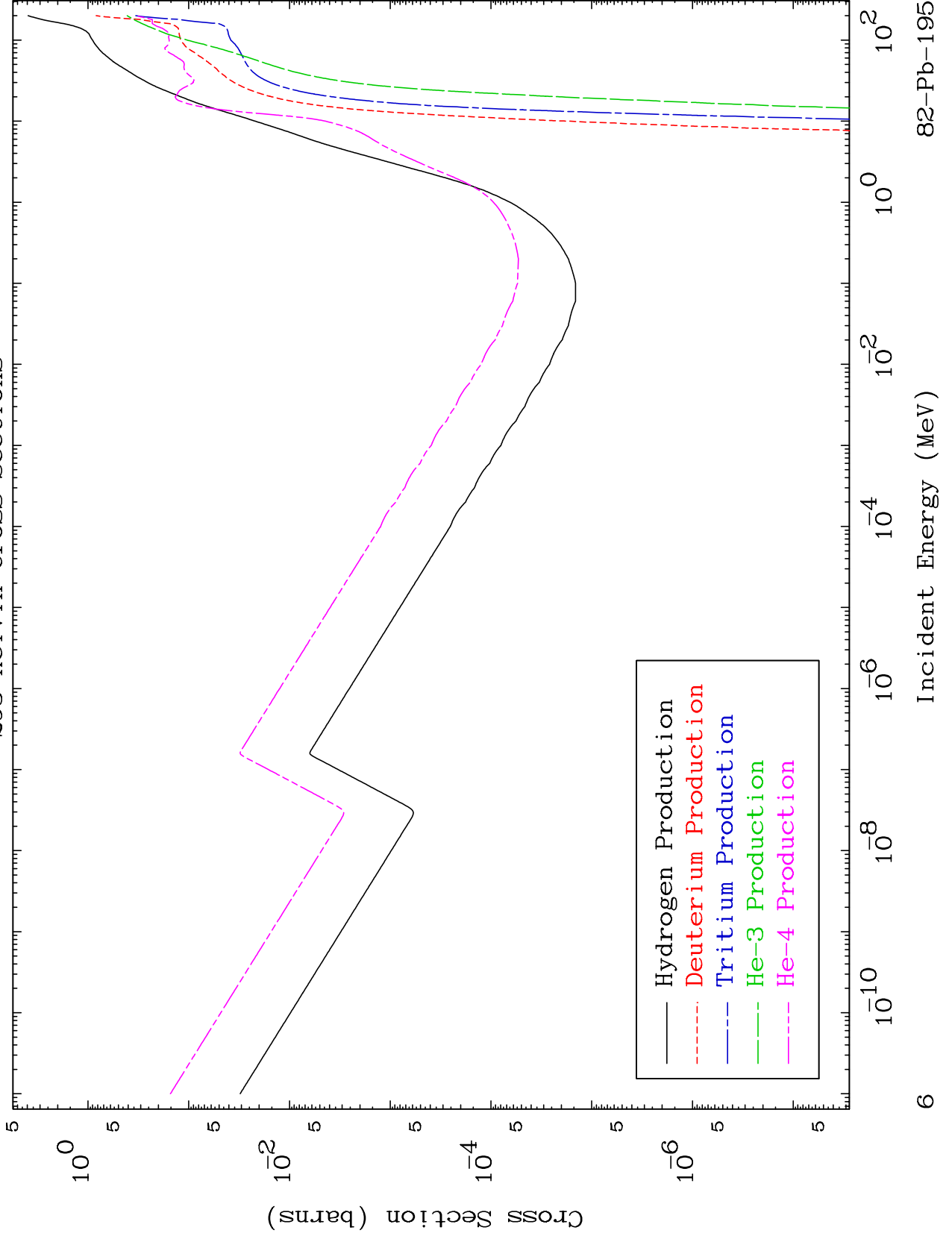


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Charged Particle  
293 Kelvin Cross Sections

82-Pb-195

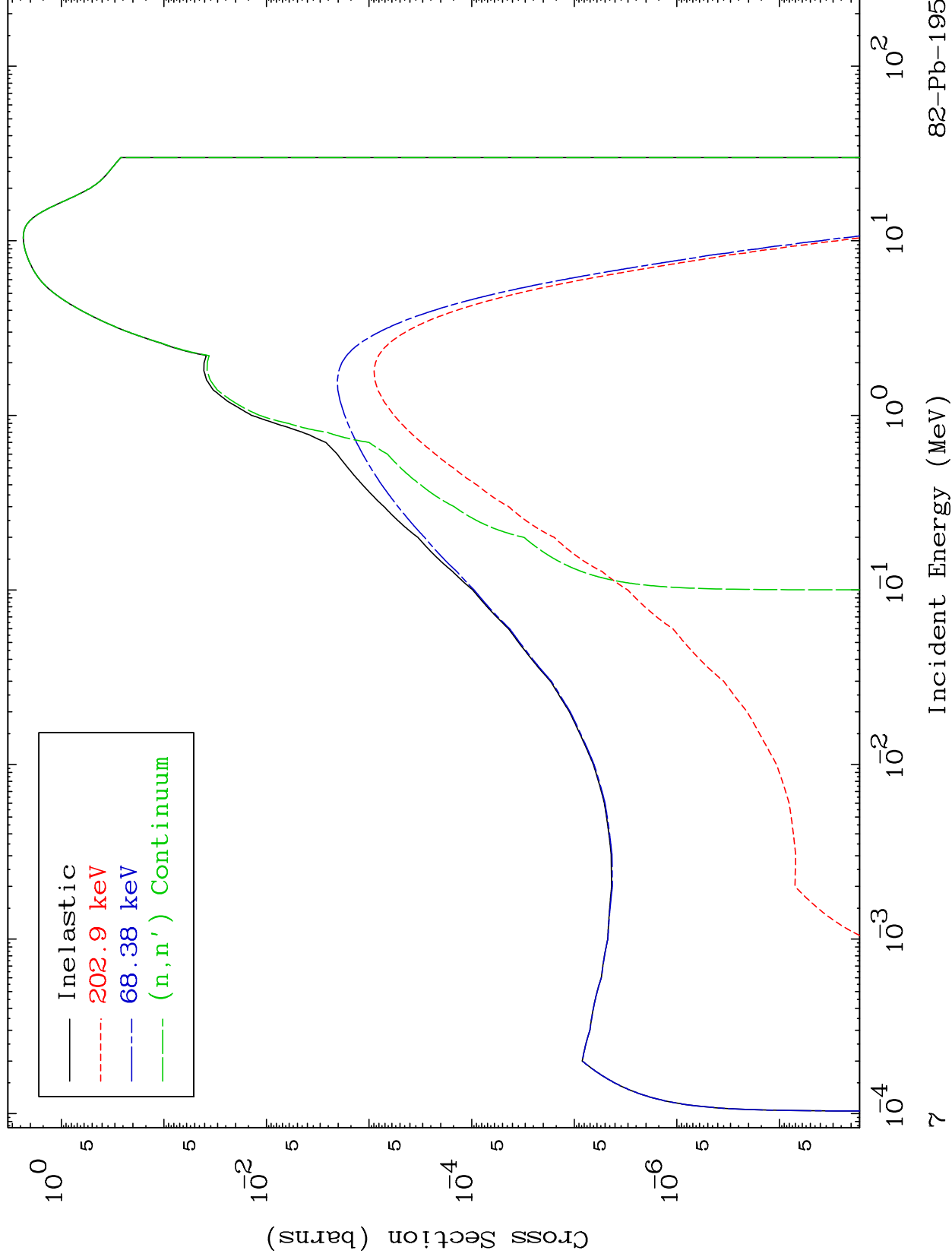




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293 Kelvin Cross Sections  
(n,n') Level

82-Pb-195

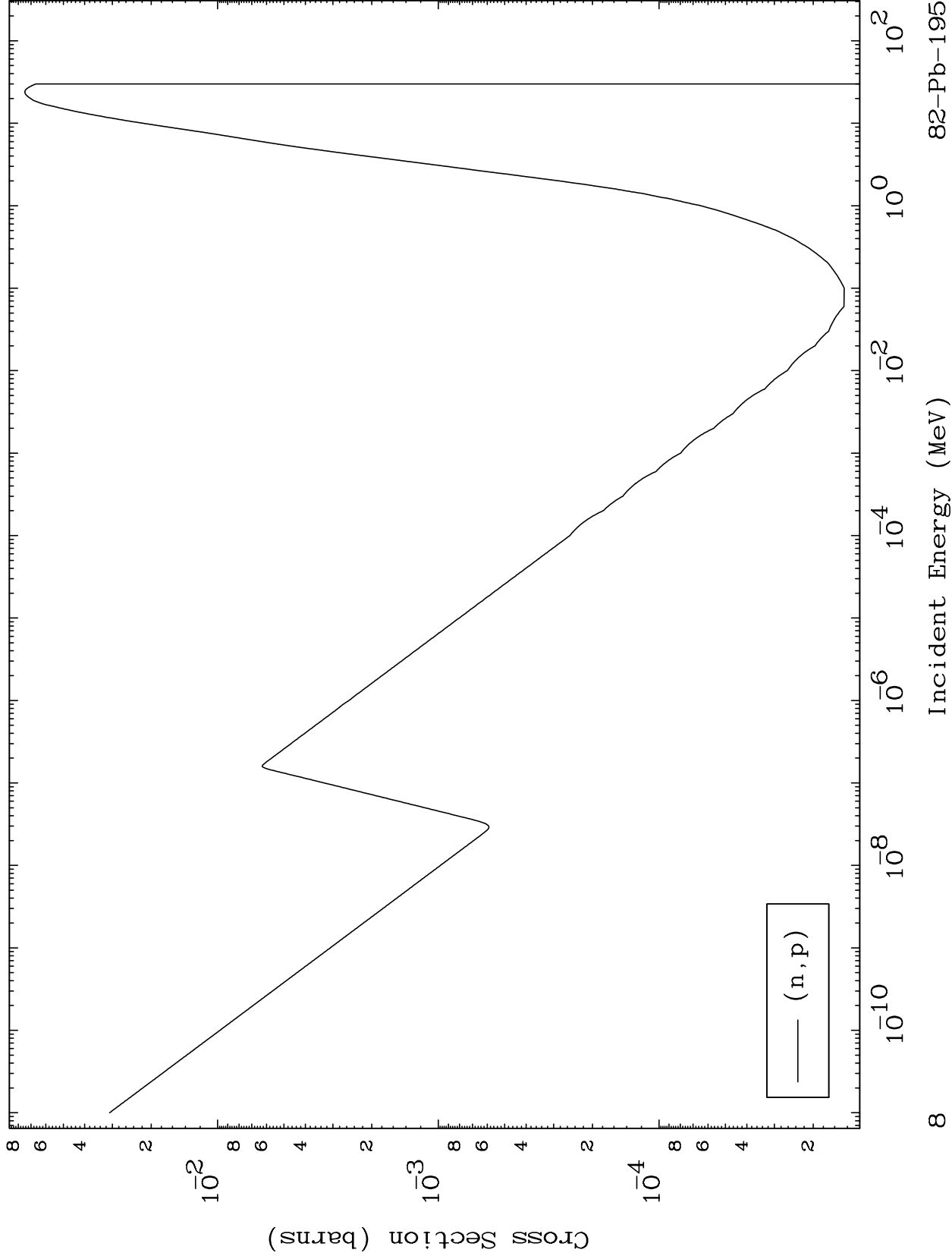




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(n,p) Levels  
293 Kelvin Cross Sections

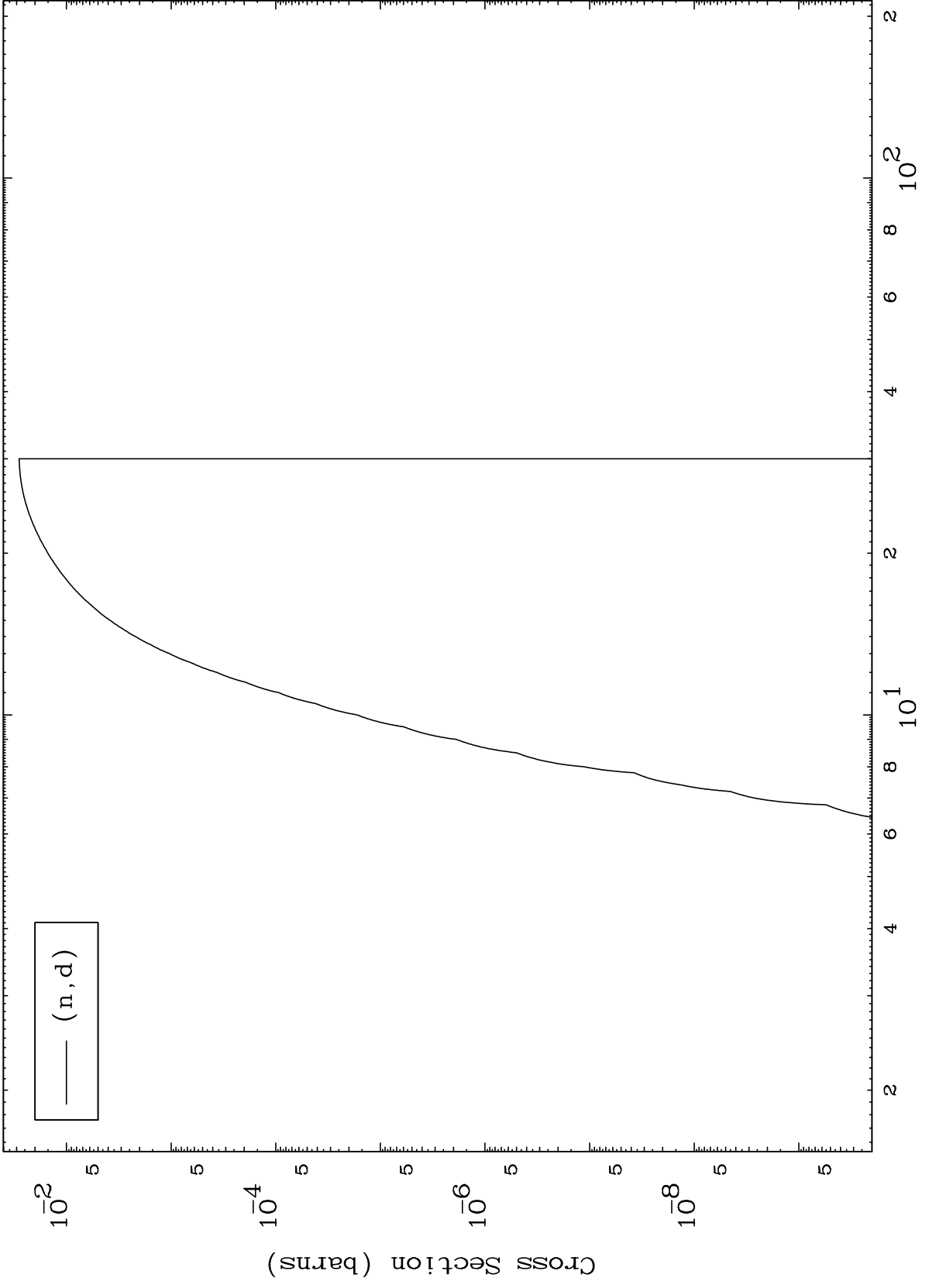
82-Pb-195



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(n,d) Levels  
293 Kelvin Cross Sections

82-Pb-195



9

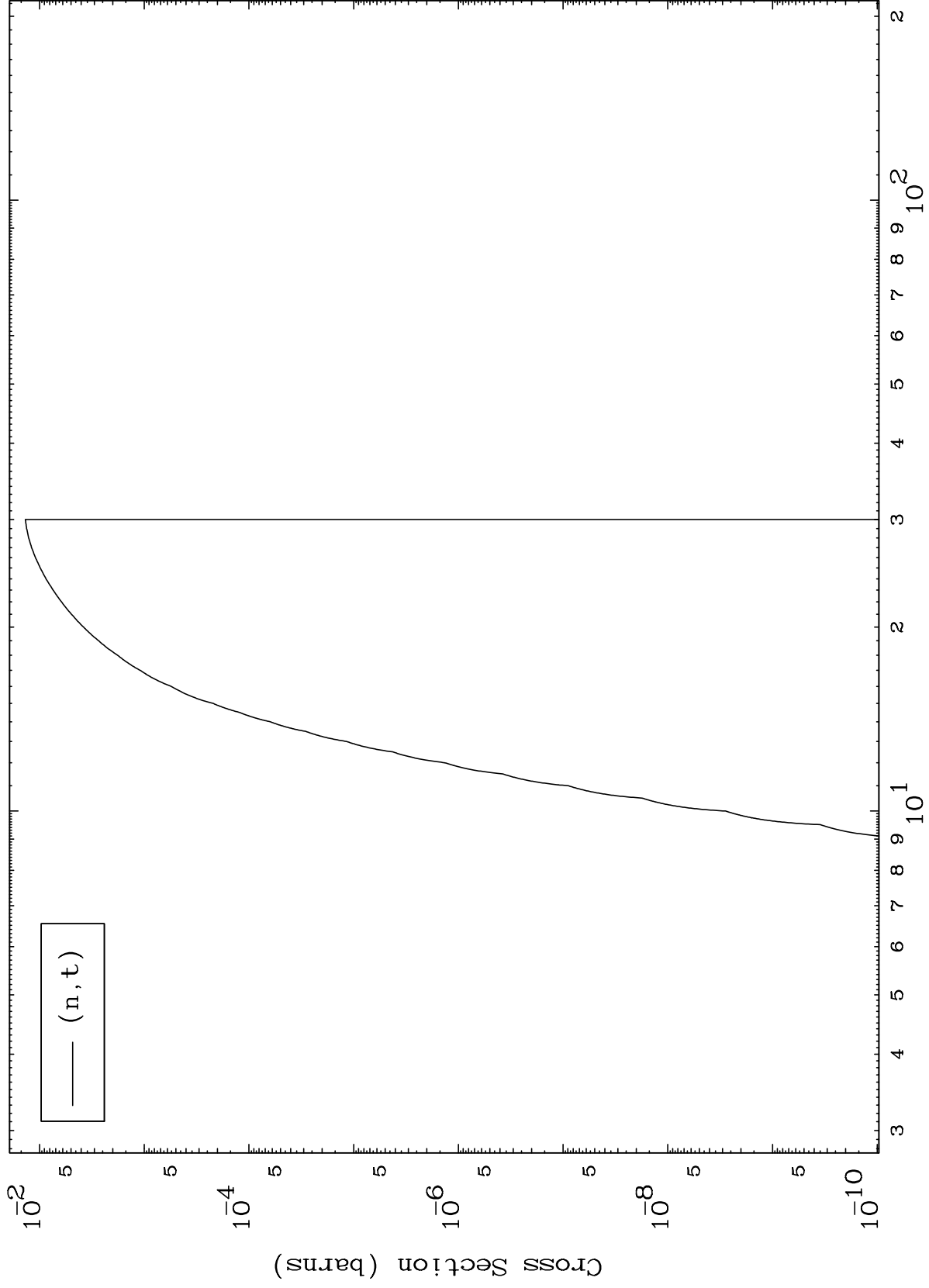
Incident Energy (MeV)

82-Pb-195

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(n,t) Levels  
293 Kelvin Cross Sections

82-Pb-195



10

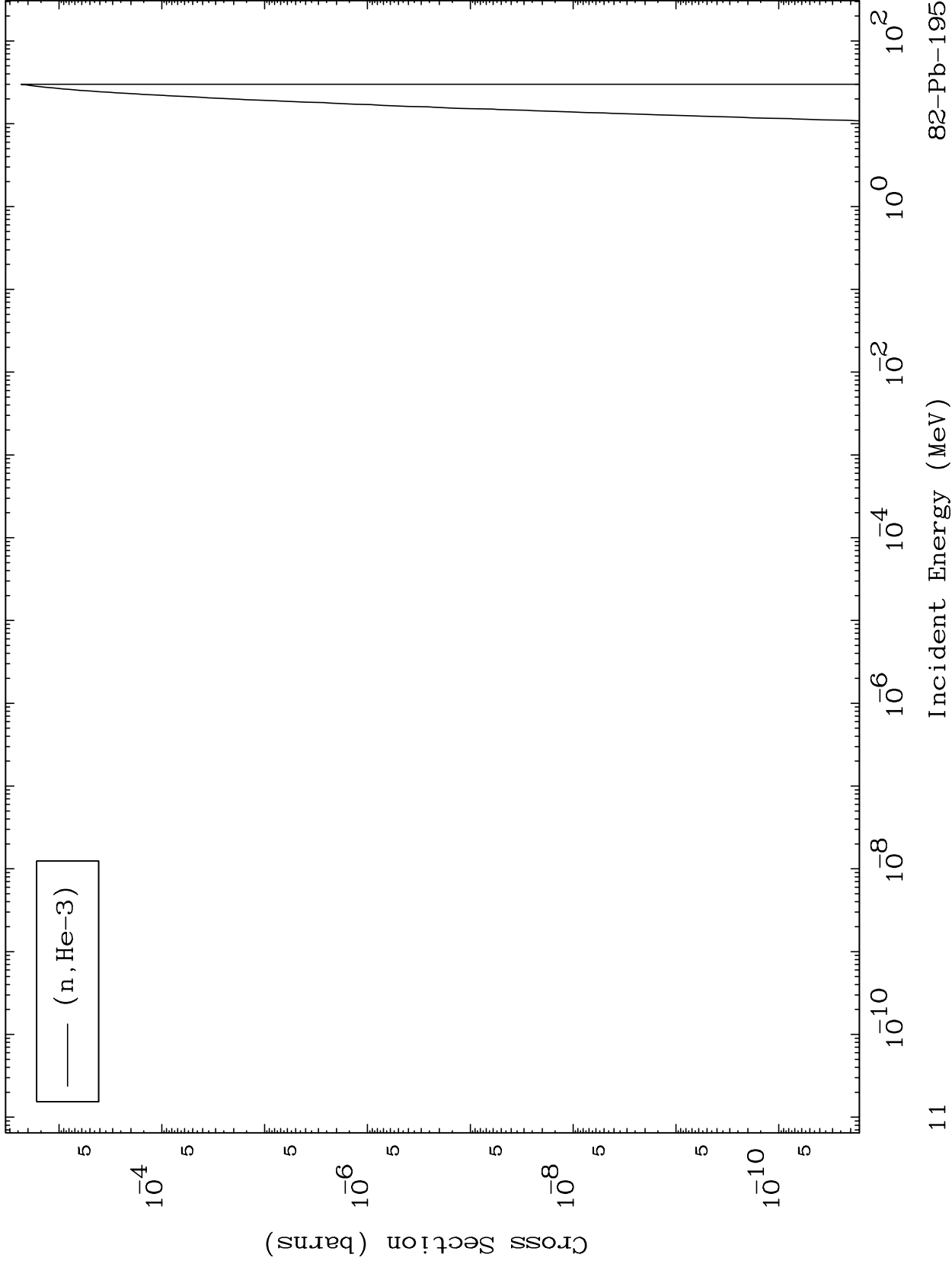
Incident Energy (MeV)

82-Pb-195

MAT 8199

(n,He3) Levels  
293 Kelvin Cross Sections

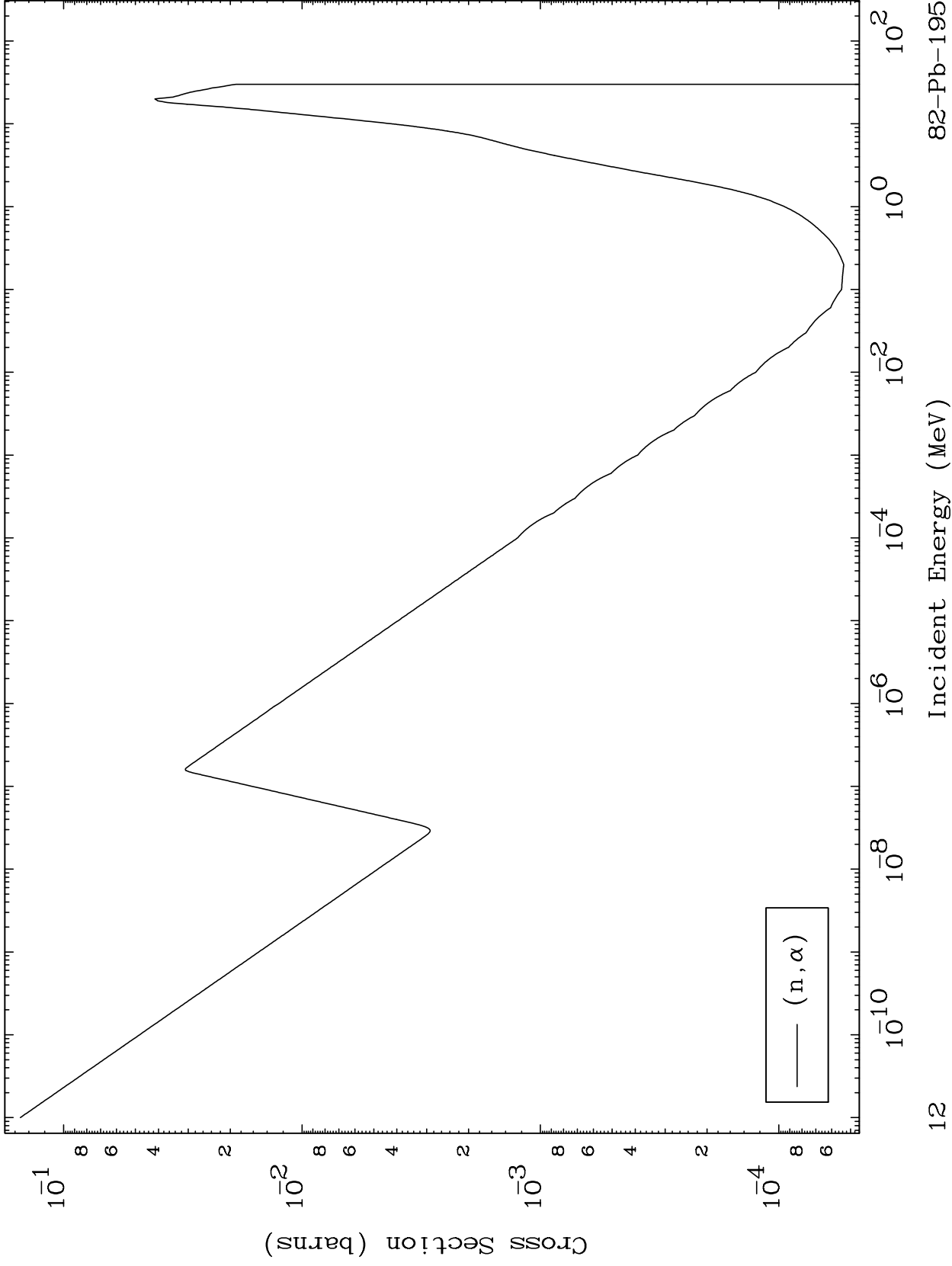
82-Pb-195

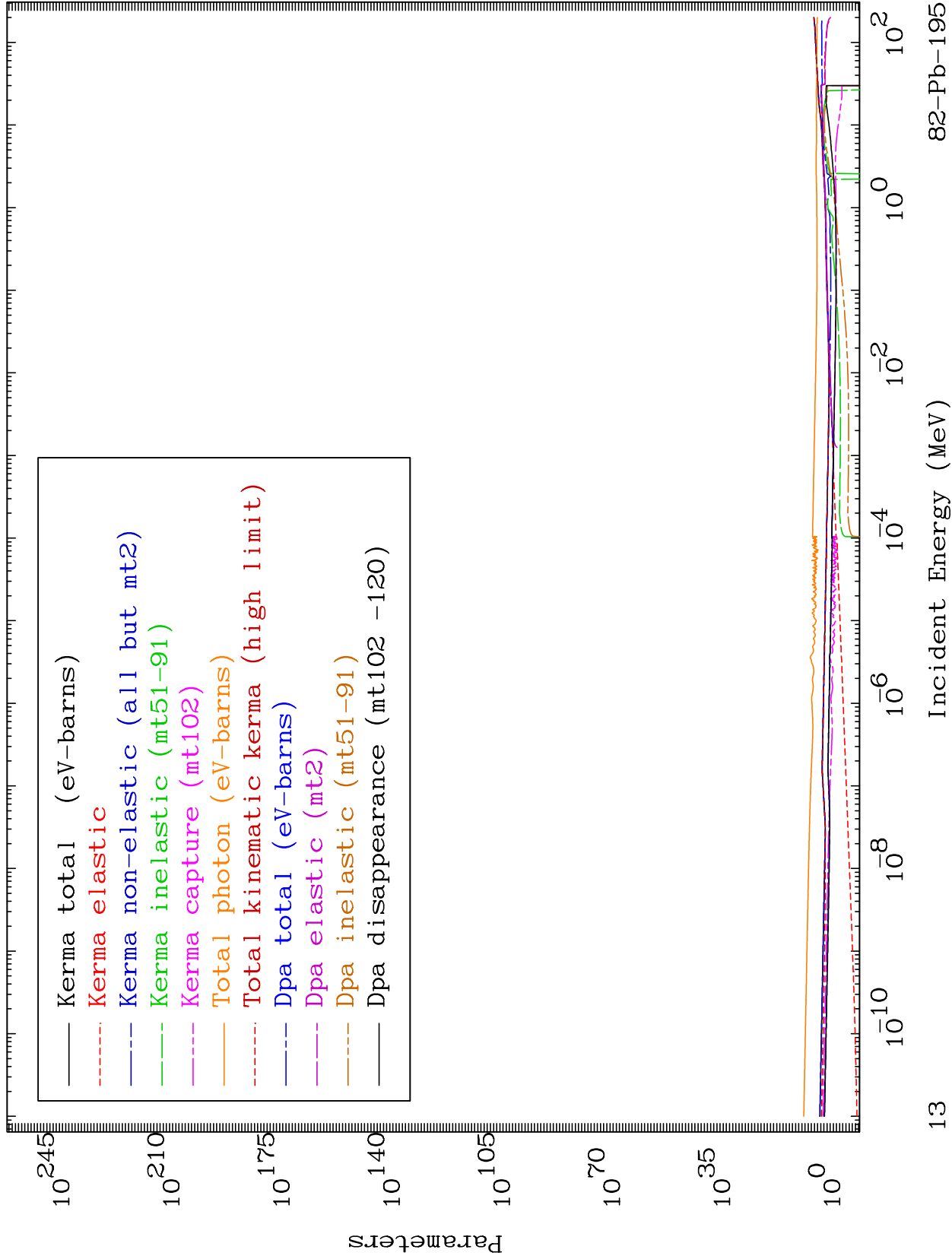


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(n,α) Levels  
293 Kelvin Cross Sections

82-Pb-195



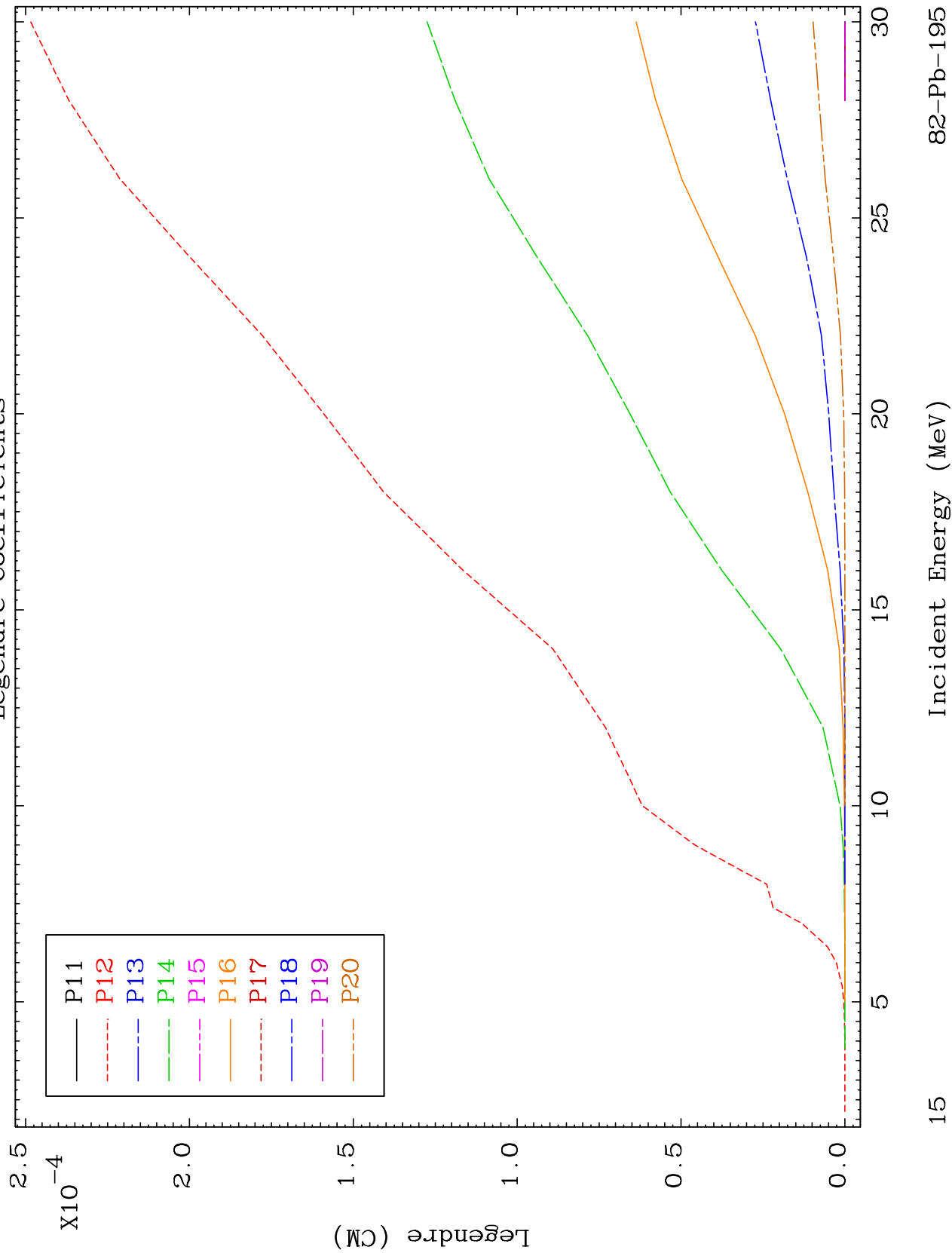




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Elastic  
Legendre Coefficients

82-Pb-195



15

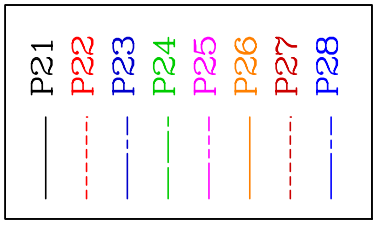
82-Pb-195



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Elastic Legendre Coefficients

82-Pb-195



$\times 10^{-6}$

1.5

Legendre (CM)

1.0

0.5

0.0

15

20

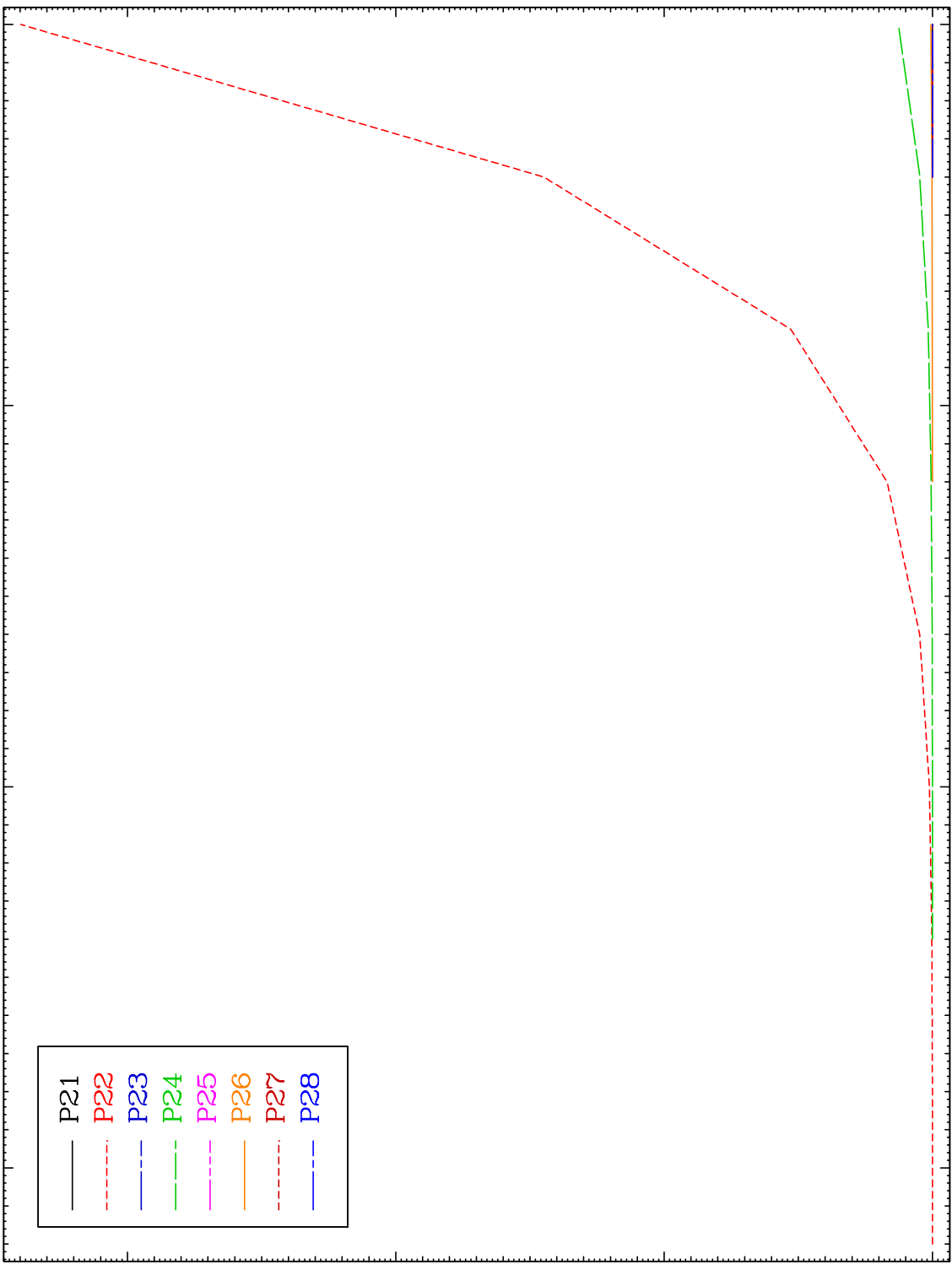
25

30

16

Incident Energy (MeV)

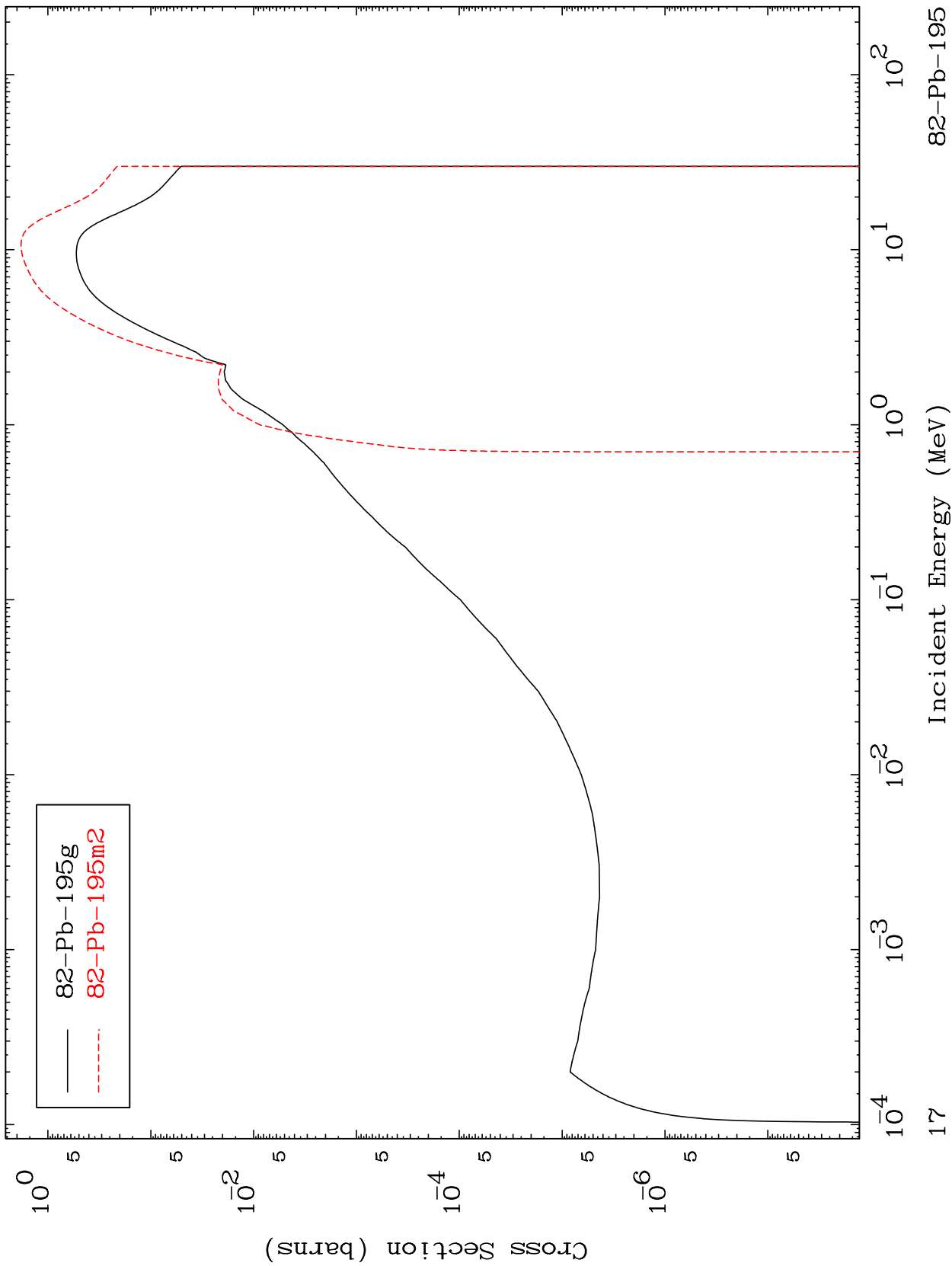
82-Pb-195



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82-Pb-195

Inelastic  
Radionuclide Production Cross Section

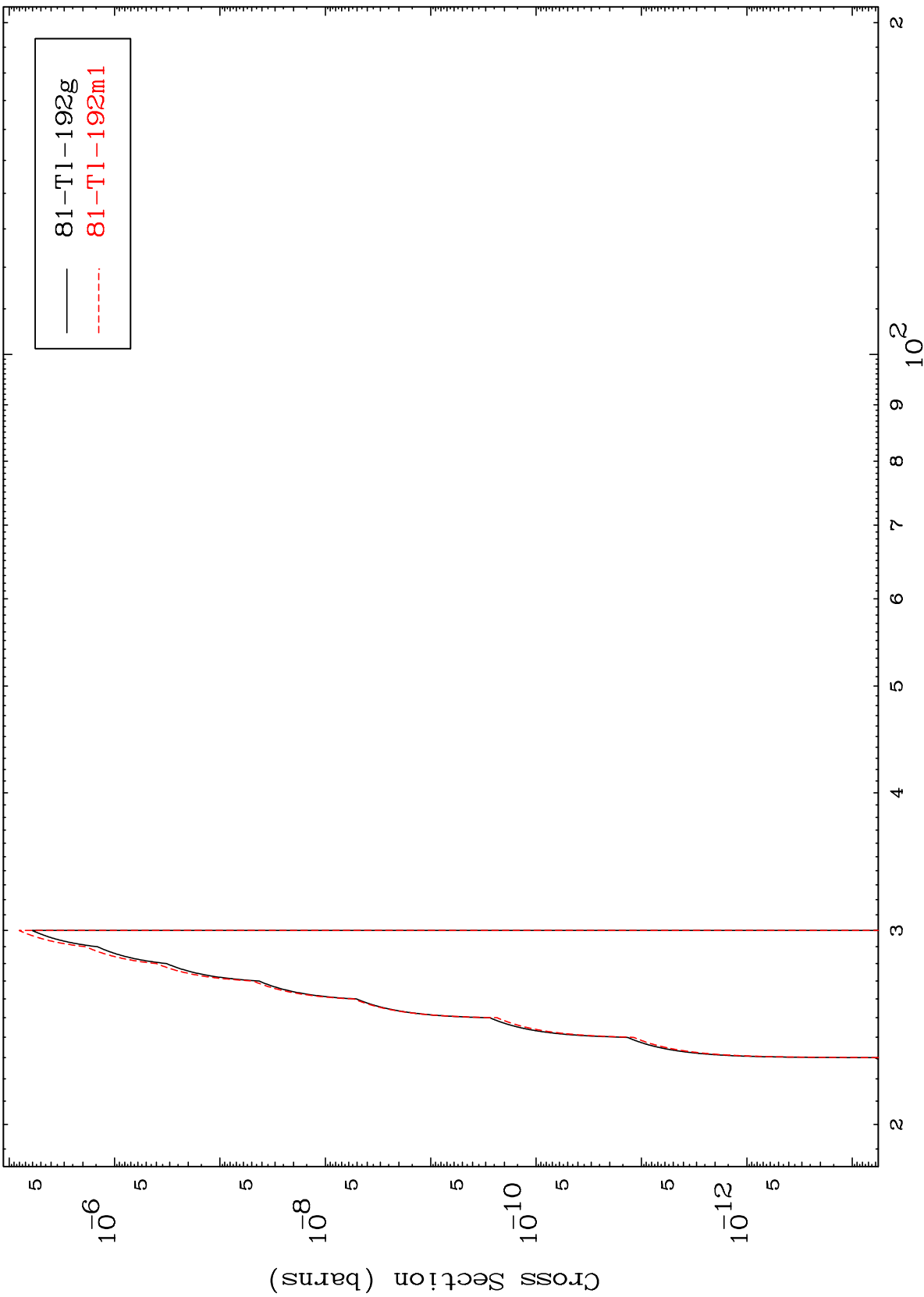


82-Pb-195

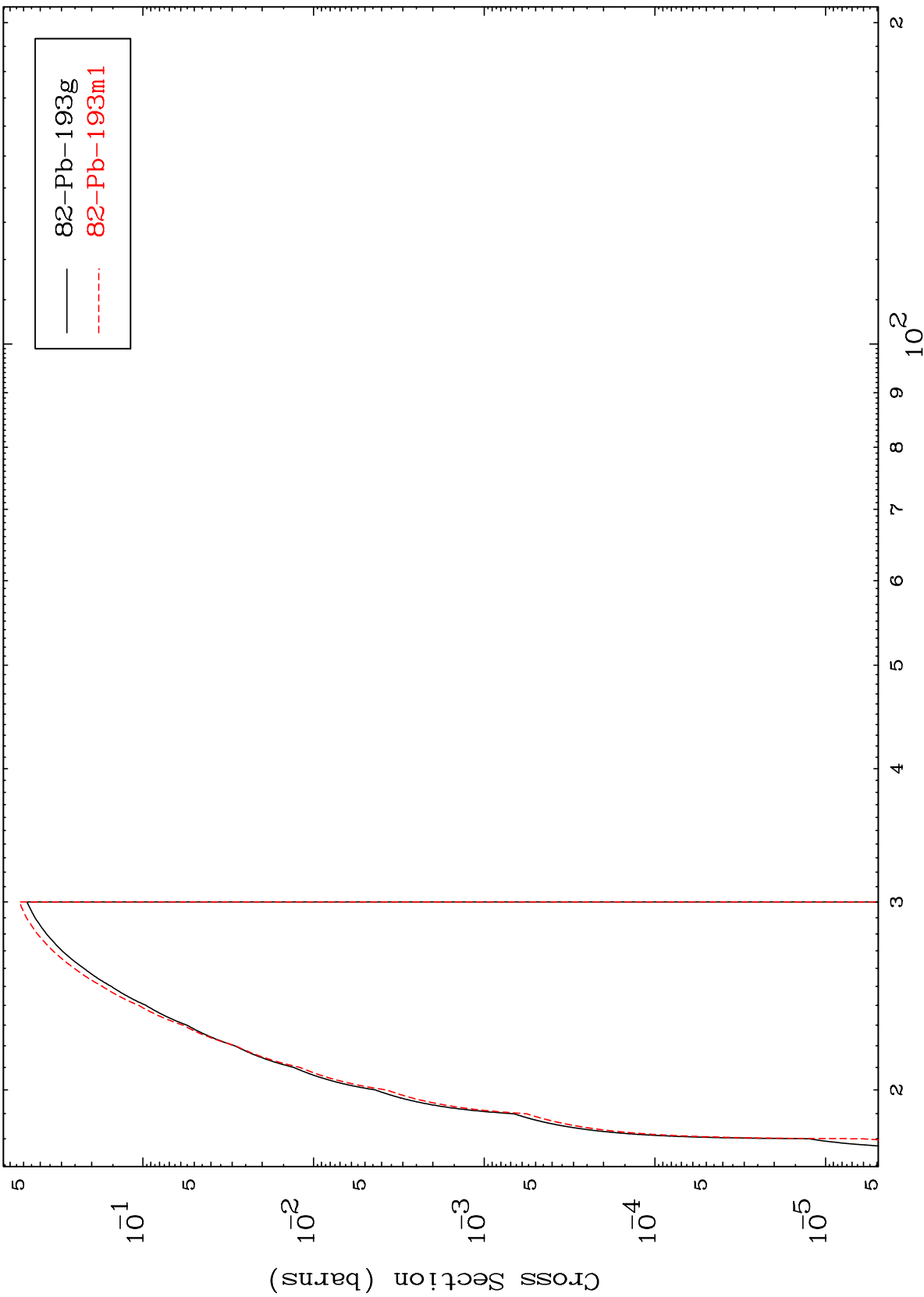
Incident Energy (MeV)

17

Radionuclide Production Cross Section



(n,3n)  
Radionuclide Production Cross Section

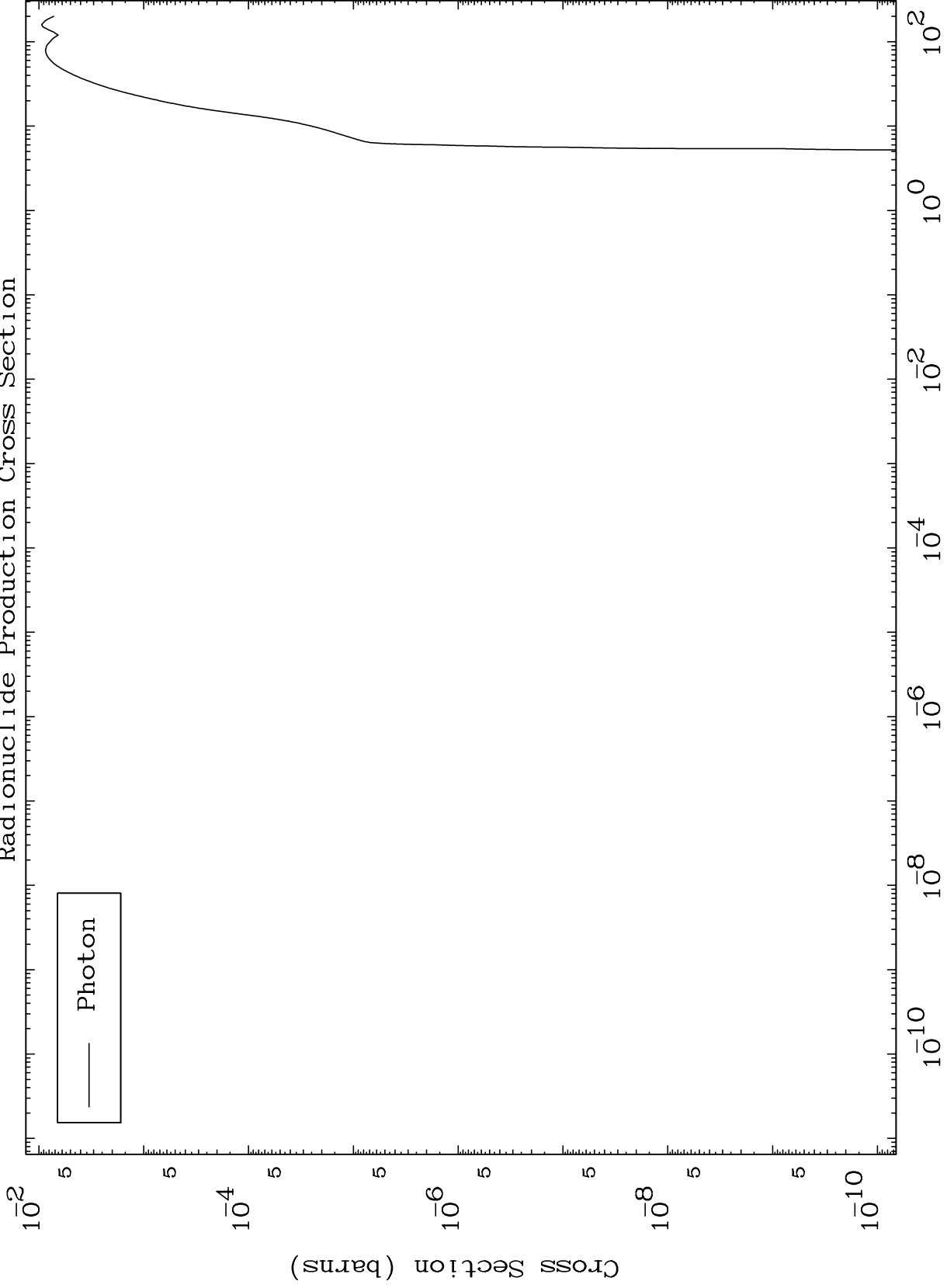


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Fission

82-Pb-195

Radionuclide Production Cross Section



20

Incident Energy (MeV)

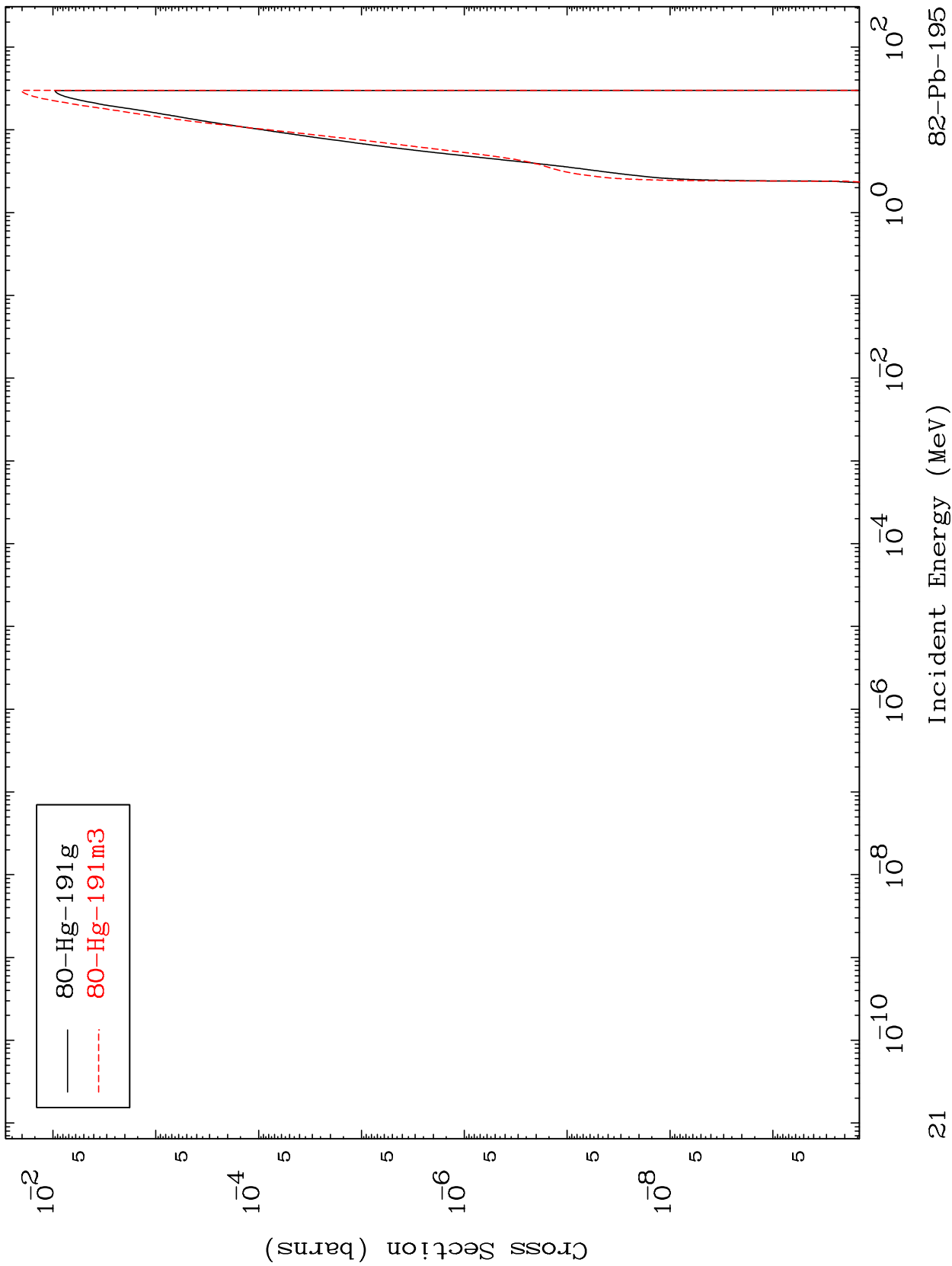
82-Pb-195

MAT 8199

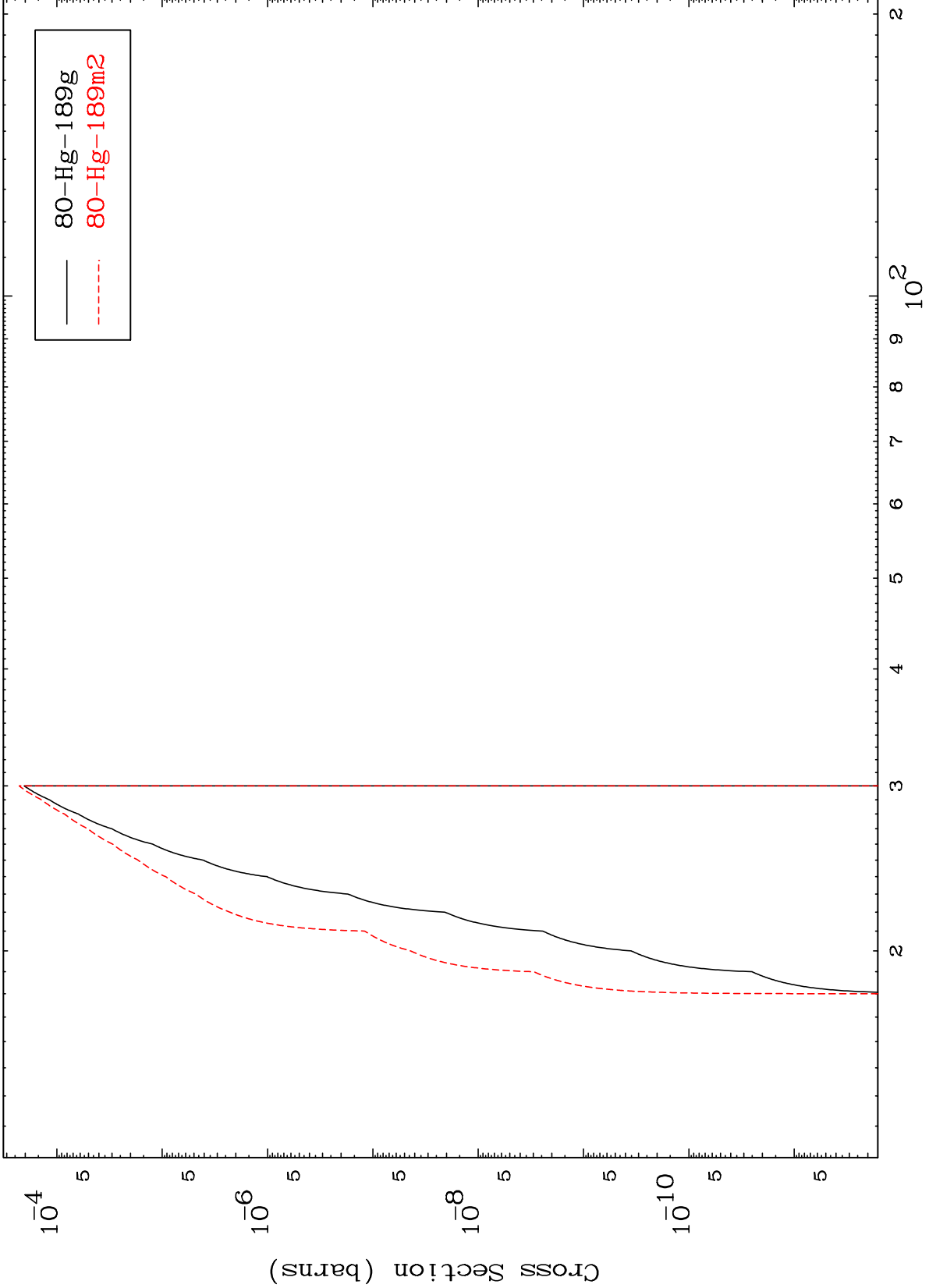
$(n, n')$   $\alpha$

82-Pb-195

Radionuclide Production Cross Section



Radionuclide Production Cross Section

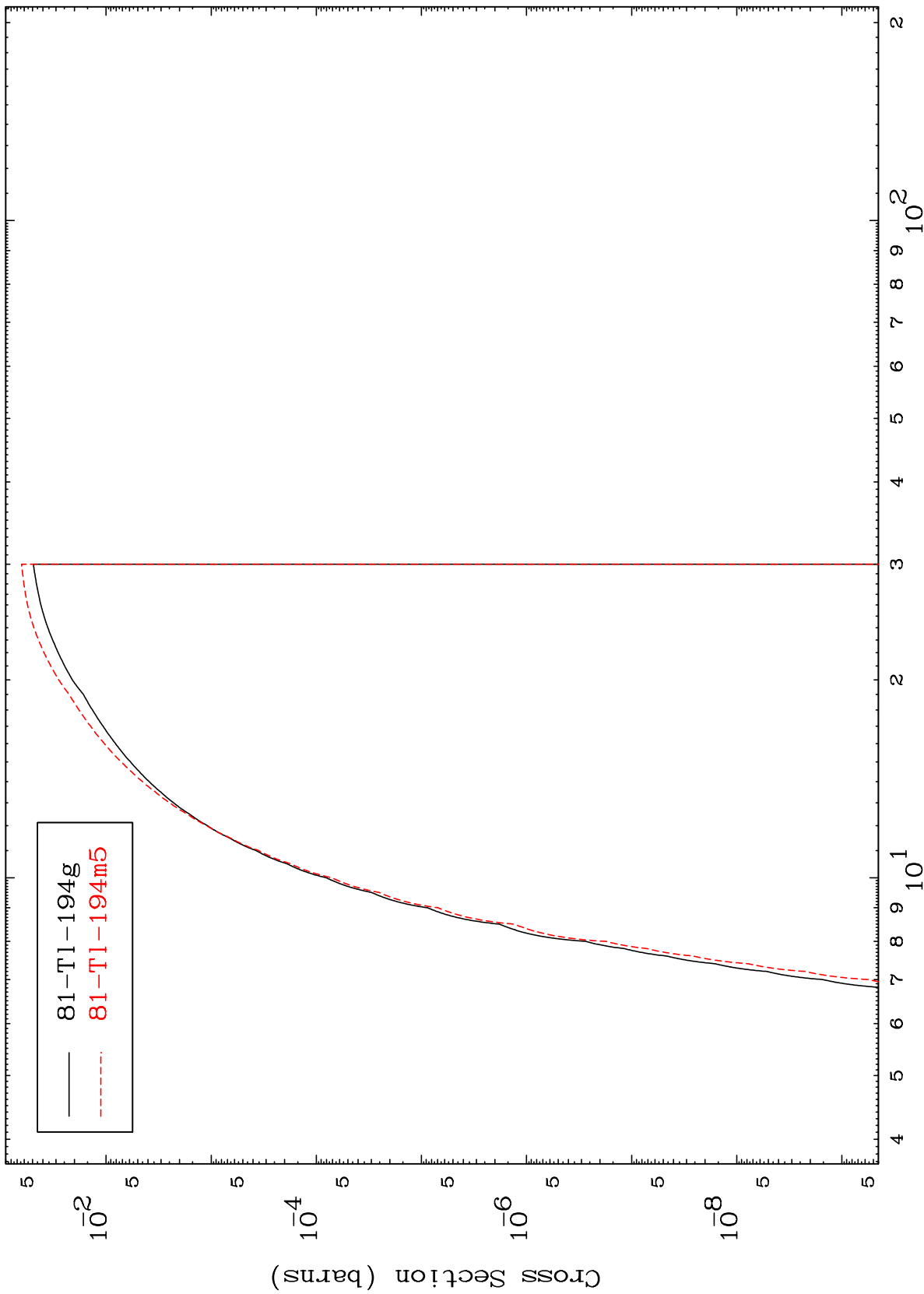


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(n,n') p

82-Pb-195

Radionuclide Production Cross Section



23

Incident Energy (MeV)

82-Pb-195

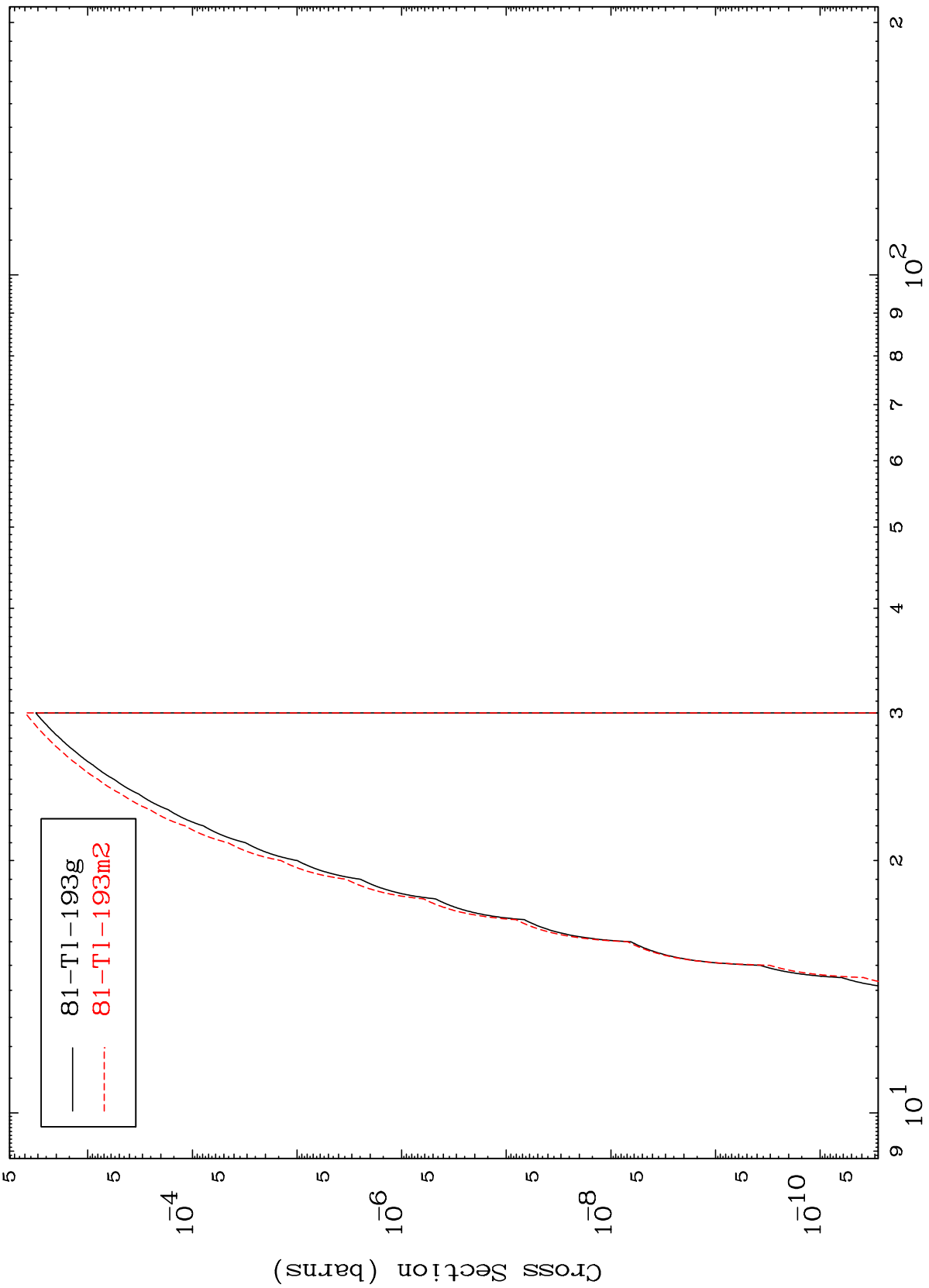


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(n,n') d

82-Pb-195

Radionuclide Production Cross Section



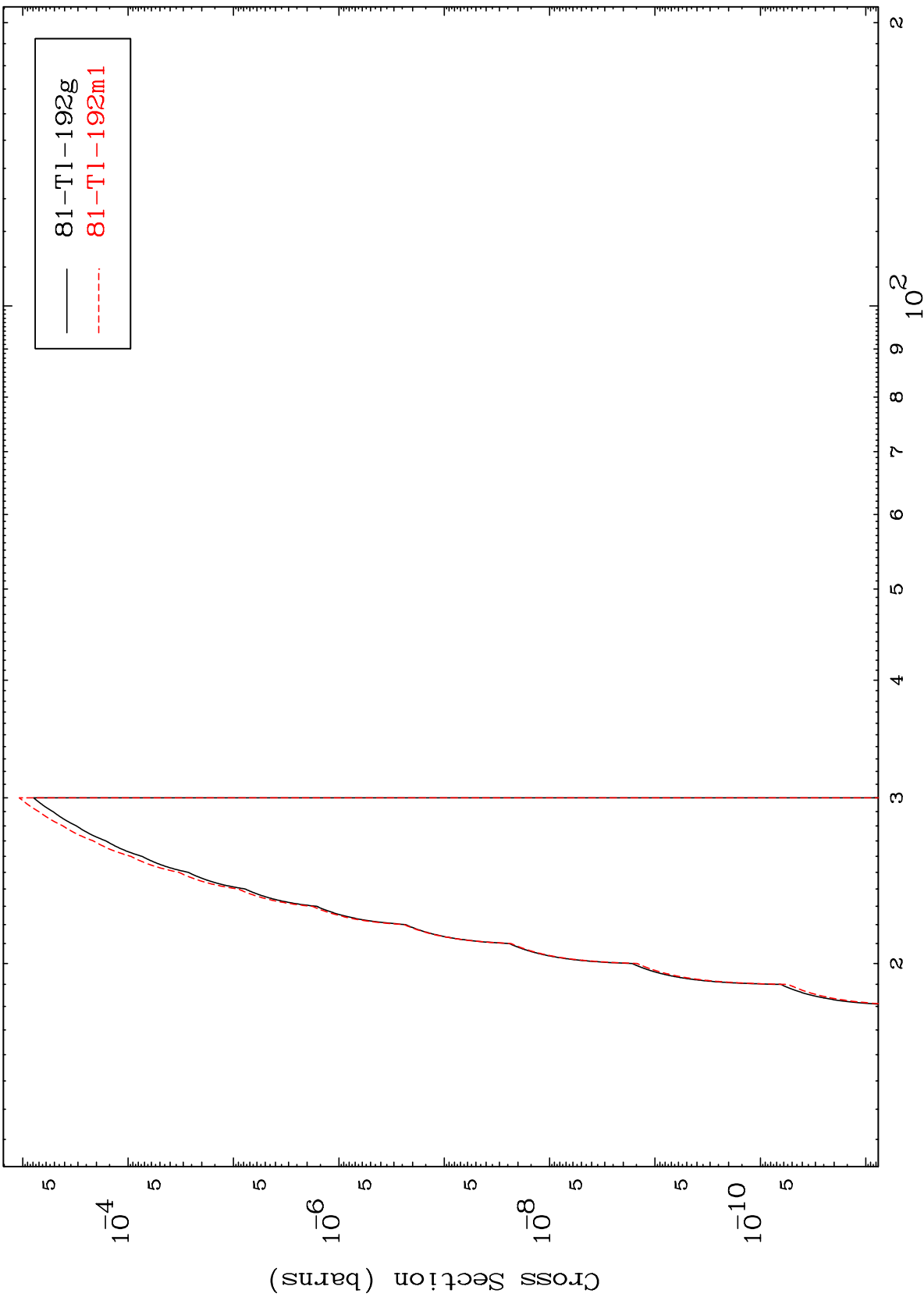
81-Tl-193g  
81-Tl-193m2

24

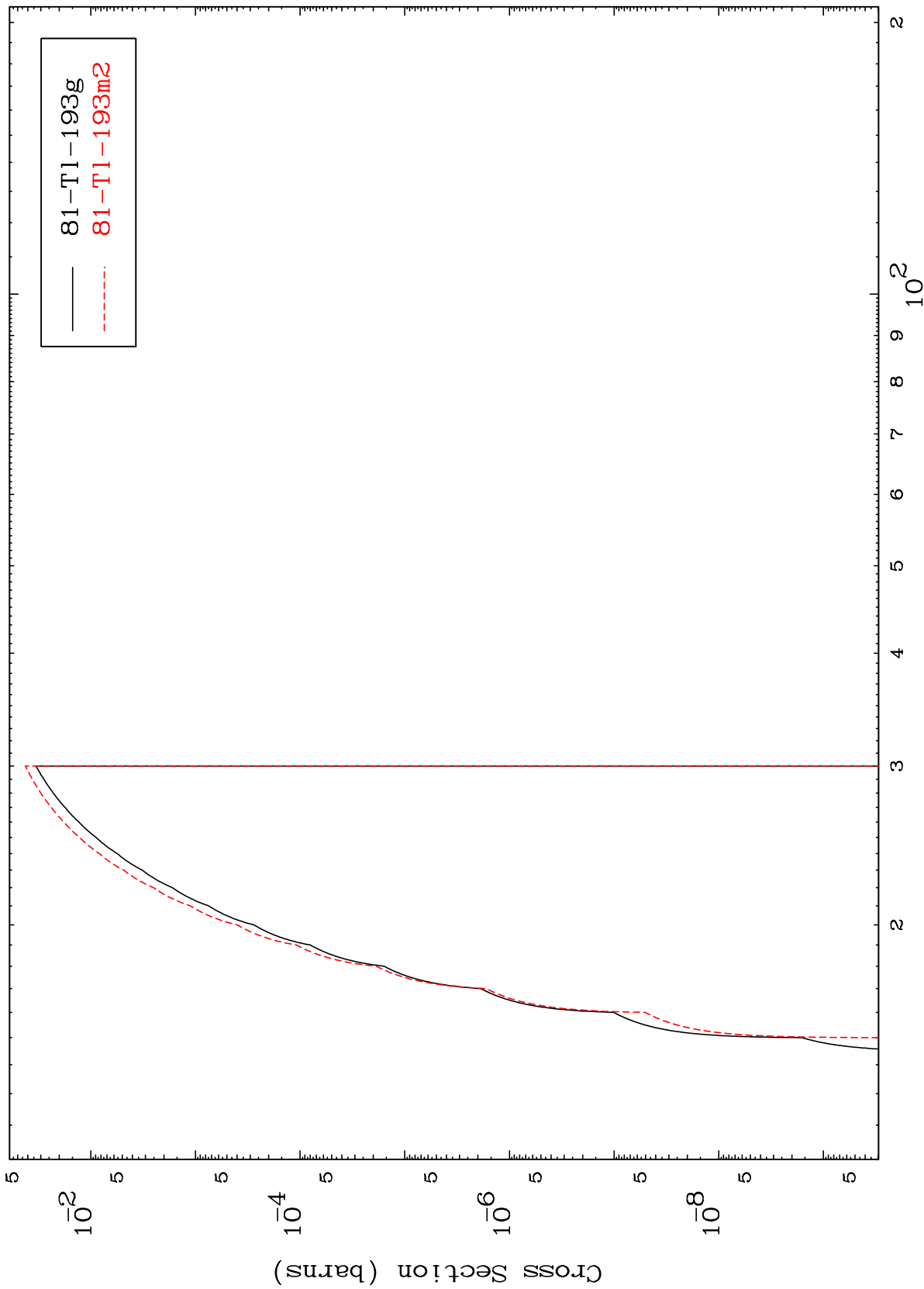
Incident Energy (MeV)

82-Pb-195

Radionuclide Production Cross Section



Radionuclide Production Cross Section

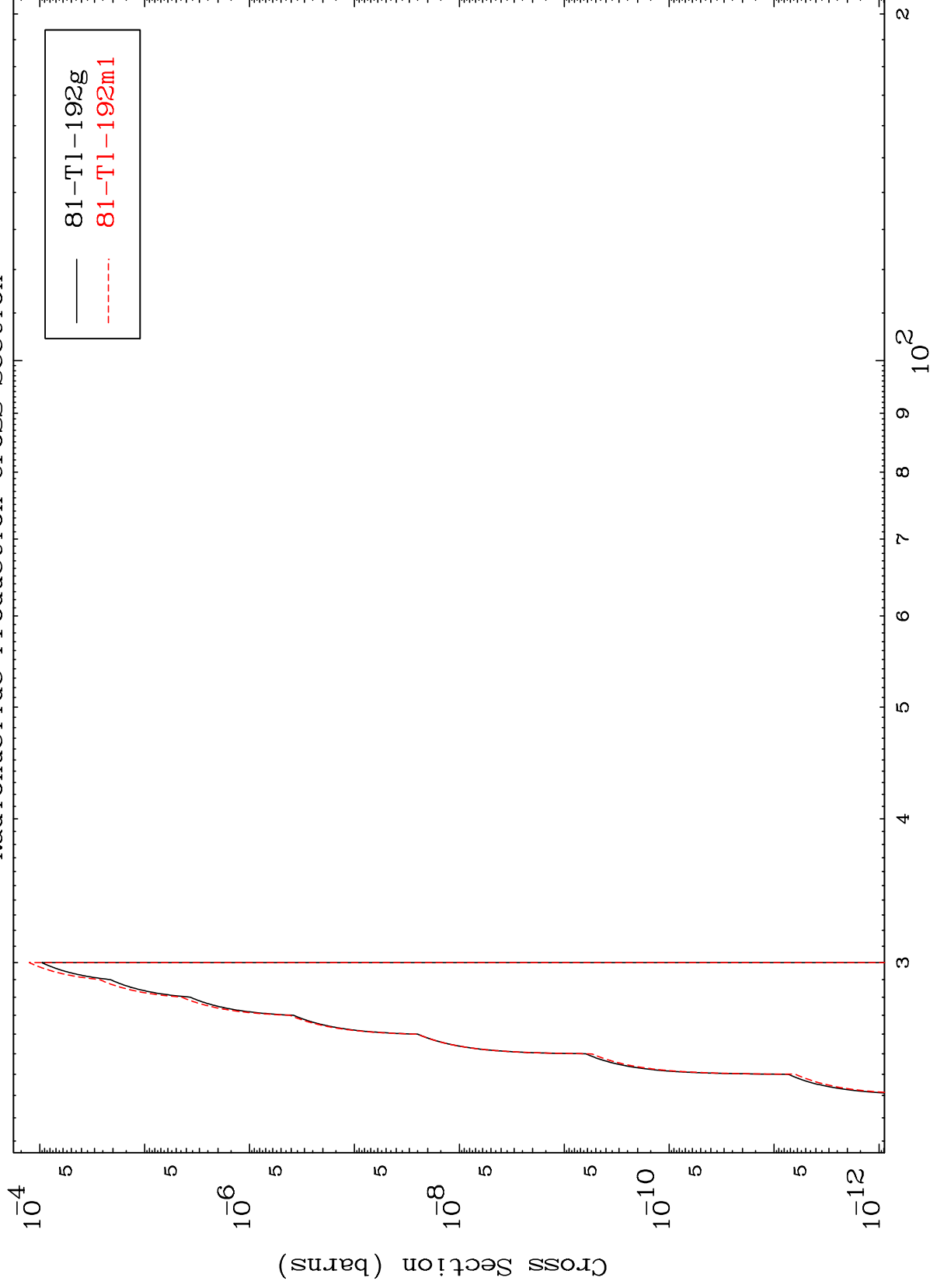


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(n,3n) p

82-Pb-195

Radionuclide Production Cross Section

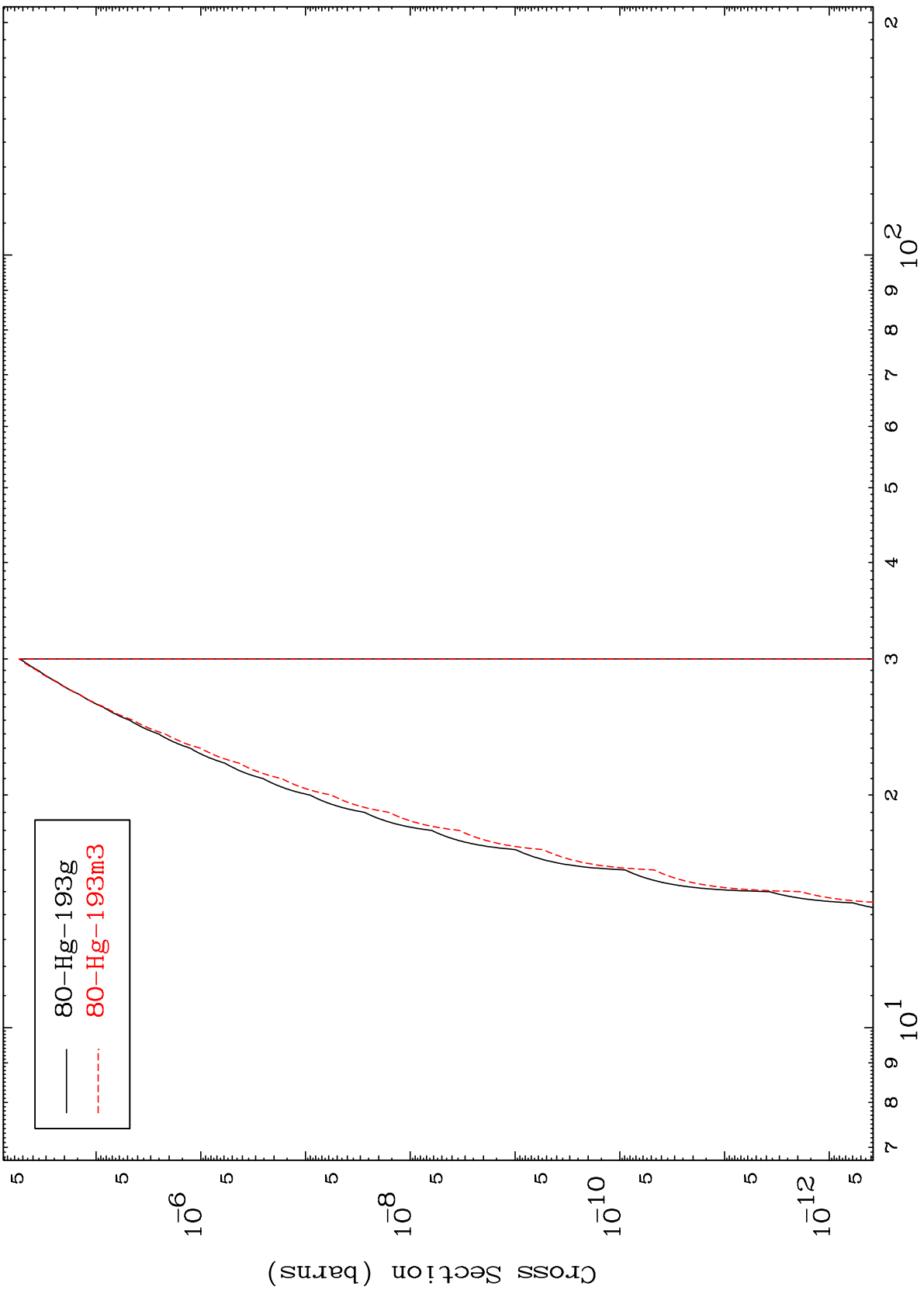


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(n,2n) p

82-Pb-195

Radionuclide Production Cross Section



28

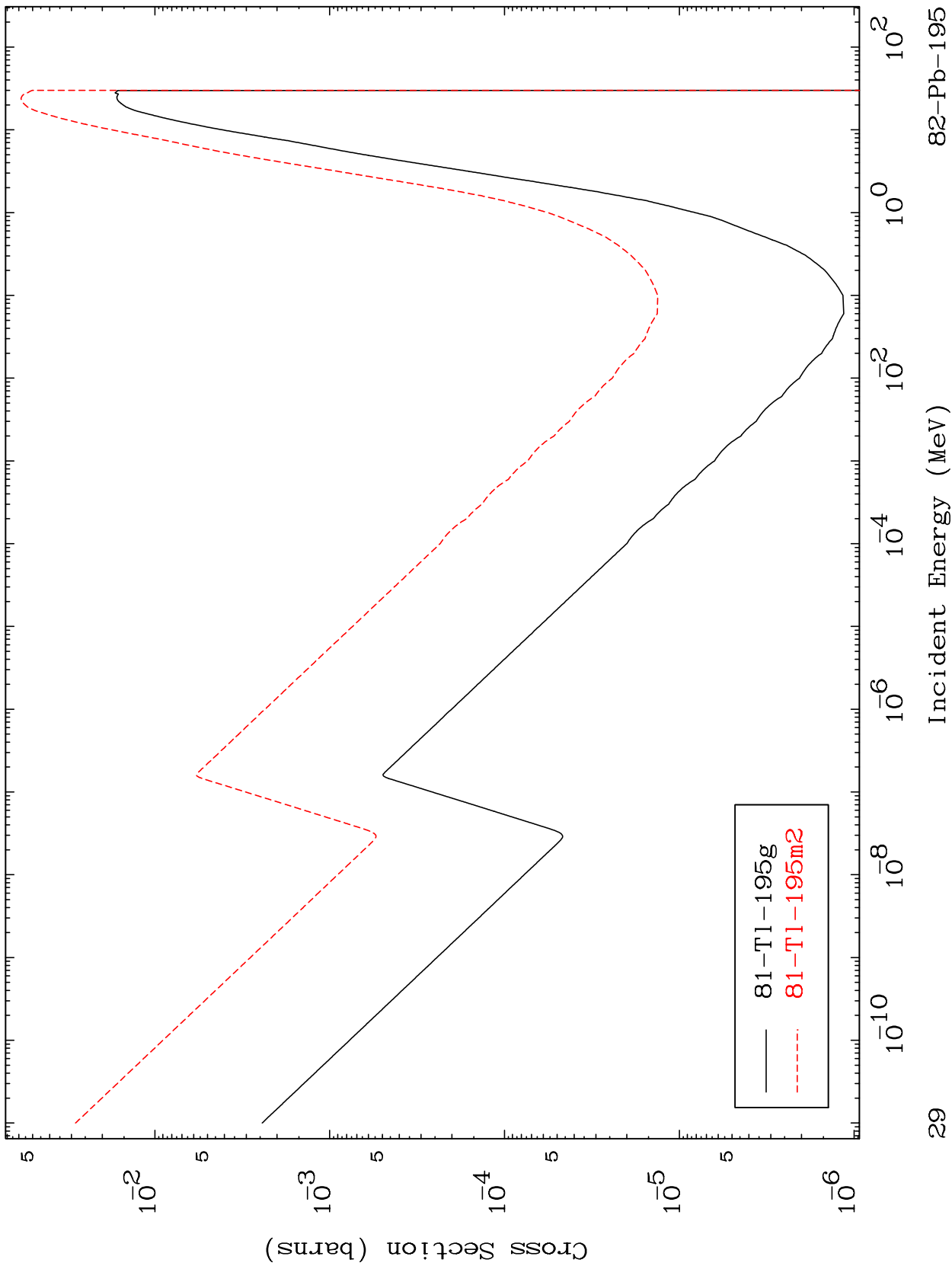
Incident Energy (MeV)

82-Pb-195

MAT 8199

82-Pb-195

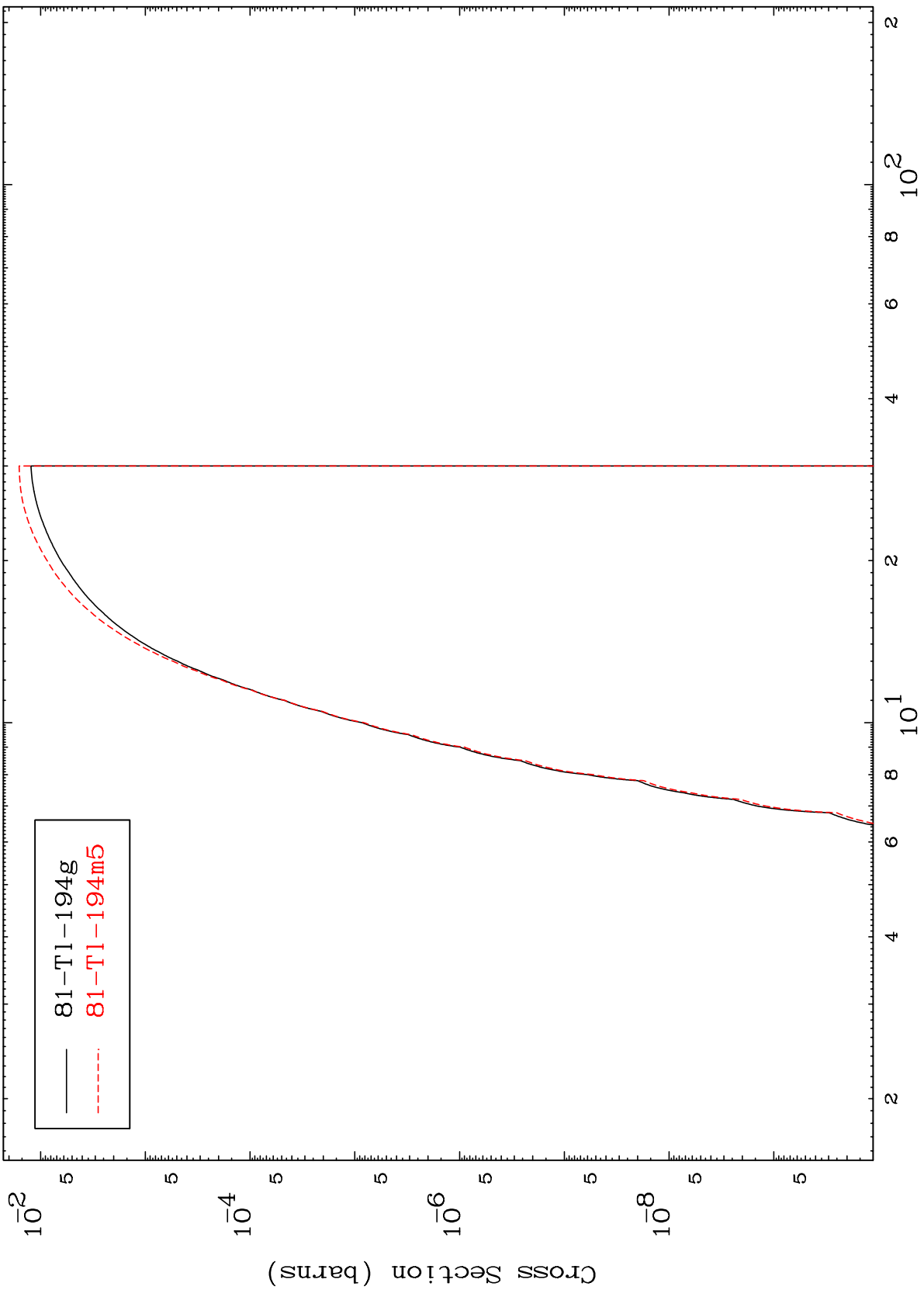
(n,p)  
Radionuclide Production Cross Section



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82-Pb-195

(n,d)  
Radionuclide Production Cross Section



82-Pb-195

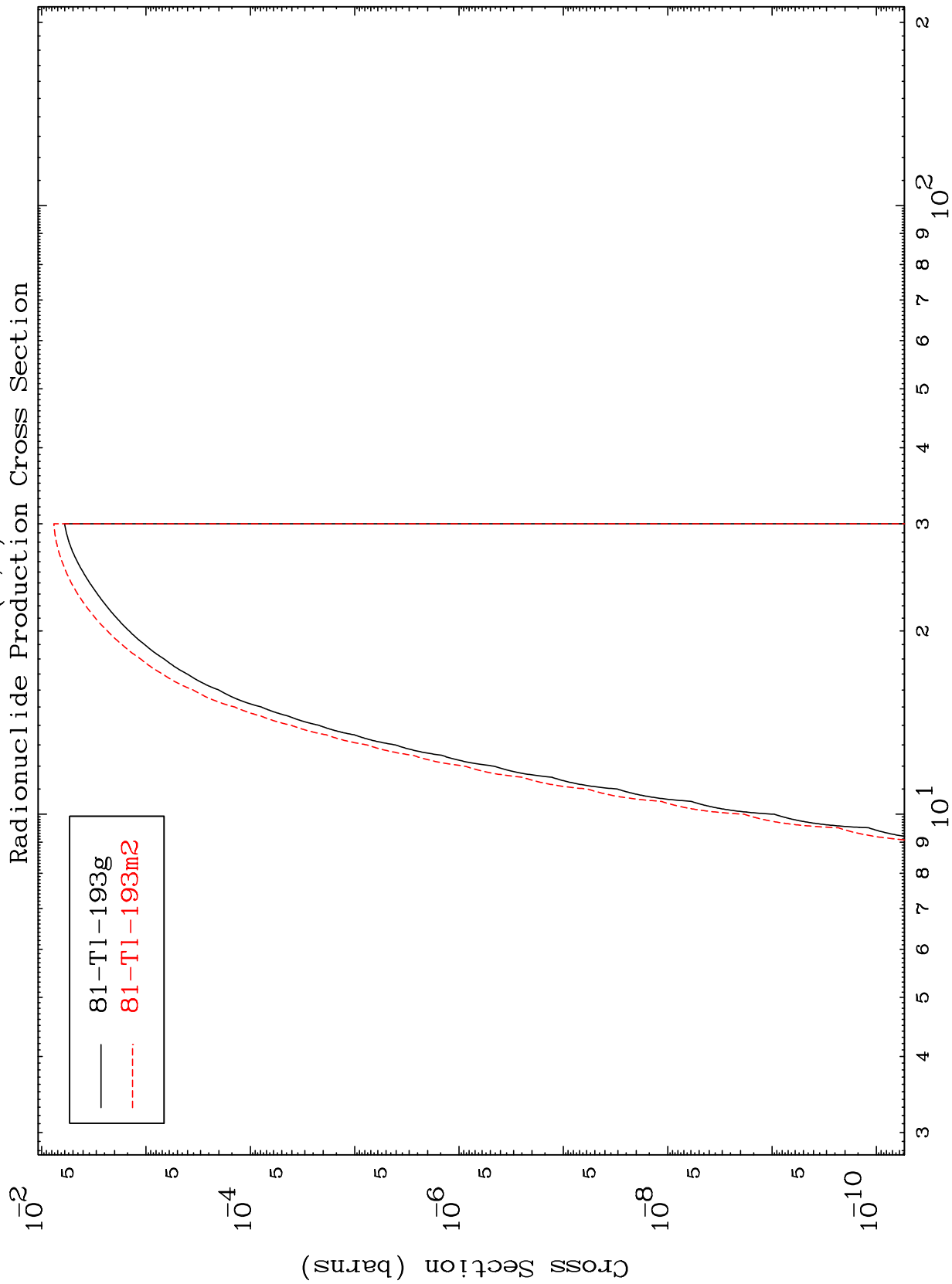
Incident Energy (MeV)

30

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82-Pb-195

(n, t)  
Radionuclide Production Cross Section



31

Incident Energy (MeV)

82-Pb-195

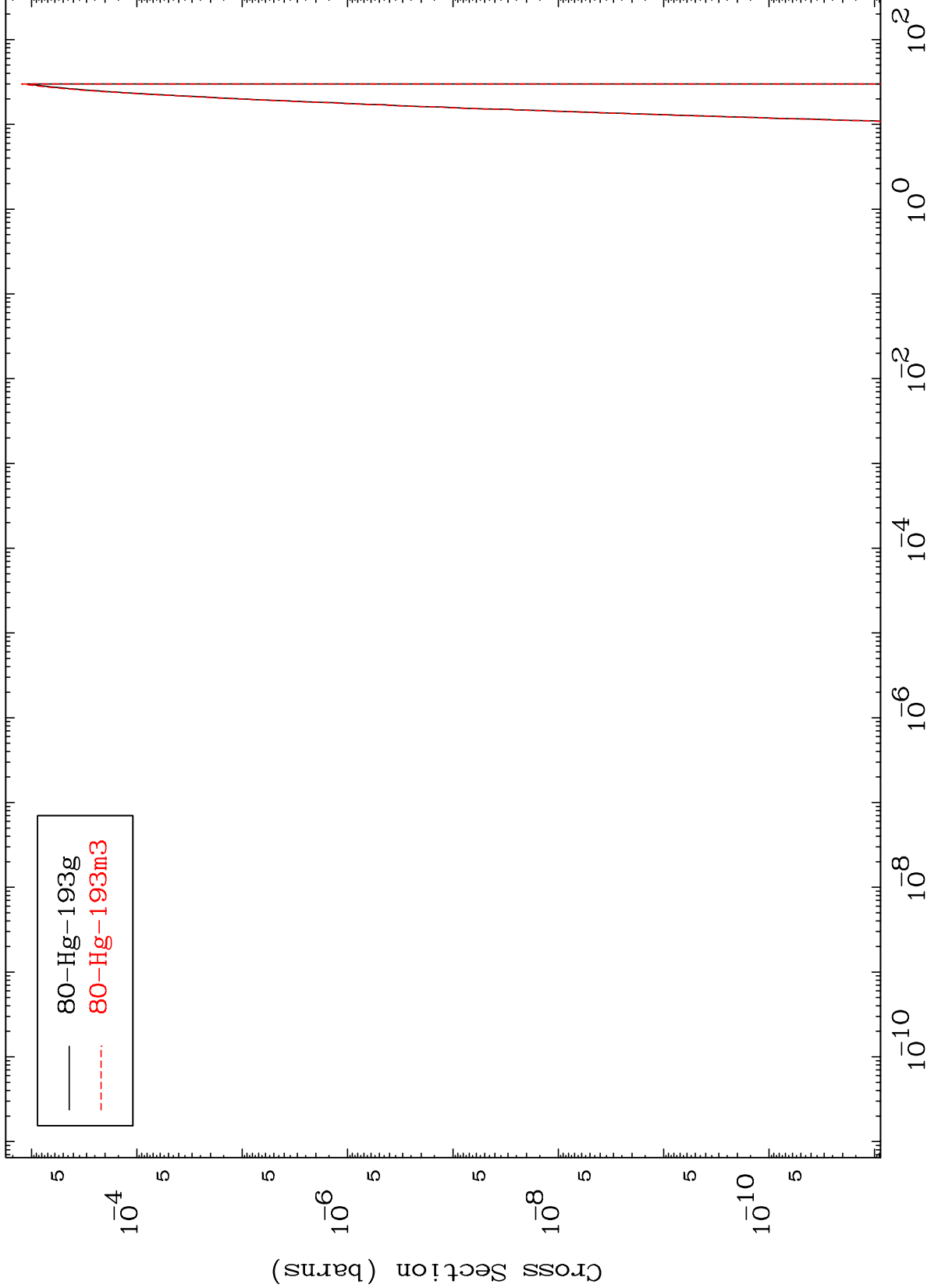


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(n,He-3)

82-Pb-195

Radionuclide Production Cross Section

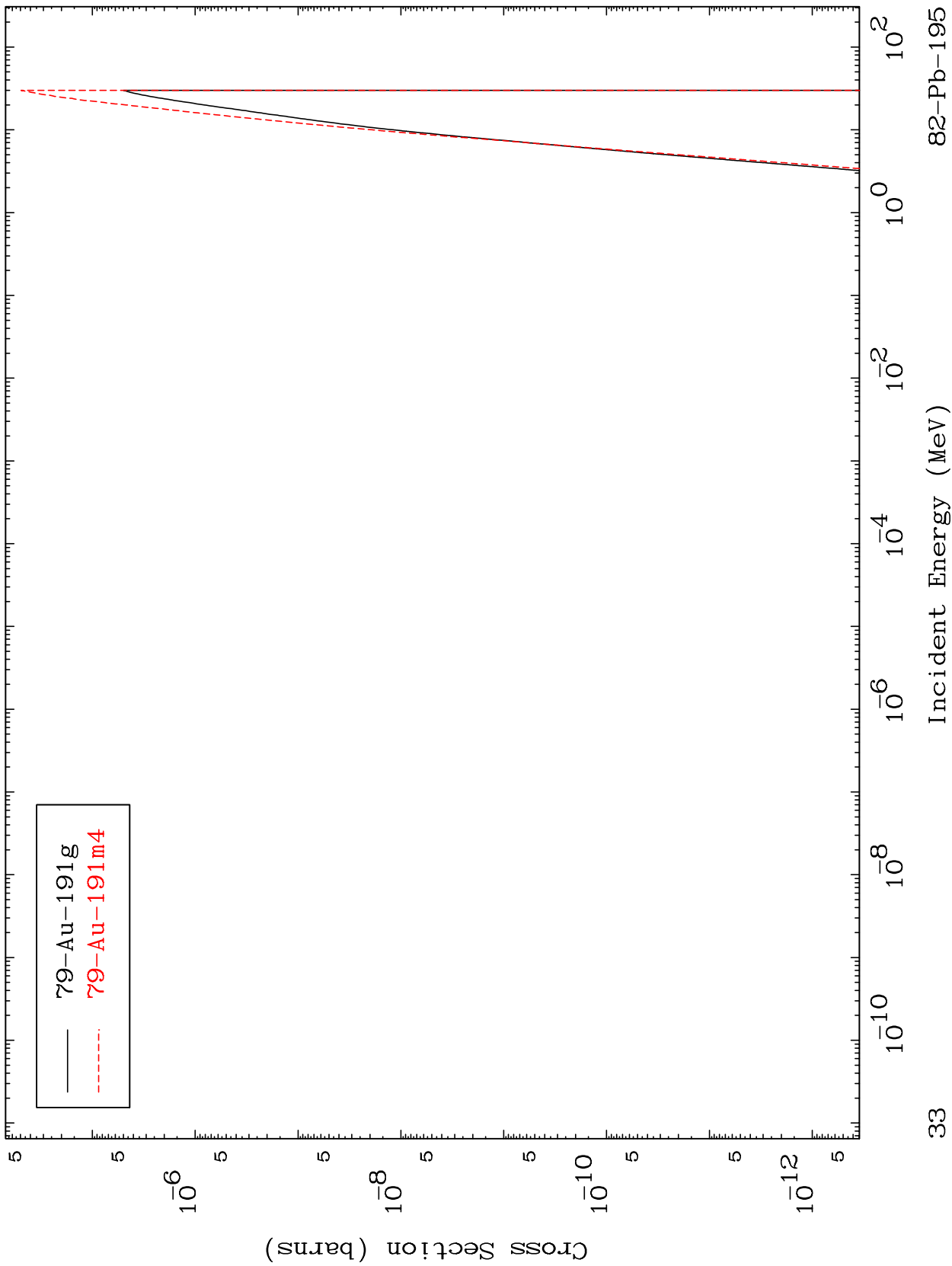


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(n,p)  $\alpha$

82-Pb-195

Radionuclide Production Cross Section

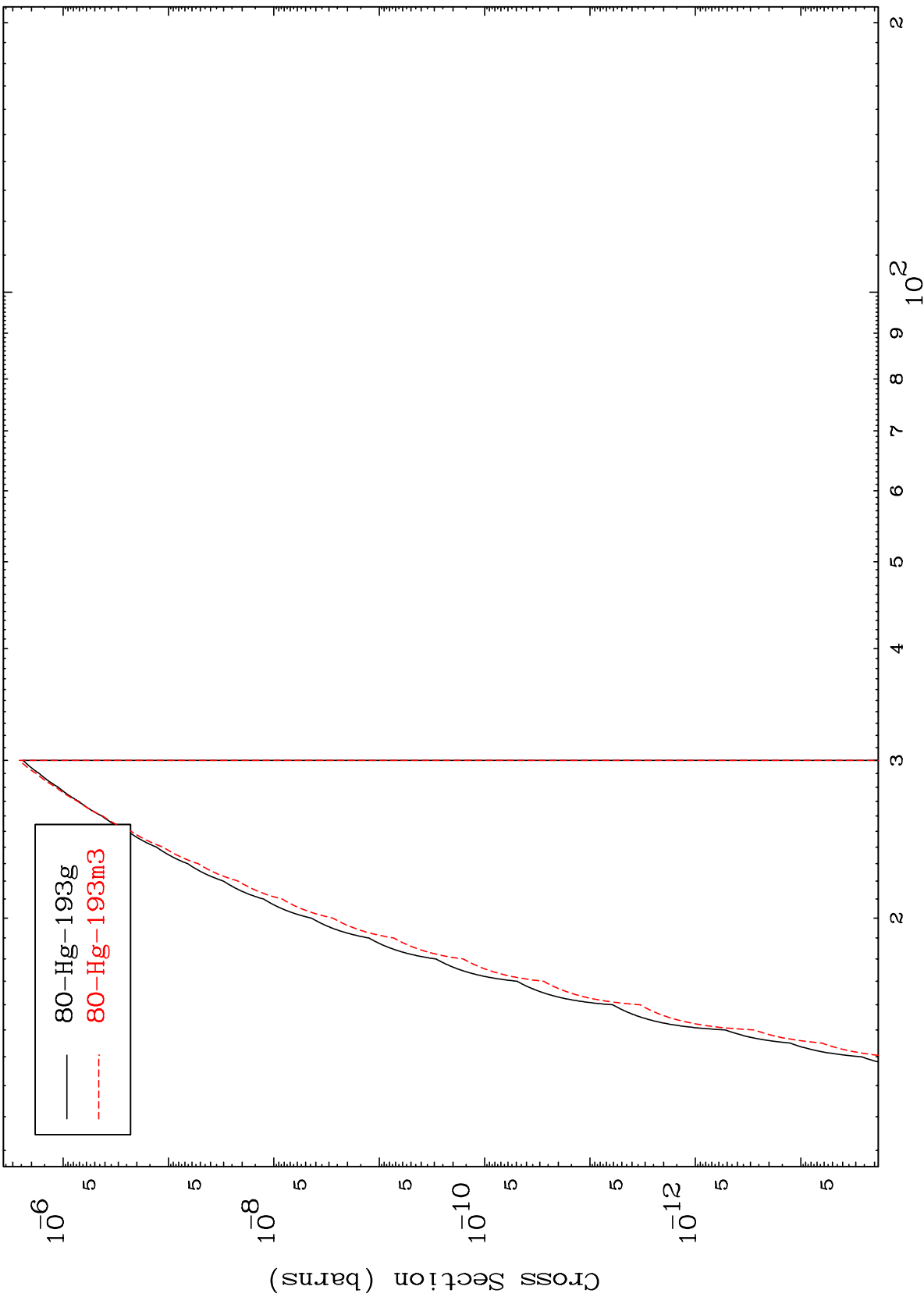


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(n,p) d

82-Pb-195

Radionuclide Production Cross Section



80-Hg-193g  
80-Hg-193m3