

Program EVALPLOT  
(Version 2021-1)

by

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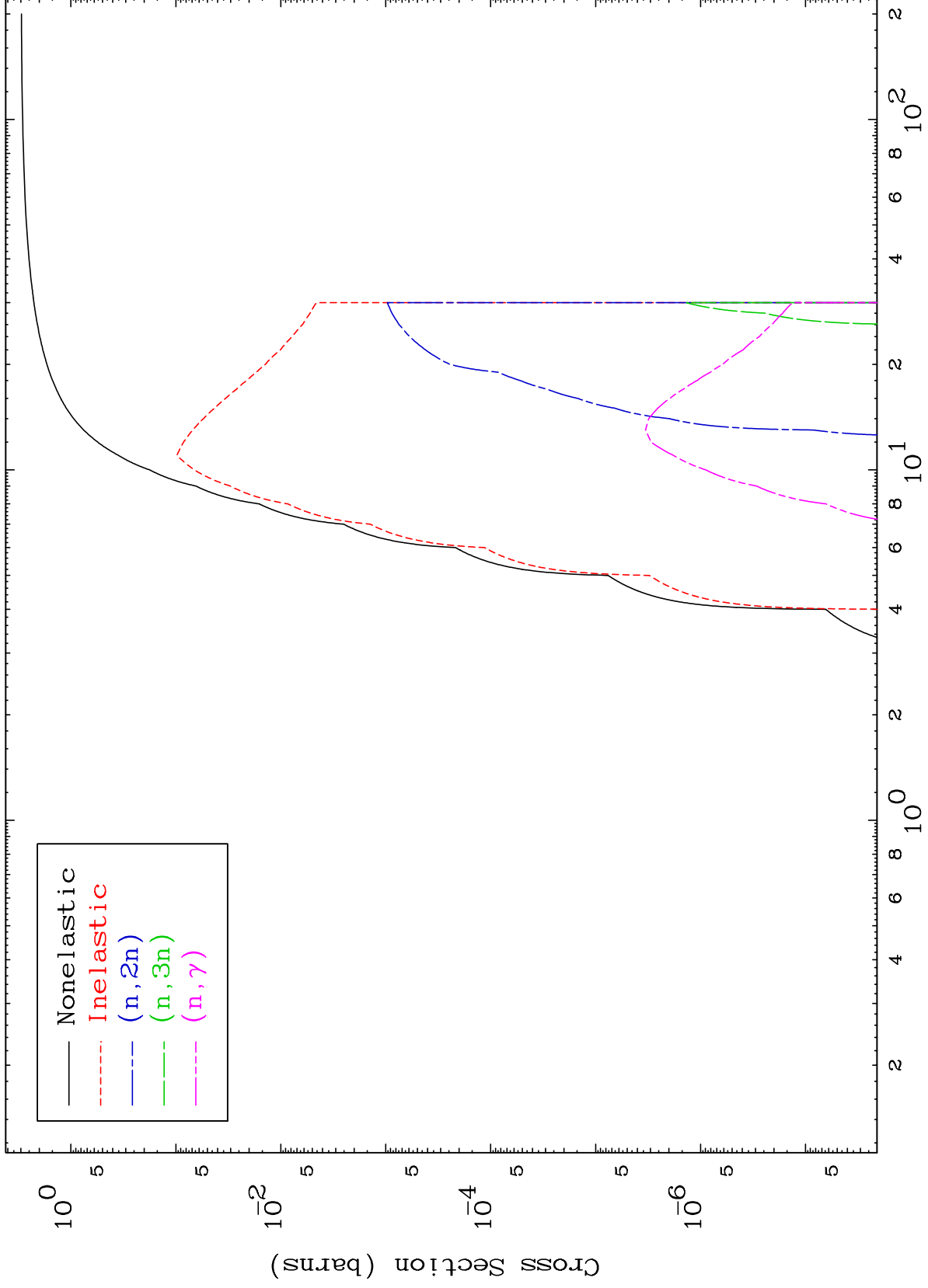
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8168

Deuteron Major  
0 Kelvin Cross Sections

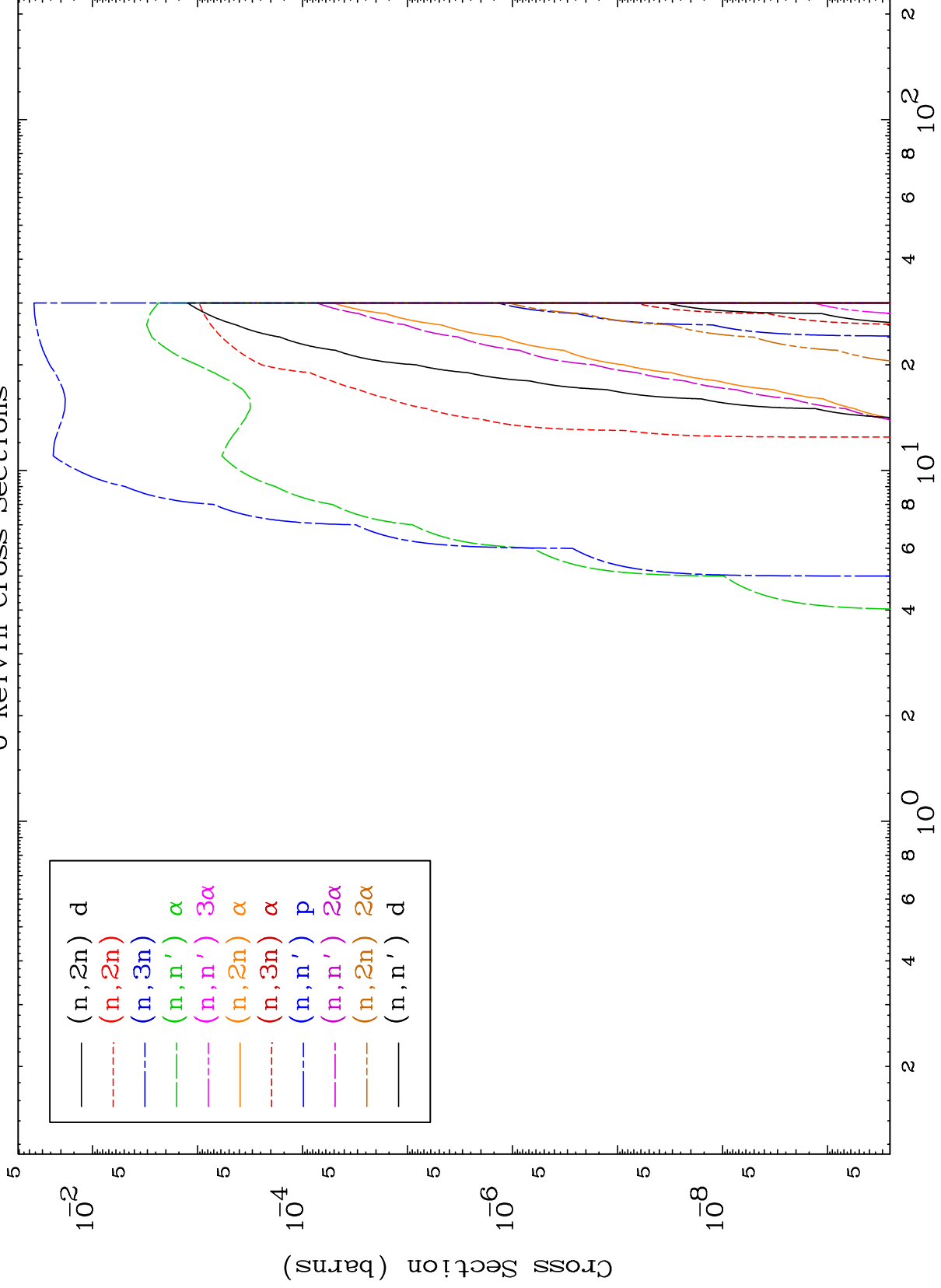
82-Pb-185



MAT 8168

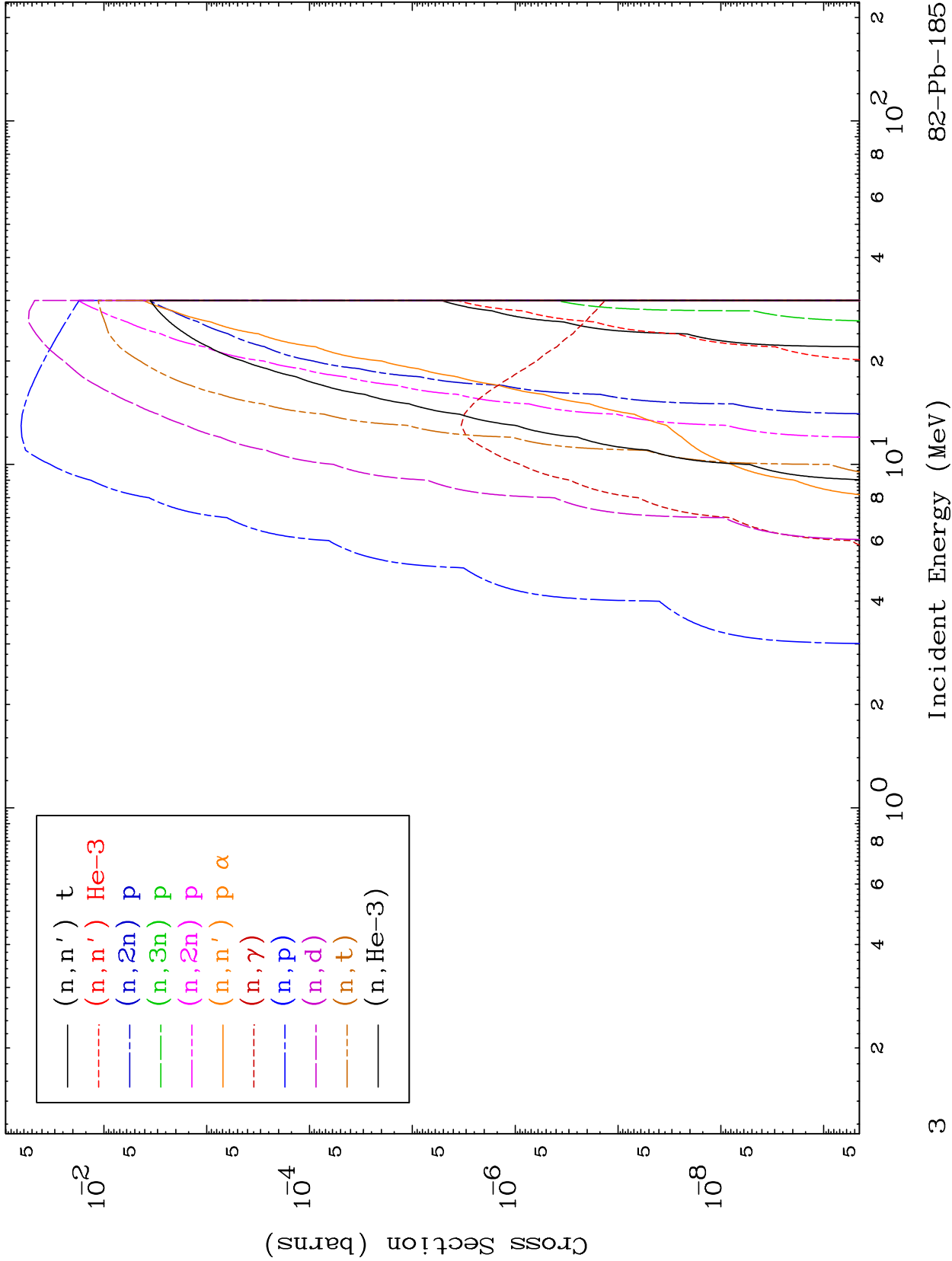
Deuteron Neutron Absorption  
0 Kelvin Cross Sections

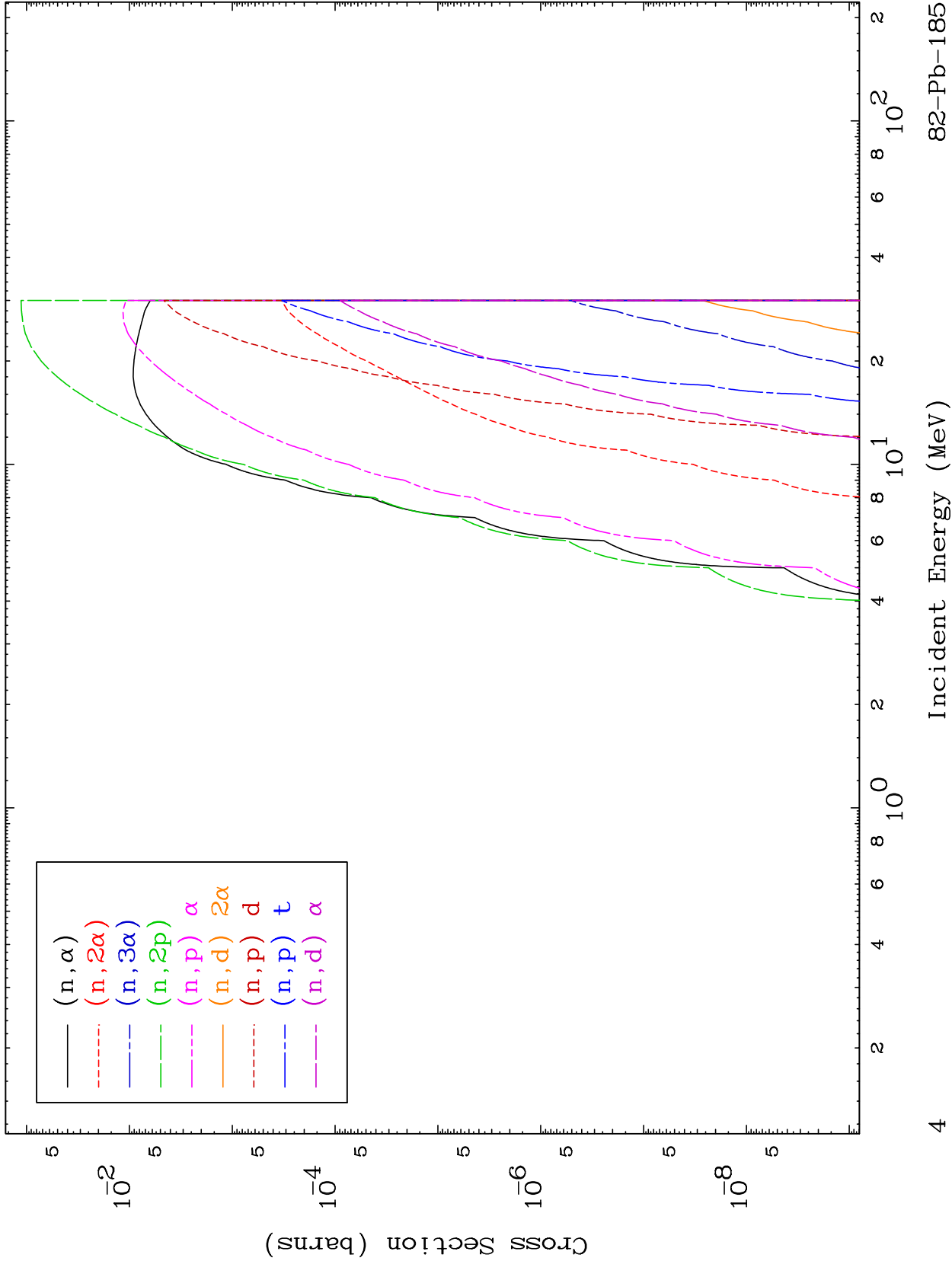
82-Pb-185

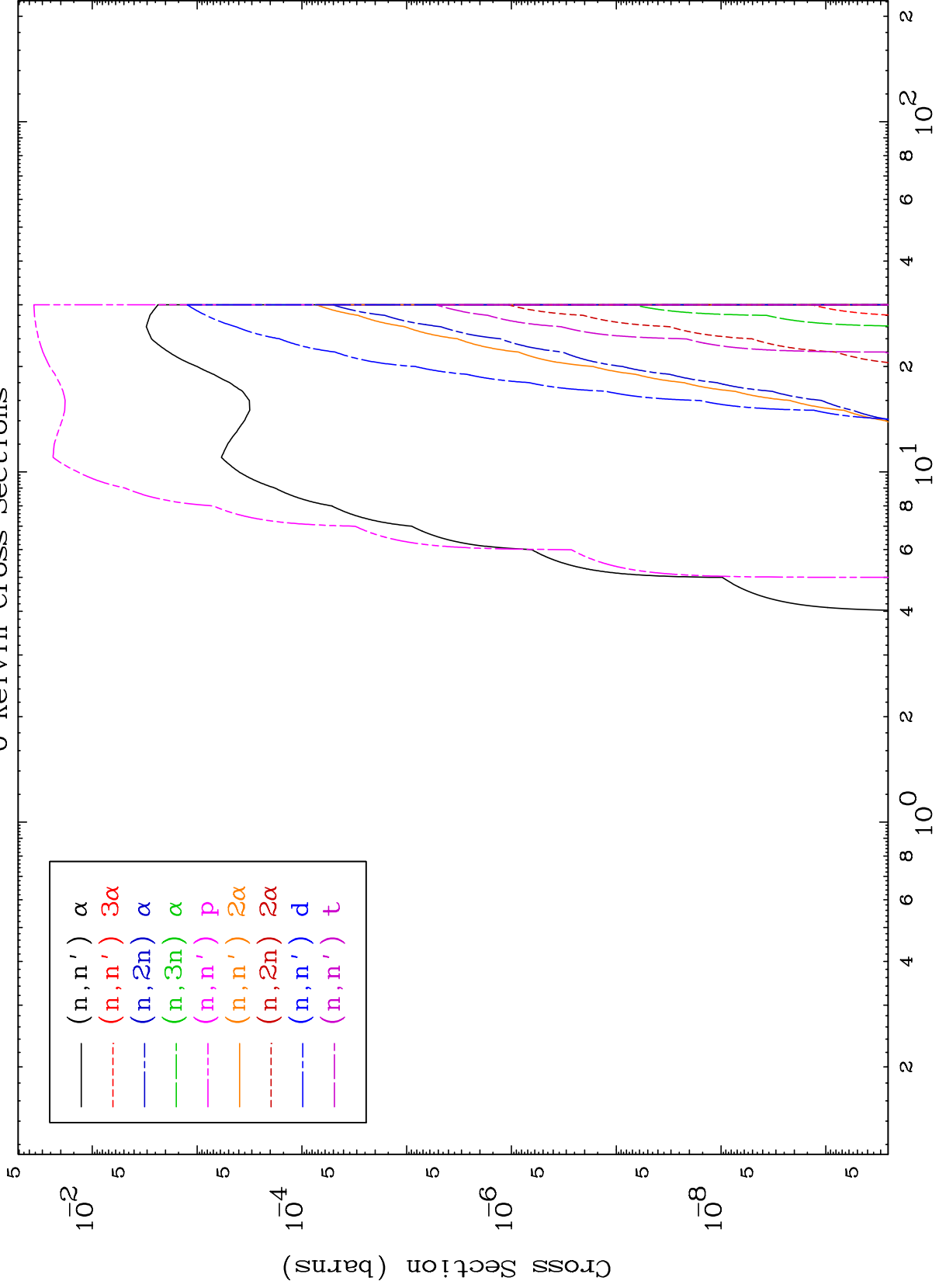


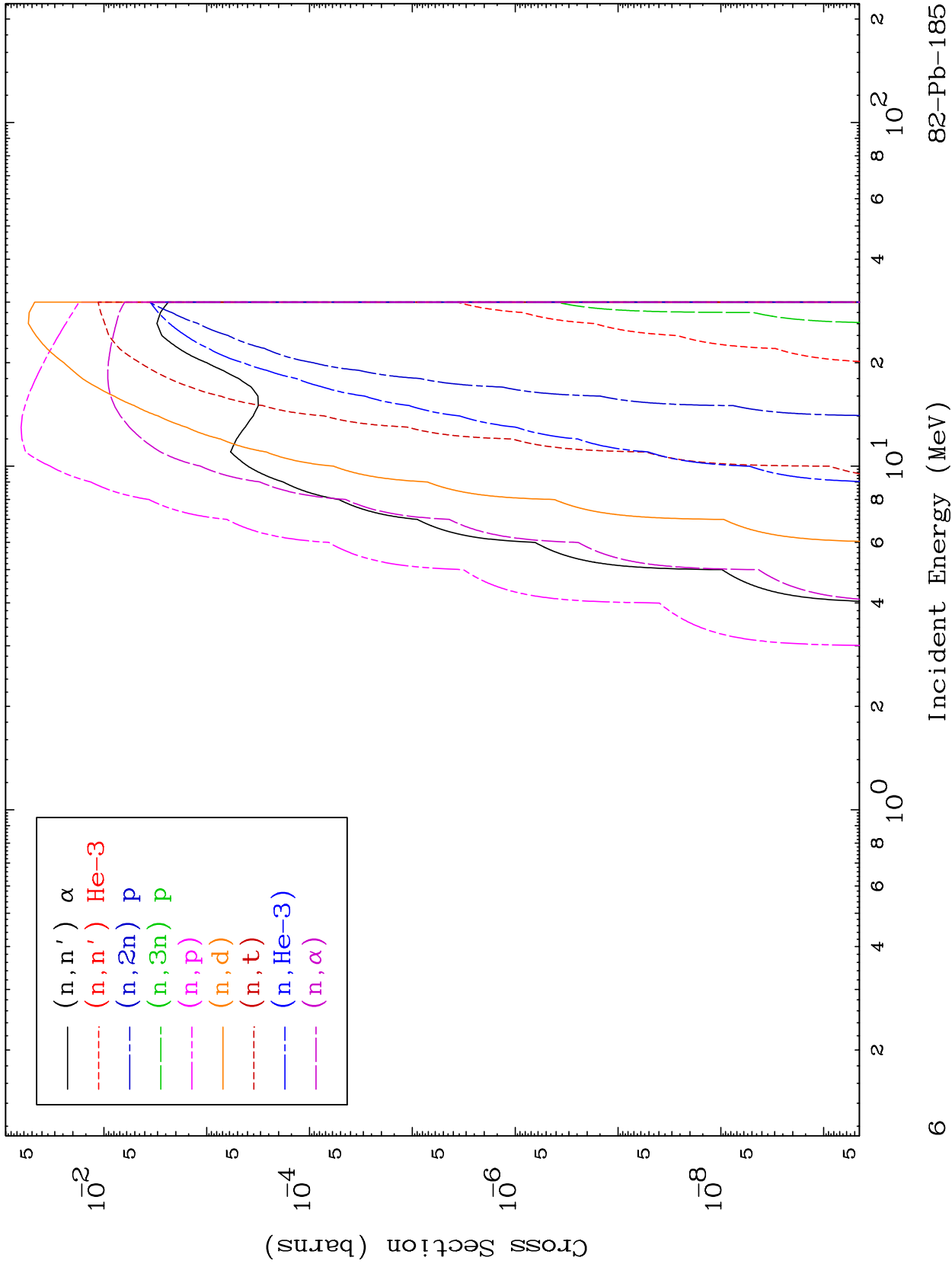
82-Pb-185

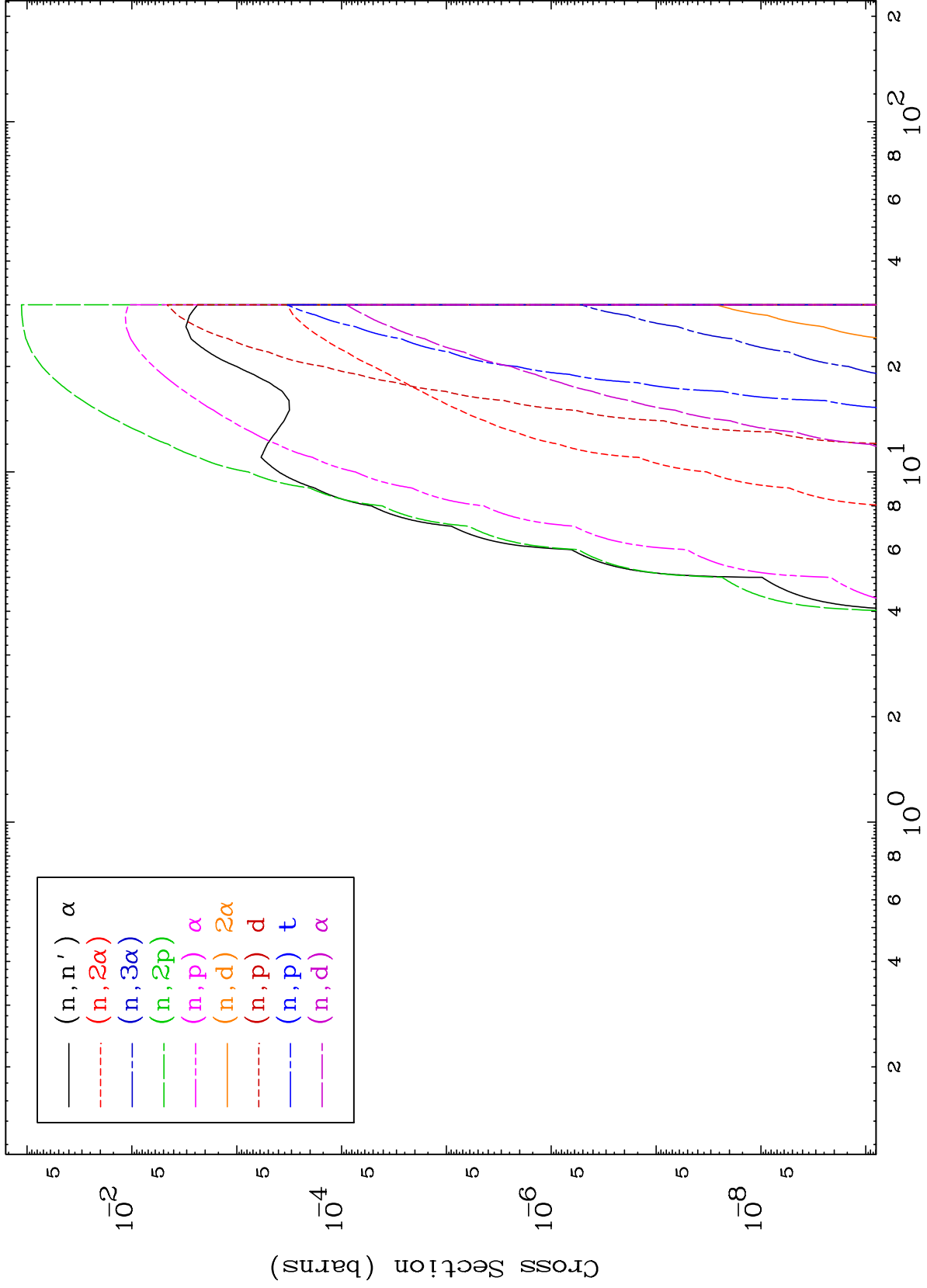
Incident Energy (MeV)









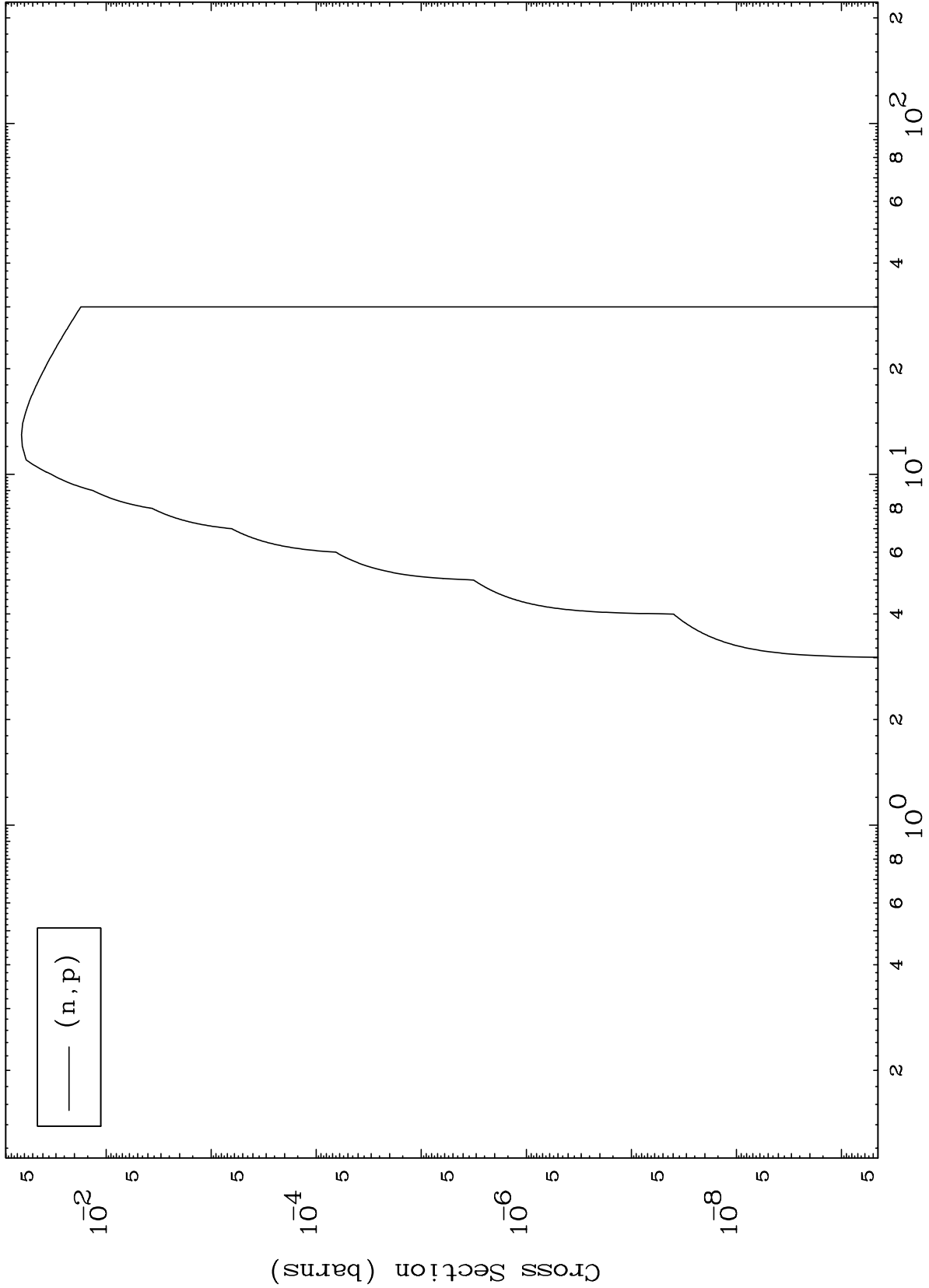


MAT 8168

(d,p) Levels

82-Pb-185

0 Kelvin Cross Sections

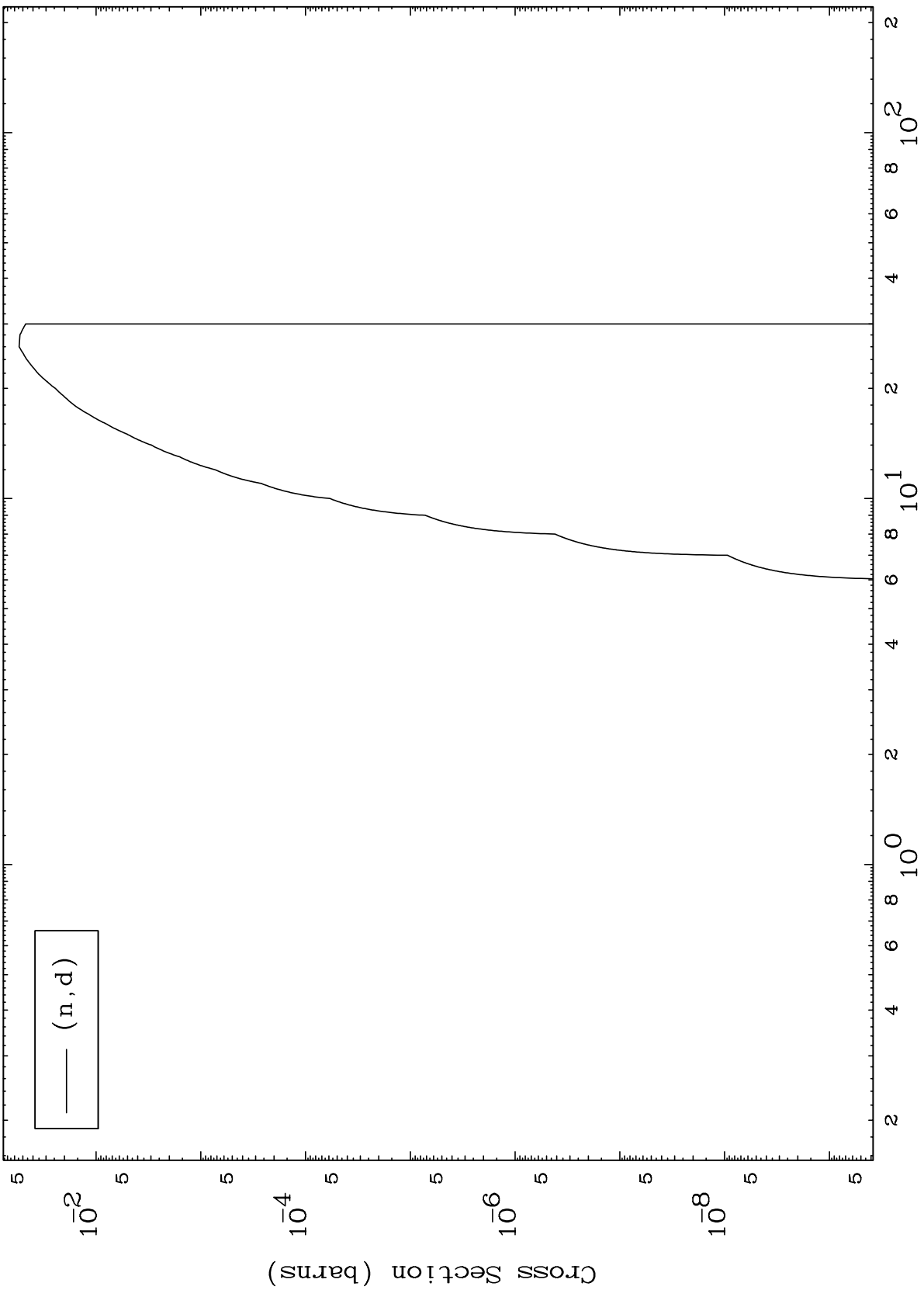


MAT 8168

(d,d) Levels

82-Pb-185

0 Kelvin Cross Sections

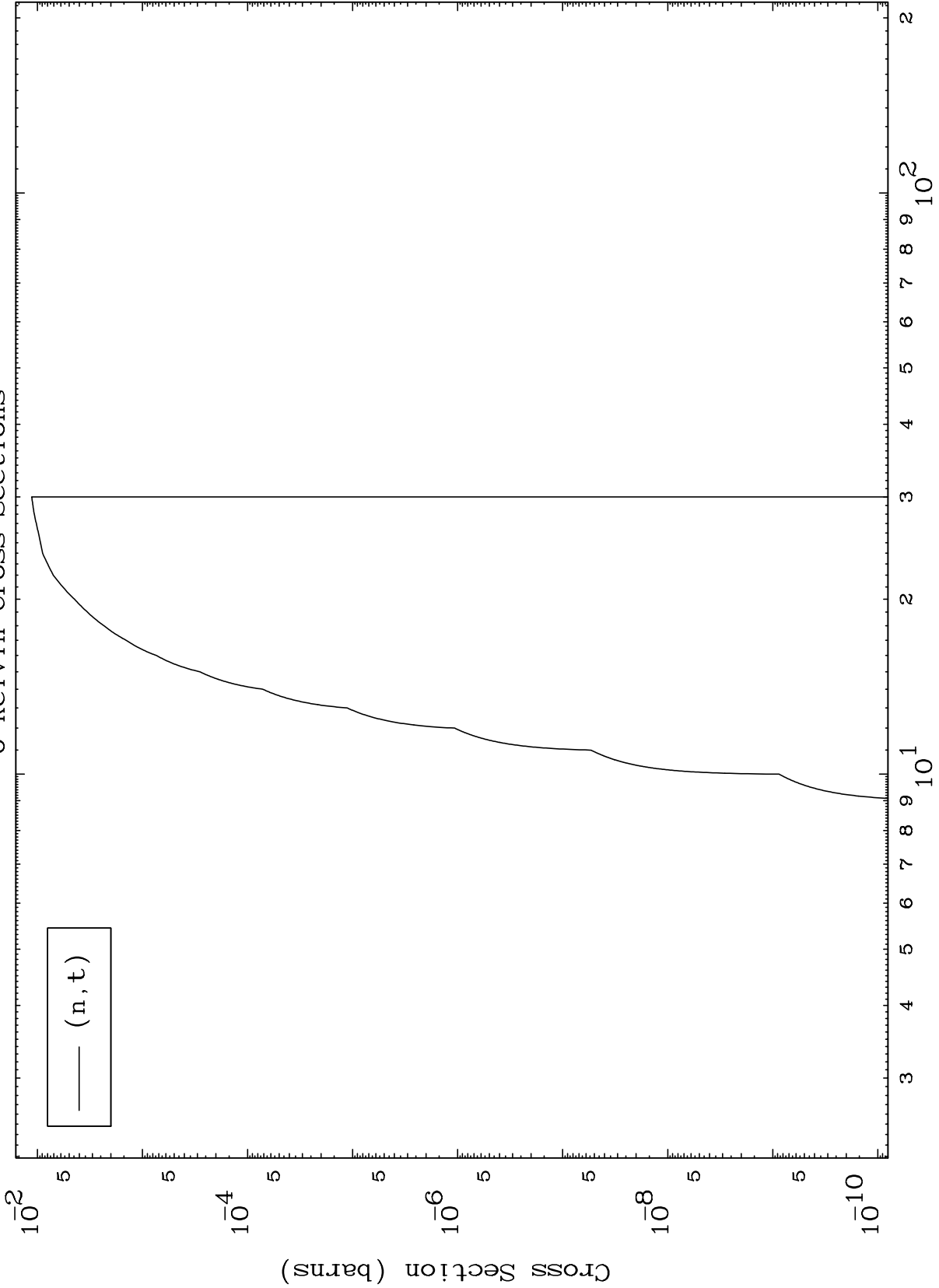


MAT 8168

(d,t) Levels

82-Pb-185

0 Kelvin Cross Sections



10

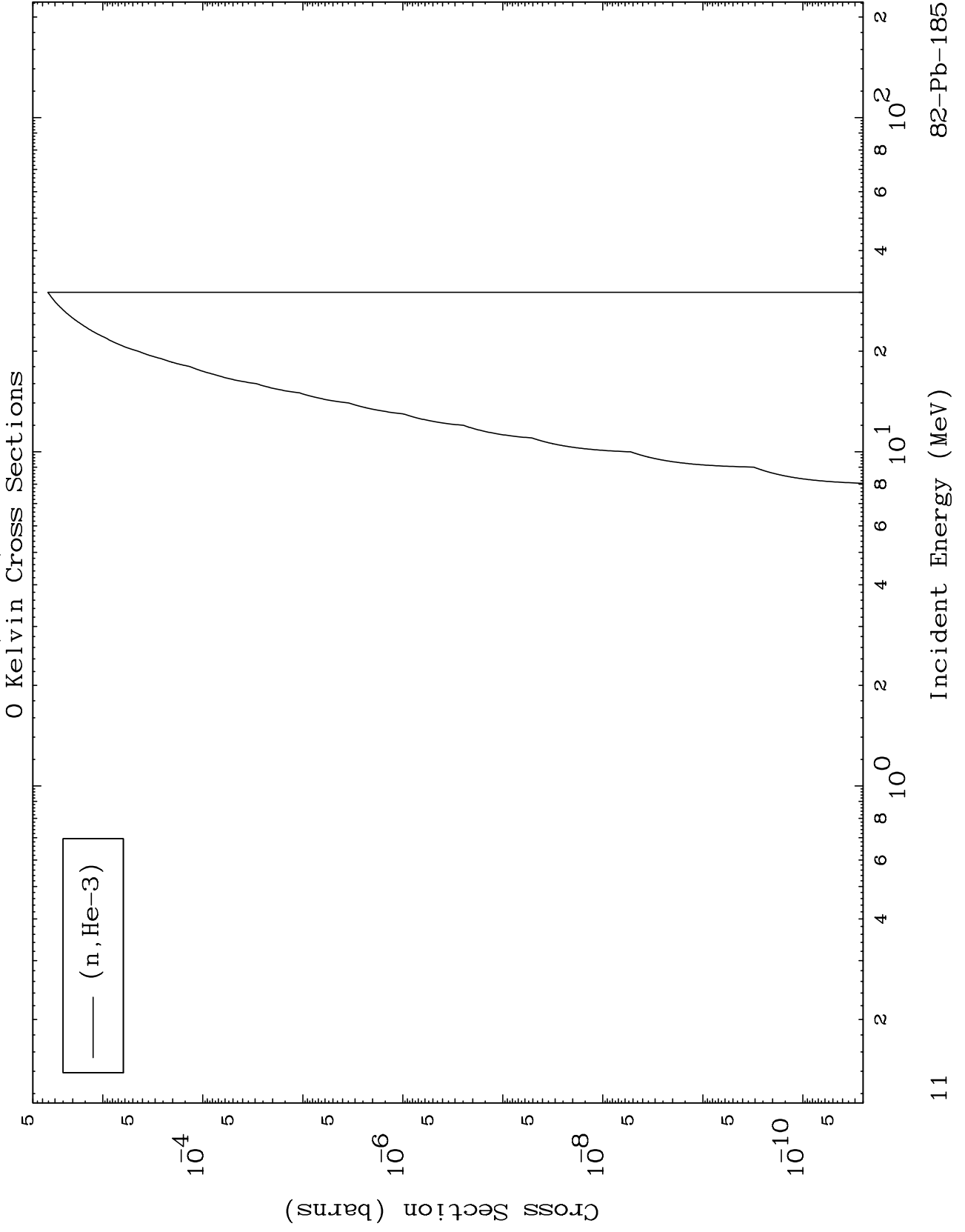
Incident Energy (MeV)

82-Pb-185

MAT 8168

(d,He3) Levels

82-Pb-185

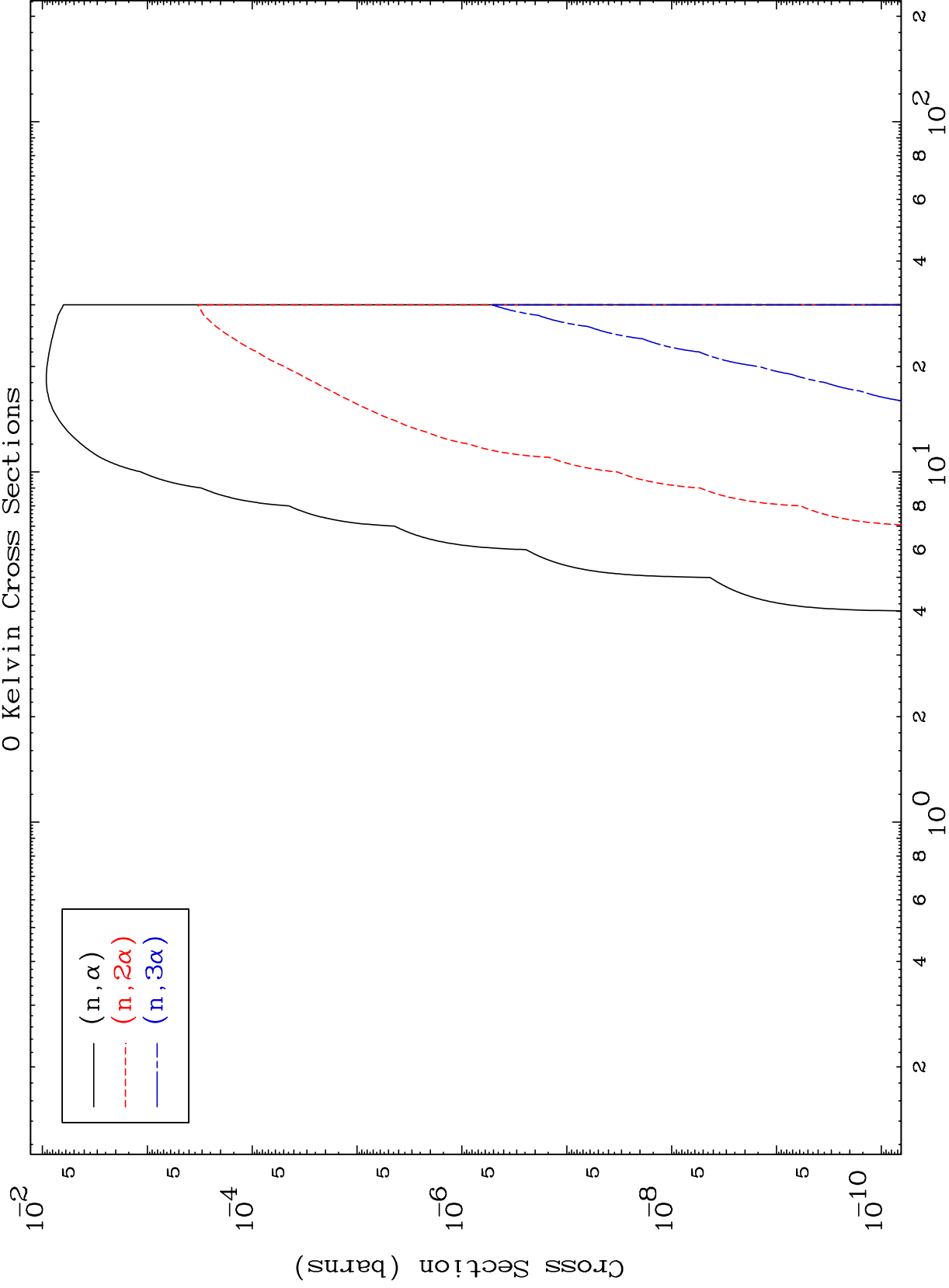


MAT 8168

(d,  $\alpha$ ) Levels

82-Pb-185

0 Kelvin Cross Sections



12

Incident Energy (MeV)

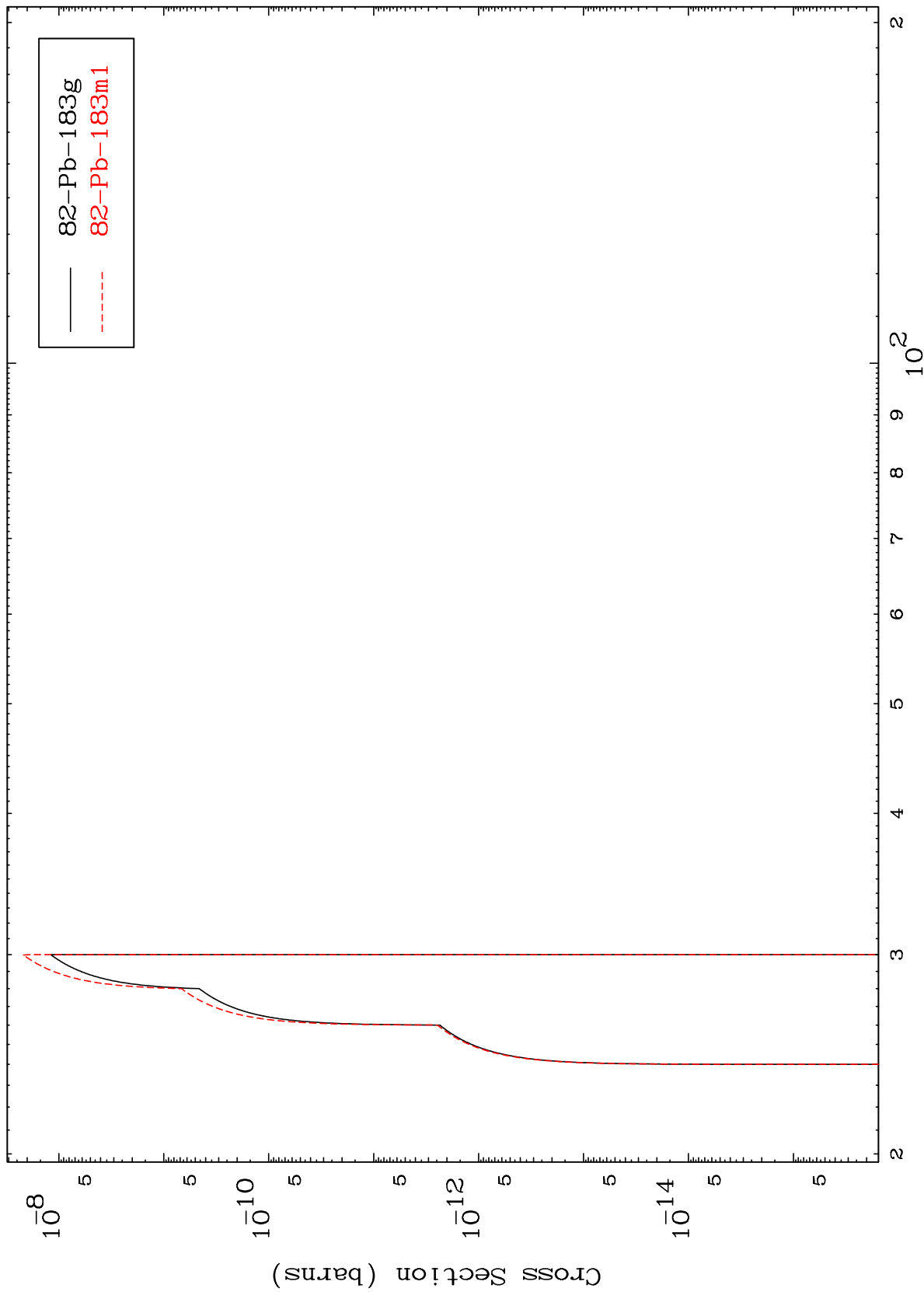
82-Pb-185

MAT 8168

(n,2n) d

82-Pb-185

Radionuclide Production Cross Section



13

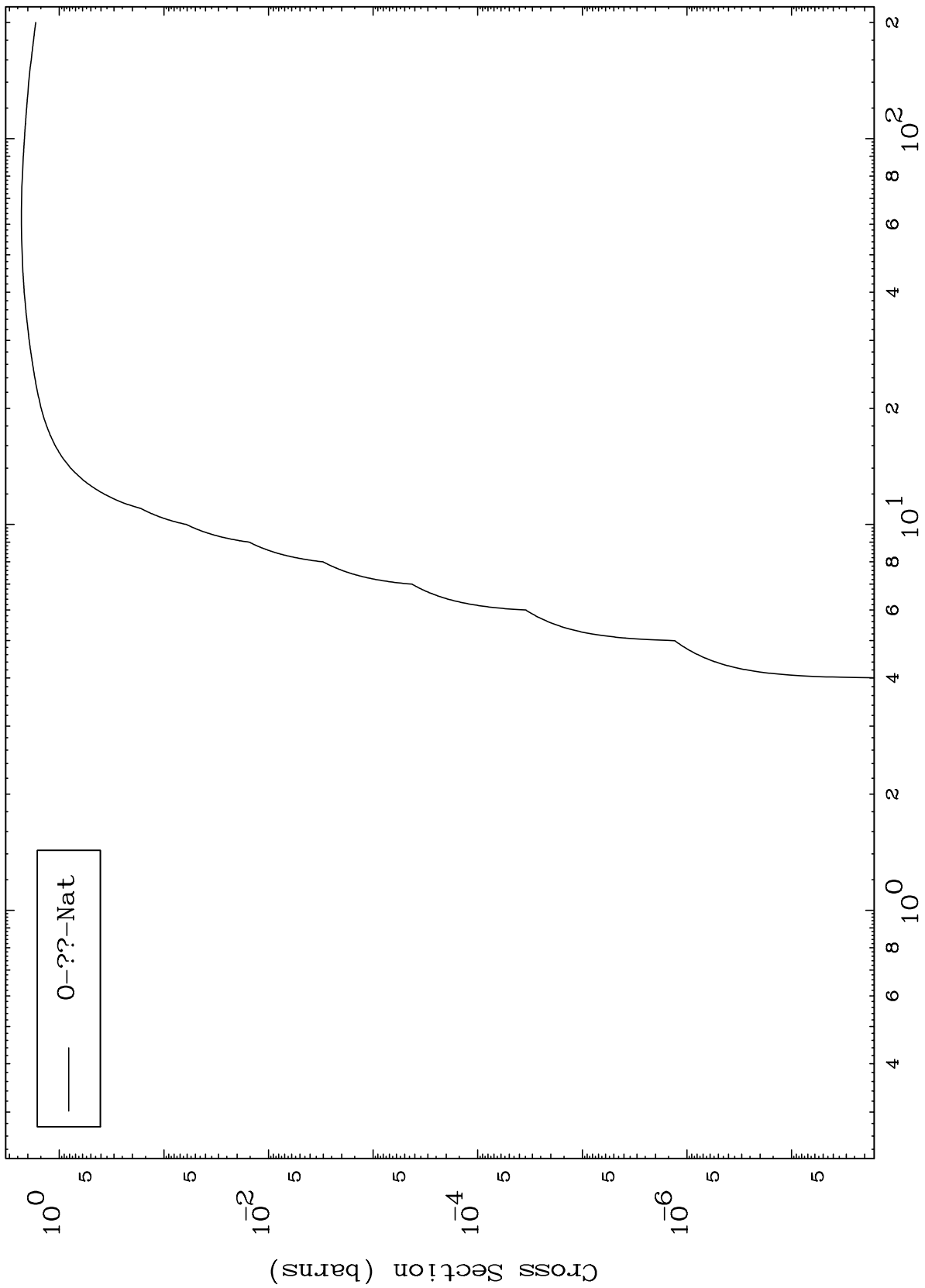
Incident Energy (MeV)

82-Pb-185

MAT 8168

82-Pb-185

Fission  
Radionuclide Production Cross Section



14

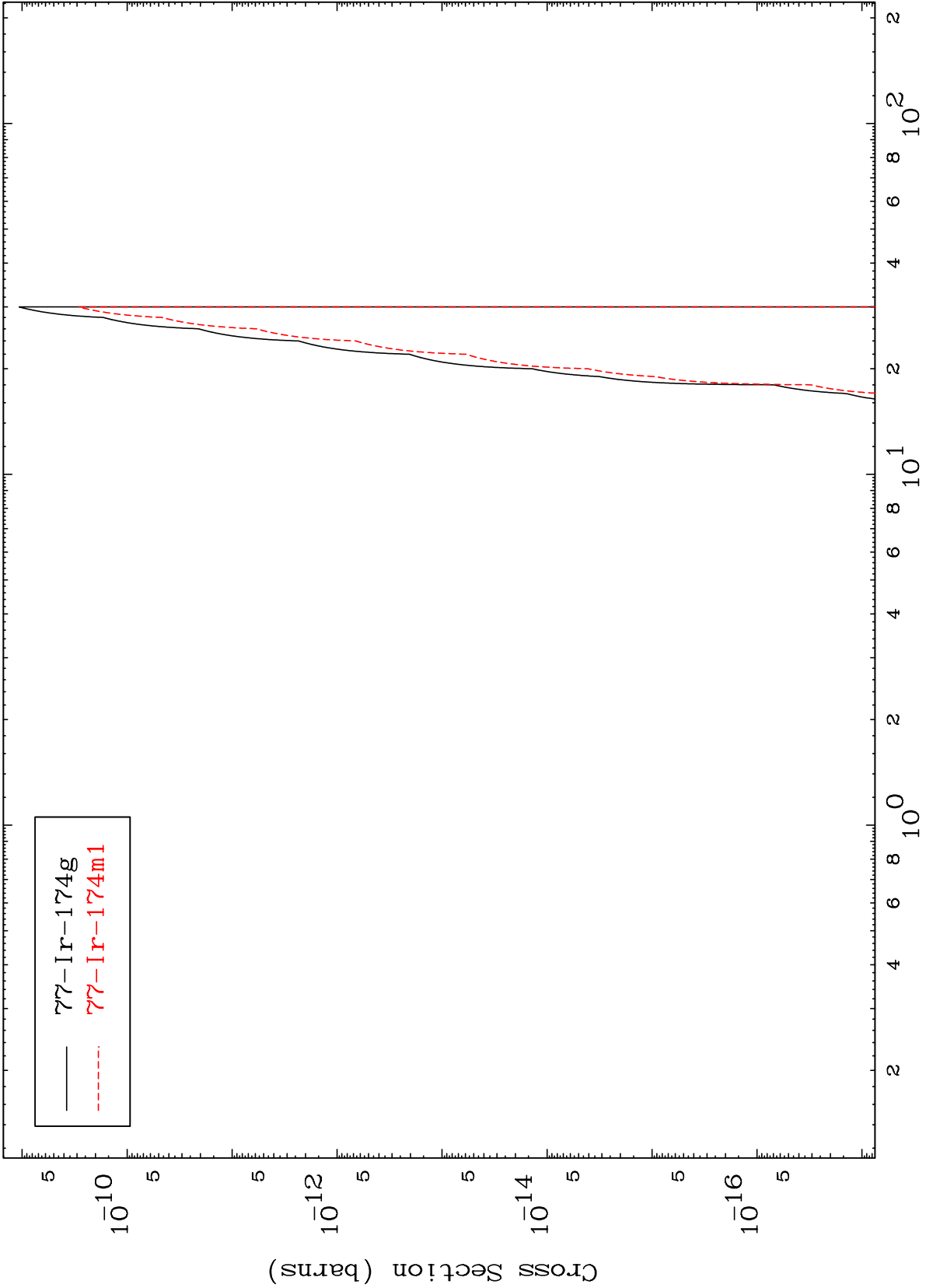
82-Pb-185

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(n,n') 3 $\alpha$

82-Pb-185

Radionuclide Production Cross Section



—  $^{77}\text{Ir-174g}$   
- - -  $^{77}\text{Ir-174m1}$

15

Incident Energy (MeV)

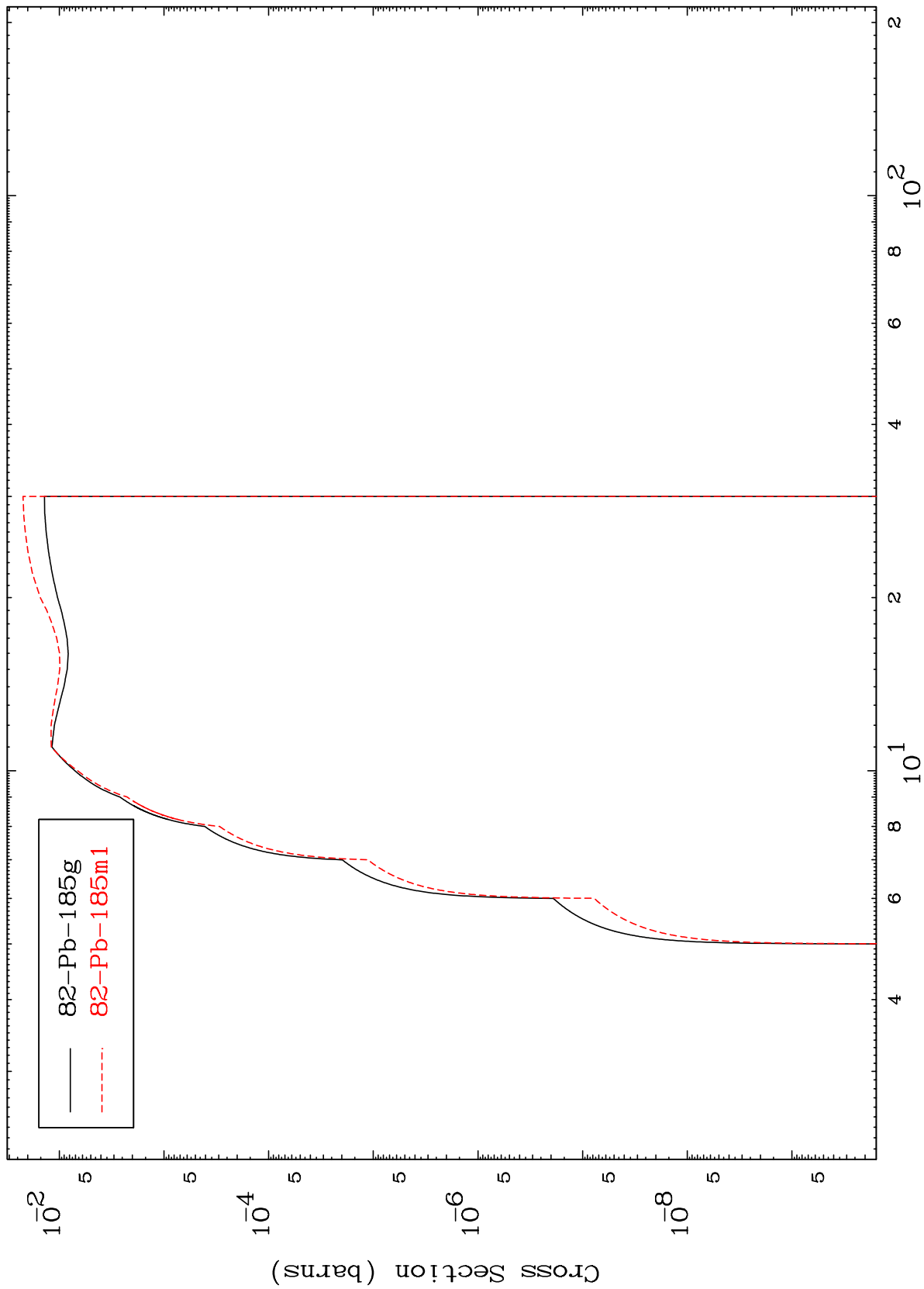
82-Pb-185

MAT 8168

(n,n') p

82-Pb-185

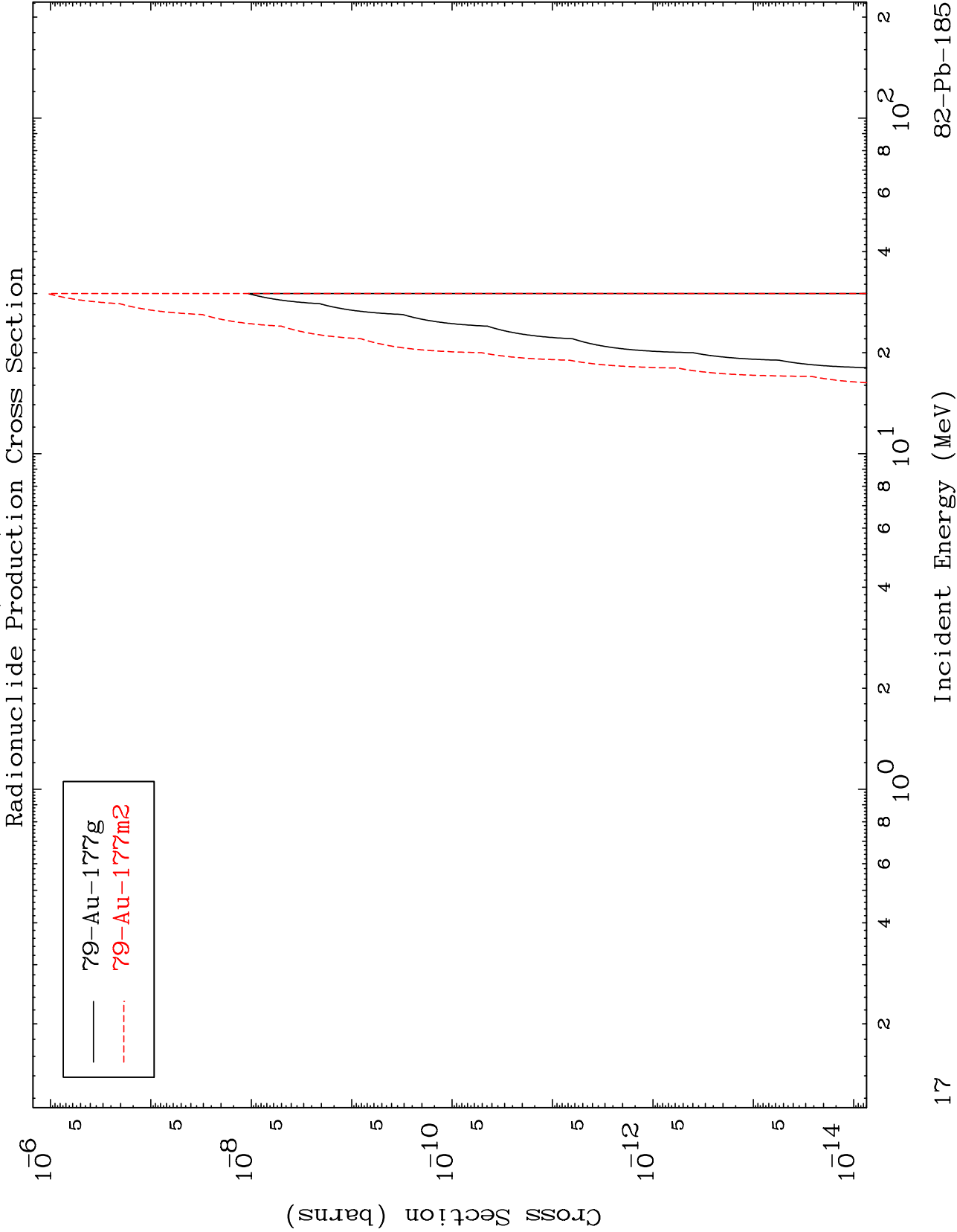
Radionuclide Production Cross Section



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(n,2n) 2 $\alpha$

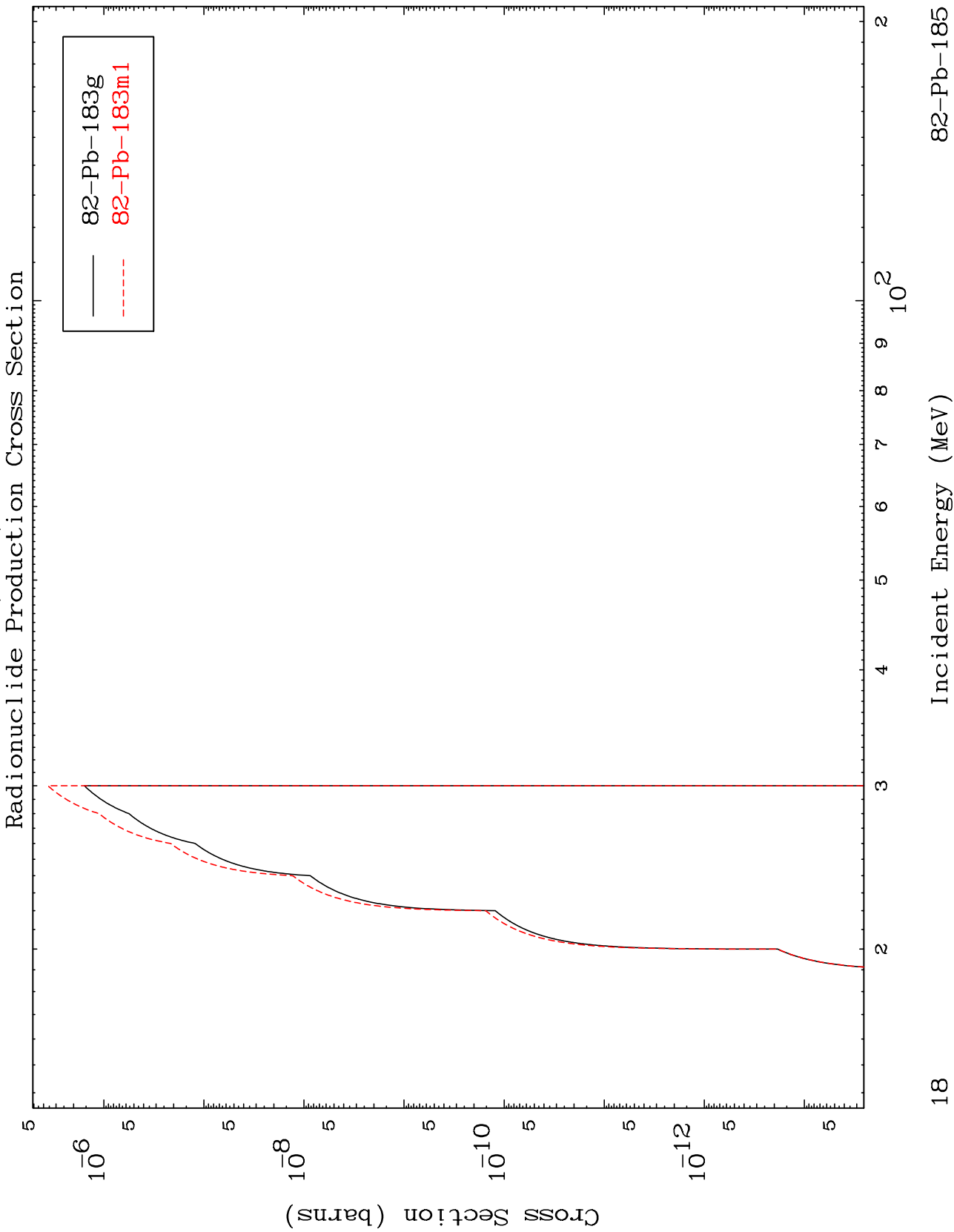
82-Pb-185



MAT 8168

(n,n') t

82-Pb-185



18

82-Pb-185

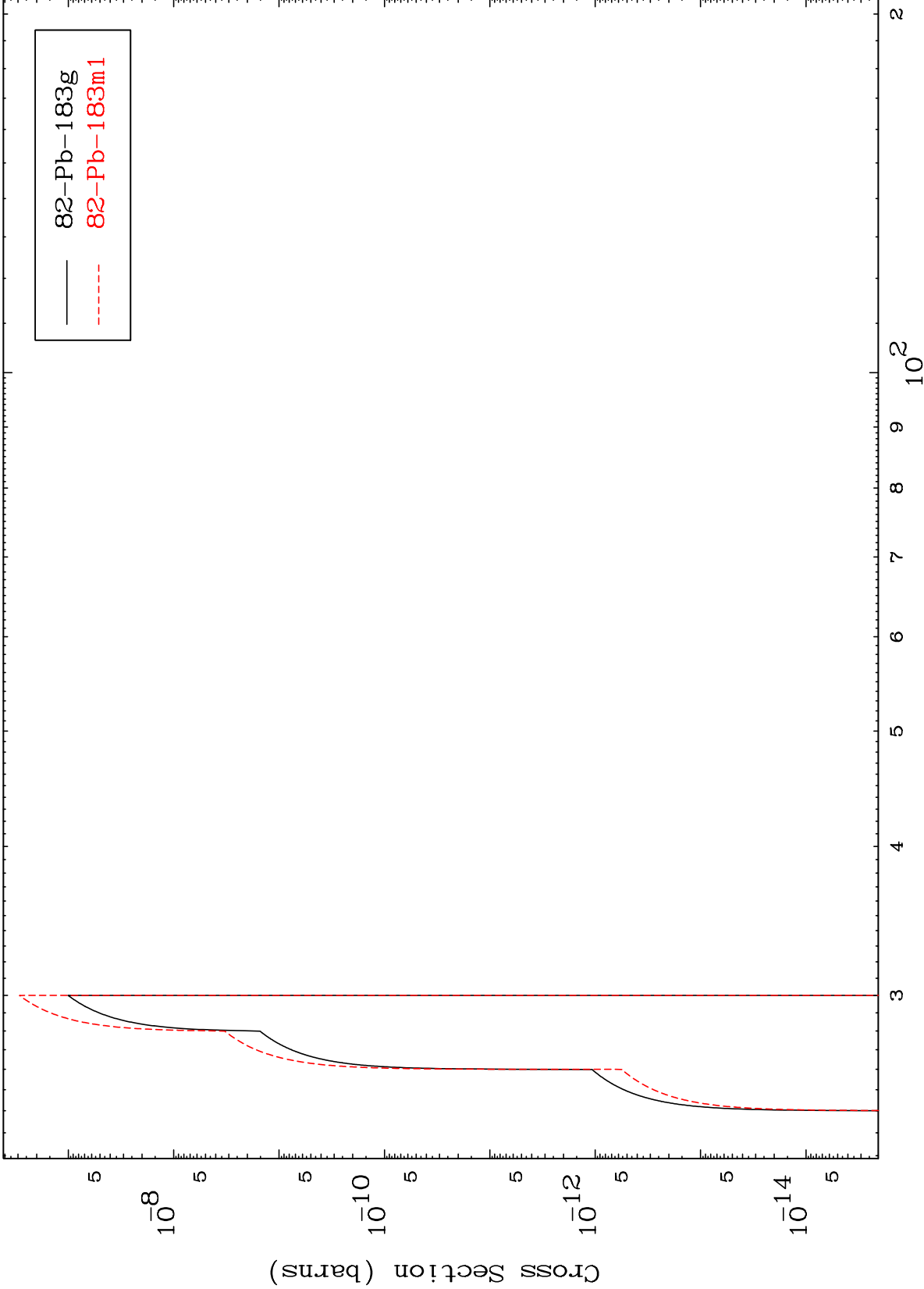
82-Pb-185

MAT 8168

(n,3n) p

82-Pb-185

Radionuclide Production Cross Section



82-Pb-183g  
82-Pb-183m1

19

Incident Energy (MeV)

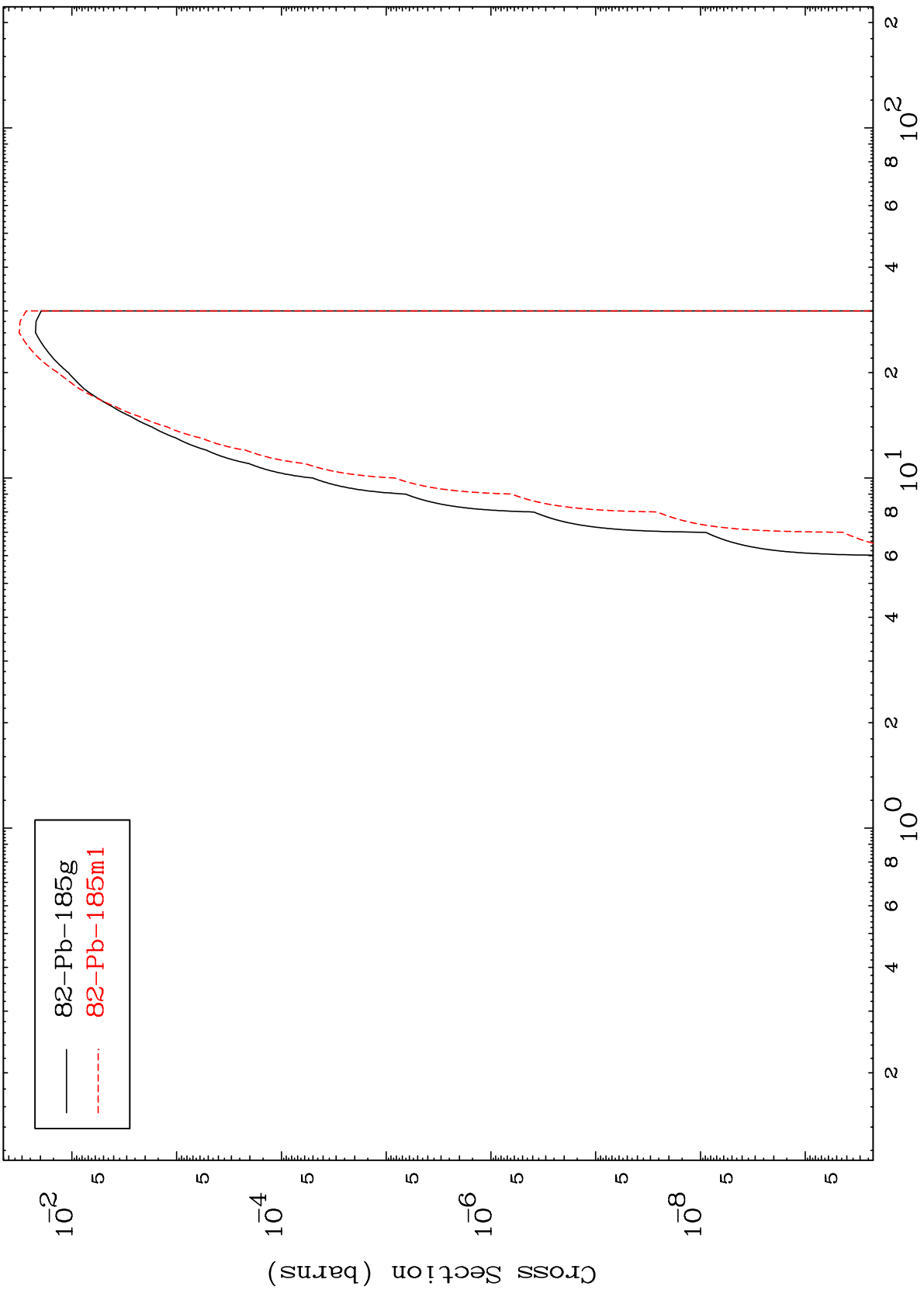
82-Pb-185

MAT 8168

(n, d)

82-Pb-185

Radionuclide Production Cross Section



MAT 8168

(n,2p)

82-Pb-185

Radionuclide Production Cross Section

