

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

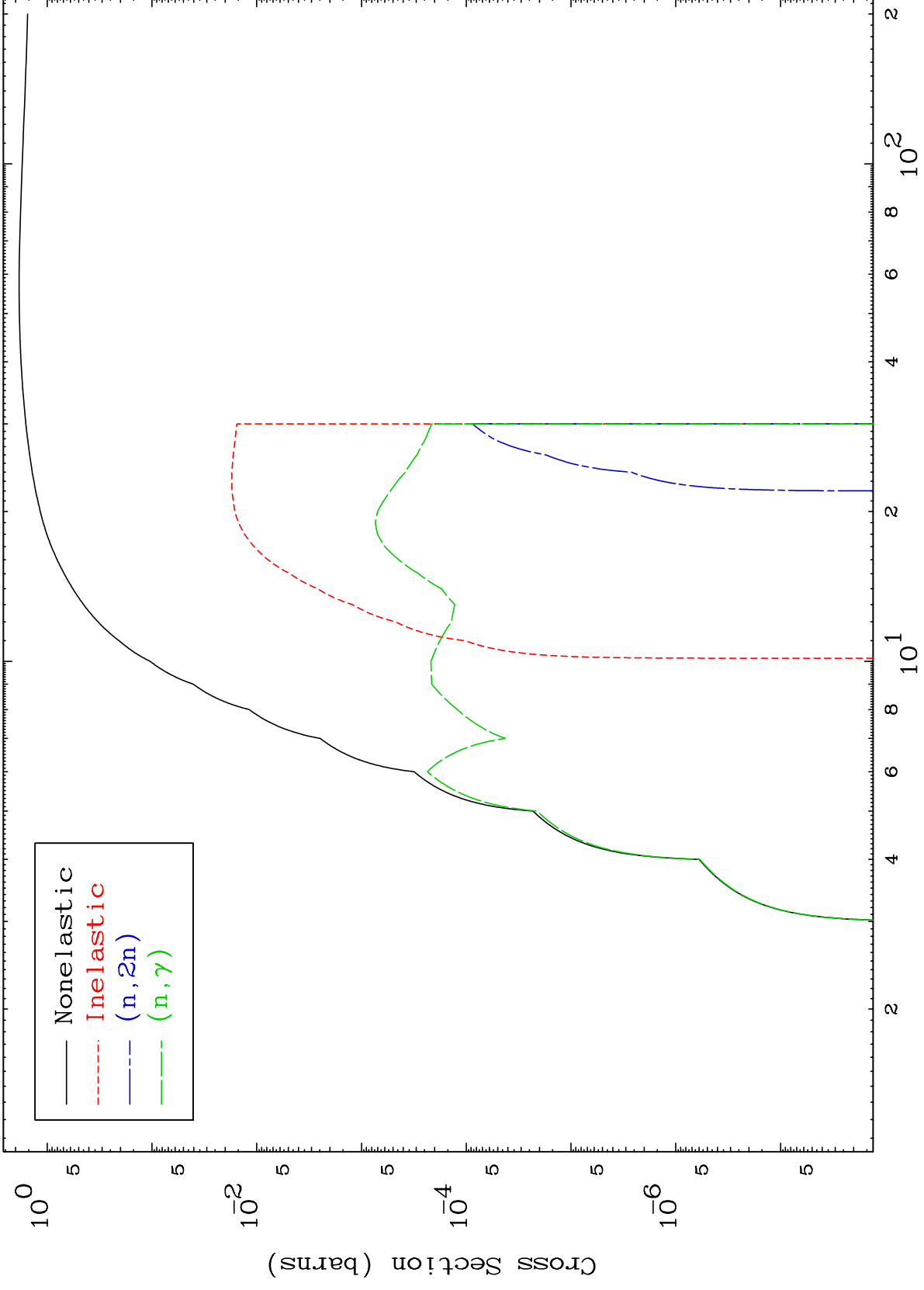
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E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

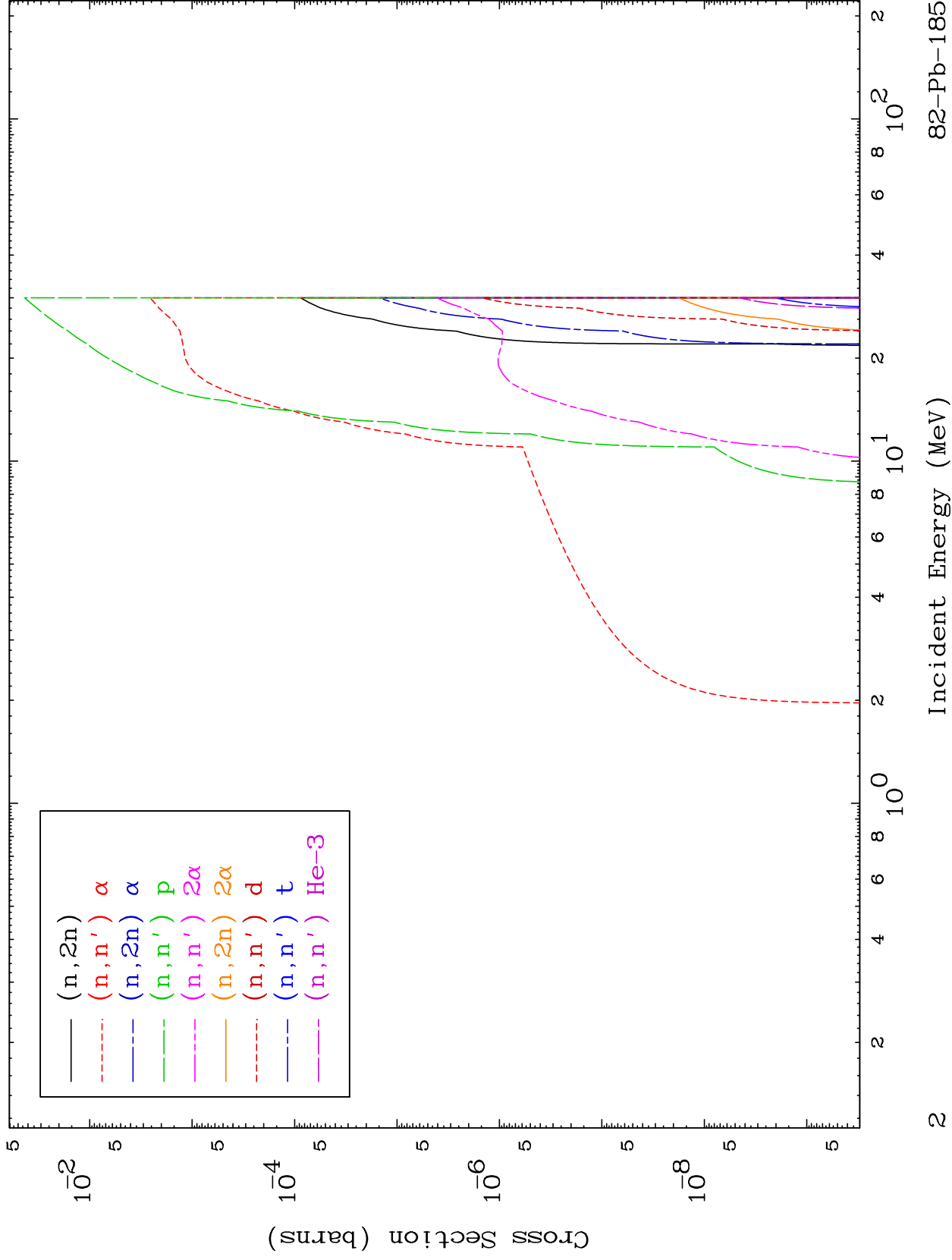
Press Mouse Button to Start



MAT 8168

Proton Neutron Absorption
0 Kelvin Cross Sections

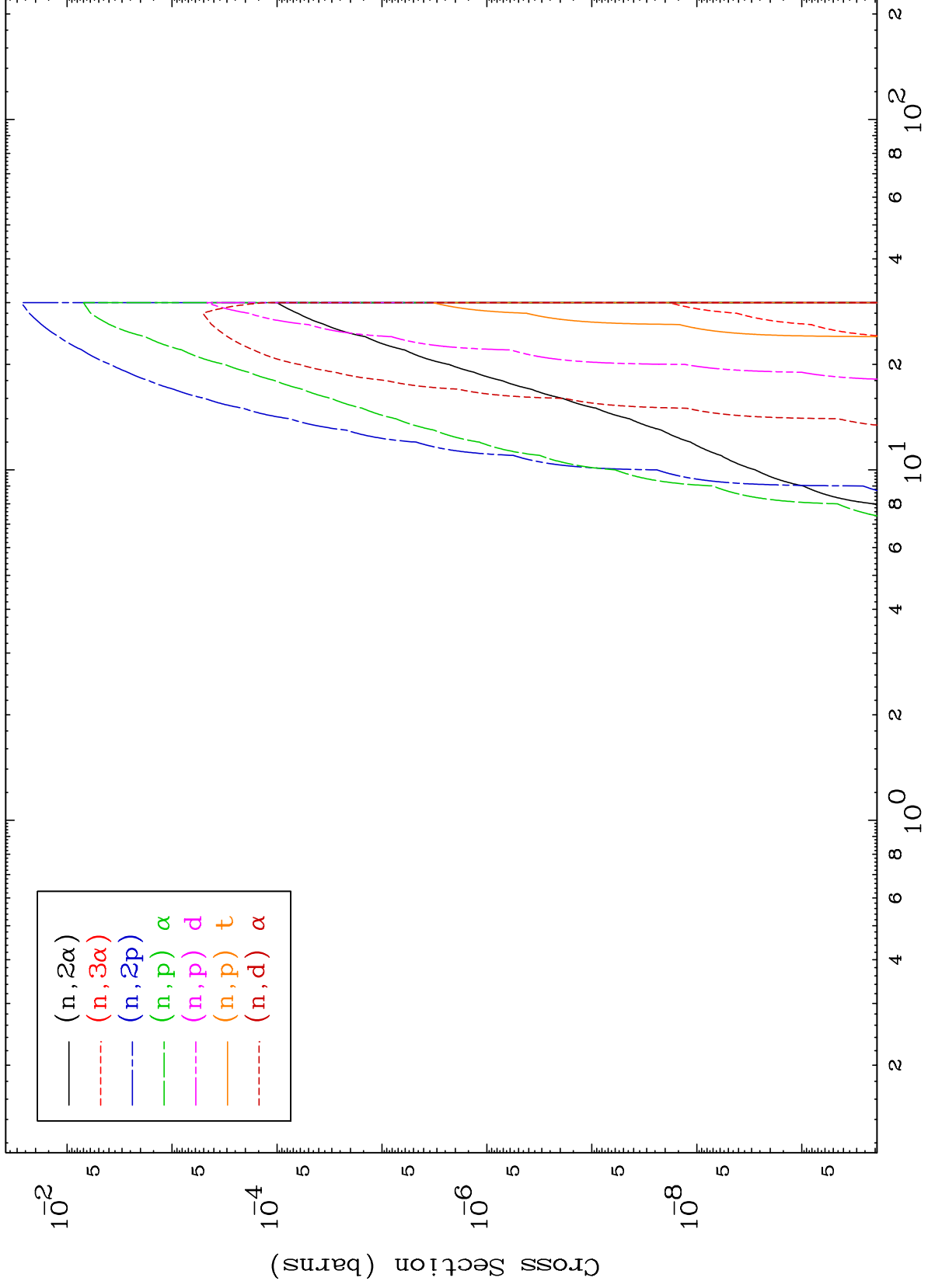
82-Pb-185

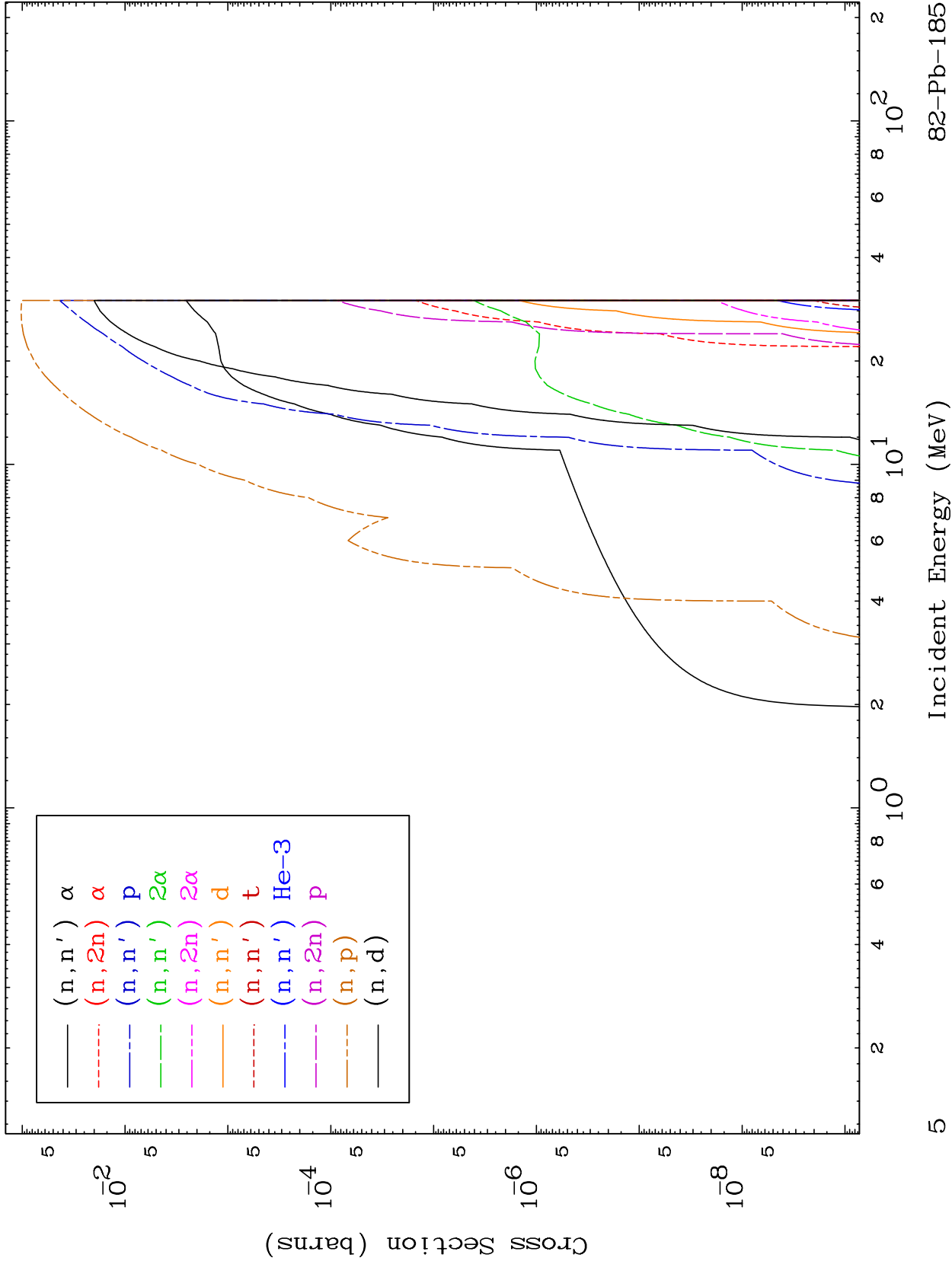


MAT 8168

Proton Neutron Absorption
0 Kelvin Cross Sections

82-Pb-185

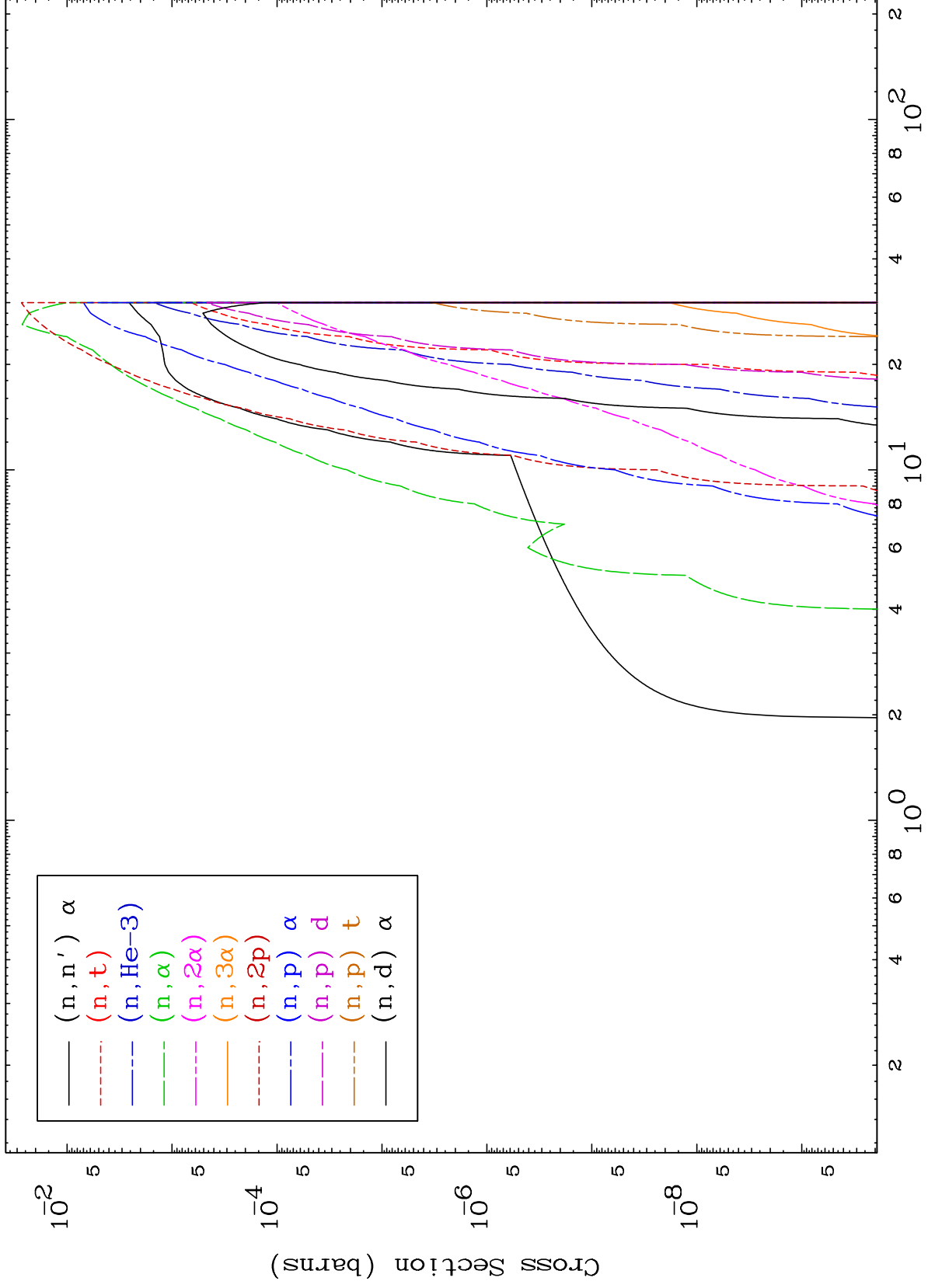




MAT 8168

Proton Charged Particle
0 Kelvin Cross Sections

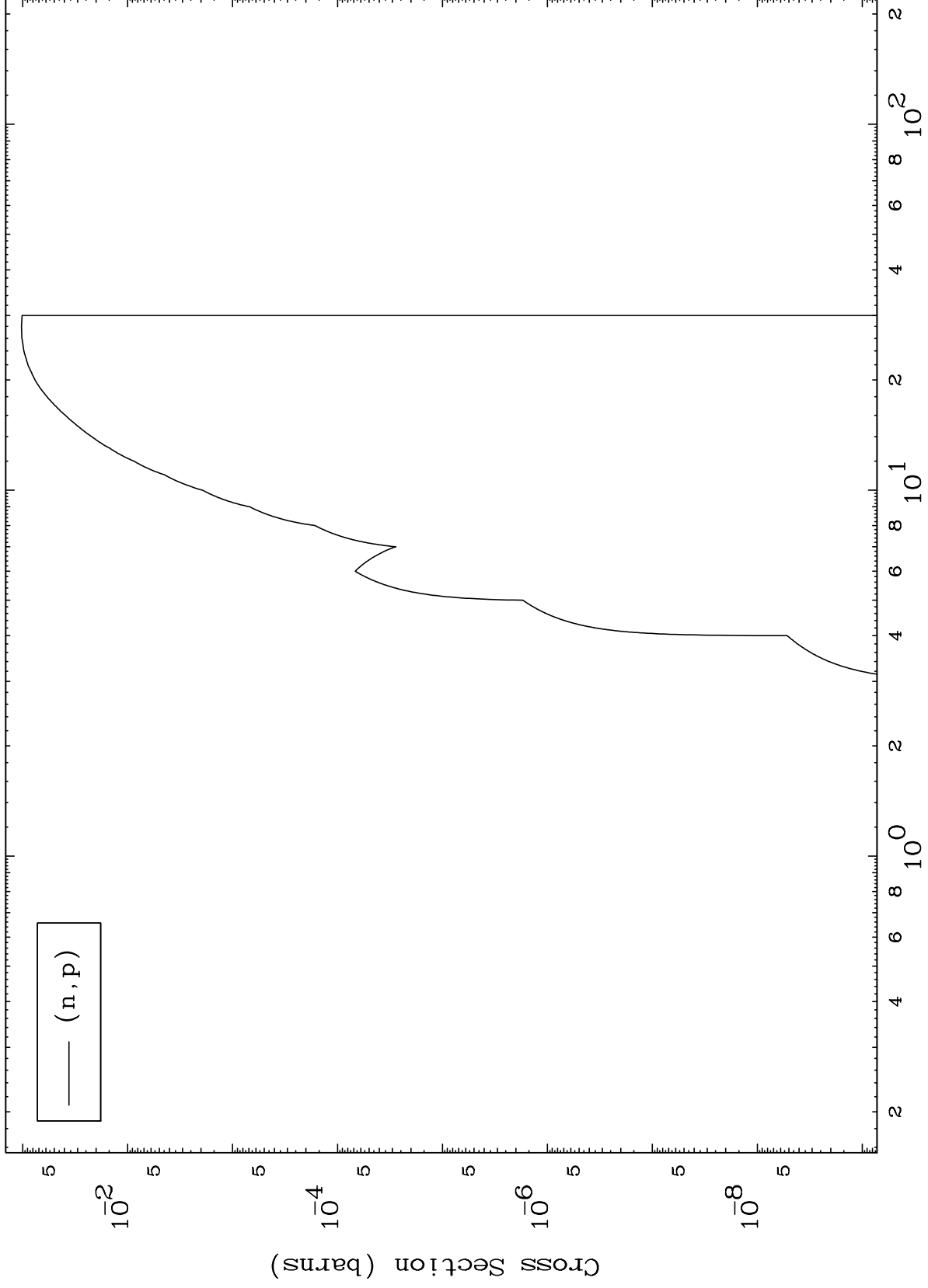
82-Pb-185



MAT 8168

(p,p) Levels
0 Kelvin Cross Sections

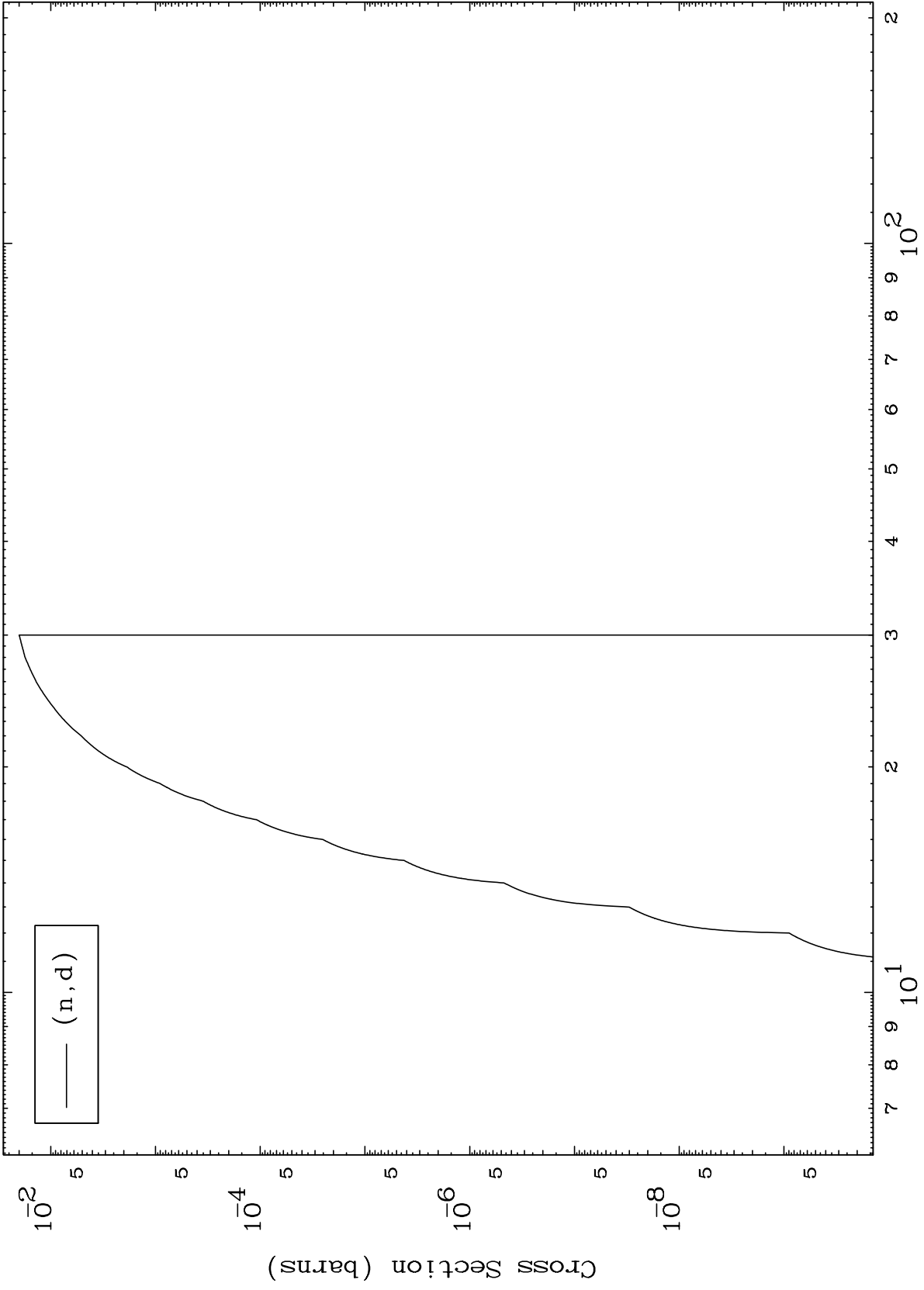
82-Pb-185



MAT 8168

(p,d) Levels
0 Kelvin Cross Sections

82-Pb-185



8

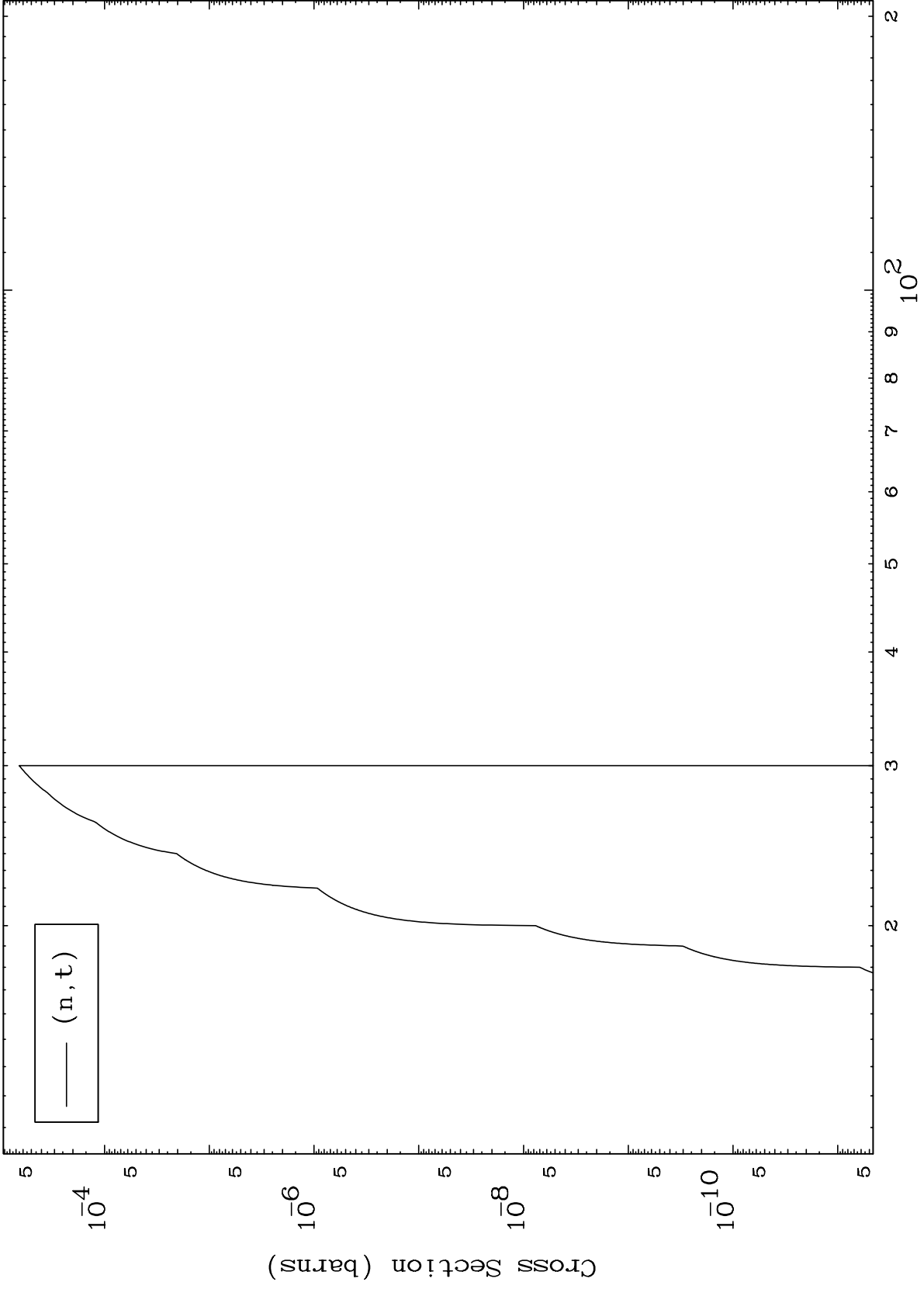
Incident Energy (MeV)

82-Pb-185

MAT 8168

(p,t) Levels
0 Kelvin Cross Sections

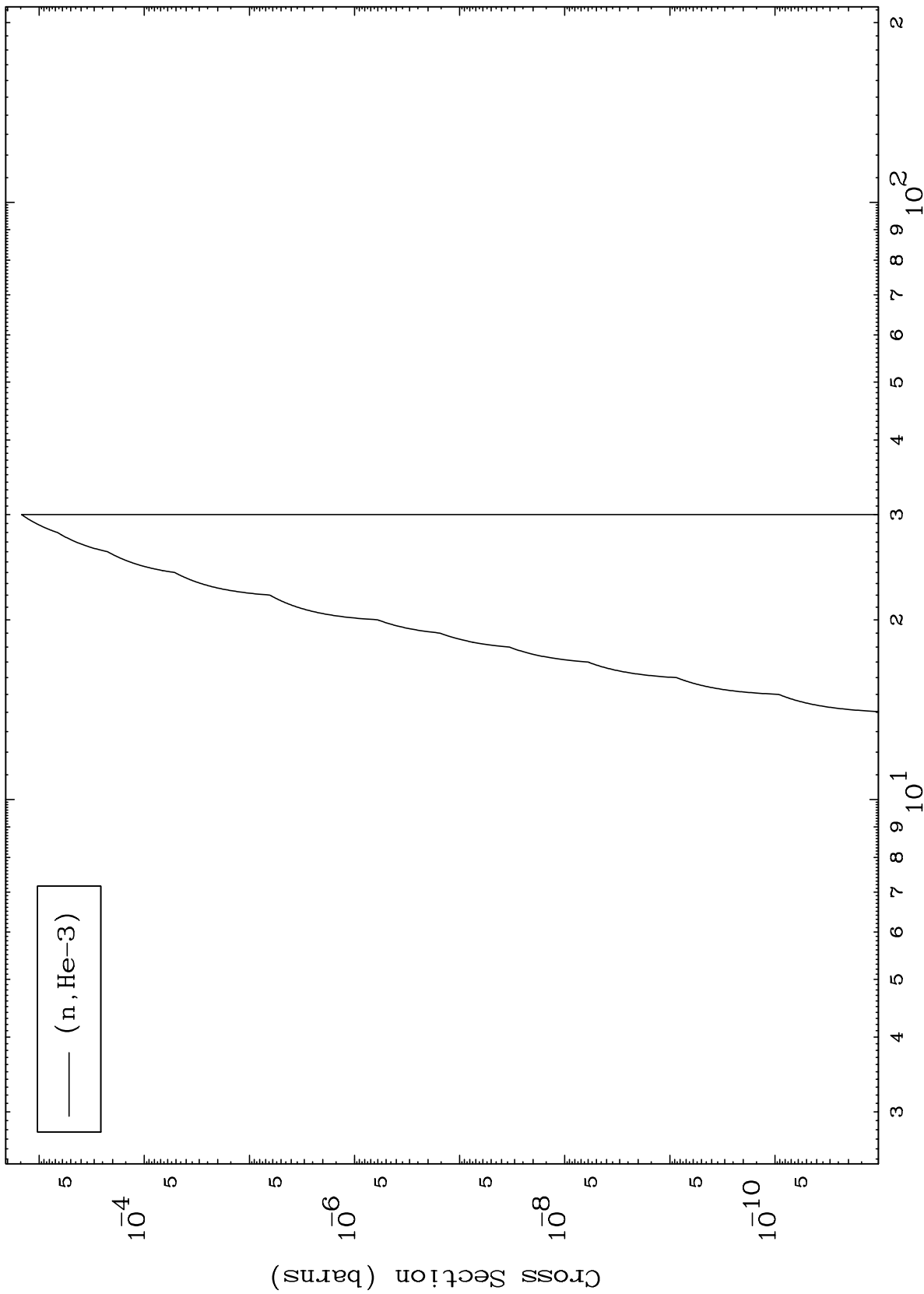
82-Pb-185



MAT 8168

82-Pb-185

(p,He3) Levels
0 Kelvin Cross Sections



82-Pb-185

Incident Energy (MeV)

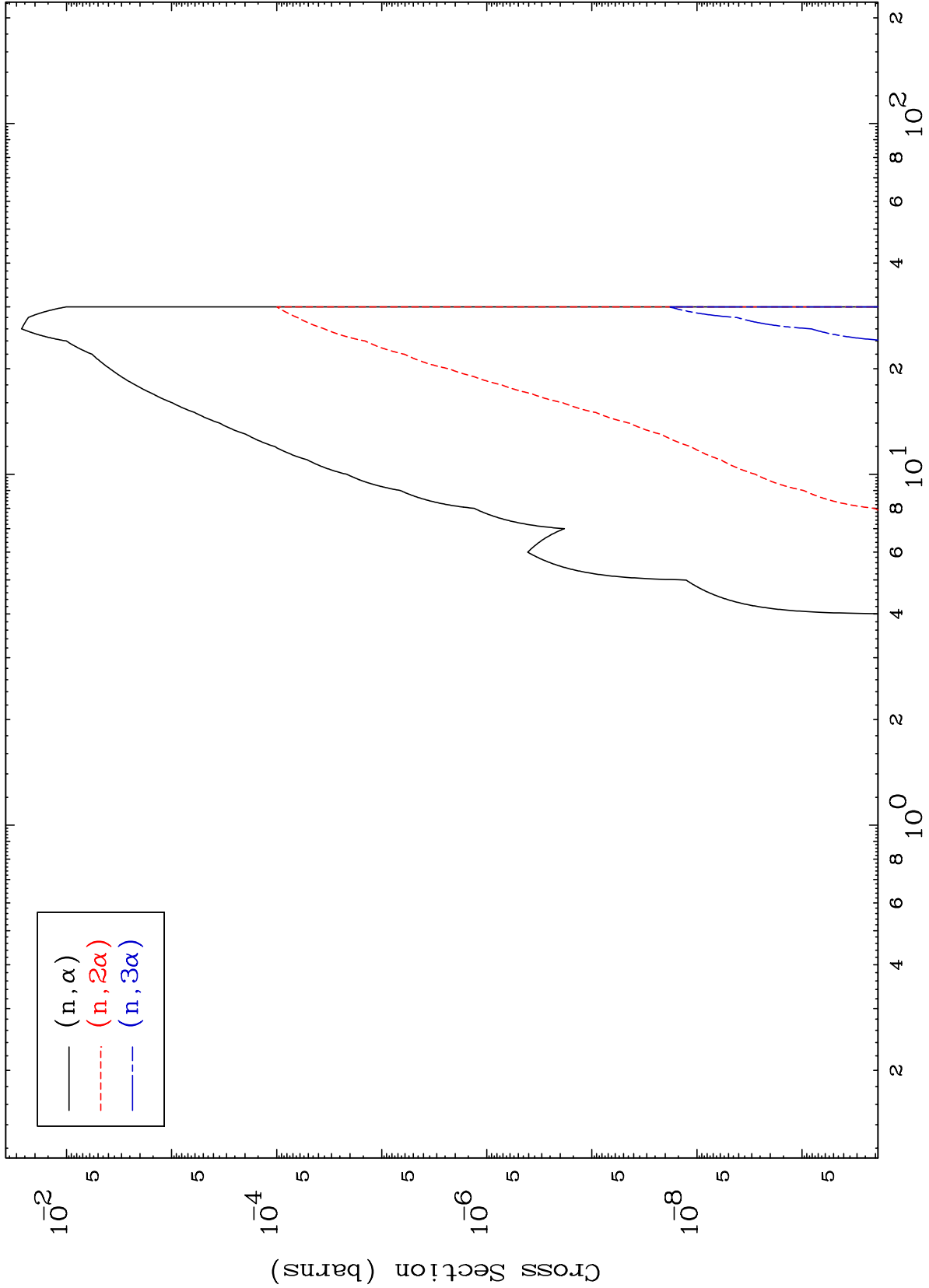
10

MAT 8168

(p, α) Levels

82-Pb-185

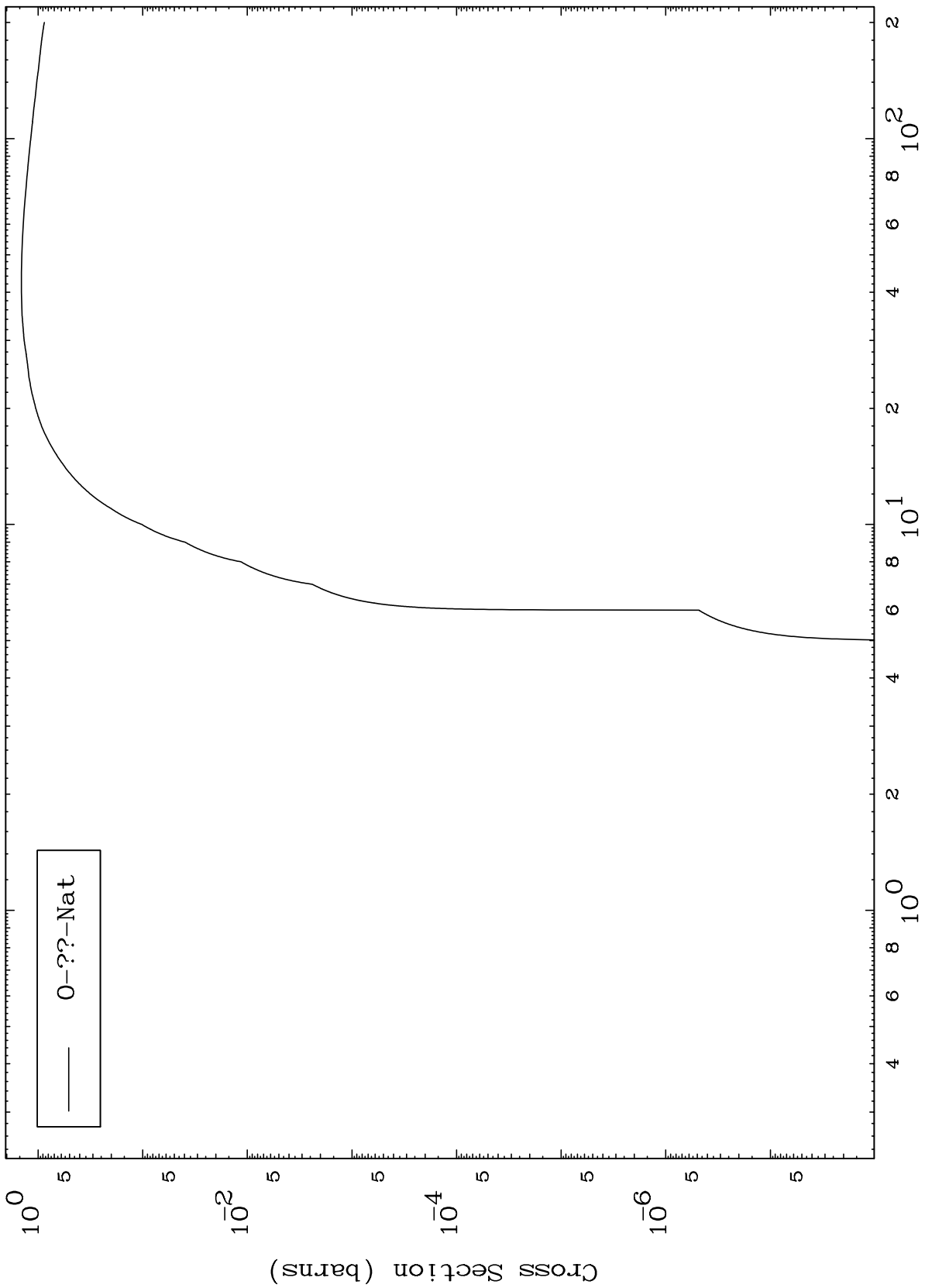
0 Kelvin Cross Sections



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82-Pb-185

Fission
Radionuclide Production Cross Section



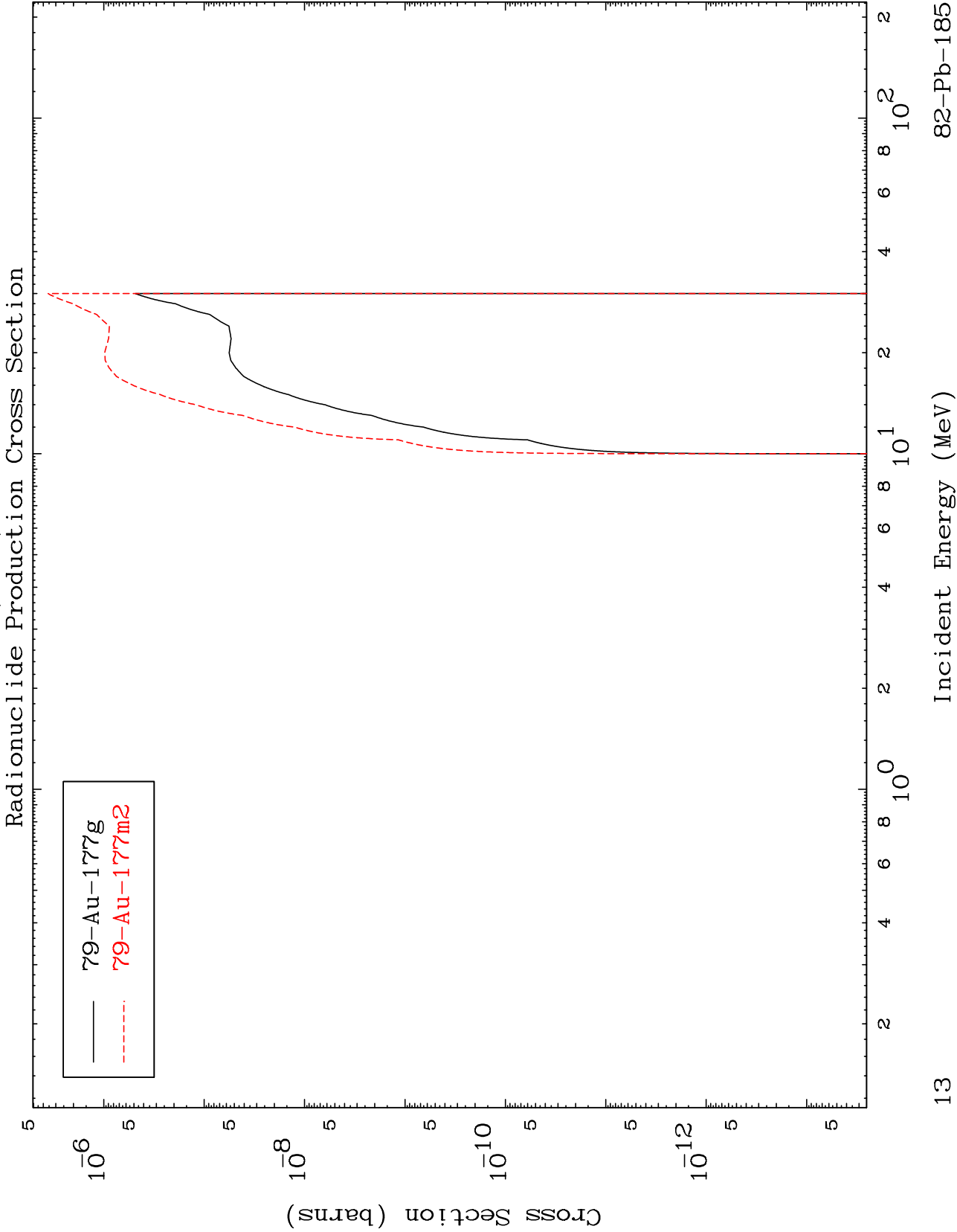
82-Pb-185

Incident Energy (MeV)

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(n,n') 2α

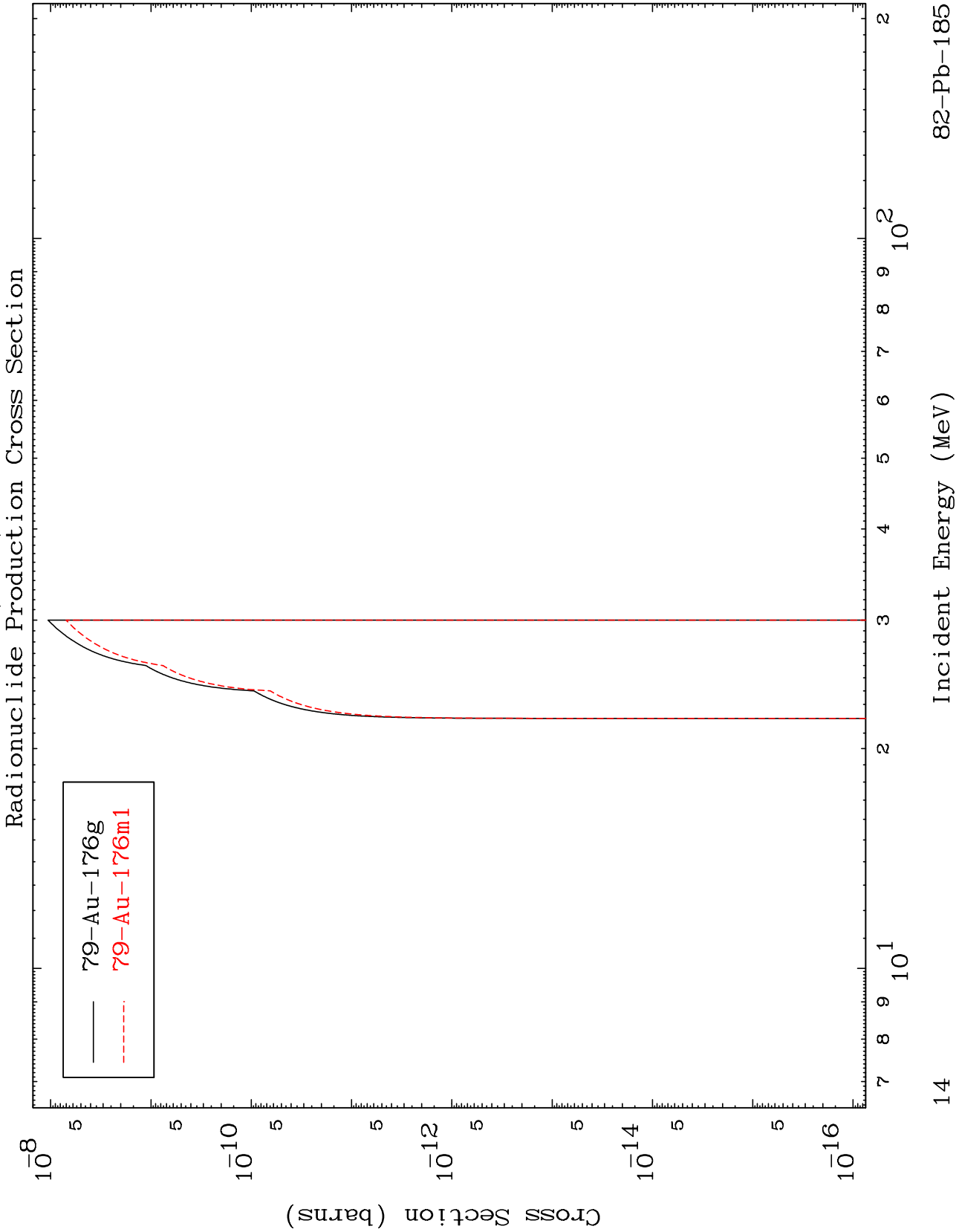
82-Pb-185



MAT 8168

$(n,2n) 2\alpha$

82-Pb-185



79-Au-176g
79-Au-176m1

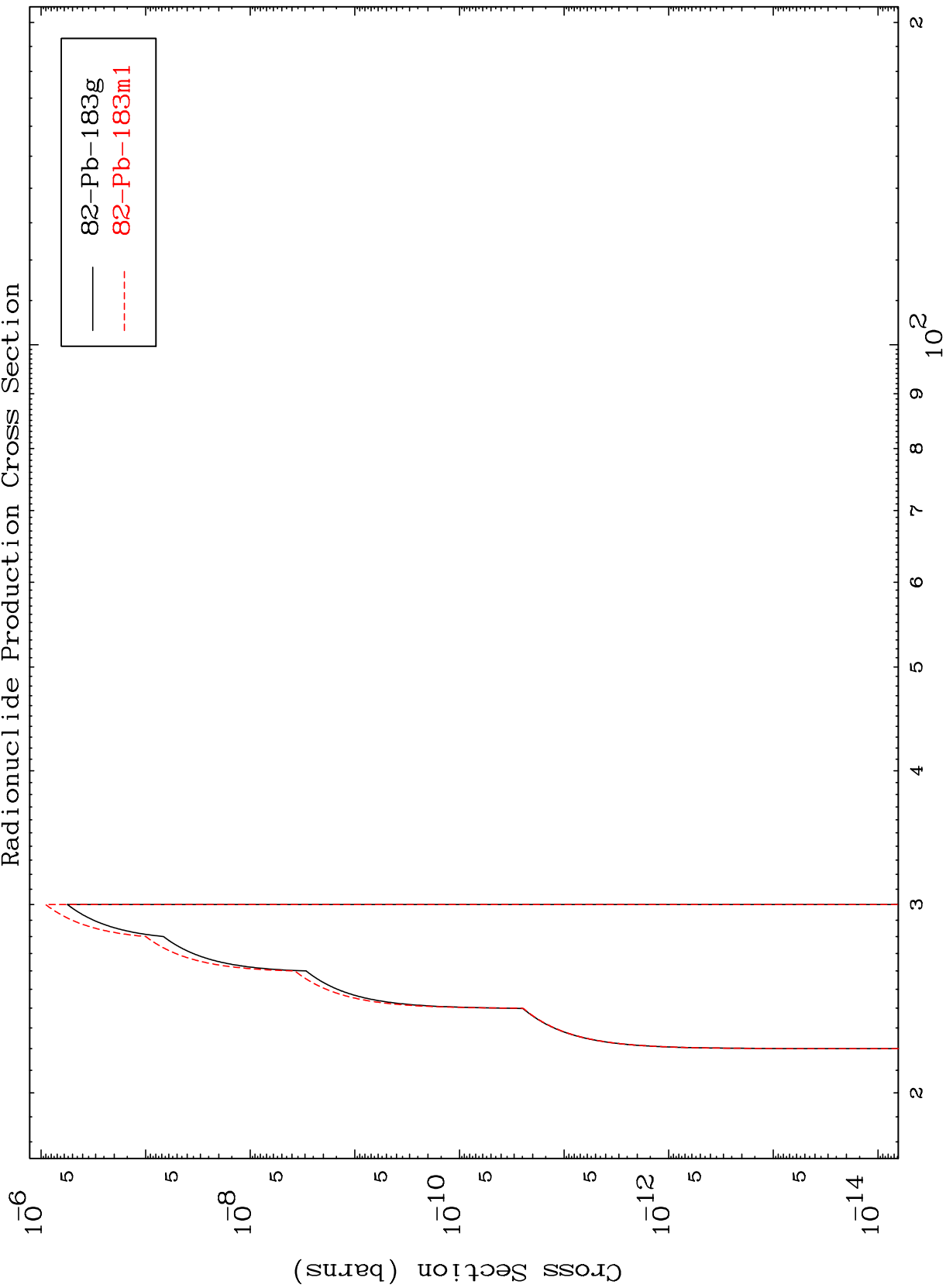
14

MAT 8168

(n,n') d

82-Pb-185

Radionuclide Production Cross Section



15

Incident Energy (MeV)

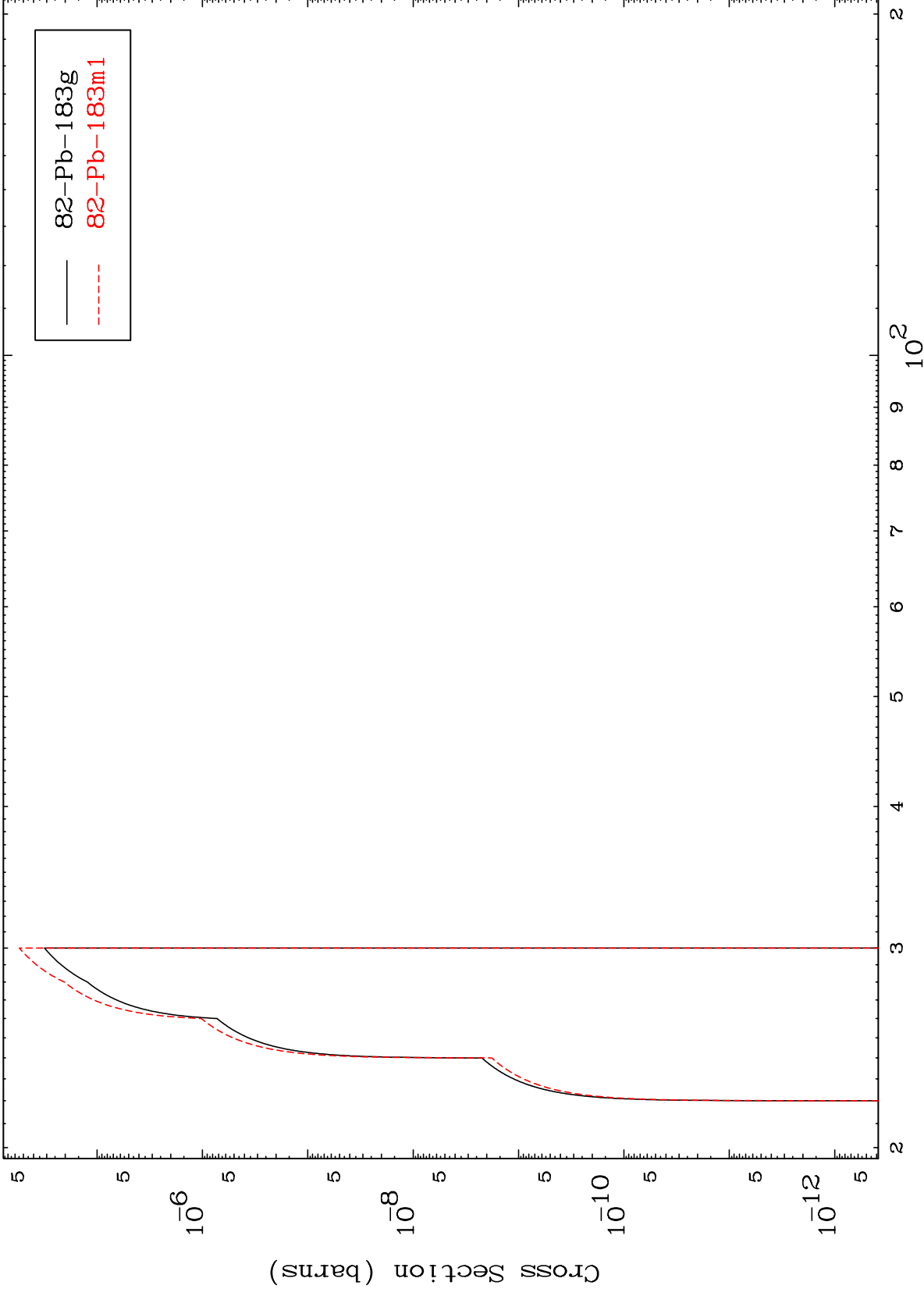
82-Pb-185

MAT 8168

(n,2n) p

82-Pb-185

Radionuclide Production Cross Section



16

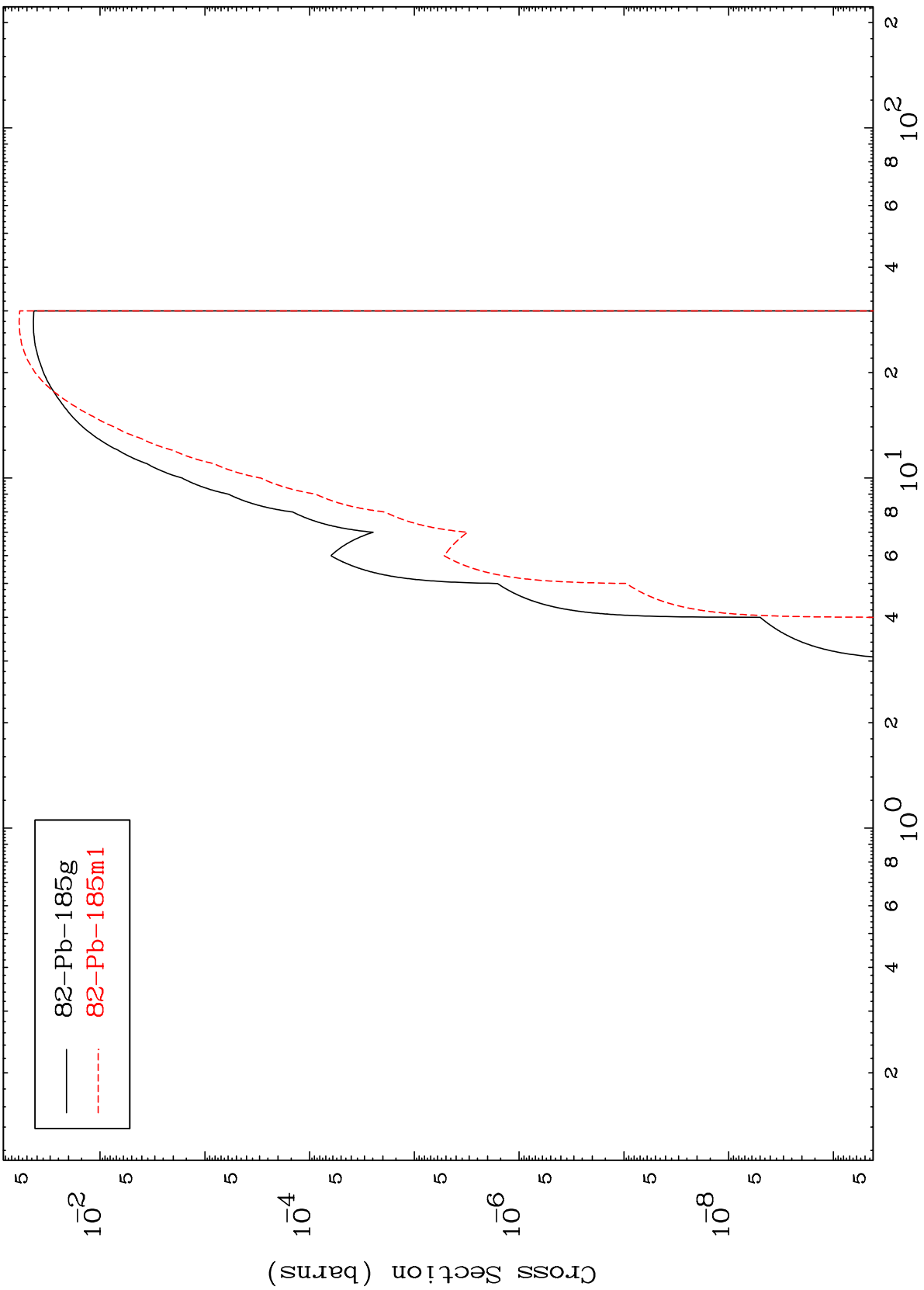
Incident Energy (MeV)

82-Pb-185

MAT 8168

82-Pb-185

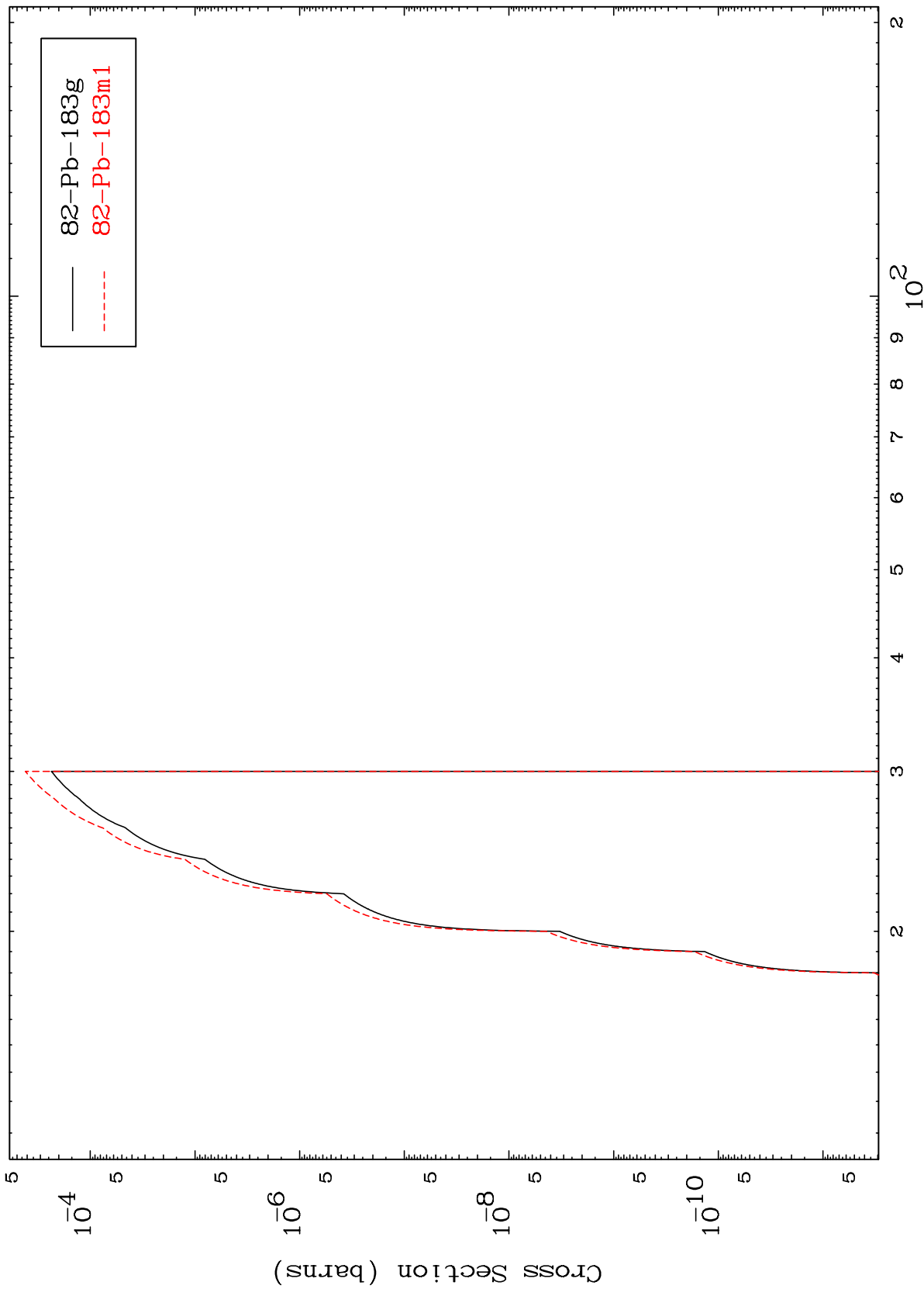
(n,p)
Radionuclide Production Cross Section



MAT 8168

82-Pb-185

(n, t)
Radionuclide Production Cross Section



18

Incident Energy (MeV)

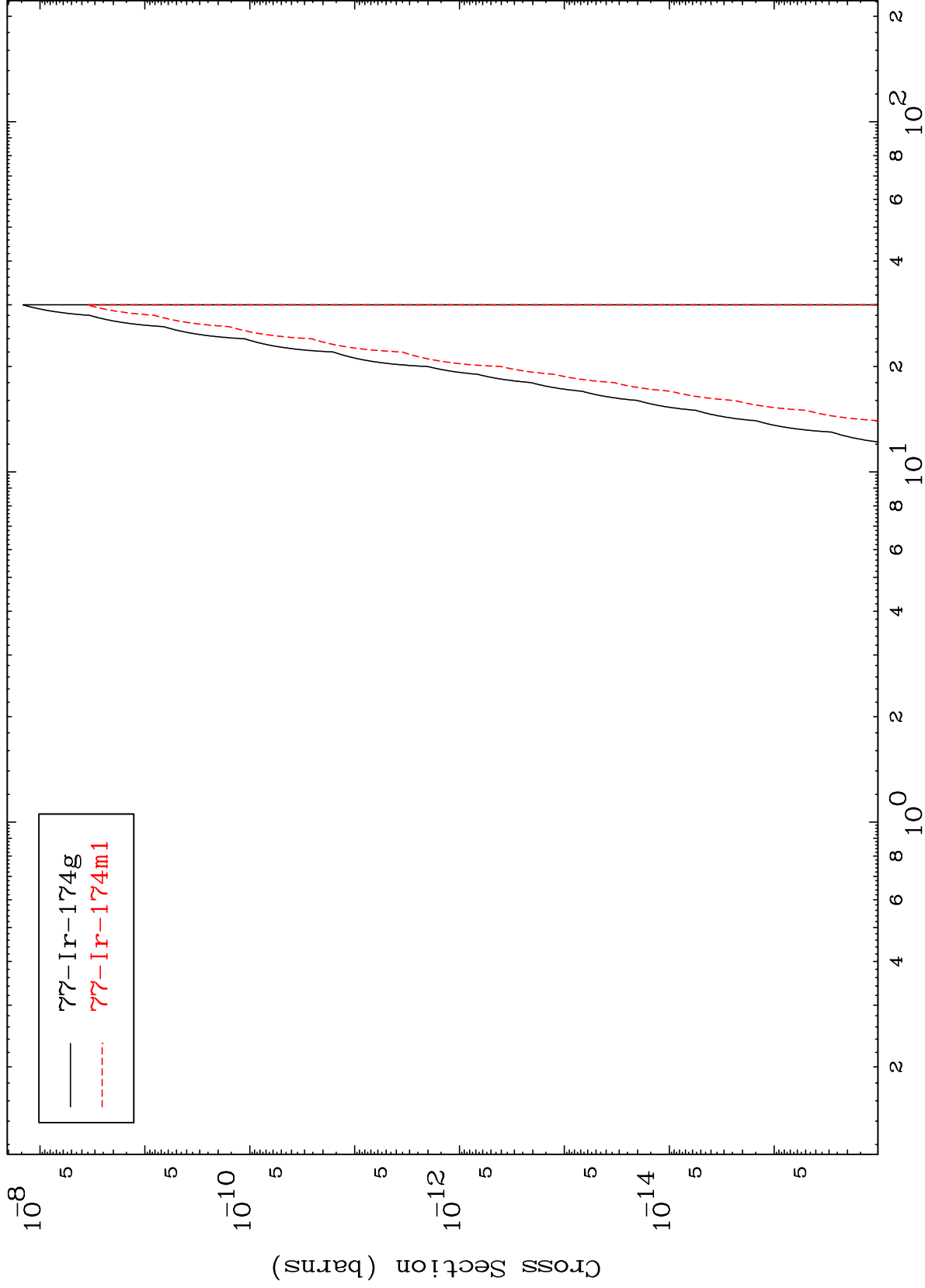
82-Pb-185

MAT 8168

(n, 3α)

82-Pb-185

Radionuclide Production Cross Section



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

19

Incident Energy (MeV)

82-Pb-185