

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)

Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

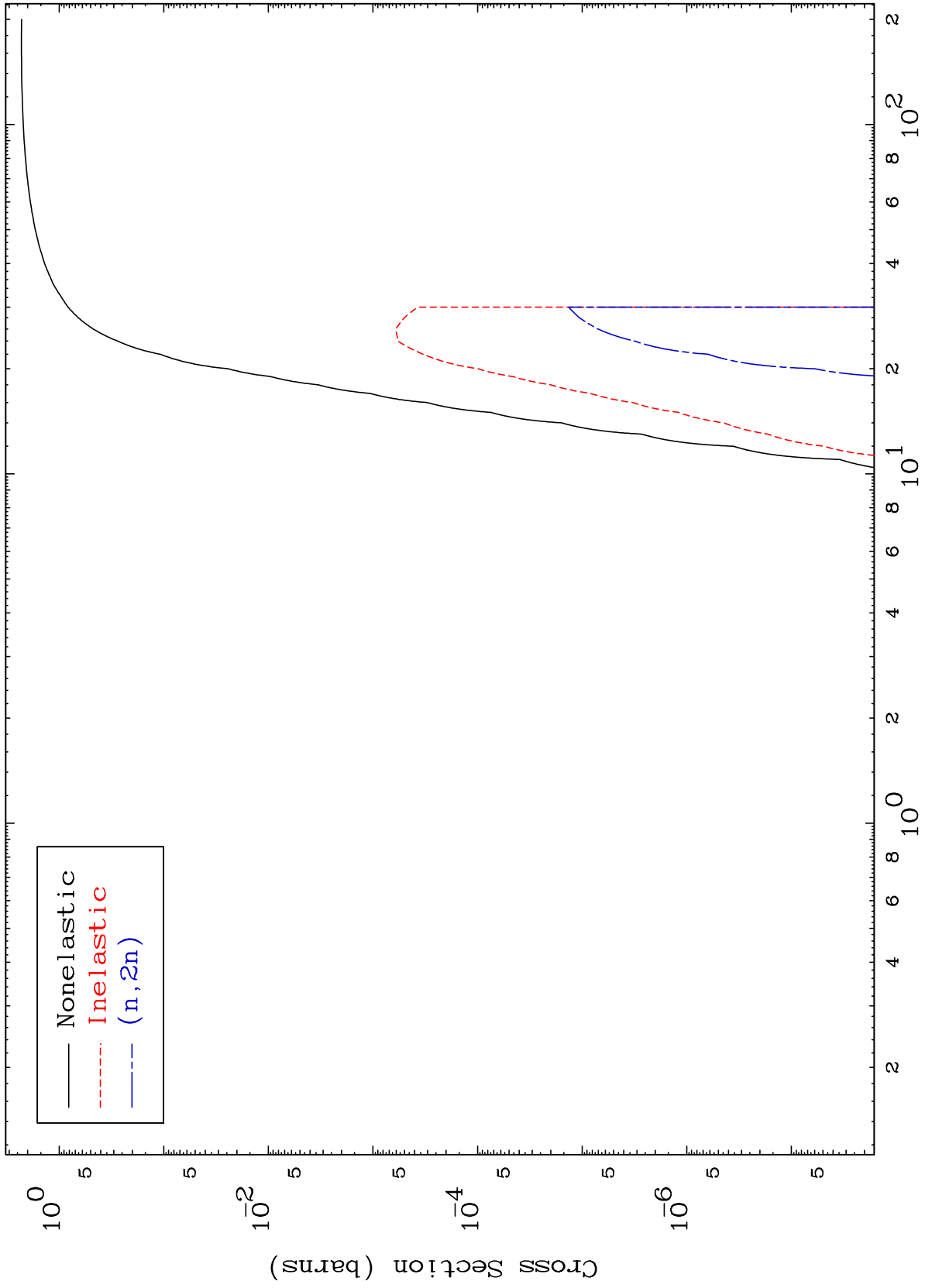
Press Mouse Button to Start

MAT 8169

He-3 Major

82-Pb-185m

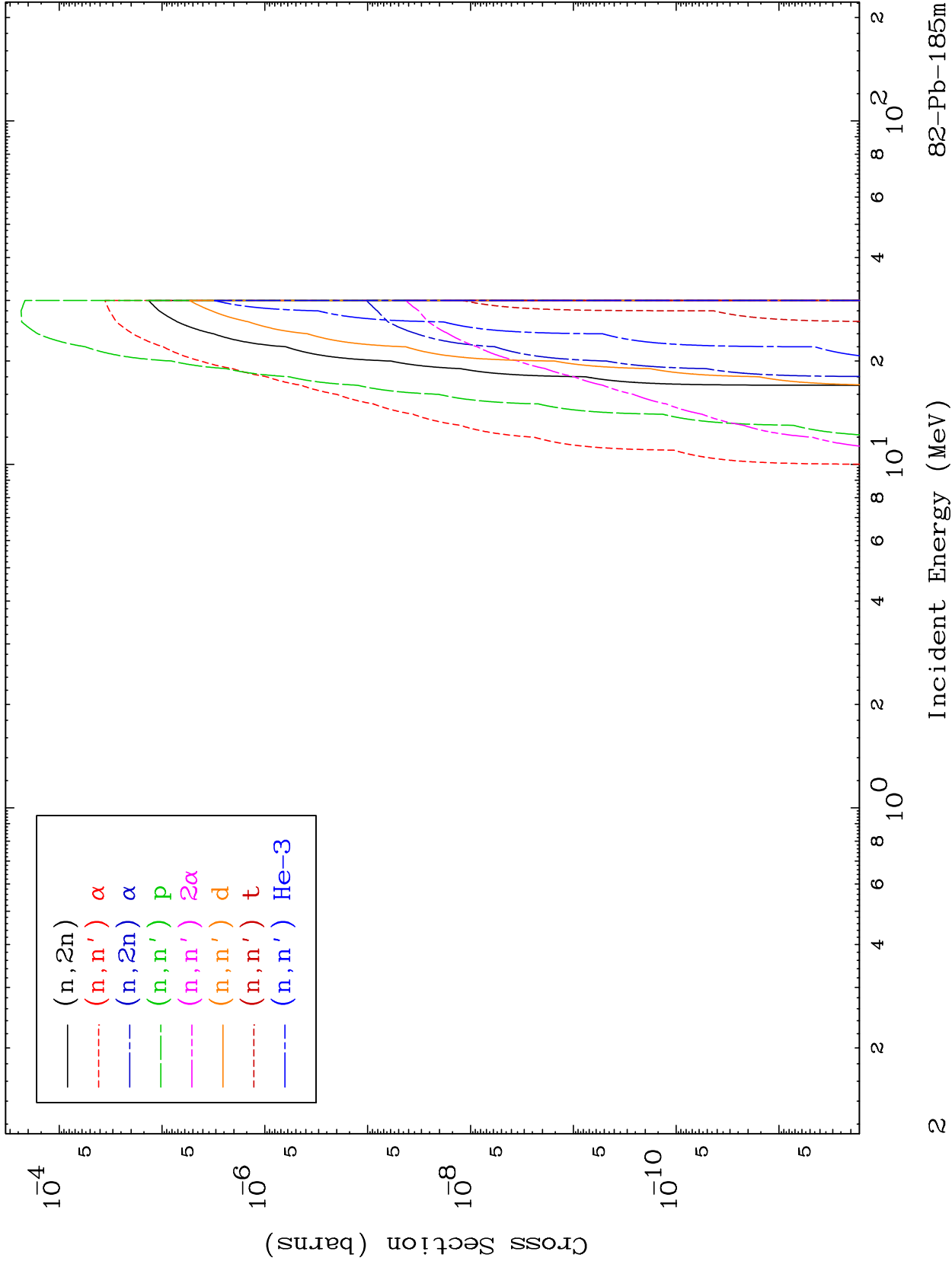
0 Kelvin Cross Sections



MAT 8169

He-3 Neutron Absorption  
0 Kelvin Cross Sections

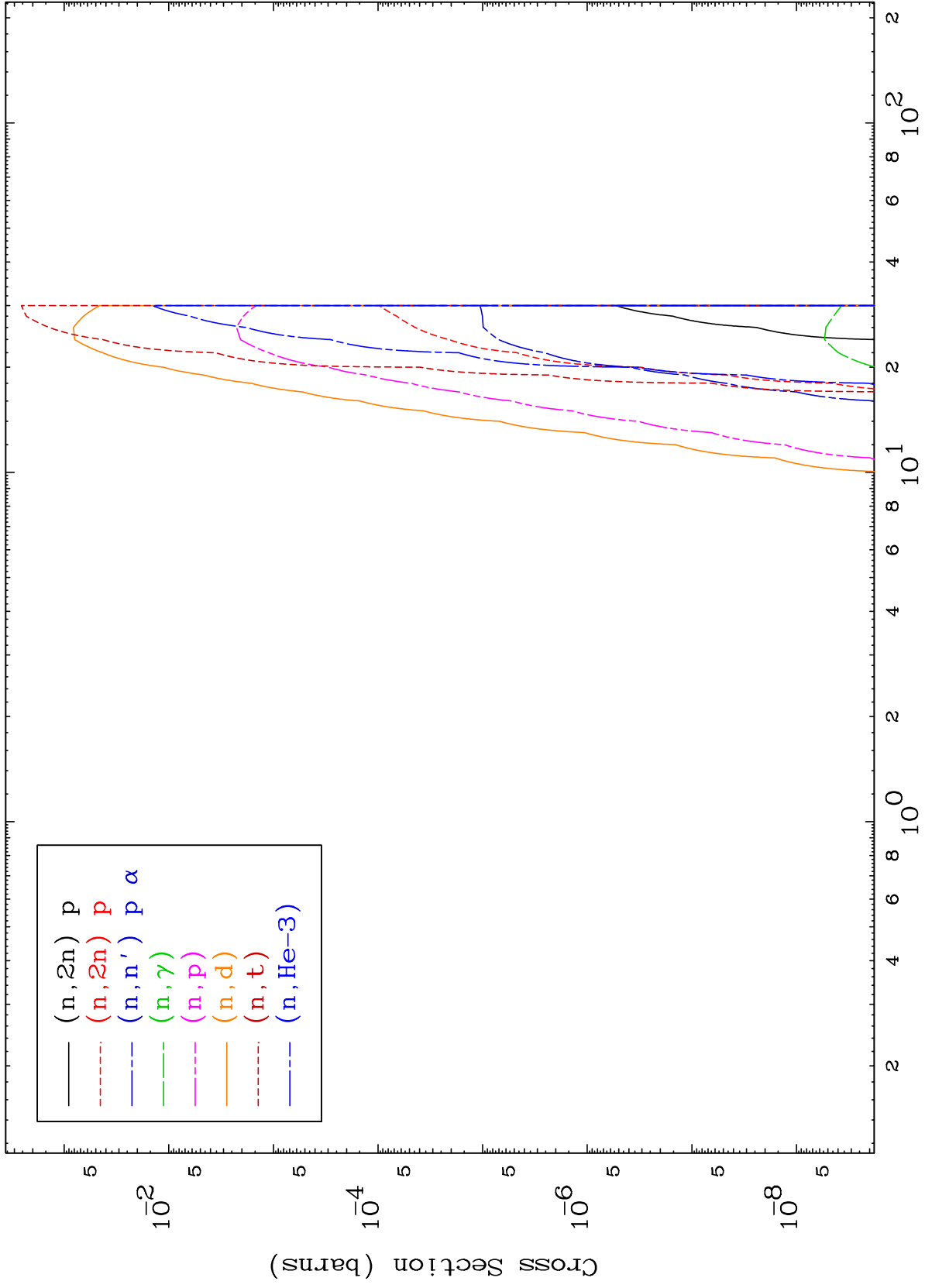
82-Pb-185m



MAT 8169

He-3 Neutron Absorption  
0 Kelvin Cross Sections

82-Pb-185m



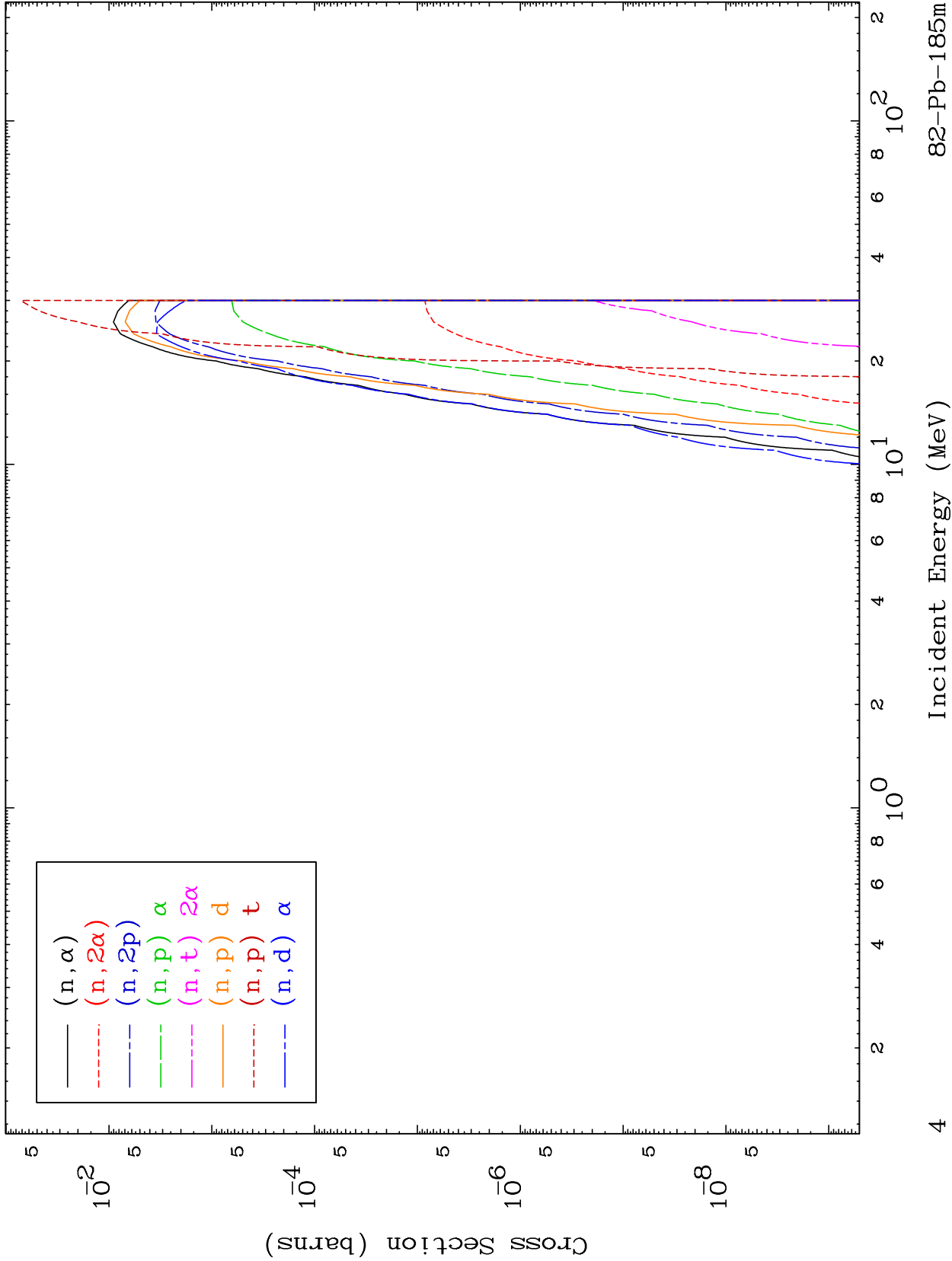
82-Pb-185m

Incident Energy (MeV)

MAT 8169

He-3 Neutron Absorption  
0 Kelvin Cross Sections

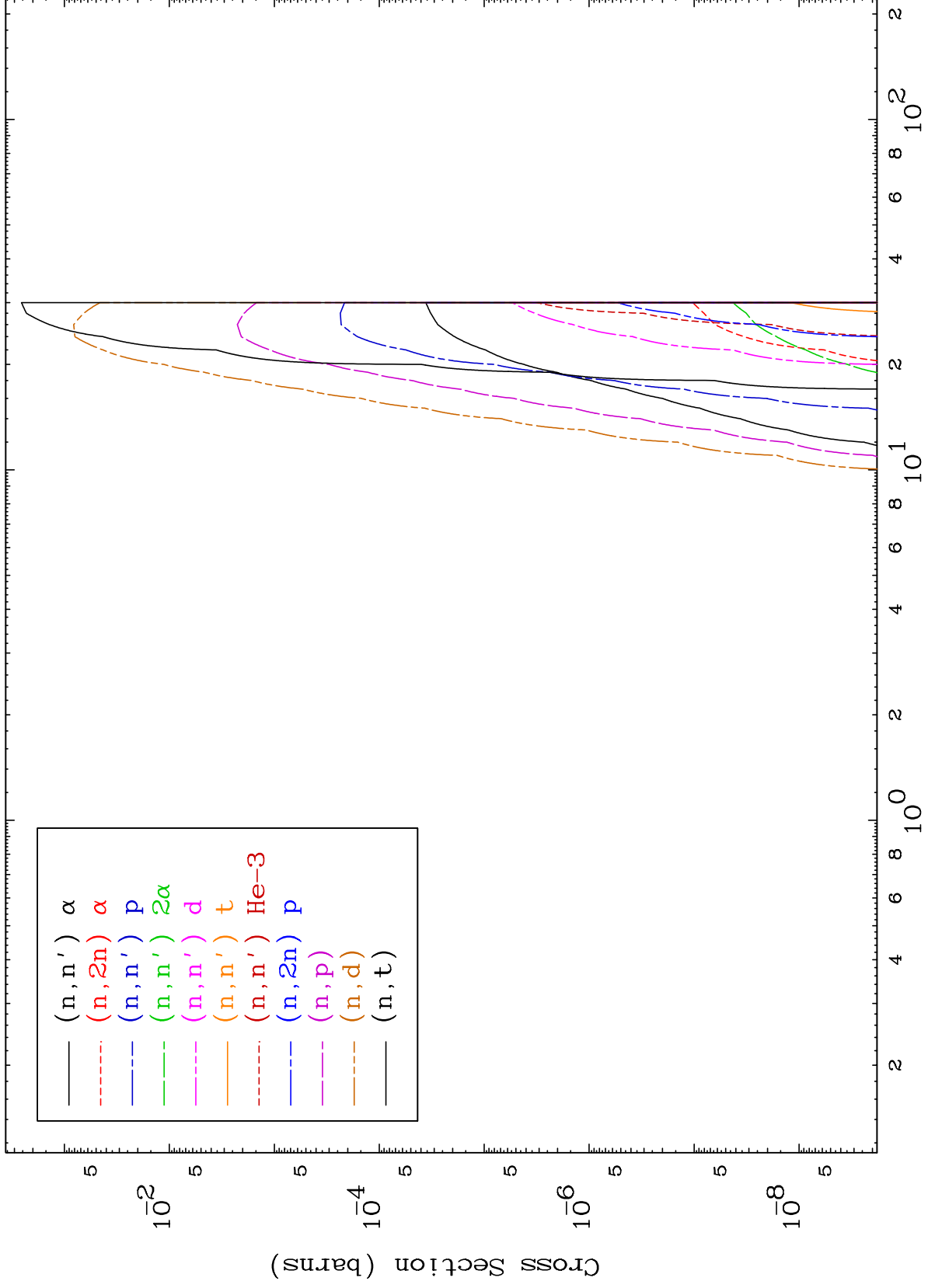
82-Pb-185m



MAT 8169

He-3 Charged Particle  
0 Kelvin Cross Sections

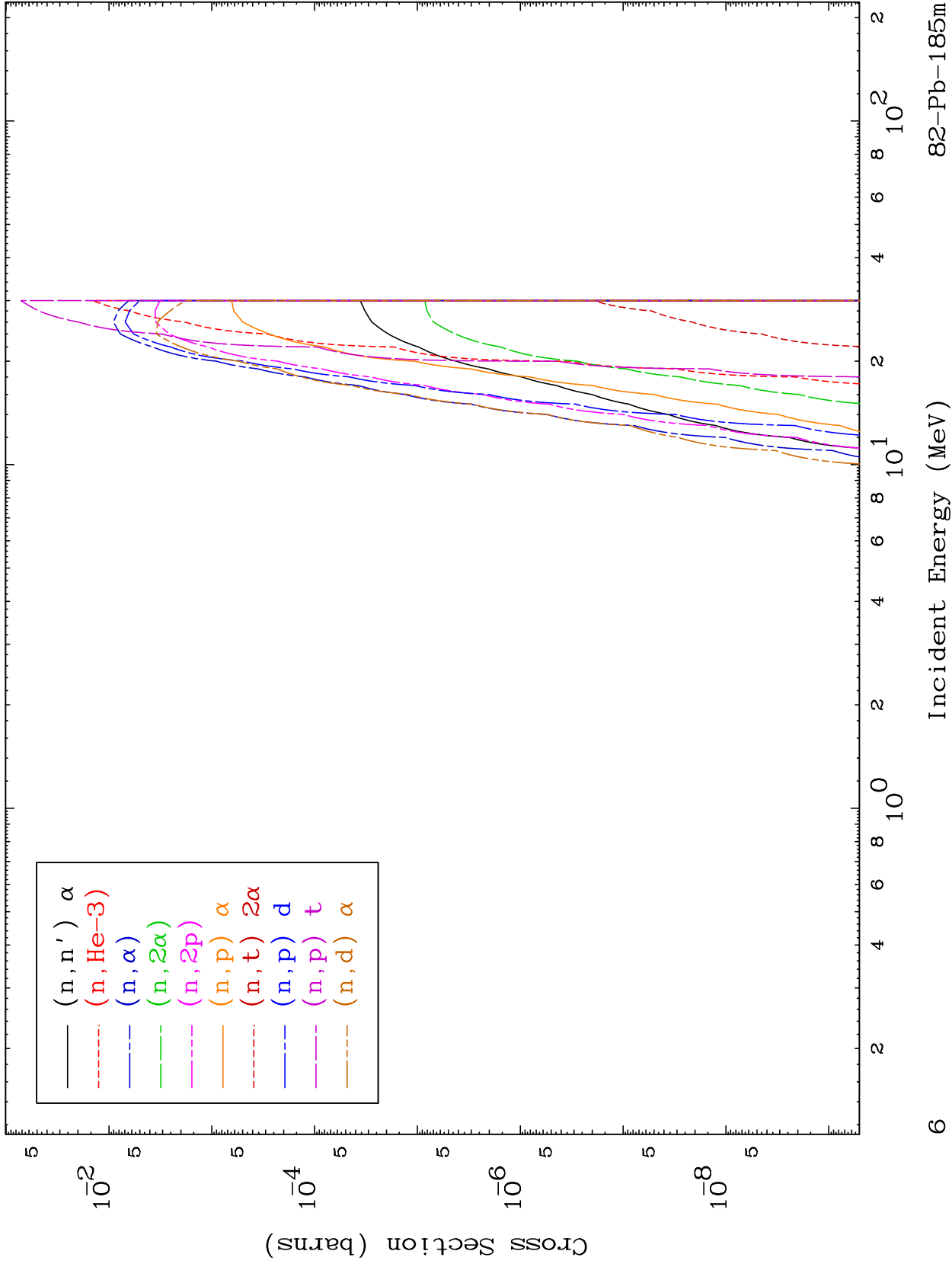
82-Pb-185m



MAT 8169

He-3 Charged Particle  
0 Kelvin Cross Sections

82-Pb-185m

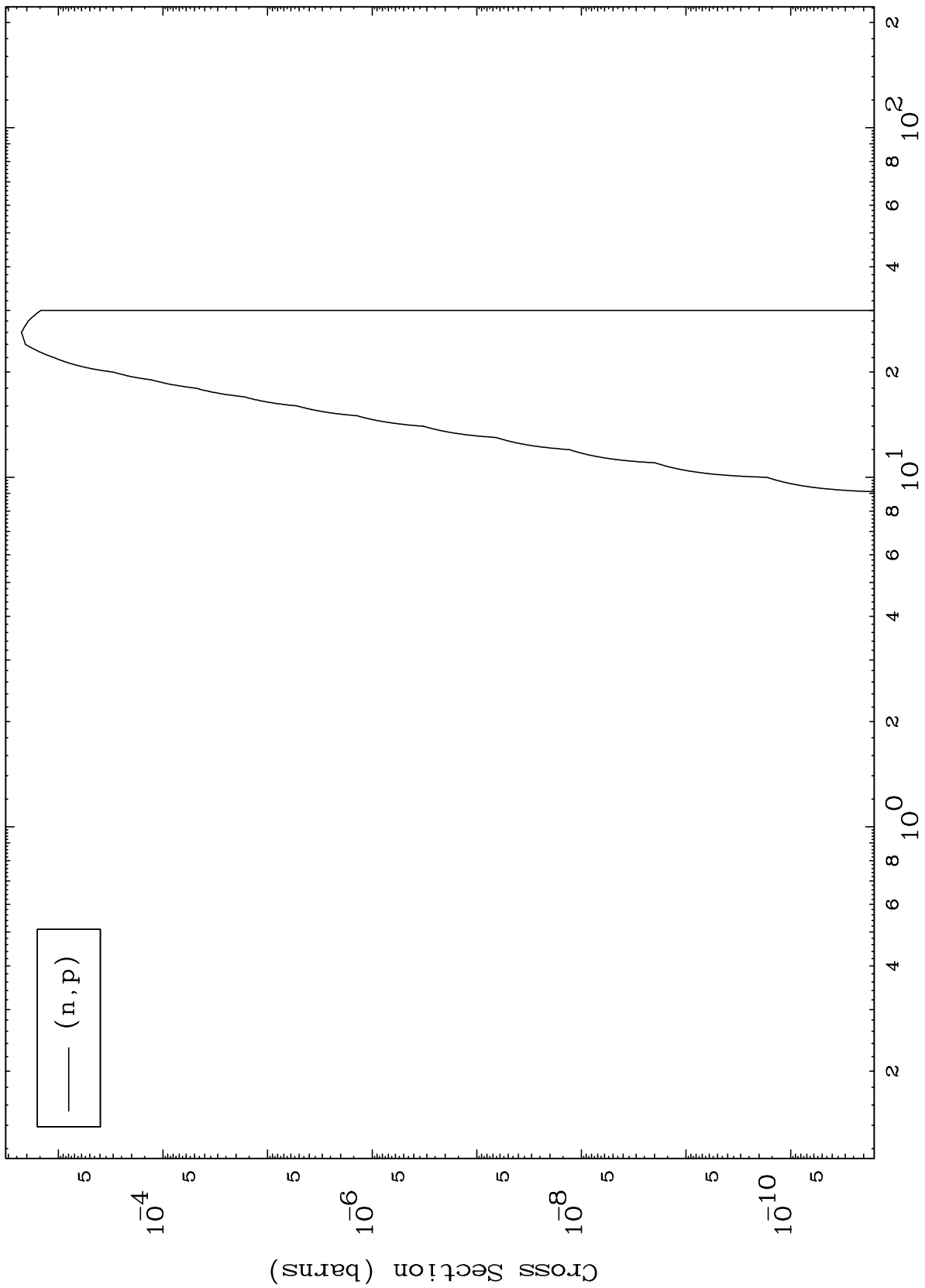


MAT 8169

(He-3,p) Levels

82-Pb-185m

0 Kelvin Cross Sections



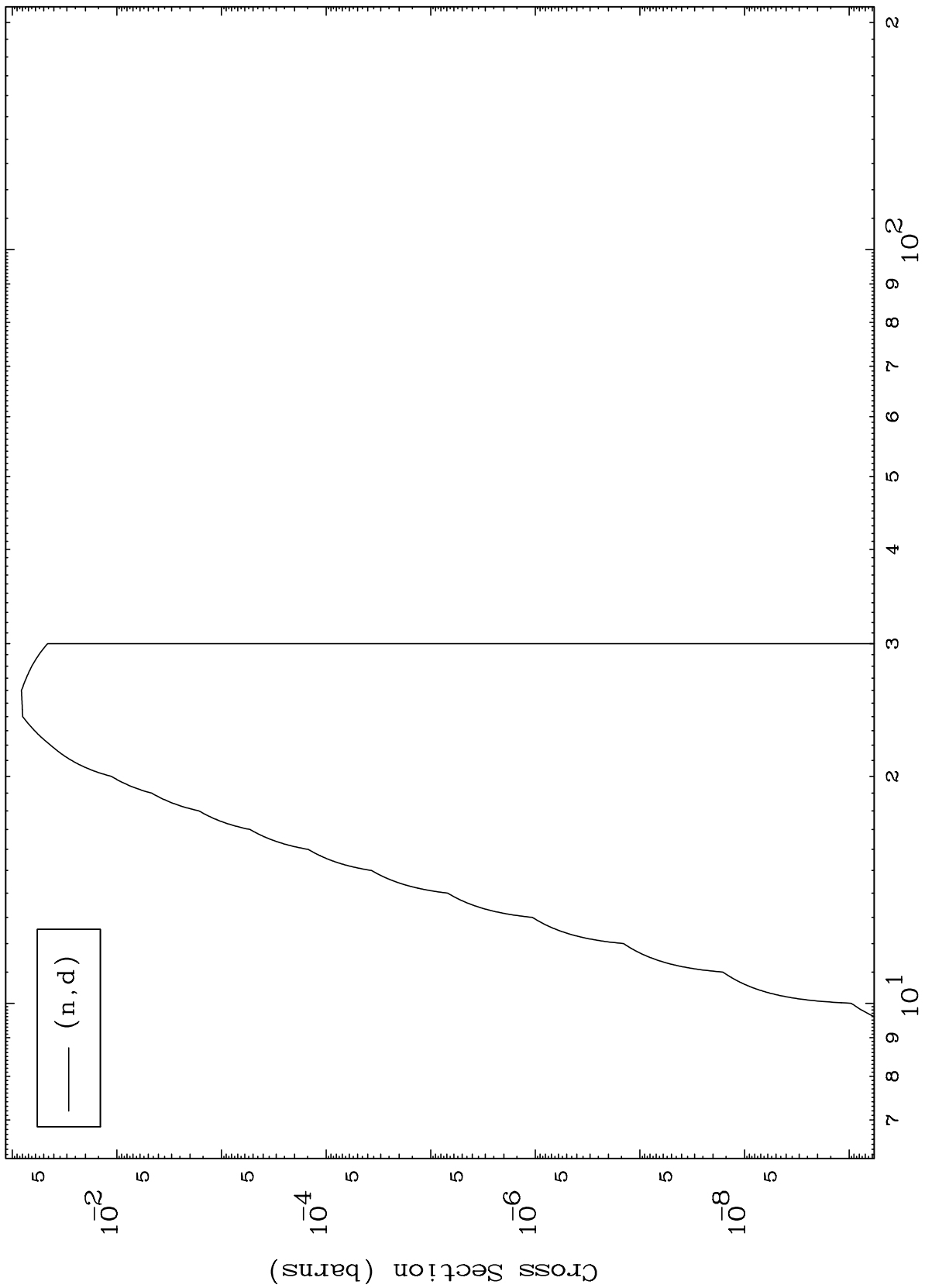


MAT 8169

(He-3,d) Levels

82-Pb-185m

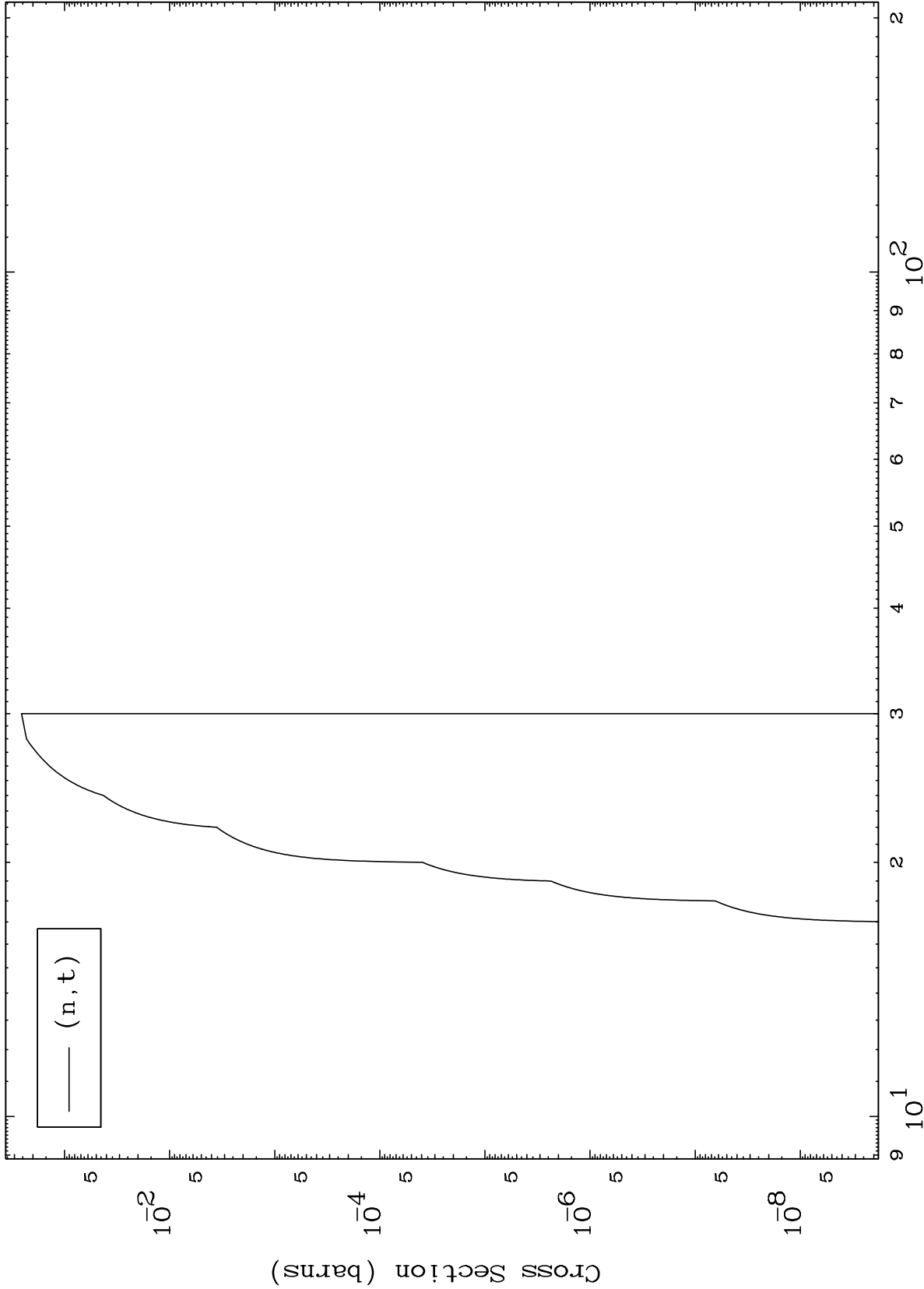
0 Kelvin Cross Sections



MAT 8169

(He-3,t) Levels  
0 Kelvin Cross Sections

82-Pb-185m



Incident Energy (MeV)

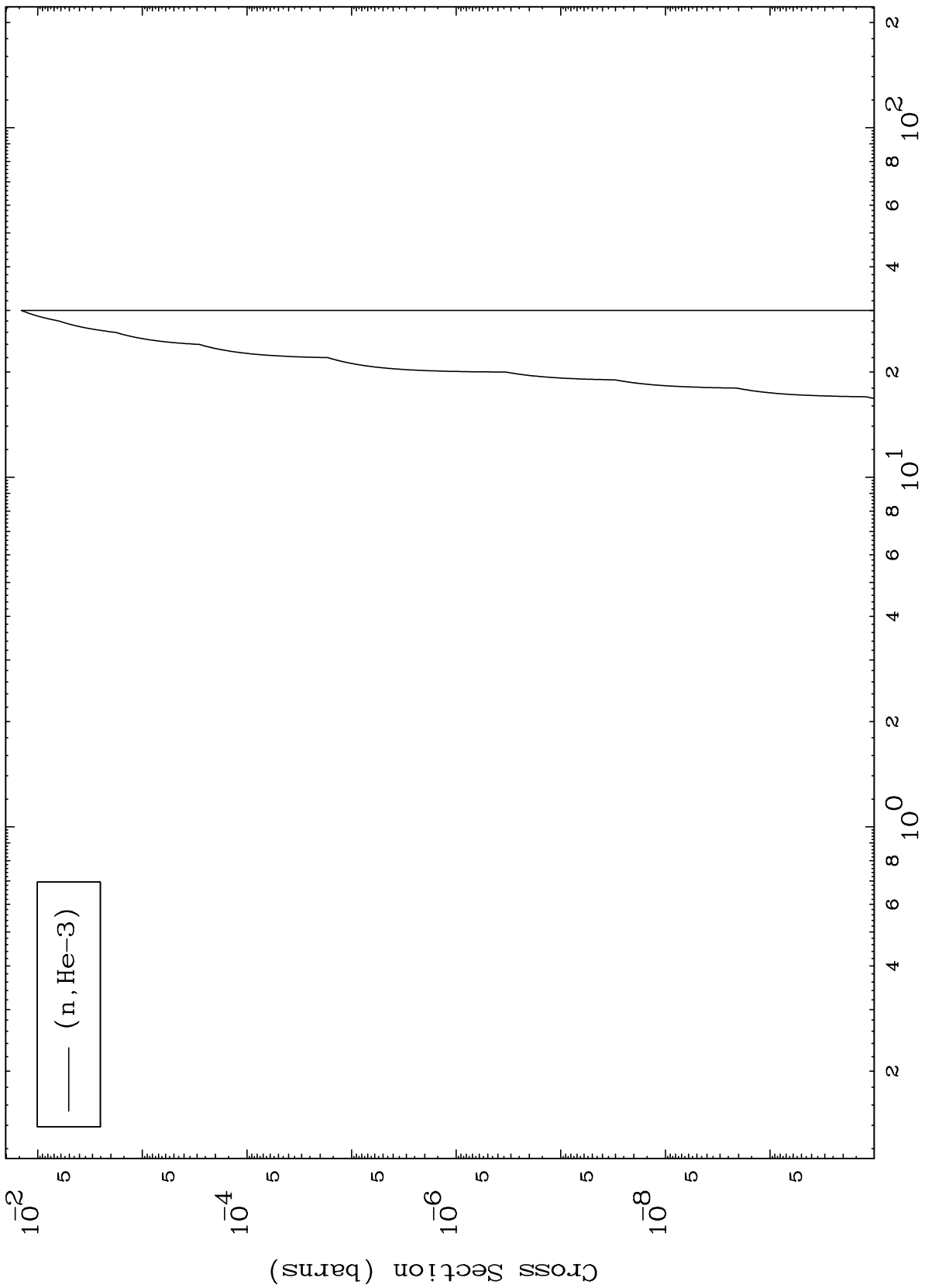
82-Pb-185m

MAT 8169

(He-3, He3) Levels

82-Pb-185m

0 Kelvin Cross Sections



10

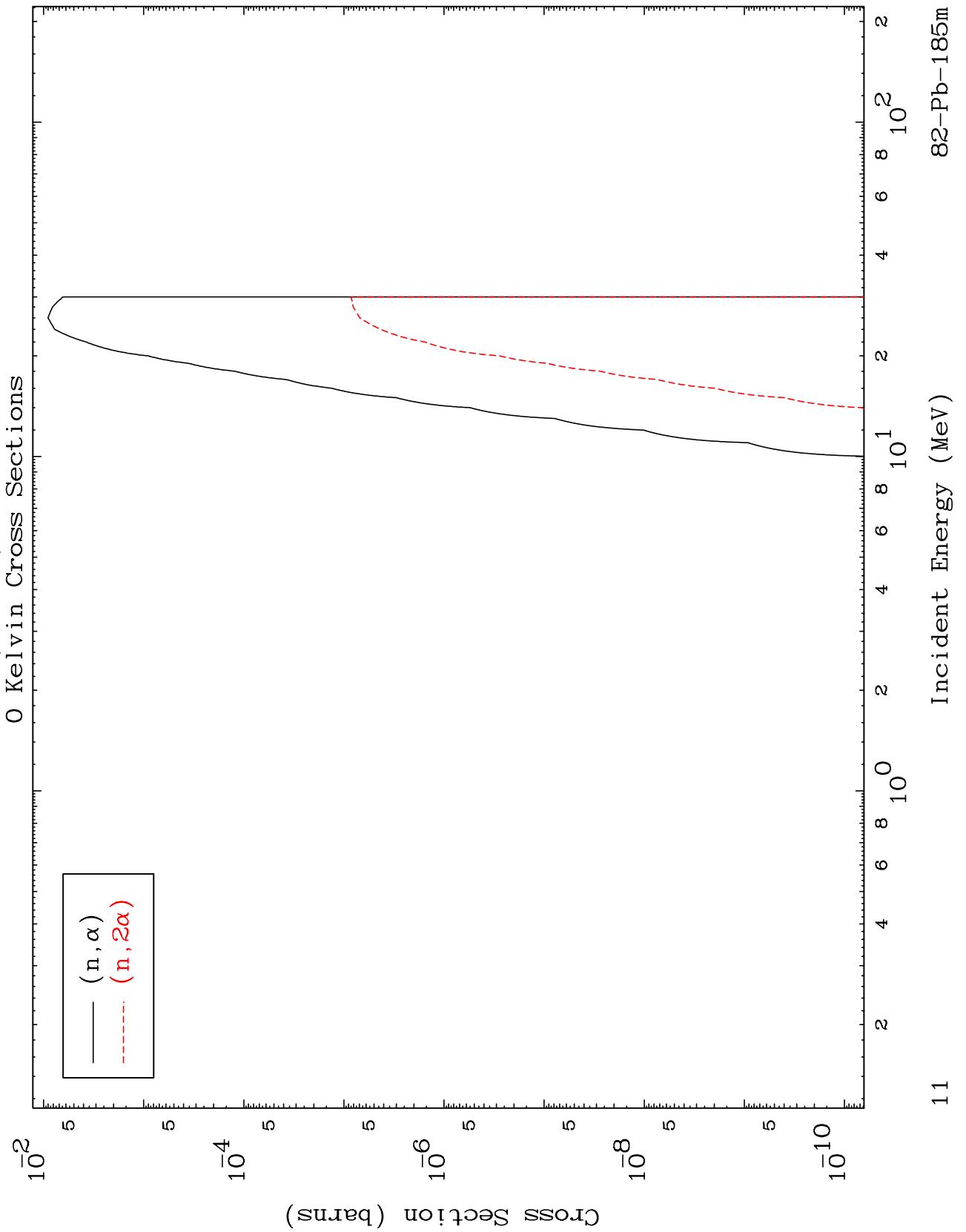
Incident Energy (MeV)

82-Pb-185m

MAT 8169

(He-3,  $\alpha$ ) Levels

82-Pb-185m

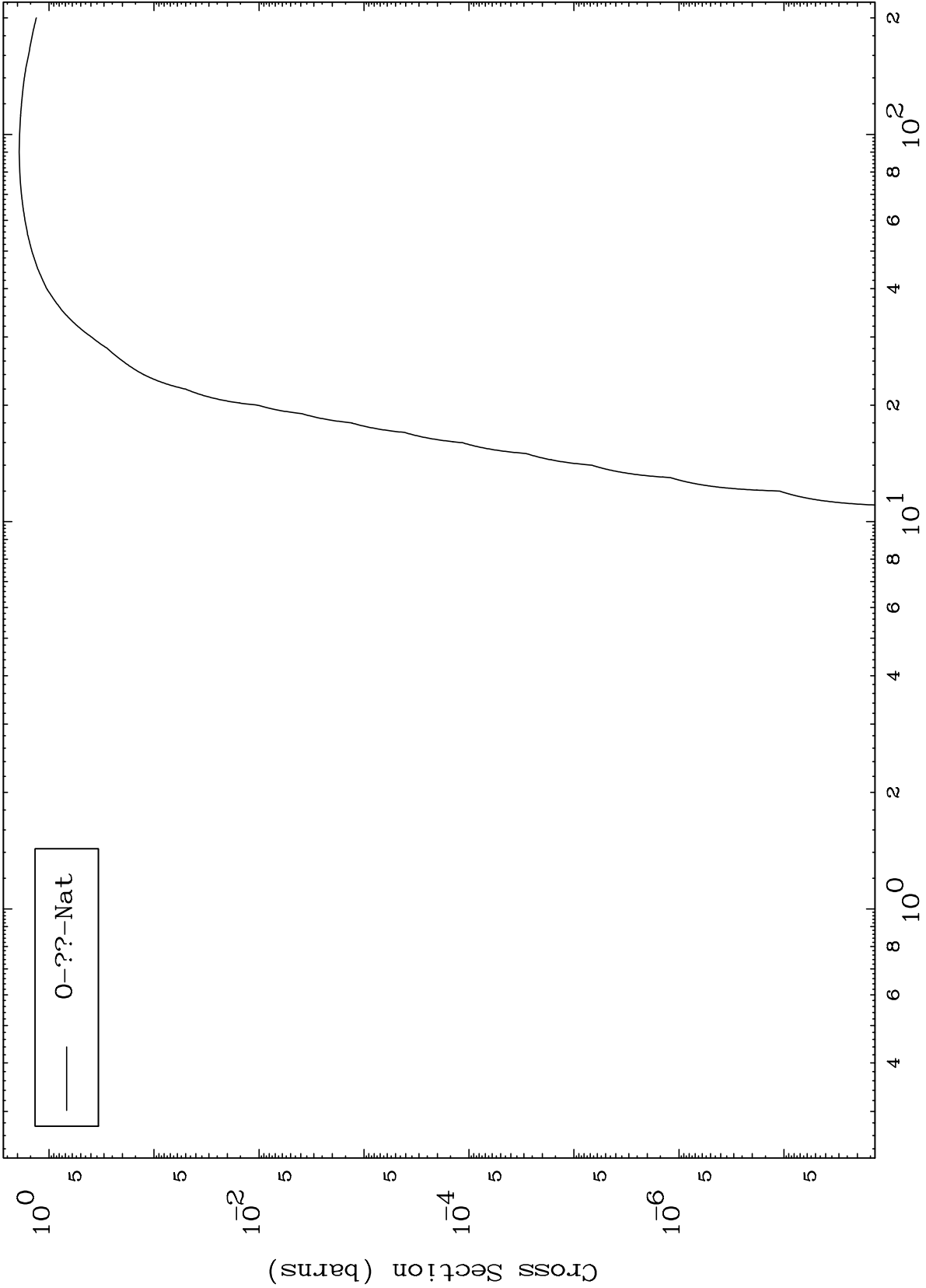


MAT 8169

Fission

<sup>82</sup>Pb-185m

Radionuclide Production Cross Section

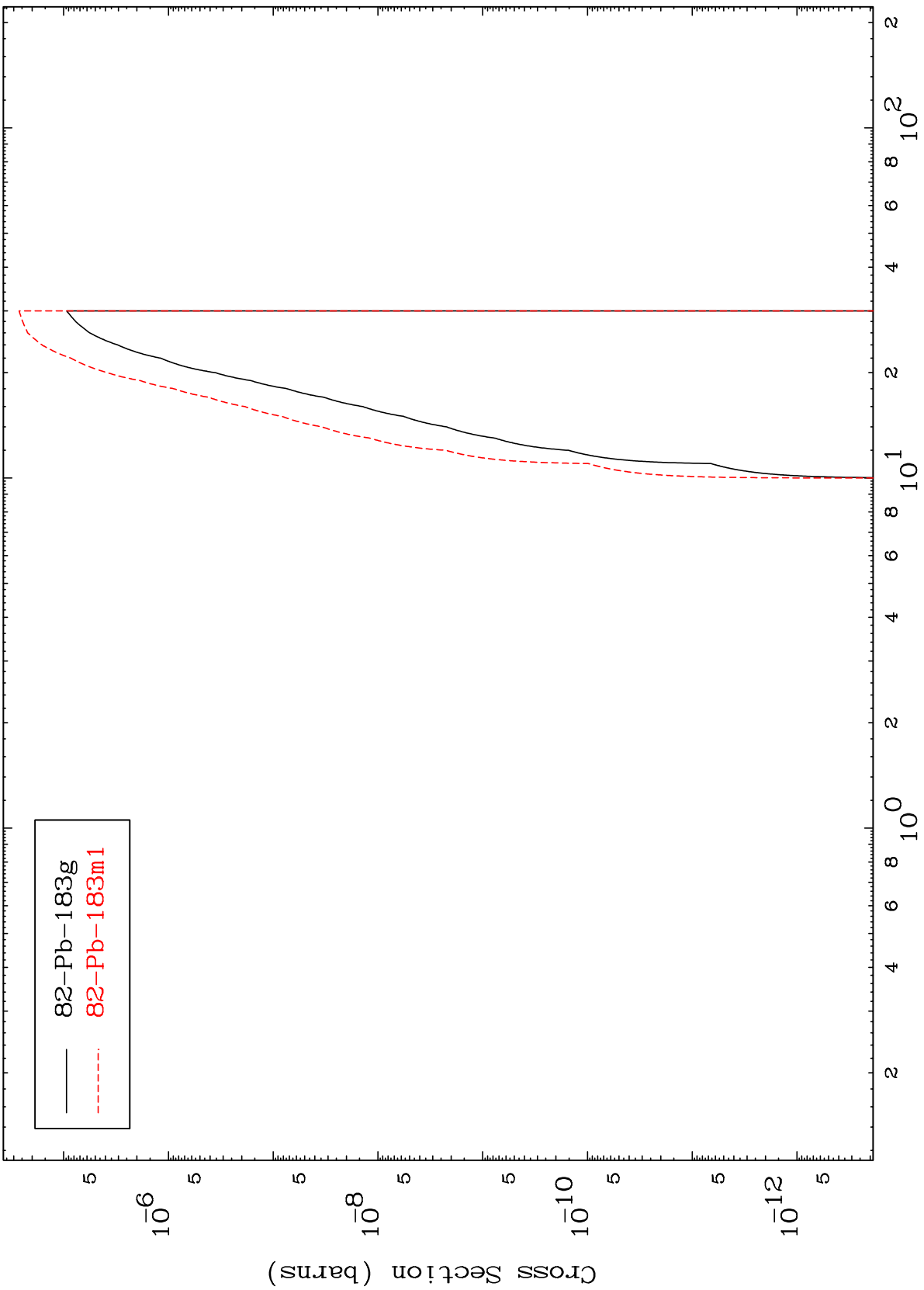


MAT 8169

$(n, n') \alpha$

$^{82}\text{Pb-185m}$

Radionuclide Production Cross Section

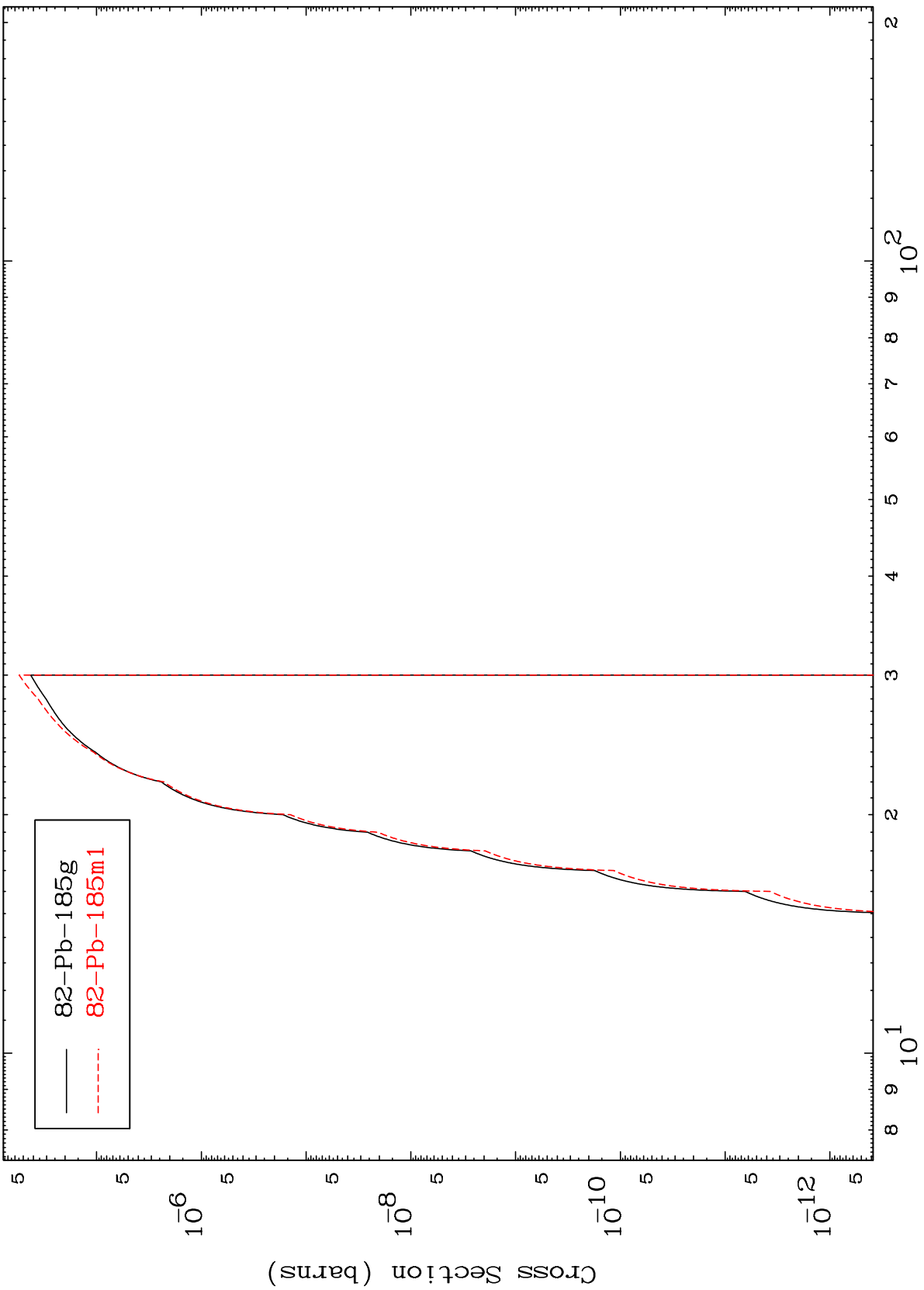


MAT 8169

(n,2n) p

82-Pb-185m

Radionuclide Production Cross Section



14

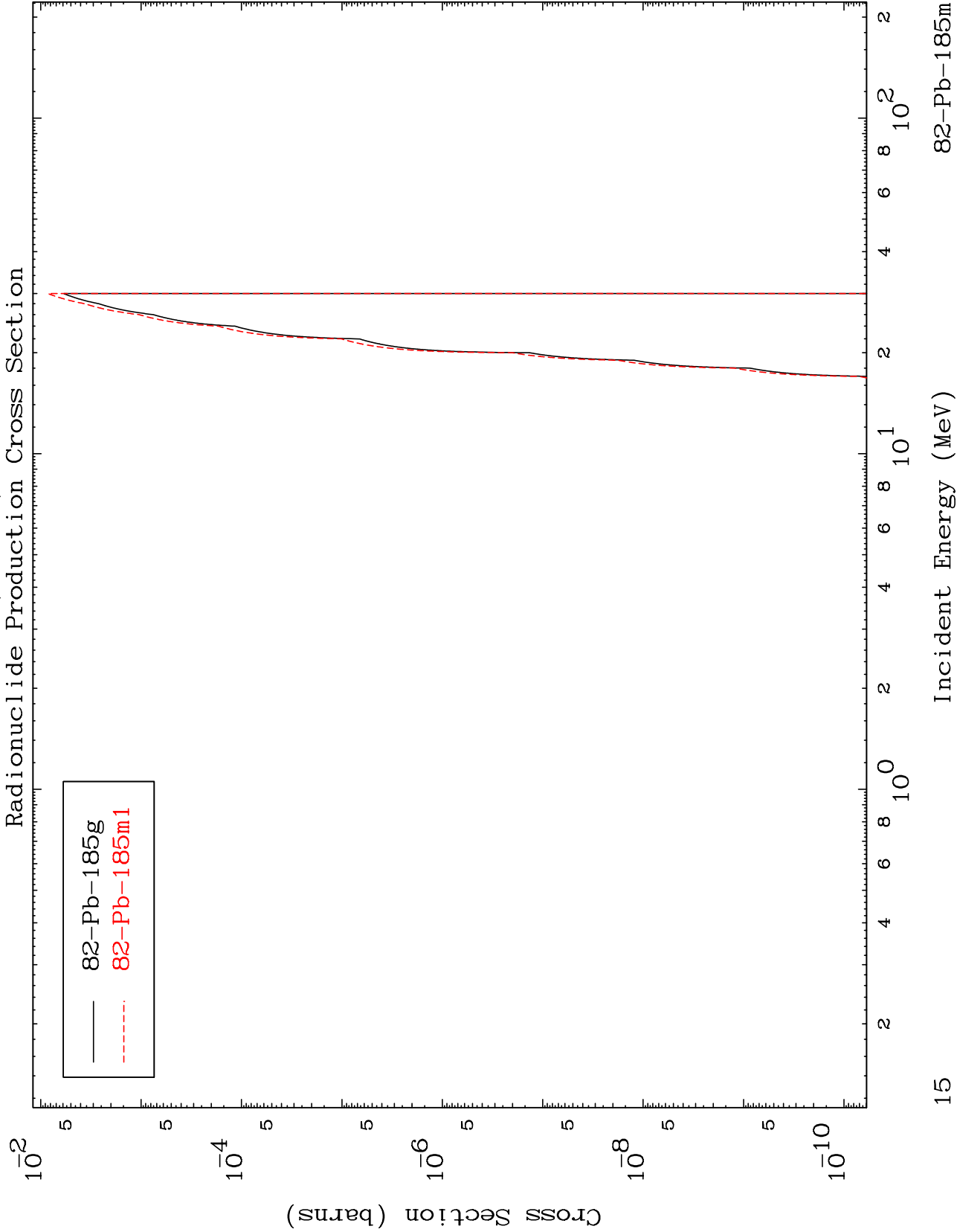
Incident Energy (MeV)

82-Pb-185m

MAT 8169

(n,He-3)

82-Pb-185m



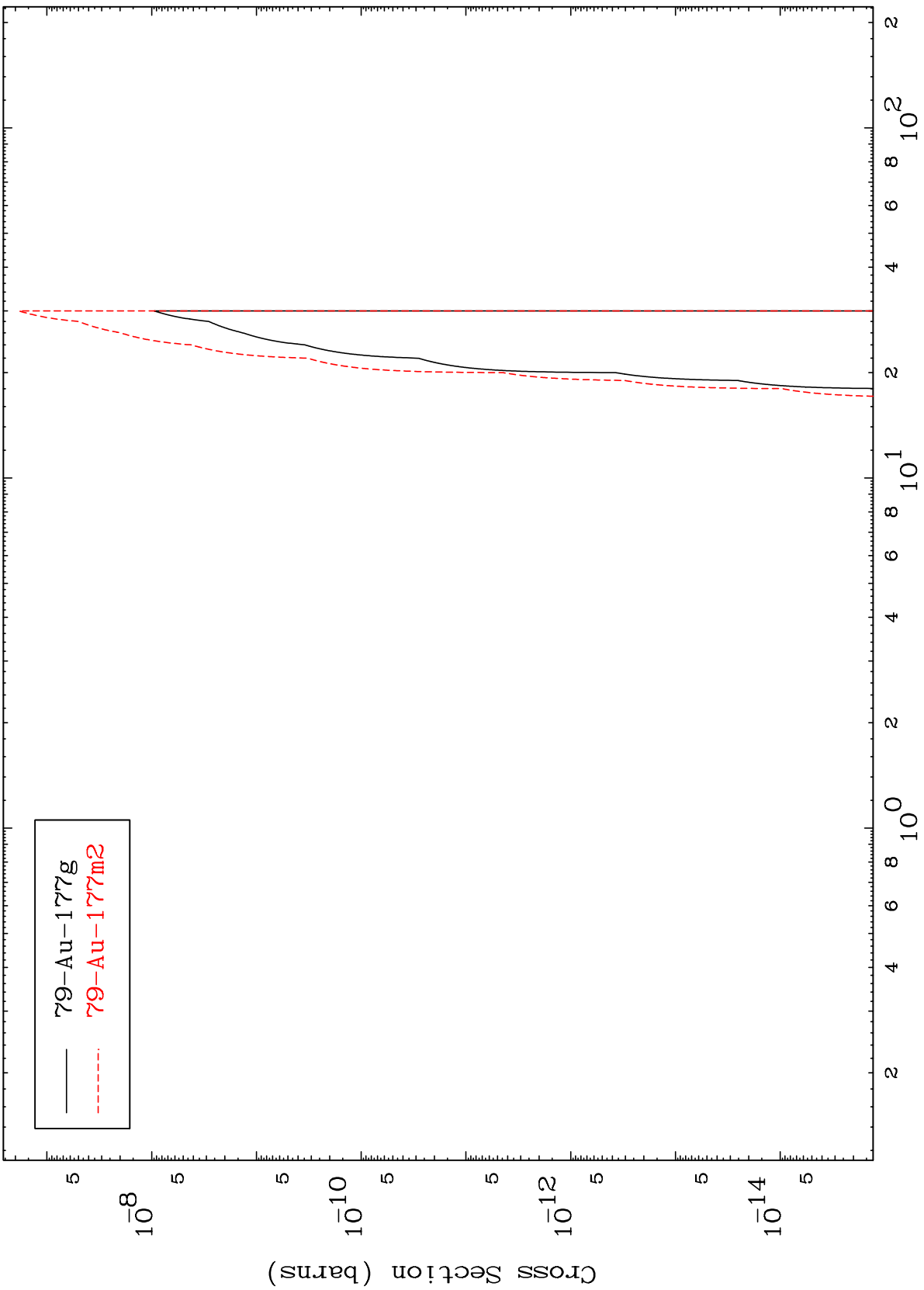


MAT 8169

(n,t) 2 $\alpha$

82-Pb-185m

Radionuclide Production Cross Section



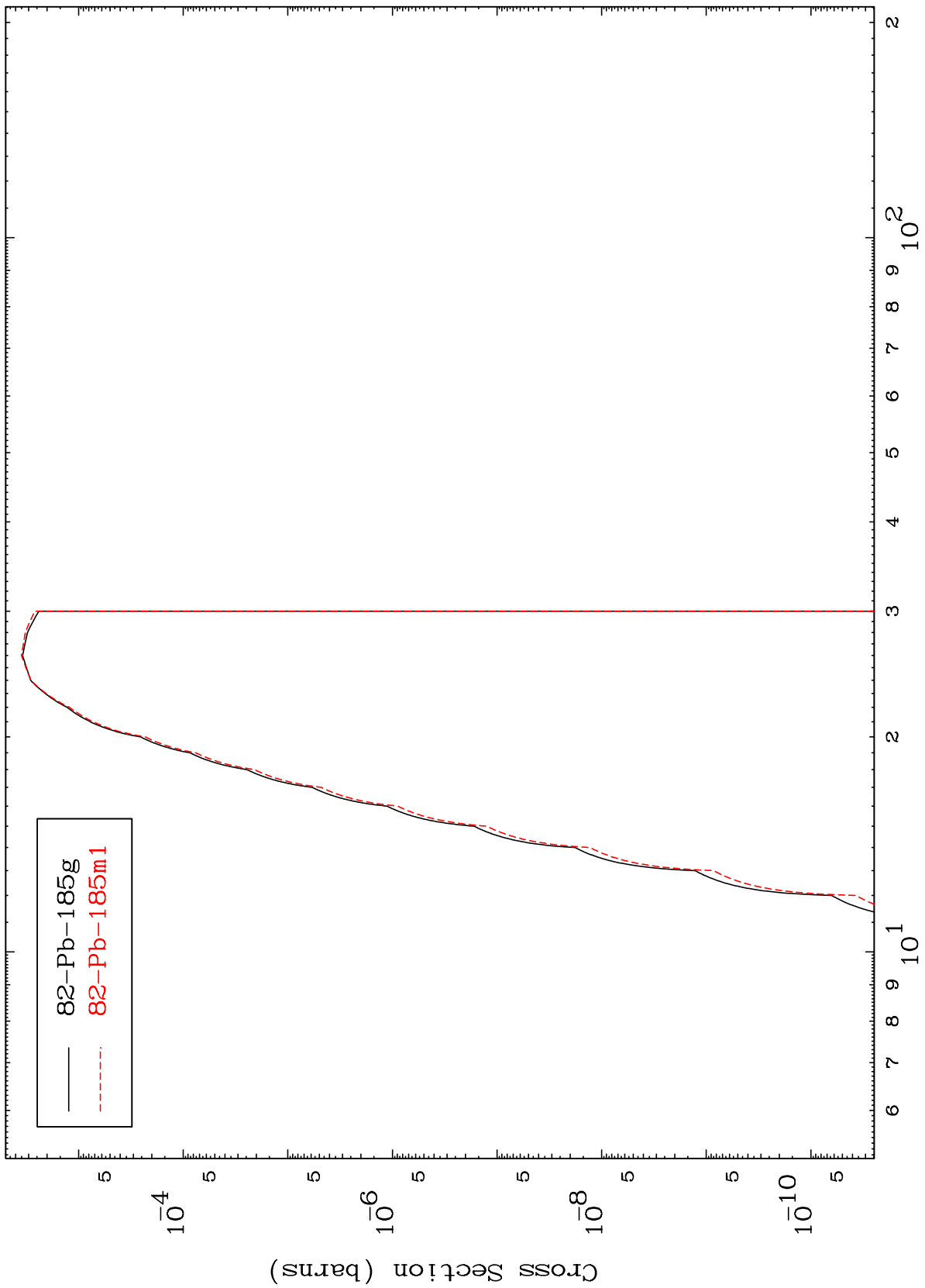
79-Au-177g  
79-Au-177m2

MAT 8169

(n,p) d

<sup>82</sup>Pb-185m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

<sup>82</sup>Pb-185m