

Program EVALPLOT
(Version 2021-1)

by

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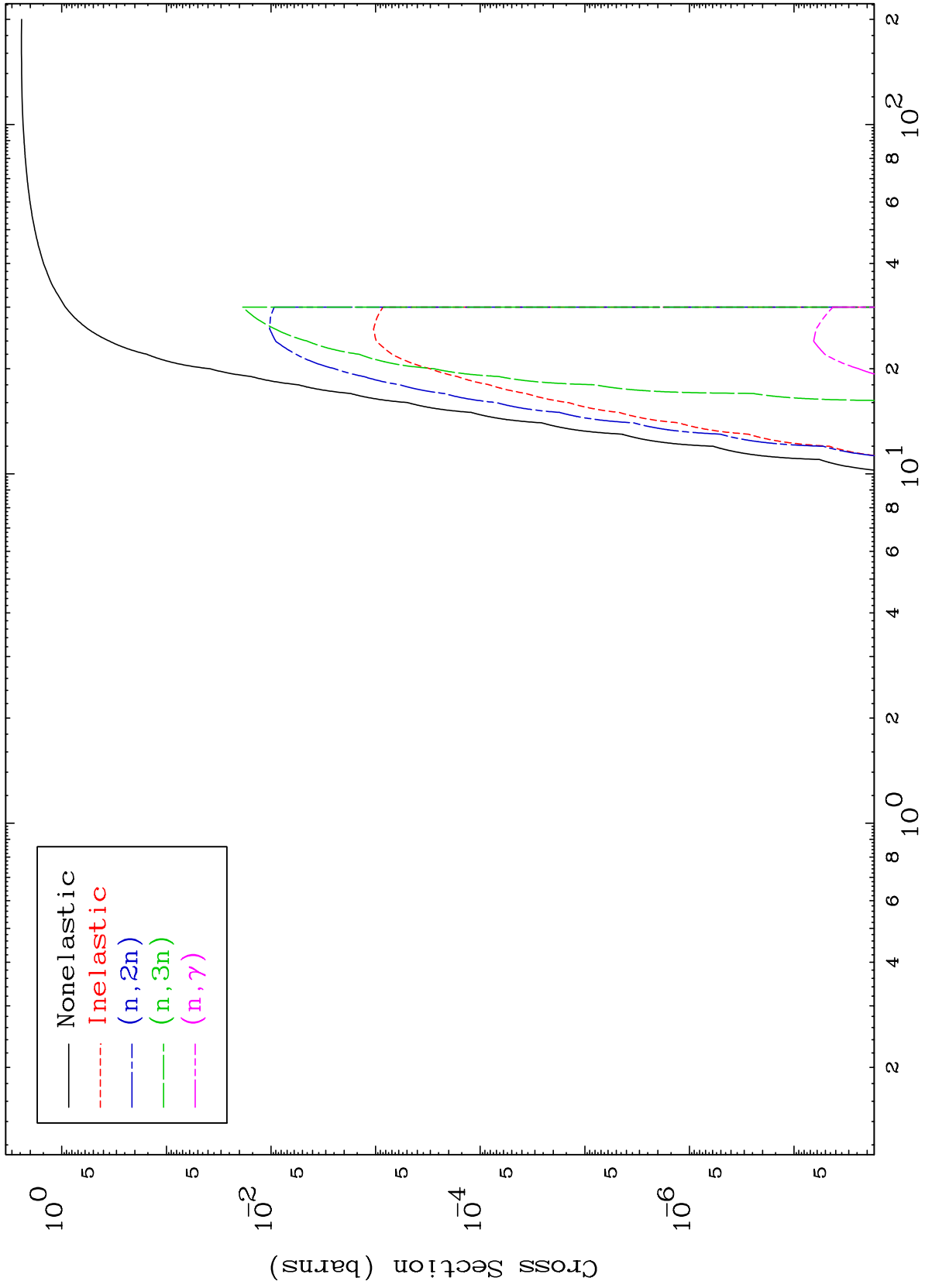
Press Mouse Button to Start

MAT 8223

He-3 Major

82-Pb-203m

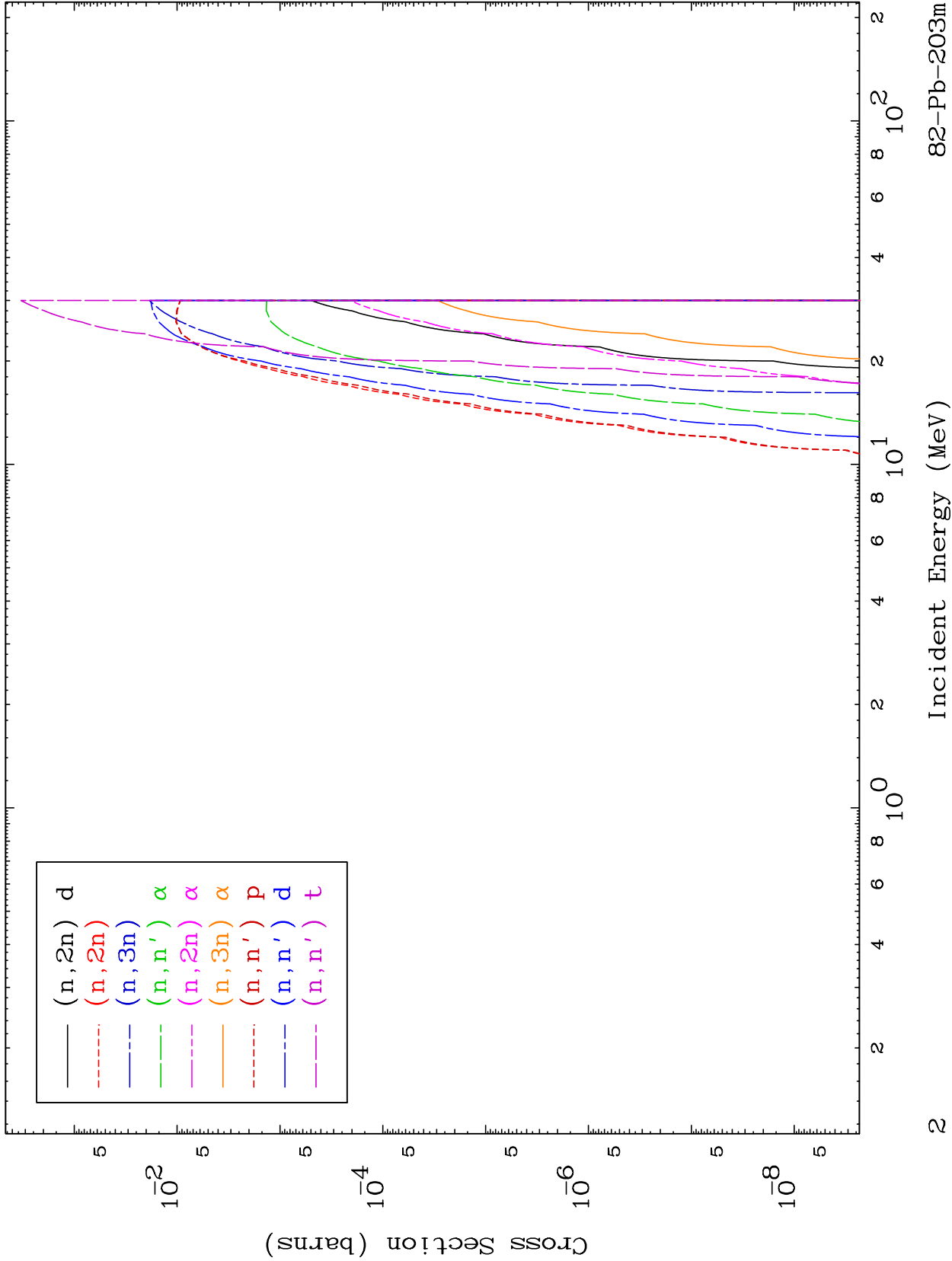
0 Kelvin Cross Sections



MAT 8223

He-3 Neutron Absorption
0 Kelvin Cross Sections

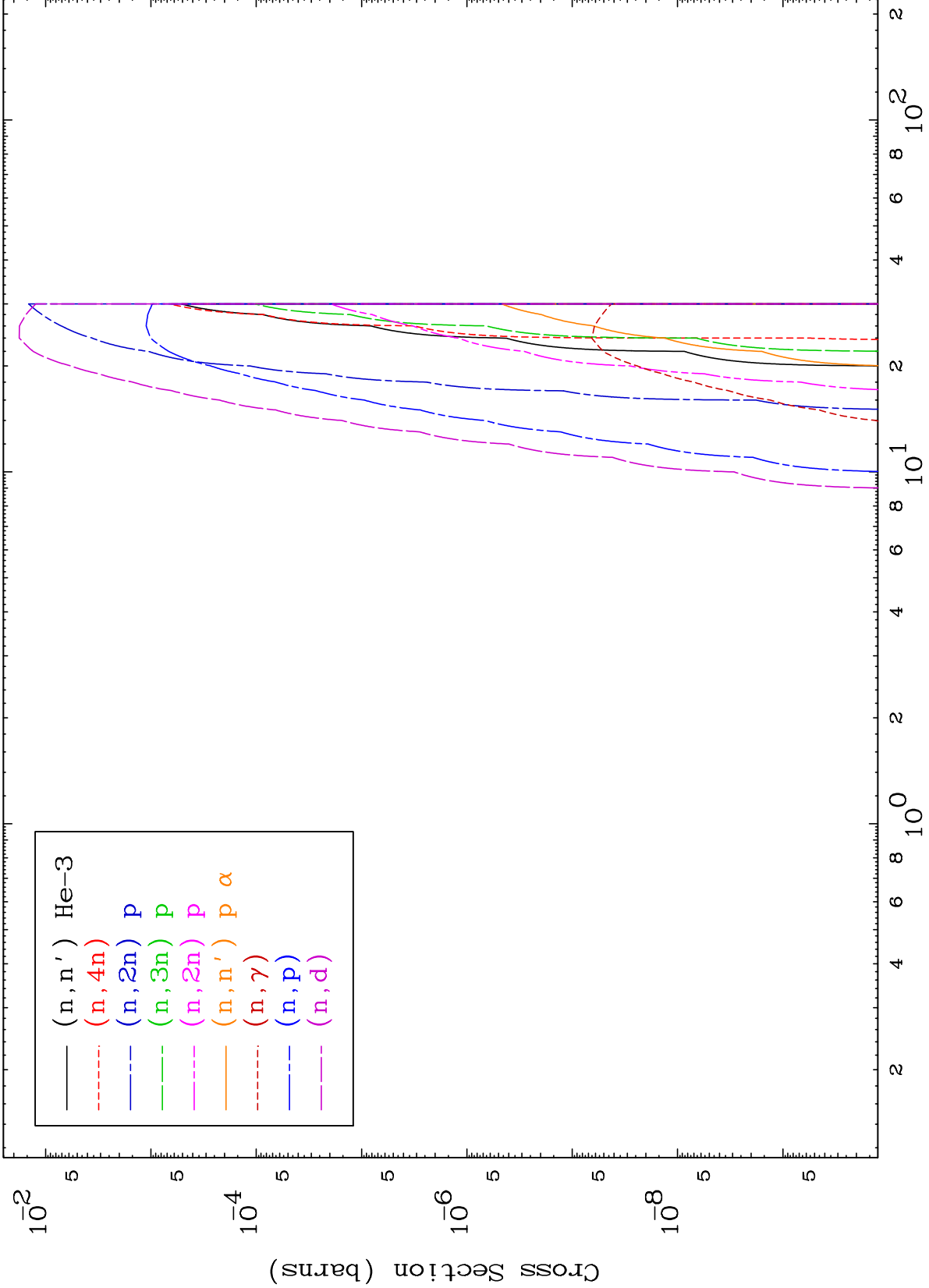
82-Pb-203m



MAT 8223

He-3 Neutron Absorption
0 Kelvin Cross Sections

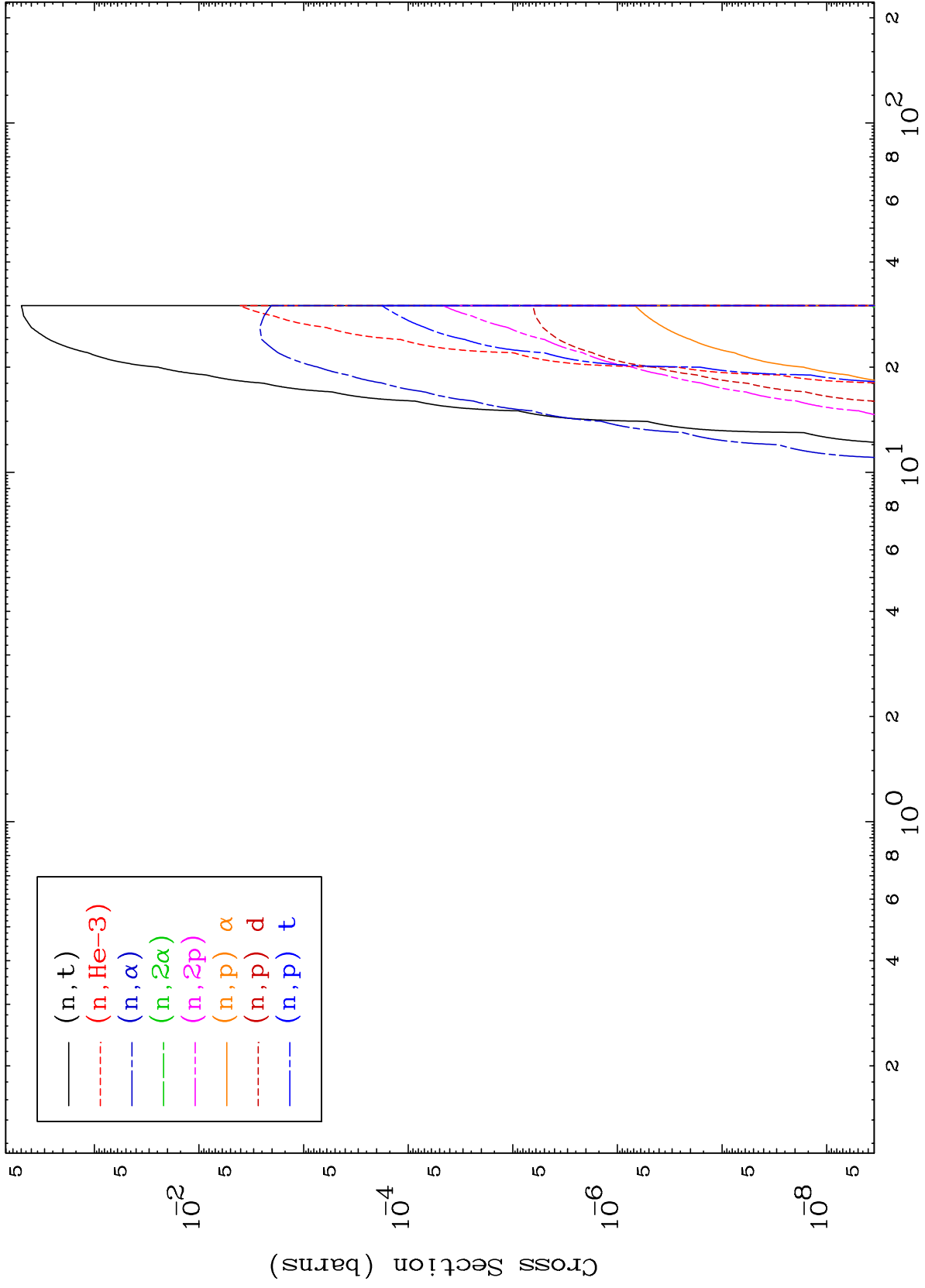
82-Pb-203m



MAT 8223

He-3 Neutron Absorption
0 Kelvin Cross Sections

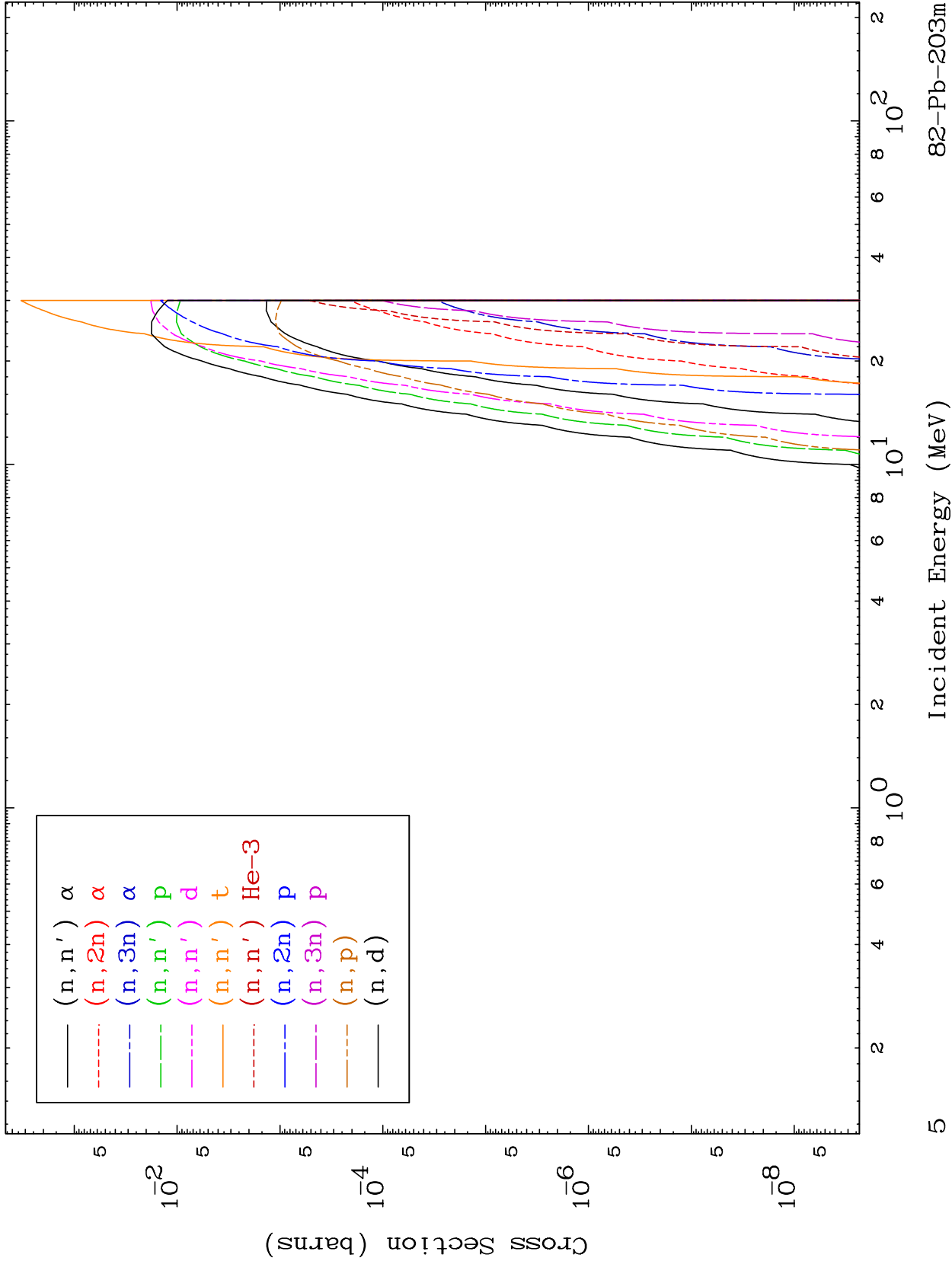
82-Pb-203m



MAT 8223

He-3 Charged Particle
0 Kelvin Cross Sections

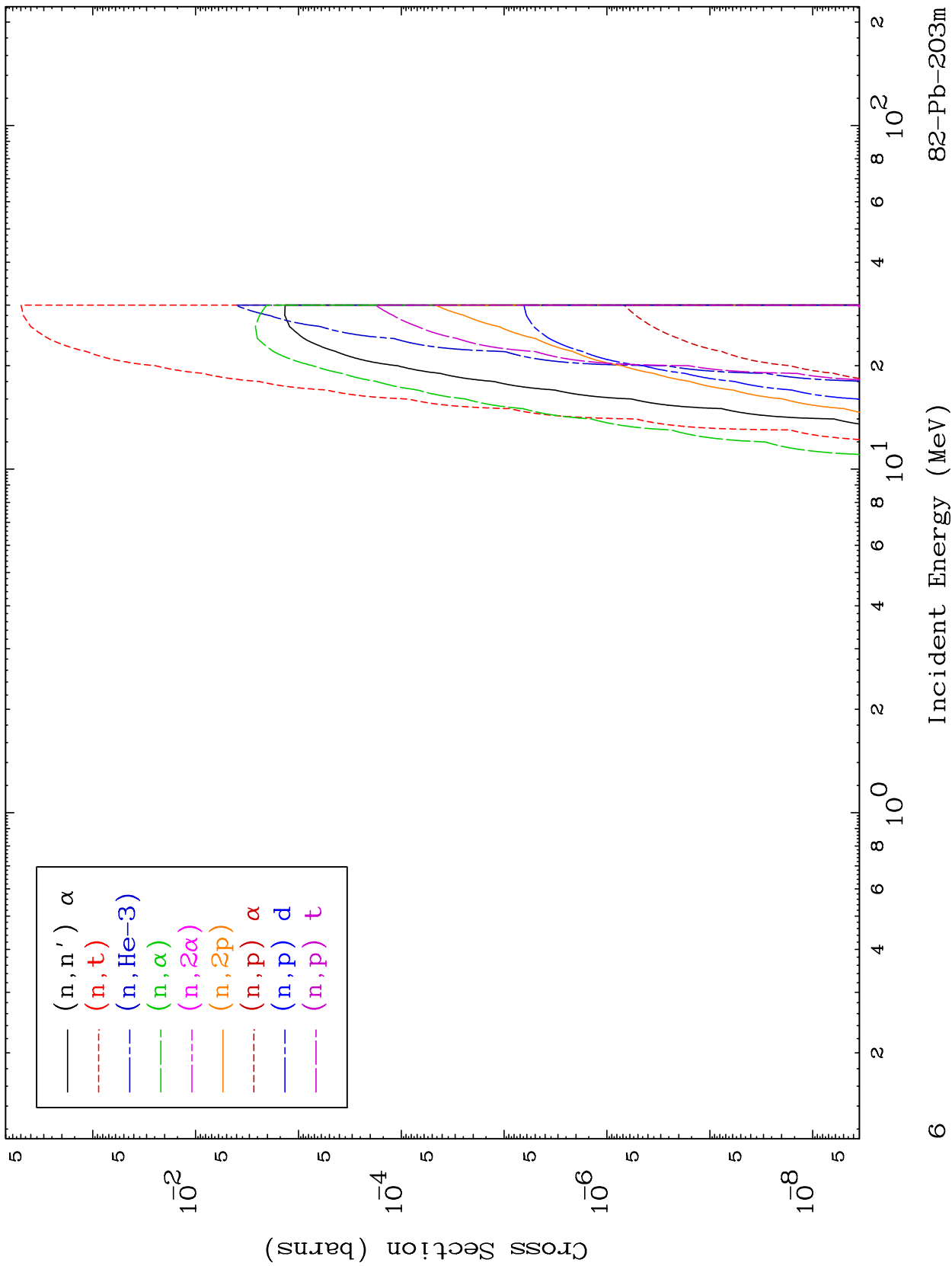
82-Pb-203m



MAT 8223

He-3 Charged Particle
0 Kelvin Cross Sections

82-Pb-203m

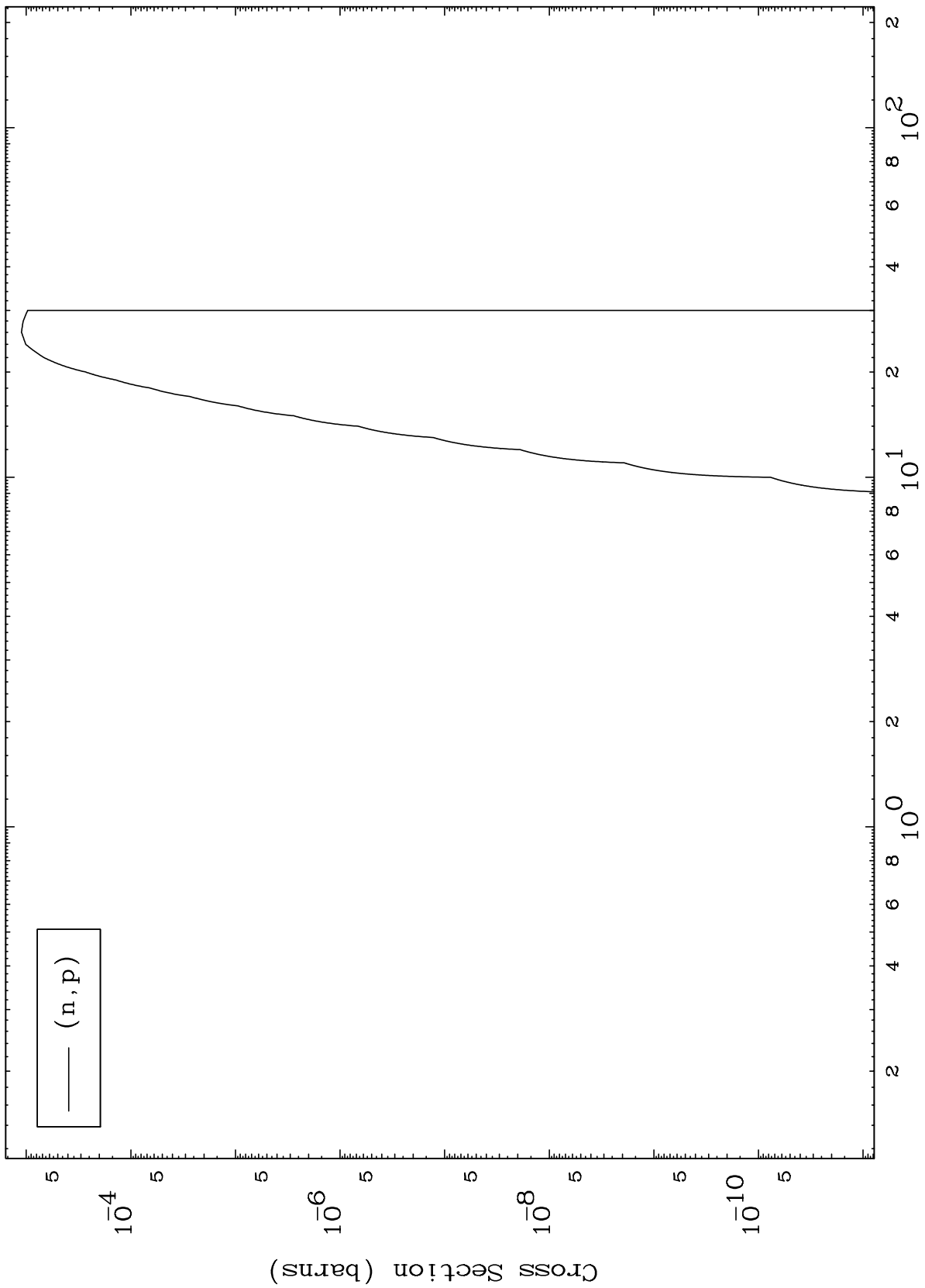


MAT 8223

(He-3,p) Levels

82-Pb-203m

0 Kelvin Cross Sections

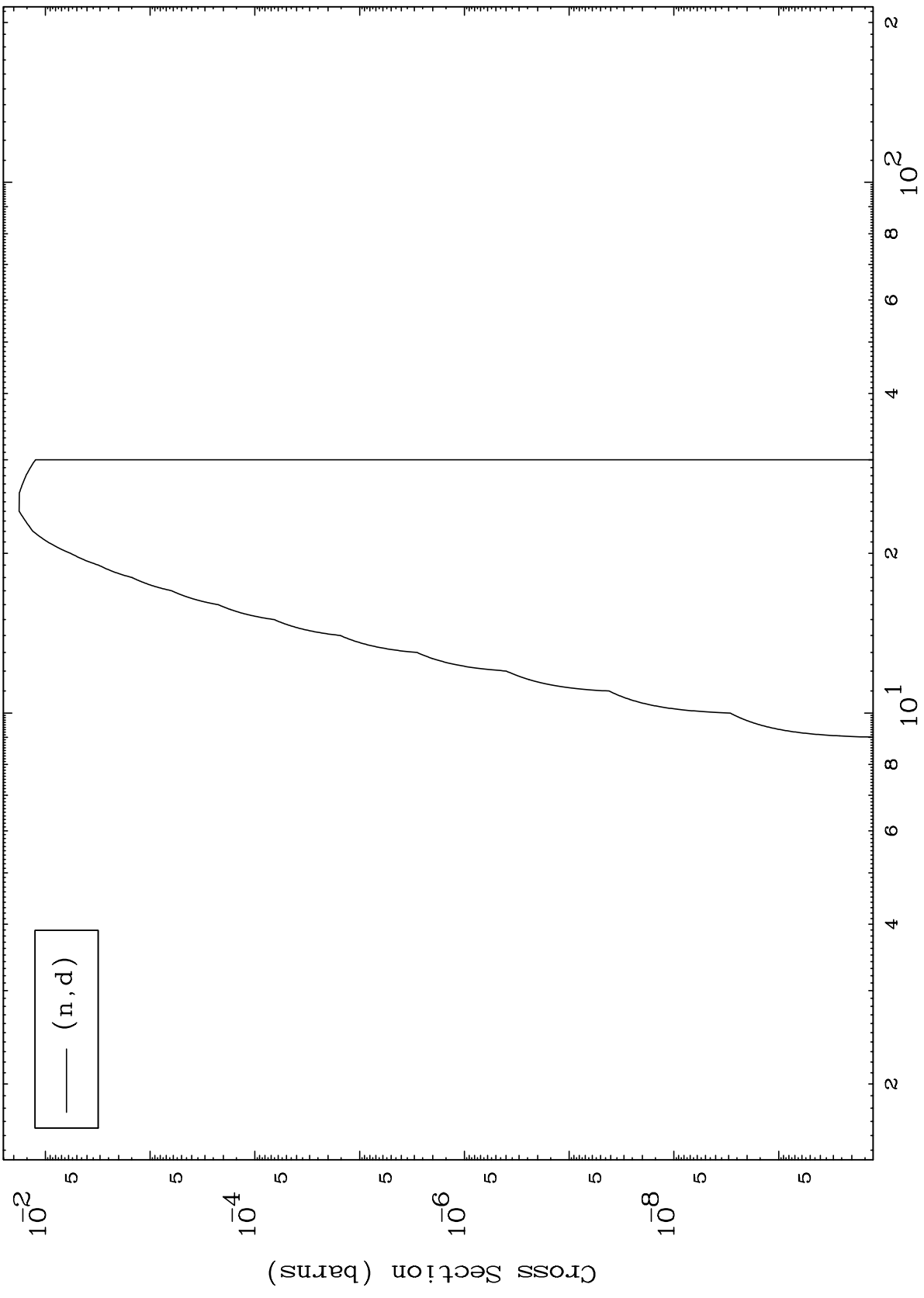


MAT 8223

(He-3,d) Levels

82-Pb-203m

0 Kelvin Cross Sections

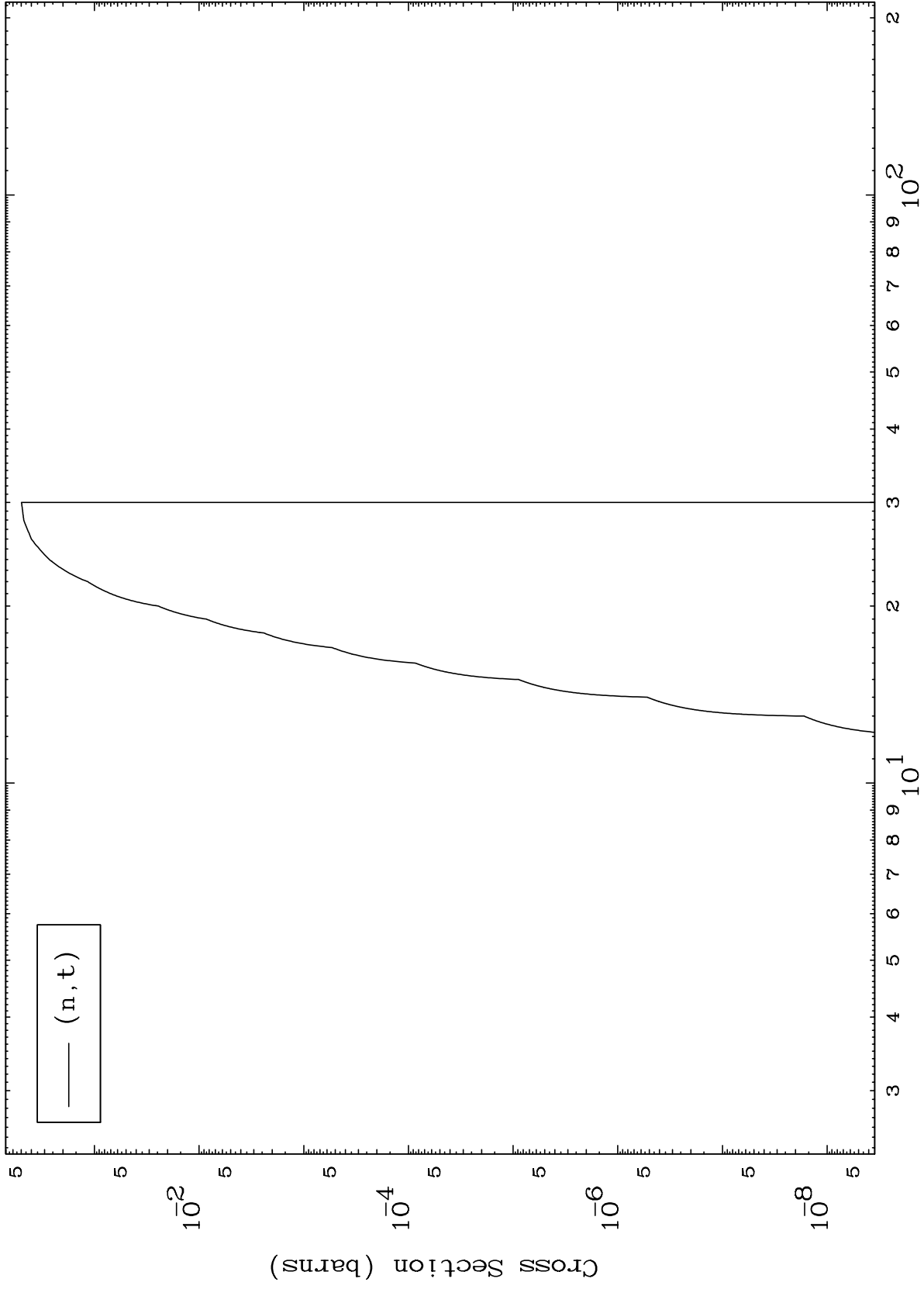


(n,d)

MAT 8223

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

82-Pb-203m

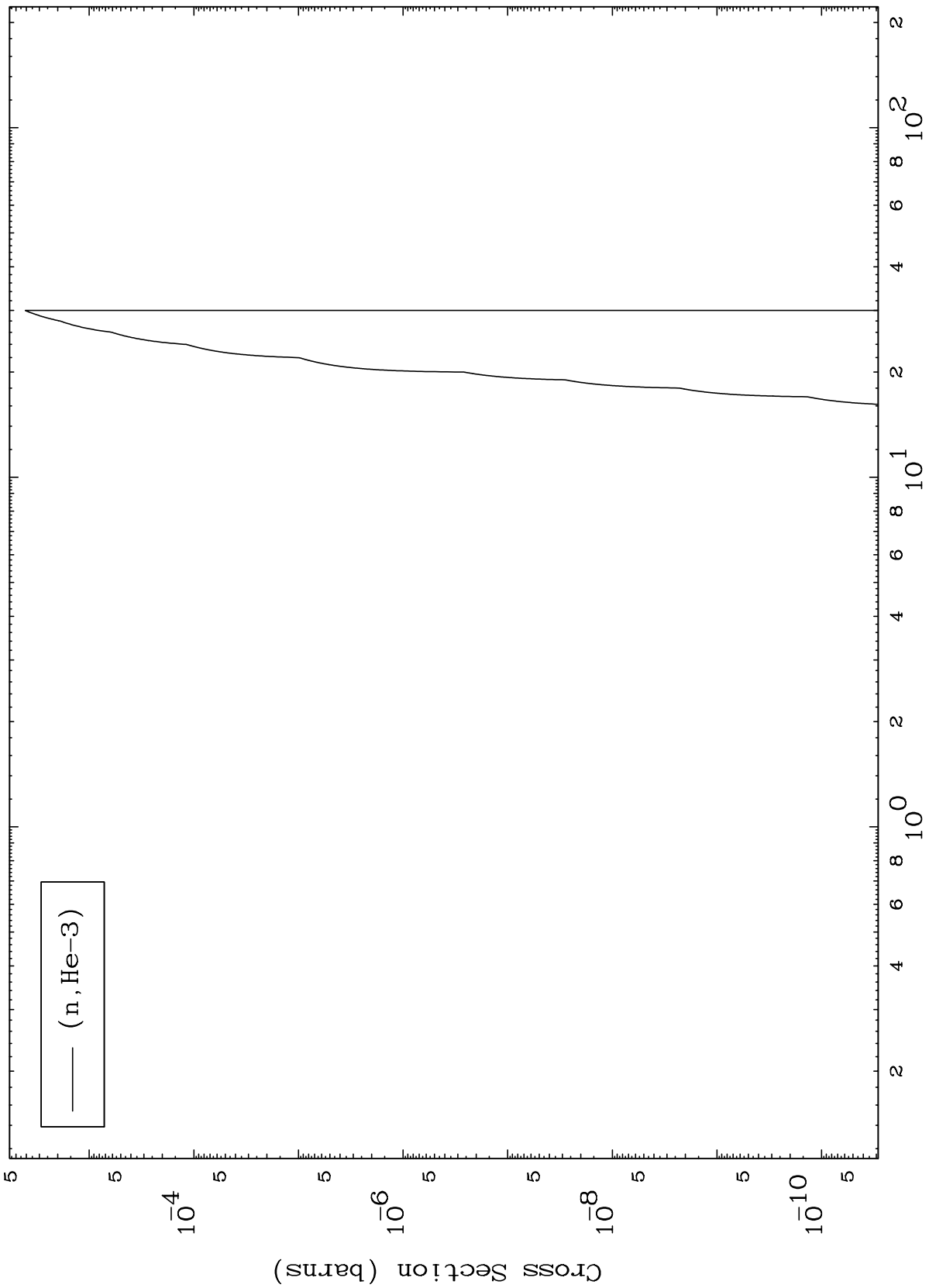


MAT 8223

(He-3, He3) Levels

82-Pb-203m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

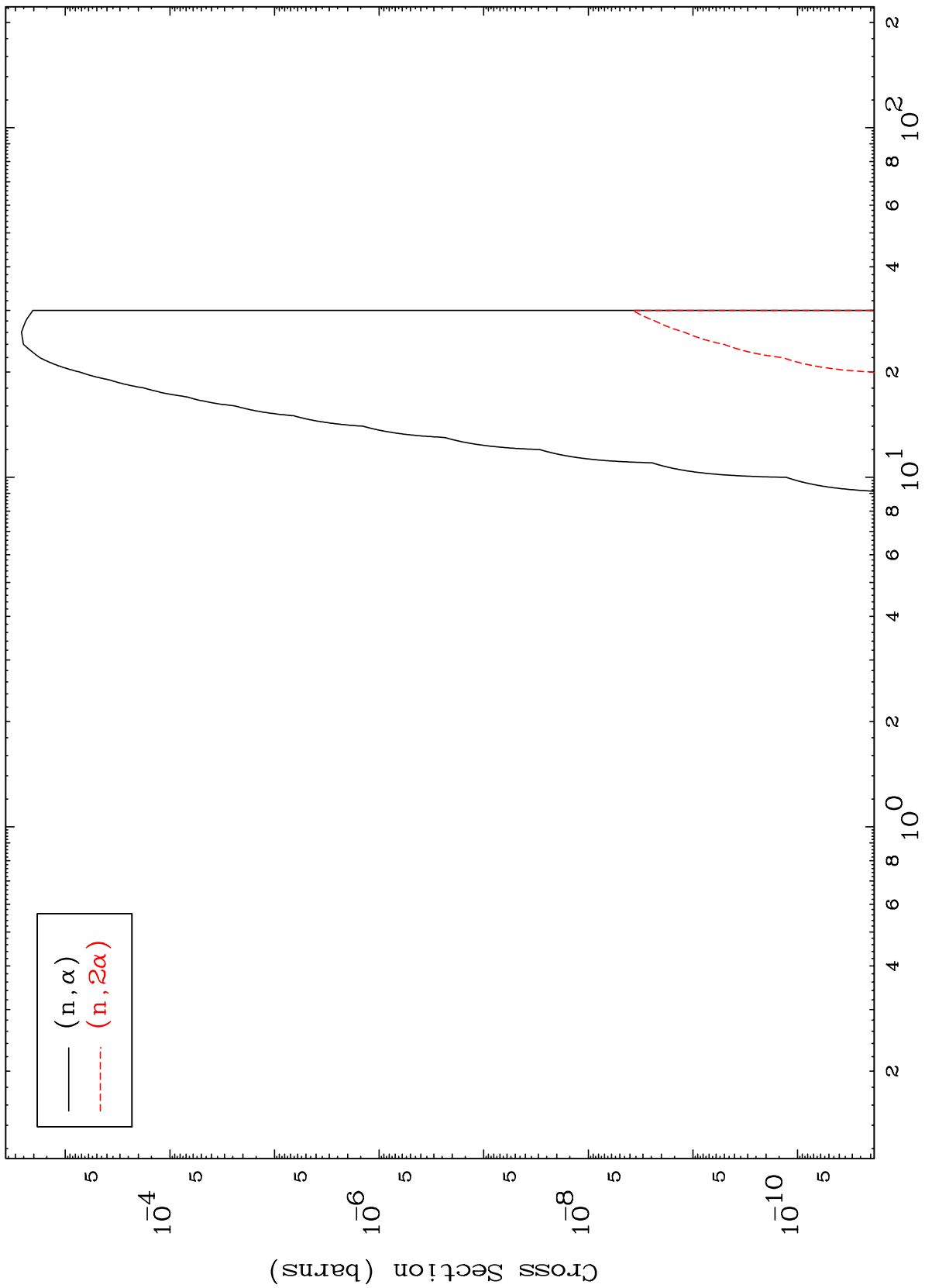
82-Pb-203m

MAT 8223

(He-3, α) Levels

82-Pb-203m

0 Kelvin Cross Sections

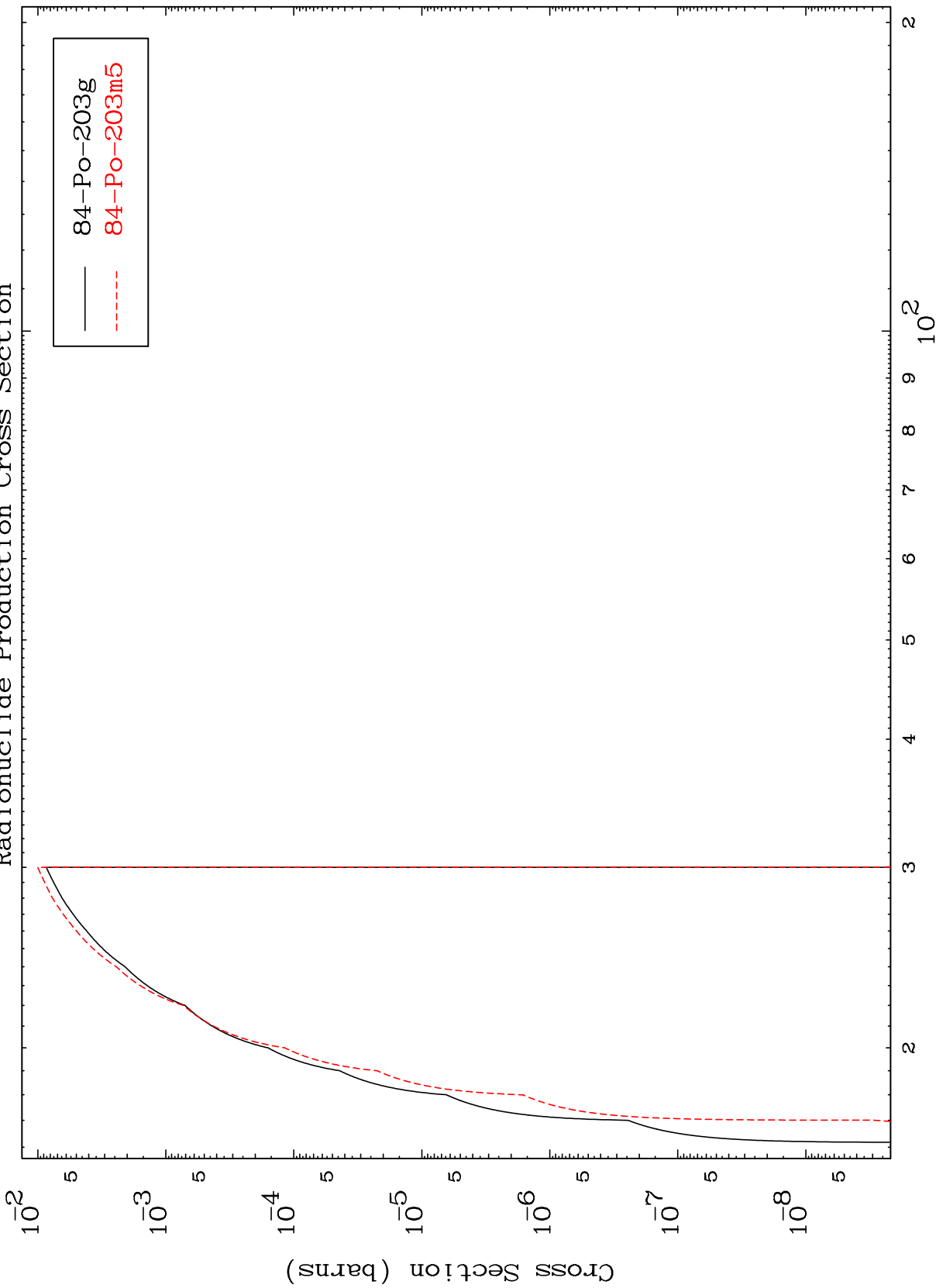


— (n, α)
- - - $(n, 2\alpha)$

MAT 8223

82-Pb-203m

(n,3n)
Radionuclide Production Cross Section



84-Po-203g
84-Po-203m5

12

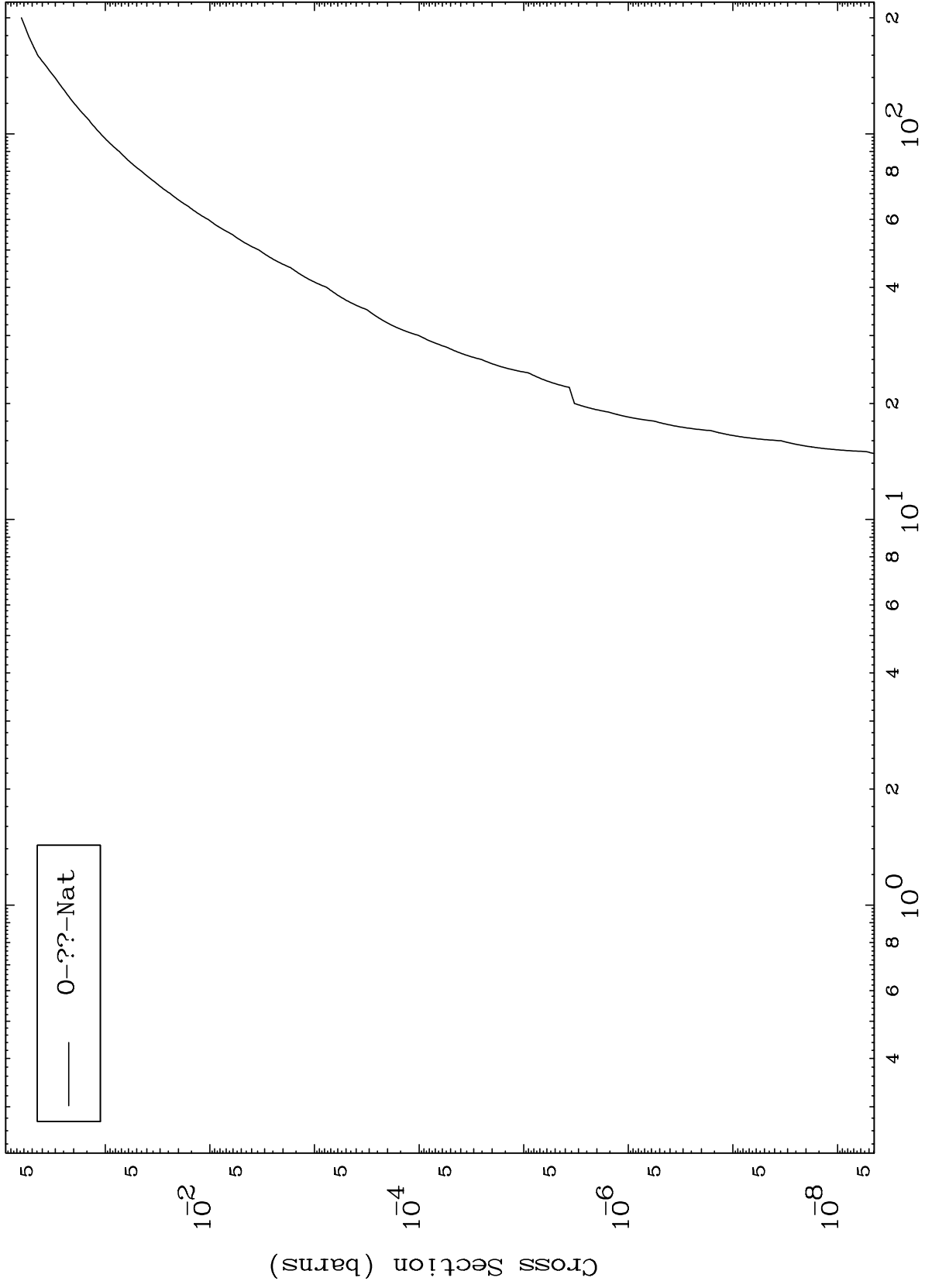
Incident Energy (MeV)

82-Pb-203m

MAT 8223

Fission
Radionuclide Production Cross Section

⁸²Pb-203m

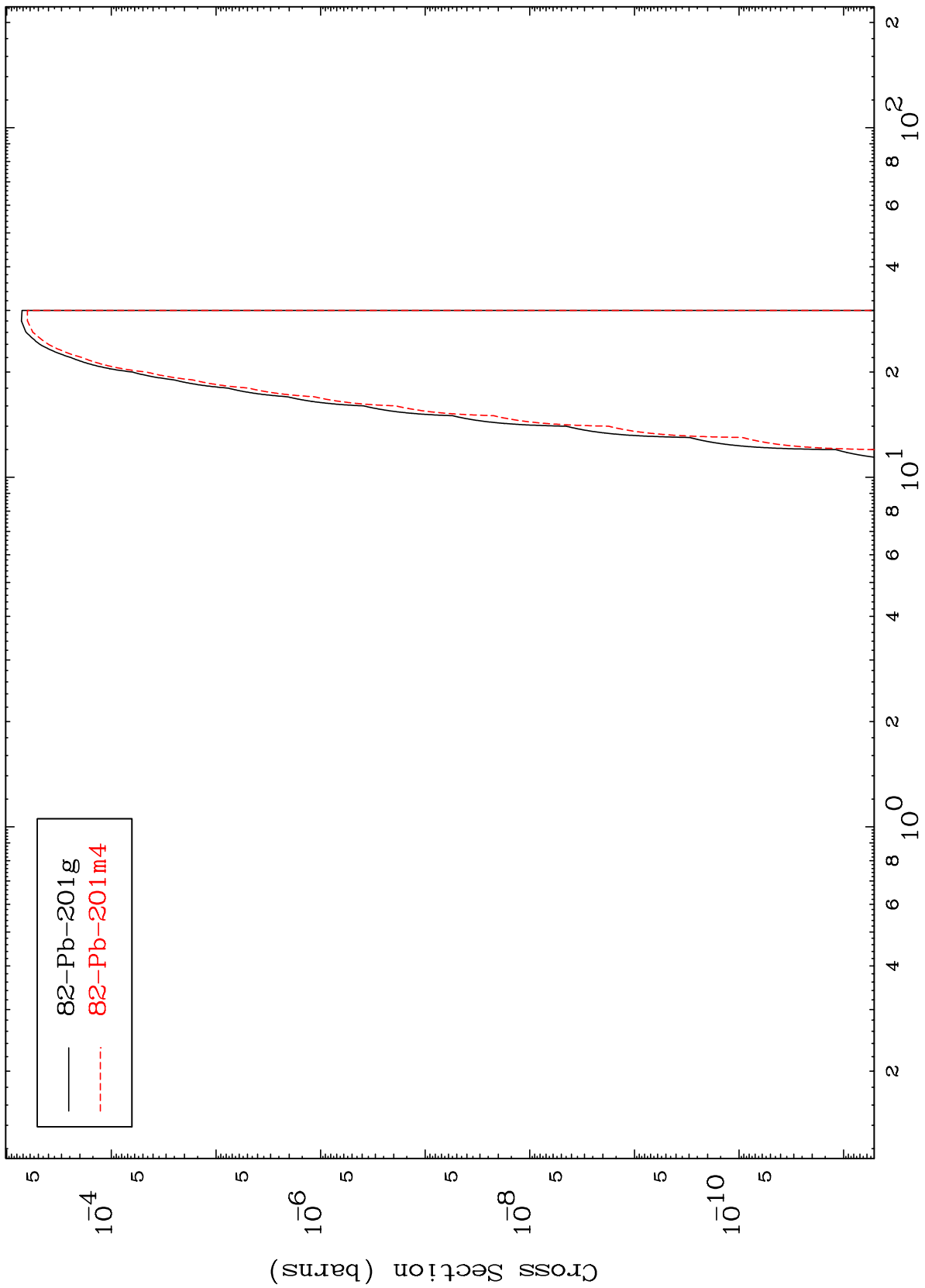


MAT 8223

$(n, n') \alpha$

$^{82}\text{Pb-203m}$

Radionuclide Production Cross Section

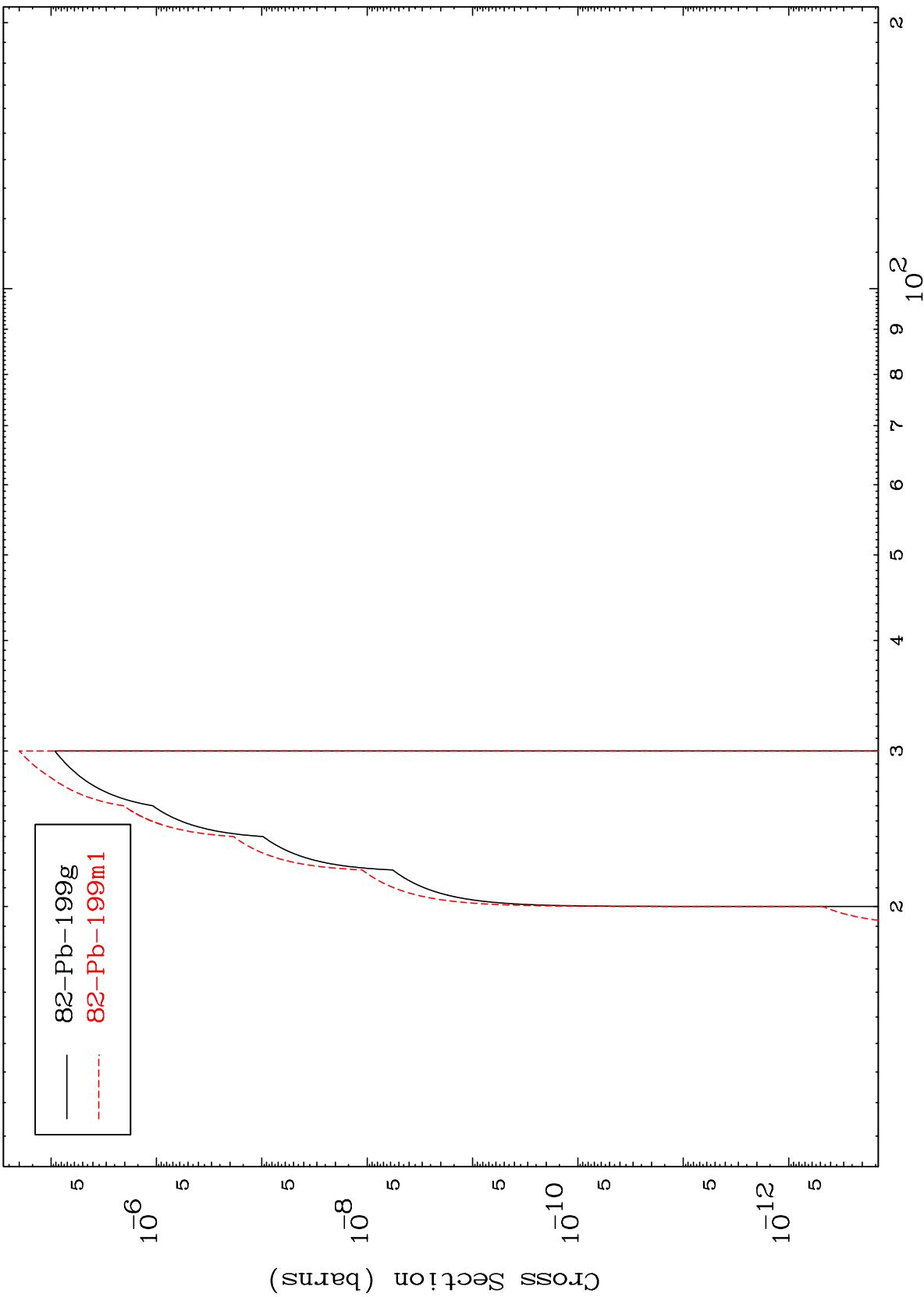


MAT 8223

$(n,3n) \alpha$

82-Pb-203m

Radionuclide Production Cross Section

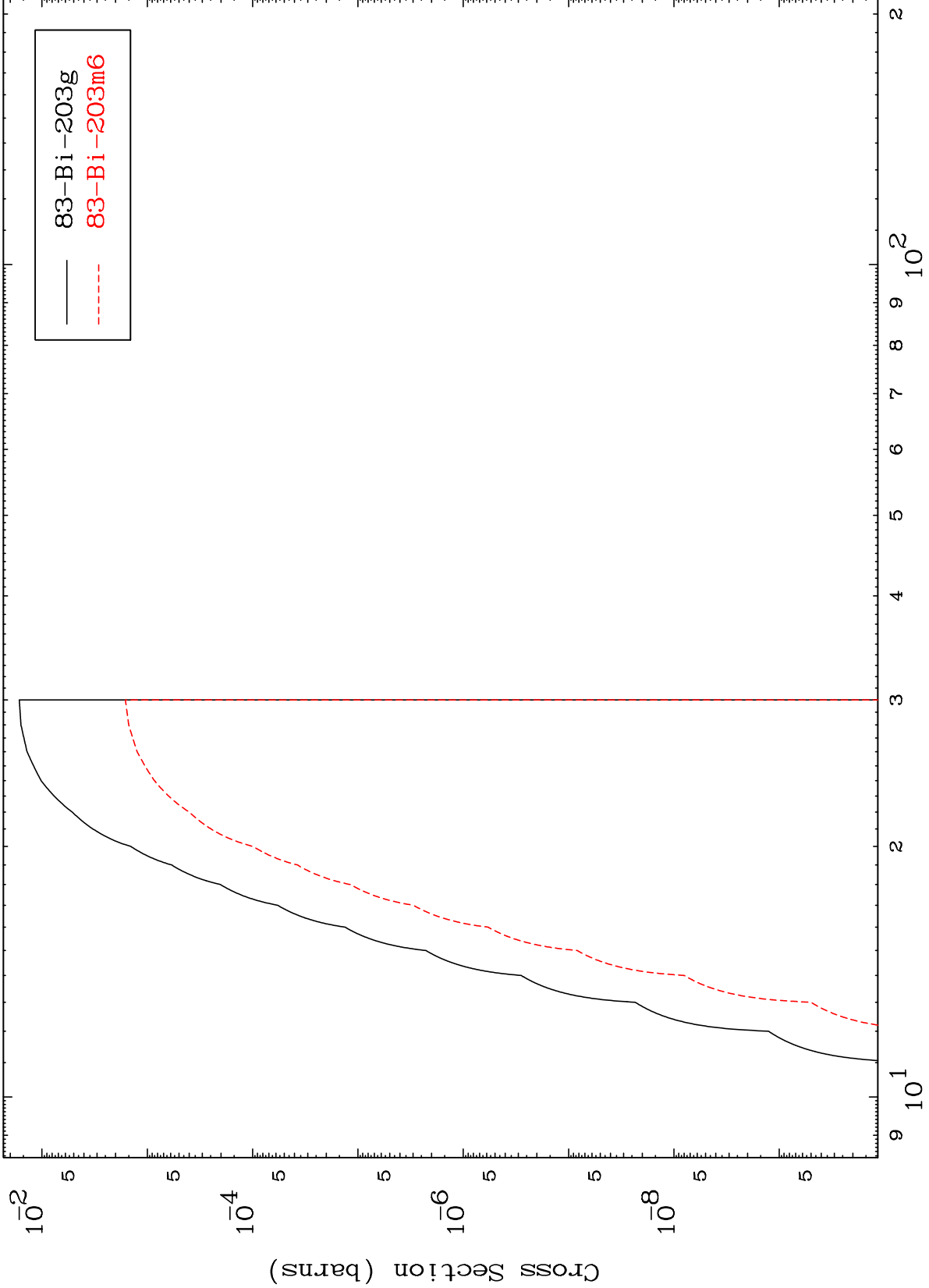


MAT 8223

(n,n') d

82-Pb-203m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

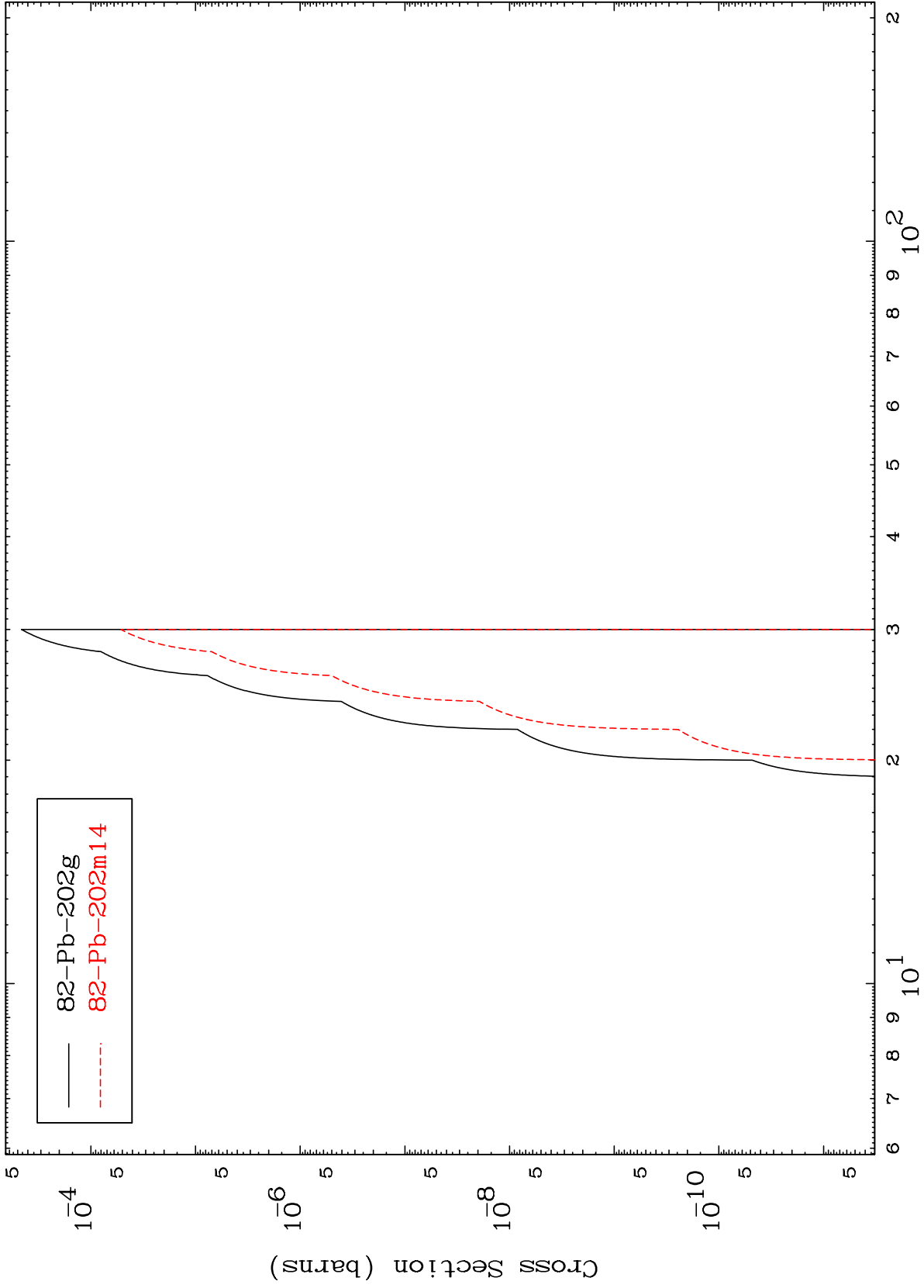
82-Pb-203m

MAT 8223

(n,n') He-3

82-Pb-203m

Radionuclide Production Cross Section



17

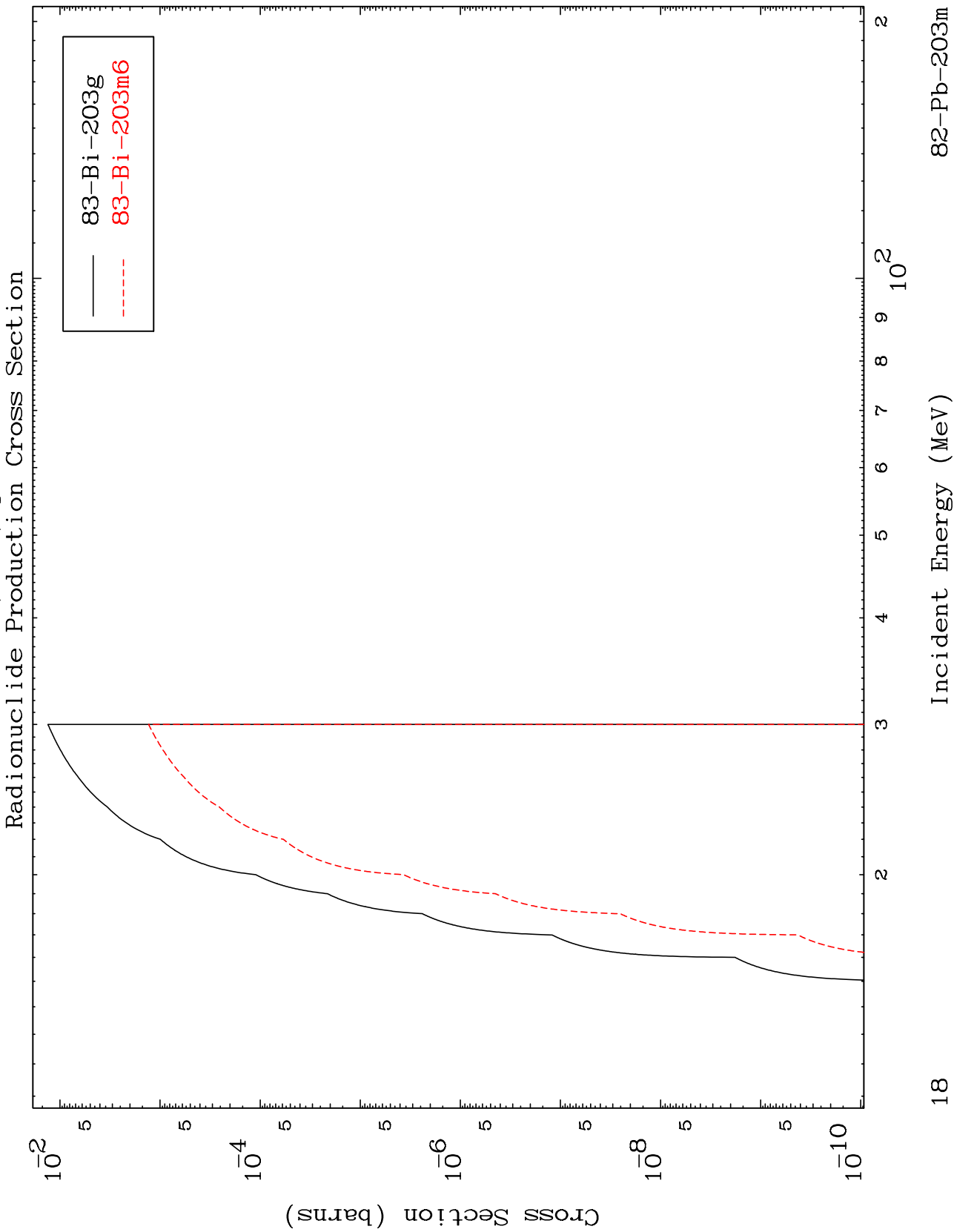
Incident Energy (MeV)

82-Pb-203m

MAT 82223

(n,2n) p

82-Pb-203m



18

Incident Energy (MeV)

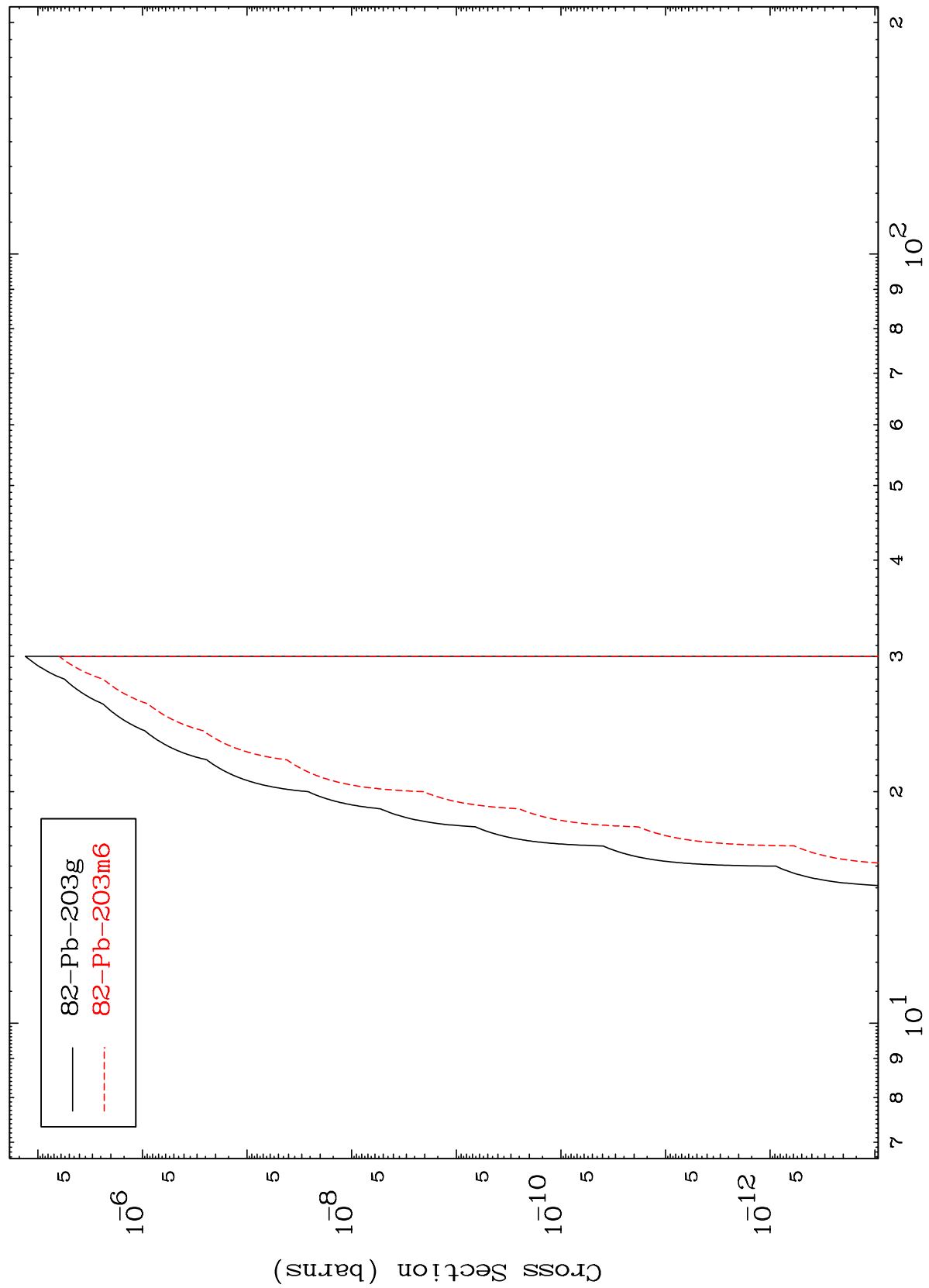
82-Pb-203m

MAT 8223

(n,2n) p

82-Pb-203m

Radionuclide Production Cross Section



19

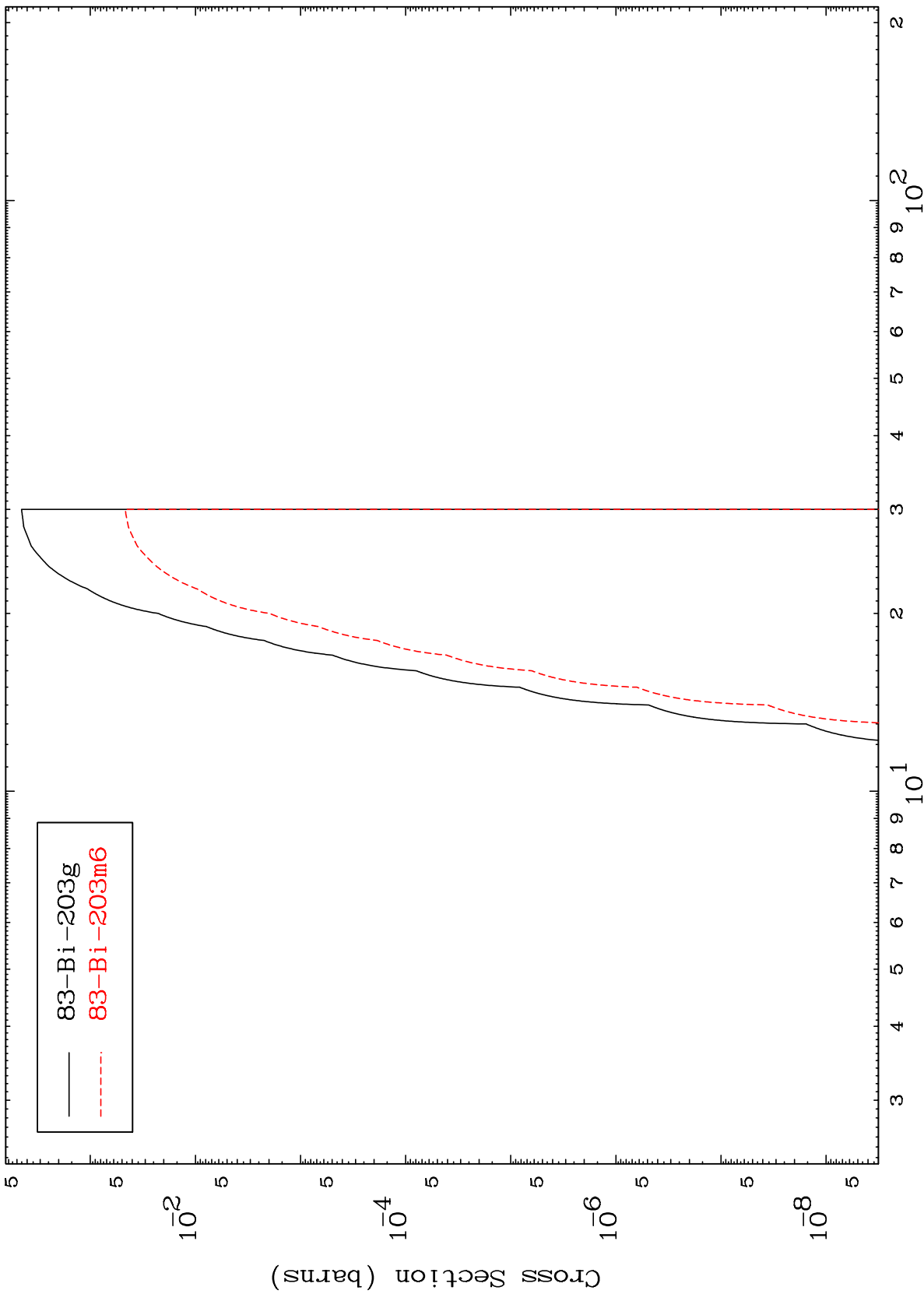
Incident Energy (MeV)

82-Pb-203m

MAT 8223

82-Pb-203m

(n, t)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

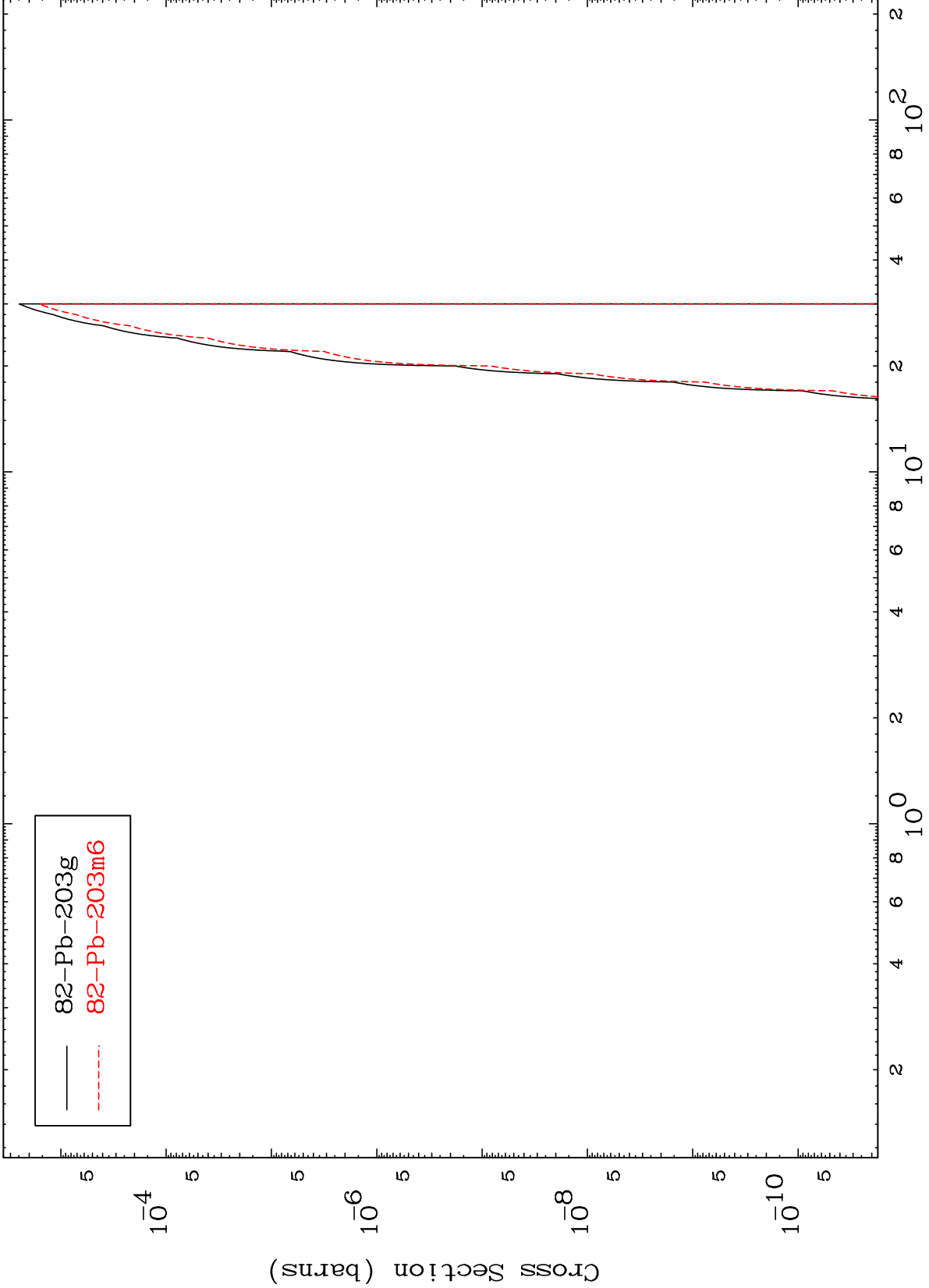
82-Pb-203m

MAT 8223

(n,He-3)

82-Pb-203m

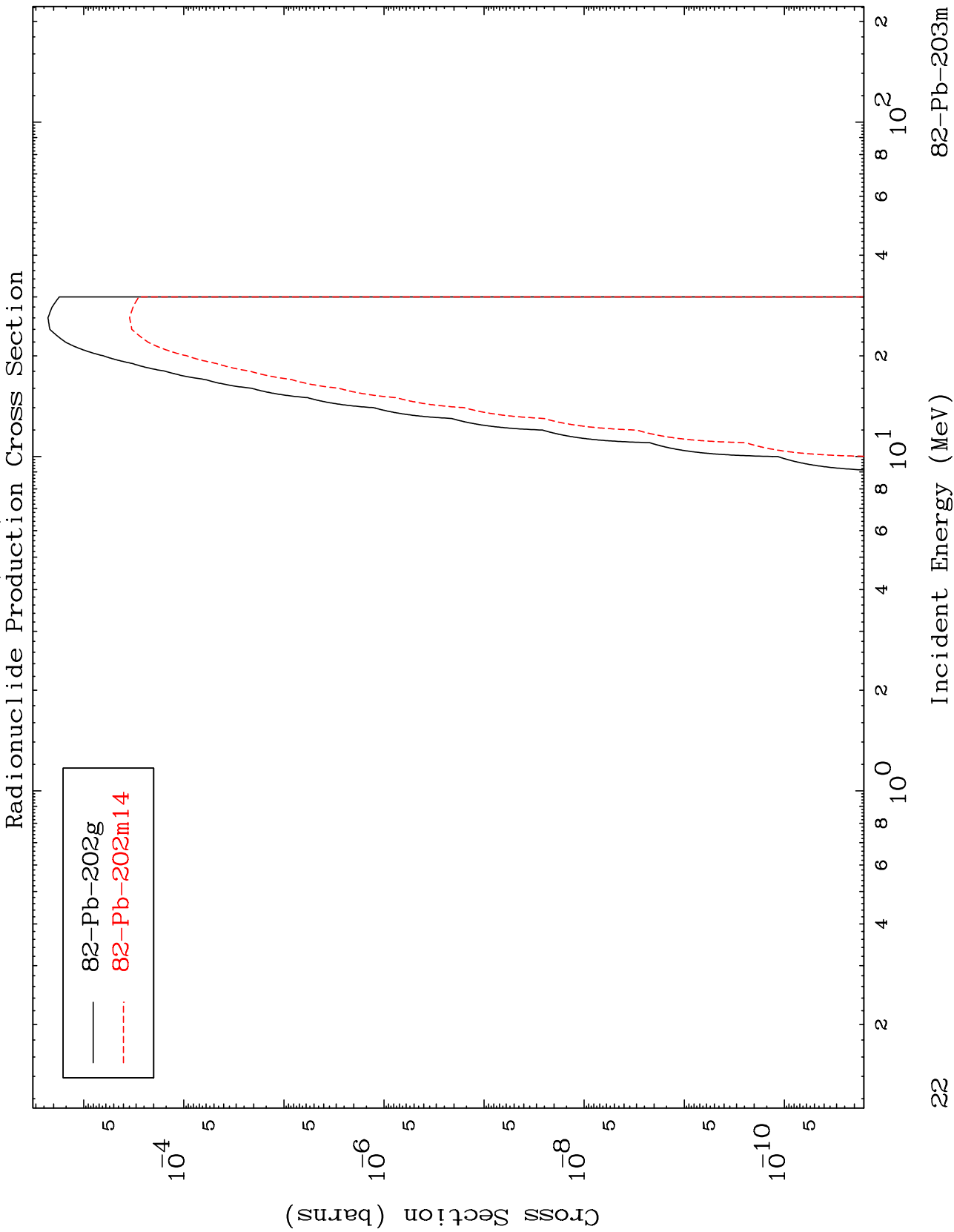
Radionuclide Production Cross Section



82-Pb-203g
82-Pb-203m6

MAT 8223

⁸²Pb-²⁰³m



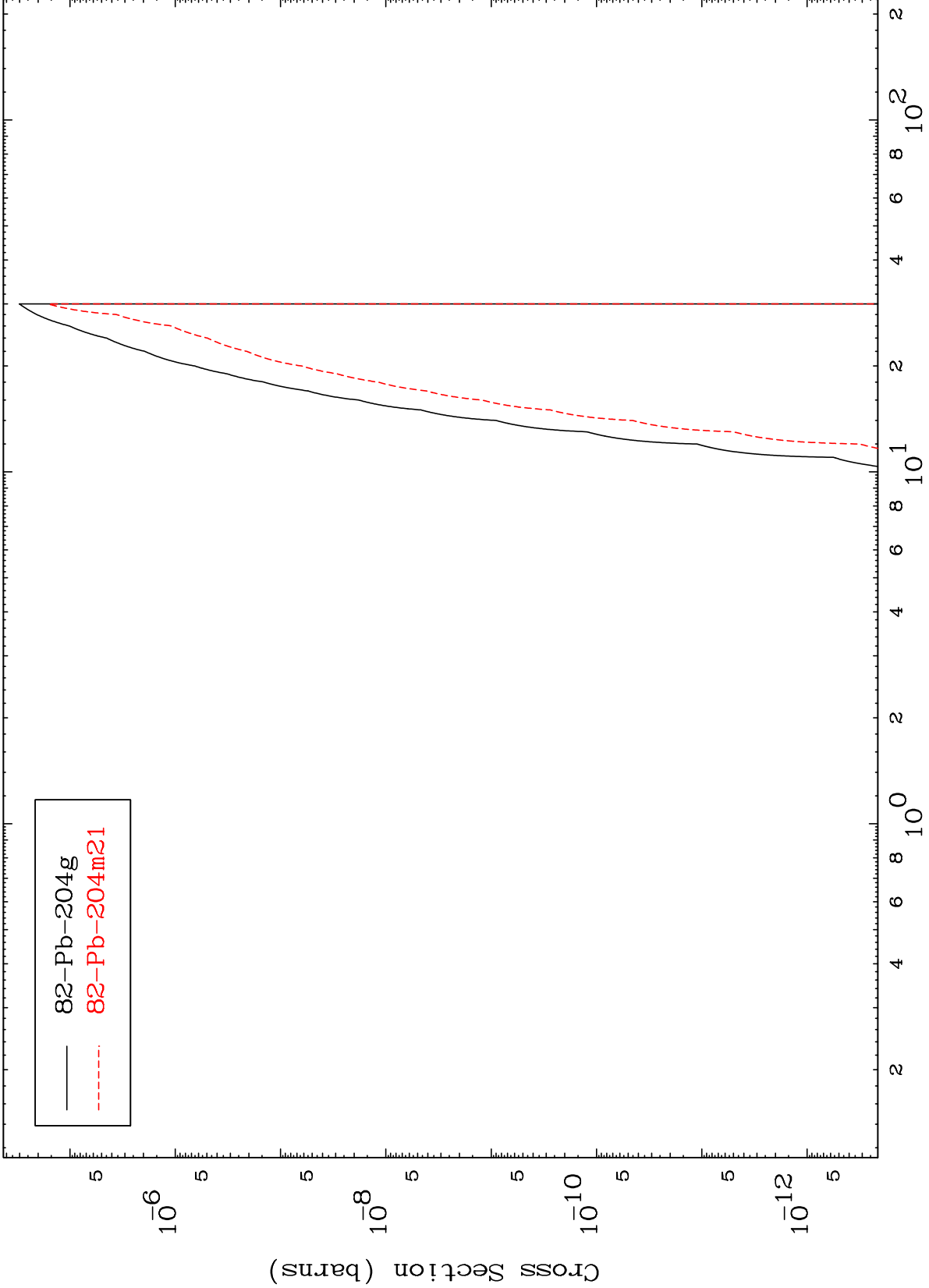
— 82-Pb-202g
- - - 82-Pb-202m14

MAT 8223

(n,2p)

82-Pb-203m

Radionuclide Production Cross Section

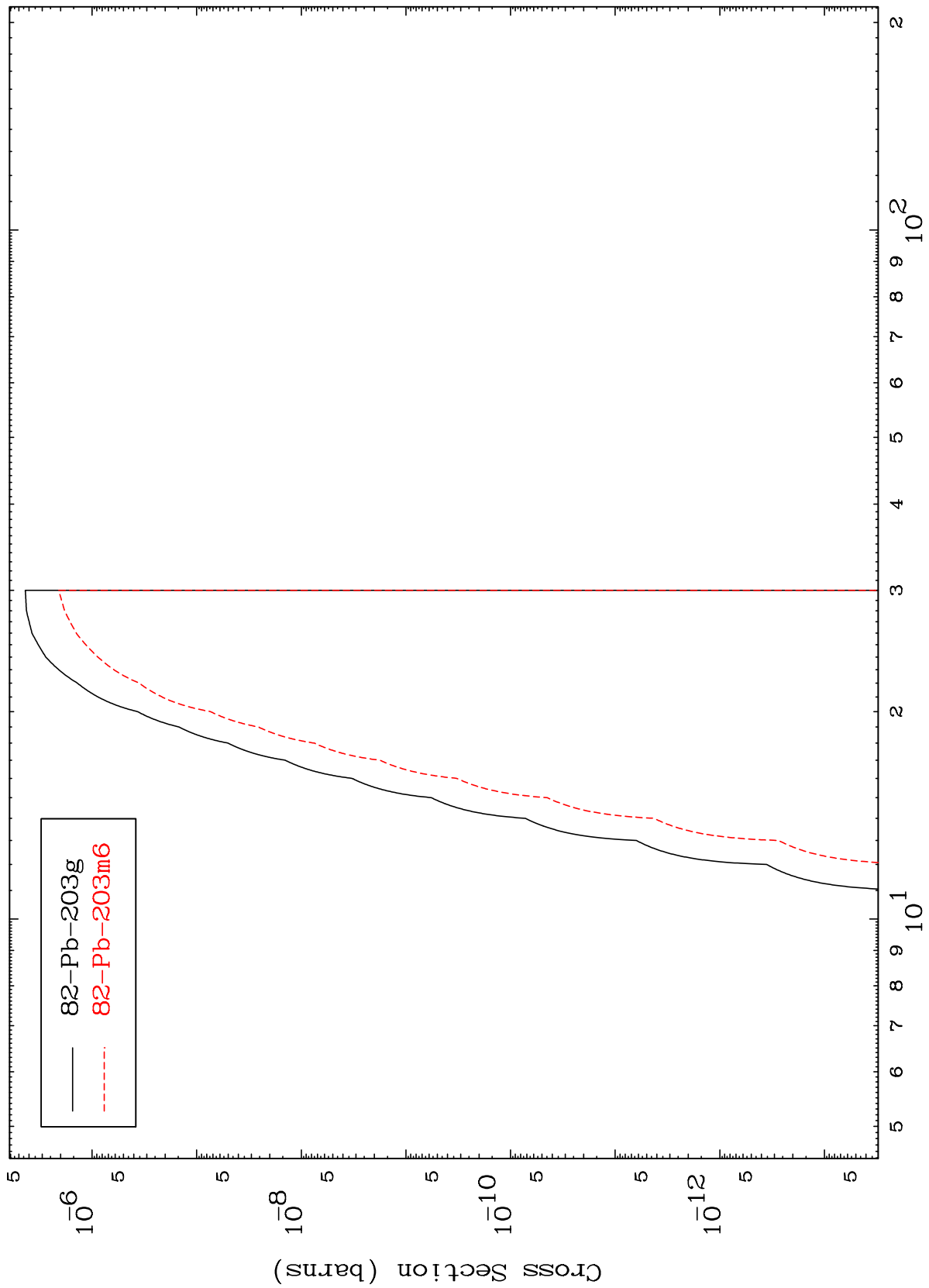


MAT 8223

(n,p) d

82-Pb-203m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

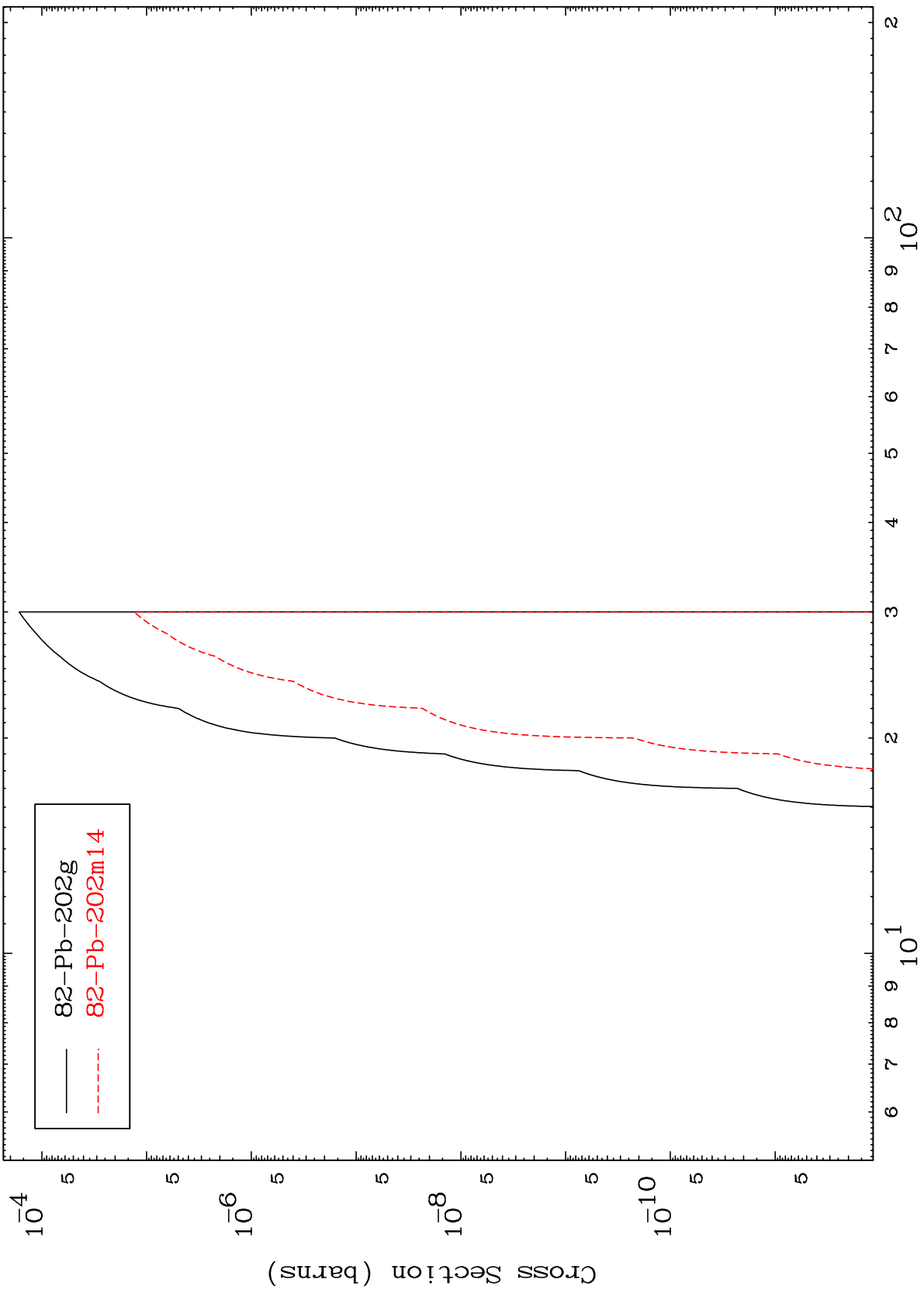
82-Pb-203m

MAT 8223

(n,p) t

82-Pb-203m

Radionuclide Production Cross Section



82-Pb-202g
82-Pb-202m14

25

Incident Energy (MeV)

82-Pb-203m