

Program EVALPLOT
(Version 2021-1)

by

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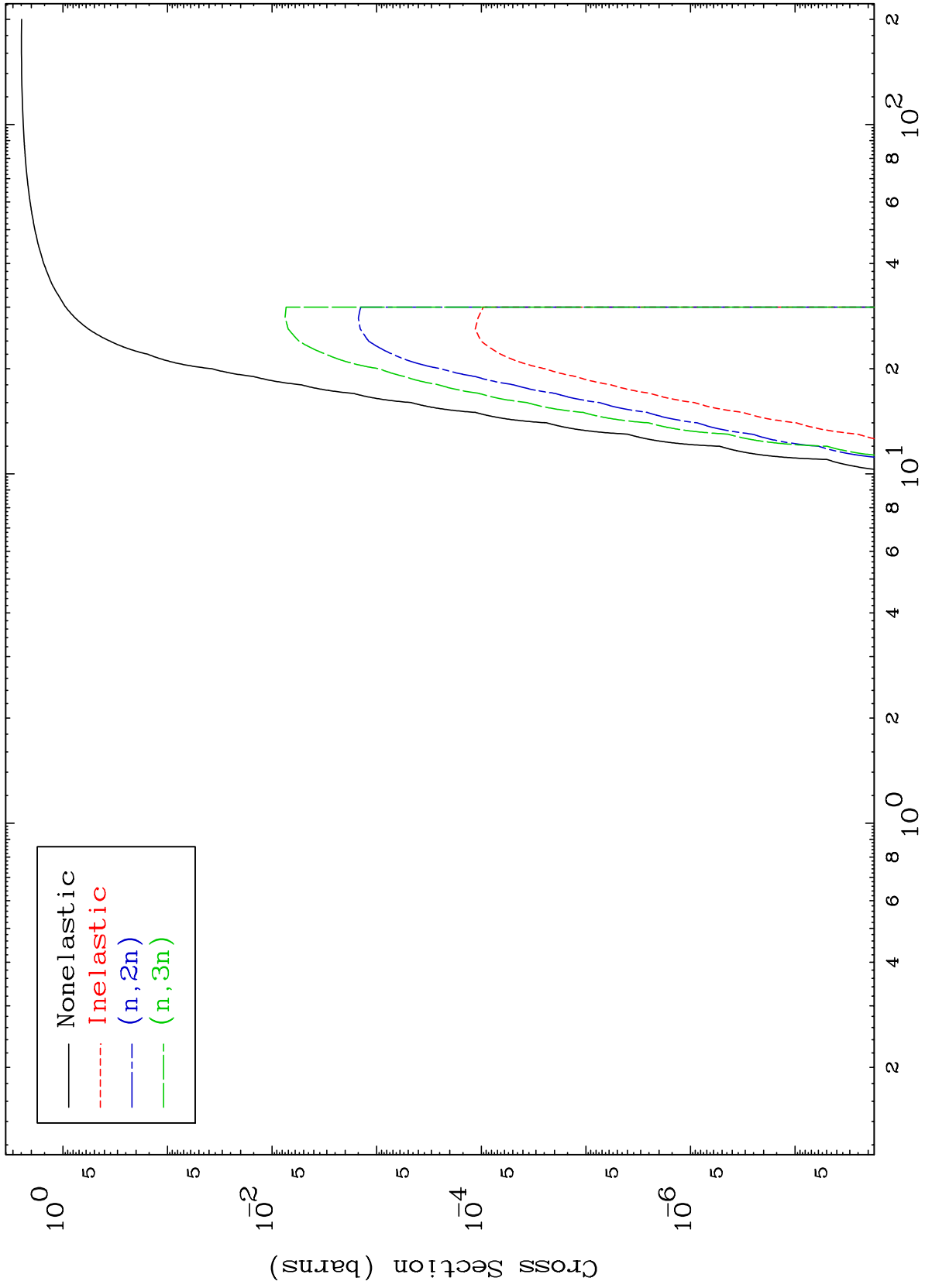
Press Mouse Button to Start

MAT 8336

He-3 Major

83-Bi-212n

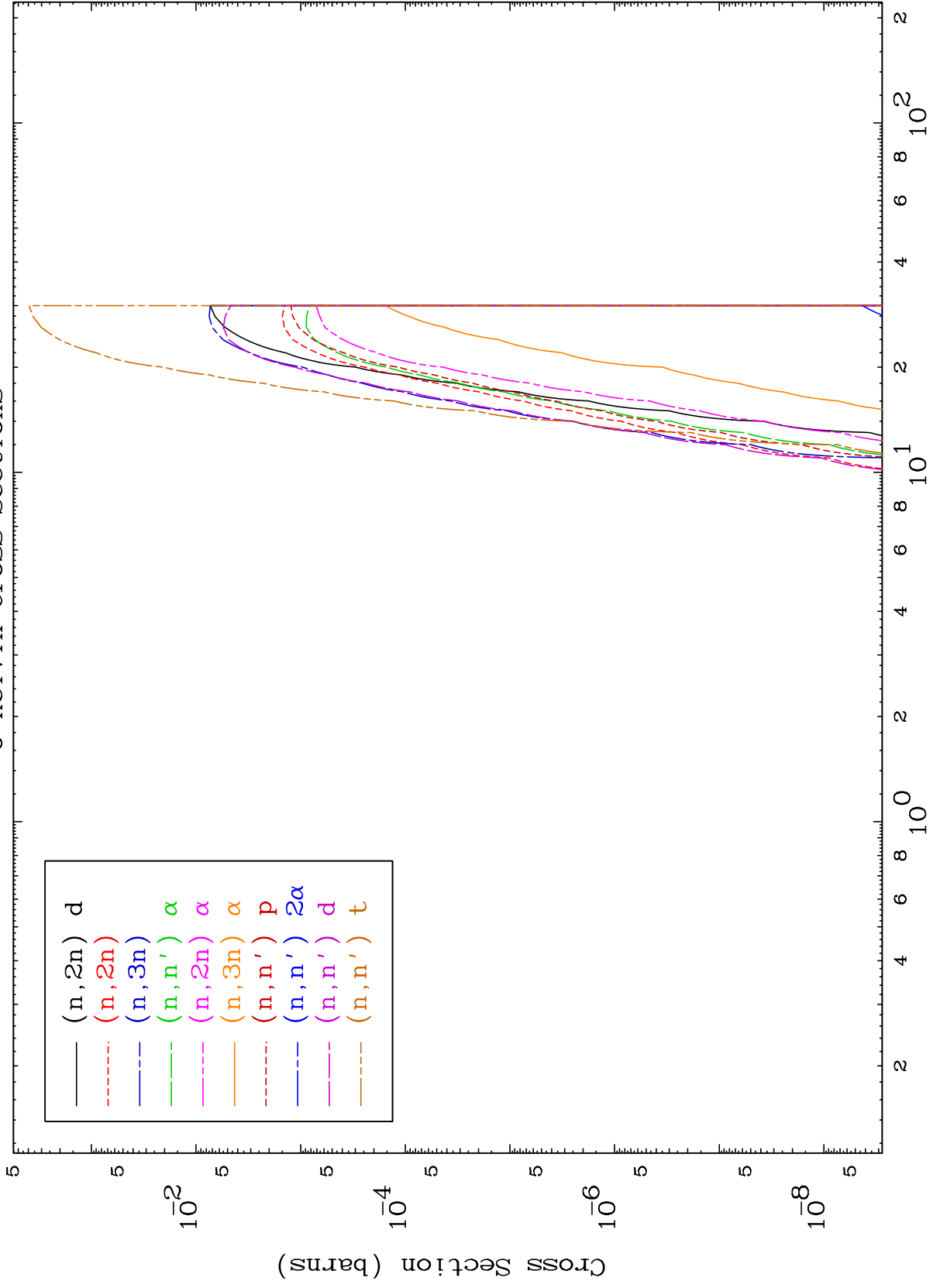
0 Kelvin Cross Sections



MAT 8336

He-3 Neutron Absorption
0 Kelvin Cross Sections

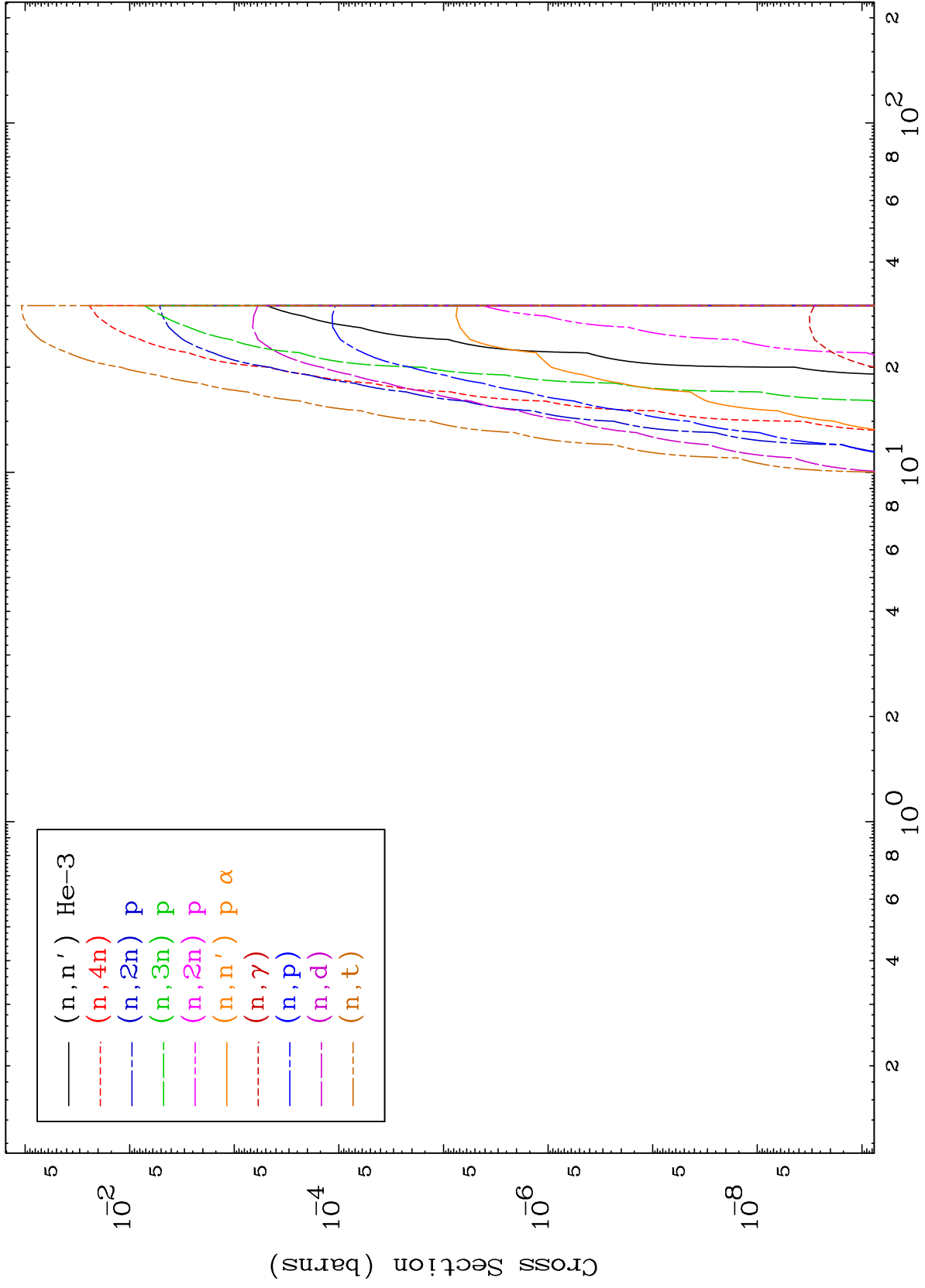
83-Bi-212n



MAT 8336

He-3 Neutron Absorption
0 Kelvin Cross Sections

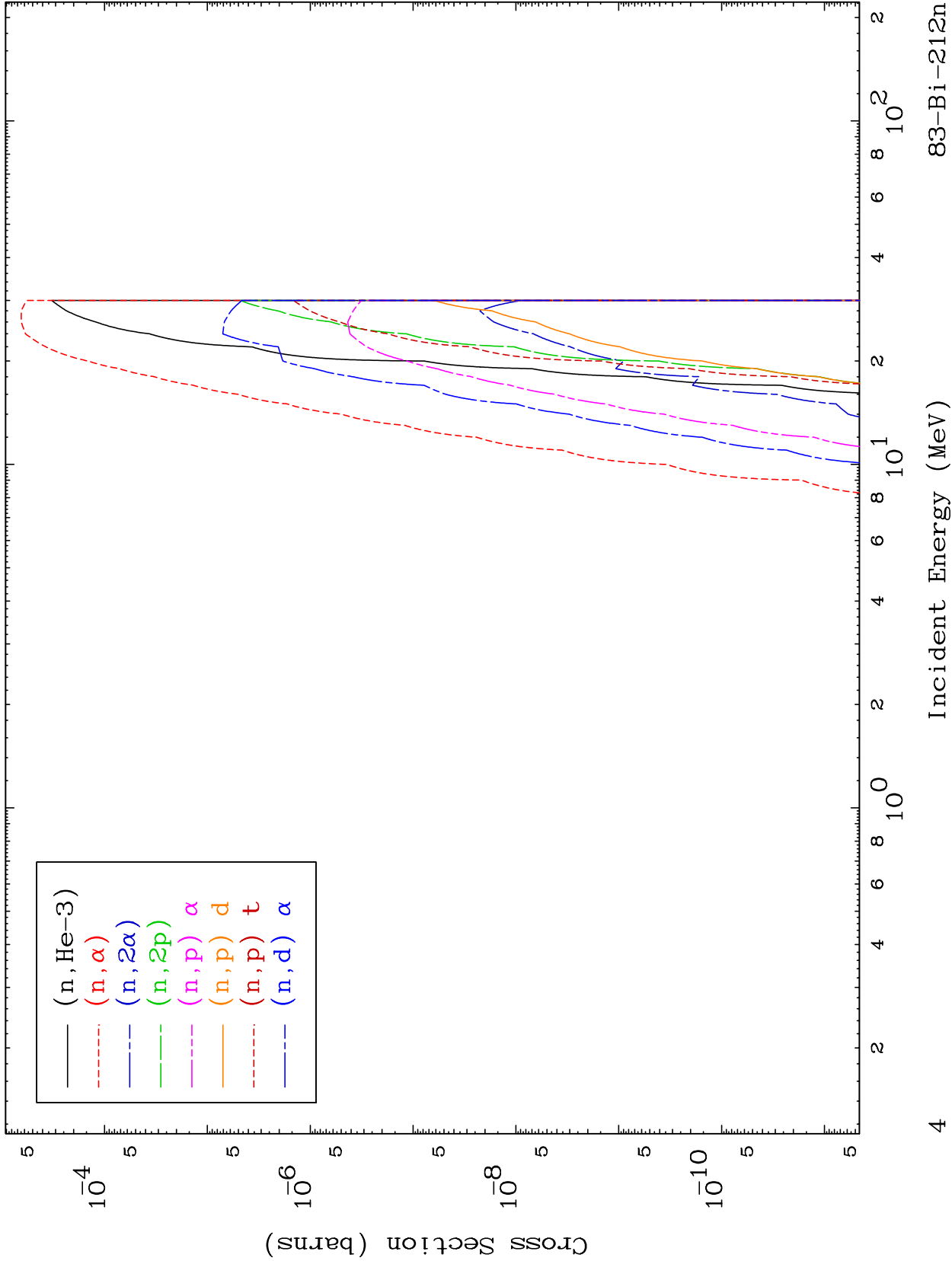
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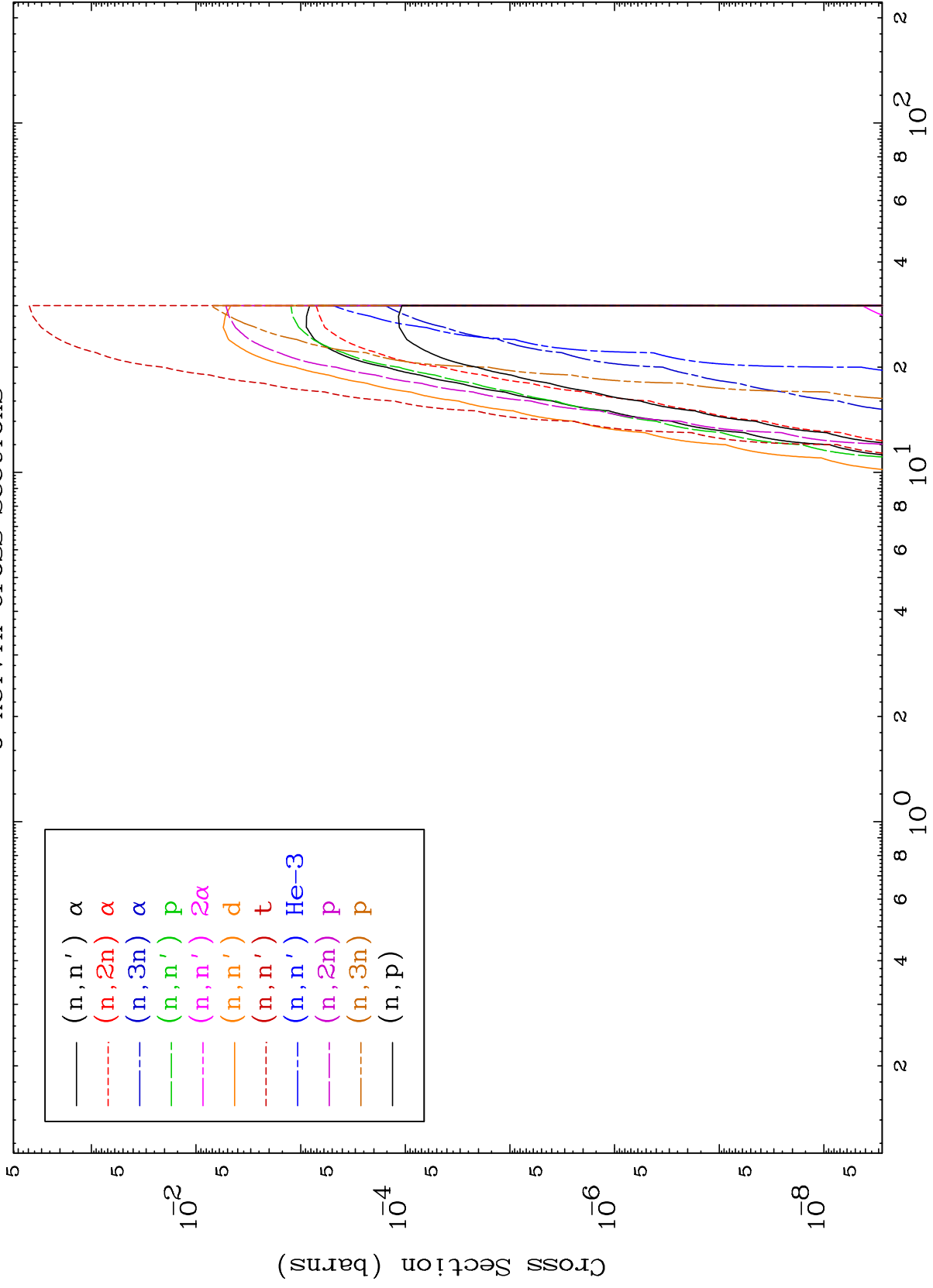


MAT 8336

He-3 Neutron Absorption
0 Kelvin Cross Sections

83-Bi-212n

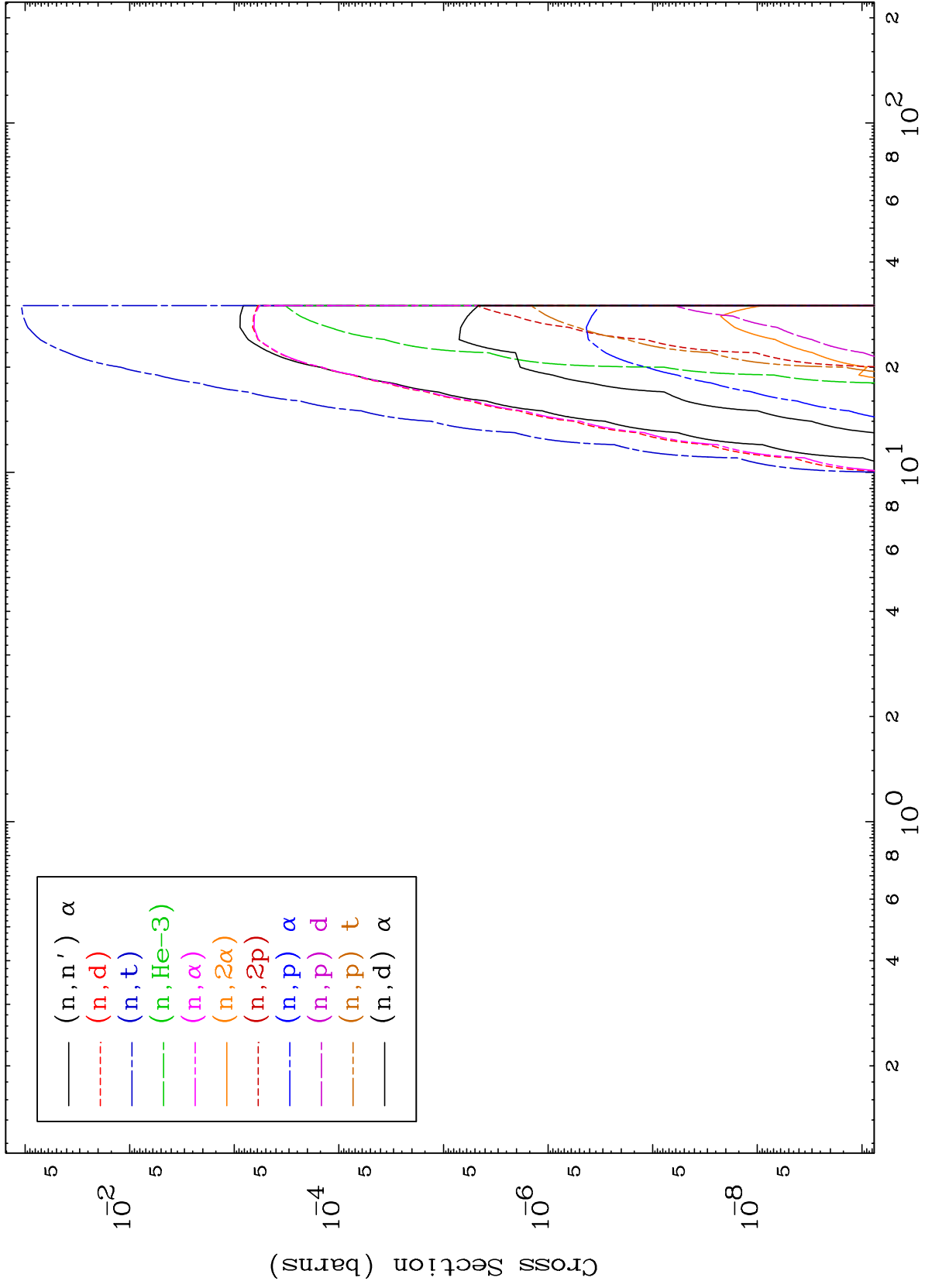




MAT 8336

He-3 Charged Particle
0 Kelvin Cross Sections

83-Bi-212n

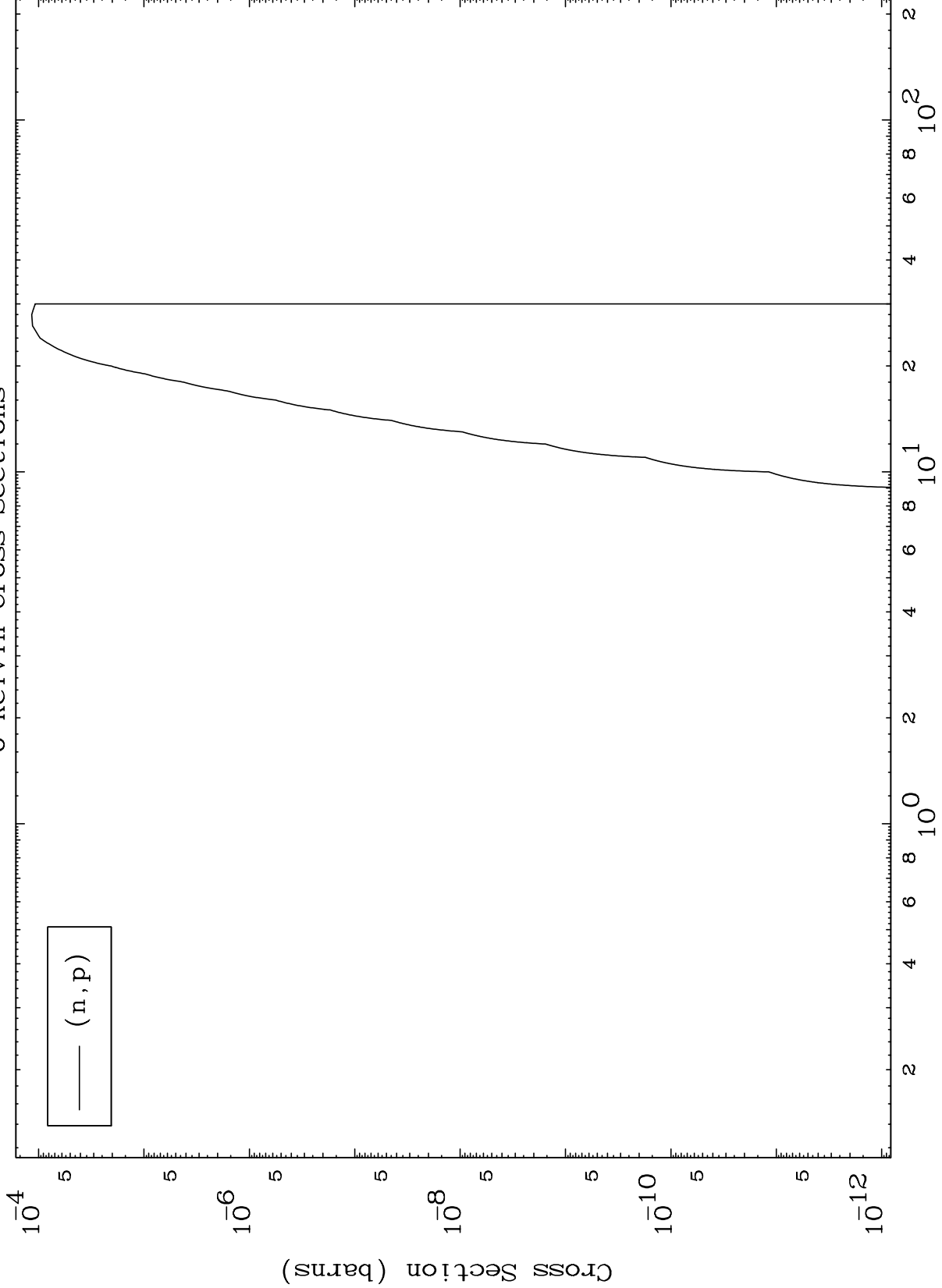


MAT 8336

(He-3,p) Levels

83-Bi-212n

0 Kelvin Cross Sections

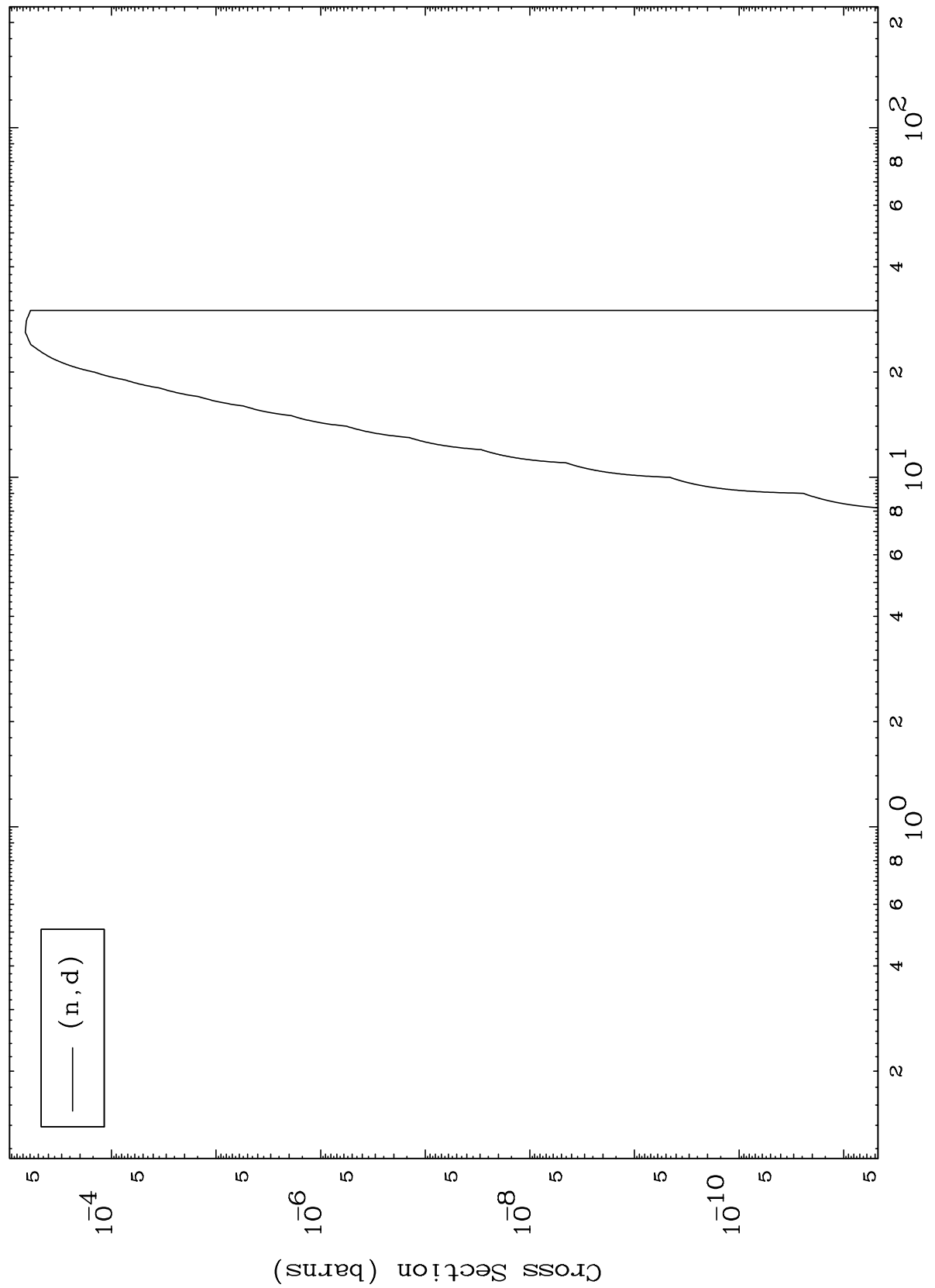


MAT 8336

(He-3,d) Levels

83-Bi-212n

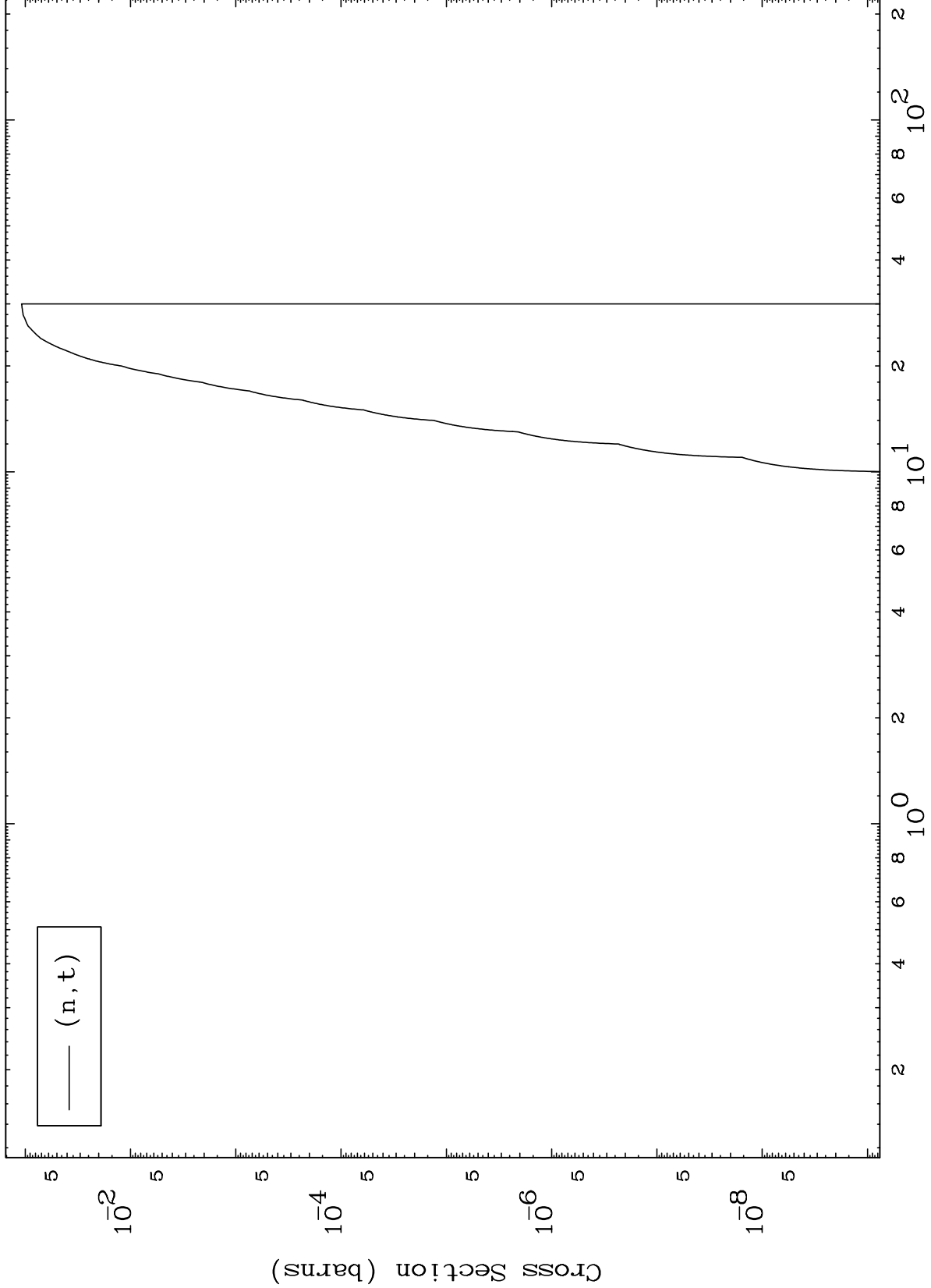
0 Kelvin Cross Sections



MAT 8336

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

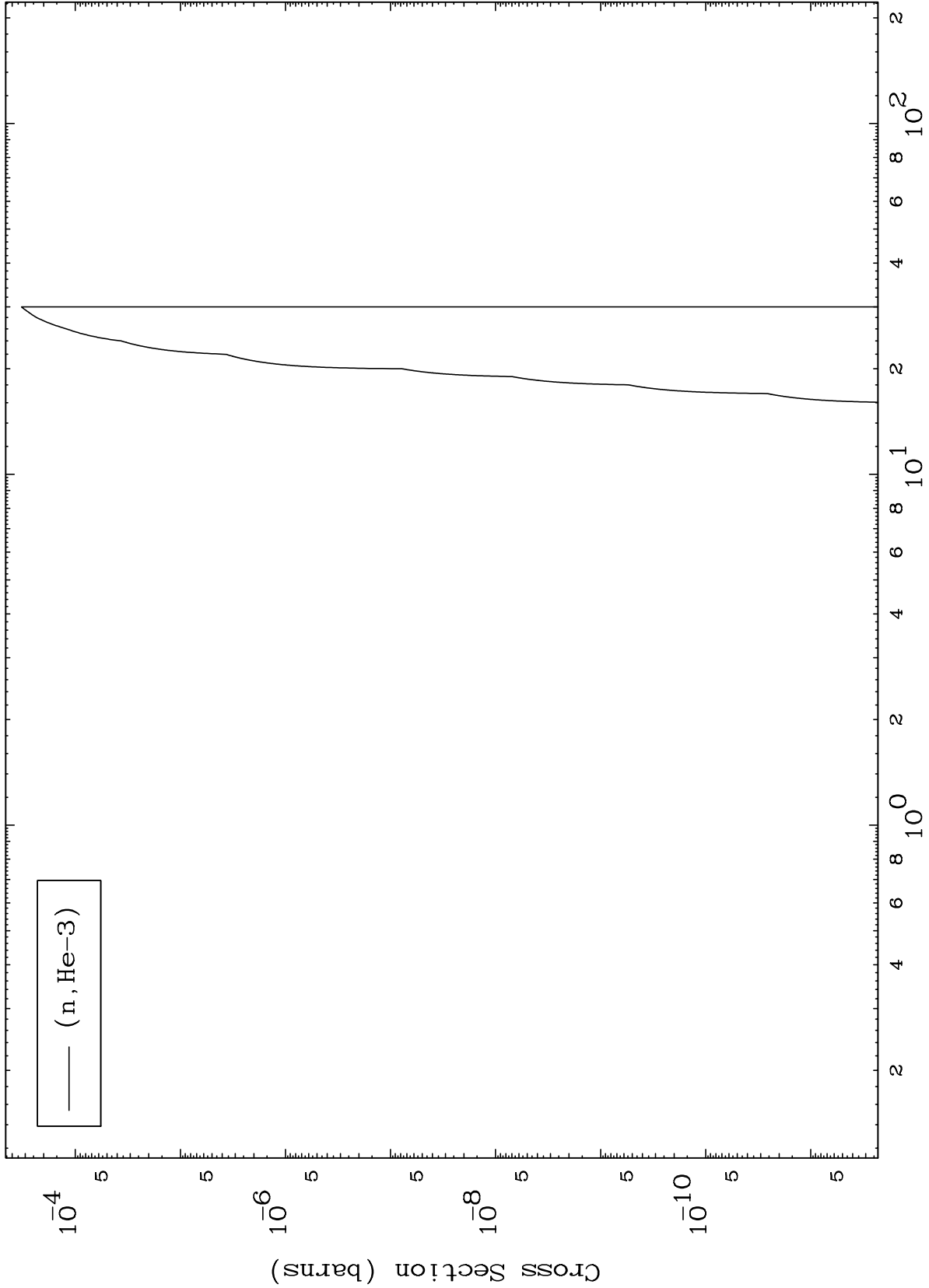
83-Bi-212n



MAT 8336

(He-3, He3) Levels
0 Kelvin Cross Sections

83-Bi-212n



(n, He-3)

10

Incident Energy (MeV)

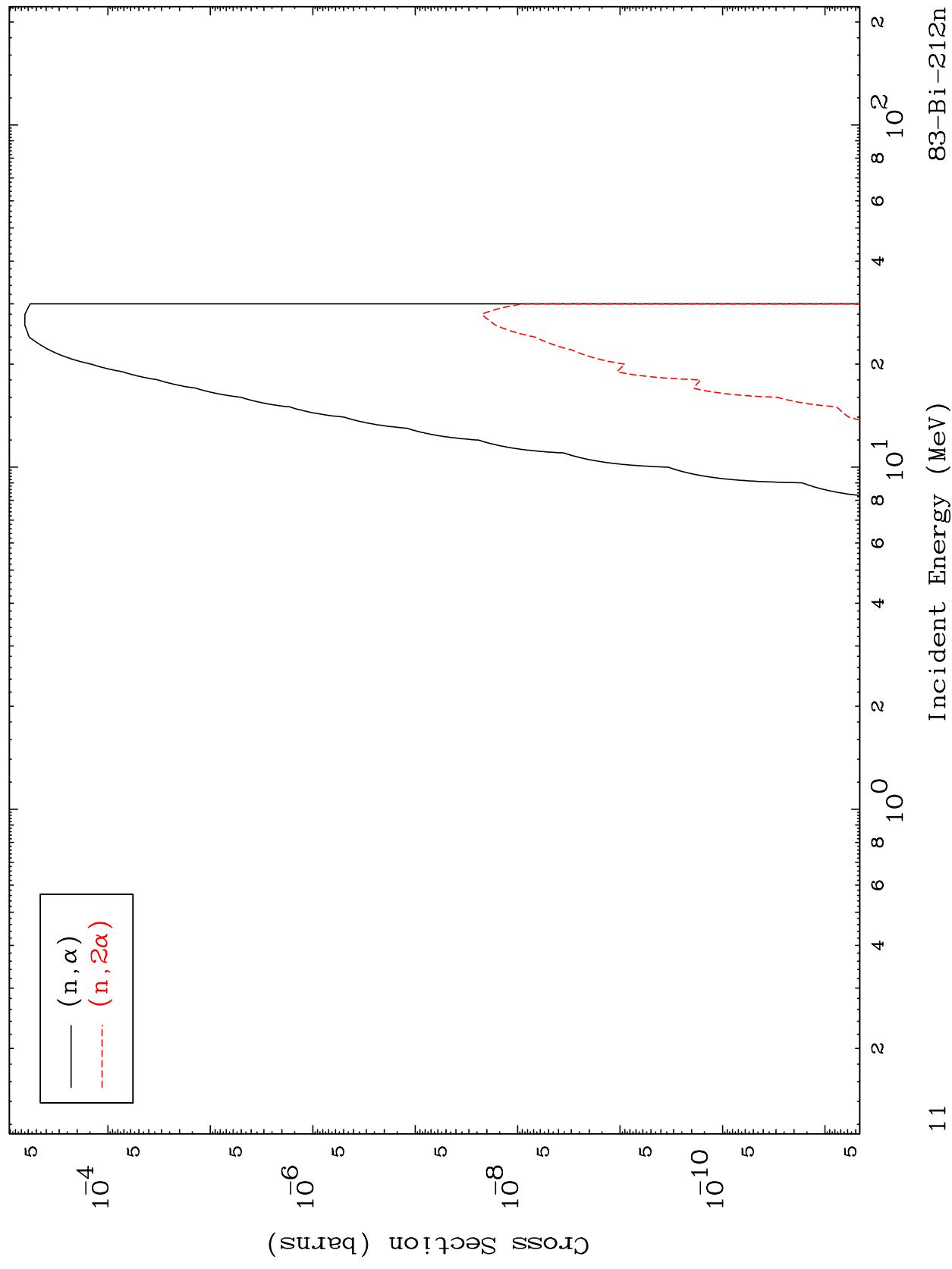
83-Bi-212n

MAT 8336

(He-3, α) Levels

83-Bi-212n

0 Kelvin Cross Sections

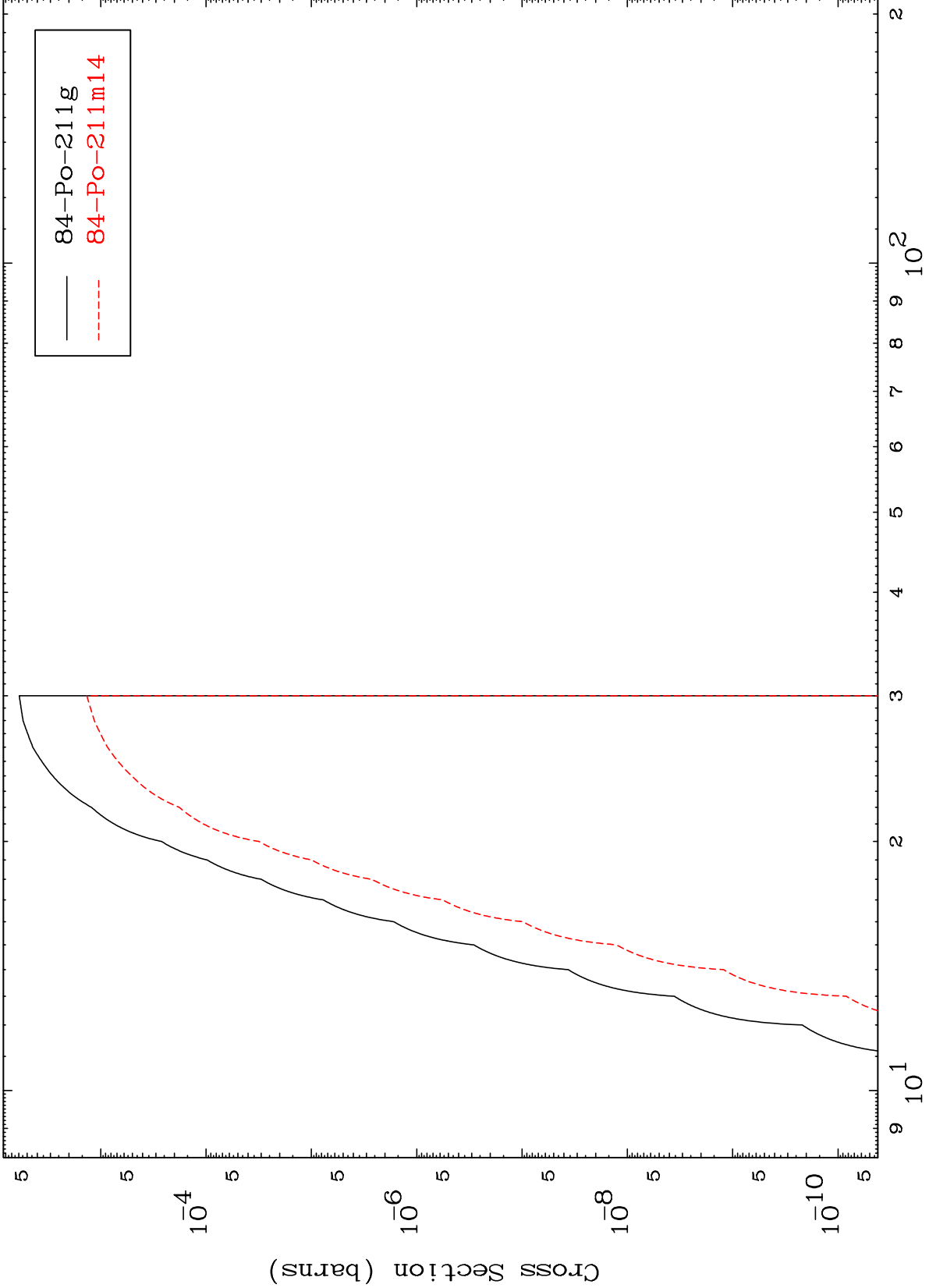


MAT 8336

(n,2n) d

83-Bi-212n

Radionuclide Production Cross Section



12

Incident Energy (MeV)

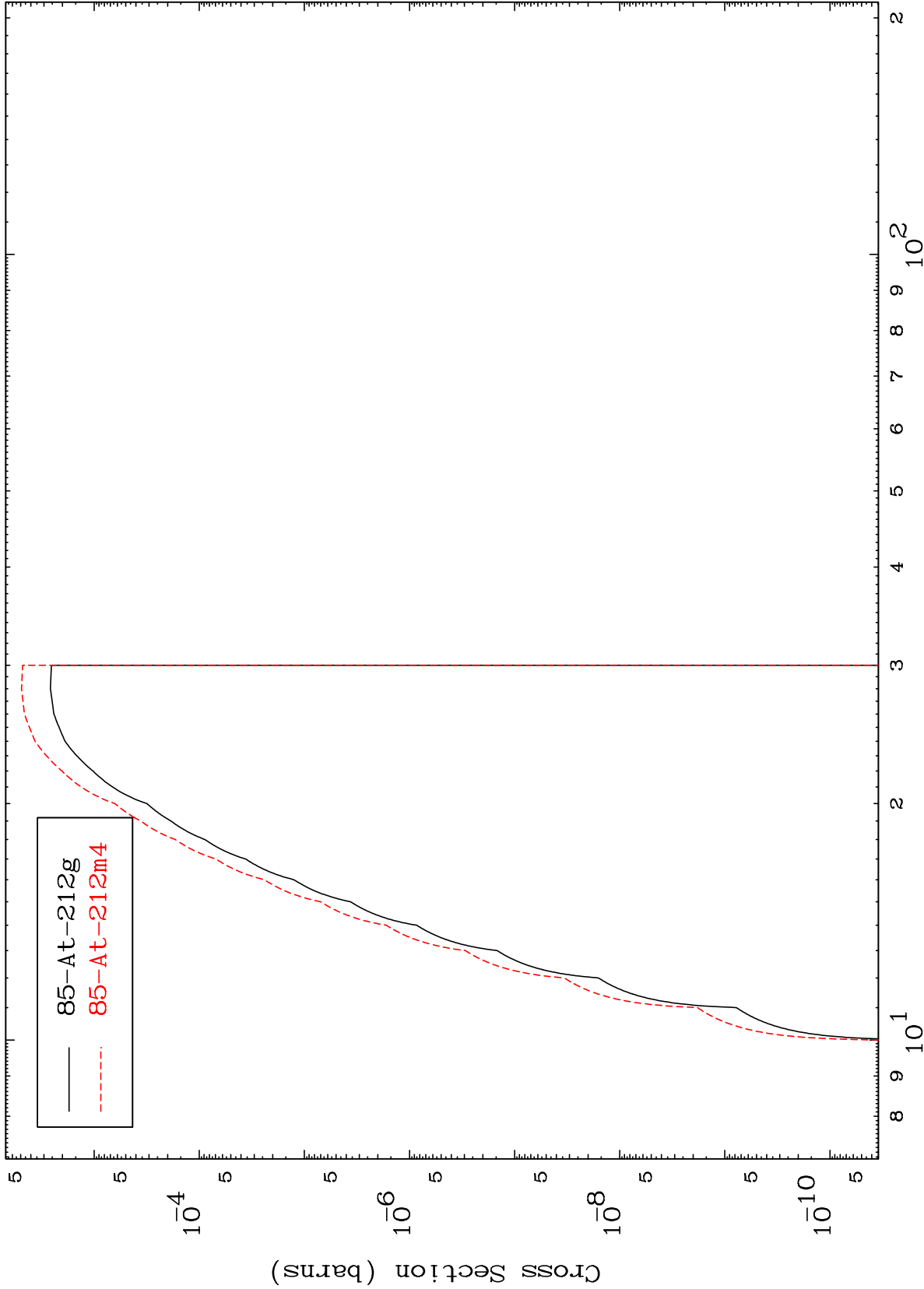
83-Bi-212n

MAT 8336

(n,3n)

⁸³Bi-²¹²n

Radionuclide Production Cross Section



13

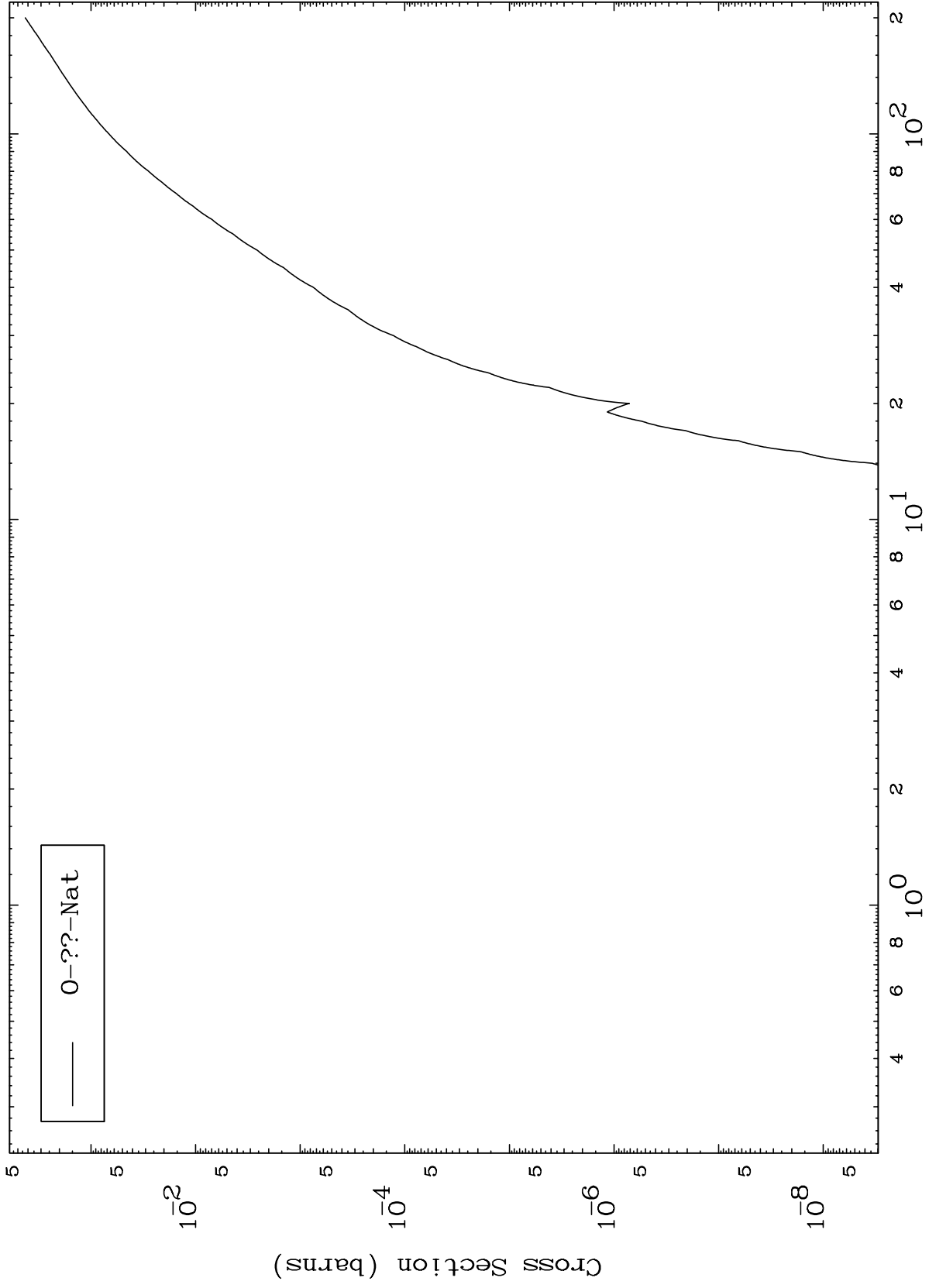
Incident Energy (MeV)

⁸³Bi-²¹²n

MAT 8336

Fission
Radionuclide Production Cross Section

⁸³Bi-²¹²n



14

Incident Energy (MeV)

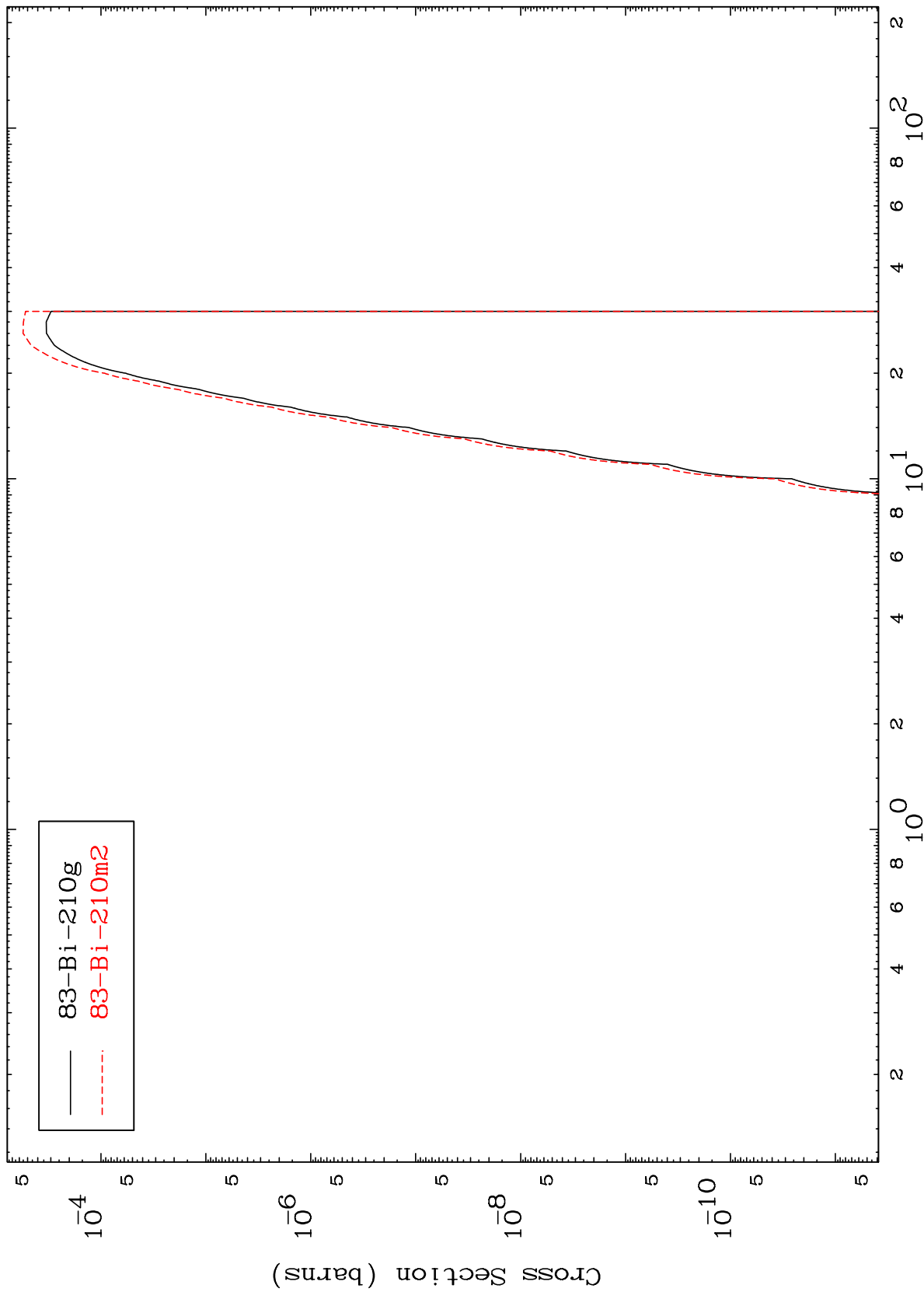
⁸³Bi-²¹²n

MAT 8336

$(n, n') \alpha$

$^{83}\text{Bi}-^{212}\text{n}$

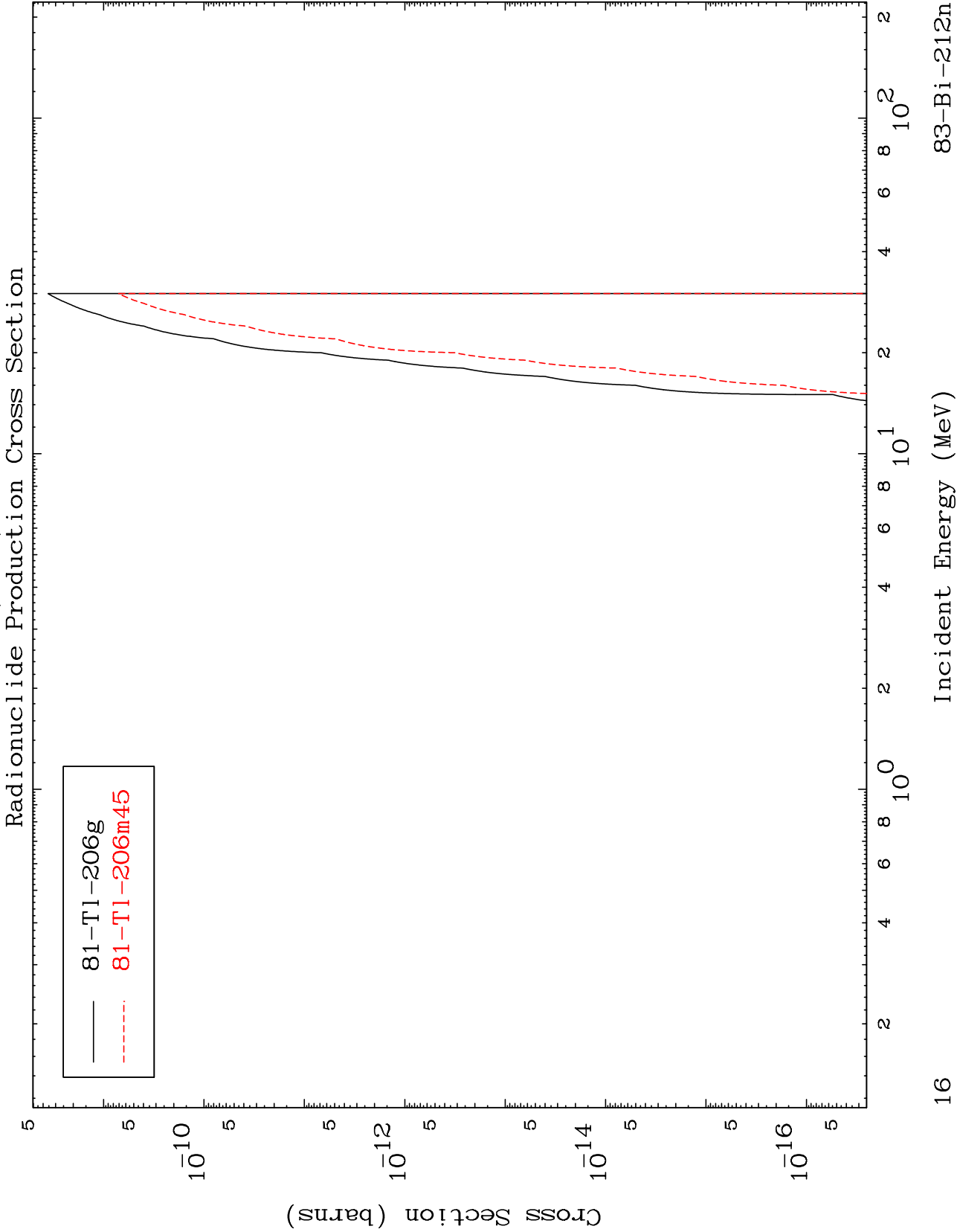
Radionuclide Production Cross Section



MAT 8336

(n,n') 2 α

83-Bi-212n

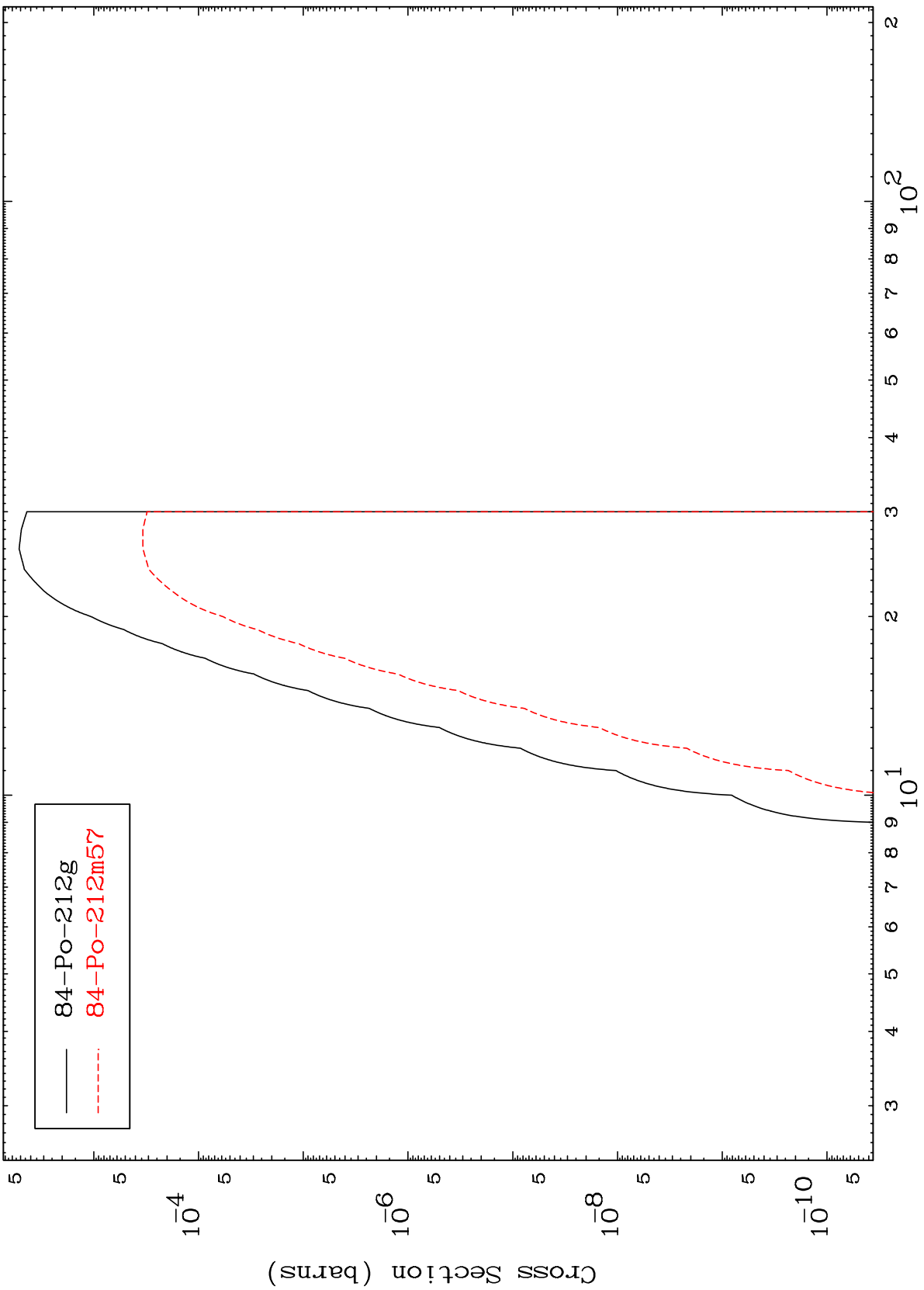


MAT 8336

(n,n') d

83-Bi-212n

Radionuclide Production Cross Section



84-Po-212g
84-Po-212m57

17

Incident Energy (MeV)

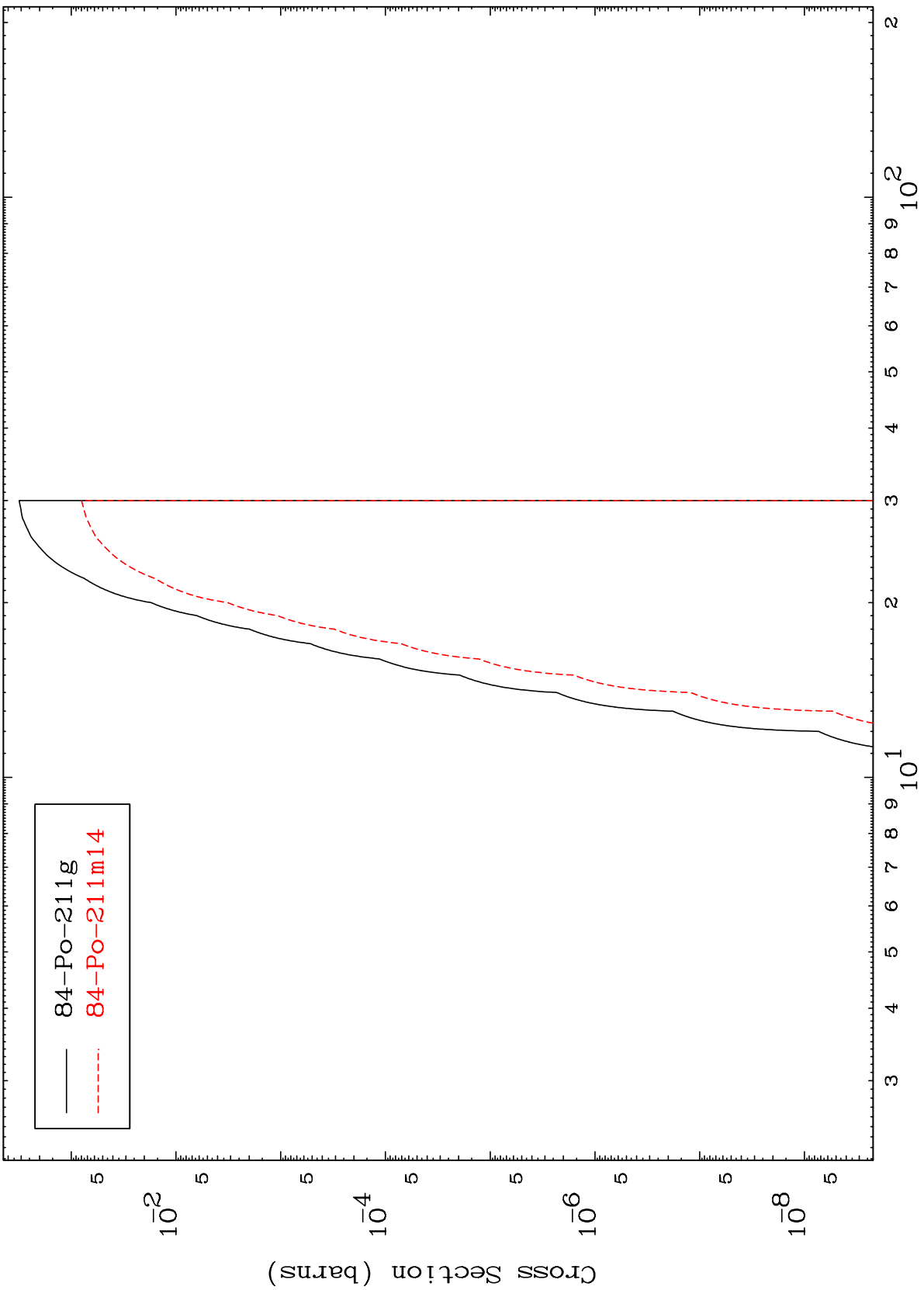
83-Bi-212n

MAT 8336

(n,n') t

83-Bi-212n

Radionuclide Production Cross Section



18

Incident Energy (MeV)

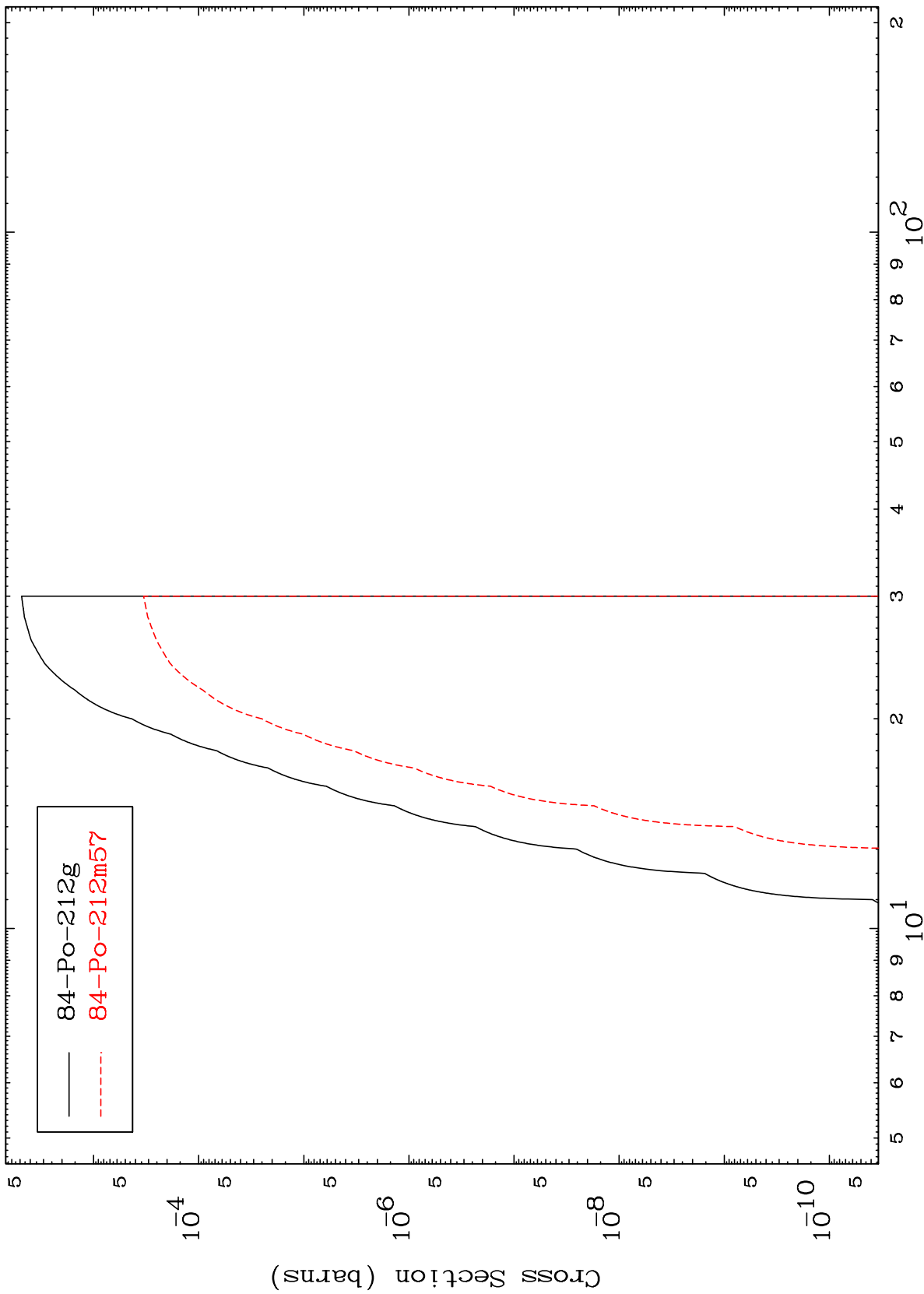
83-Bi-212n

MAT 8336

(n,2n) p

83-Bi-212n

Radionuclide Production Cross Section



19

Incident Energy (MeV)

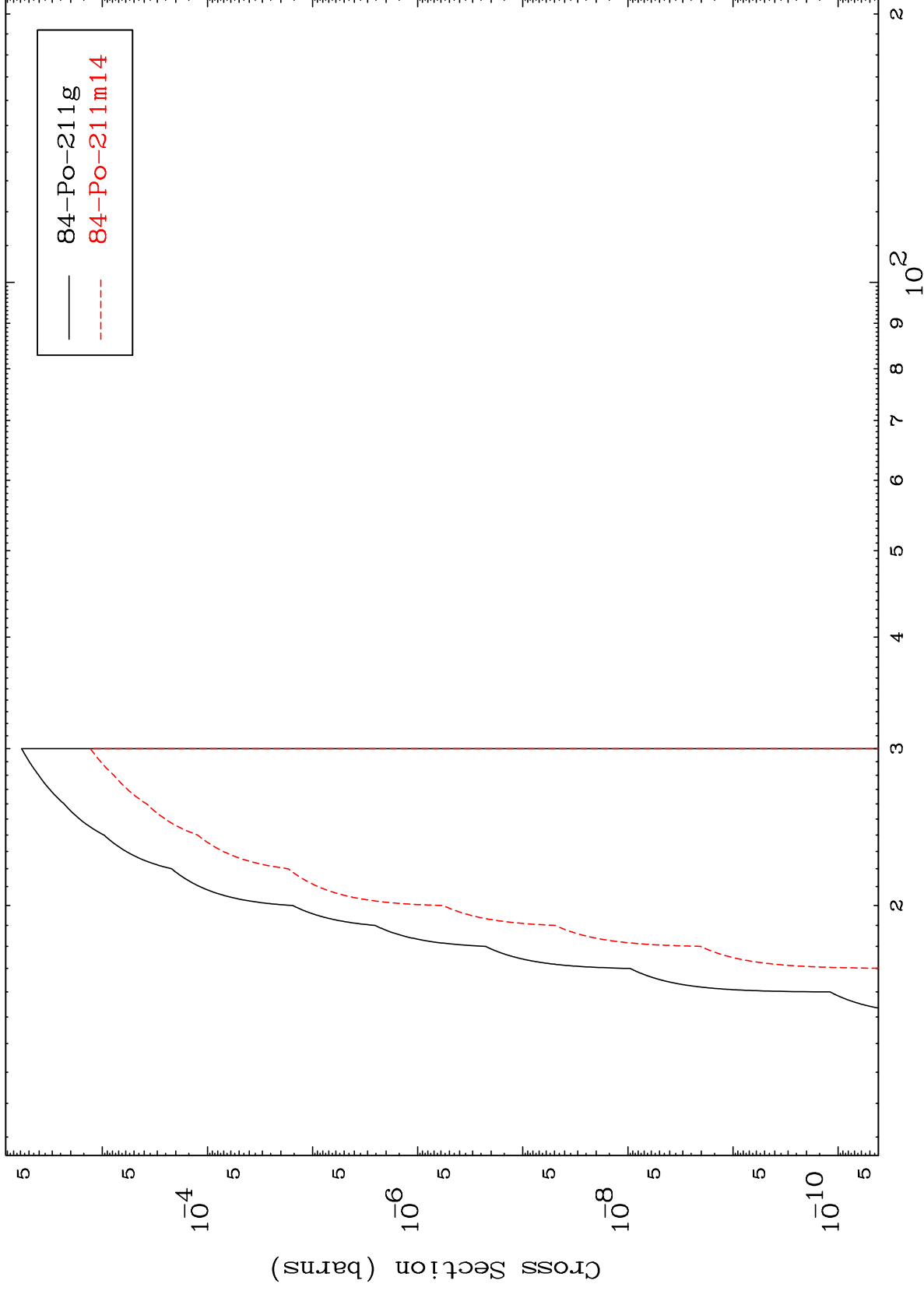
83-Bi-212n

MAT 8336

(n,3n) p

83-Bi-212n

Radionuclide Production Cross Section



20

Incident Energy (MeV)

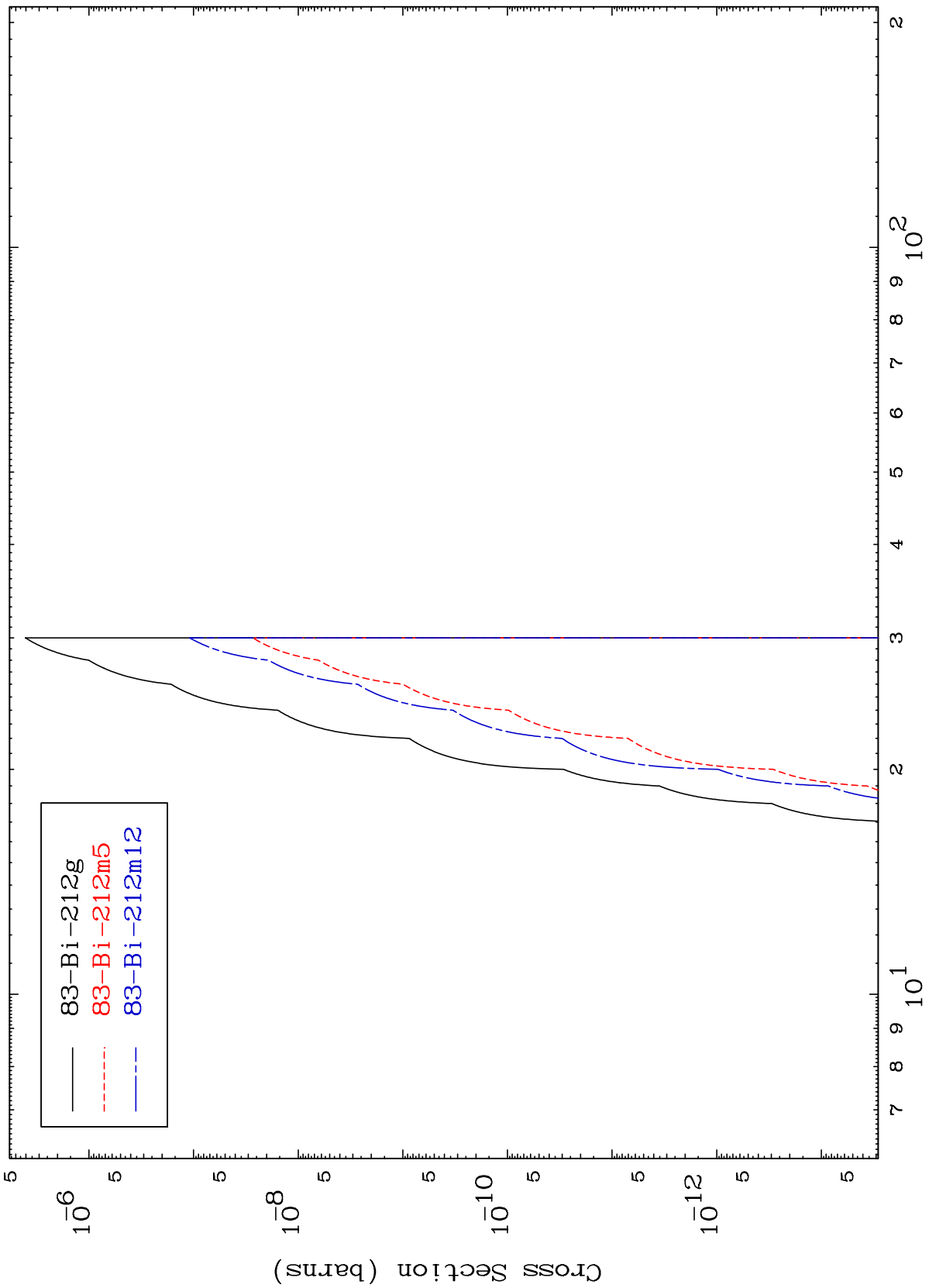
83-Bi-212n

MAT 8336

(n,2n) p

⁸³Bi-²¹²n

Radionuclide Production Cross Section



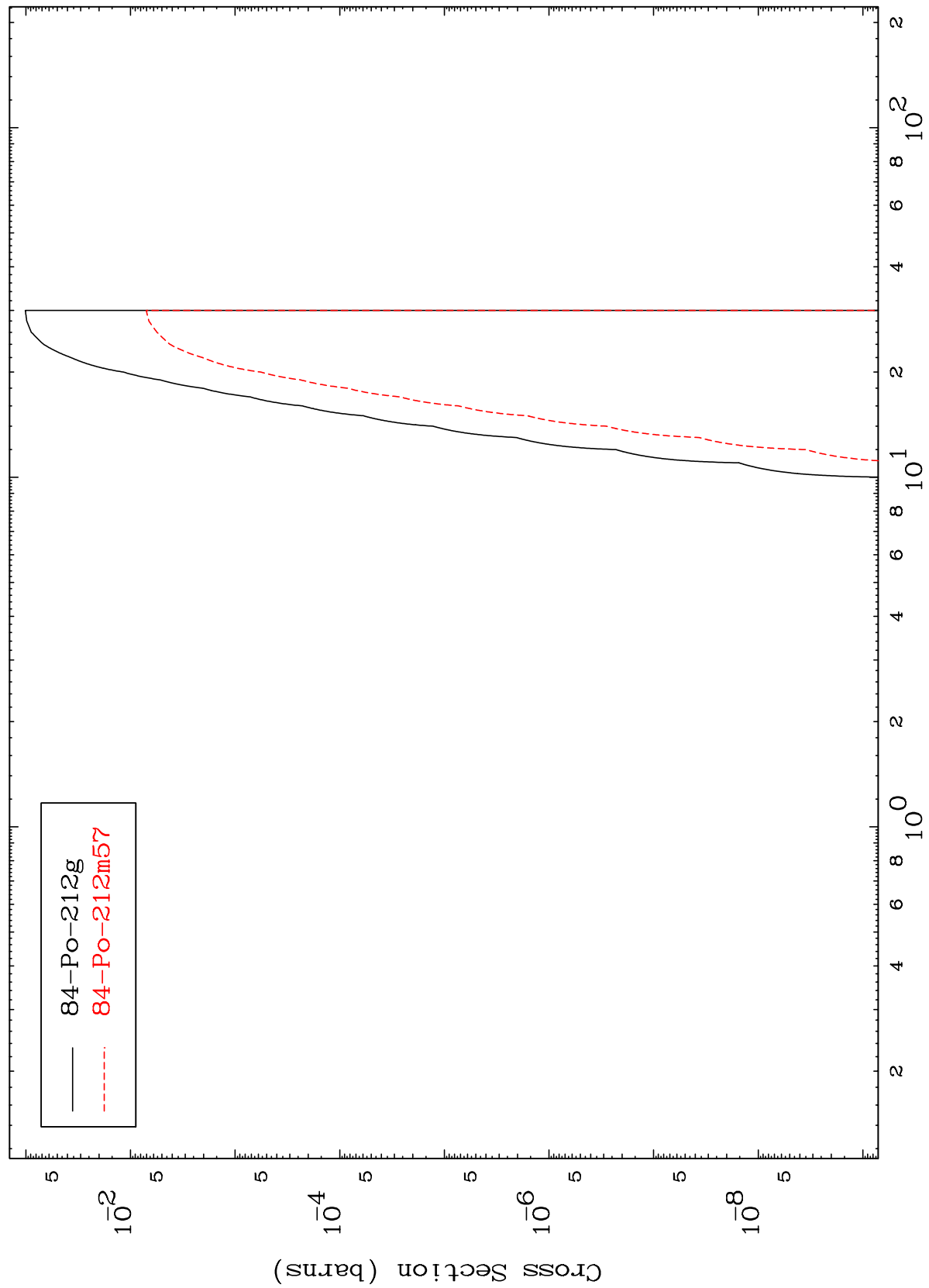
83-Bi-212g
83-Bi-212m5
83-Bi-212m12

MAT 8336

(n, t)

⁸³Bi-²¹²n

Radionuclide Production Cross Section

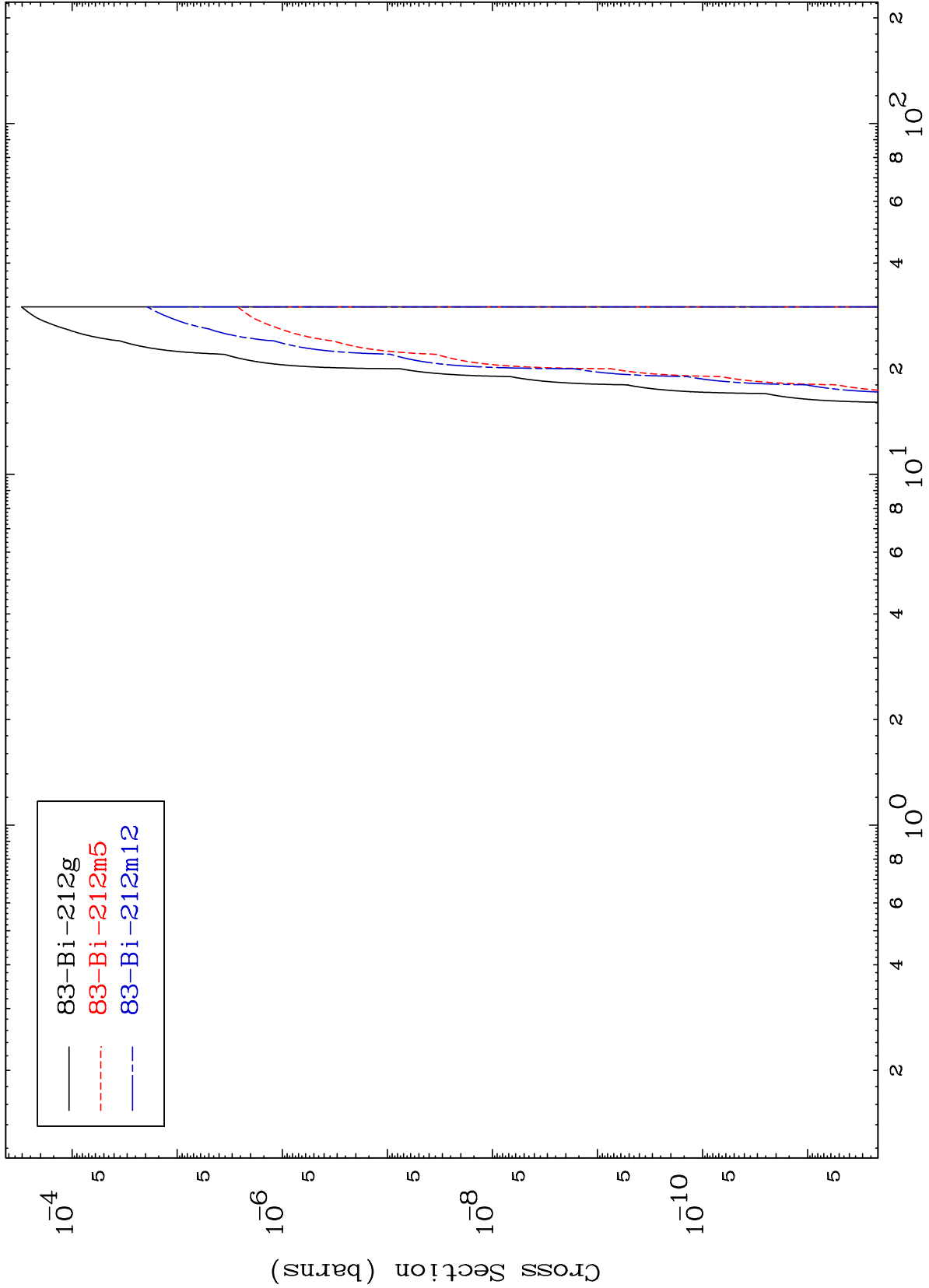


MAT 8336

(n,He-3)

83-Bi-212n

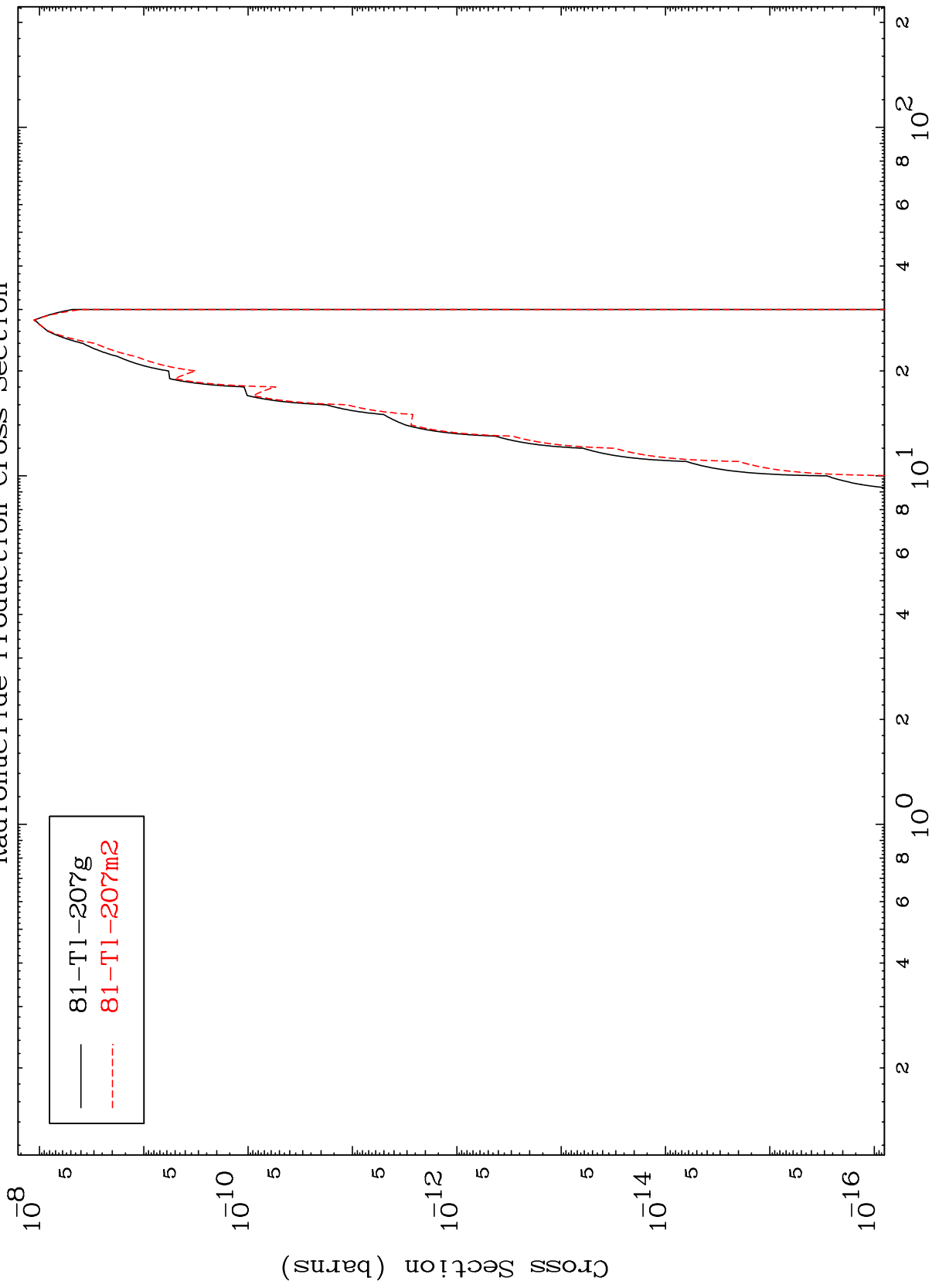
Radionuclide Production Cross Section



MAT 8336

$^{83}\text{Bi}-^{212}\text{n}$

Radionuclide Production Cross Section
(n,2 α)



24

Incident Energy (MeV)

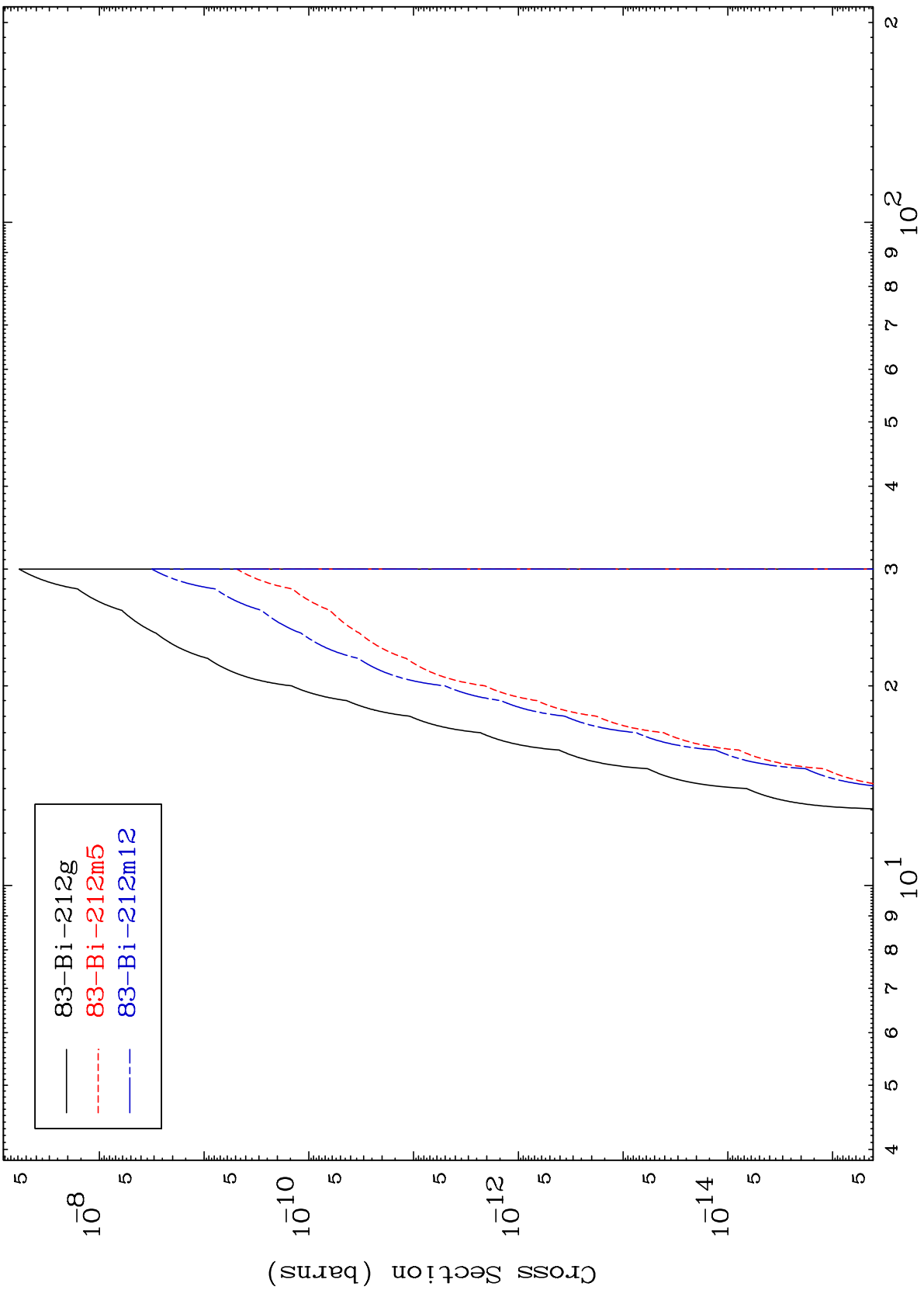
$^{83}\text{Bi}-^{212}\text{n}$

MAT 8336

(n,p) d

⁸³Bi-²¹²n

Radionuclide Production Cross Section



Legend:
— 83-Bi-212g
- - 83-Bi-212m5
- - 83-Bi-212m12