

Program EVALPLOT
(Version 2021-1)

by

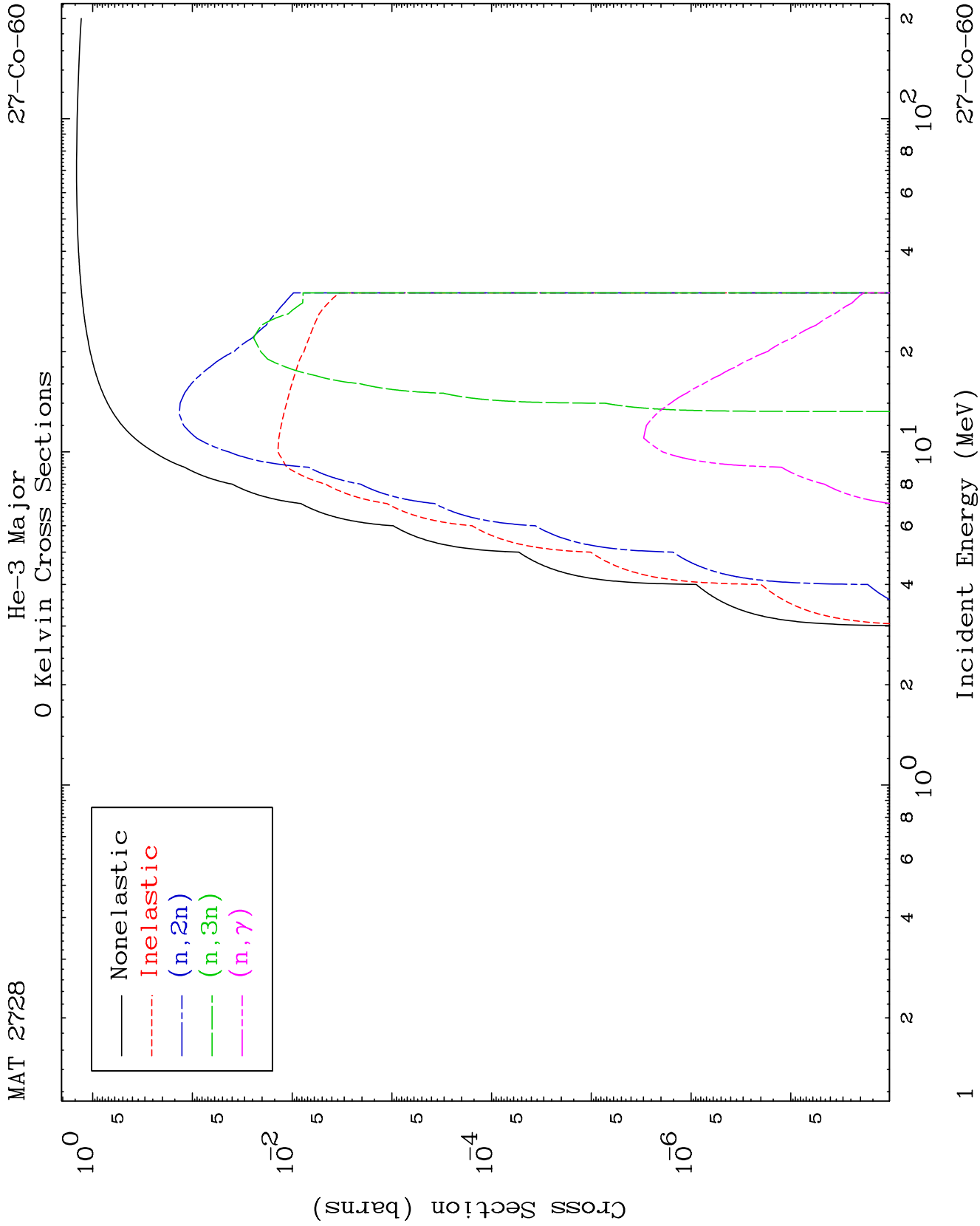
Dermott E. Cullen
(Present Contact Information)

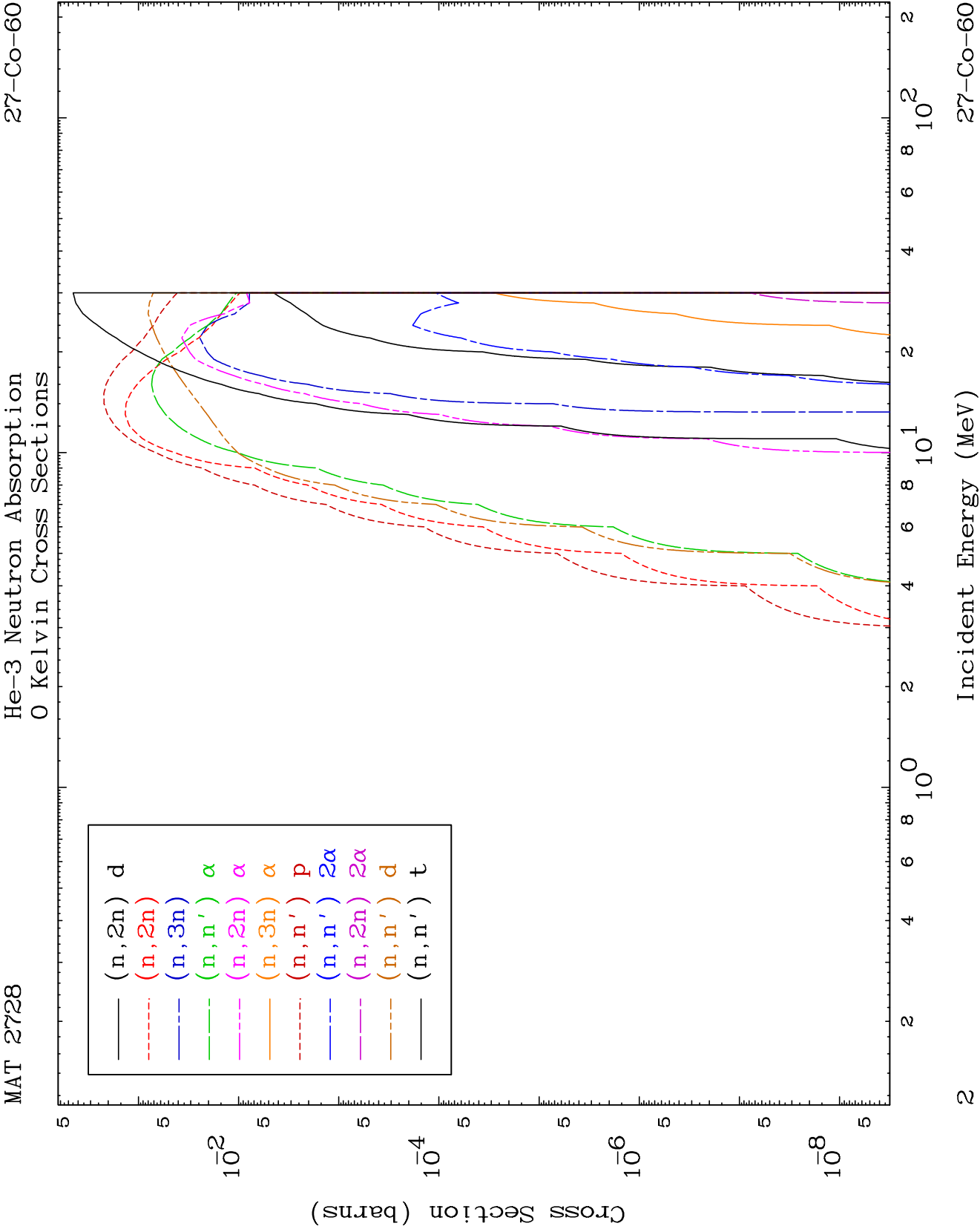
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
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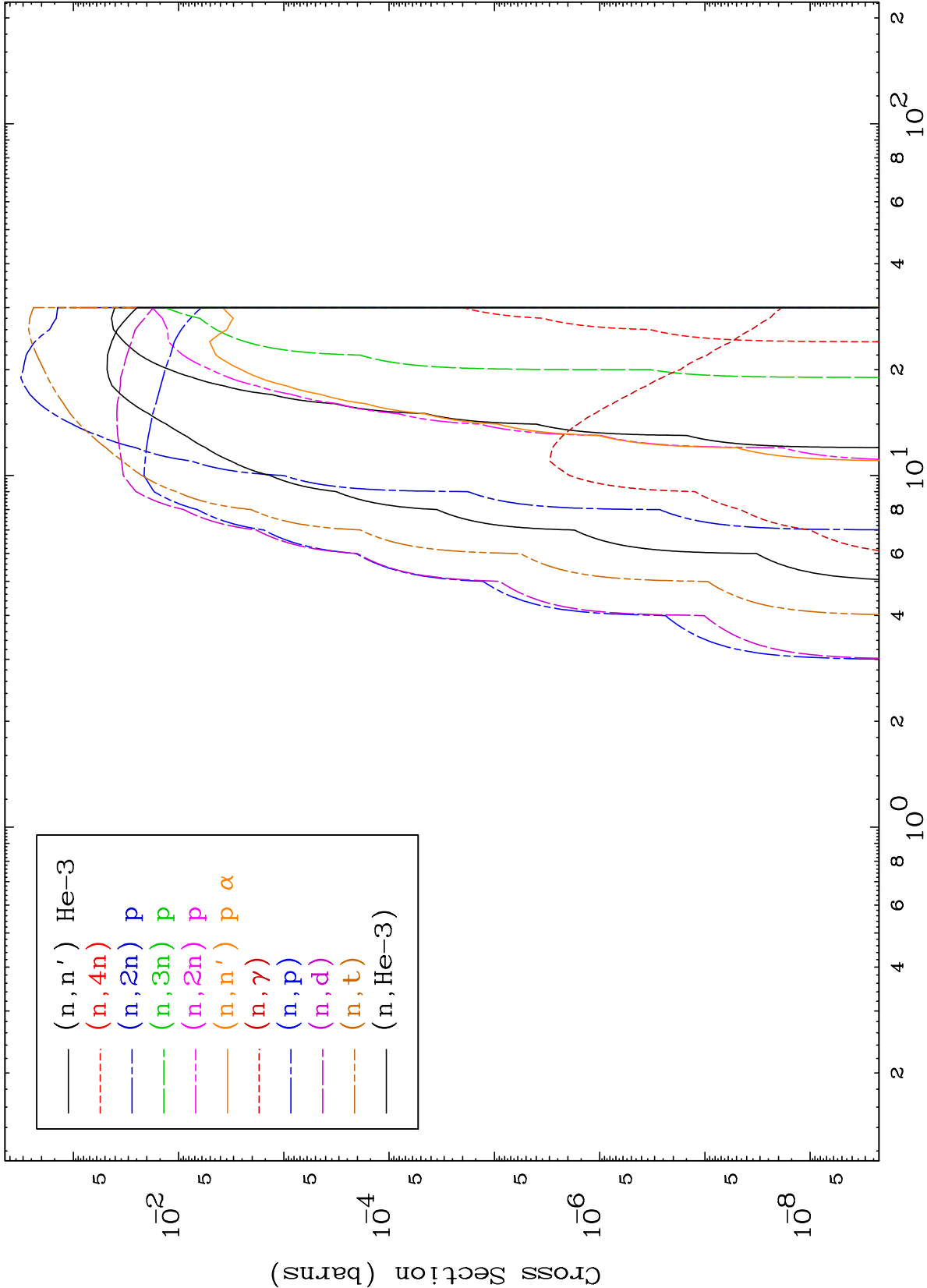
Tele: 925-443-1911

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Press Mouse Button to Start



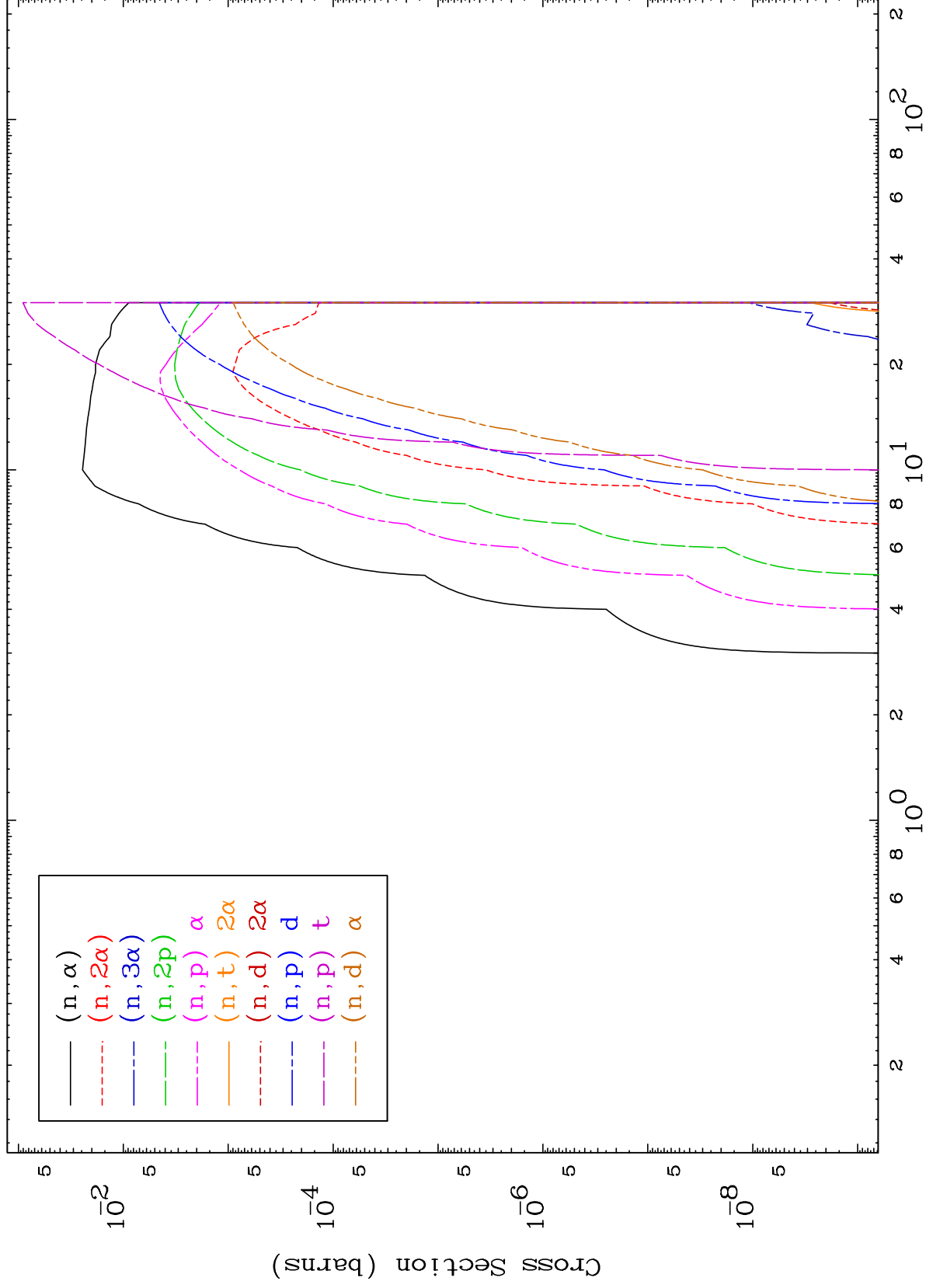


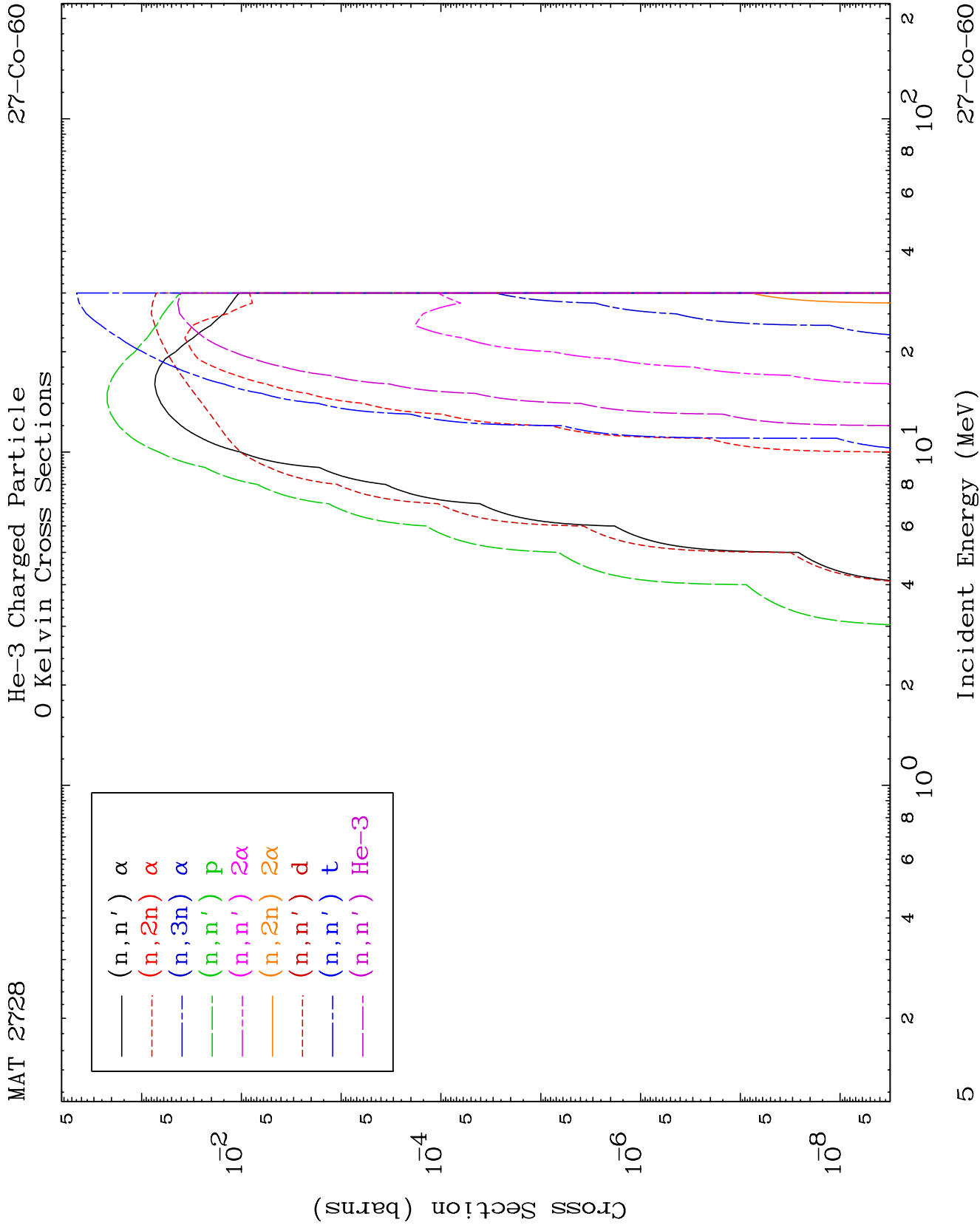


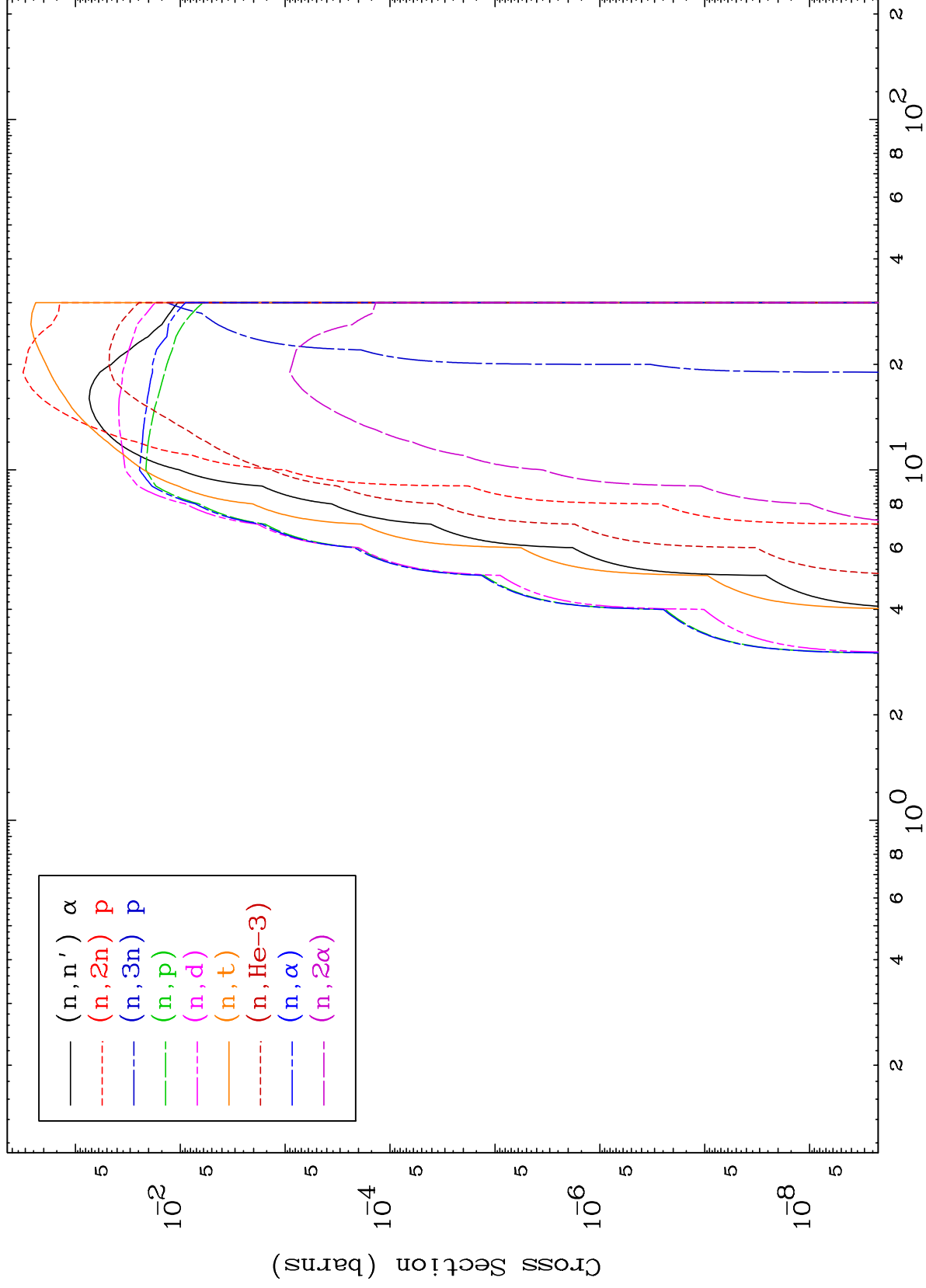
MAT 2728

He-3 Neutron Absorption
0 Kelvin Cross Sections

27-Co-60



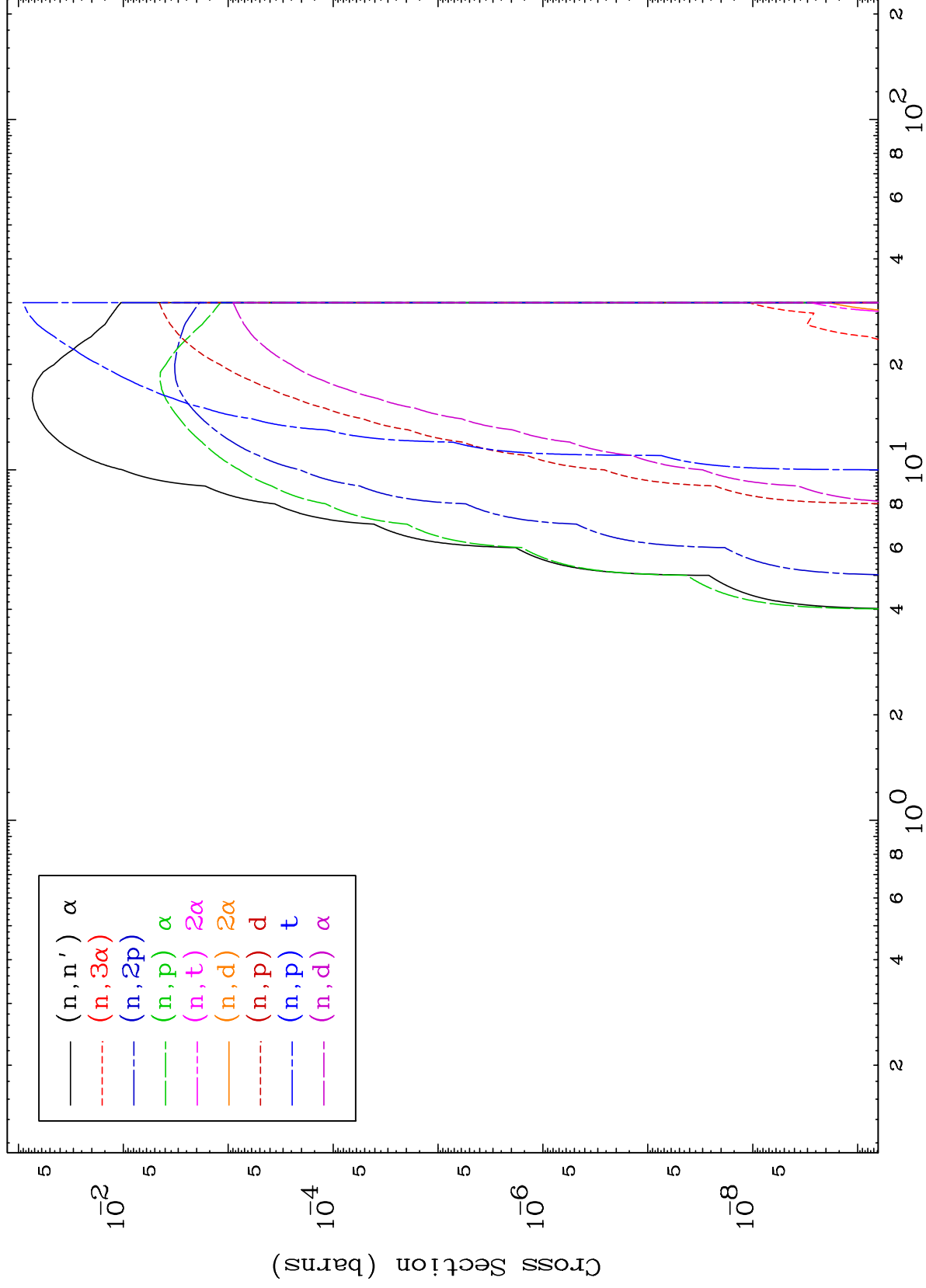




MAT 2728

He-3 Charged Particle
0 Kelvin Cross Sections

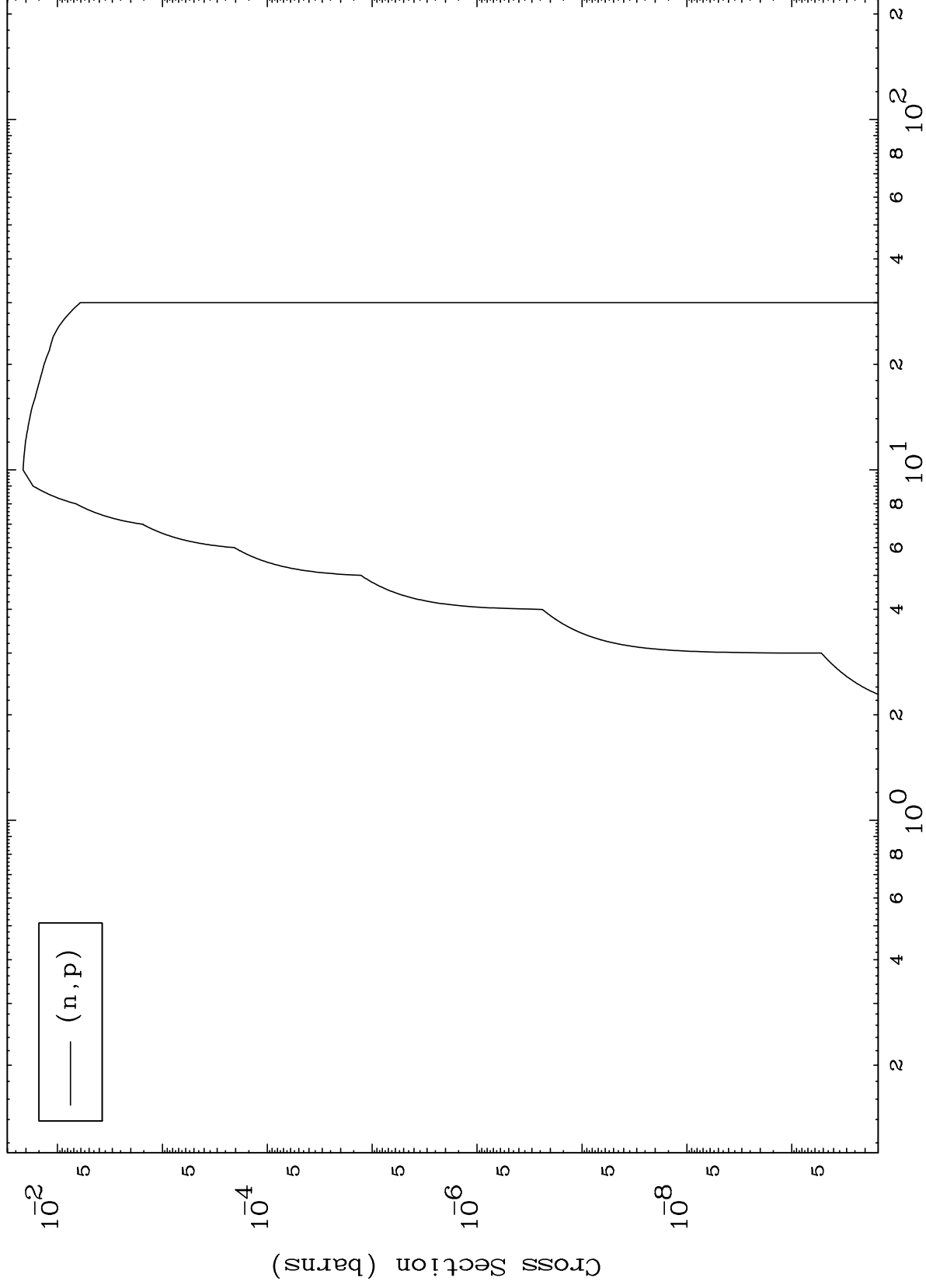
27-Co-60



MAT 2728

27-Co-60

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



— (n,p)

27-Co-60

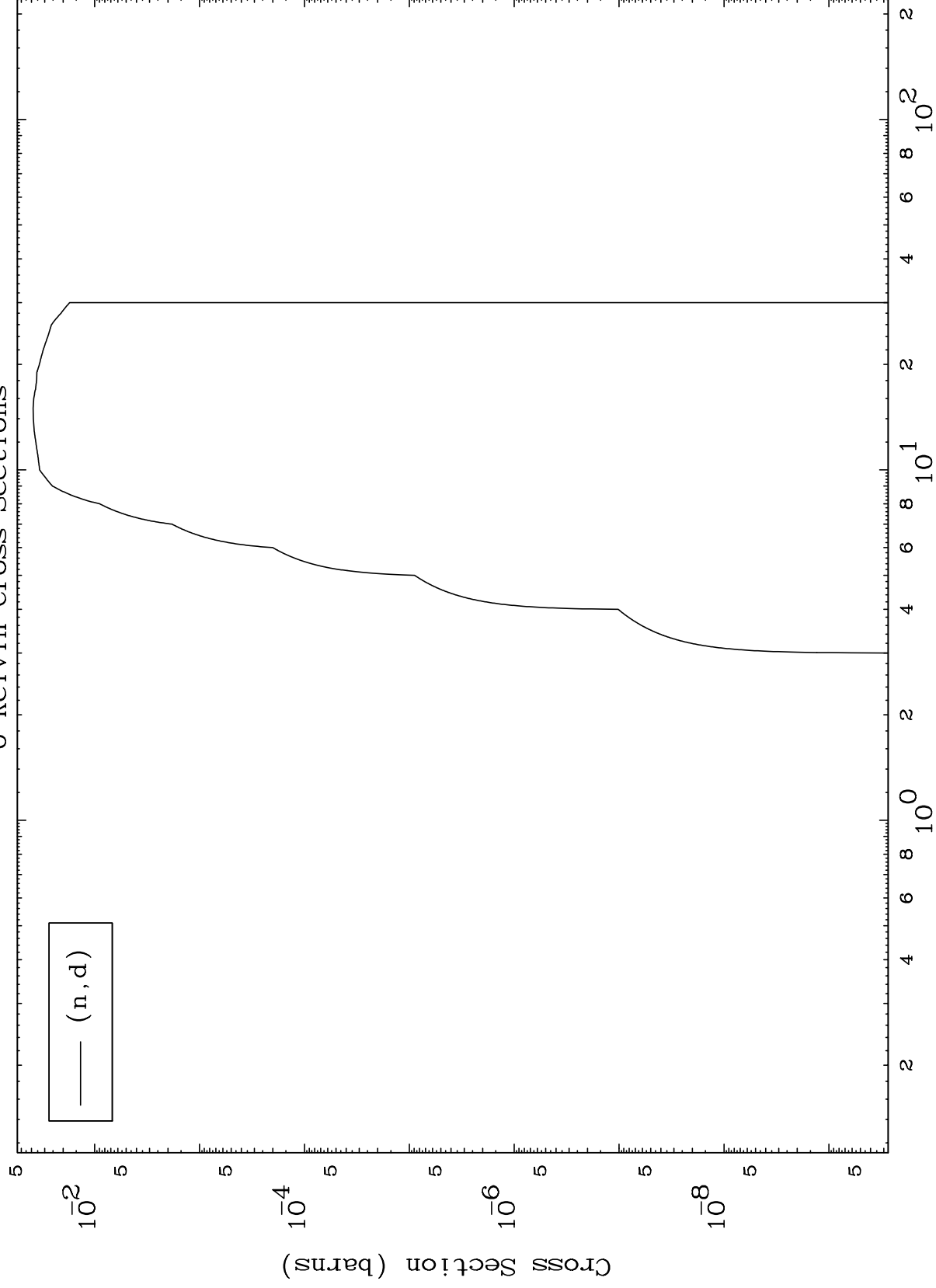
Incident Energy (MeV)

8

MAT 2728

27-Co-60

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

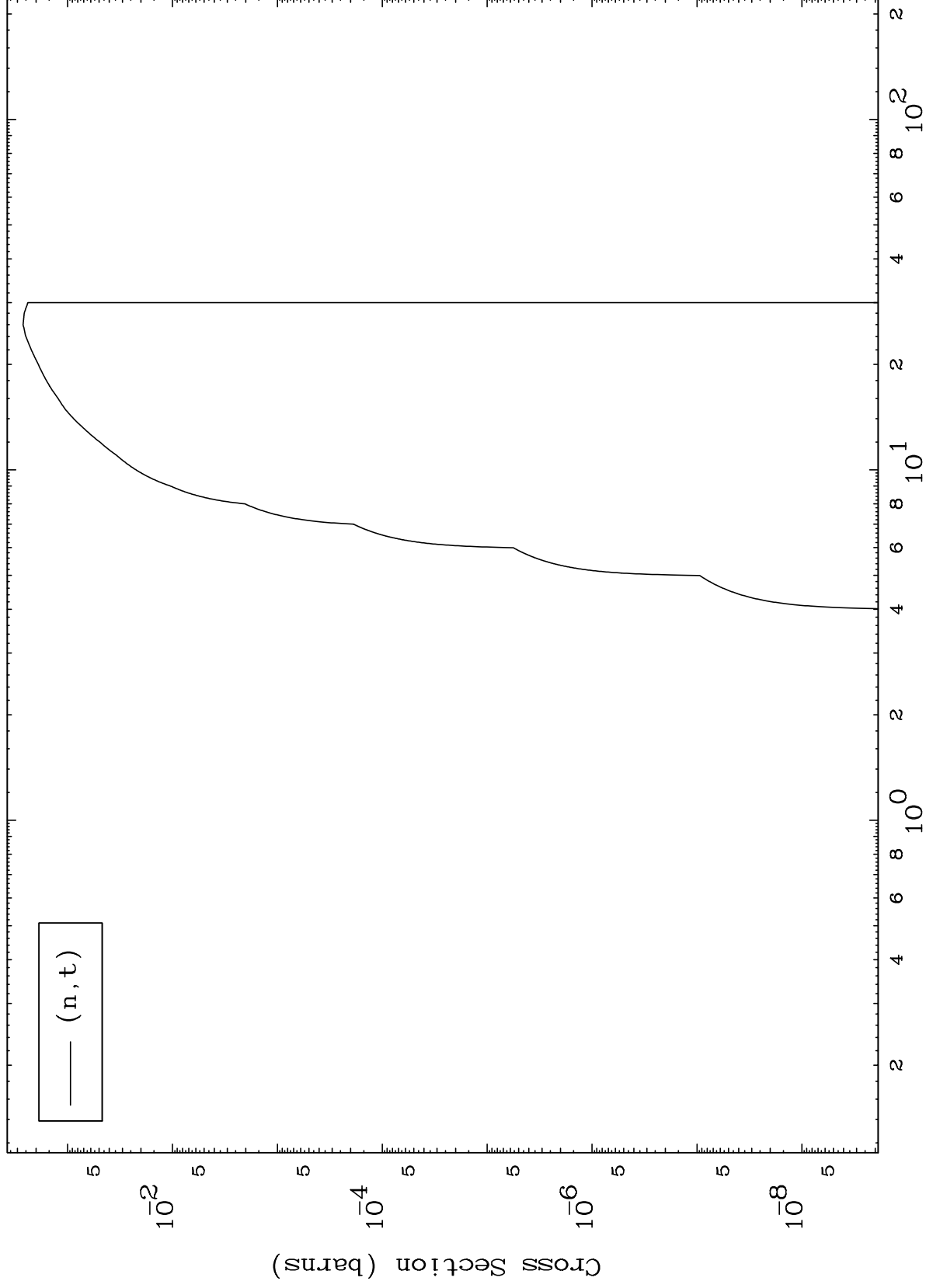


— (n,d)

MAT 2728

27-Co-60

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



10

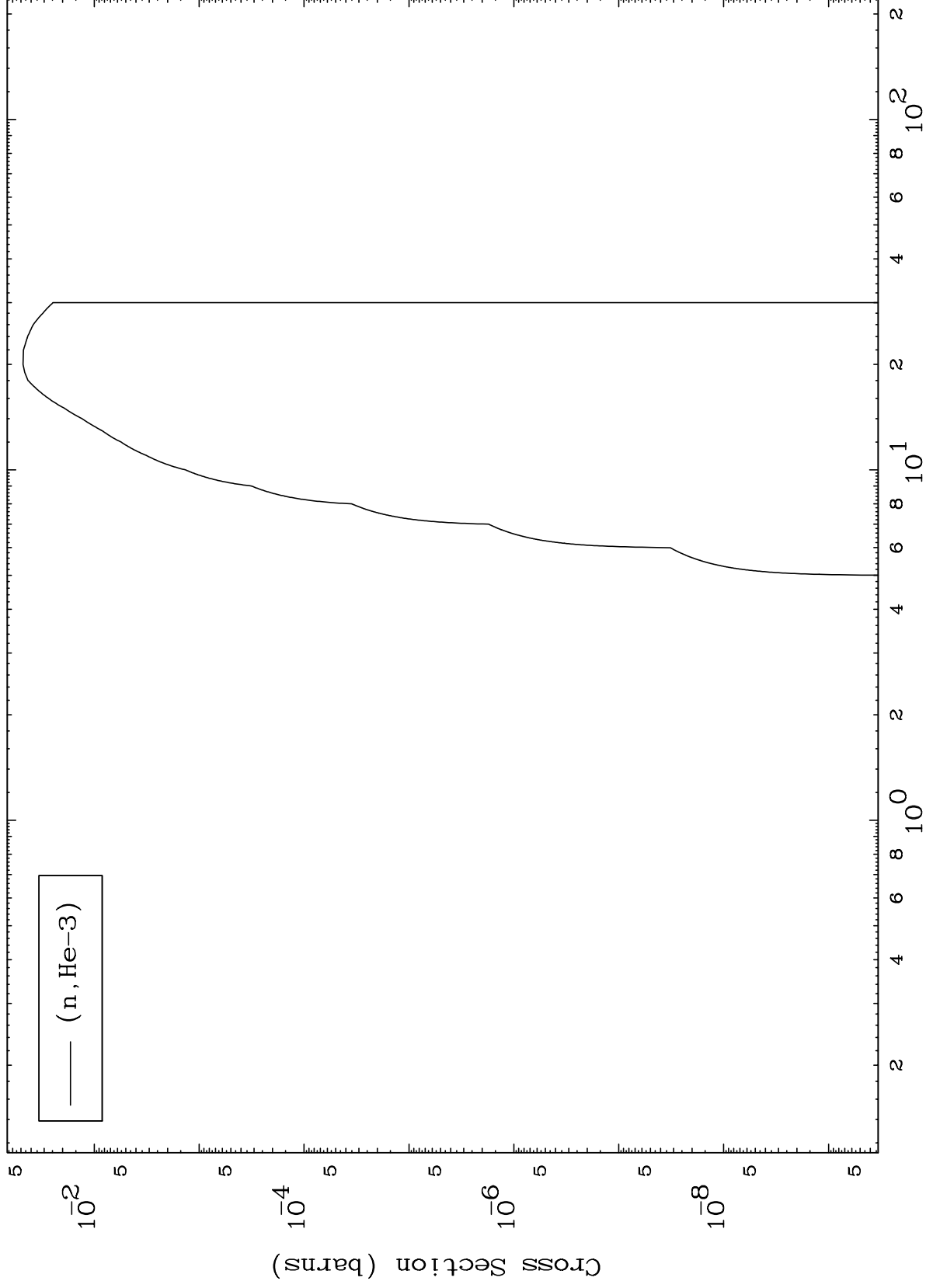
Incident Energy (MeV)

27-Co-60

MAT 2728

27-Co-60

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



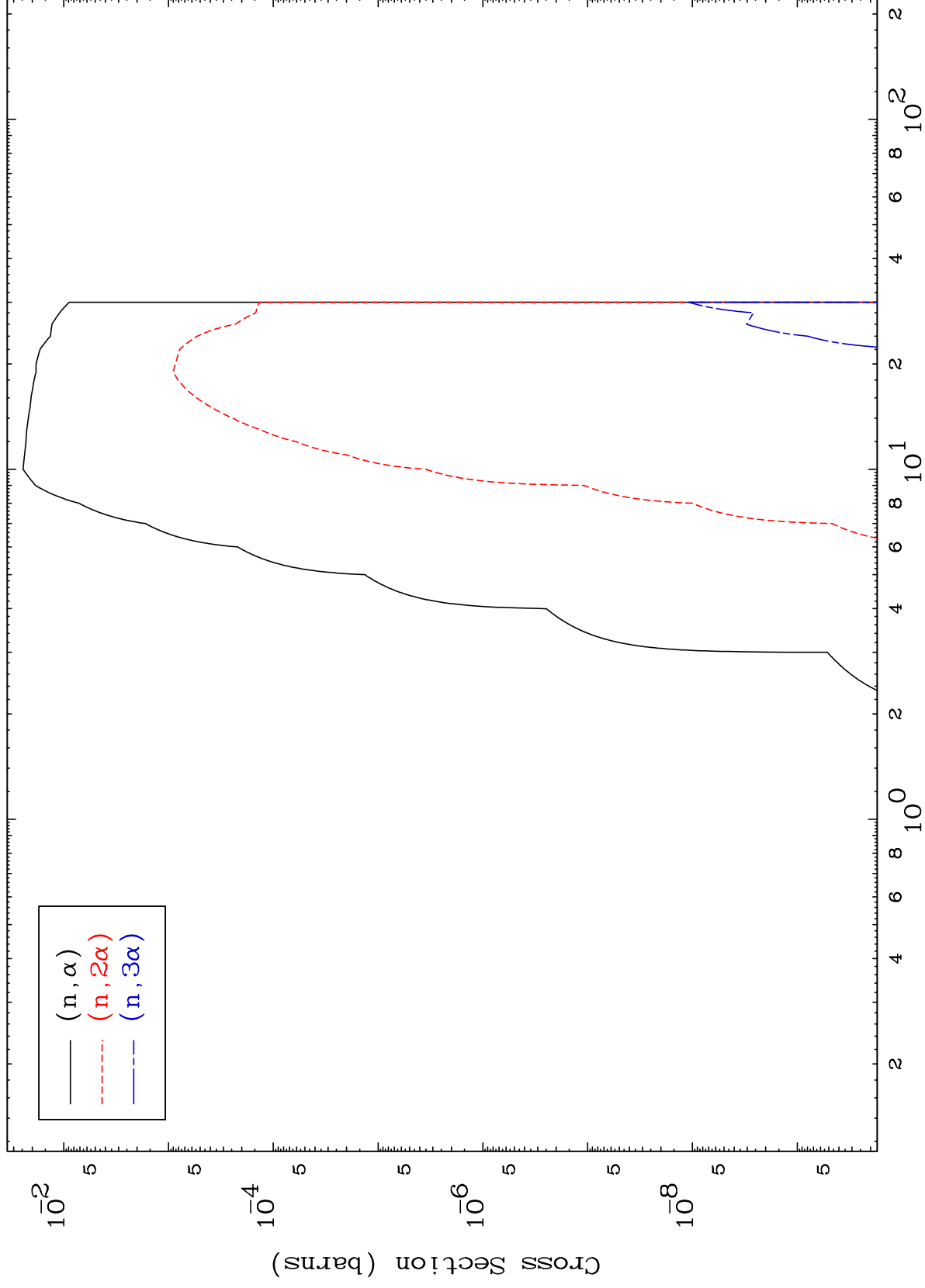
— (n, He-3)

MAT 2728

(He-3, α) Levels

27-Co-60

0 Kelvin Cross Sections



12

Incident Energy (MeV)

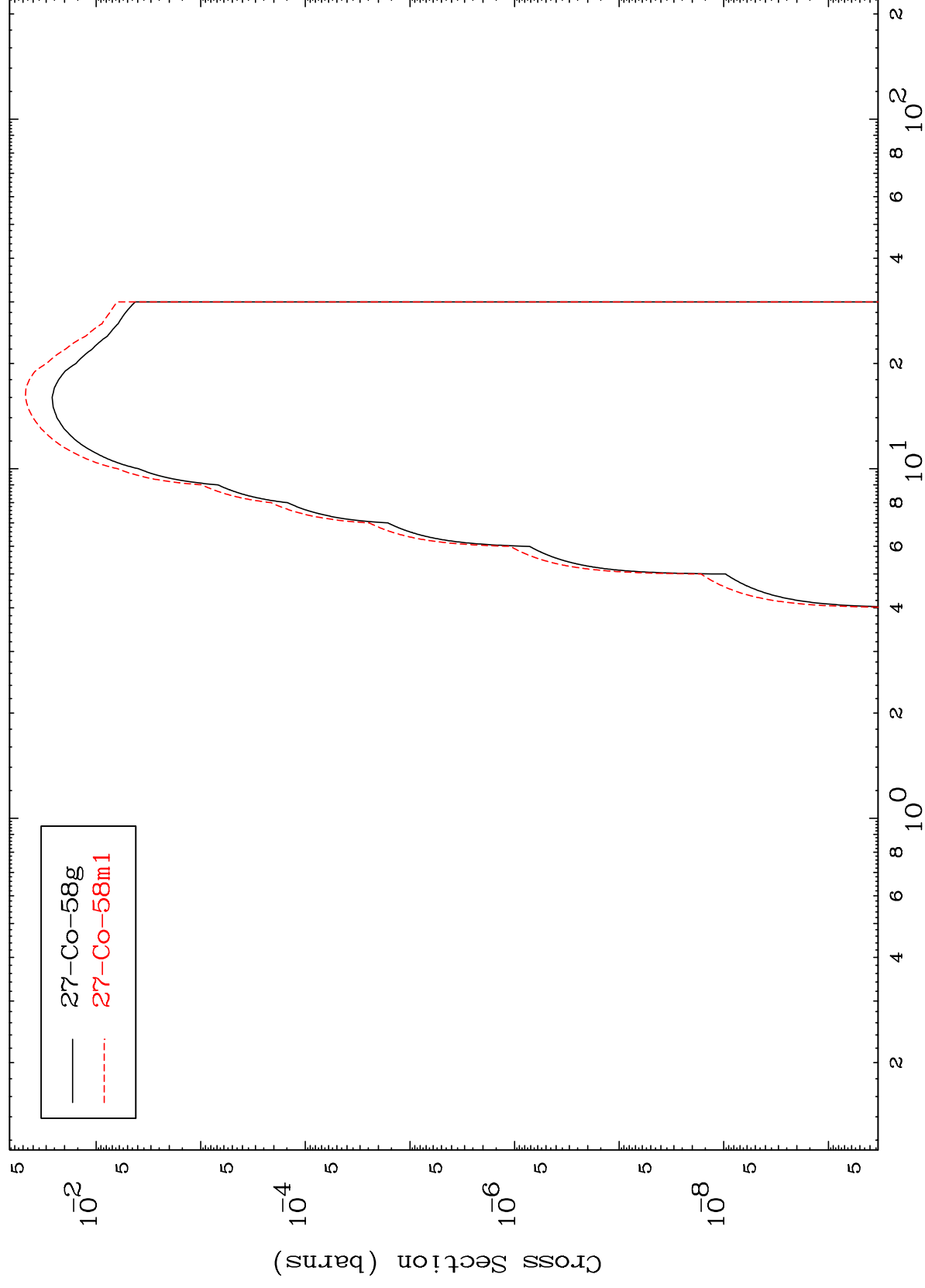
27-Co-60

MAT 2728

27-Co-60

$$(n, n') \propto$$

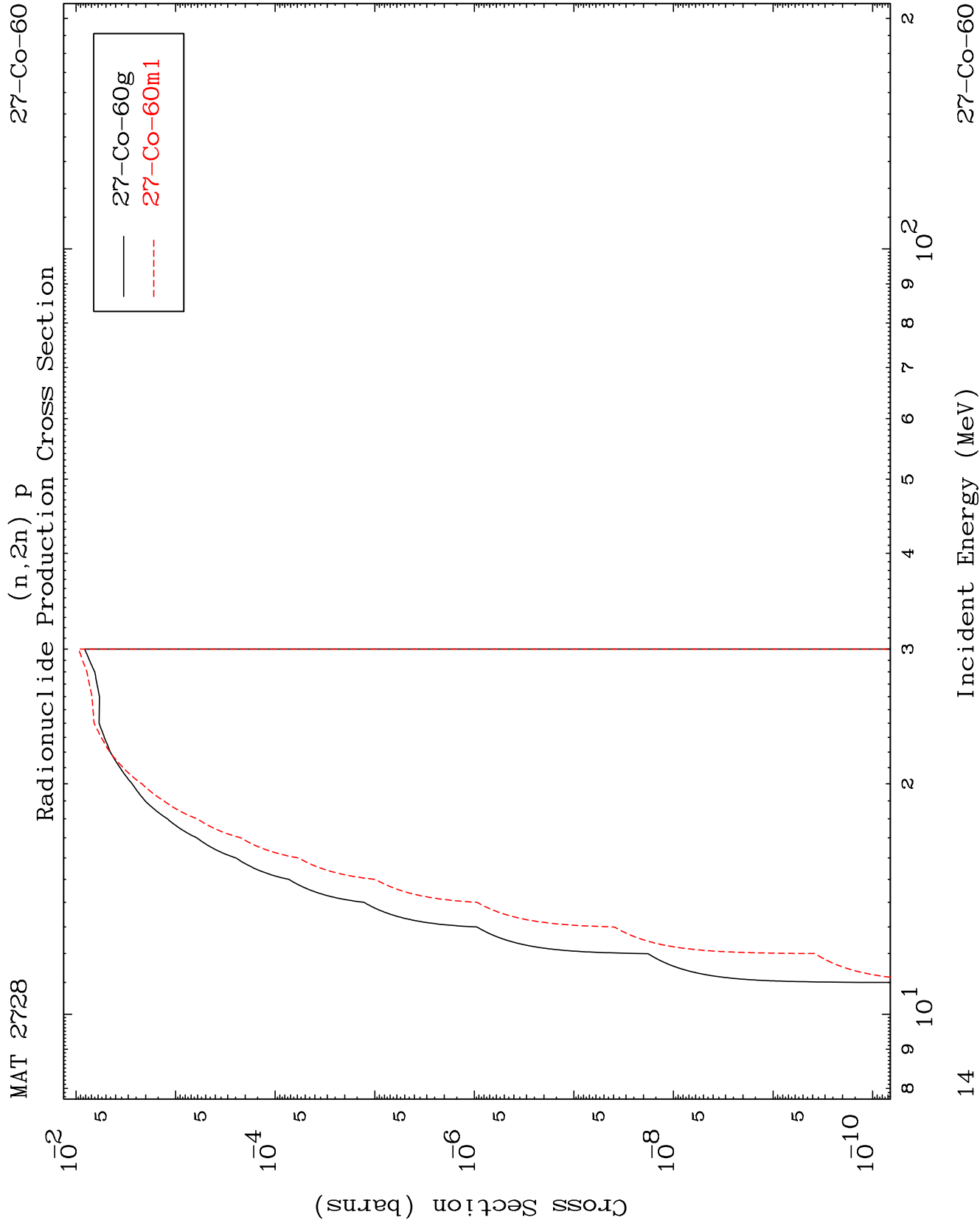
Radionuclide Production Cross Section



13

Incident Energy (MeV)

27-Co-60

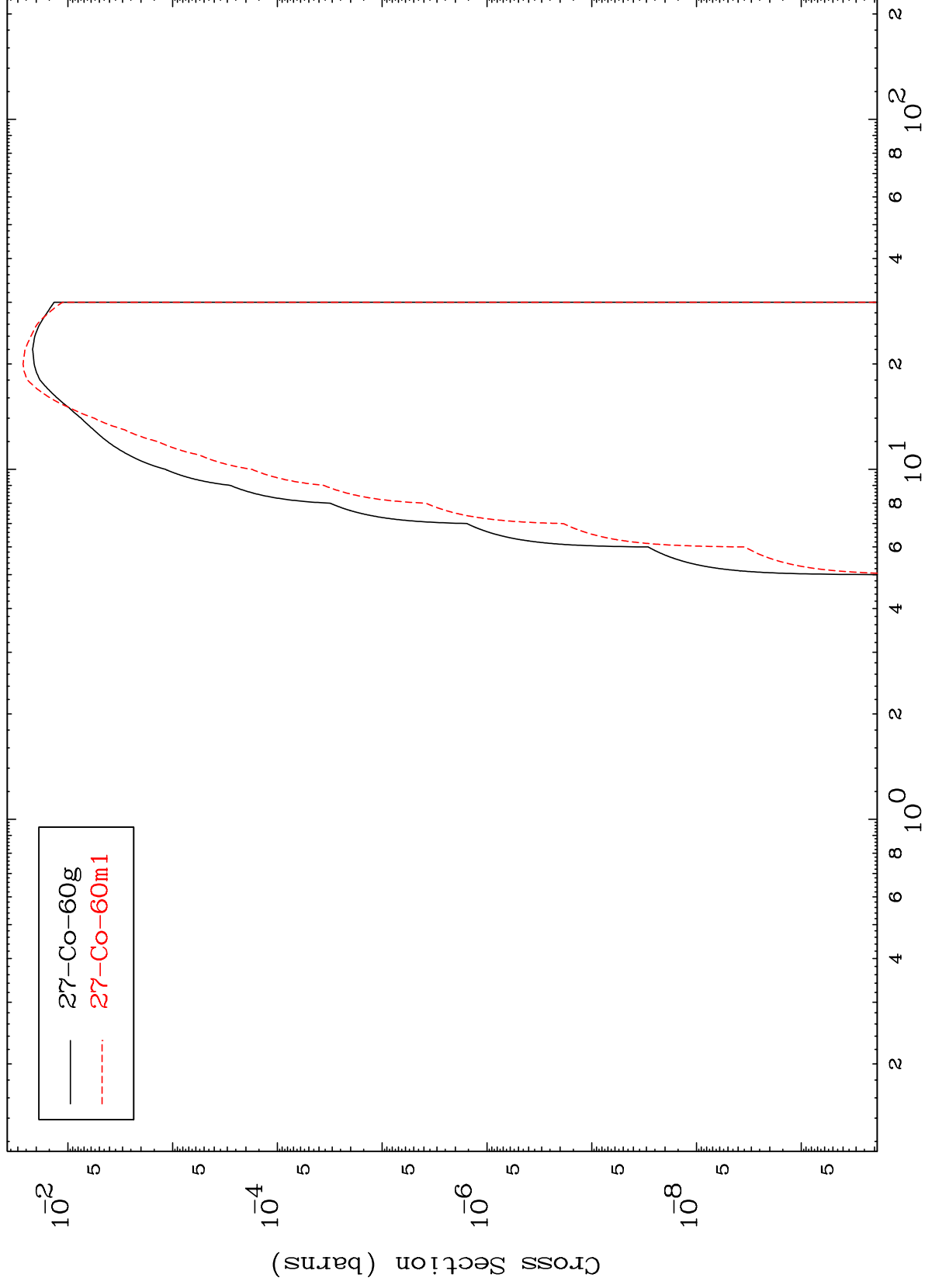


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(n,He-3)

27-Co-60

Radionuclide Production Cross Section



15

Incident Energy (MeV)

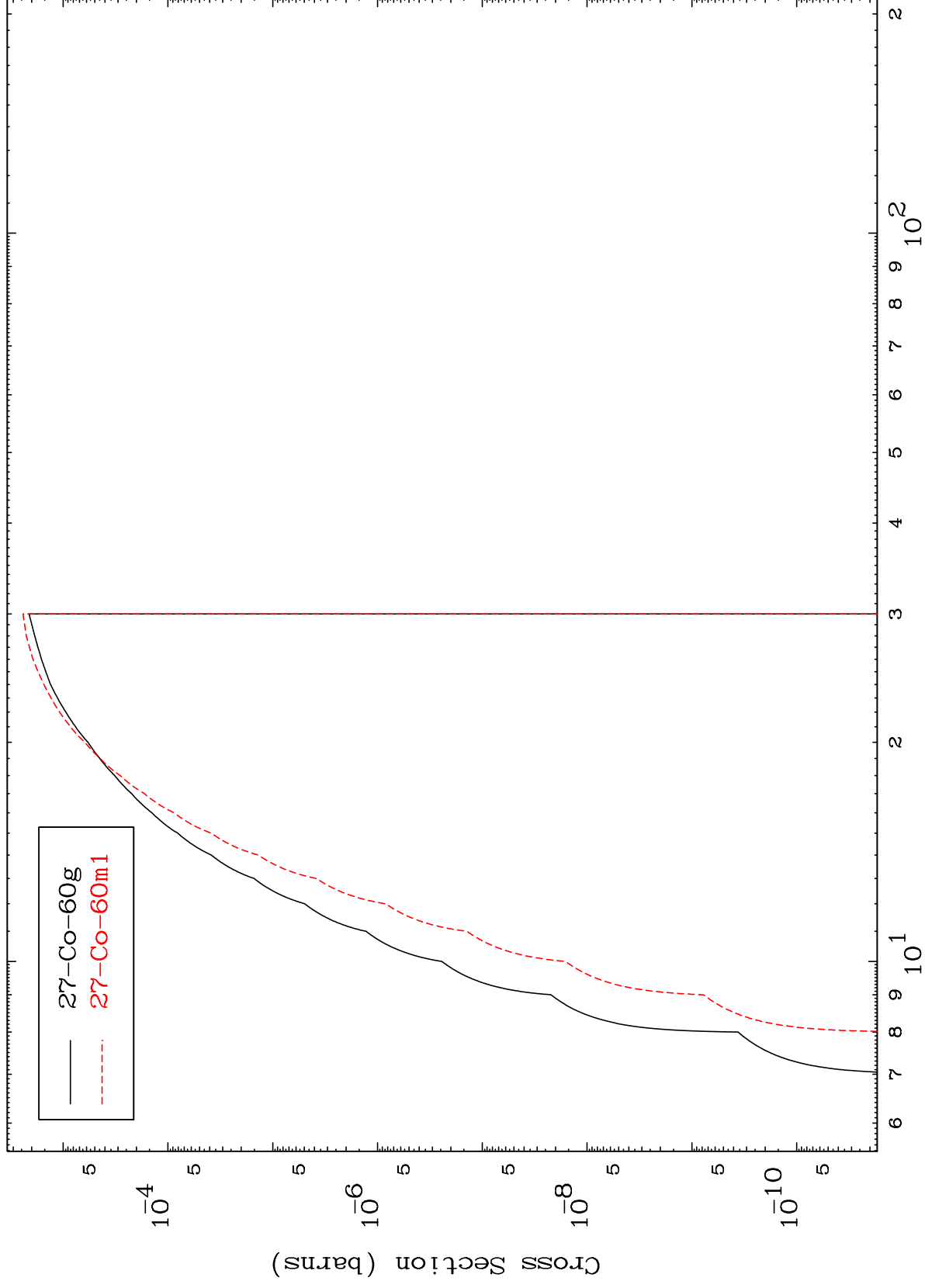
27-Co-60

MAT 2728

(n,p) d

²⁷Co-60

Radionuclide Production Cross Section



16

Incident Energy (MeV)

²⁷Co-60