

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

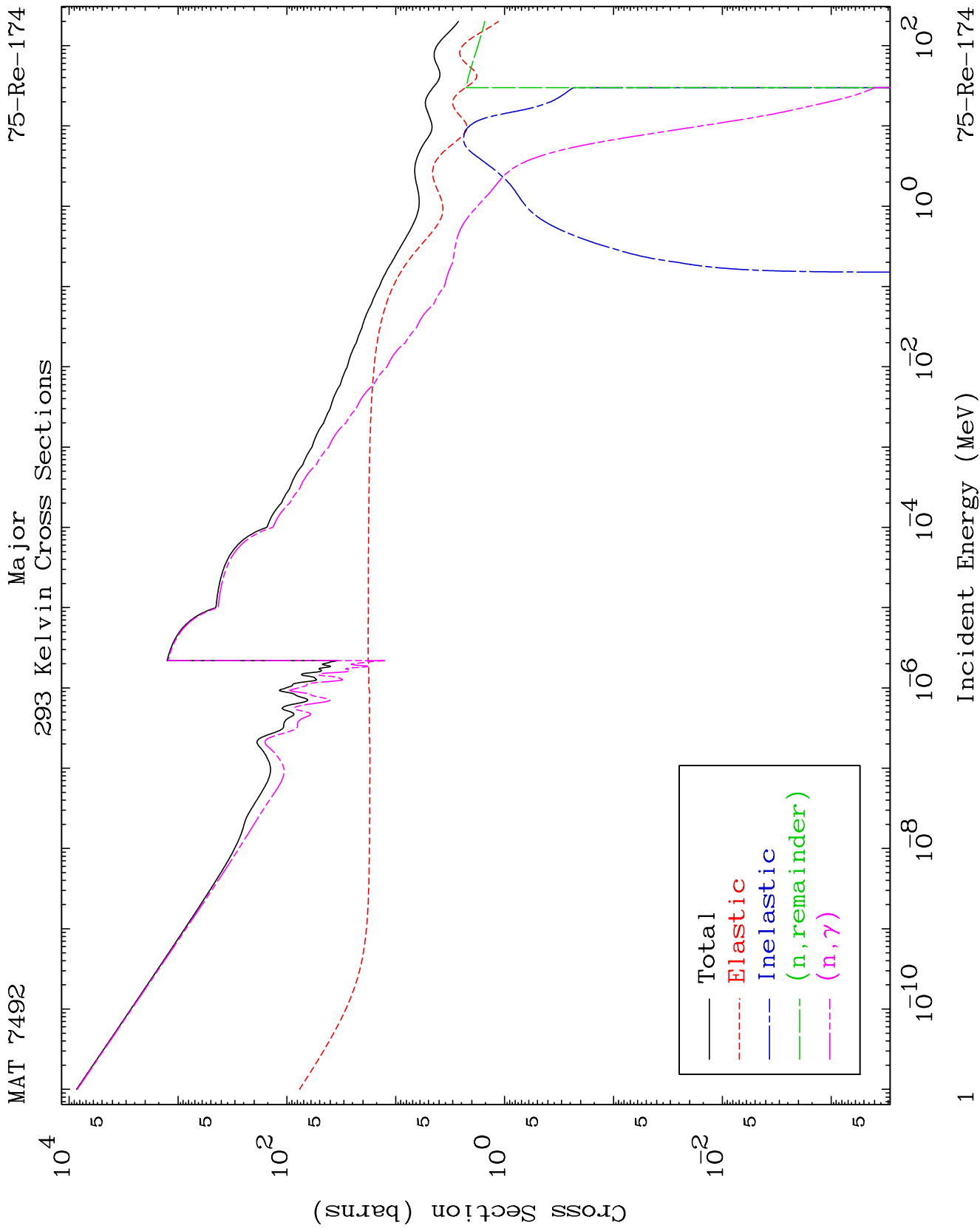
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Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

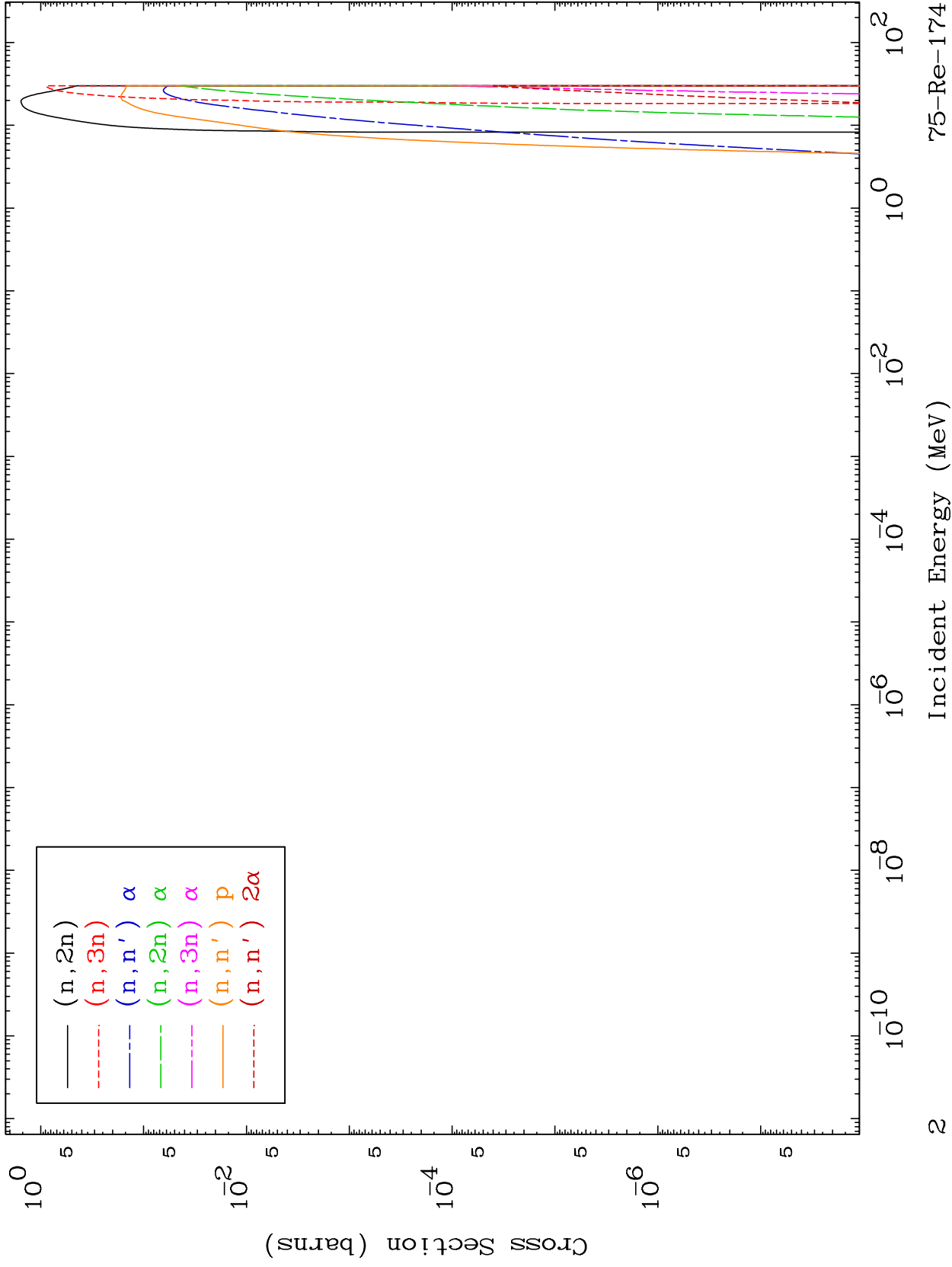
Press Mouse Button to Start

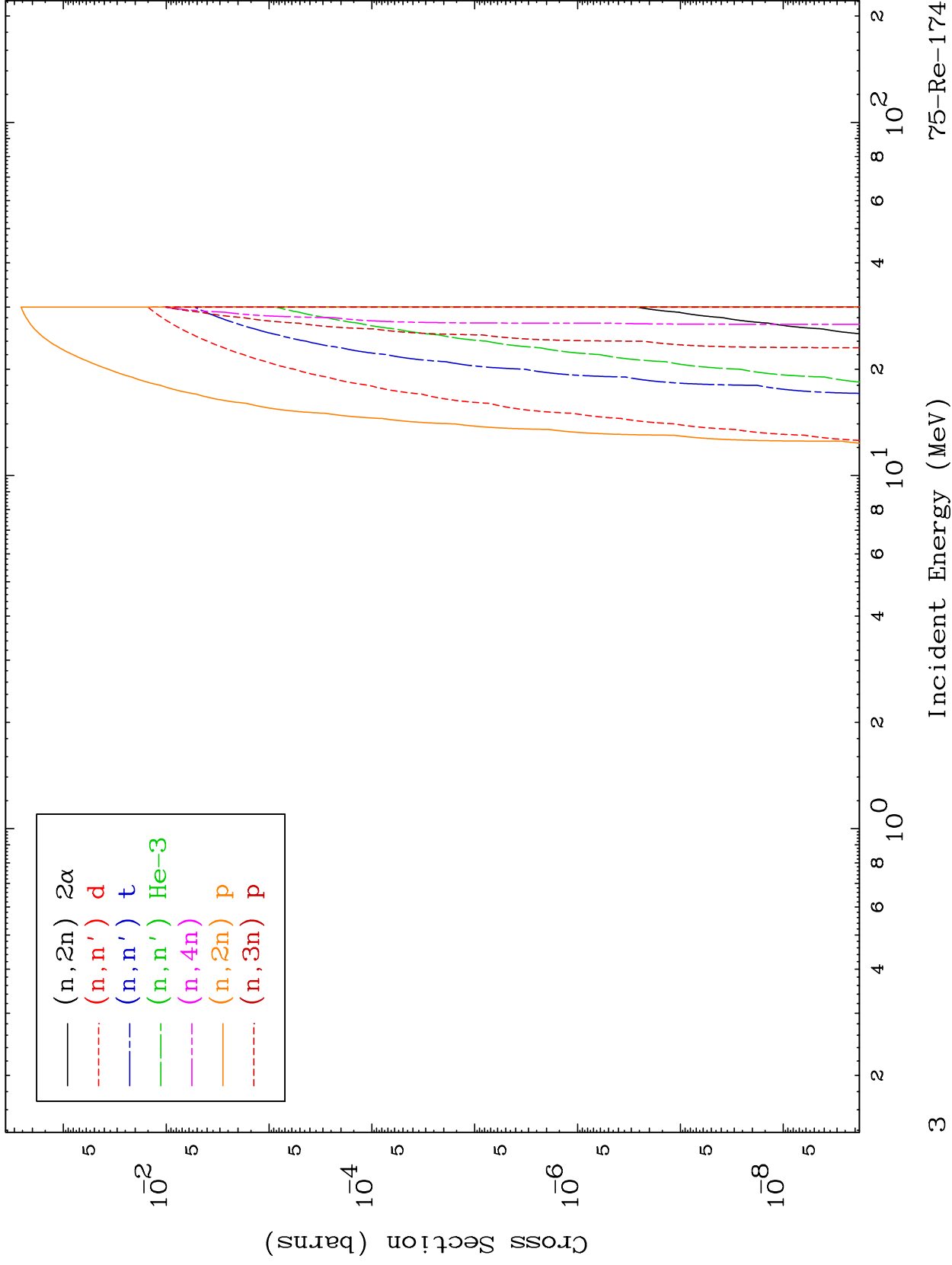


MAT 7492

Neutron Production  
293 Kelvin Cross Sections

75-Re-174

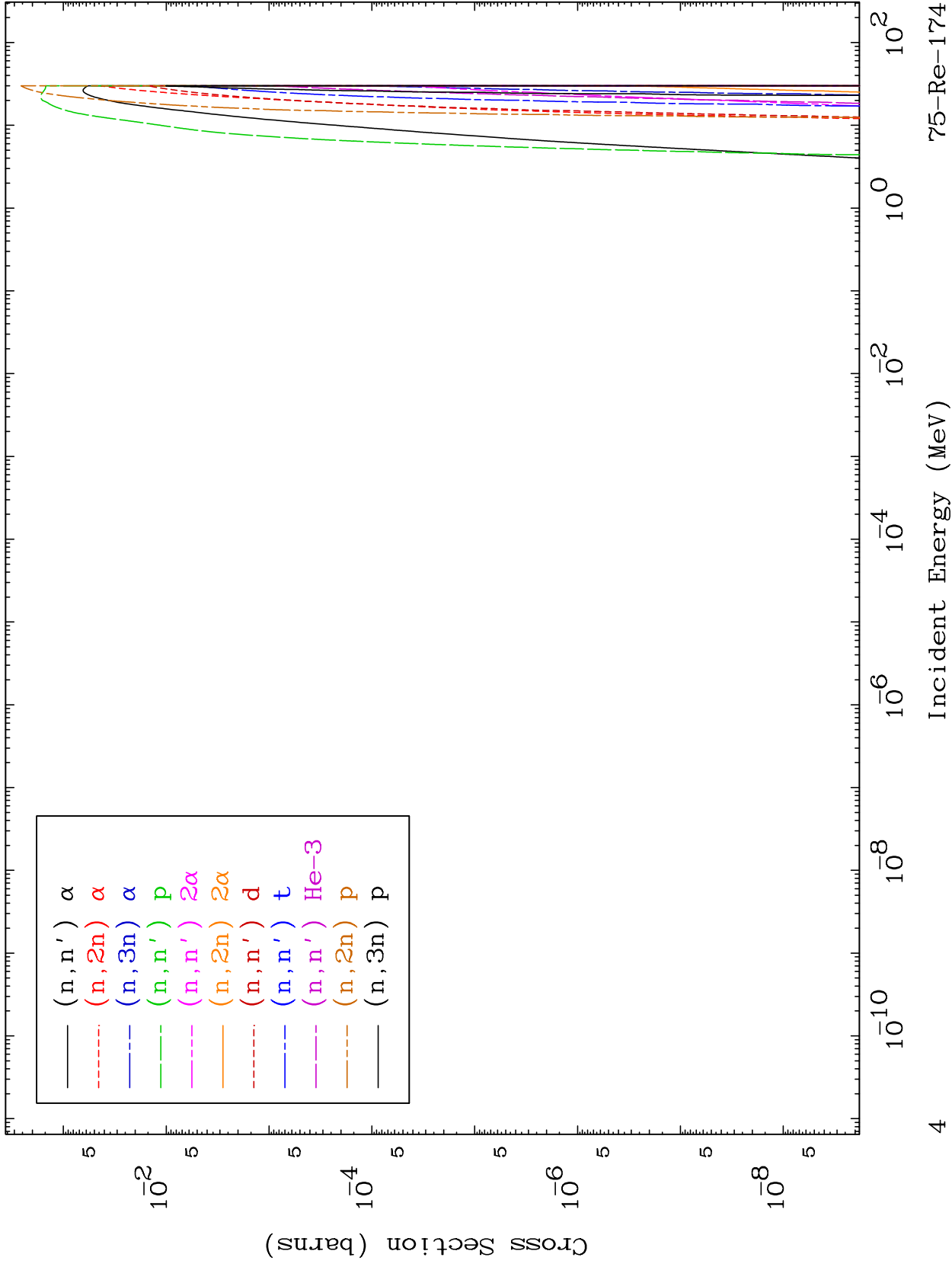


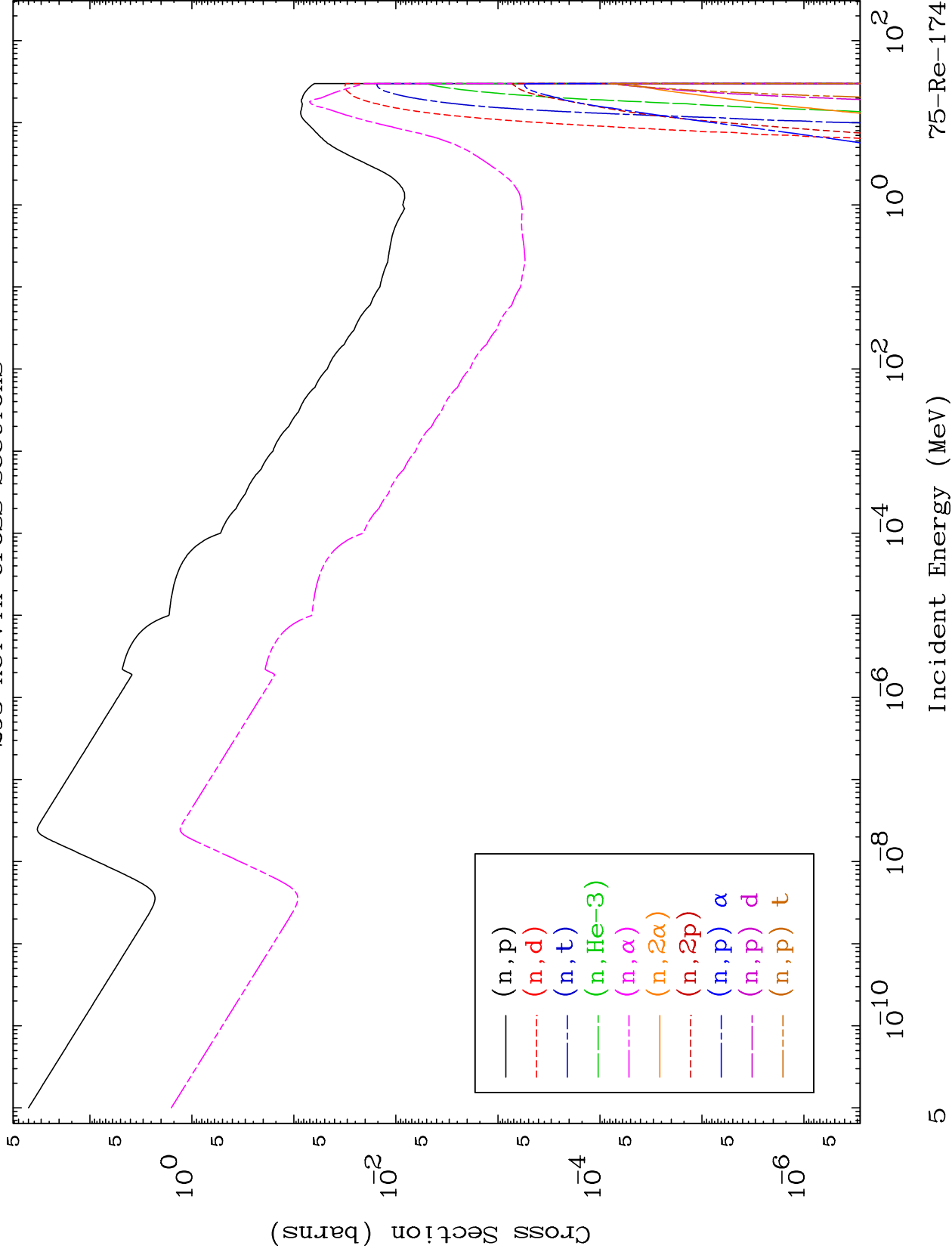


MAT 7492

Charged Particle  
293 Kelvin Cross Sections

75-Re-174

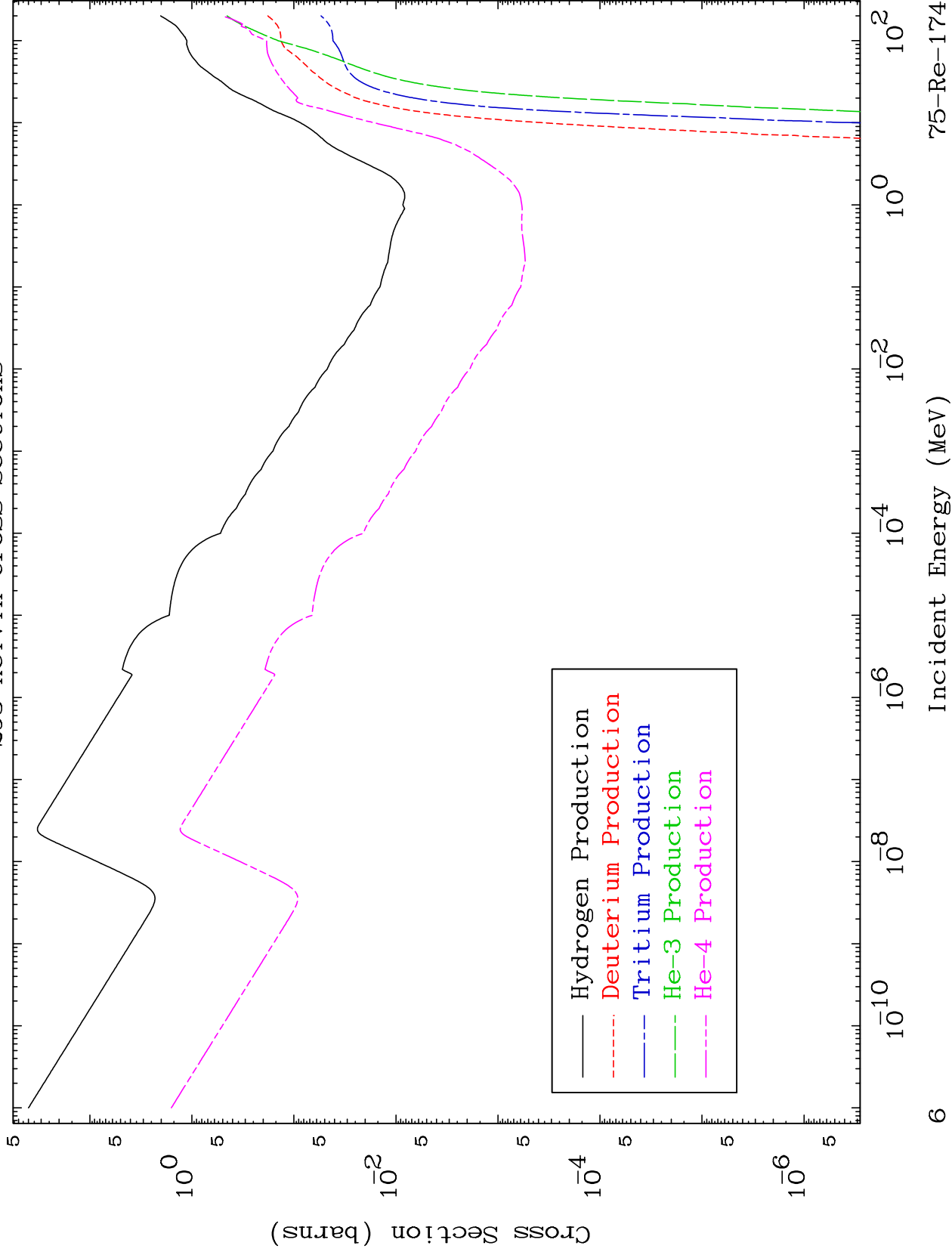


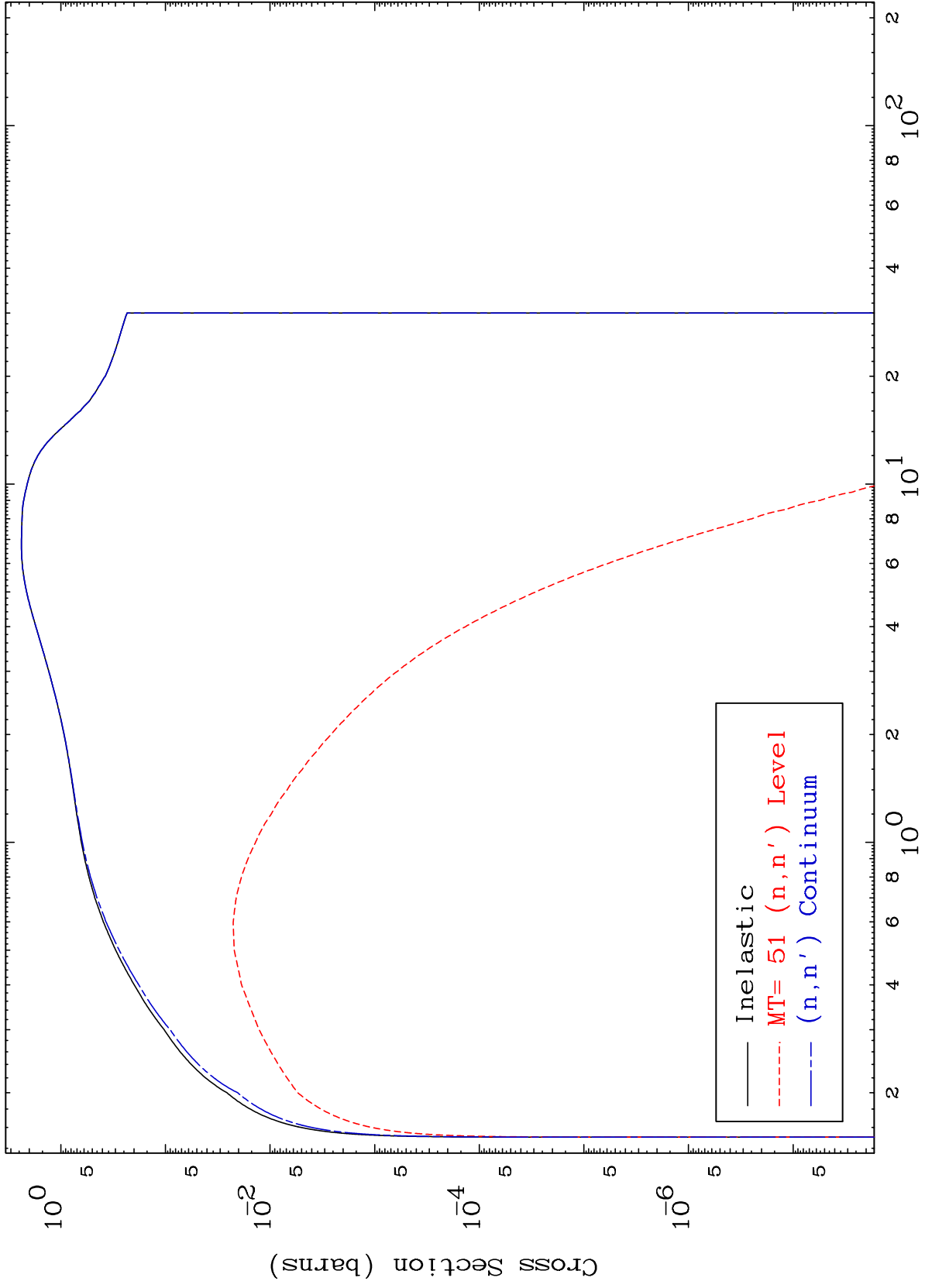


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Particle Production  
293 Kelvin Cross Sections

75-Re-174



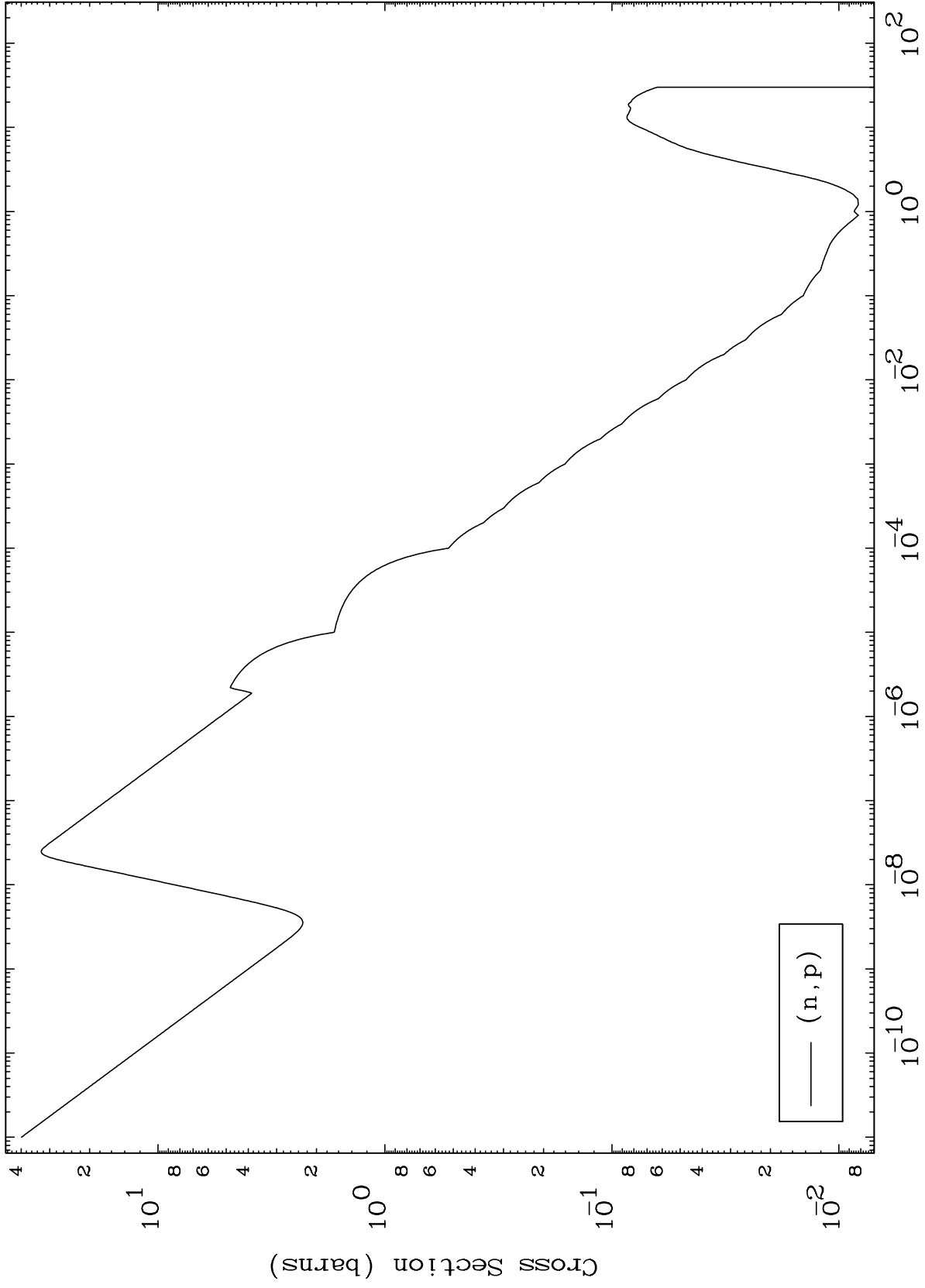




MAT 7492

(n,p) Levels  
293 Kelvin Cross Sections

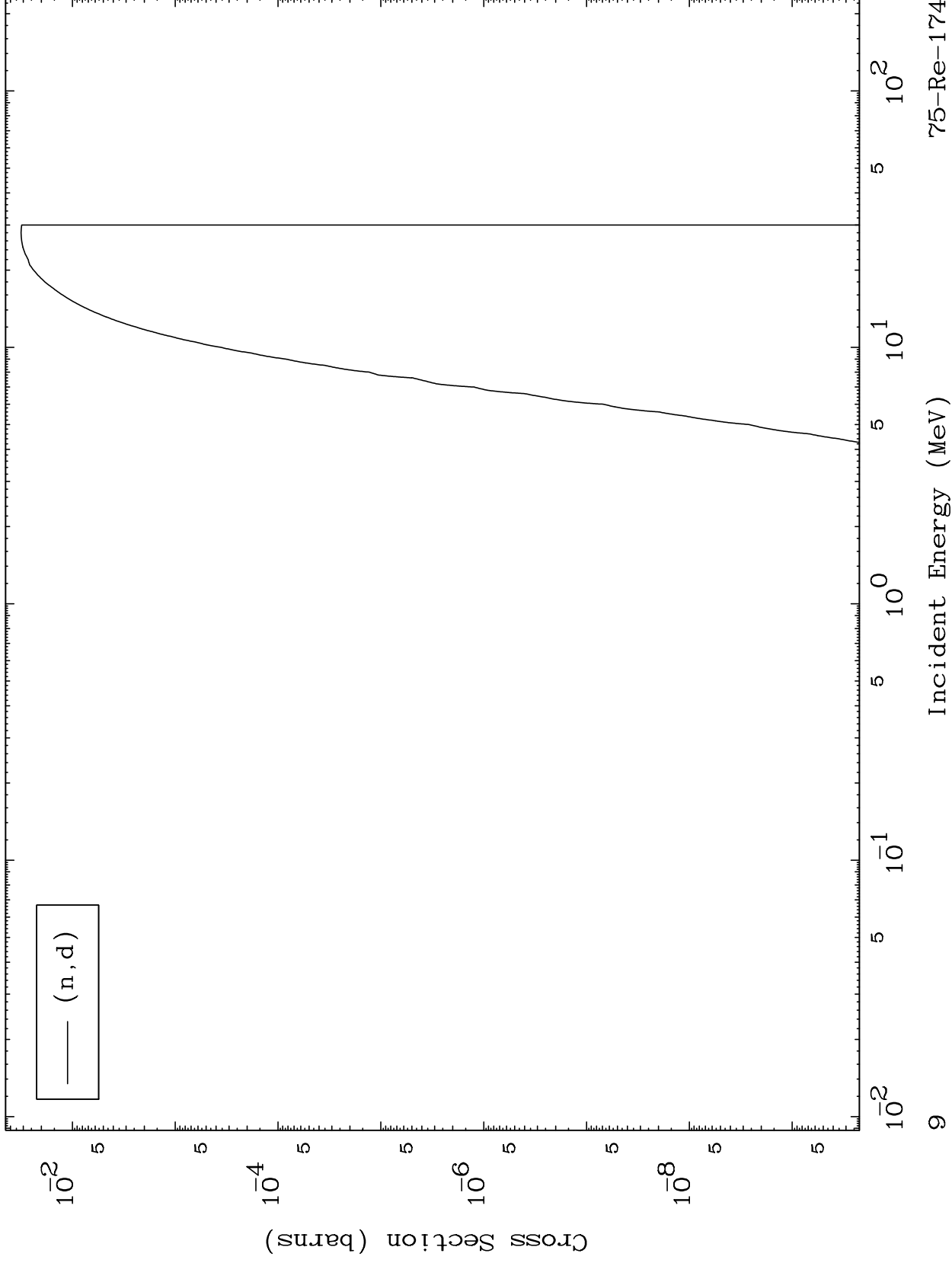
75-Re-174



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(n,d) Levels  
293 Kelvin Cross Sections

75-Re-174



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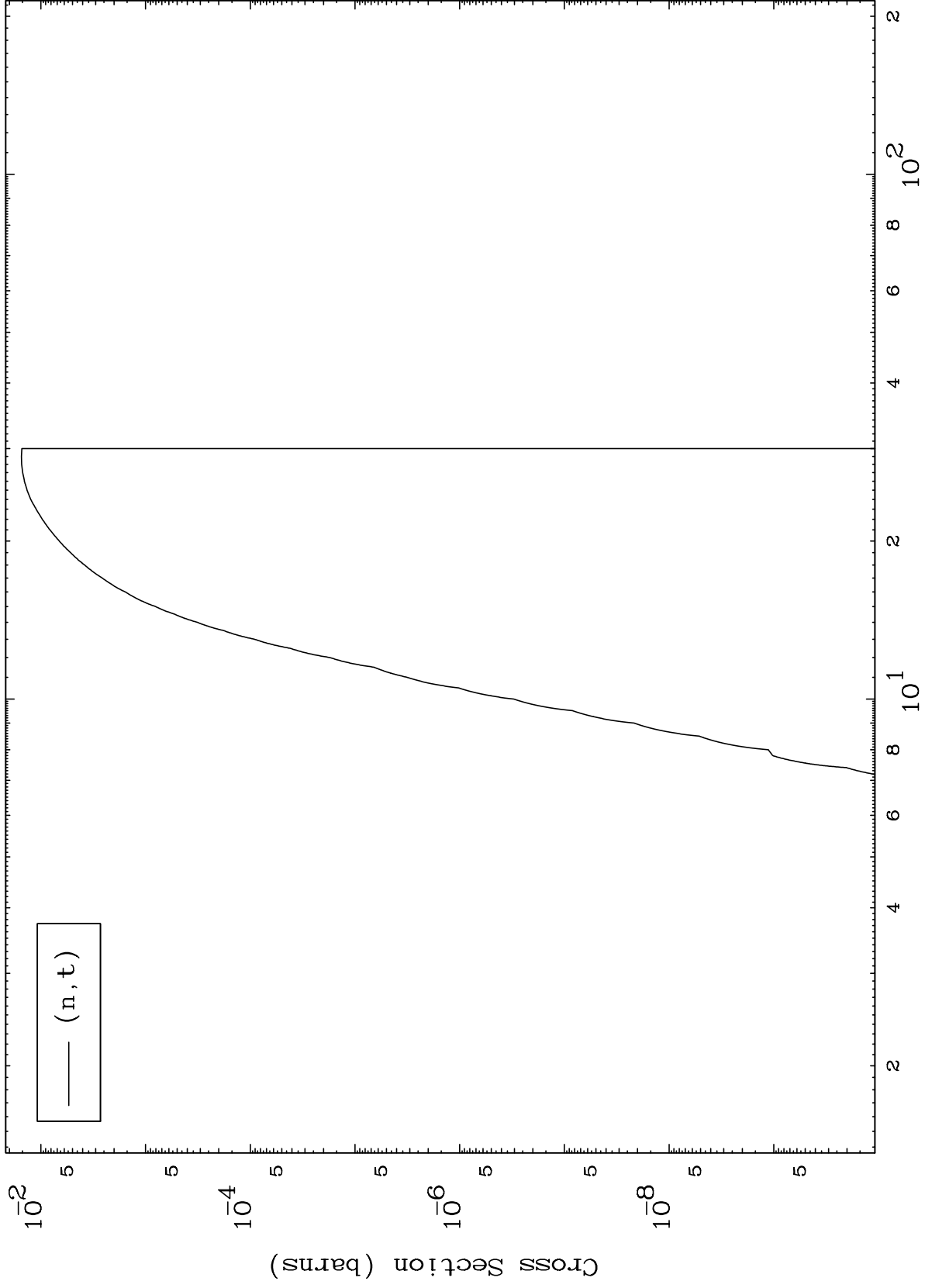
Incident Energy (MeV)

75-Re-174

MAT 7492

(n,t) Levels  
293 Kelvin Cross Sections

75-Re-174



10

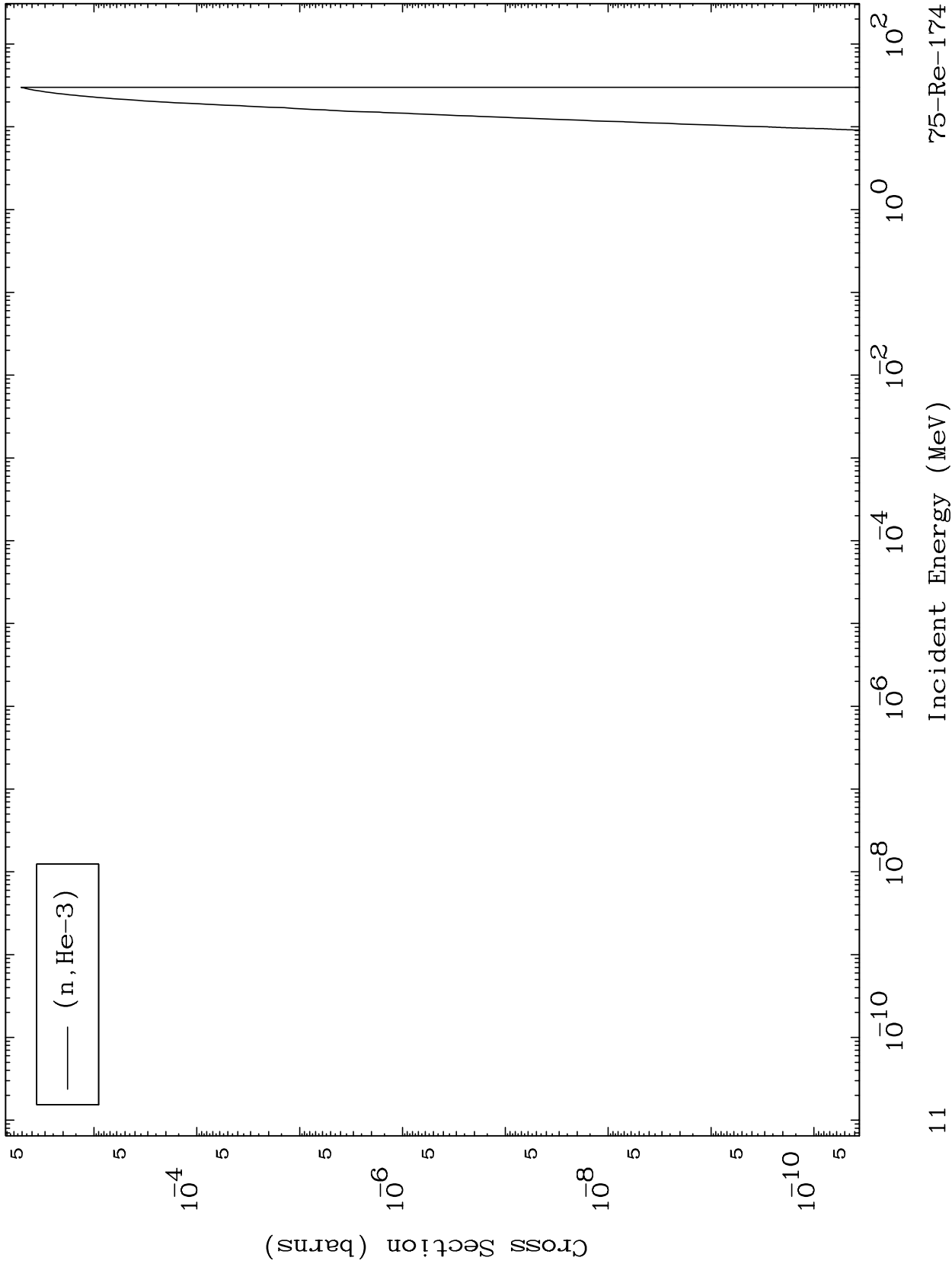
Incident Energy (MeV)

75-Re-174

MAT 7492

(n,He3) Levels  
293 Kelvin Cross Sections

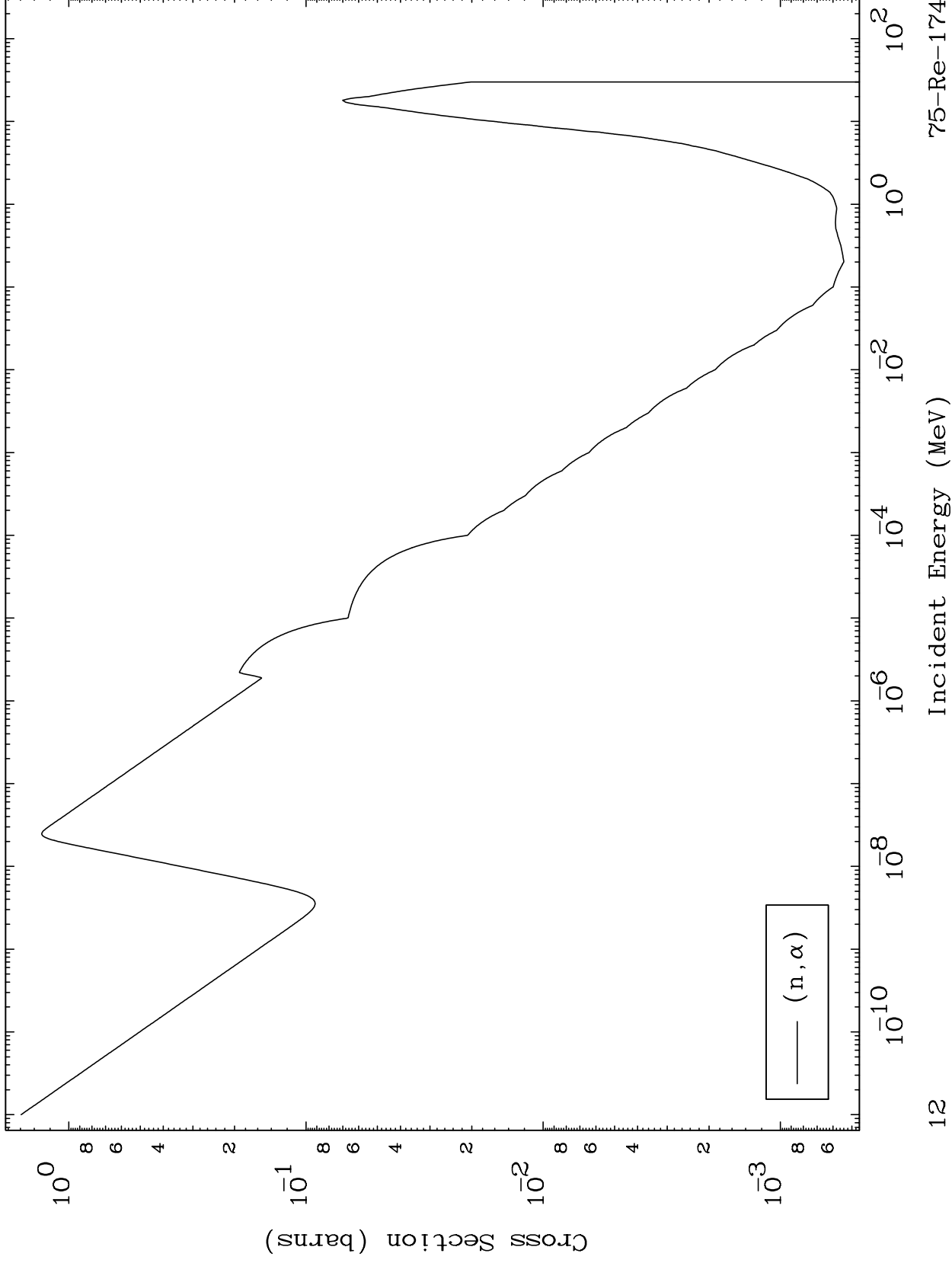
75-Re-174



MAT 7492

(n,α) Levels  
293 Kelvin Cross Sections

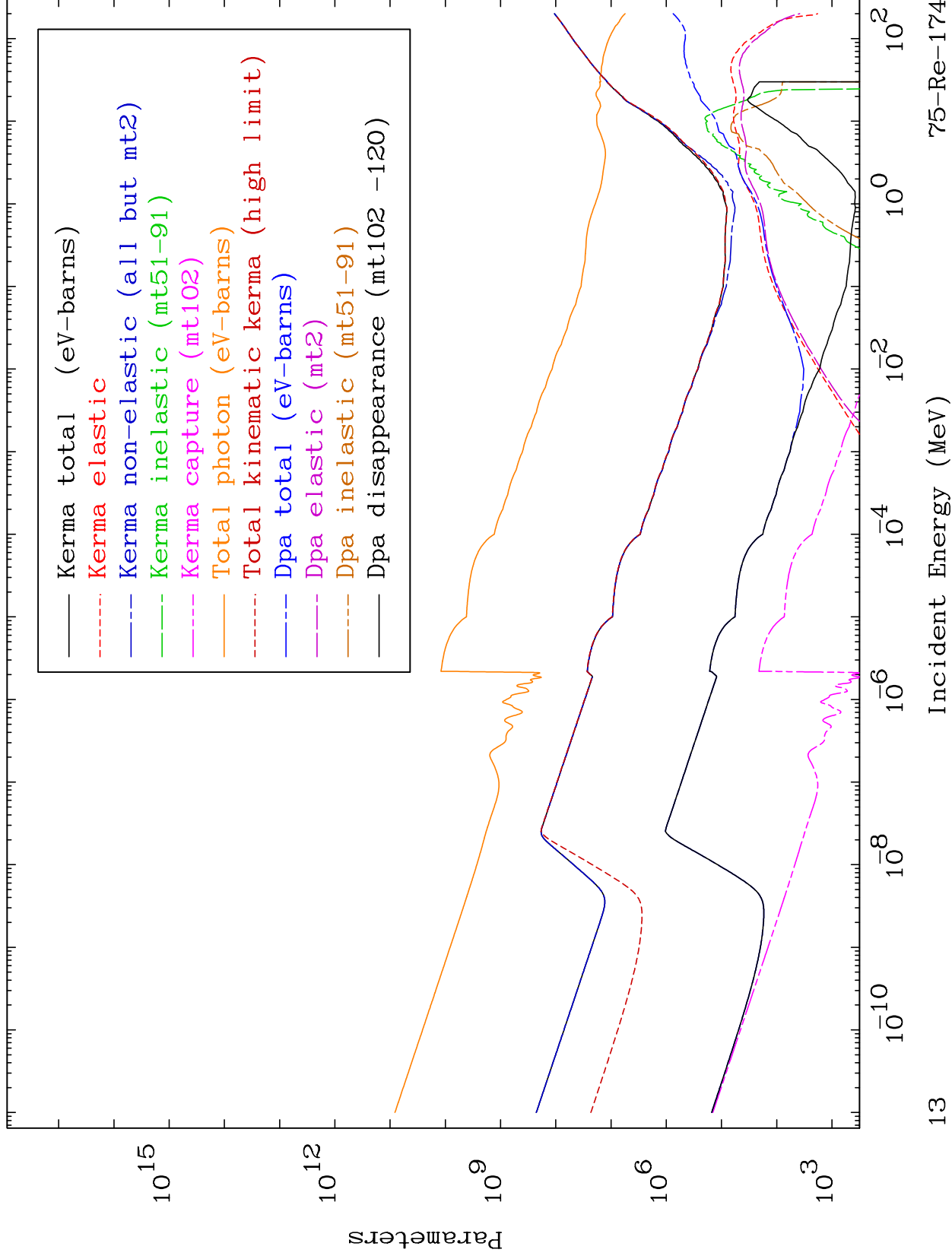
75-Re-174

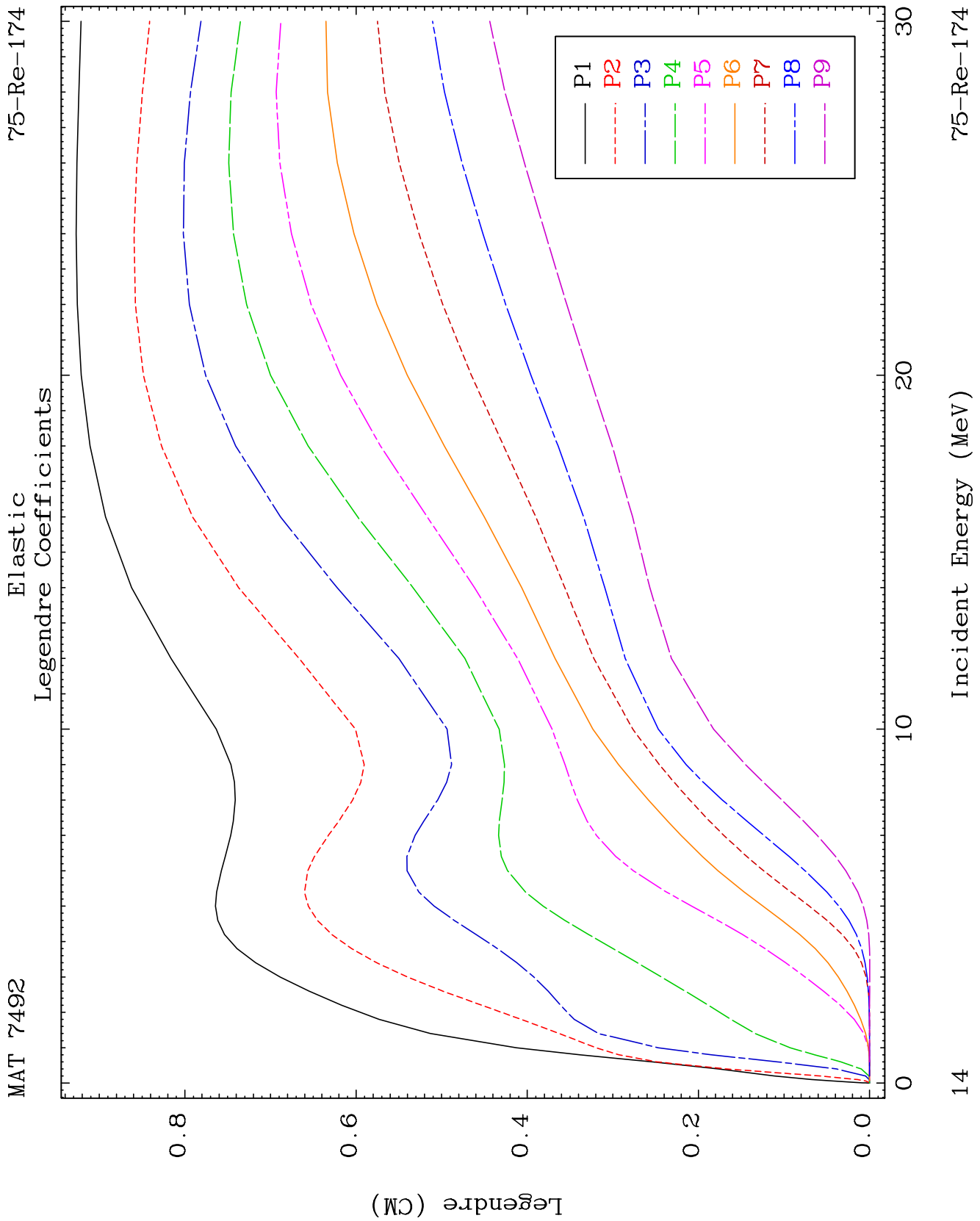


12

Incident Energy (MeV)

75-Re-174

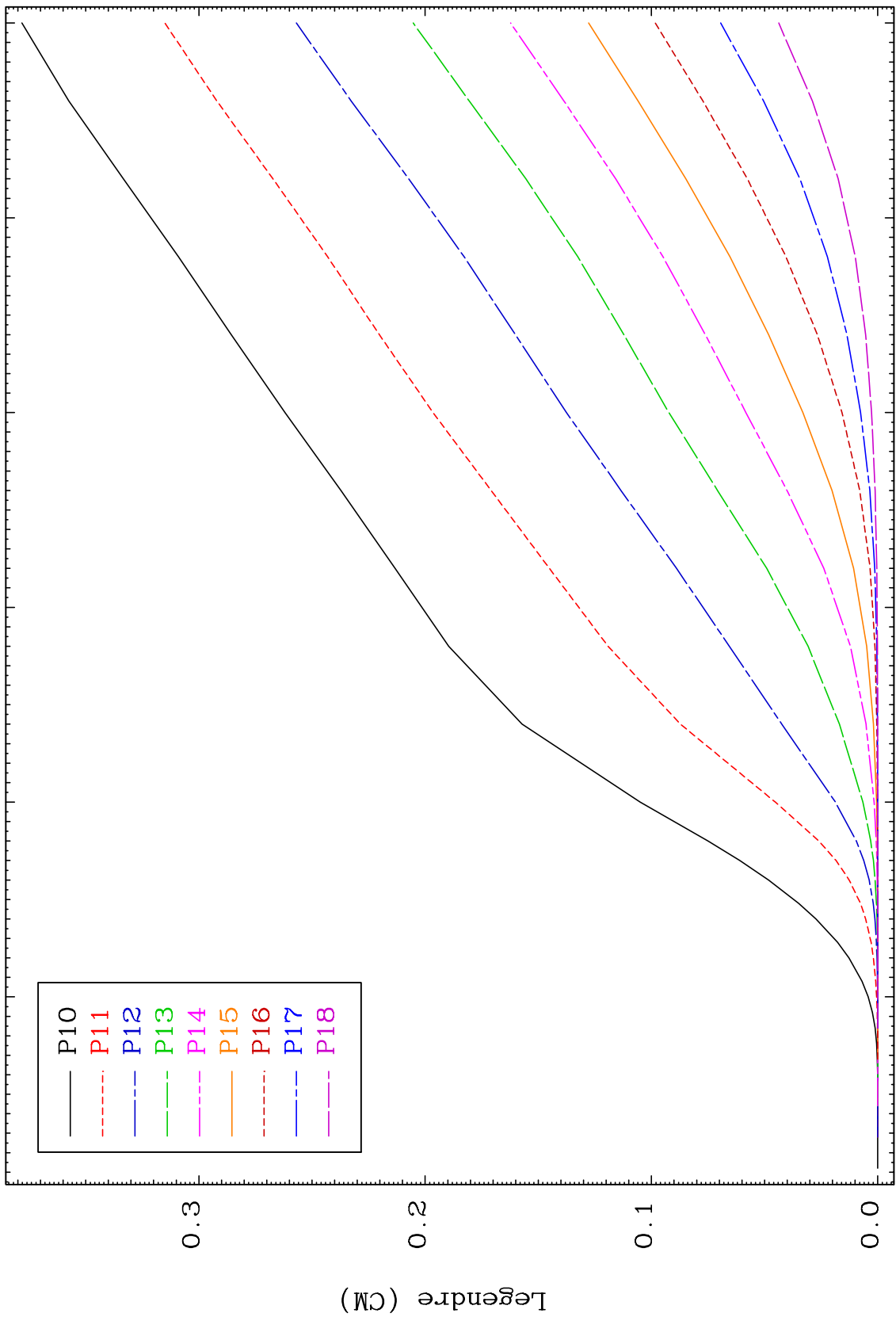




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Elastic Legendre Coefficients

75-Re-174



15

Incident Energy (MeV)

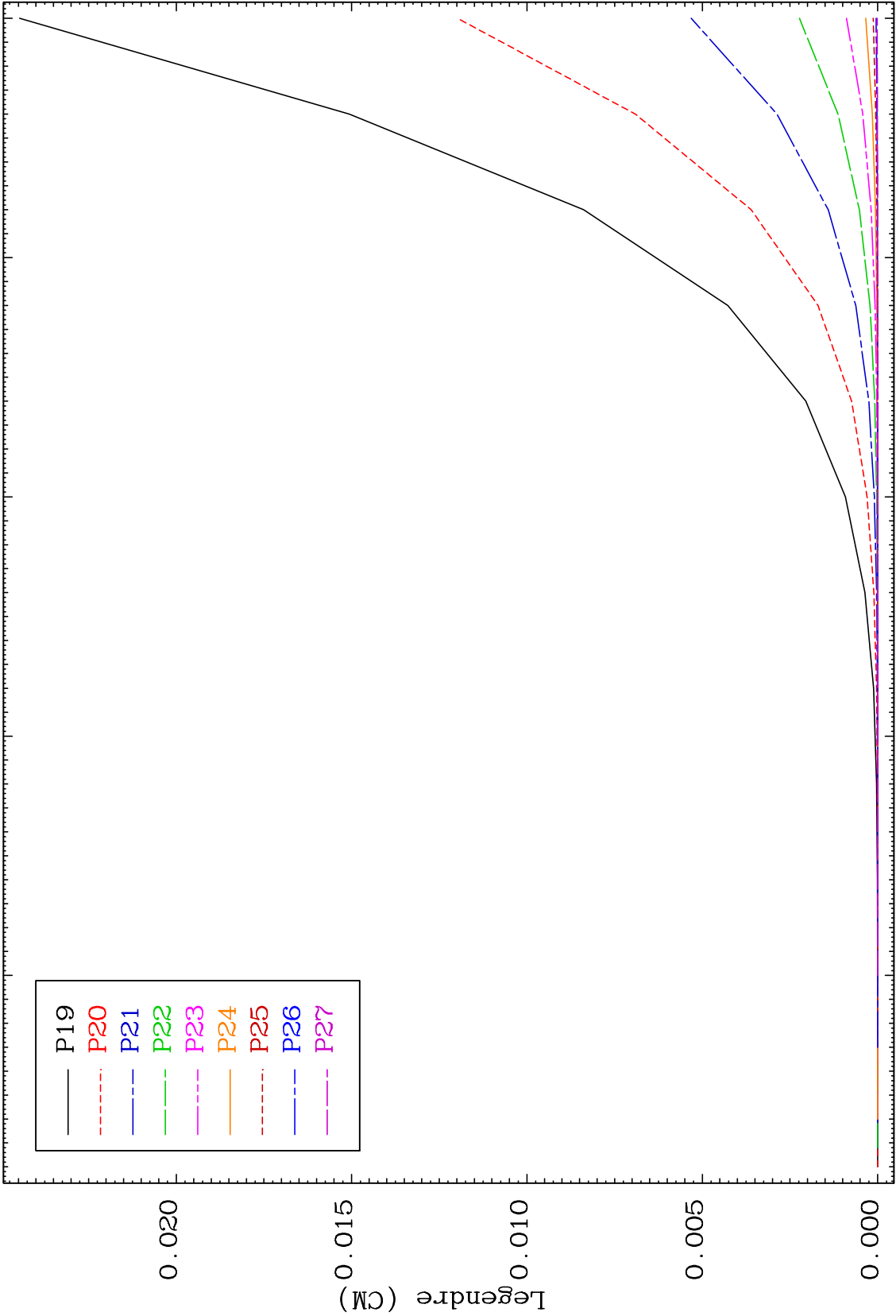
75-Re-174



MAT 7492

### Elastic Legendre Coefficients

75-Re-174



16

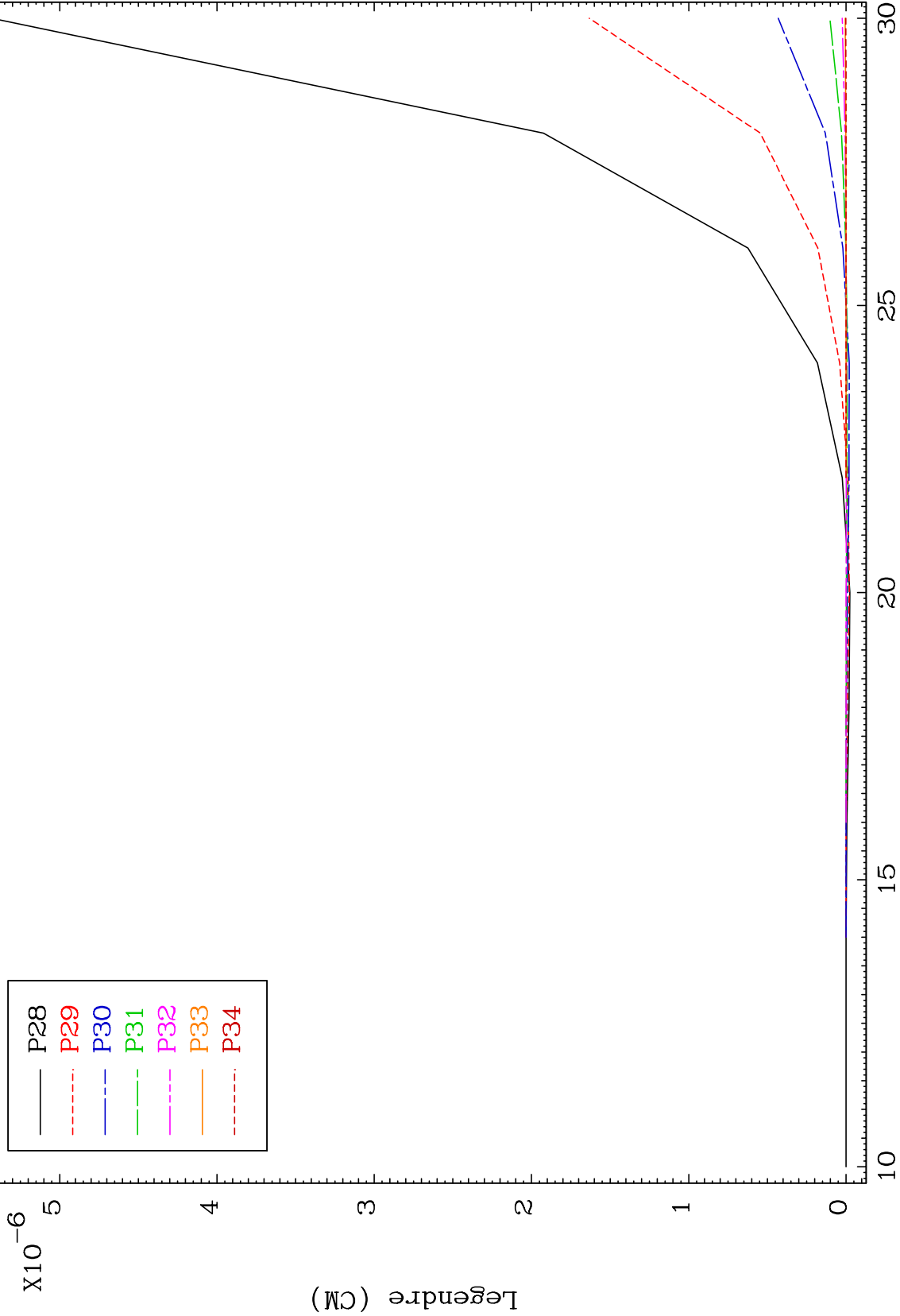
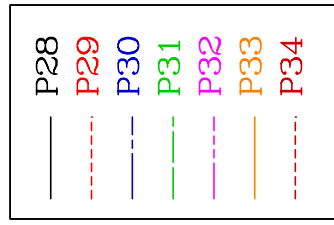
Incident Energy (MeV)

75-Re-174

MAT 7492

Elastic Legendre Coefficients

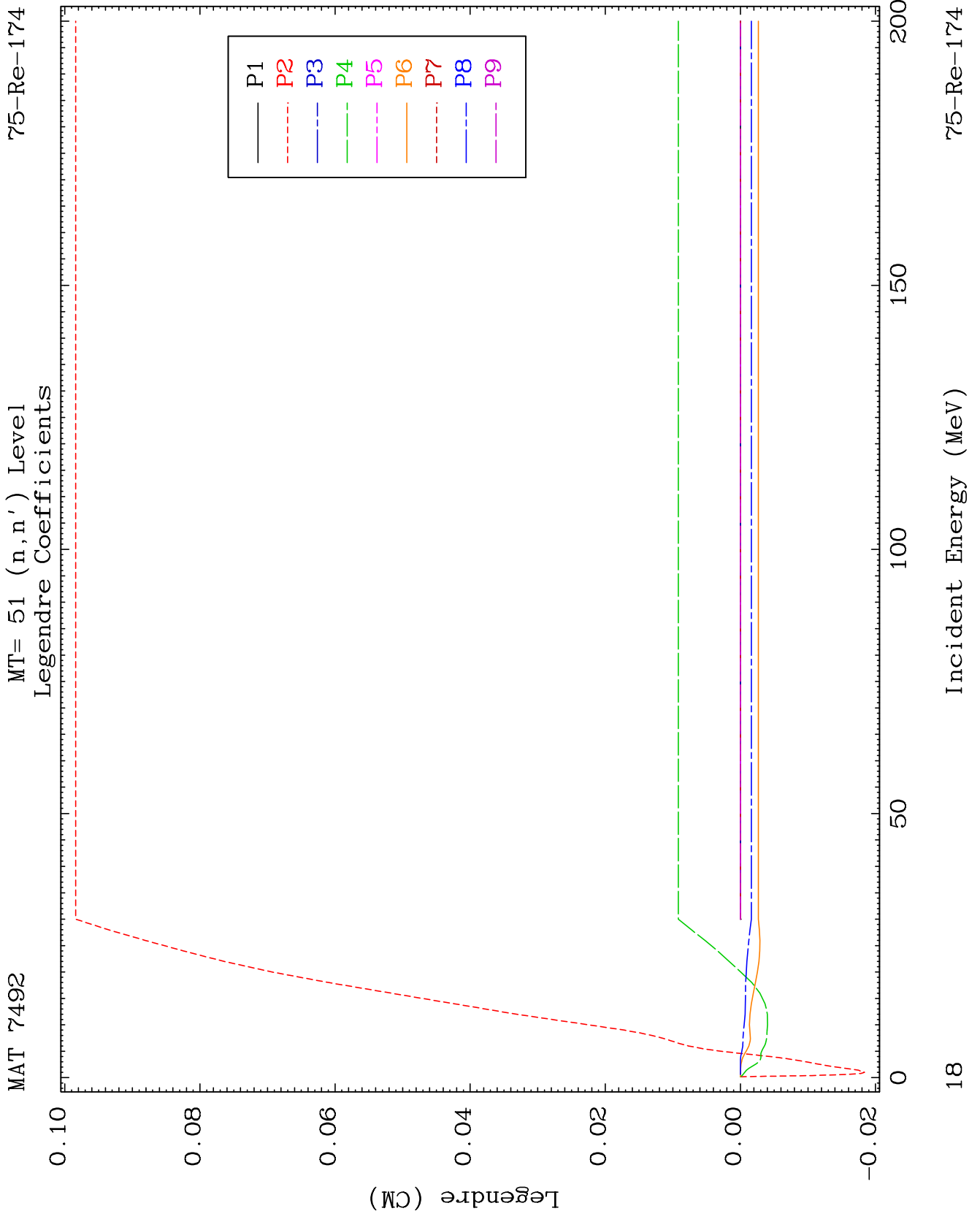
75-Re-174



75-Re-174

Incident Energy (MeV)

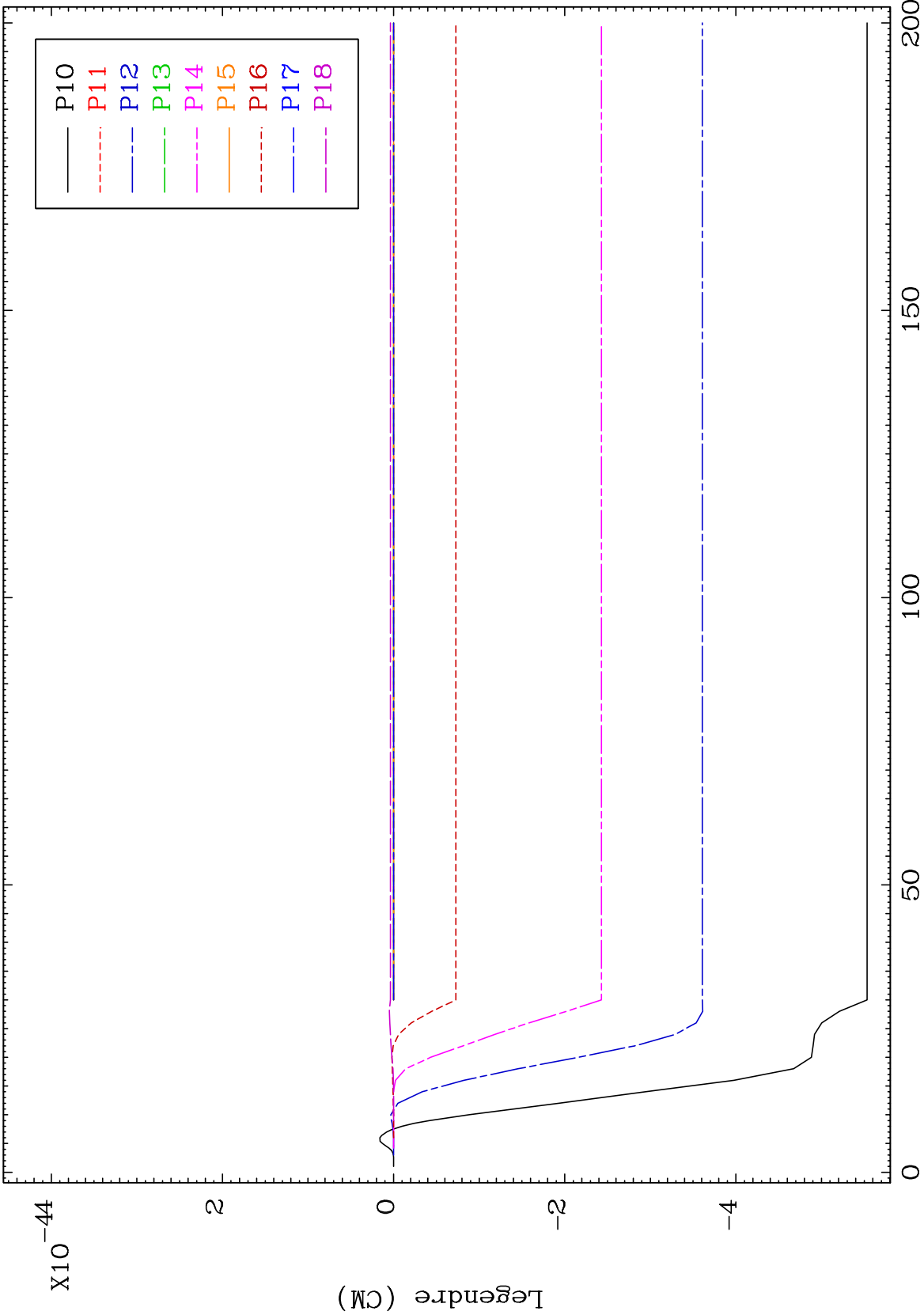
17



MAT 7492

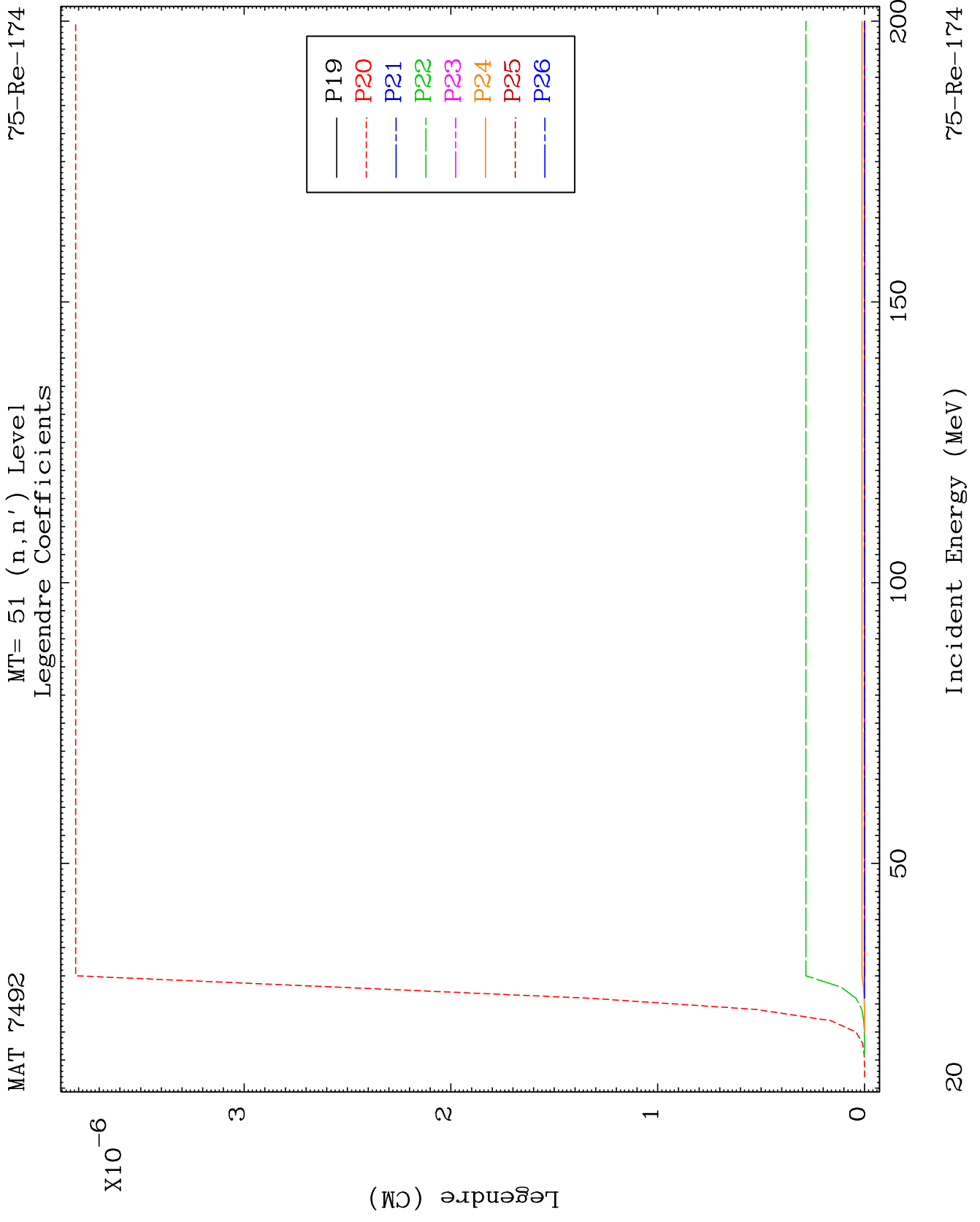
MT= 51 (n,n') Level  
Legendre Coefficients

75-Re-174



19

75-Re-174

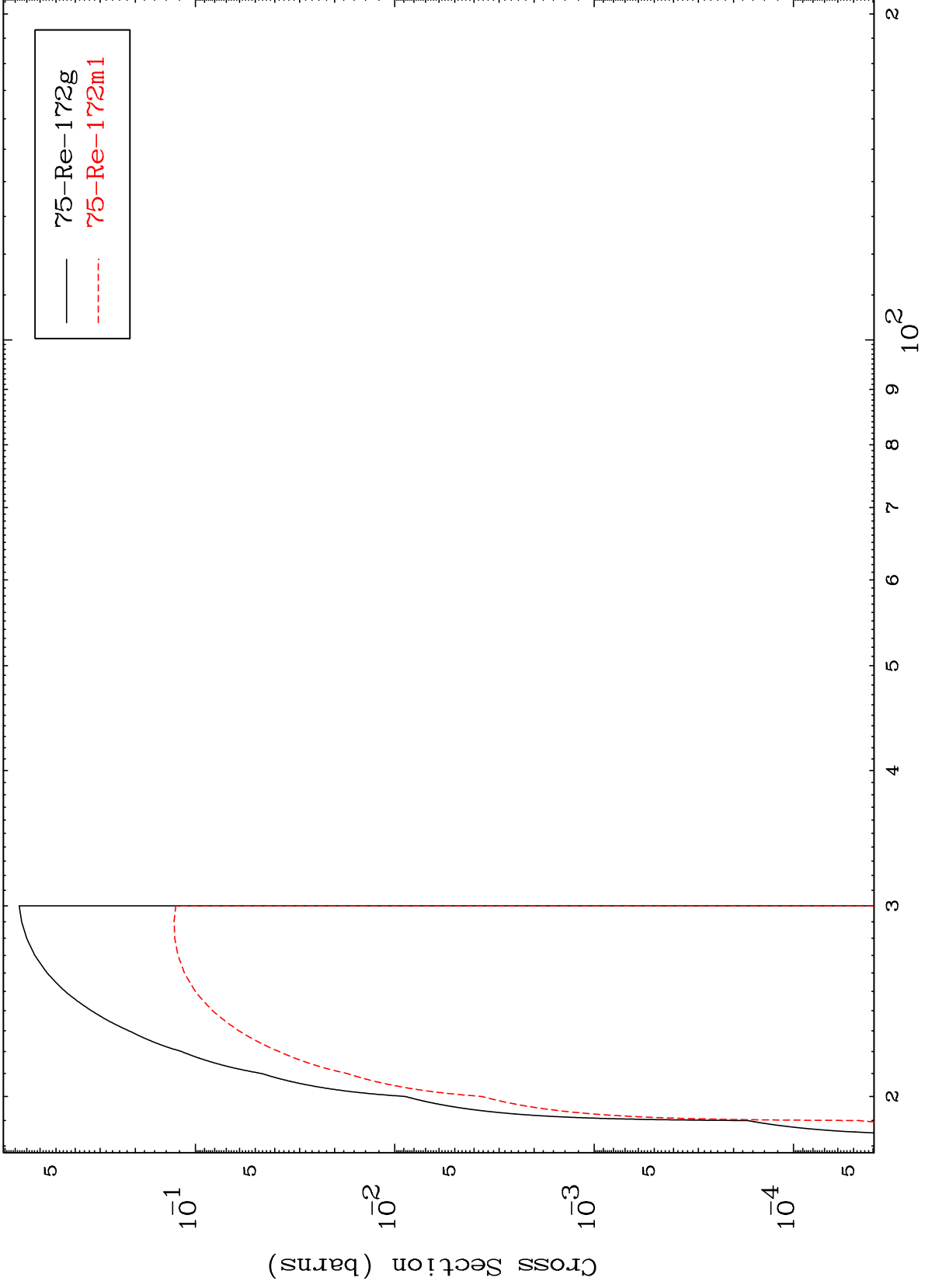


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(n,3n)

75-Re-174

Radionuclide Production Cross Section



21

Incident Energy (MeV)

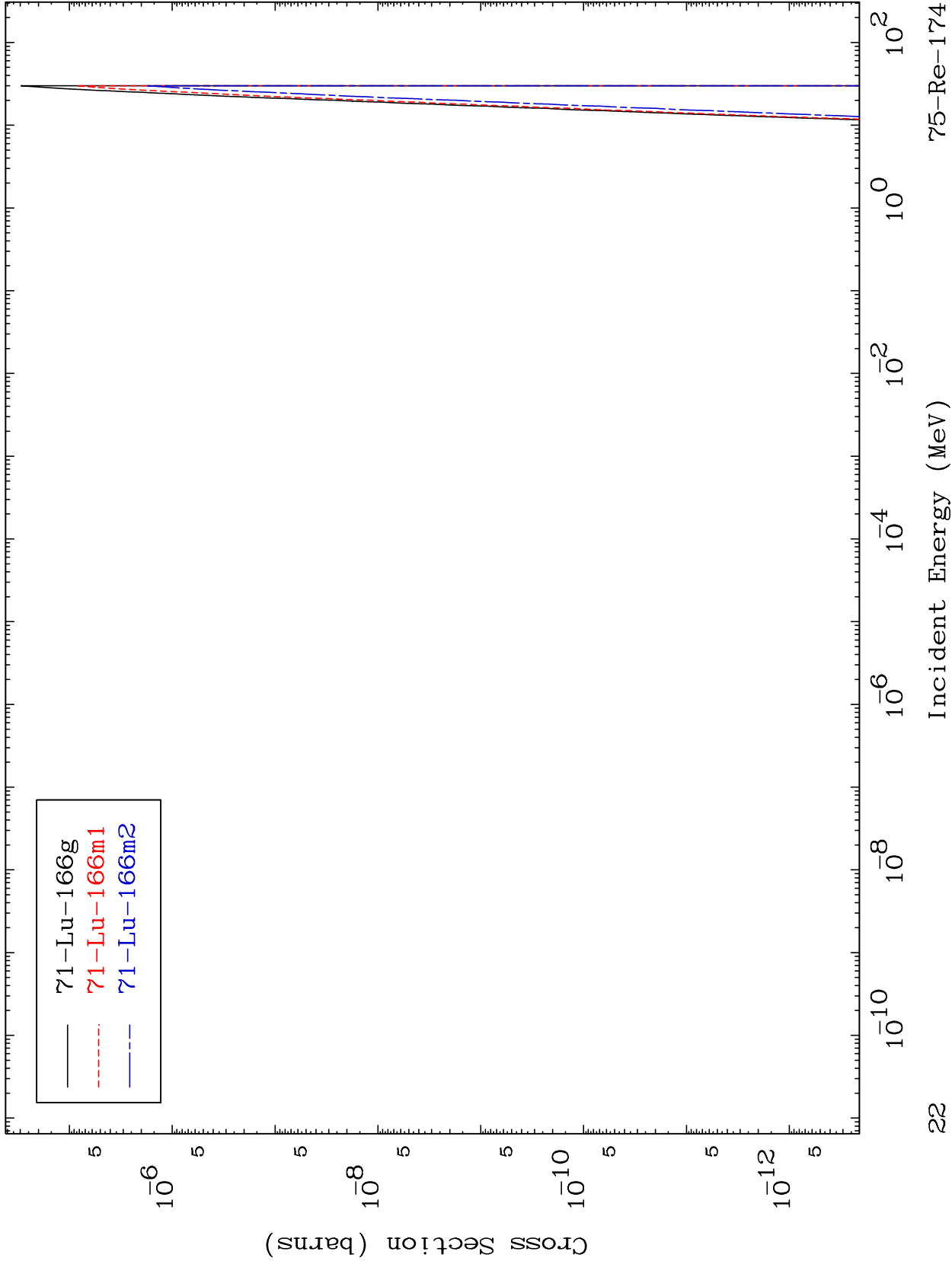
75-Re-174

MAT 7492

$(n, n')$   $2\alpha$

$^{75}\text{Re-174}$

Radionuclide Production Cross Section



MAT 7492

(n,2α)

75-Re-174

Radionuclide Production Cross Section

